

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052021\  
 Data File : VD069213.D  
 Acq On : 20 May 2021 12:34  
 Operator : VA/SY  
 Sample : VD0520SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0520SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 5/21/2021 1:48:02 PM

Quant Time: May 21 00:52:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051221S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 13 04:01:29 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response           | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|--------------------|--------|--------|----------|
| -----                        |                |      |                    |        |        |          |
| Internal Standards           |                |      |                    |        |        |          |
| 1) Pentafluorobenzene        | 7.979          | 168  | 272147             | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861          | 114  | 454943             | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.644         | 117  | 429597             | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.573         | 152  | 225514             | 50.00  | ug/l   | 0.00     |
|                              |                |      |                    |        |        |          |
| System Monitoring Compounds  |                |      |                    |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.332          | 65   | 140732             | 51.58  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 103.16% |        |        |          |
| 35) Dibromofluoromethane     | 7.914          | 113  | 147785             | 49.92  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 99.84%  |        |        |          |
| 50) Toluene-d8               | 10.338         | 98   | 542474             | 49.87  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 99.74%  |        |        |          |
| 62) 4-Bromofluorobenzene     | 12.626         | 95   | 174994             | 49.99  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 99.98%  |        |        |          |
|                              |                |      |                    |        |        |          |
| Target Compounds             |                |      |                    |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.985          | 85   | 63670              | 22.00  | ug/l   | 100      |
| 3) Chloromethane             | 2.209          | 50   | 74578              | 22.43  | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.350          | 62   | 96960              | 22.12  | ug/l   | 99       |
| 5) Bromomethane              | 2.756          | 94   | 73232              | 22.21  | ug/l   | 96       |
| 6) Chloroethane              | 2.915          | 64   | 66421              | 23.56  | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.268          | 101  | 116589             | 21.80  | ug/l   | 96       |
| 8) Diethyl Ether             | 3.709          | 74   | 28223              | 23.12  | ug/l   | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 4.097          | 101  | 68715              | 22.67  | ug/l   | 96       |
| 10) Methyl Iodide            | 4.297          | 142  | 54754              | 17.96  | ug/l   | 97       |
| 11) Tert butyl alcohol       | 5.214          | 59   | 21606              | 134.72 | ug/l # | 91       |
| 12) 1,1-Dichloroethene       | 4.067          | 96   | 59878              | 21.99  | ug/l   | 95       |
| 13) Acrolein                 | 3.920          | 56   | 17919              | 80.72  | ug/l   | 98       |
| 14) Allyl chloride           | 4.709          | 41   | 64455              | 21.58  | ug/l   | 99       |
| 15) Acrylonitrile            | 5.420          | 53   | 53284              | 116.95 | ug/l   | 97       |
| 16) Acetone                  | 4.162          | 43   | 46760              | 111.91 | ug/l   | 96       |
| 17) Carbon Disulfide         | 4.403          | 76   | 194561             | 21.56  | ug/l   | 98       |
| 18) Methyl Acetate           | 4.714          | 43   | 25373              | 24.99  | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 5.485          | 73   | 110215             | 22.31  | ug/l   | 94       |
| 20) Methylene Chloride       | 4.967          | 84   | 88892              | 20.85  | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 5.467          | 96   | 70345              | 21.79  | ug/l   | 96       |
| 22) Diisopropyl ether        | 6.356          | 45   | 136720             | 22.92  | ug/l   | 95       |
| 23) Vinyl Acetate            | 6.309          | 43   | 383381             | 108.90 | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.261          | 63   | 115946             | 22.50  | ug/l   | 97       |
| 25) 2-Butanone               | 7.214          | 43   | 66007              | 116.57 | ug/l   | 90       |
| 26) 2,2-Dichloropropane      | 7.208          | 77   | 106233             | 22.04  | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.214          | 96   | 74367              | 21.22  | ug/l   | 98       |
| 28) Bromochloromethane       | 7.544          | 49   | 38958              | 21.21  | ug/l   | 96       |
| 29) Tetrahydrofuran          | 7.561          | 42   | 35290              | 114.65 | ug/l   | 98       |
| 30) Chloroform               | 7.708          | 83   | 128502             | 22.15  | ug/l   | 98       |
| 31) Cyclohexane              | 7.985          | 56   | 84594              | 20.92  | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 7.903          | 97   | 114836             | 21.81  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.108          | 75   | 96099              | 21.73  | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.291          | 43   | 29913              | 21.05  | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.091          | 117  | 102367             | 20.70  | ug/l   | 93       |
| 39) Methylcyclohexane        | 9.355          | 83   | 93197              | 19.98  | ug/l   | 96       |
| 40) Benzene                  | 8.350          | 78   | 274259             | 21.65  | ug/l   | 99       |

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 Sample : VD0520SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0520SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 5/21/2021 1:48:02 PM

Quant Time: May 21 00:52:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051221S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 13 04:01:29 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 15554    | 20.56  | ug/l # | 94       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 77283    | 22.34  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.455  | 43   | 56537    | 21.91  | ug/l   | 96       |
| 44) Trichloroethene           | 9.114  | 130  | 74586    | 21.06  | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 9.391  | 63   | 66604    | 22.27  | ug/l   | 100      |
| 46) Dibromomethane            | 9.473  | 93   | 39932    | 22.34  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.661  | 83   | 100004   | 21.98  | ug/l   | 90       |
| 48) Methyl methacrylate       | 9.455  | 41   | 28344    | 23.75  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 8202     | 461.38 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 150273   | 113.18 | ug/l   | 98       |
| 52) Toluene                   | 10.402 | 92   | 177345   | 21.69  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 86746    | 21.70  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 101389   | 21.22  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.797 | 97   | 53667    | 22.27  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 51575    | 20.42  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.944 | 76   | 88265    | 22.67  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 131258   | 110.04 | ug/l   | 100      |
| 59) 2-Hexanone                | 10.985 | 43   | 101264   | 114.30 | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.138 | 129  | 67612    | 21.85  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.244 | 107  | 50496    | 21.21  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.873 | 164  | 63366    | 21.22  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.667 | 112  | 188273   | 21.15  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 71787    | 21.38  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.744 | 91   | 321297   | 20.97  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.849 | 106  | 262366   | 43.69  | ug/l   | 99       |
| 69) o-Xylene                  | 12.179 | 106  | 112918   | 21.15  | ug/l   | 99       |
| 70) Styrene                   | 12.191 | 104  | 204729   | 21.96  | ug/l   | 98       |
| 71) Bromoform                 | 12.355 | 173  | 37849    | 21.67  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.473 | 105  | 306985   | 19.48  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.285 | 43   | 51943    | 20.15  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.726 | 83   | 60344    | 21.13  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.779 | 75   | 35884m   | 21.17  | ug/l   |          |
| 77) Bromobenzene              | 12.755 | 156  | 76044    | 20.33  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.814 | 91   | 383842   | 20.18  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 215908   | 20.41  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105  | 266145   | 20.48  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 16394    | 19.53  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 232649   | 20.64  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.220 | 119  | 225201   | 20.80  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 281765   | 21.55  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.396 | 105  | 340219   | 20.89  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 296031   | 20.69  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 163544   | 21.60  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.590 | 146  | 159249   | 21.24  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.838 | 91   | 272812   | 20.46  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.102 | 117  | 54534    | 20.34  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.885 | 146  | 137978   | 21.22  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.496 | 75   | 8946     | 20.18  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.155 | 180  | 82212    | 20.64  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.261 | 225  | 47977    | 20.07  | ug/l   | 97       |
| 95) Naphthalene               | 15.390 | 128  | 133119   | 19.34  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.585 | 180  | 70922    | 20.81  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052021\  
Data File : VD069213.D  
Acq On : 20 May 2021 12:34  
Operator : VA/SY  
Sample : VD0520SBSD01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

Manual Integrations  
APPROVED

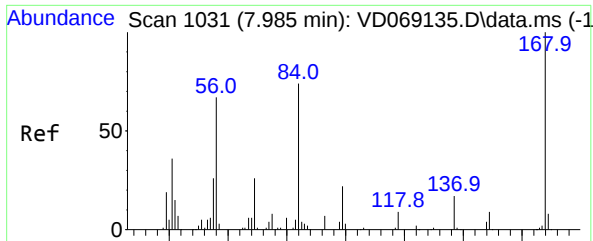
MMDadoda  
5/21/2021 1:48:02 PM

Quant Time: May 21 00:52:39 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051221S.M  
Quant Title : SW846 8260  
QLast Update : Thu May 13 04:01:29 2021  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

(#) = qualifier out of range (m) = manual integration (+) = signals summed





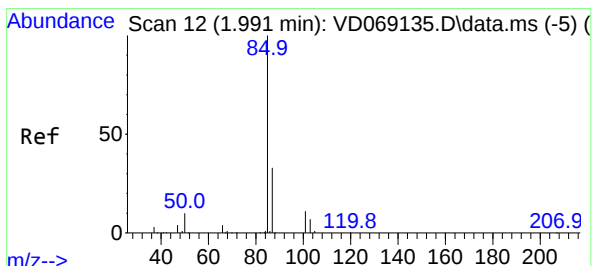
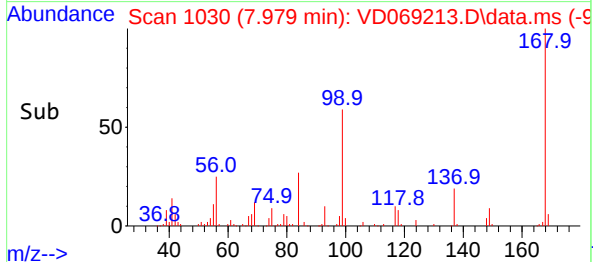
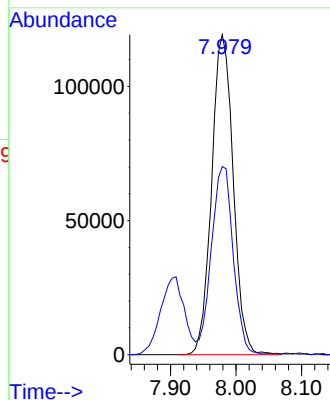
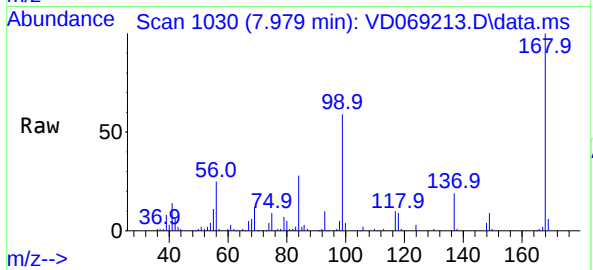
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 168 Resp: 272147  
Ion Ratio Lower Upper  
168 100  
99 58.5 47.2 70.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

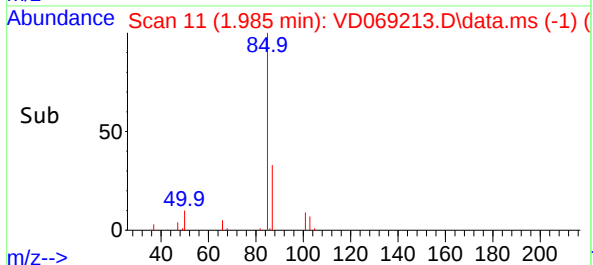
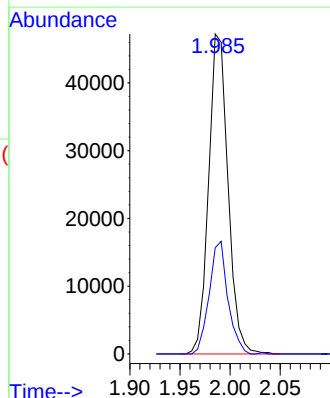
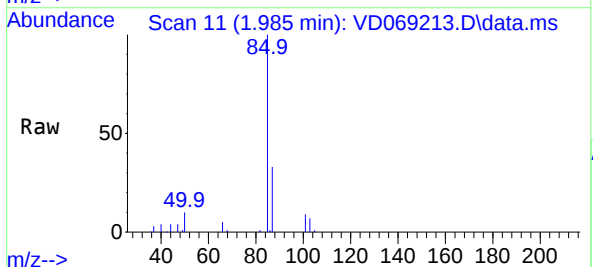
Manual Integrations  
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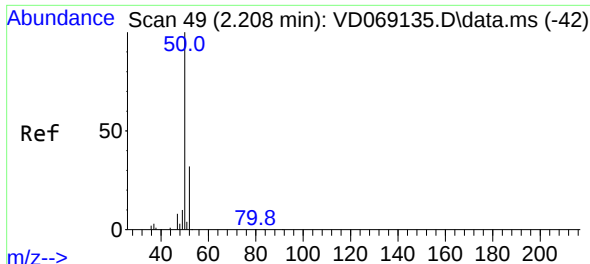
MMDadoda  
5/21/2021 1:48:02 PM



#2  
Dichlorodifluoromethane  
Concen: 22.00 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 85 Resp: 63670  
Ion Ratio Lower Upper  
85 100  
87 33.2 16.5 49.5





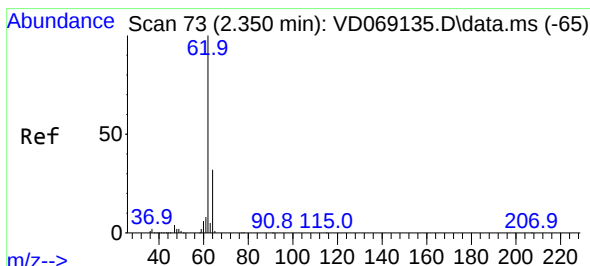
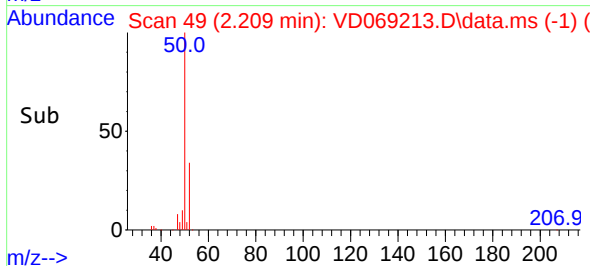
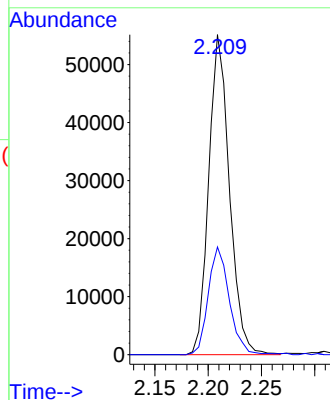
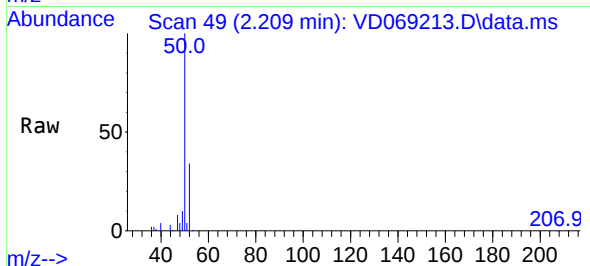
#3  
Chloromethane  
Concen: 22.43 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 50 Resp: 74578  
Ion Ratio Lower Upper  
50 100  
52 33.6 25.8 38.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

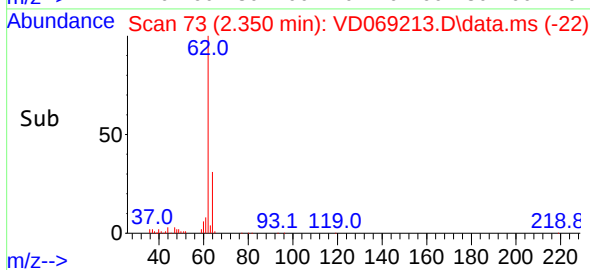
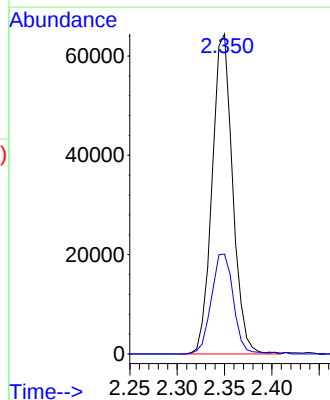
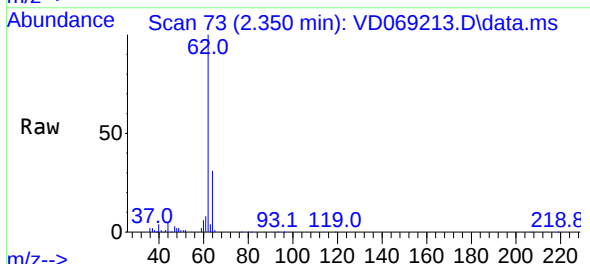
Manual Integrations  
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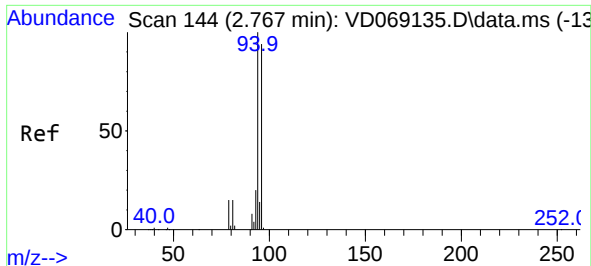
MMDadoda  
5/21/2021 1:48:02 PM



#4  
Vinyl Chloride  
Concen: 22.12 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 62 Resp: 96960  
Ion Ratio Lower Upper  
62 100  
64 31.2 25.3 37.9





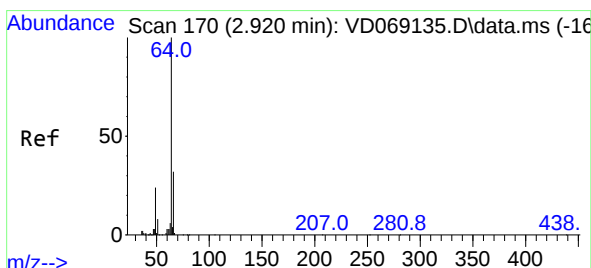
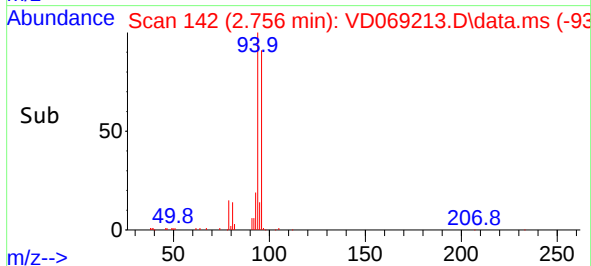
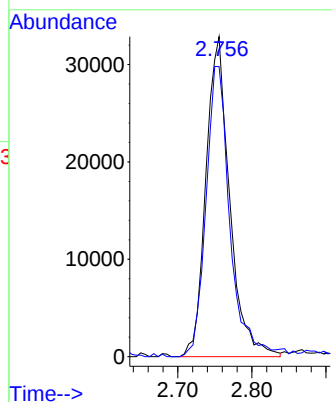
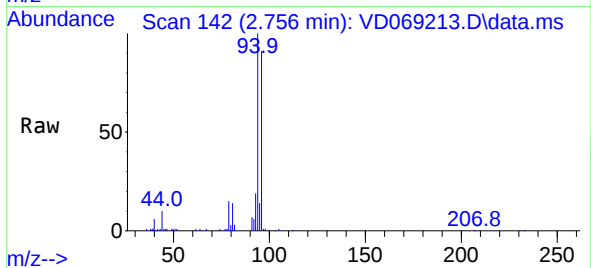
#5  
Bromomethane  
Concen: 22.21 ug/l  
RT: 2.756 min Scan# 142  
Delta R.T. -0.011 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 94 Resp: 73232  
Ion Ratio Lower Upper  
94 100  
96 90.7 75.4 113.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

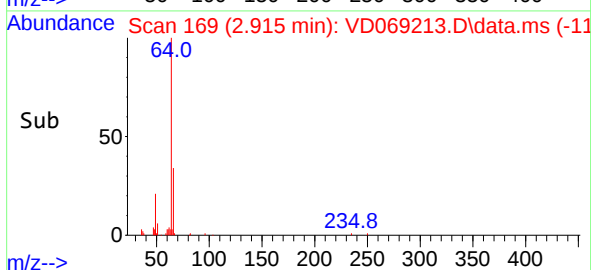
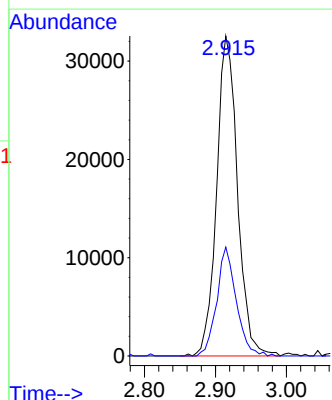
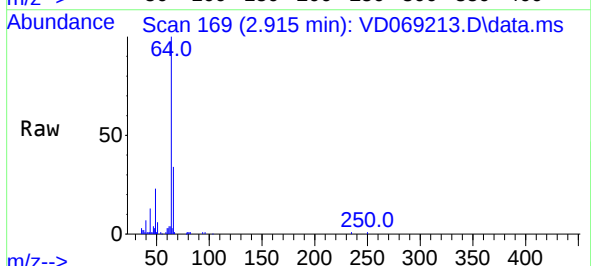
Manual Integrations  
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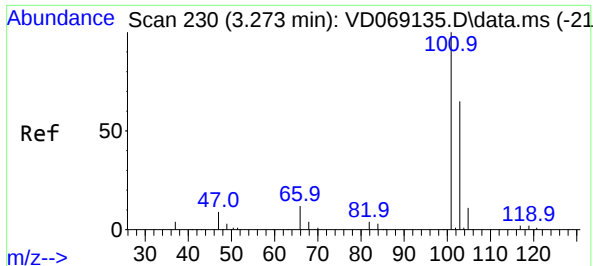
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5/21/2021 1:48:02 PM



#6  
Chloroethane  
Concen: 23.56 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 64 Resp: 66421  
Ion Ratio Lower Upper  
64 100  
66 34.0 25.2 37.8





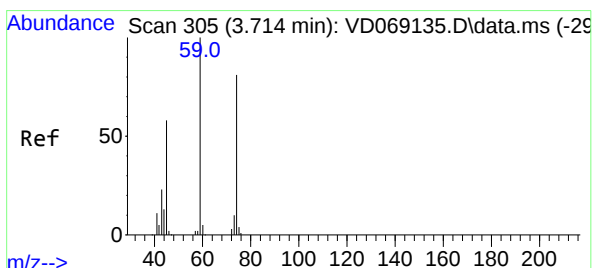
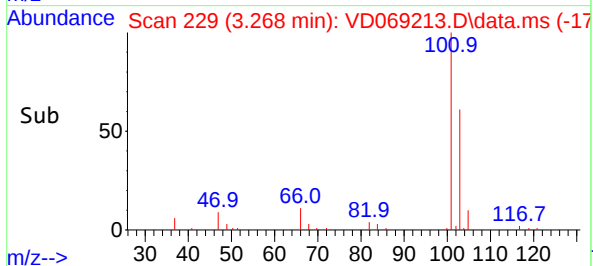
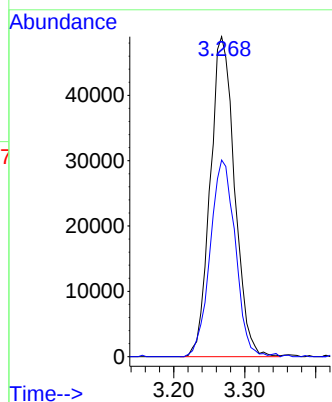
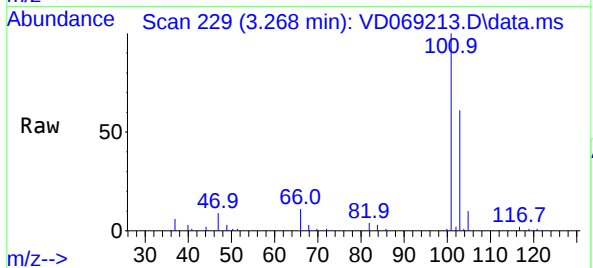
#7  
Trichlorofluoromethane  
Concen: 21.80 ug/l  
RT: 3.268 min Scan# 229  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion:101 Resp: 116589  
Ion Ratio Lower Upper  
101 100  
103 61.4 51.9 77.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

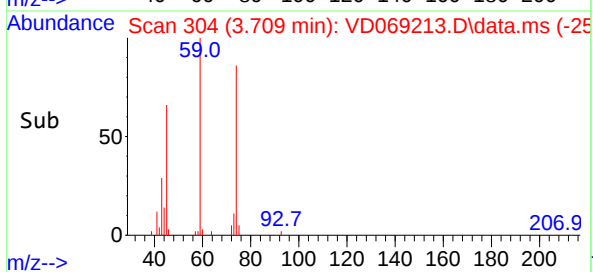
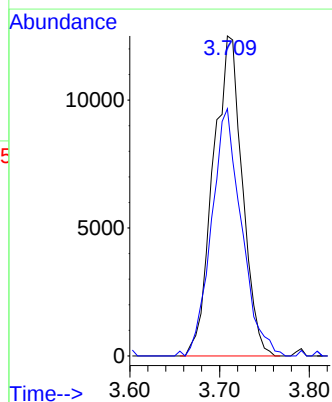
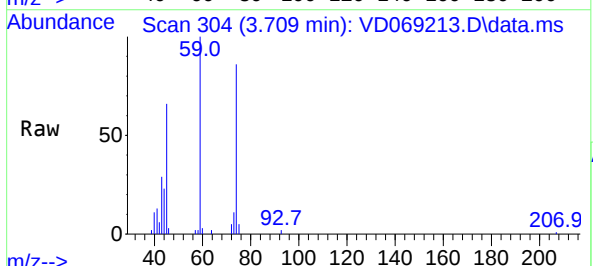
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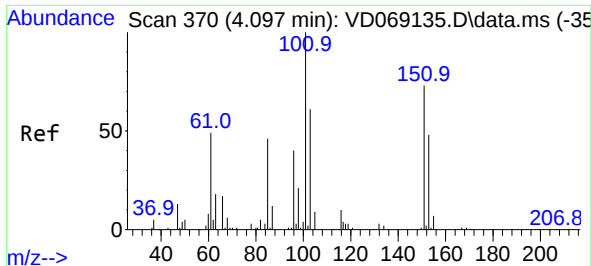
MMDadoda  
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#8  
Diethyl Ether  
Concen: 23.12 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 74 Resp: 28223  
Ion Ratio Lower Upper  
74 100  
45 79.7 38.1 114.5





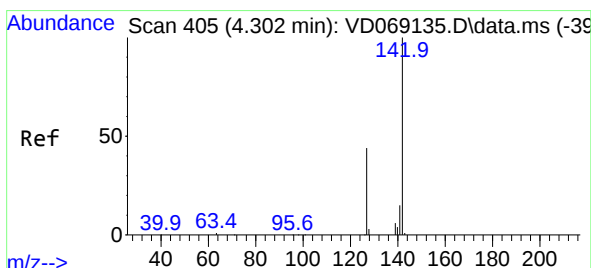
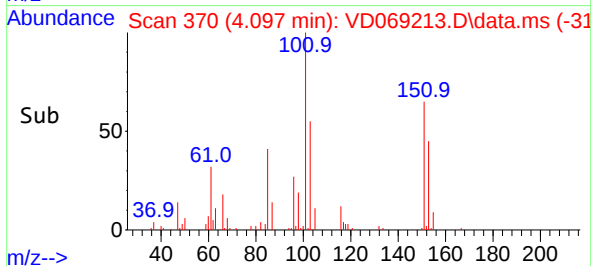
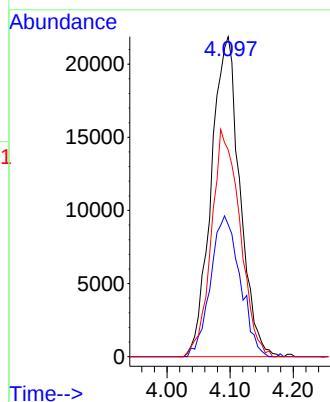
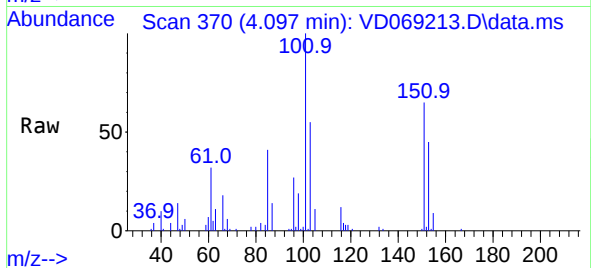
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.67 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 68715 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 45.5  | 35.2  | 52.8  |
| 151      | 71.1  | 60.6  | 91.0  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

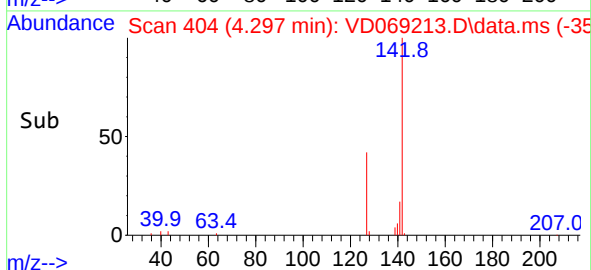
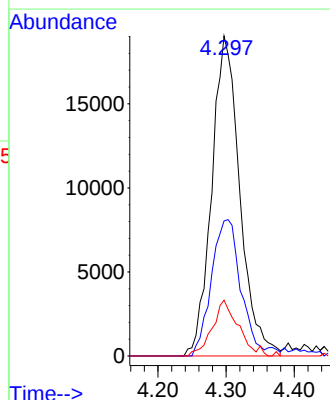
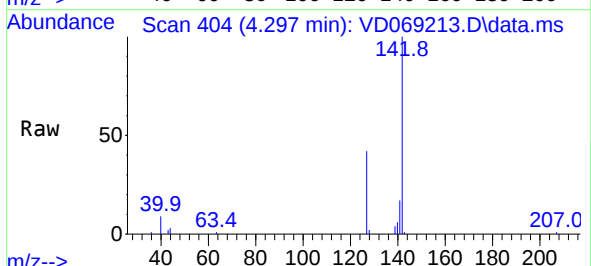
Manual Integrations  
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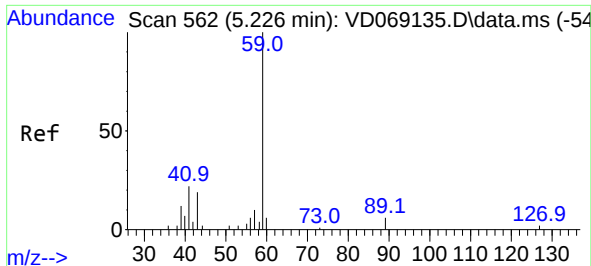
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#10  
Methyl Iodide  
Concen: 17.96 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.005 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 54754 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 44.2  | 37.3  | 55.9  |
| 141      | 16.1  | 12.2  | 18.4  |





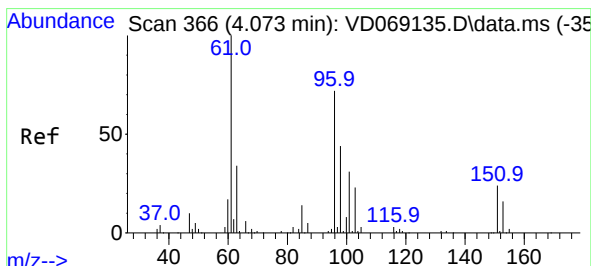
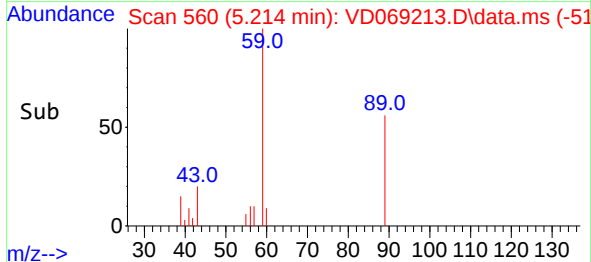
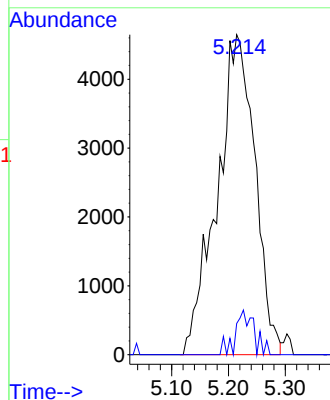
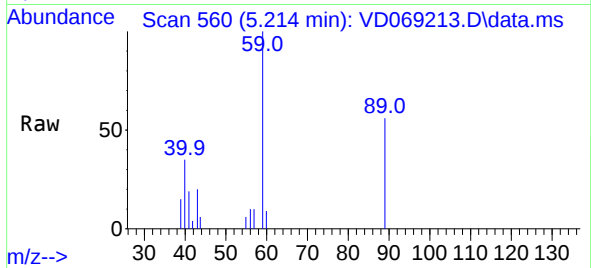
#11  
Tert butyl alcohol  
Concen: 134.72 ug/l  
RT: 5.214 min Scan# 560  
Delta R.T. -0.012 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 59 Resp: 21606  
Ion Ratio Lower Upper  
59 100  
57 6.4 7.8 11.8#

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

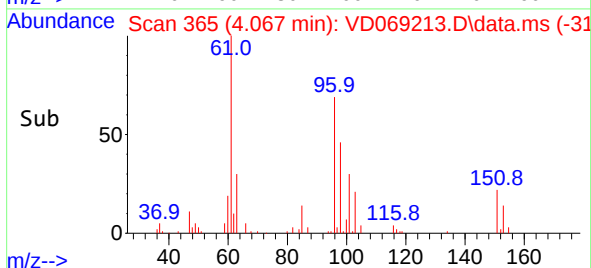
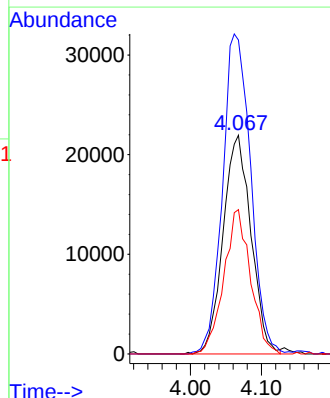
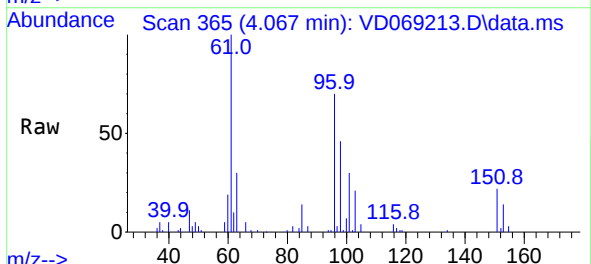
Manual Integrations  
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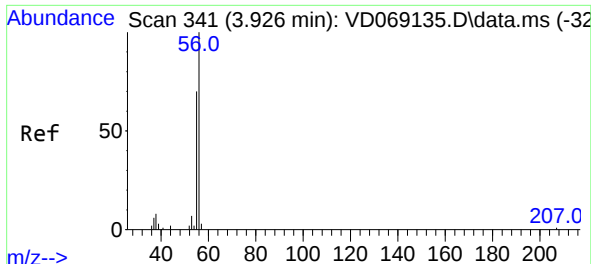
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#12  
1,1-Dichloroethene  
Concen: 21.99 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

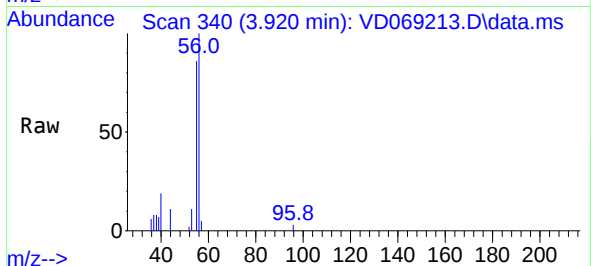
Tgt Ion: 96 Resp: 59878  
Ion Ratio Lower Upper  
96 100  
61 143.5 111.1 166.7  
98 66.0 48.4 72.6





#13  
Acrolein  
Concen: 80.72 ug/l  
RT: 3.920 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

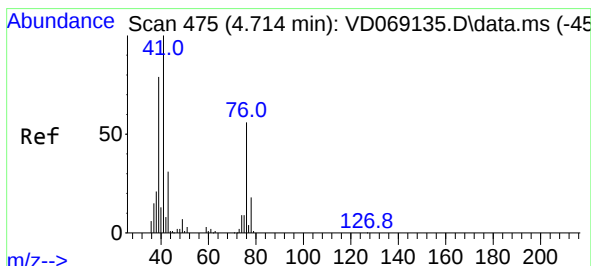
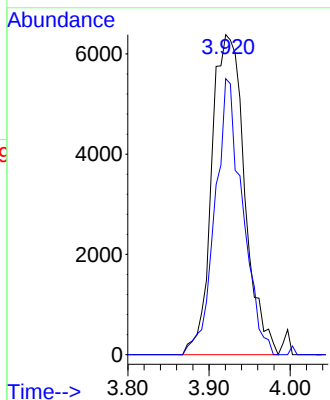
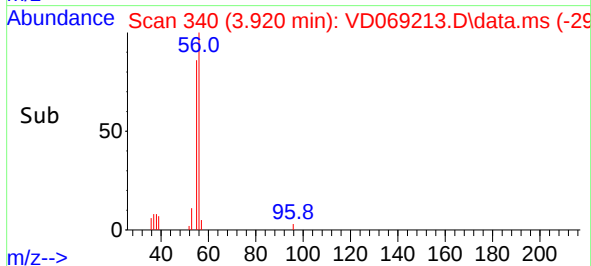
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01



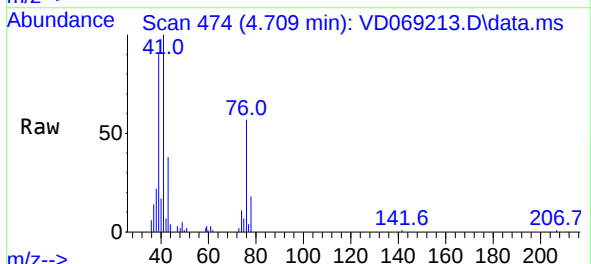
Tgt Ion: 56 Resp: 17919  
Ion Ratio Lower Upper  
56 100  
55 72.4 56.9 85.3

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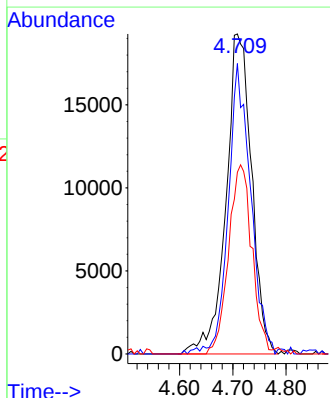
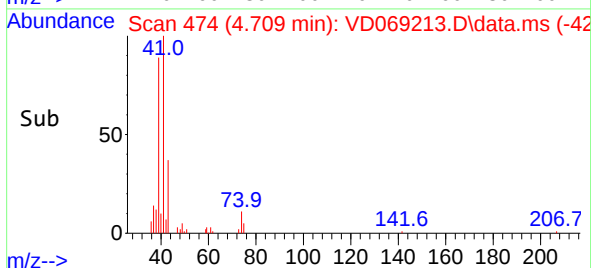
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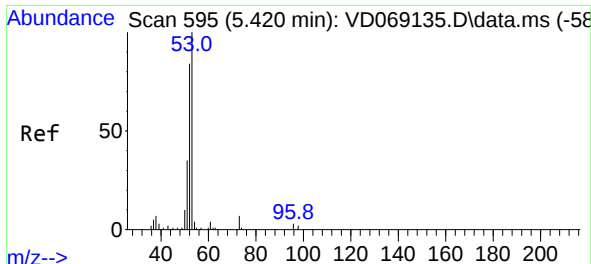


#14  
Allyl chloride  
Concen: 21.58 ug/l  
RT: 4.709 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

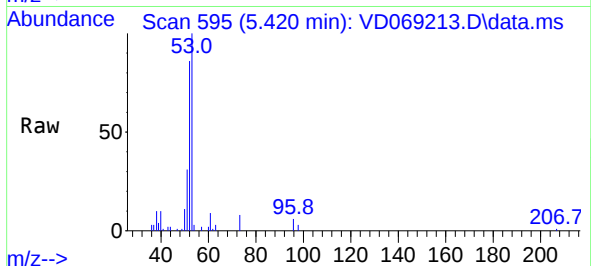


Tgt Ion: 41 Resp: 64455  
Ion Ratio Lower Upper  
41 100  
39 79.4 64.3 96.5  
76 53.7 43.6 65.4

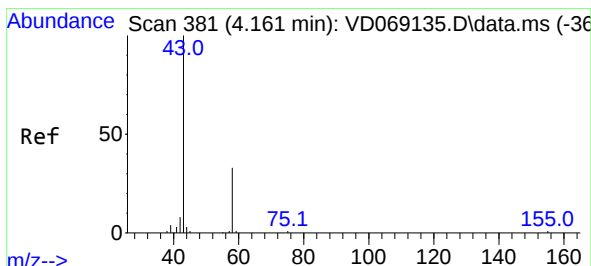
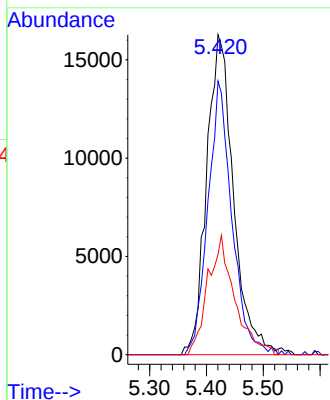
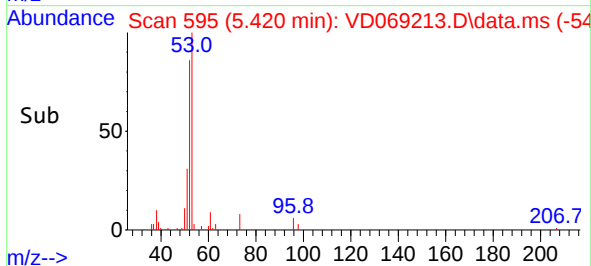




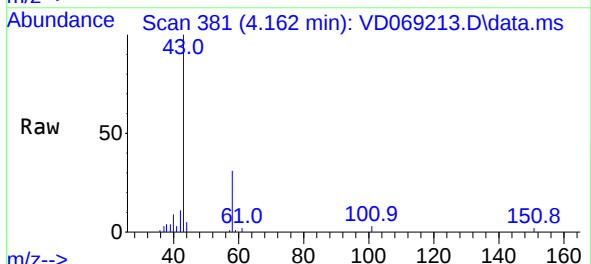
#15  
Acrylonitrile  
Concen: 116.95 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



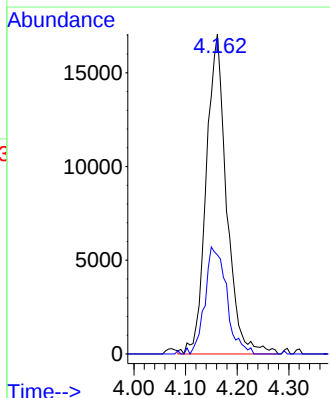
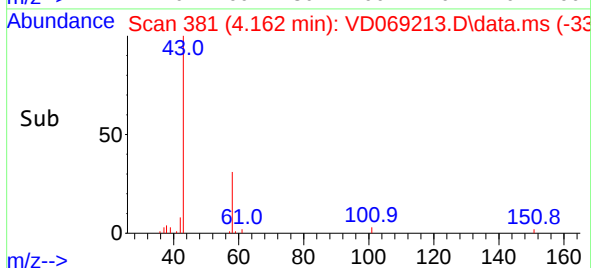
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 53284 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 76.5  | 64.5  | 96.7  |
| 51       | 37.4  | 30.4  | 45.6  |



#16  
Acetone  
Concen: 111.91 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



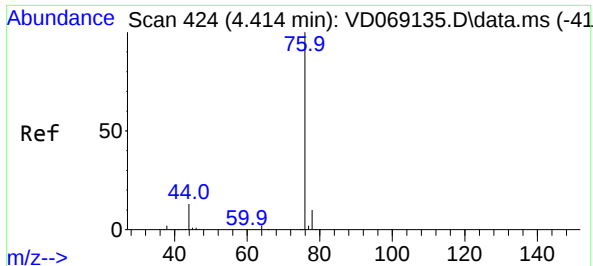
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 46760 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 31.0  | 26.7  | 40.1  |



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

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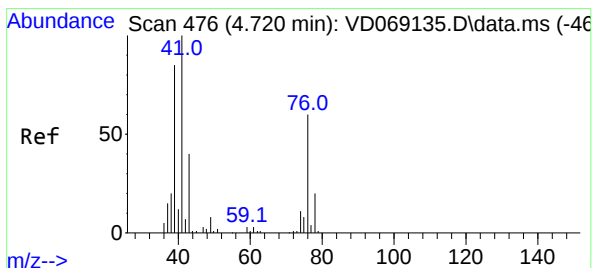
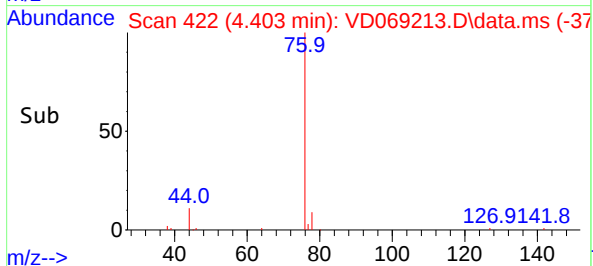
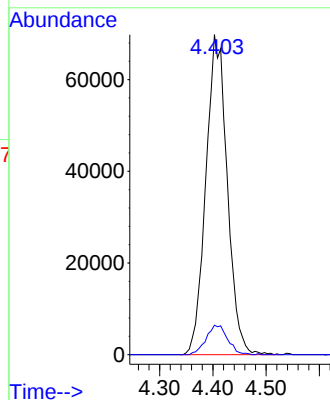
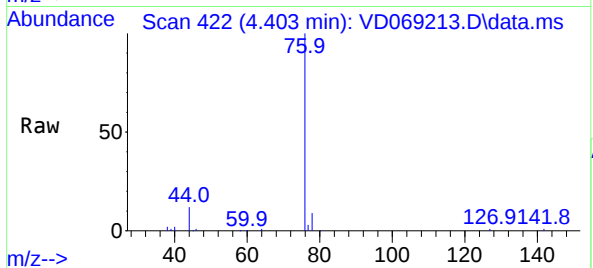
#17  
Carbon Disulfide  
Concen: 21.56 ug/l  
RT: 4.403 min Scan# 422  
Delta R.T. -0.011 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 76 Resp: 194561  
Ion Ratio Lower Upper  
76 100  
78 9.2 8.1 12.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

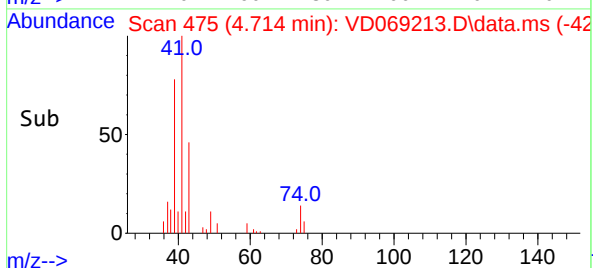
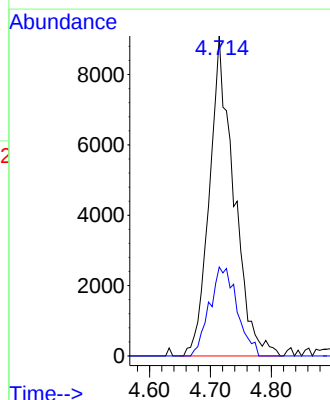
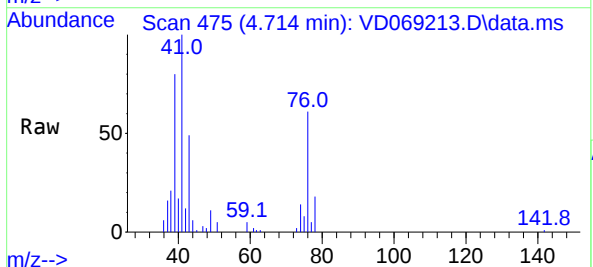
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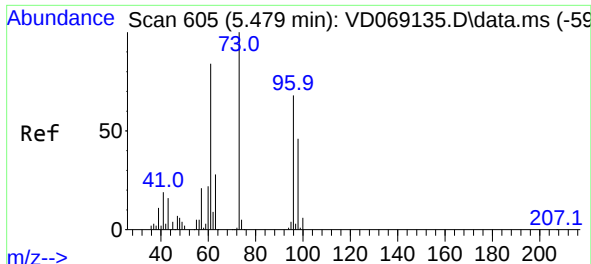
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#18  
Methyl Acetate  
Concen: 24.99 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

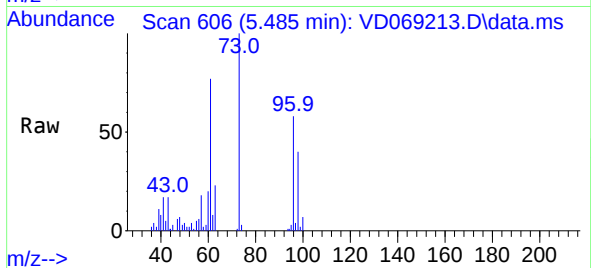
Tgt Ion: 43 Resp: 25373  
Ion Ratio Lower Upper  
43 100  
74 31.3 23.8 35.6





#19  
Methyl tert-butyl Ether  
Concen: 22.31 ug/l  
RT: 5.485 min Scan# 606  
Delta R.T. 0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

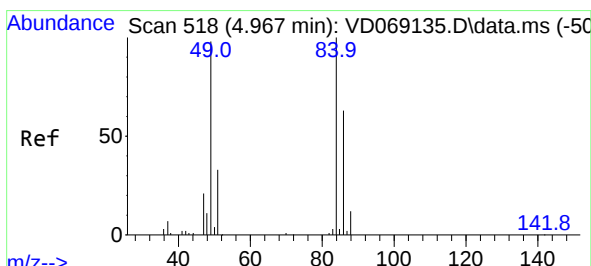
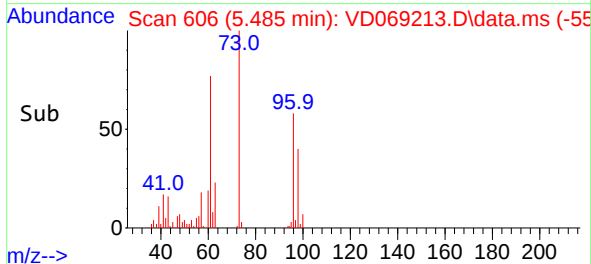
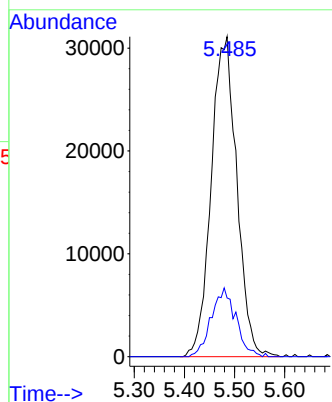
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01



Tgt Ion: 73 Resp: 110215  
Ion Ratio Lower Upper  
73 100  
57 18.3 17.1 25.7

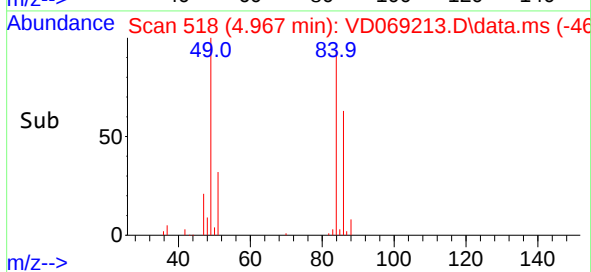
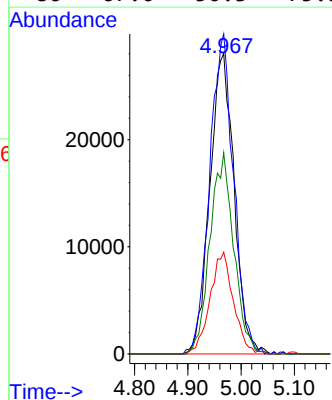
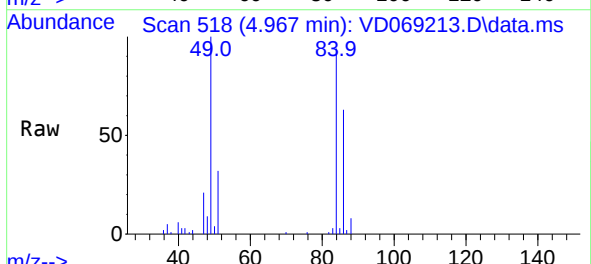
Manual Integrations  
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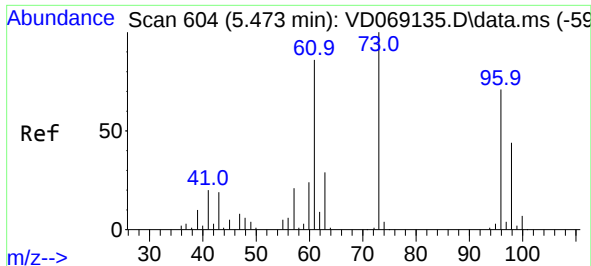
MMDadoda  
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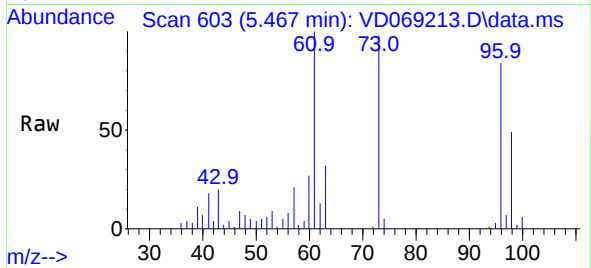
#20  
Methylene Chloride  
Concen: 20.85 ug/l  
RT: 4.967 min Scan# 518  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 84 Resp: 88892  
Ion Ratio Lower Upper  
84 100  
49 106.5 78.6 117.8  
51 33.9 26.7 40.1  
86 67.0 50.3 75.5

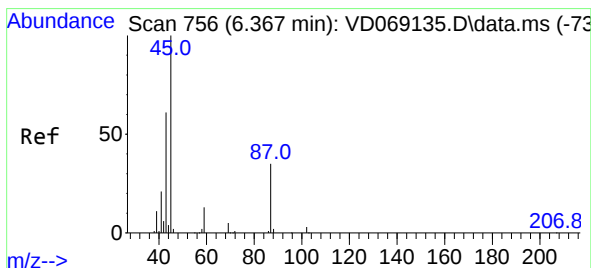
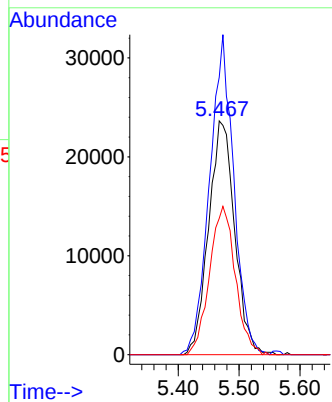
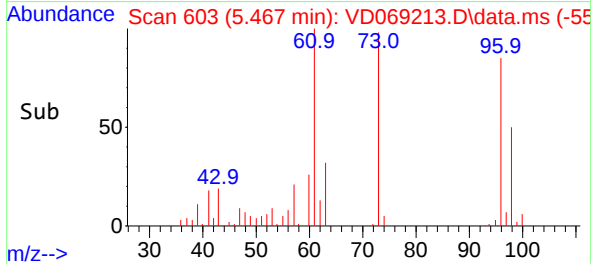




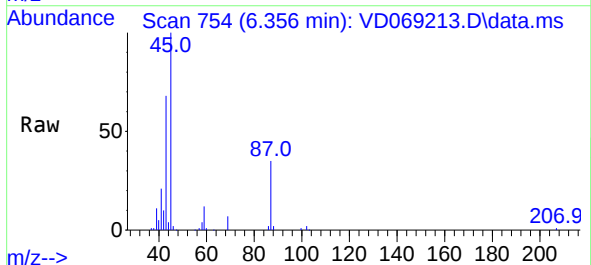
#21  
trans-1,2-Dichloroethene  
Concen: 21.79 ug/l  
RT: 5.467 min Scan# 603  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



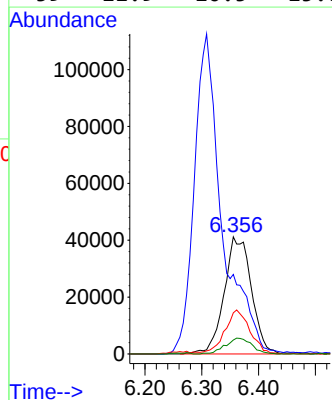
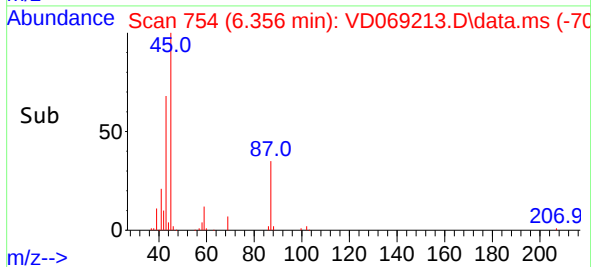
Tgt Ion: 96 Resp: 70345  
Ion Ratio Lower Upper  
96 100  
61 118.6 97.7 146.5  
98 58.3 49.4 74.2



#22  
Diisopropyl ether  
Concen: 22.92 ug/l  
RT: 6.356 min Scan# 754  
Delta R.T. -0.011 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



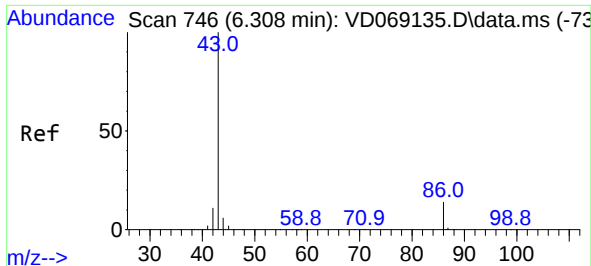
Tgt Ion: 45 Resp: 136720  
Ion Ratio Lower Upper  
45 100  
43 66.3 48.6 73.0  
87 34.7 28.5 42.7  
59 11.9 10.5 15.7



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

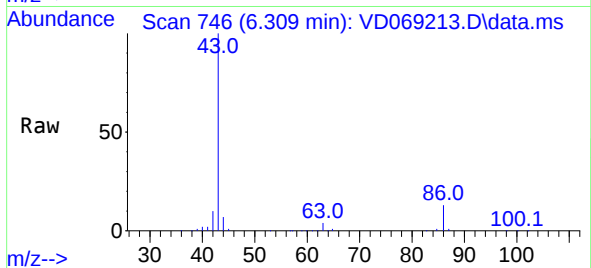
Manual Integrations  
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#23  
 Vinyl Acetate  
 Concen: 108.90 ug/l  
 RT: 6.309 min Scan# 746  
 Delta R.T. 0.000 min  
 Lab File: VD069213.D  
 Acq: 20 May 2021 12:34

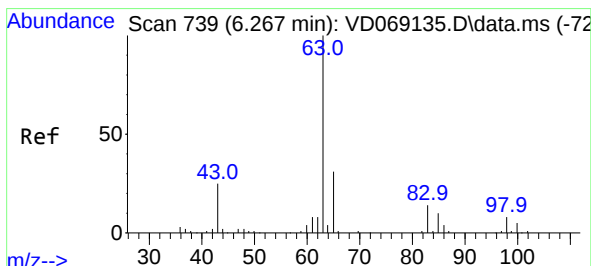
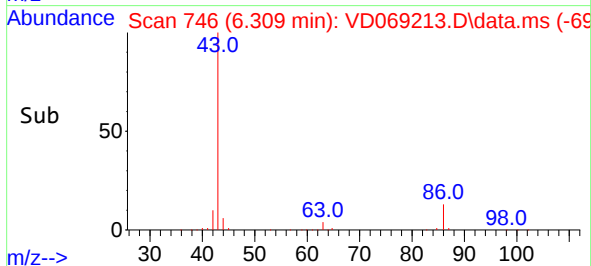
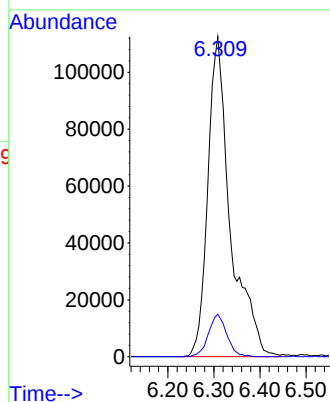
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0520SBS01



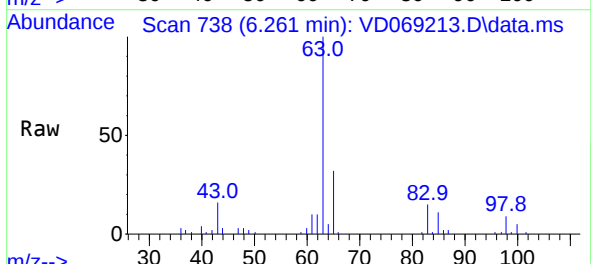
Tgt Ion: 43 Resp: 383381  
 Ion Ratio Lower Upper  
 43 100  
 86 13.3 11.1 16.7

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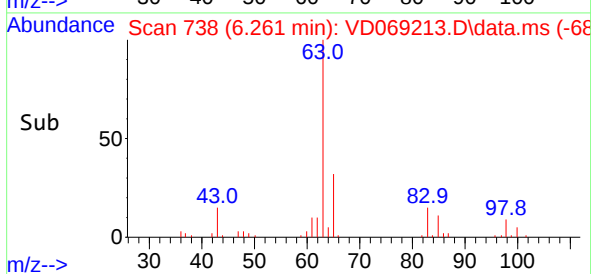
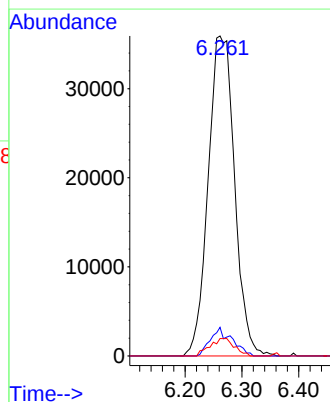
MMDadoda  
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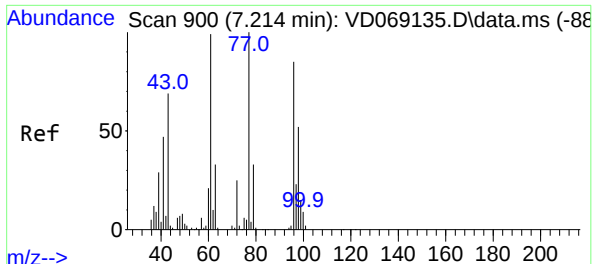


#24  
 1,1-Dichloroethane  
 Concen: 22.50 ug/l  
 RT: 6.261 min Scan# 738  
 Delta R.T. -0.006 min  
 Lab File: VD069213.D  
 Acq: 20 May 2021 12:34



Tgt Ion: 63 Resp: 115946  
 Ion Ratio Lower Upper  
 63 100  
 98 9.0 3.9 11.5  
 100 5.5 2.5 7.6





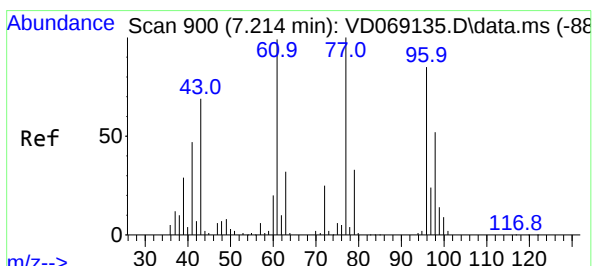
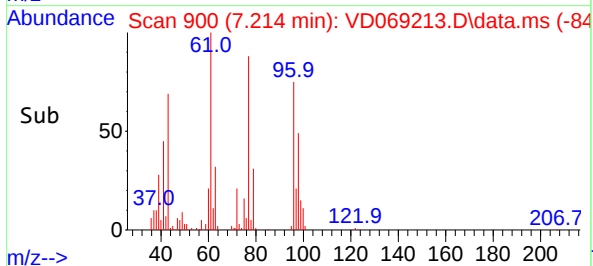
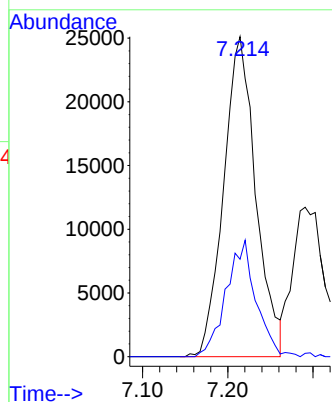
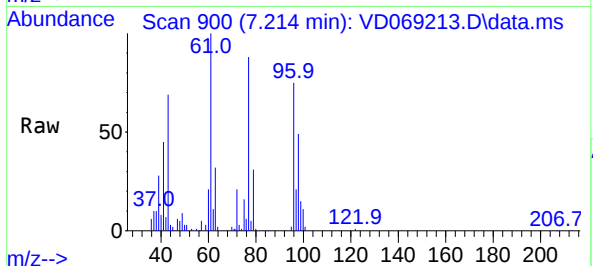
#25  
2-Butanone  
Concen: 116.57 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 43 Resp: 66007  
Ion Ratio Lower Upper  
43 100  
72 30.5 29.1 43.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

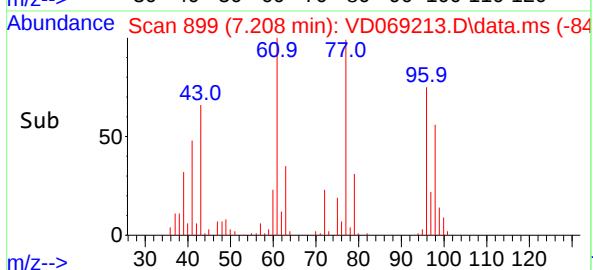
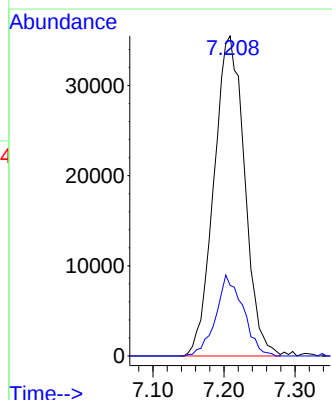
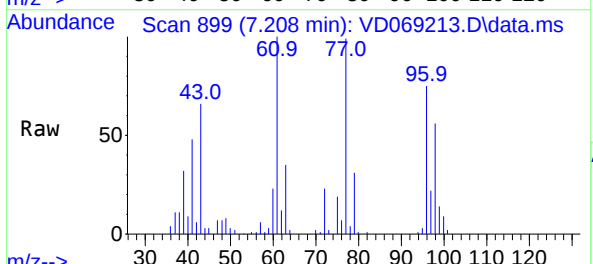
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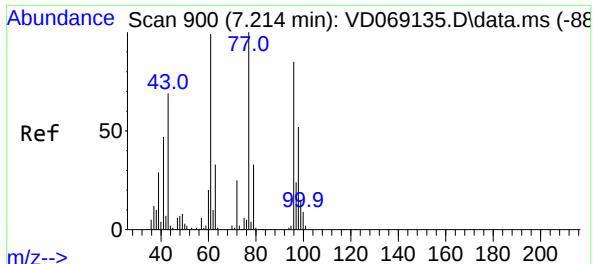
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#26  
2,2-Dichloropropane  
Concen: 22.04 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 77 Resp: 106233  
Ion Ratio Lower Upper  
77 100  
97 22.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 21.22 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD069213.D

Acq: 20 May 2021 12:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 74367 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 135.0 | 0.0   | 263.8 |
| 98       | 66.4  | 0.0   | 132.2 |

Instrument :

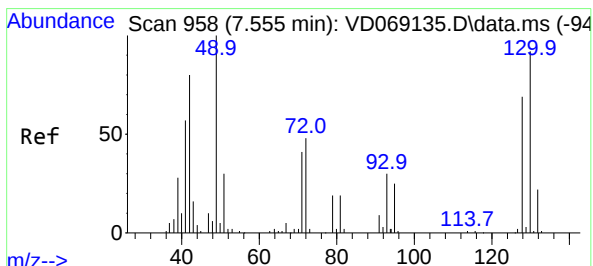
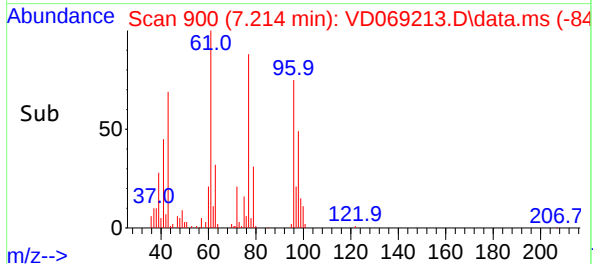
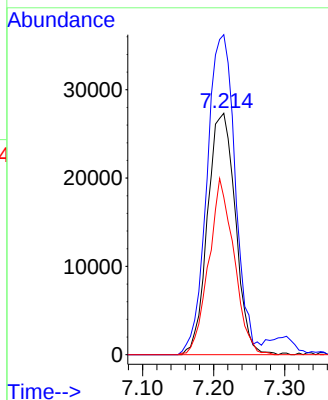
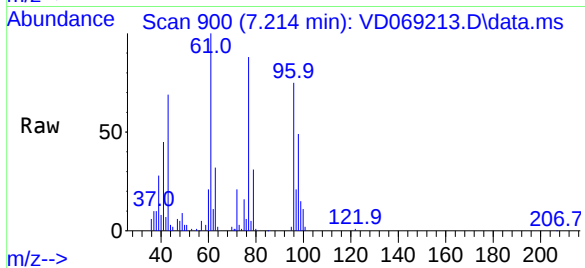
MSVOA\_D

ClientSampleId :

VD0520SBSD01

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#28

Bromochloromethane

Concen: 21.21 ug/l

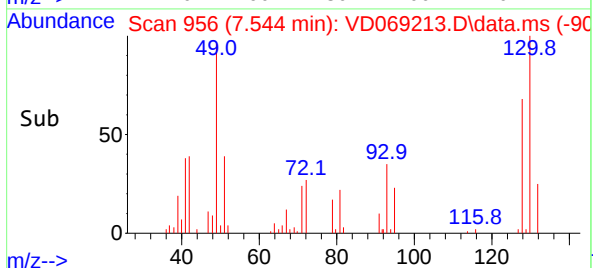
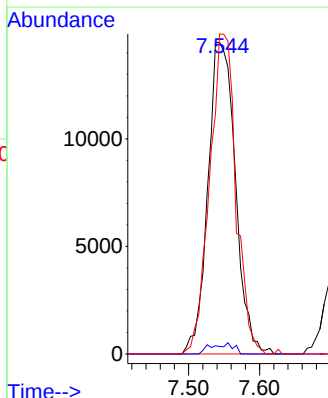
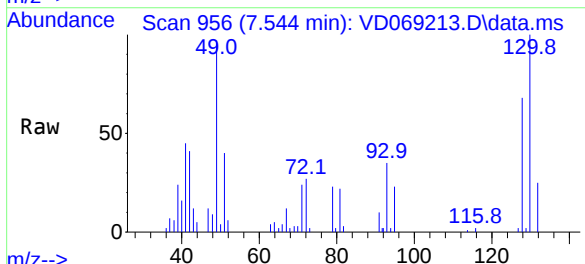
RT: 7.544 min Scan# 956

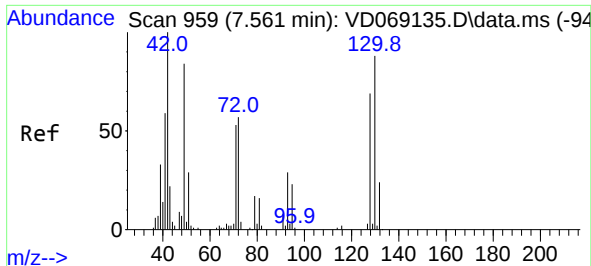
Delta R.T. -0.011 min

Lab File: VD069213.D

Acq: 20 May 2021 12:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 38958 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.8   | 0.0   | 6.4   |
| 130      | 98.2  | 75.8  | 113.6 |





#29

Tetrahydrofuran

Concen: 114.65 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD069213.D

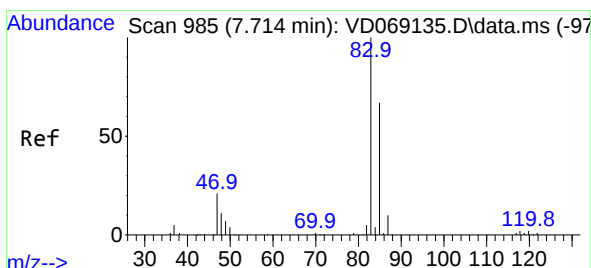
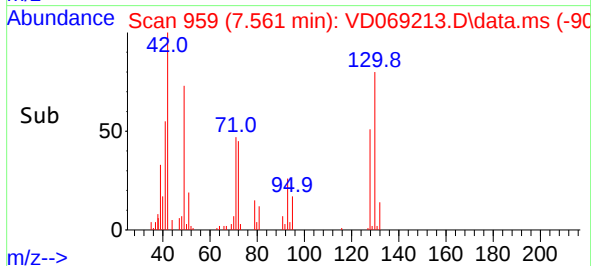
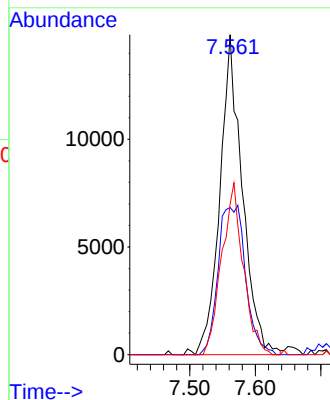
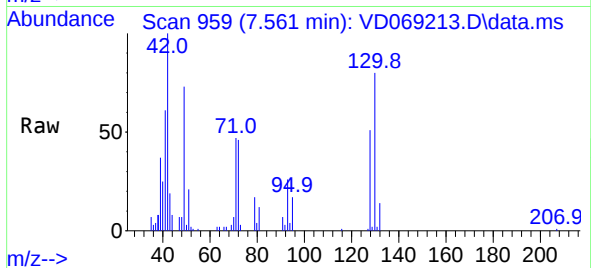
Acq: 20 May 2021 12:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 35290 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 57.0  | 45.9  | 68.9  |
| 71       | 51.7  | 42.9  | 64.3  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

Manual Integrations  
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#30

Chloroform

Concen: 22.15 ug/l

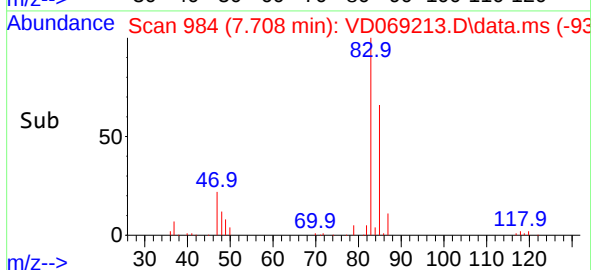
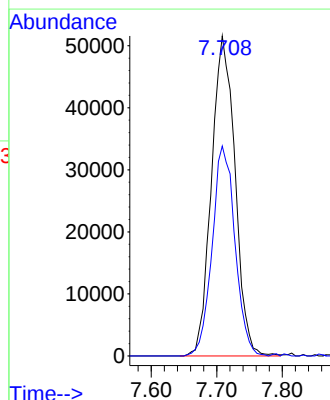
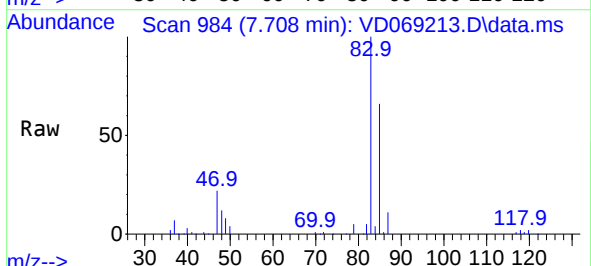
RT: 7.708 min Scan# 984

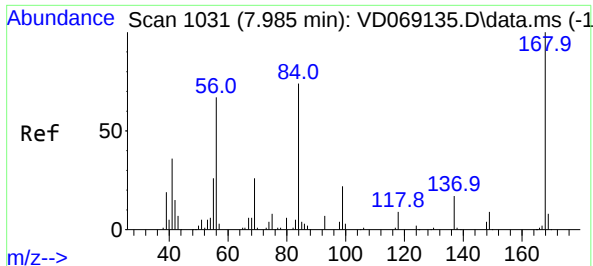
Delta R.T. -0.006 min

Lab File: VD069213.D

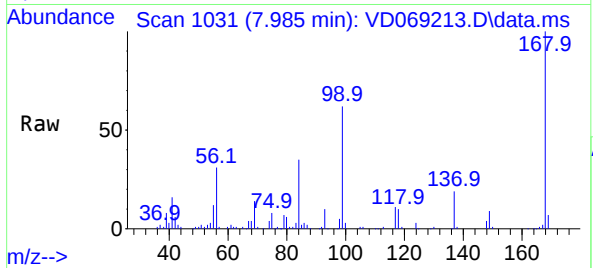
Acq: 20 May 2021 12:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 128502 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.6  | 54.0  | 81.0   |

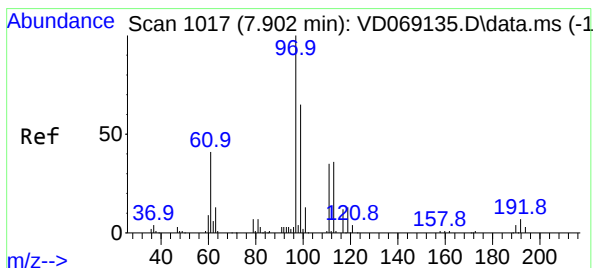
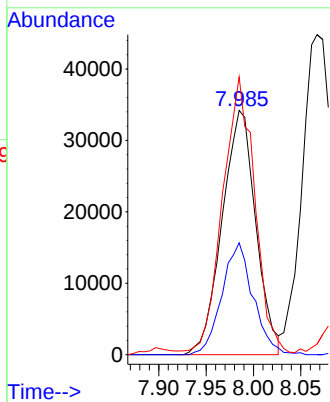
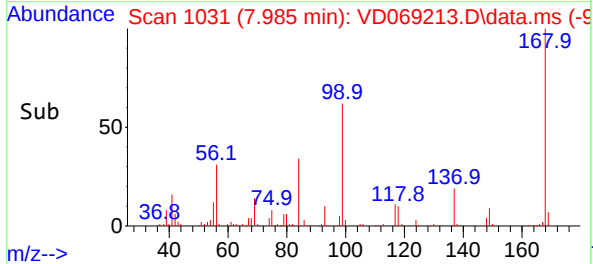




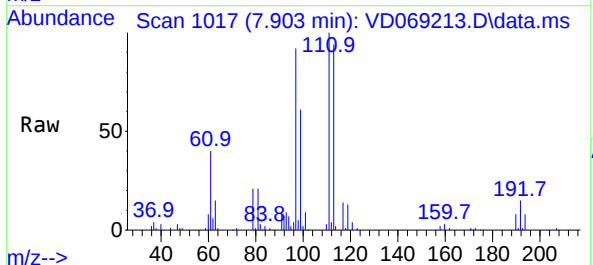
#31  
Cyclohexane  
Concen: 20.92 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



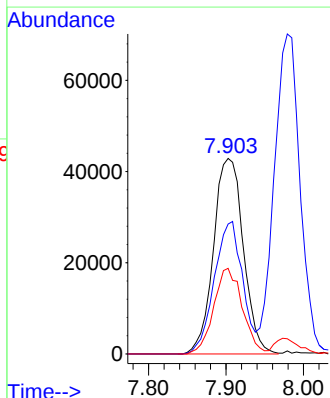
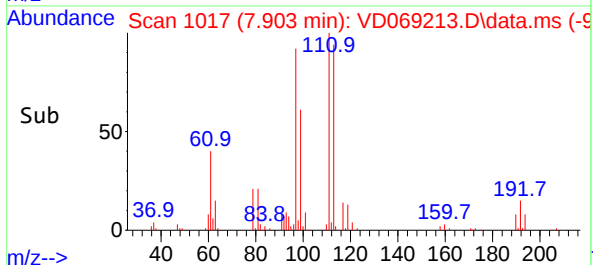
Tgt Ion: 56 Resp: 84594  
Ion Ratio Lower Upper  
56 100  
69 45.8 30.6 46.0  
84 112.2 88.0 132.0



#32  
1,1,1-Trichloroethane  
Concen: 21.81 ug/l  
RT: 7.903 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



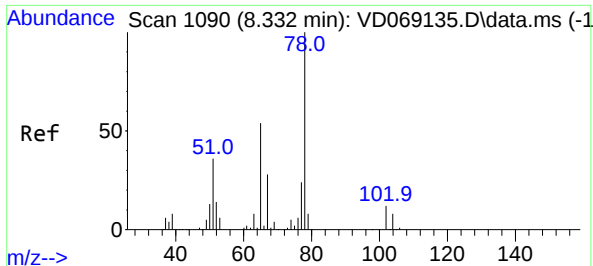
Tgt Ion: 97 Resp: 114836  
Ion Ratio Lower Upper  
97 100  
99 64.2 51.5 77.3  
61 41.9 32.5 48.7



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

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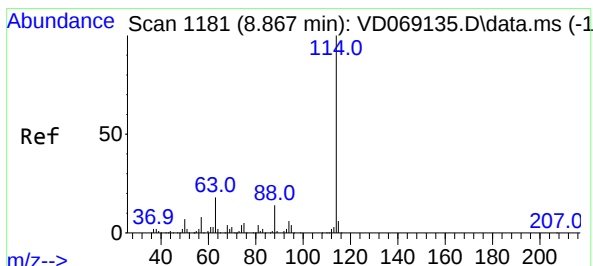
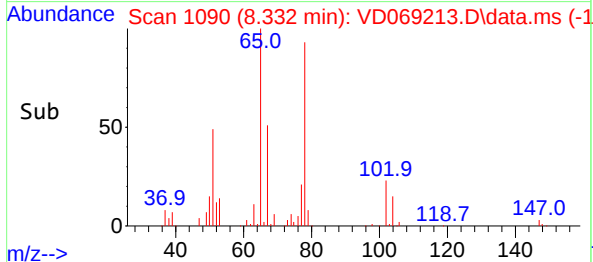
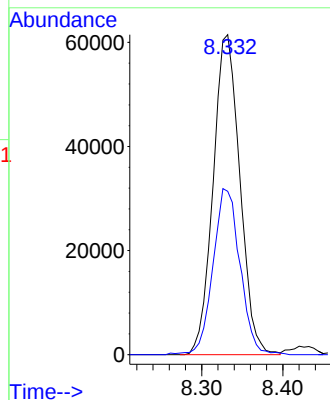
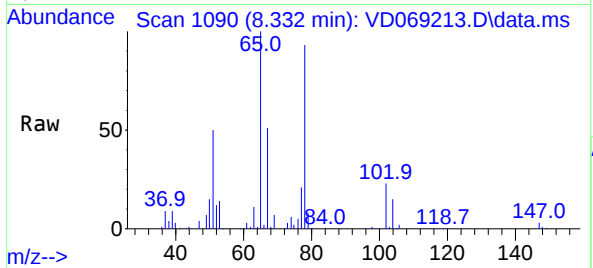
#33  
1,2-Dichloroethane-d4  
Concen: 51.58 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 65 Resp: 140732  
Ion Ratio Lower Upper  
65 100  
67 52.4 0.0 108.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

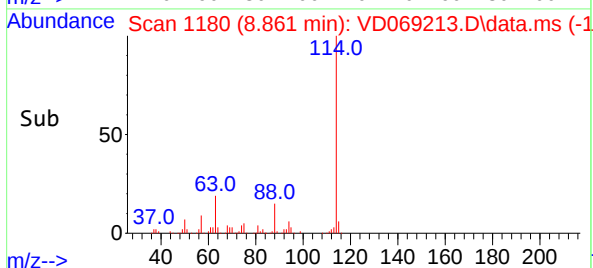
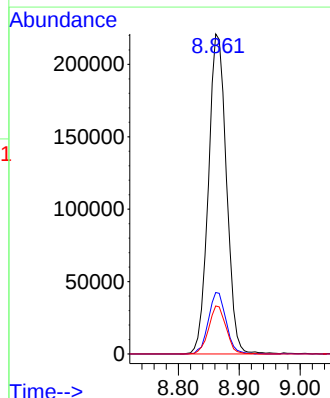
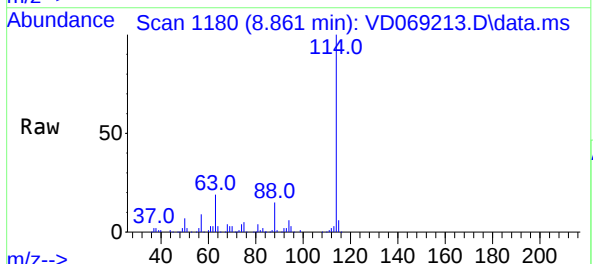
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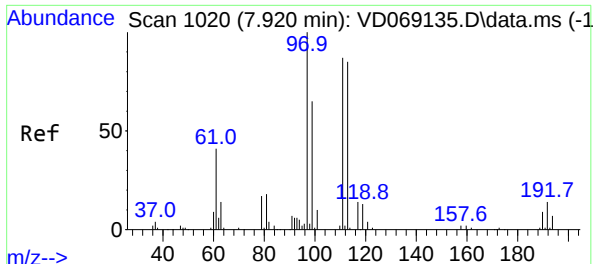
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#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 114 Resp: 454943  
Ion Ratio Lower Upper  
114 100  
63 19.2 0.0 36.4  
88 15.0 0.0 28.2





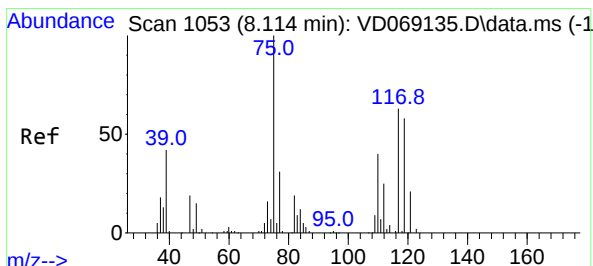
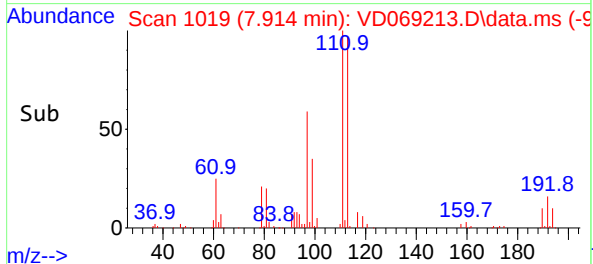
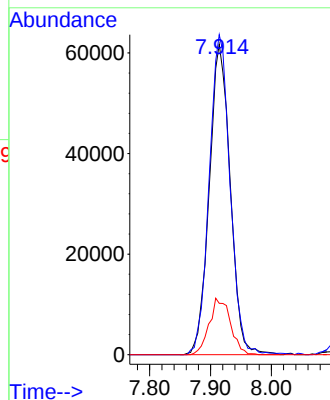
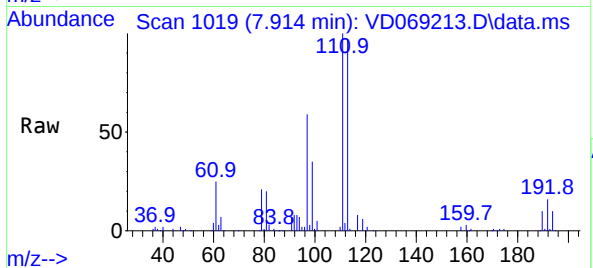
#35  
Dibromofluoromethane  
Concen: 49.92 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 113 Resp: 147785  
Ion Ratio Lower Upper  
113 100  
111 102.7 80.6 120.8  
192 18.4 14.8 22.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

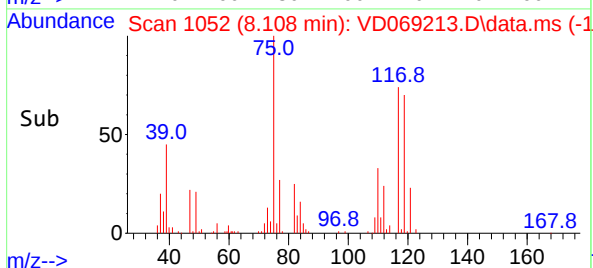
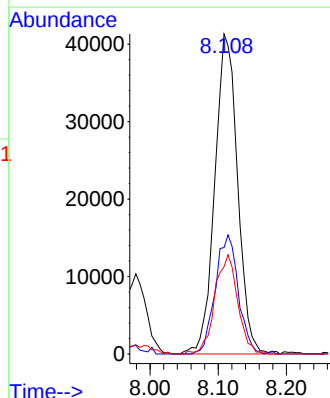
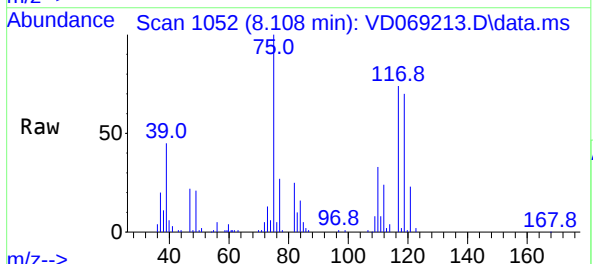
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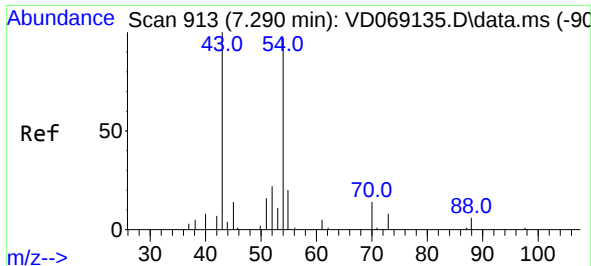
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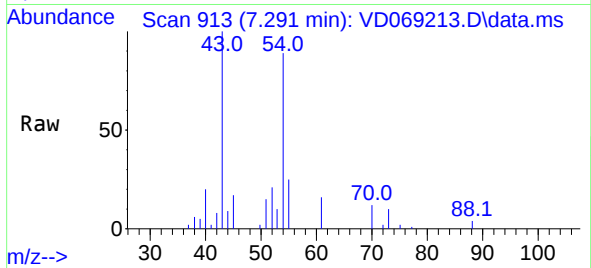
#36  
1,1-Dichloropropene  
Concen: 21.73 ug/l  
RT: 8.108 min Scan# 1052  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 75 Resp: 96099  
Ion Ratio Lower Upper  
75 100  
110 37.5 18.8 56.4  
77 31.1 25.2 37.8

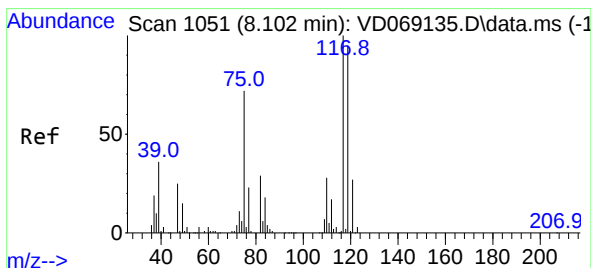
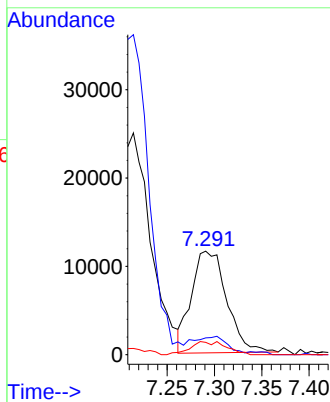
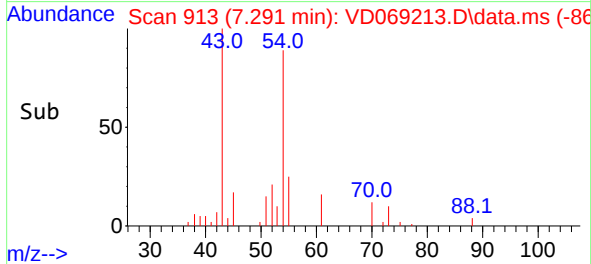




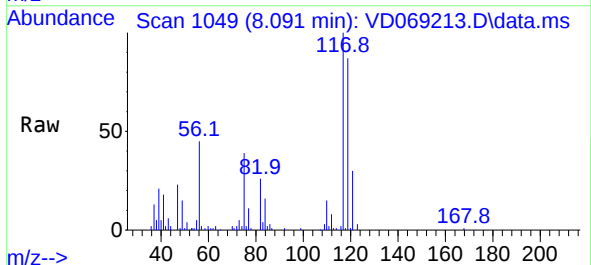
#37  
Ethyl Acetate  
Concen: 21.05 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



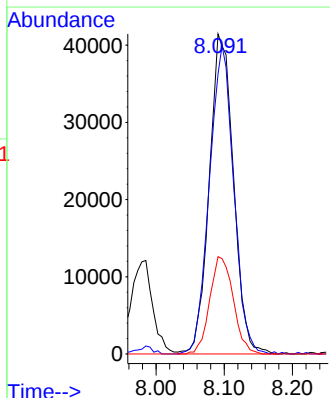
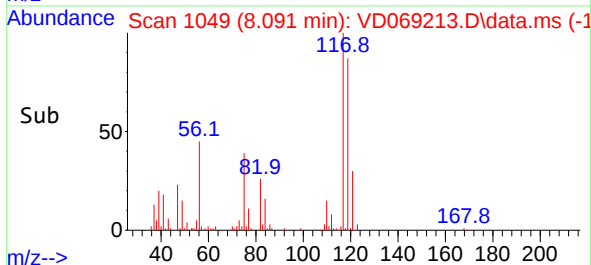
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 29913 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 15.4  | 11.5  | 17.3  |
| 70        | 13.1  | 10.4  | 15.6  |



#38  
Carbon Tetrachloride  
Concen: 20.70 ug/l  
RT: 8.091 min Scan# 1049  
Delta R.T. -0.011 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



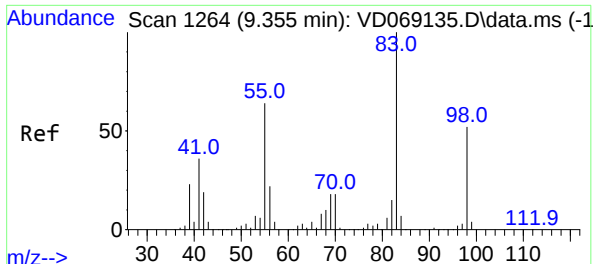
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 102367 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 87.5  | 76.2  | 114.2  |
| 121       | 30.4  | 21.9  | 32.9   |



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

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#39

Methylcyclohexane

Concen: 19.98 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD069213.D

Acq: 20 May 2021 12:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 93197 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 67.8  | 51.2  | 76.8  |
| 98       | 49.3  | 41.4  | 62.2  |

Instrument :

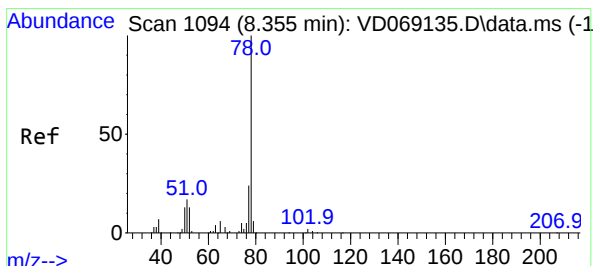
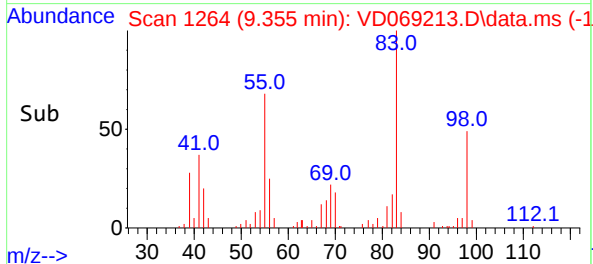
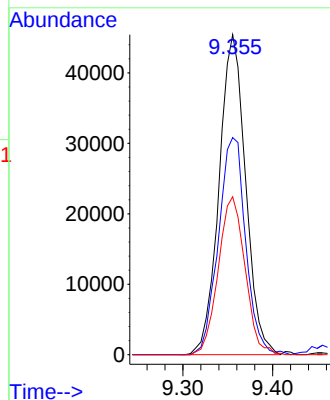
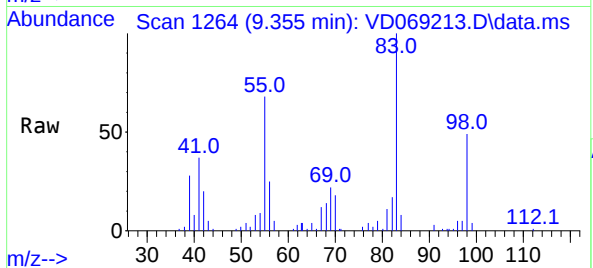
MSVOA\_D

ClientSampleId :

VD0520SBS01

Manual Integrations  
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#40

Benzene

Concen: 21.65 ug/l

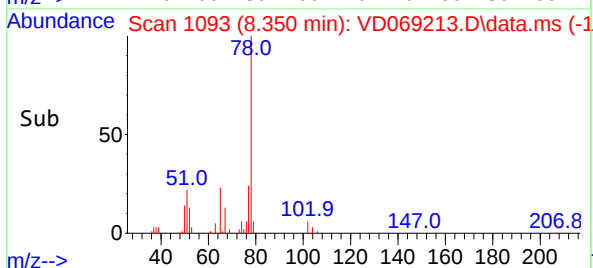
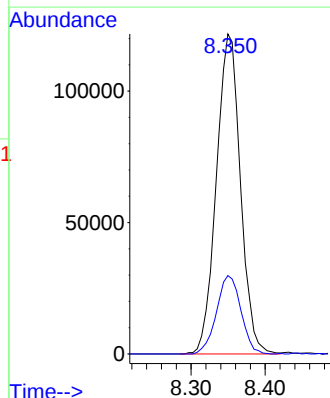
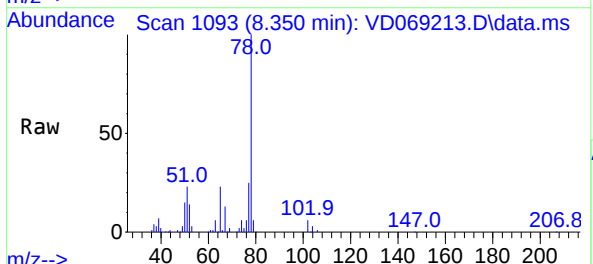
RT: 8.350 min Scan# 1093

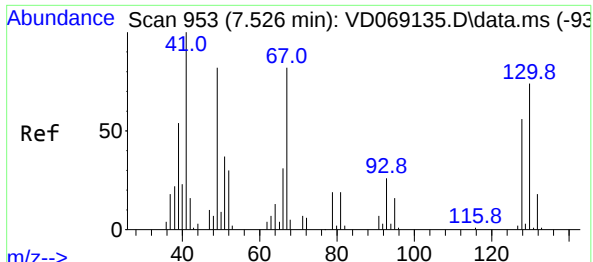
Delta R.T. -0.006 min

Lab File: VD069213.D

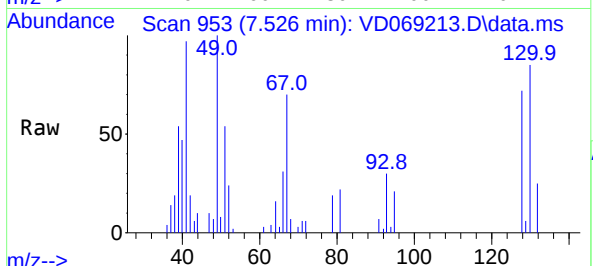
Acq: 20 May 2021 12:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 274259 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 24.5  | 19.1  | 28.7   |

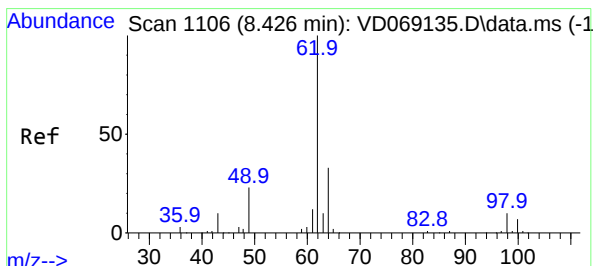
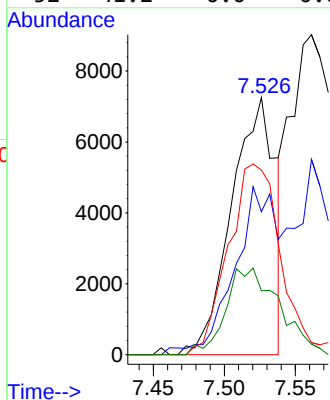
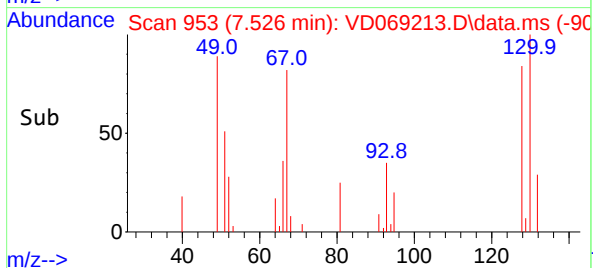




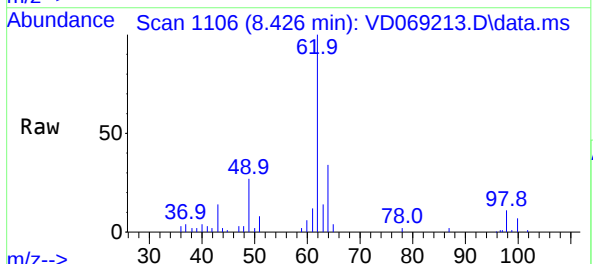
#41  
Methacrylonitrile  
Concen: 20.56 ug/l  
RT: 7.526 min Scan# 953  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



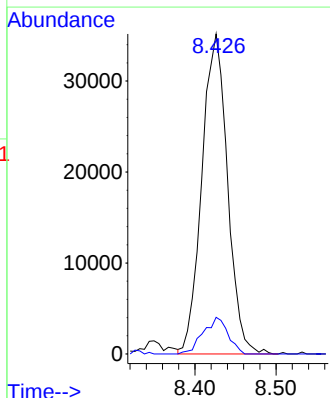
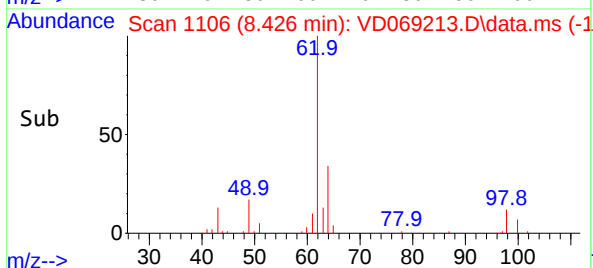
Tgt Ion: 41 Resp: 15554  
Ion Ratio Lower Upper  
41 100  
39 77.8 58.0 87.0  
67 88.4 0.0 0.0#  
52 41.2 0.0 0.0#



#42  
1,2-Dichloroethane  
Concen: 22.34 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



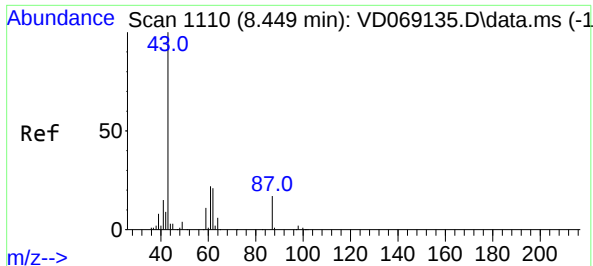
Tgt Ion: 62 Resp: 77283  
Ion Ratio Lower Upper  
62 100  
98 11.1 0.0 20.6



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBS01

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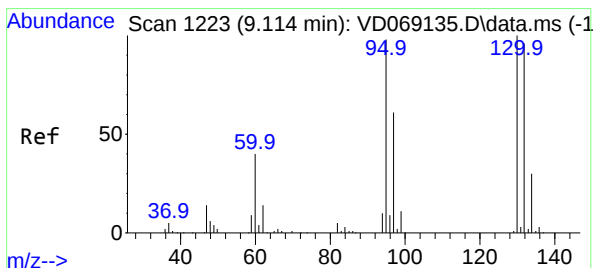
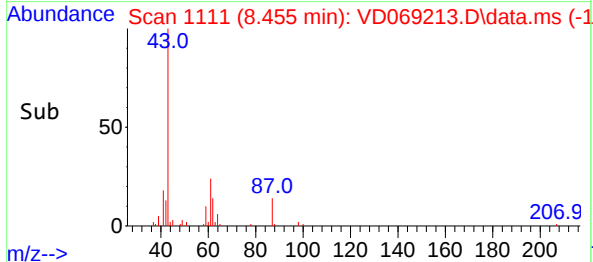
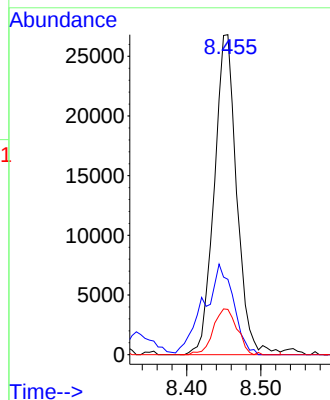
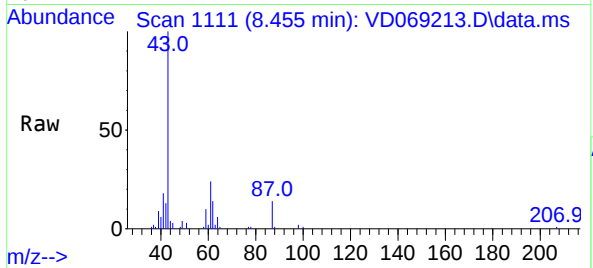
#43  
Isopropyl Acetate  
Concen: 21.91 ug/l  
RT: 8.455 min Scan# 1111  
Delta R.T. 0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 56537 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 37.6  | 28.6  | 42.8  |
| 87        | 15.2  | 13.8  | 20.8  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBS01

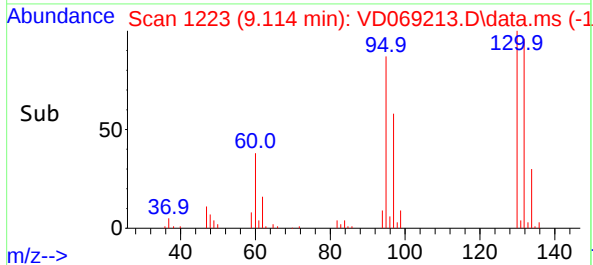
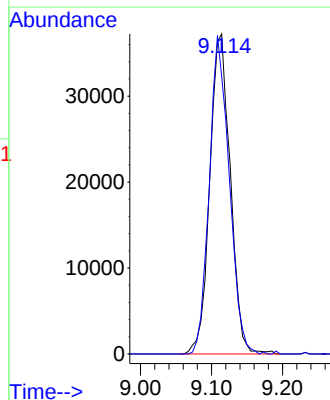
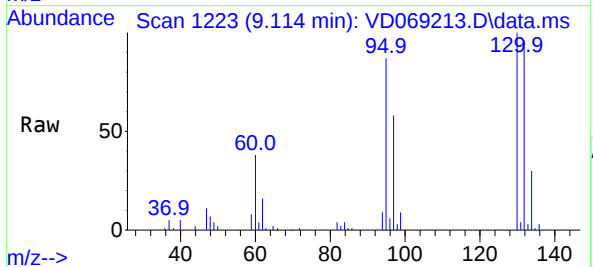
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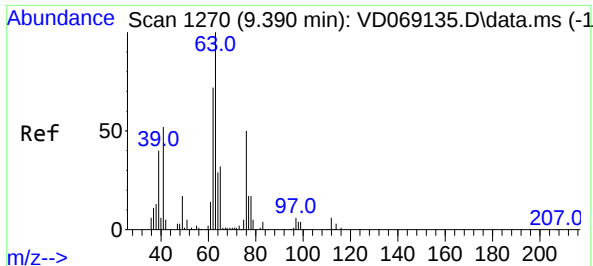
MMDadoda  
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#44  
Trichloroethene  
Concen: 21.06 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 130   | Resp: | 74586 |
| Ion Ratio | Lower | Upper |       |
| 130       | 100   |       |       |
| 95        | 86.9  | 0.0   | 196.2 |





#45

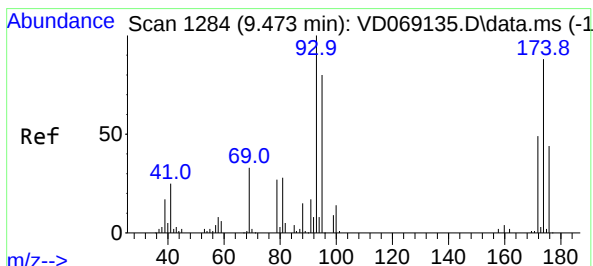
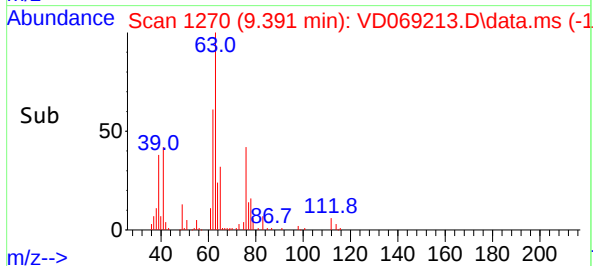
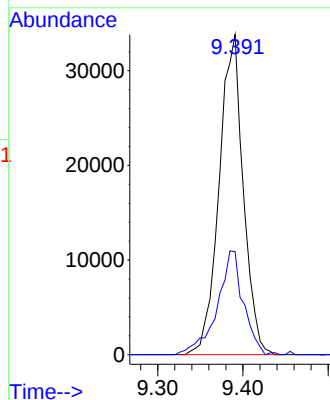
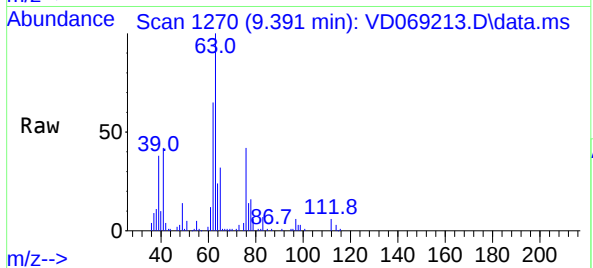
1,2-Dichloropropane  
Concen: 22.27 ug/l  
RT: 9.391 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 63 Resp: 66604  
Ion Ratio Lower Upper  
63 100  
65 32.2 25.9 38.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

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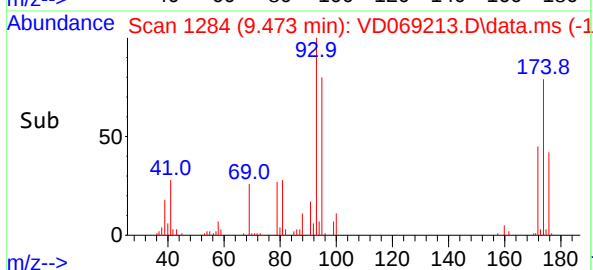
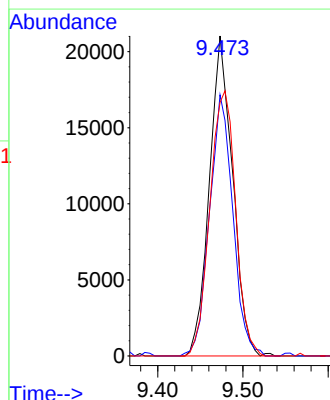
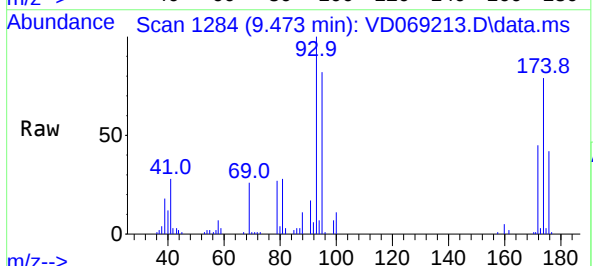
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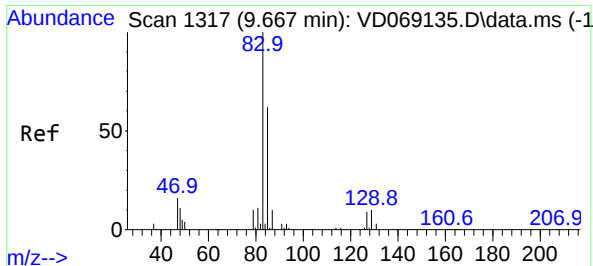


#46

Dibromomethane  
Concen: 22.34 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

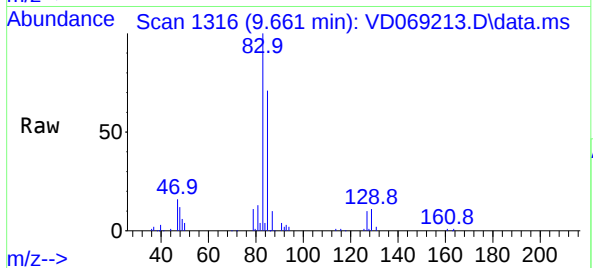
Tgt Ion: 93 Resp: 39932  
Ion Ratio Lower Upper  
93 100  
95 81.7 65.9 98.9  
174 91.3 76.6 115.0





#47  
Bromodichloromethane  
Concen: 21.98 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

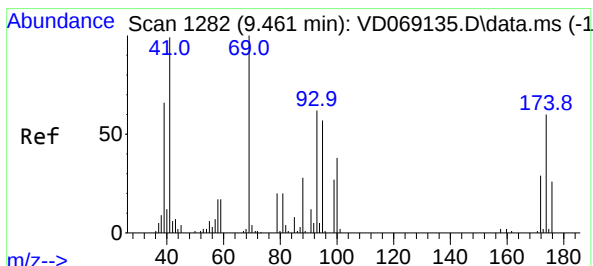
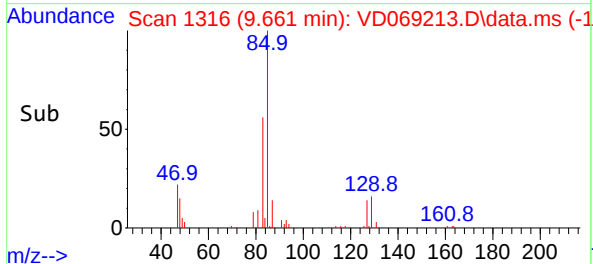
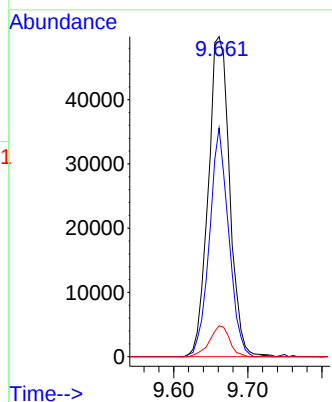
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01



Tgt Ion: 83 Resp: 100004  
Ion Ratio Lower Upper  
83 100  
85 71.5 50.0 75.0  
127 9.7 7.1 10.7

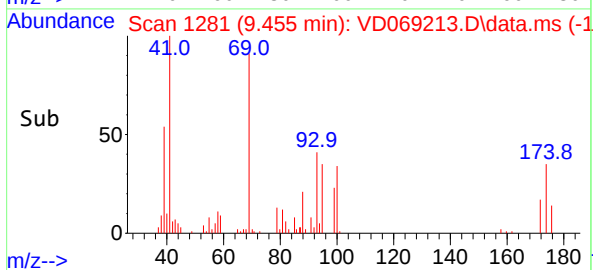
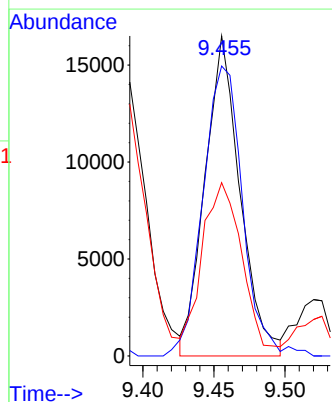
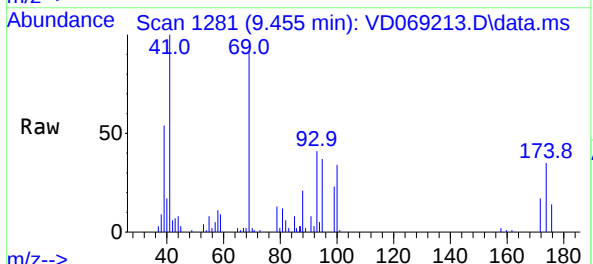
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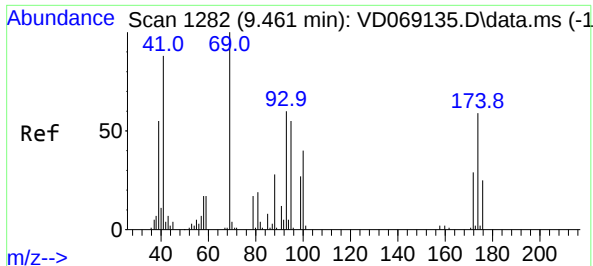
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#48  
Methyl methacrylate  
Concen: 23.75 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 41 Resp: 28344  
Ion Ratio Lower Upper  
41 100  
69 102.5 88.0 132.0  
39 55.9 51.4 77.0





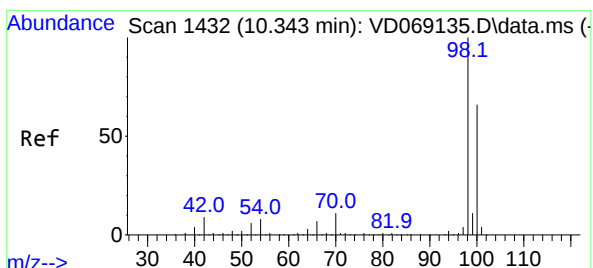
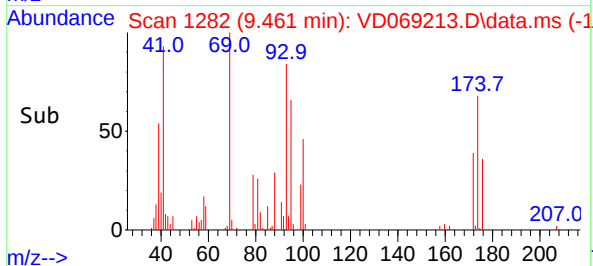
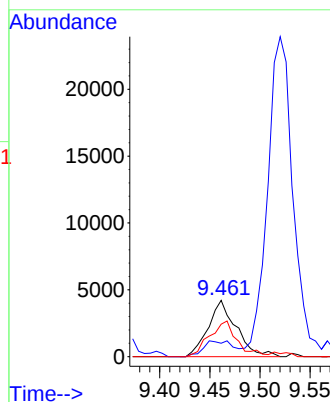
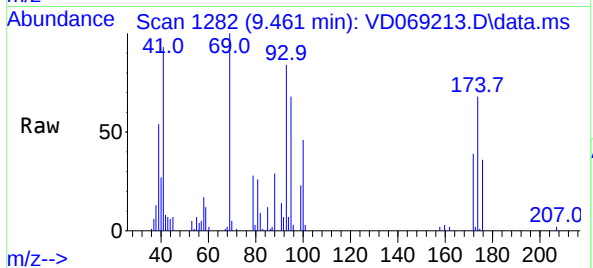
#49  
1,4-Dioxane  
Concen: 461.38 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 88    | Resp: | 8202 |
| Ion Ratio | Lower | Upper |      |
| 88        | 100   |       |      |
| 43        | 29.4  | 26.7  | 40.1 |
| 58        | 62.7  | 45.8  | 68.6 |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

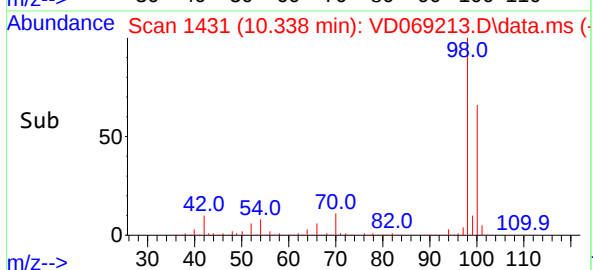
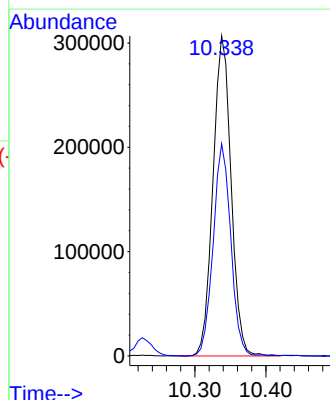
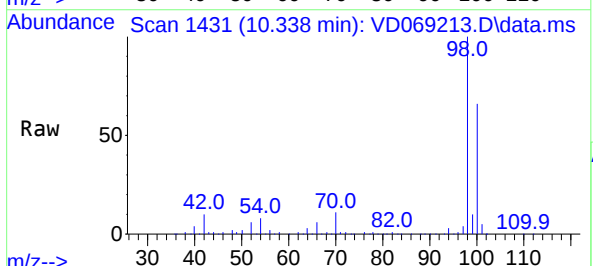
Manual Integrations  
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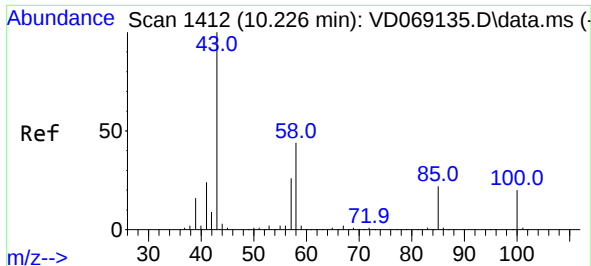
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#50  
Toluene-d8  
Concen: 49.87 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 98    | Resp: | 542474 |
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 64.5  | 51.8  | 77.8   |





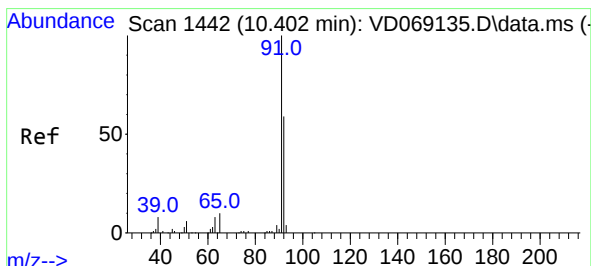
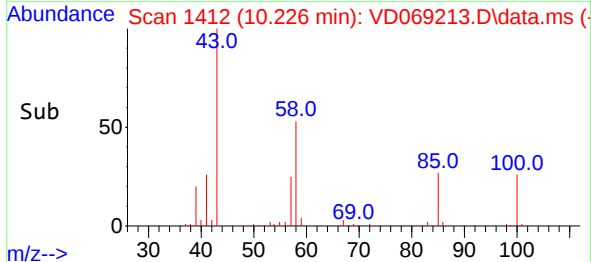
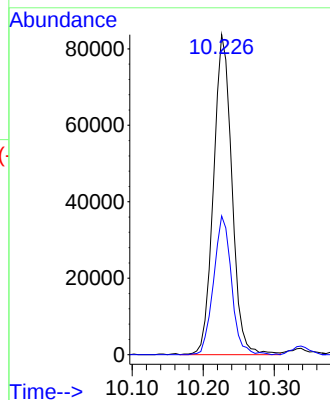
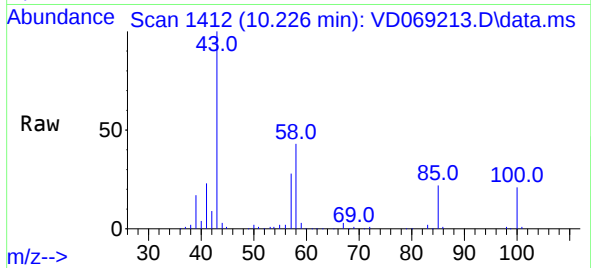
#51  
4-Methyl-2-Pentanone  
Concen: 113.18 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 43 Resp: 150273  
Ion Ratio Lower Upper  
43 100  
58 42.2 35.0 52.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBS01

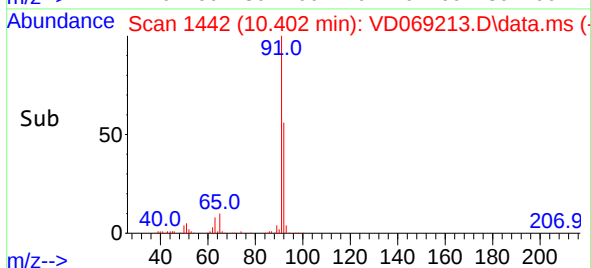
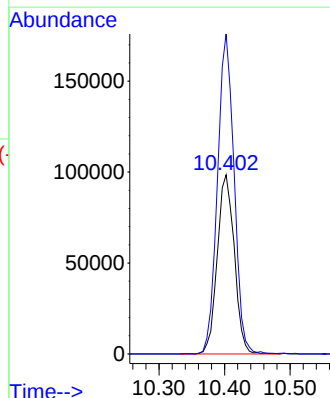
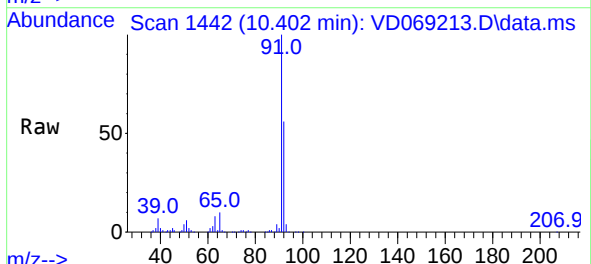
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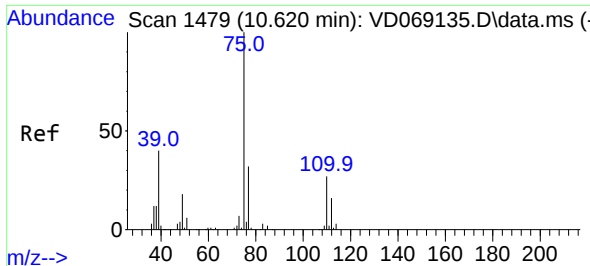
MMDadoda  
5/21/2021 1:48:02 PM



#52  
Toluene  
Concen: 21.69 ug/l  
RT: 10.402 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 92 Resp: 177345  
Ion Ratio Lower Upper  
92 100  
91 174.2 136.2 204.2





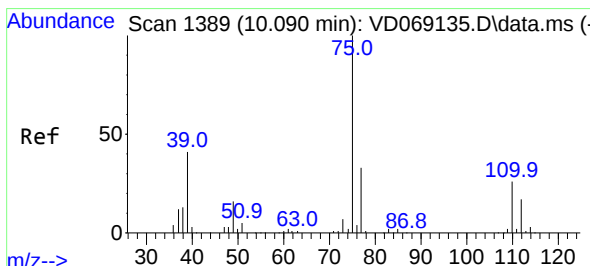
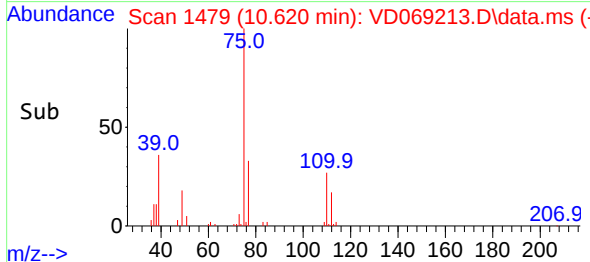
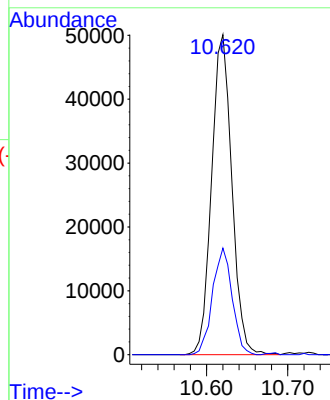
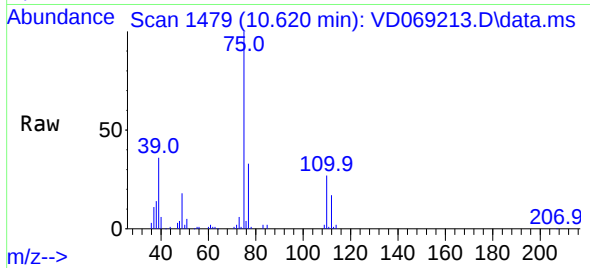
#53  
t-1,3-Dichloropropene  
Concen: 21.70 ug/l  
RT: 10.620 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 75 Resp: 86746  
Ion Ratio Lower Upper  
75 100  
77 33.3 26.0 39.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBS01

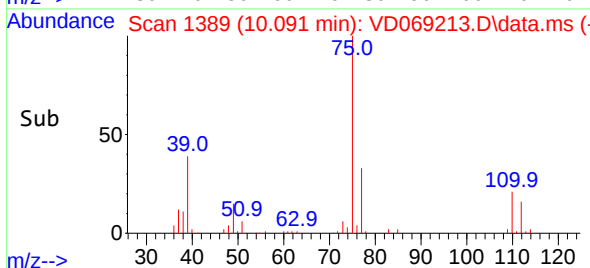
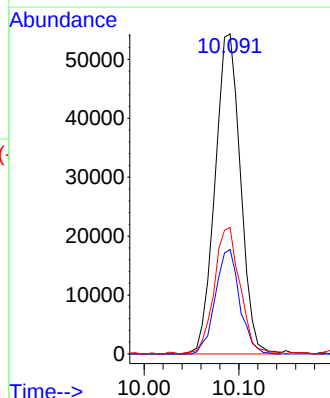
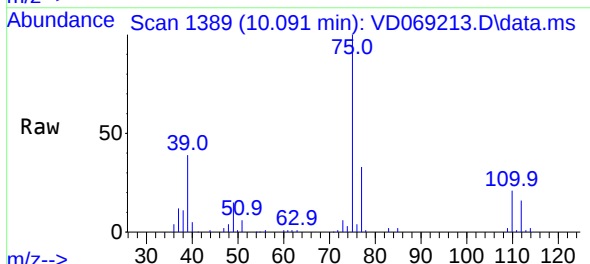
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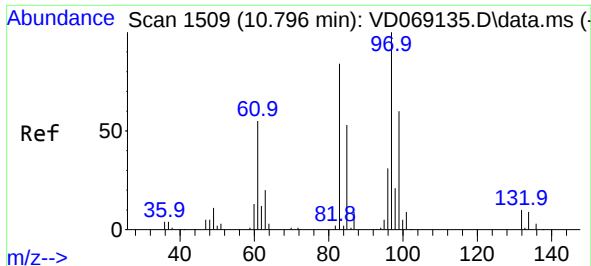
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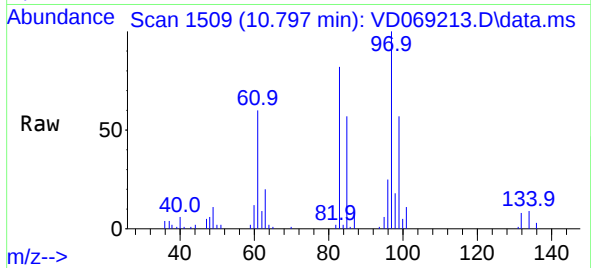
#54  
cis-1,3-Dichloropropene  
Concen: 21.22 ug/l  
RT: 10.091 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 75 Resp: 101389  
Ion Ratio Lower Upper  
75 100  
77 32.6 26.2 39.4  
39 39.5 32.9 49.3

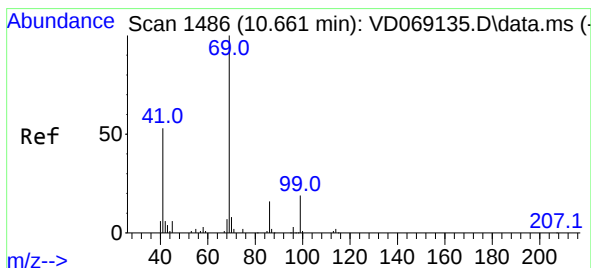
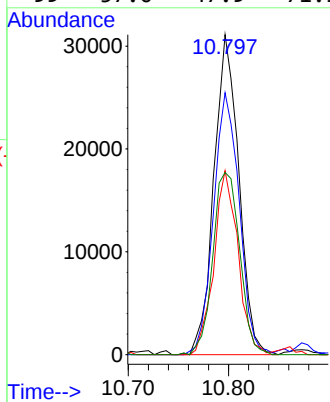
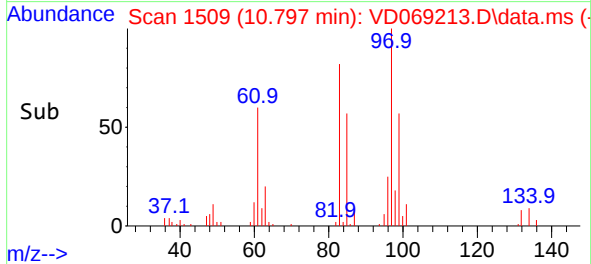




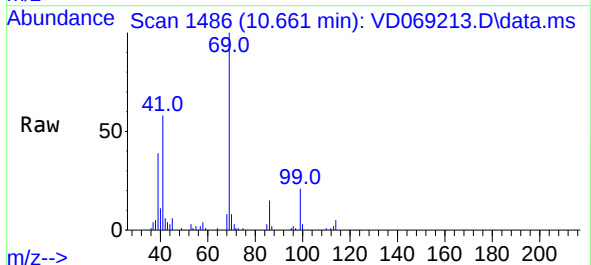
#55  
1,1,2-Trichloroethane  
Concen: 22.27 ug/l  
RT: 10.797 min Scan# 1509  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



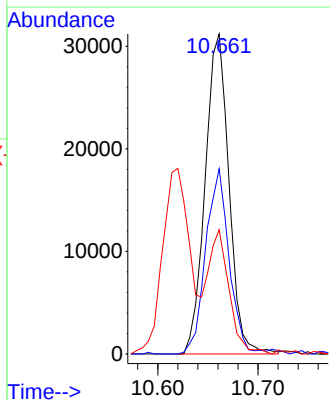
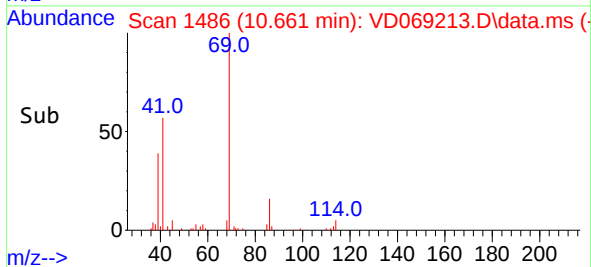
| Tgt Ion: | 97    | Resp: | 53667 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.9  | 66.9  | 100.3 |
| 85       | 57.5  | 42.2  | 63.4  |
| 99       | 57.0  | 47.9  | 71.9  |



#56  
Ethyl methacrylate  
Concen: 20.42 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



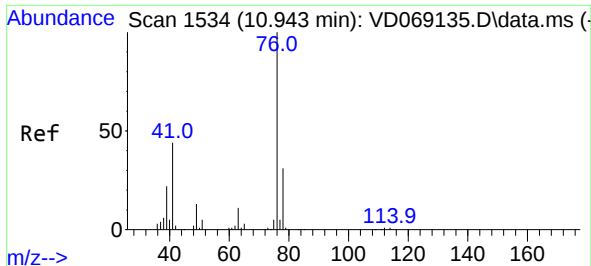
| Tgt Ion: | 69    | Resp: | 51575 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 56.4  | 42.2  | 63.2  |
| 39       | 33.6  | 26.3  | 39.5  |



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

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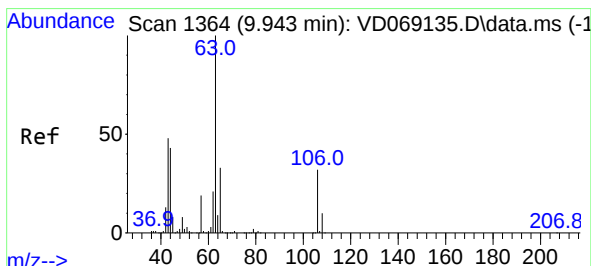
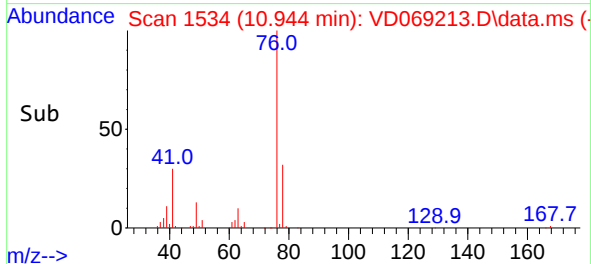
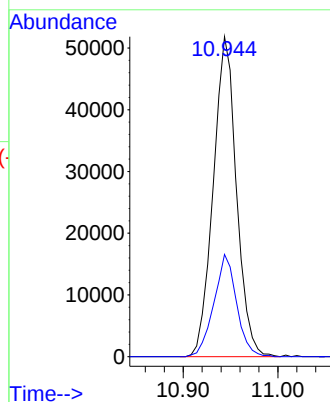
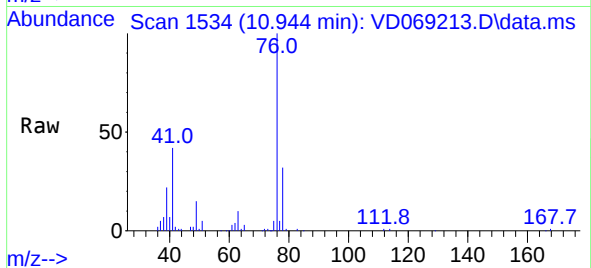
#57  
1,3-Dichloropropane  
Concen: 22.67 ug/l  
RT: 10.944 min Scan# 1534  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 76 Resp: 88265  
Ion Ratio Lower Upper  
76 100  
78 31.3 25.7 38.5

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

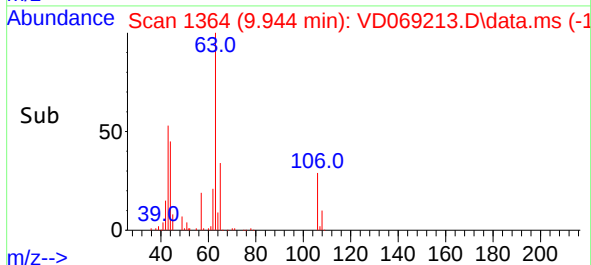
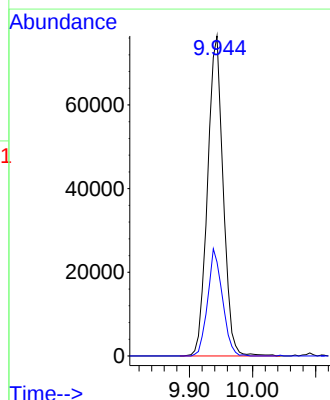
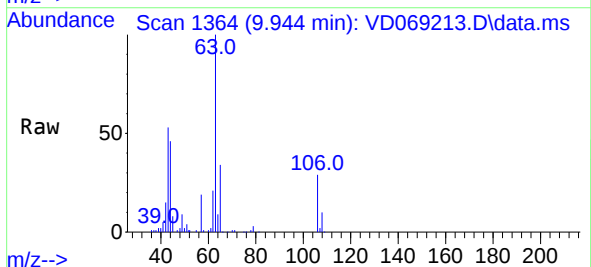
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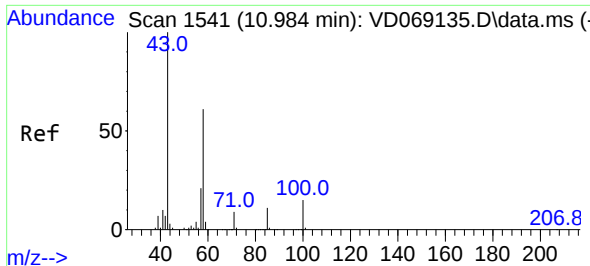
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#58  
2-Chloroethyl Vinyl ether  
Concen: 110.04 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

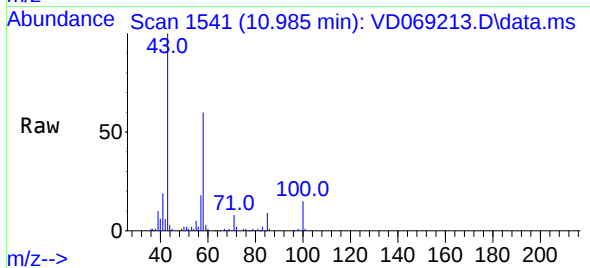
Tgt Ion: 63 Resp: 131258  
Ion Ratio Lower Upper  
63 100  
106 31.7 25.3 37.9





#59  
2-Hexanone  
Concen: 114.30 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

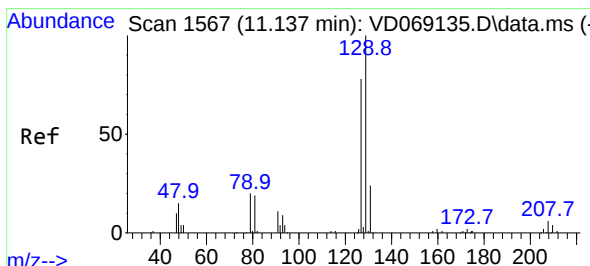
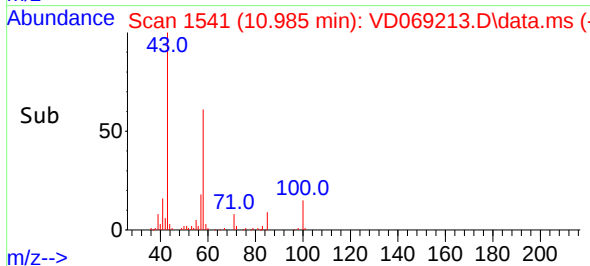
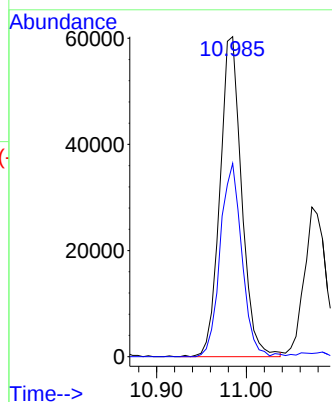
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01



Tgt Ion: 43 Resp: 101264  
Ion Ratio Lower Upper  
43 100  
58 60.4 31.1 93.5

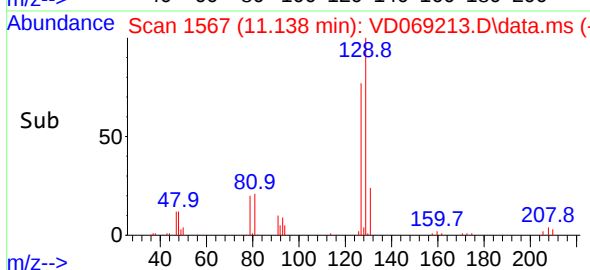
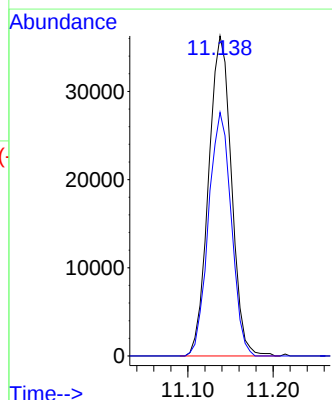
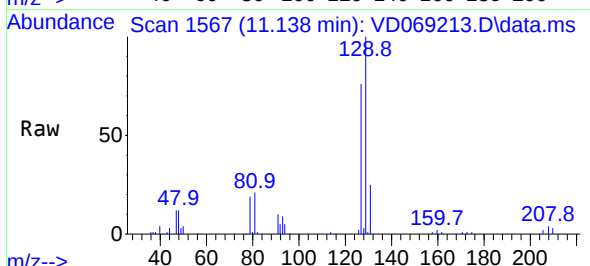
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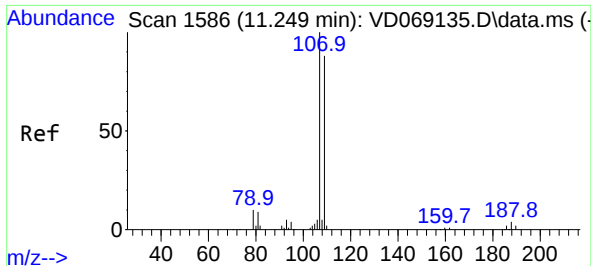
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#60  
Dibromochloromethane  
Concen: 21.85 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

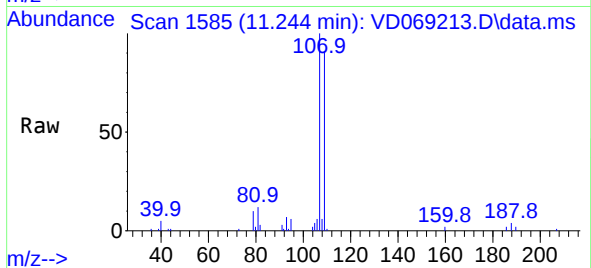
Tgt Ion: 129 Resp: 67612  
Ion Ratio Lower Upper  
129 100  
127 75.8 38.5 115.5





#61  
1,2-Dibromoethane  
Concen: 21.21 ug/l  
RT: 11.244 min Scan# 1585  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

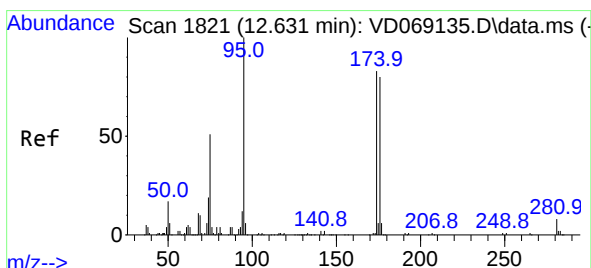
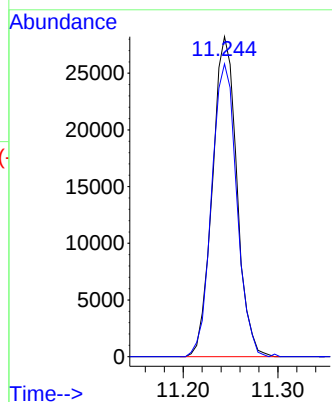
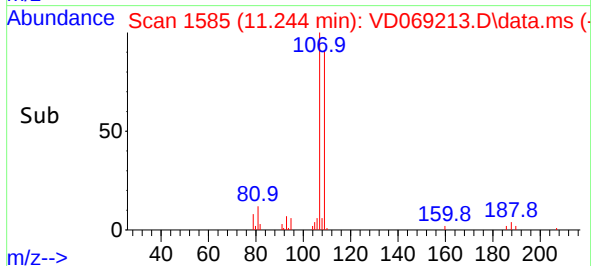
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBS01



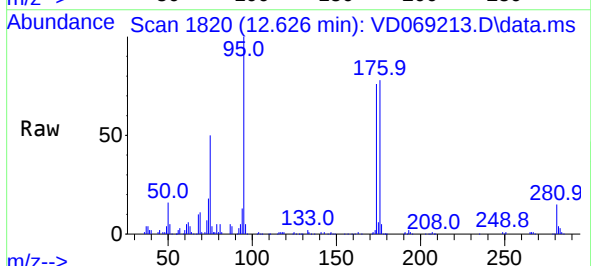
Tgt Ion:107 Resp: 50496  
Ion Ratio Lower Upper  
107 100  
109 93.9 73.6 110.4

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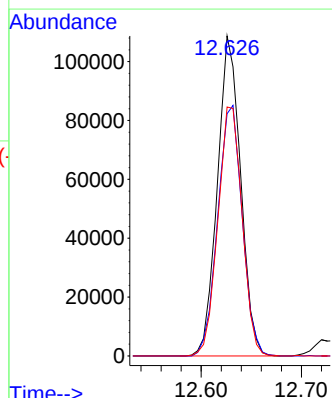
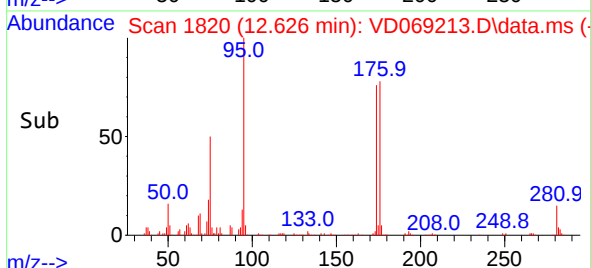
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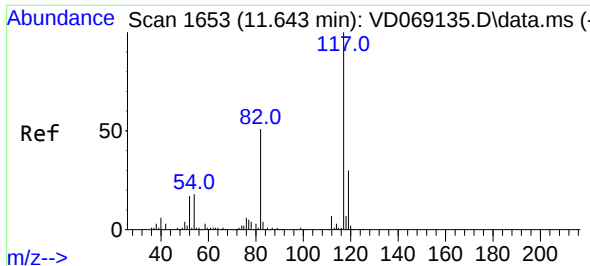


#62  
4-Bromofluorobenzene  
Concen: 49.99 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



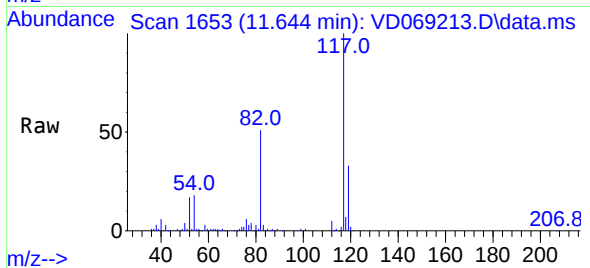
Tgt Ion: 95 Resp: 174994  
Ion Ratio Lower Upper  
95 100  
174 82.5 0.0 171.8  
176 81.0 0.0 165.4





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

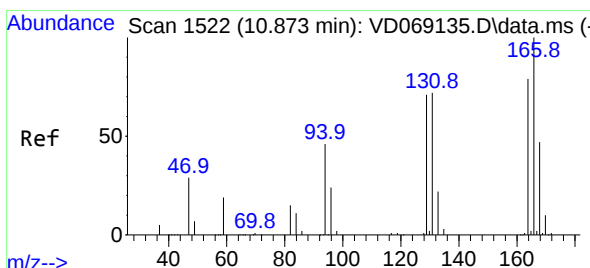
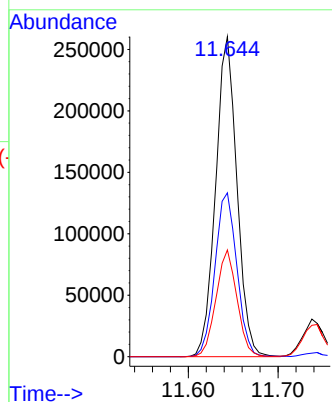
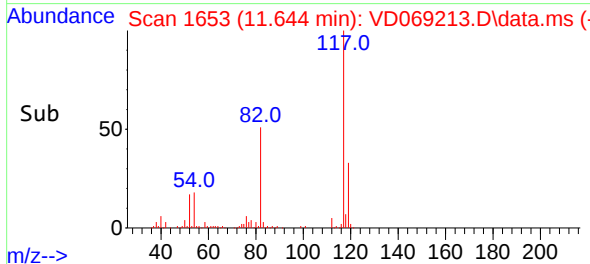
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01



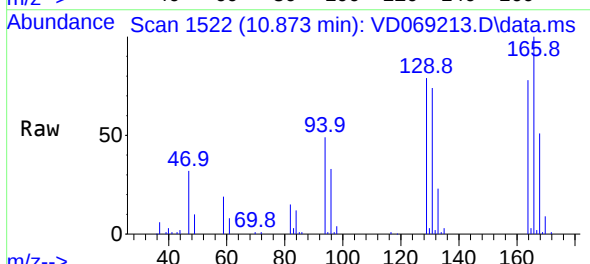
Tgt Ion:117 Resp: 429597  
Ion Ratio Lower Upper  
117 100  
82 51.2 40.5 60.7  
119 33.4 24.2 36.4

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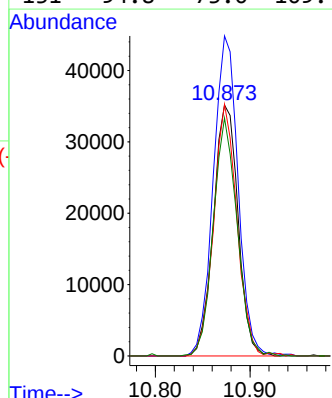
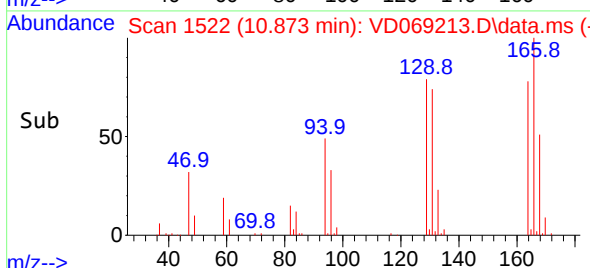
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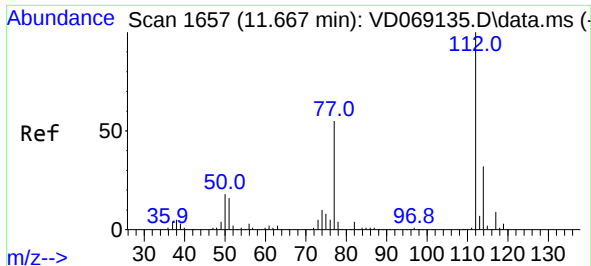


#64  
Tetrachloroethene  
Concen: 21.22 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

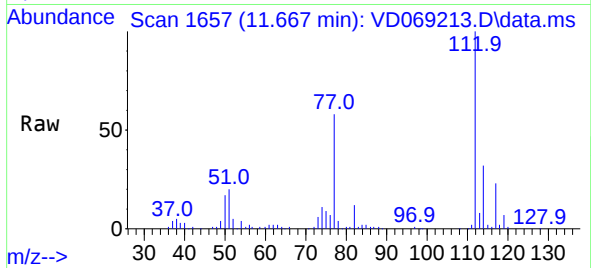


Tgt Ion:164 Resp: 63366  
Ion Ratio Lower Upper  
164 100  
166 127.5 101.7 152.5  
129 100.3 72.6 109.0  
131 94.8 73.0 109.4

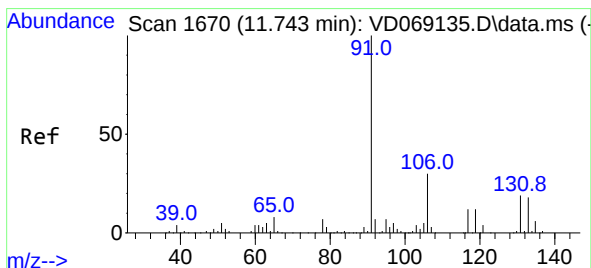
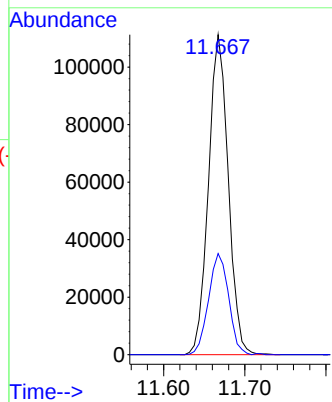
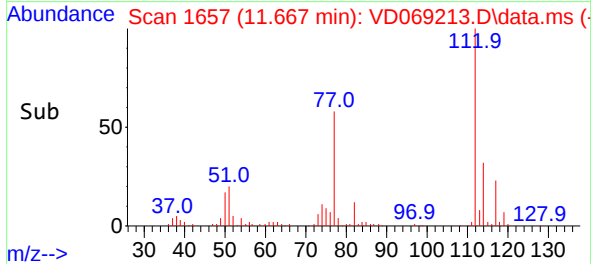




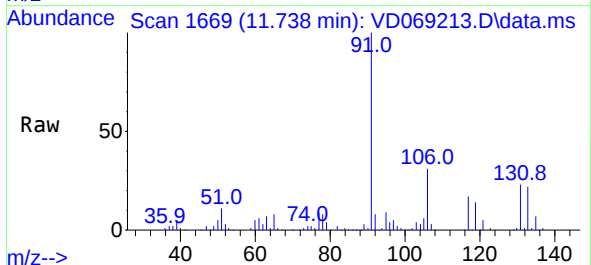
#65  
Chlorobenzene  
Concen: 21.15 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



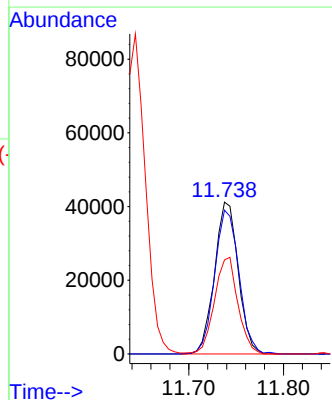
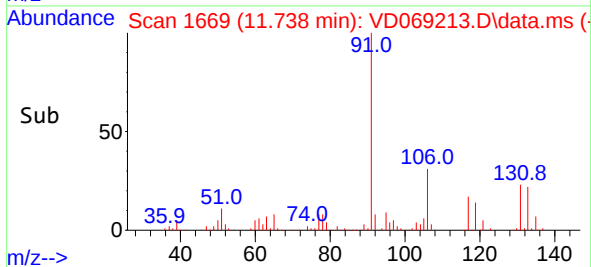
Tgt Ion:112 Resp: 188273  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.38 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



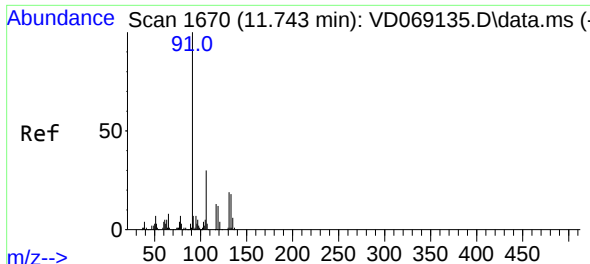
Tgt Ion:131 Resp: 71787  
Ion Ratio Lower Upper  
131 100  
133 97.1 47.5 142.5  
119 62.9 32.1 96.5



Instrument :  
MSVOA\_D  
ClientSampleId :  
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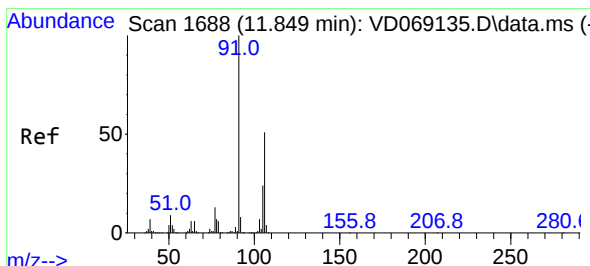
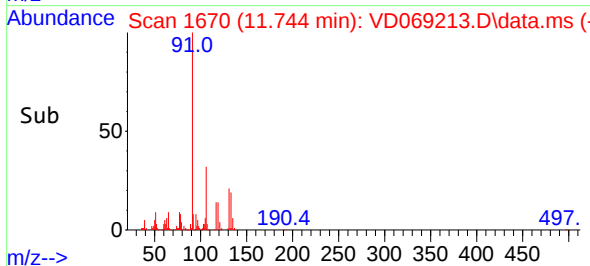
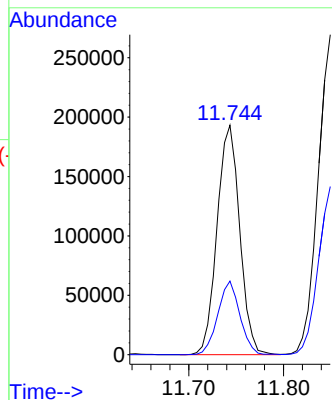
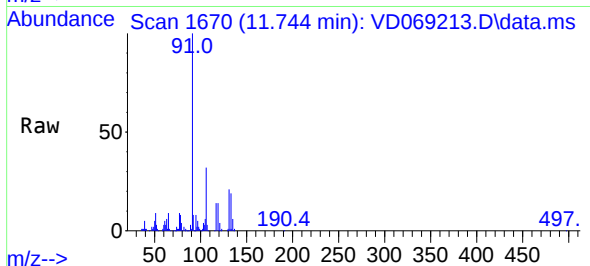
#67  
Ethyl Benzene  
Concen: 20.97 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 91 Resp: 321297  
Ion Ratio Lower Upper  
91 100  
106 32.1 24.0 36.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

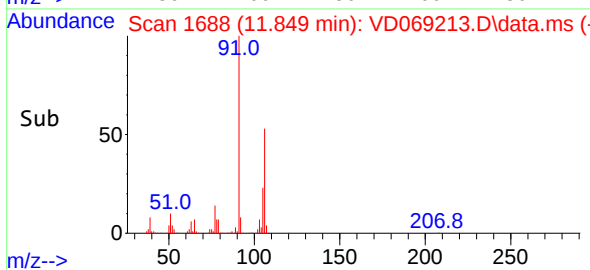
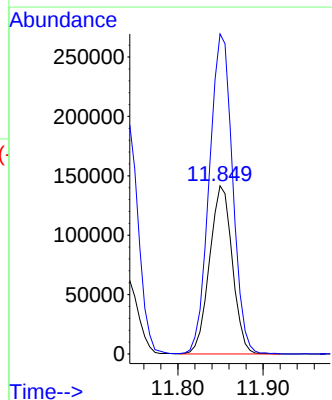
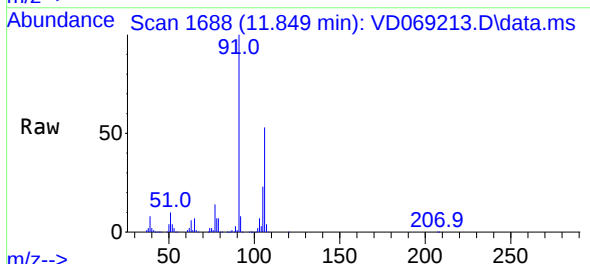
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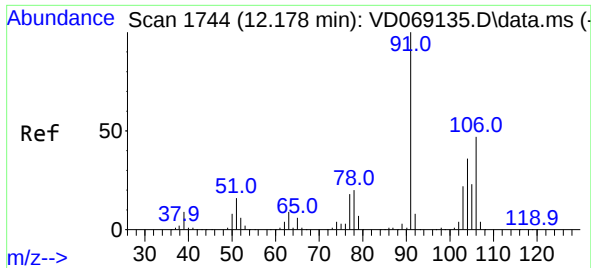
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#68  
m/p-Xylenes  
Concen: 43.69 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

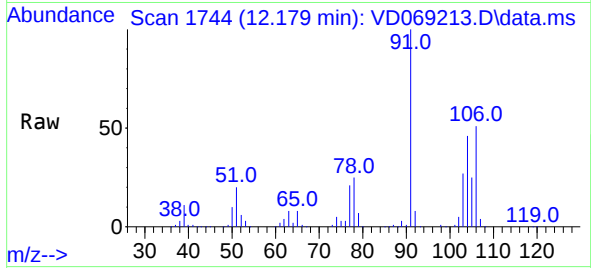
Tgt Ion:106 Resp: 262366  
Ion Ratio Lower Upper  
106 100  
91 195.2 157.3 235.9





#69  
o-Xylene  
Concen: 21.15 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

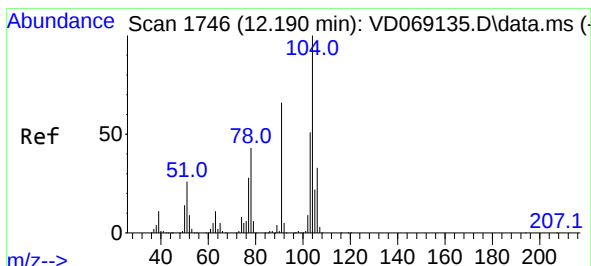
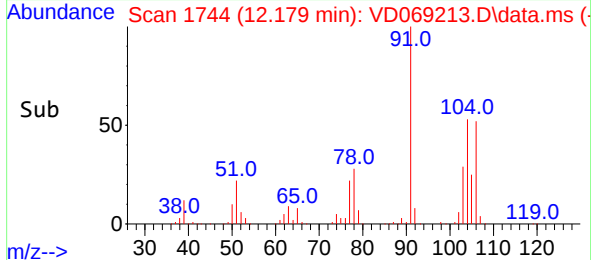
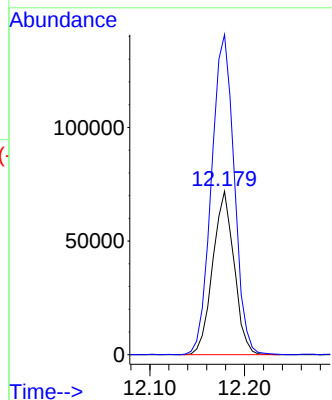
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01



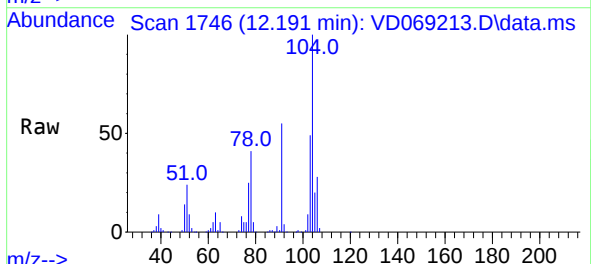
Tgt Ion:106 Resp: 112918  
Ion Ratio Lower Upper  
106 100  
91 208.7 104.8 314.6

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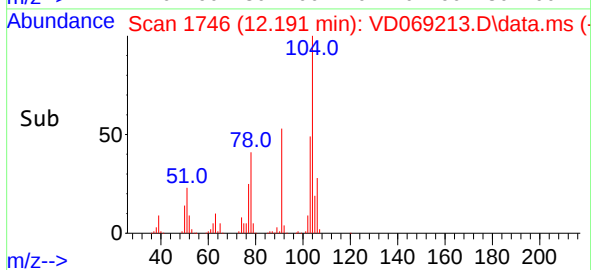
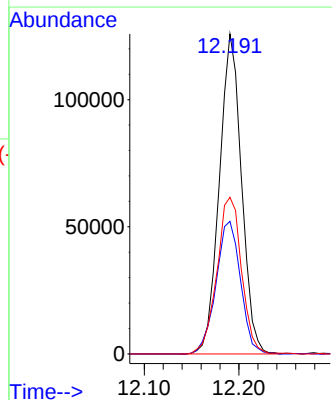
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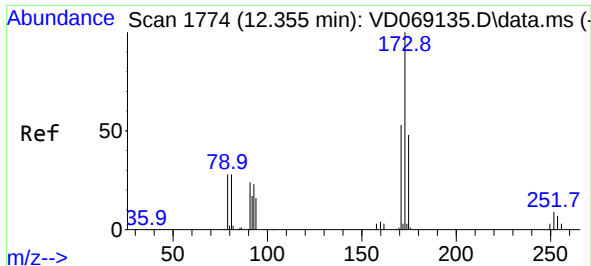


#70  
Styrene  
Concen: 21.96 ug/l  
RT: 12.191 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

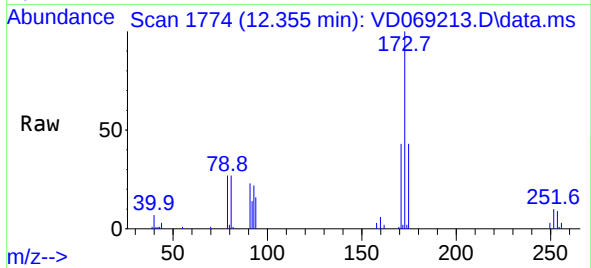


Tgt Ion:104 Resp: 204729  
Ion Ratio Lower Upper  
104 100  
78 45.9 37.8 56.6  
103 54.5 44.8 67.2

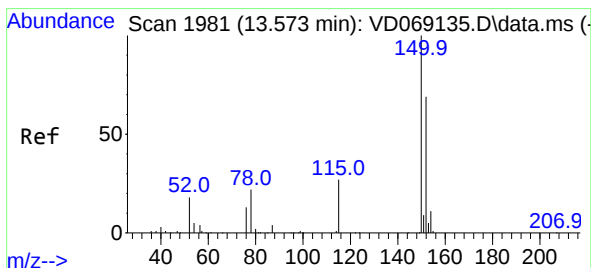
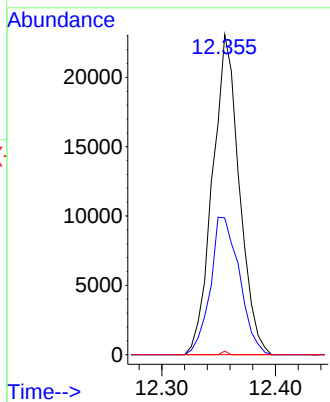
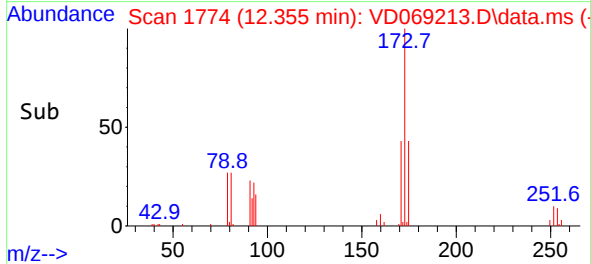




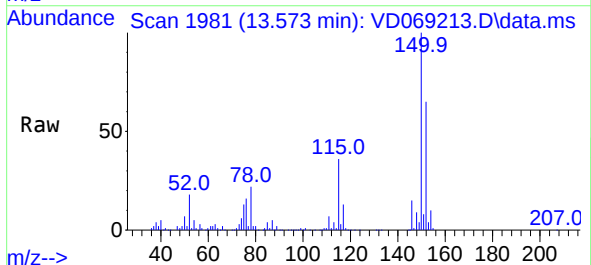
#71  
Bromoform  
Concen: 21.67 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



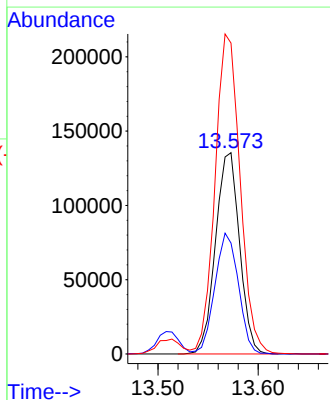
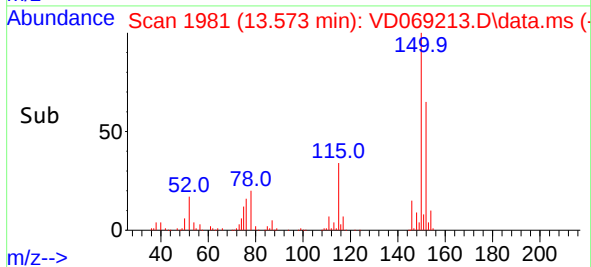
Tgt Ion:173 Resp: 37849  
Ion Ratio Lower Upper  
173 100  
175 46.5 24.3 73.0  
254 0.2 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



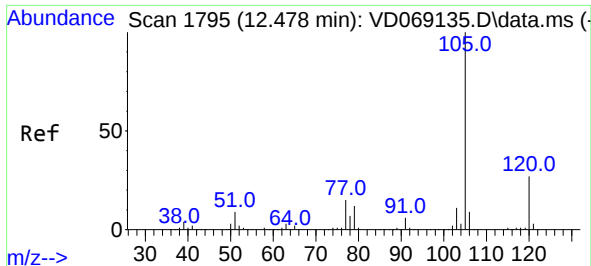
Tgt Ion:152 Resp: 225514  
Ion Ratio Lower Upper  
152 100  
115 59.1 29.9 89.8  
150 165.9 0.0 350.2



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

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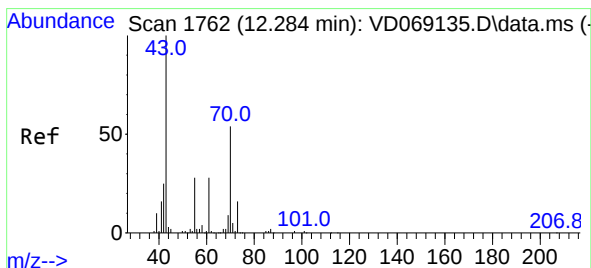
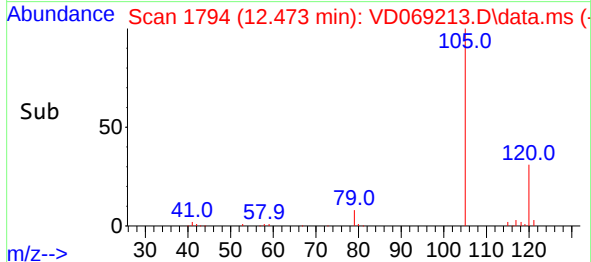
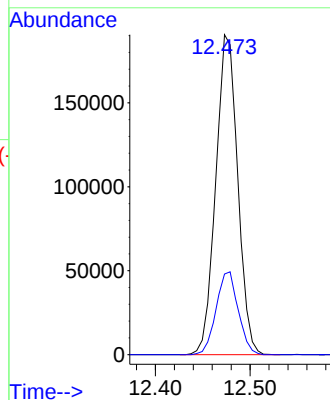
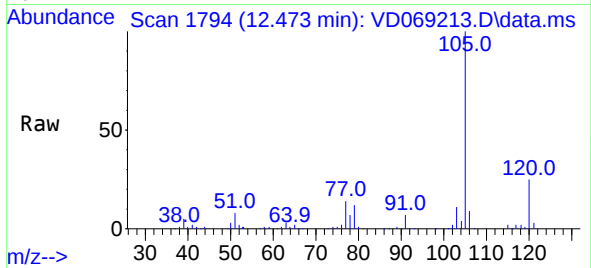
#73  
Isopropylbenzene  
Concen: 19.48 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 105 Resp: 306985  
Ion Ratio Lower Upper  
105 100  
120 26.0 13.4 40.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBS01

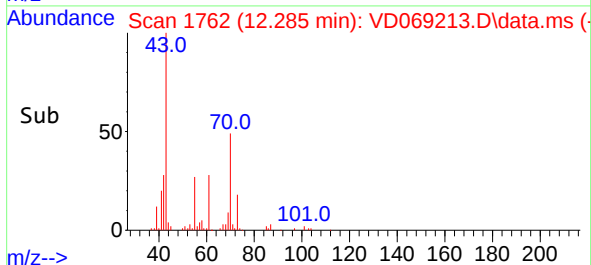
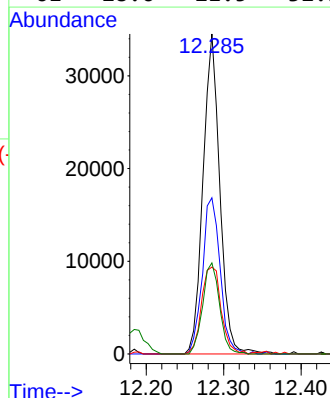
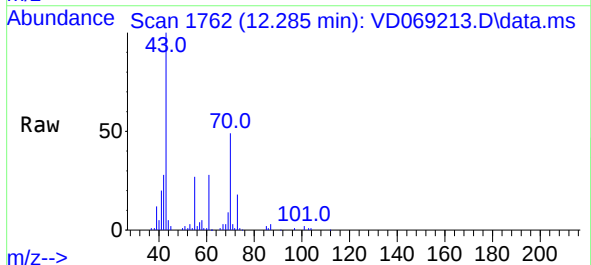
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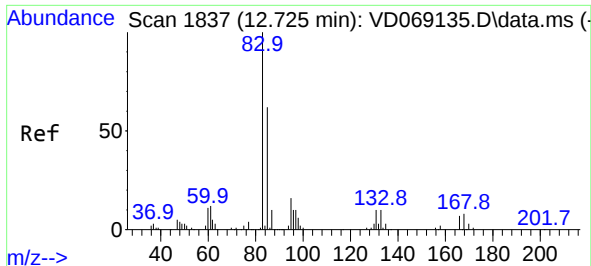
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#74  
N-ethyl acetate  
Concen: 20.15 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 43 Resp: 51943  
Ion Ratio Lower Upper  
43 100  
70 51.6 41.6 62.4  
55 31.8 22.6 34.0  
61 28.6 21.5 32.3





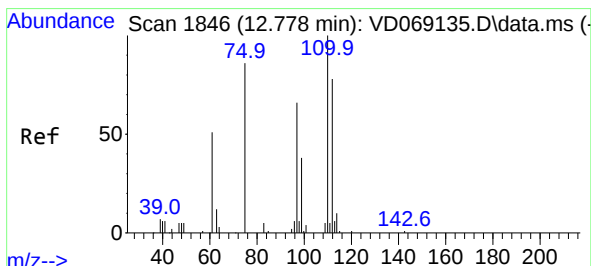
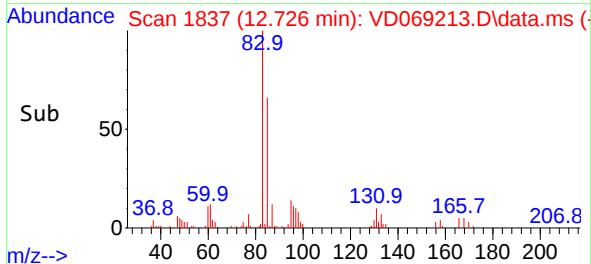
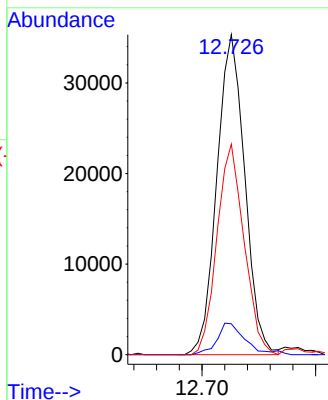
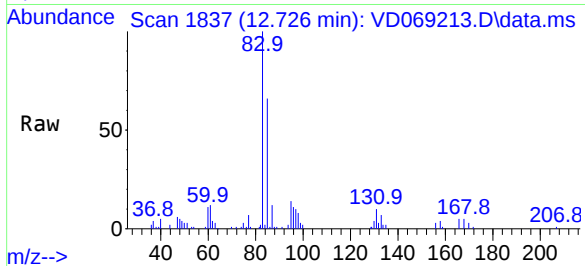
#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.13 ug/l  
RT: 12.726 min Scan# 1837  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 83 Resp: 60344  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.4 16.2  
85 63.8 31.9 95.5

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

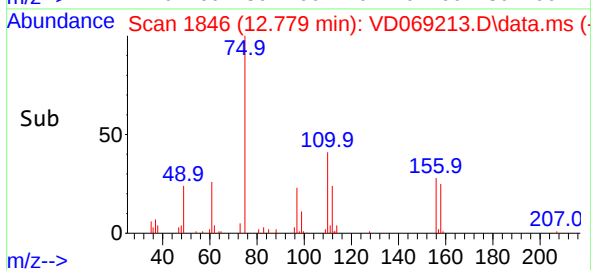
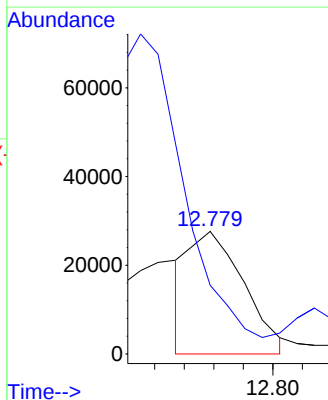
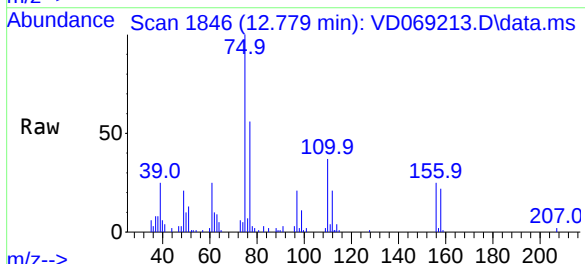
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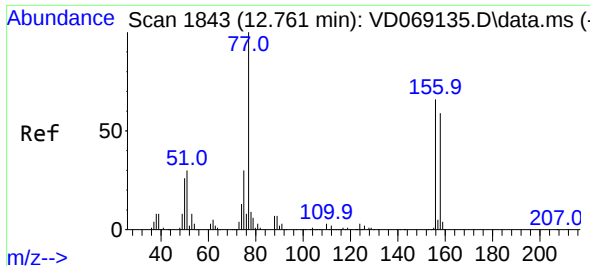
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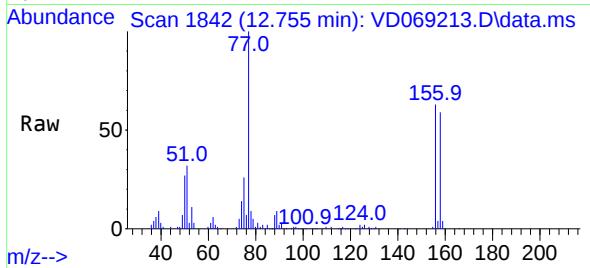
#76  
1,2,3-Trichloropropane  
Concen: 21.17 ug/l m  
RT: 12.779 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 75 Resp: 35884  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

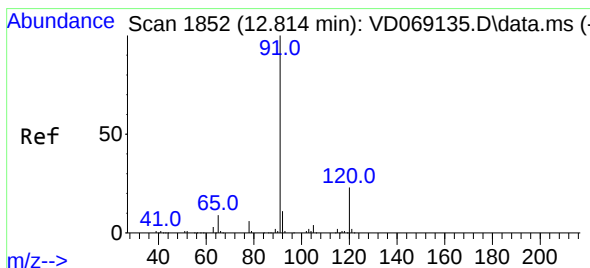
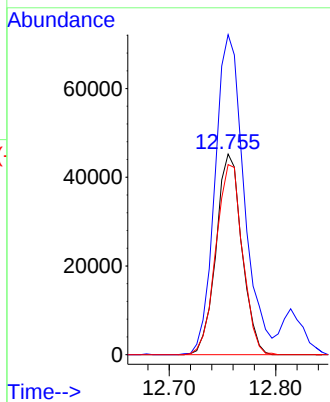
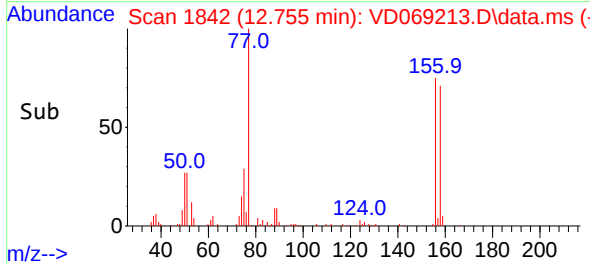




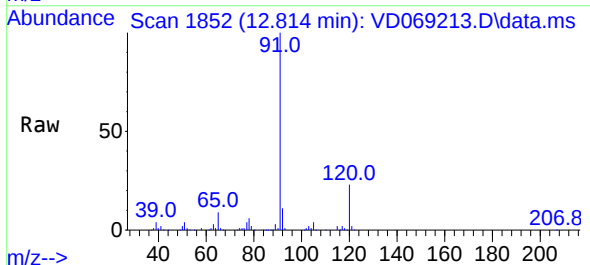
#77  
Bromobenzene  
Concen: 20.33 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



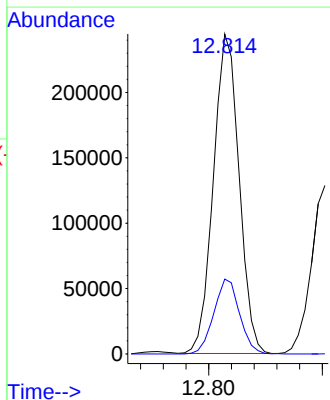
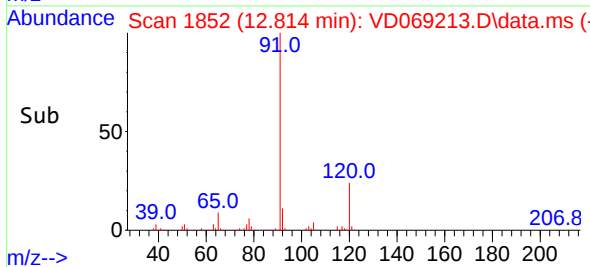
Tgt Ion:156 Resp: 76044  
Ion Ratio Lower Upper  
156 100  
77 179.7 85.8 257.3  
158 97.7 47.8 143.4



#78  
n-propylbenzene  
Concen: 20.18 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



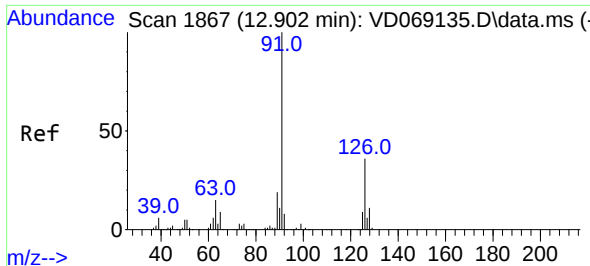
Tgt Ion: 91 Resp: 383842  
Ion Ratio Lower Upper  
91 100  
120 23.4 11.6 34.7



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

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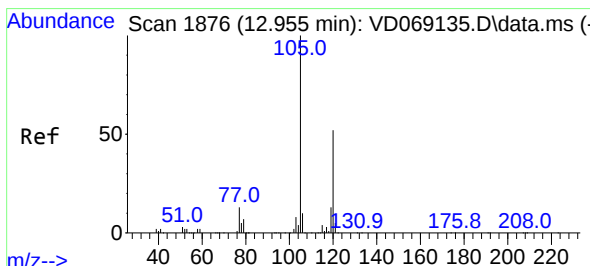
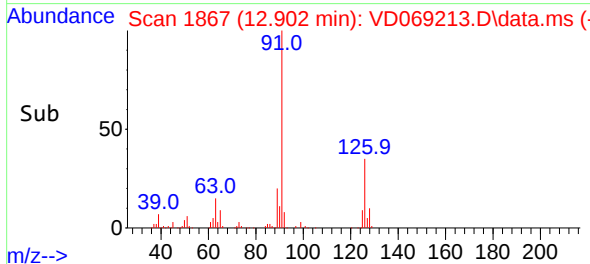
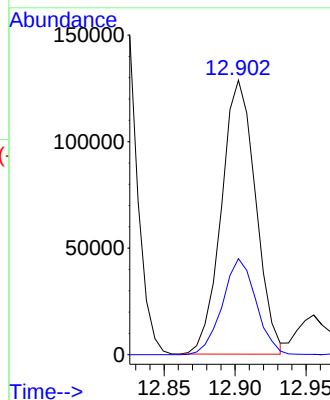
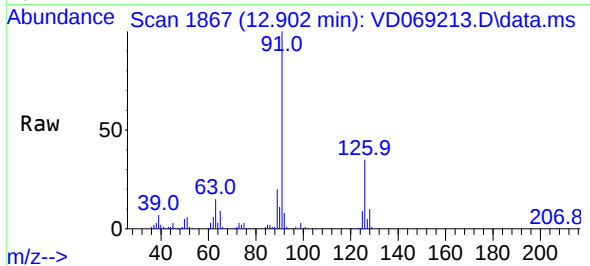
#79  
2-Chlorotoluene  
Concen: 20.41 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 91 Resp: 215908  
Ion Ratio Lower Upper  
91 100  
126 34.4 18.1 54.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

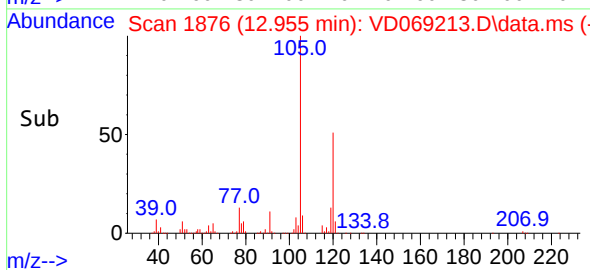
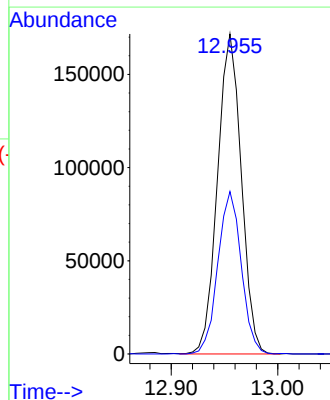
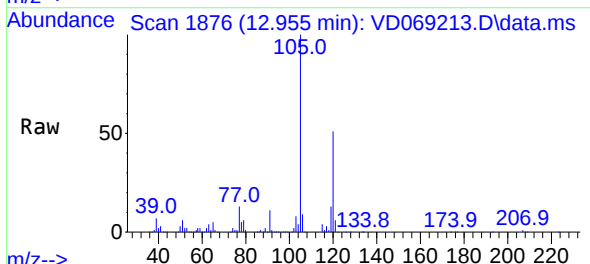
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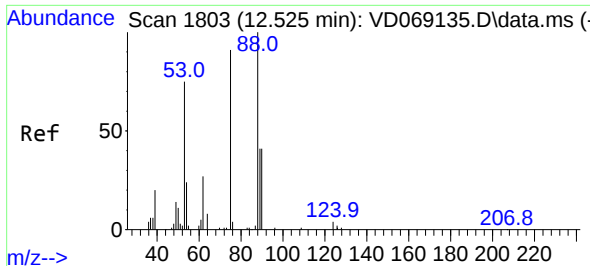
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#80  
1,3,5-Trimethylbenzene  
Concen: 20.48 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 105 Resp: 266145  
Ion Ratio Lower Upper  
105 100  
120 50.0 25.3 75.8





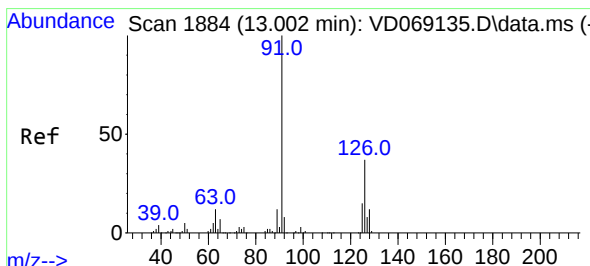
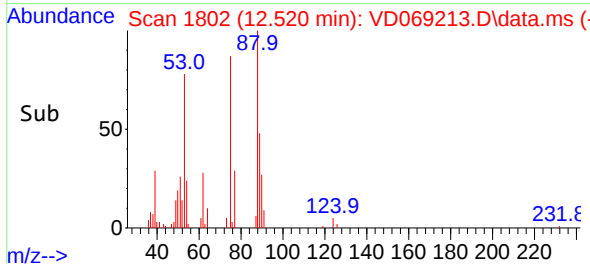
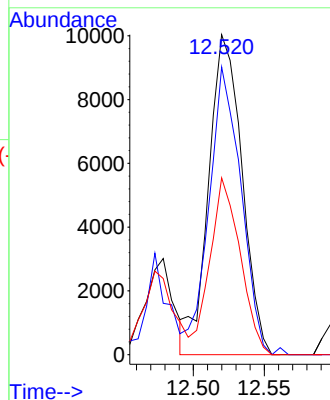
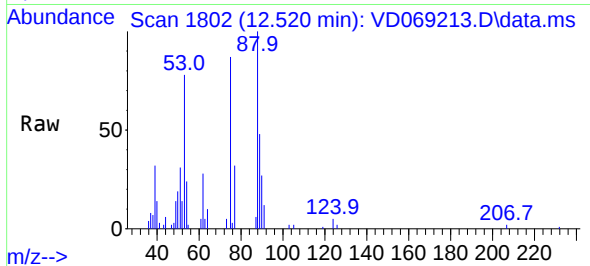
#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.53 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion: 75 Resp: 16394  
Ion Ratio Lower Upper  
75 100  
53 86.5 70.0 105.0  
89 50.2 40.2 60.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

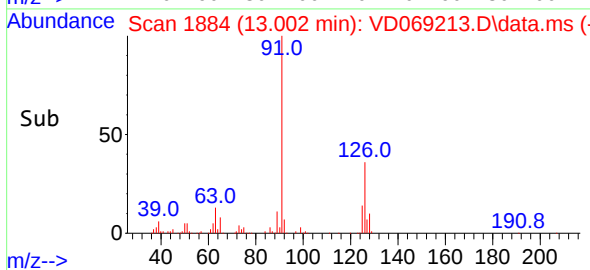
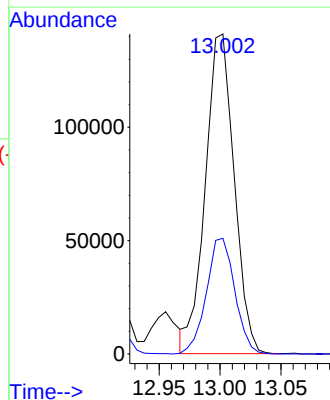
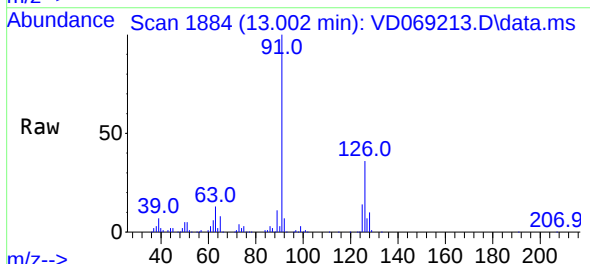
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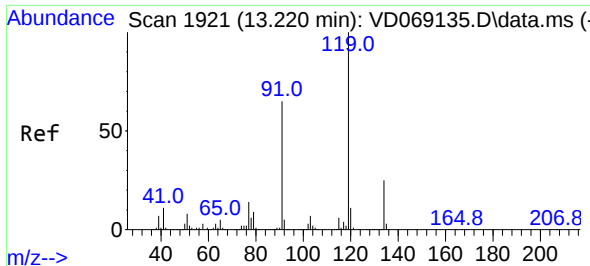
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#82  
4-Chlorotoluene  
Concen: 20.64 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

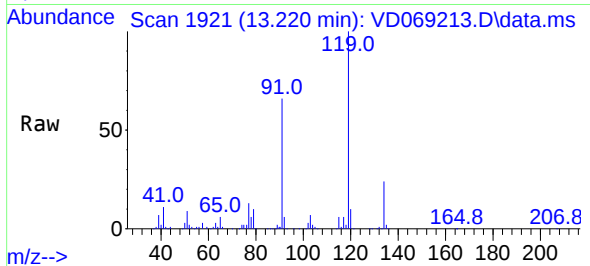
Tgt Ion: 91 Resp: 232649  
Ion Ratio Lower Upper  
91 100  
126 35.6 17.7 53.1





#83  
tert-Butylbenzene  
Concen: 20.80 ug/l  
RT: 13.220 min Scan# 1921  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

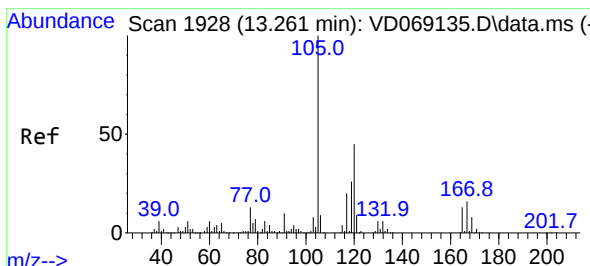
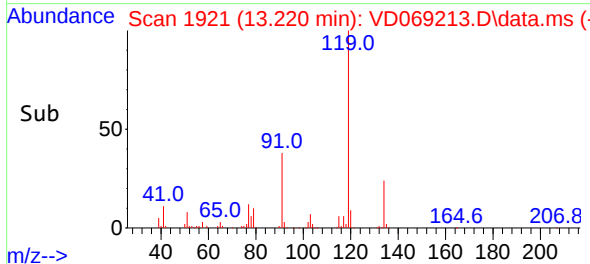
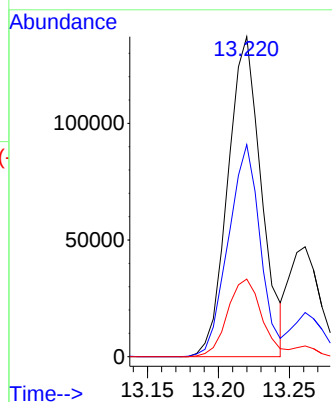
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01



Tgt Ion:119 Resp: 225201  
Ion Ratio Lower Upper  
119 100  
91 63.2 32.5 97.4  
134 25.0 13.8 41.3

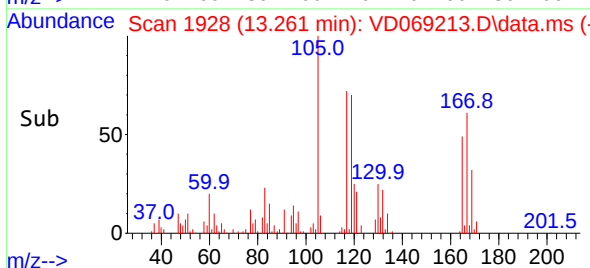
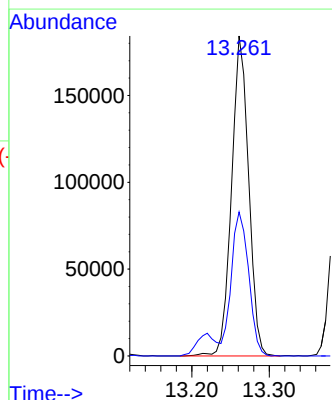
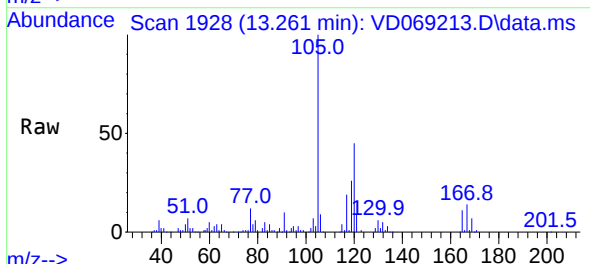
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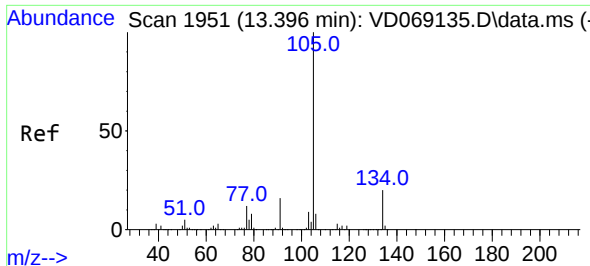
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#84  
1,2,4-Trimethylbenzene  
Concen: 21.55 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

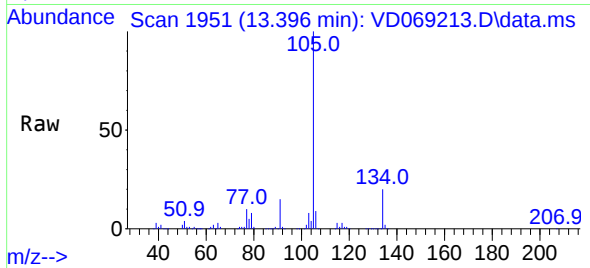
Tgt Ion:105 Resp: 281765  
Ion Ratio Lower Upper  
105 100  
120 45.7 22.8 68.4





#85  
 sec-Butylbenzene  
 Concen: 20.89 ug/l  
 RT: 13.396 min Scan# 1951  
 Delta R.T. 0.000 min  
 Lab File: VD069213.D  
 Acq: 20 May 2021 12:34

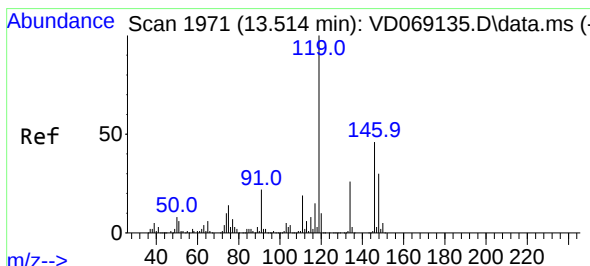
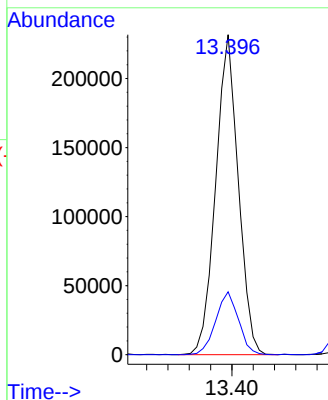
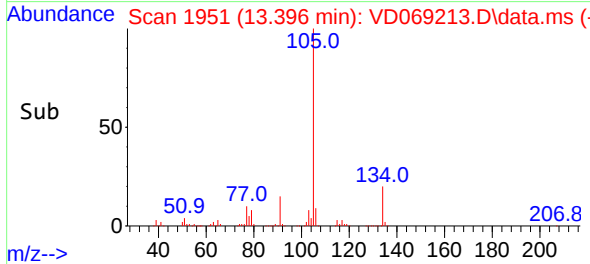
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0520SBSD01



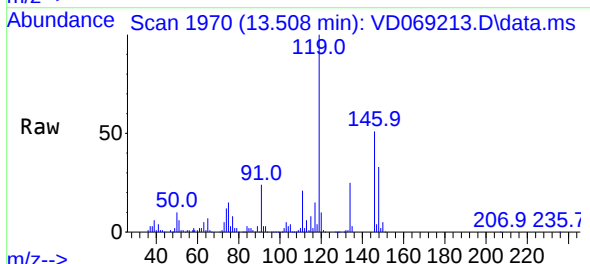
Tgt Ion:105 Resp: 340219  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 10.3 30.8

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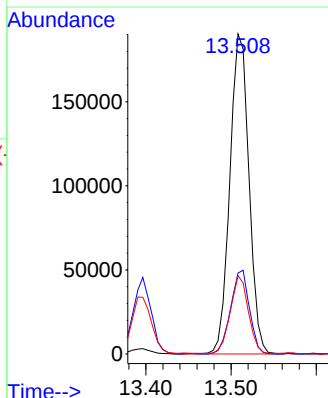
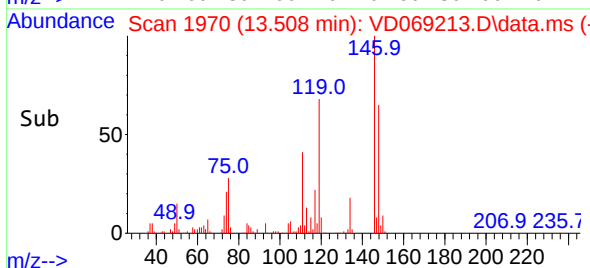
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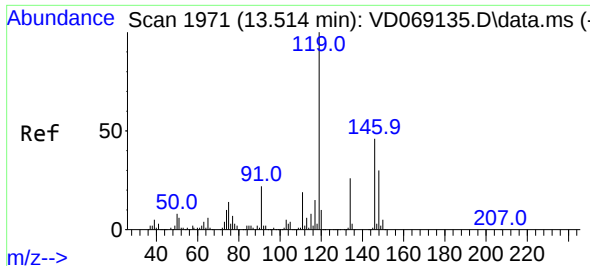


#86  
 p-Isopropyltoluene  
 Concen: 20.69 ug/l  
 RT: 13.508 min Scan# 1970  
 Delta R.T. -0.006 min  
 Lab File: VD069213.D  
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Tgt Ion:119 Resp: 296031  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 13.2 39.5  
 91 23.0 11.3 33.9





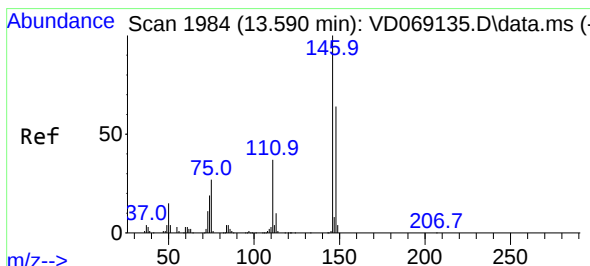
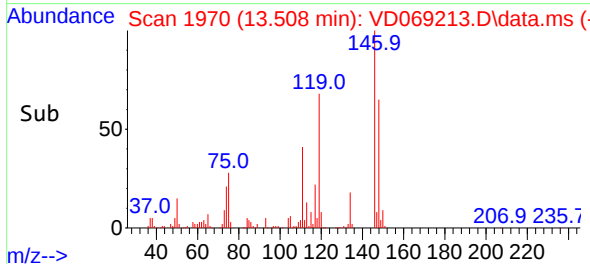
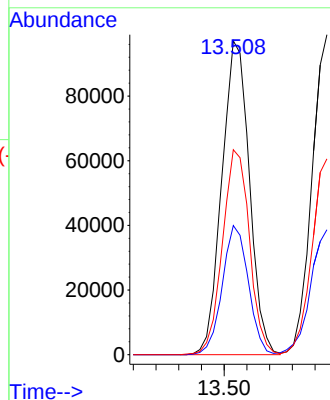
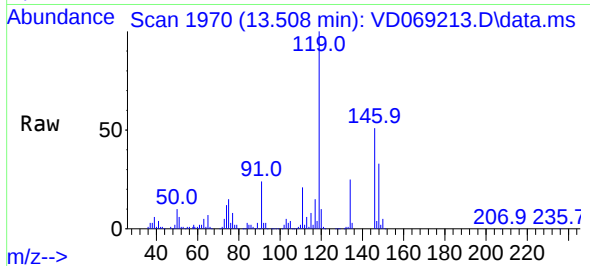
#87  
1,3-Dichlorobenzene  
Concen: 21.60 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion:146 Resp: 163544  
Ion Ratio Lower Upper  
146 100  
111 38.9 19.9 59.6  
148 64.0 31.6 94.8

Instrument :  
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ClientSampleId :  
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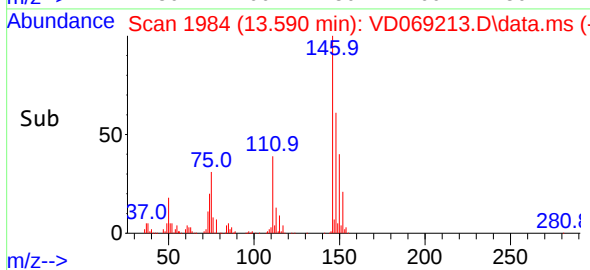
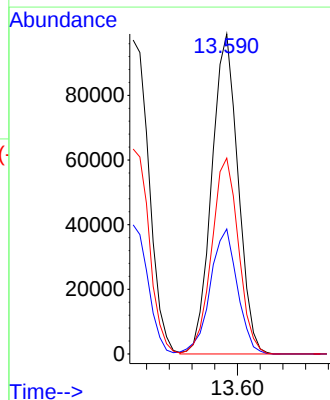
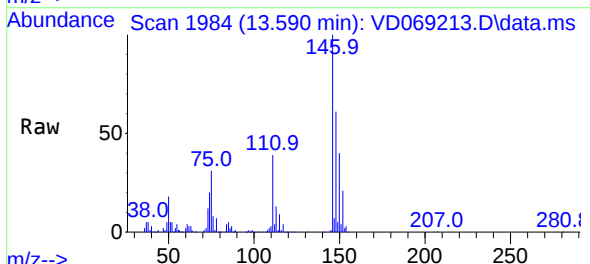
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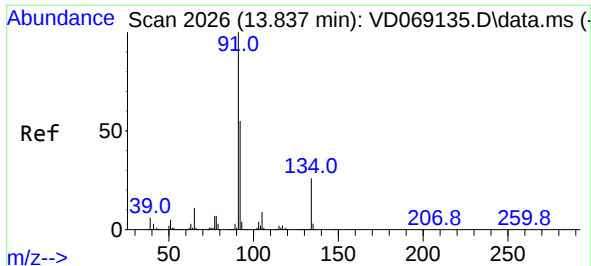
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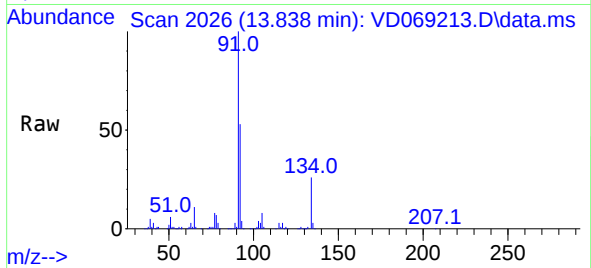
#88  
1,4-Dichlorobenzene  
Concen: 21.24 ug/l  
RT: 13.590 min Scan# 1984  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion:146 Resp: 159249  
Ion Ratio Lower Upper  
146 100  
111 40.4 19.4 58.2  
148 62.5 32.4 97.0

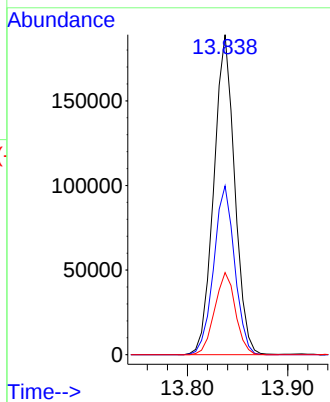
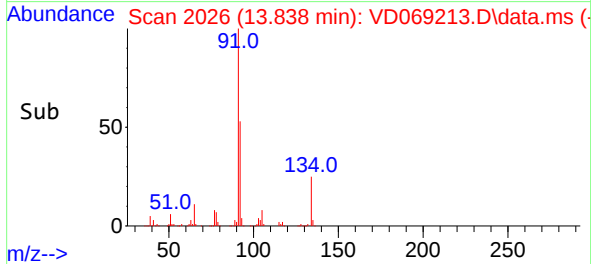




#89  
n-Butylbenzene  
Concen: 20.46 ug/l  
RT: 13.838 min Scan# 2026  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



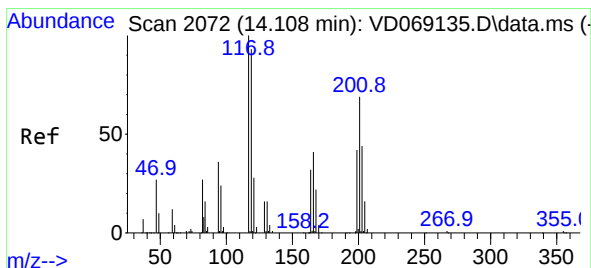
Tgt Ion: 91 Resp: 272812  
Ion Ratio Lower Upper  
91 100  
92 53.0 26.5 79.5  
134 25.6 13.0 39.0



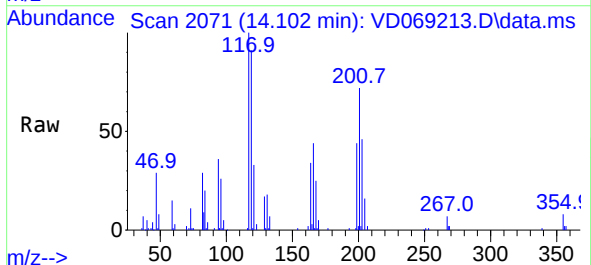
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

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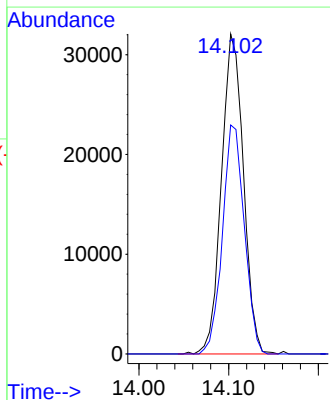
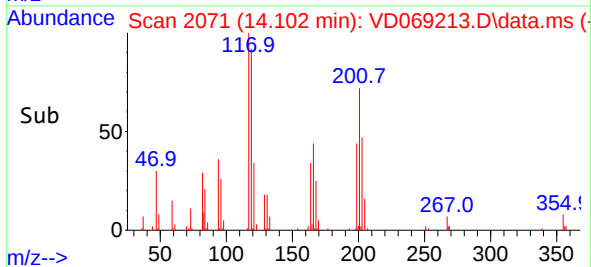
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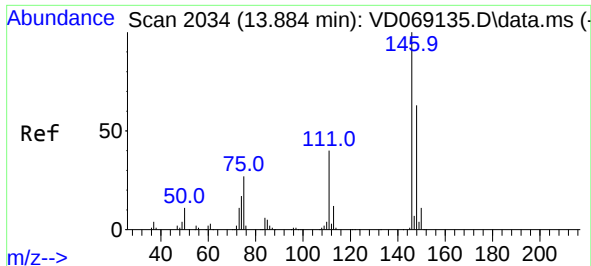


#90  
Hexachloroethane  
Concen: 20.34 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

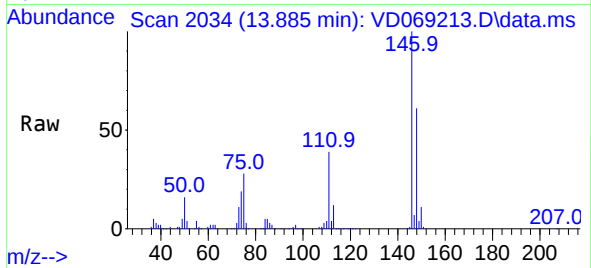


Tgt Ion: 117 Resp: 54534  
Ion Ratio Lower Upper  
117 100  
201 71.2 35.4 106.1

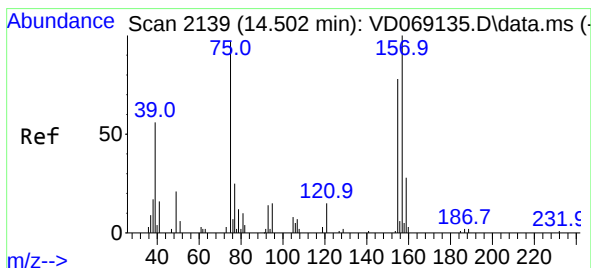
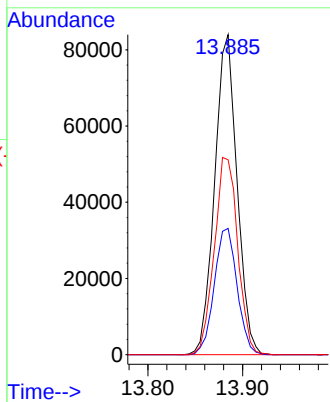
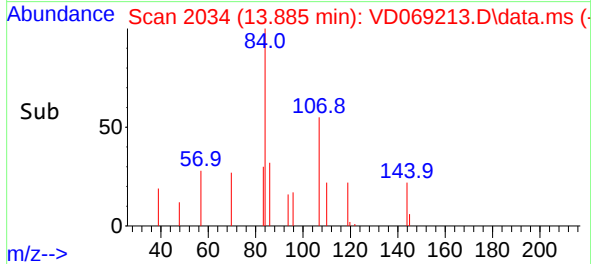




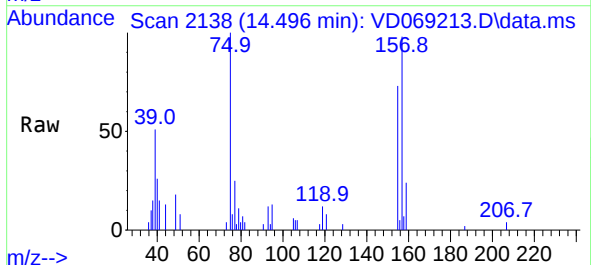
#91  
1,2-Dichlorobenzene  
Concen: 21.22 ug/l  
RT: 13.885 min Scan# 2034  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



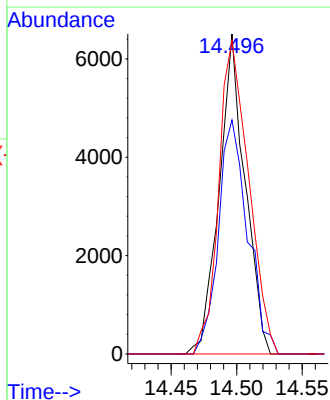
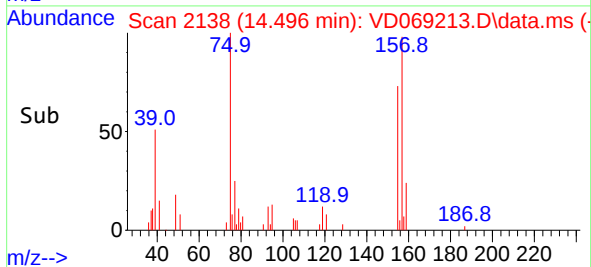
Tgt Ion:146 Resp: 137978  
Ion Ratio Lower Upper  
146 100  
111 40.3 20.3 61.0  
148 64.5 31.3 93.8



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.18 ug/l  
RT: 14.496 min Scan# 2138  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34



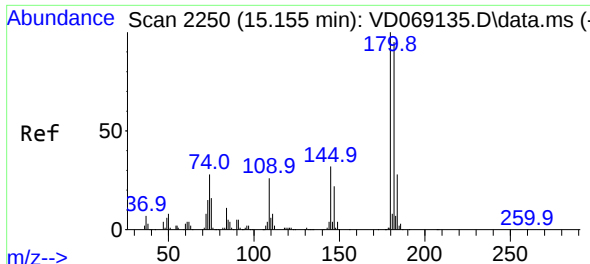
Tgt Ion: 75 Resp: 8946  
Ion Ratio Lower Upper  
75 100  
155 82.7 43.9 131.7  
157 112.8 54.9 164.7



Instrument :  
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ClientSampleId :  
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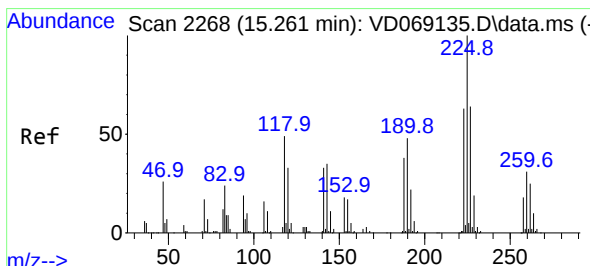
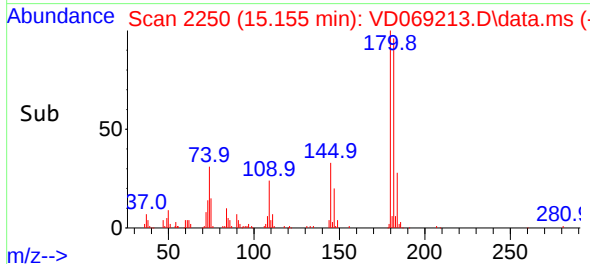
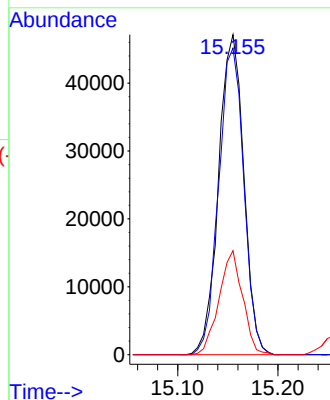
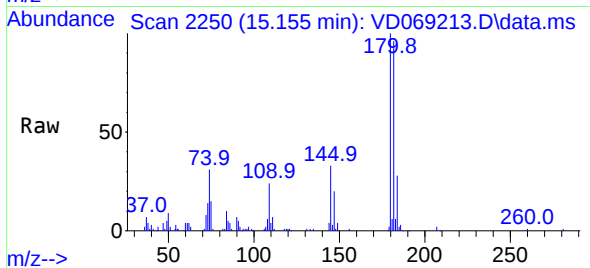
#93  
1,2,4-Trichlorobenzene  
Concen: 20.64 ug/l  
RT: 15.155 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion:180 Resp: 82212  
Ion Ratio Lower Upper  
180 100  
182 95.6 47.8 143.3  
145 30.5 15.6 46.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

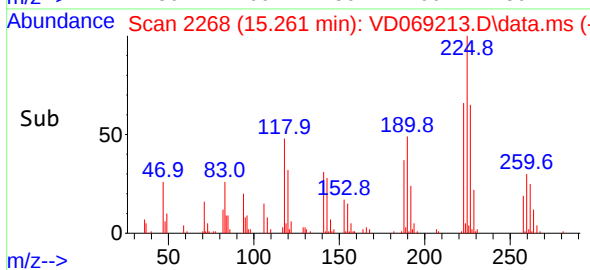
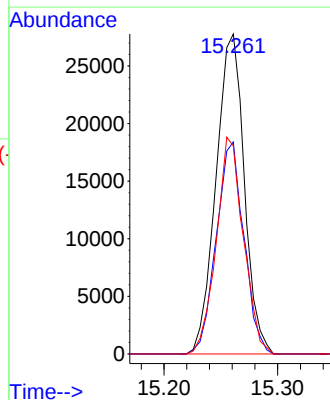
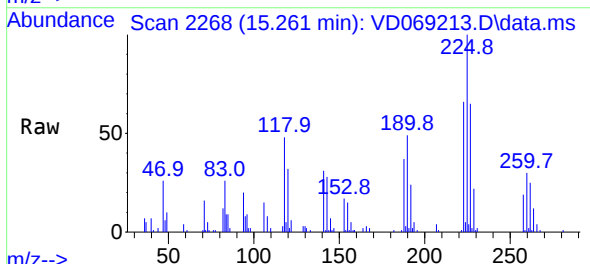
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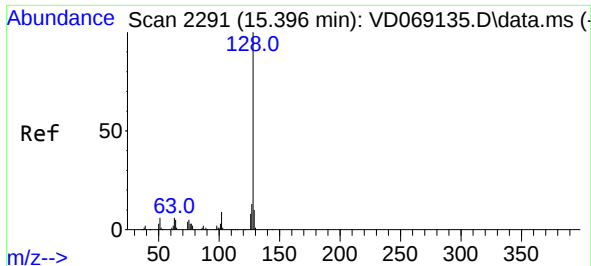
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#94  
Hexachlorobutadiene  
Concen: 20.07 ug/l  
RT: 15.261 min Scan# 2268  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

Tgt Ion:225 Resp: 47977  
Ion Ratio Lower Upper  
225 100  
223 64.7 31.1 93.5  
227 64.8 31.6 95.0





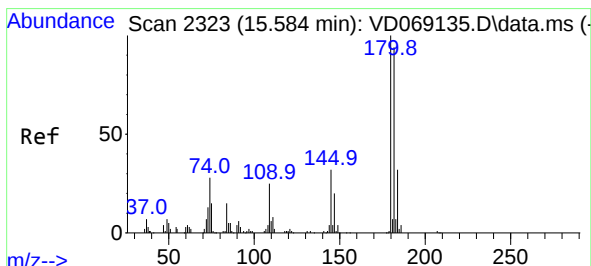
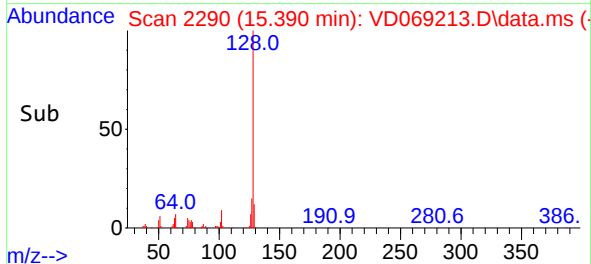
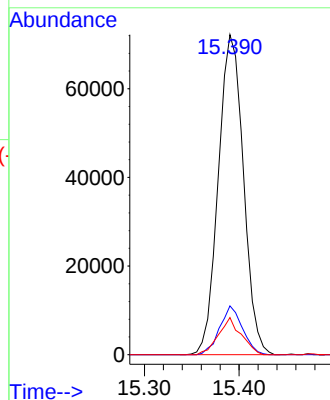
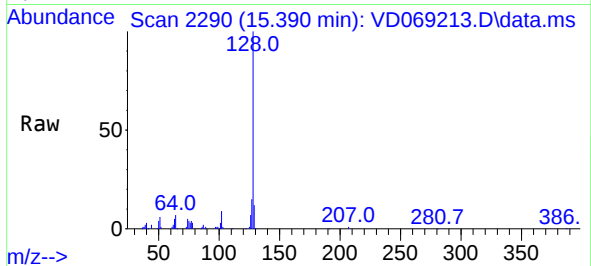
#95  
Naphthalene  
Concen: 19.34 ug/l  
RT: 15.390 min Scan# 2290  
Delta R.T. -0.006 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 133119 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.9  | 10.5  | 15.7   |
| 129       | 10.5  | 8.9   | 13.3   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0520SBSD01

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#96  
1,2,3-Trichlorobenzene  
Concen: 20.81 ug/l  
RT: 15.585 min Scan# 2323  
Delta R.T. 0.000 min  
Lab File: VD069213.D  
Acq: 20 May 2021 12:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 70922 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.7  | 47.8  | 143.4 |
| 145       | 33.4  | 16.1  | 48.3  |

