

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD042921\  
 Data File : VD069018.D  
 Acq On : 29 Apr 2021 15:09  
 Operator : VA/SY  
 Sample : VD0429SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0429SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 4/30/2021 11:02:43 AM

Quant Time: Apr 30 02:56:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D040721S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 08 03:50:31 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response           | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|--------------------|--------|--------|----------|
| -----                        |                |      |                    |        |        |          |
| Internal Standards           |                |      |                    |        |        |          |
| 1) Pentafluorobenzene        | 7.979          | 168  | 241775             | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861          | 114  | 402910             | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.643         | 117  | 392419             | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.573         | 152  | 194699             | 50.00  | ug/l   | 0.00     |
|                              |                |      |                    |        |        |          |
| System Monitoring Compounds  |                |      |                    |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.332          | 65   | 128577             | 50.32  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 100.64% |        |        |          |
| 35) Dibromofluoromethane     | 7.914          | 113  | 144888             | 55.29  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 110.58% |        |        |          |
| 50) Toluene-d8               | 10.338         | 98   | 513780             | 51.97  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 103.94% |        |        |          |
| 62) 4-Bromofluorobenzene     | 12.626         | 95   | 175276             | 53.38  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 106.76% |        |        |          |
|                              |                |      |                    |        |        |          |
| Target Compounds             |                |      |                    |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.985          | 85   | 49924              | 20.84  | ug/l   | 100      |
| 3) Chloromethane             | 2.209          | 50   | 55291              | 19.63  | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.350          | 62   | 76862              | 21.72  | ug/l   | 93       |
| 5) Bromomethane              | 2.750          | 94   | 62608              | 23.67  | ug/l   | 98       |
| 6) Chloroethane              | 2.914          | 64   | 54756              | 23.55  | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.267          | 101  | 88838              | 21.34  | ug/l   | 97       |
| 8) Diethyl Ether             | 3.708          | 74   | 26157              | 23.26  | ug/l   | 89       |
| 9) 1,1,2-Trichlorotrifluo... | 4.091          | 101  | 56951              | 22.67  | ug/l   | 98       |
| 10) Methyl Iodide            | 4.297          | 142  | 54541              | 19.96  | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.208          | 59   | 23563              | 163.36 | ug/l # | 82       |
| 12) 1,1-Dichloroethene       | 4.067          | 96   | 51421              | 21.25  | ug/l   | 92       |
| 13) Acrolein                 | 3.926          | 56   | 6887               | 68.48  | ug/l   | 87       |
| 14) Allyl chloride           | 4.720          | 41   | 51242              | 18.79  | ug/l   | 91       |
| 15) Acrylonitrile            | 5.414          | 53   | 50552              | 100.18 | ug/l   | 97       |
| 16) Acetone                  | 4.156          | 43   | 35022              | 98.98  | ug/l   | 98       |
| 17) Carbon Disulfide         | 4.408          | 76   | 154032             | 19.66  | ug/l   | 98       |
| 18) Methyl Acetate           | 4.708          | 43   | 20332              | 20.92  | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 5.479          | 73   | 114179             | 21.26  | ug/l   | 98       |
| 20) Methylene Chloride       | 4.961          | 84   | 79179              | 25.24  | ug/l   | 92       |
| 21) trans-1,2-Dichloroethene | 5.467          | 96   | 65324              | 21.02  | ug/l   | 90       |
| 22) Diisopropyl ether        | 6.367          | 45   | 129132             | 19.54  | ug/l   | 99       |
| 23) Vinyl Acetate            | 6.308          | 43   | 344323             | 98.32  | ug/l   | 94       |
| 24) 1,1-Dichloroethane       | 6.261          | 63   | 99397              | 19.95  | ug/l   | 98       |
| 25) 2-Butanone               | 7.208          | 43   | 55489              | 110.82 | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 7.208          | 77   | 87575              | 21.52  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.208          | 96   | 72366              | 23.43  | ug/l   | 97       |
| 28) Bromochloromethane       | 7.544          | 49   | 32060              | 17.83  | ug/l   | 84       |
| 29) Tetrahydrofuran          | 7.567          | 42   | 35385              | 105.08 | ug/l   | 92       |
| 30) Chloroform               | 7.708          | 83   | 117200             | 21.49  | ug/l   | 99       |
| 31) Cyclohexane              | 7.979          | 56   | 75534              | 17.77  | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 7.902          | 97   | 101398             | 21.28  | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 8.108          | 75   | 81130              | 19.89  | ug/l   | 95       |
| 37) Ethyl Acetate            | 7.291          | 43   | 27417              | 22.89  | ug/l # | 97       |
| 38) Carbon Tetrachloride     | 8.096          | 117  | 91471              | 22.65  | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.355          | 83   | 91062              | 19.15  | ug/l   | 96       |
| 40) Benzene                  | 8.355          | 78   | 251867             | 21.11  | ug/l   | 99       |

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 Sample : VD0429SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0429SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 4/30/2021 11:02:43 AM

Quant Time: Apr 30 02:56:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D040721S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 08 03:50:31 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 12290    | 17.33  | ug/l # | 73       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 69293    | 21.96  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.449  | 43   | 50326    | 20.61  | ug/l # | 93       |
| 44) Trichloroethene           | 9.114  | 130  | 73091    | 22.17  | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 58774    | 20.62  | ug/l   | 96       |
| 46) Dibromomethane            | 9.473  | 93   | 37590    | 23.67  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.661  | 83   | 92859    | 22.38  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.455  | 41   | 24548    | 20.40  | ug/l # | 86       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 7454     | 443.38 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 128990   | 104.80 | ug/l   | 98       |
| 52) Toluene                   | 10.402 | 92   | 164390   | 21.75  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 79044    | 21.50  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.090 | 75   | 96826    | 22.01  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.796 | 97   | 53199    | 23.69  | ug/l   | 91       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 50851    | 22.00  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.943 | 76   | 81986    | 22.18  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.943  | 63   | 106372   | 97.56  | ug/l   | 95       |
| 59) 2-Hexanone                | 10.979 | 43   | 86406    | 104.92 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.137 | 129  | 65260    | 23.18  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.249 | 107  | 51651    | 23.67  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.879 | 164  | 62760    | 22.82  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.667 | 112  | 188423   | 22.18  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.737 | 131  | 69298    | 22.69  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.743 | 91   | 301898   | 20.52  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.849 | 106  | 243801   | 42.95  | ug/l   | 96       |
| 69) o-Xylene                  | 12.179 | 106  | 112349   | 21.77  | ug/l   | 92       |
| 70) Styrene                   | 12.190 | 104  | 196046   | 21.79  | ug/l   | 98       |
| 71) Bromoform                 | 12.355 | 173  | 39707    | 24.27  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.479 | 105  | 292299   | 20.56  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.284 | 43   | 47284    | 19.61  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.726 | 83   | 58971    | 22.19  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.779 | 75   | 40340m   | 22.68  | ug/l   |          |
| 77) Bromobenzene              | 12.755 | 156  | 76159    | 22.28  | ug/l   | 93       |
| 78) n-propylbenzene           | 12.814 | 91   | 357612   | 20.71  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 201234   | 20.86  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105  | 252855   | 21.27  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 15658    | 20.43  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 217886   | 21.31  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.220 | 119  | 204996   | 20.33  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 257009   | 21.41  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.396 | 105  | 291391   | 20.48  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 271367   | 20.88  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 149753   | 22.12  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.590 | 146  | 148322   | 22.13  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.837 | 91   | 239929   | 19.60  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.108 | 117  | 56341    | 21.76  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.884 | 146  | 132093   | 22.54  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.496 | 75   | 8422     | 20.85  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.155 | 180  | 80197    | 22.12  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.261 | 225  | 46642    | 22.47  | ug/l   | 99       |
| 95) Naphthalene               | 15.396 | 128  | 136911   | 21.68  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.584 | 180  | 74027    | 23.35  | ug/l   | 97       |

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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
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VD0429SBSD01

Manual Integrations  
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Quant Time: Apr 30 02:56:30 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D040721S.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 08 03:50:31 2021  
Response via : Initial Calibration

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

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

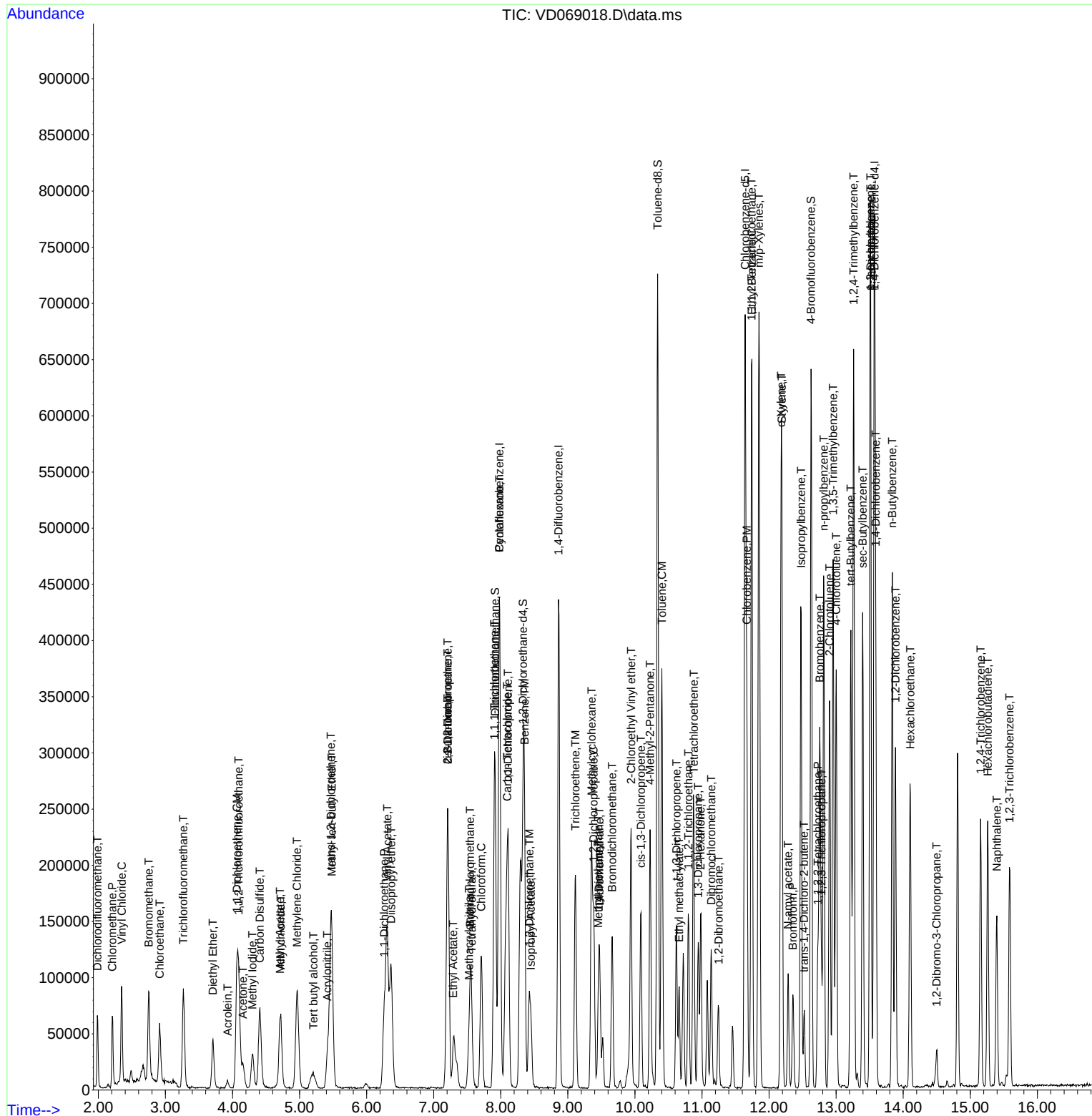
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 Data File : VD069018.D  
 Acq On : 29 Apr 2021 15:09  
 Operator : VA/SY  
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 ALS Vial : 5 Sample Multiplier: 1

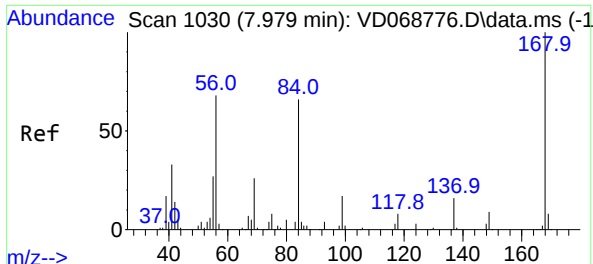
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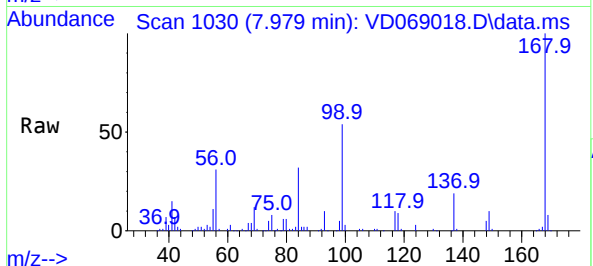
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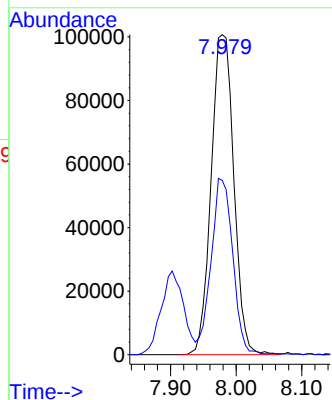
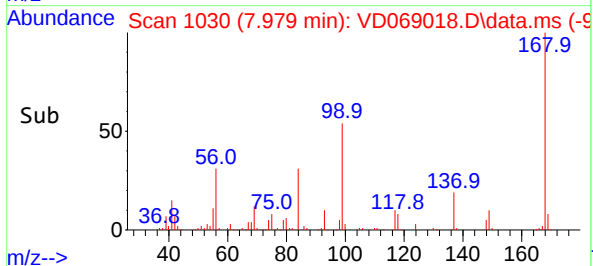




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



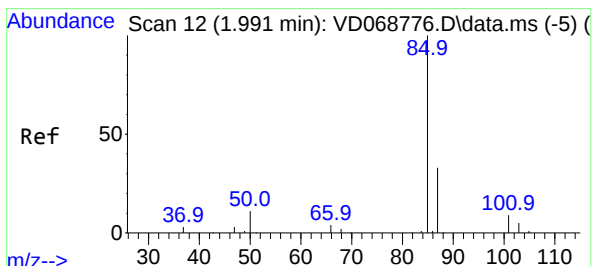
Tgt Ion: 168 Resp: 241775  
Ion Ratio Lower Upper  
168 100  
99 54.3 46.2 69.2



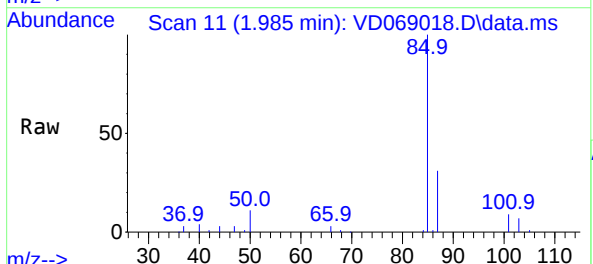
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBS01

Manual Integrations  
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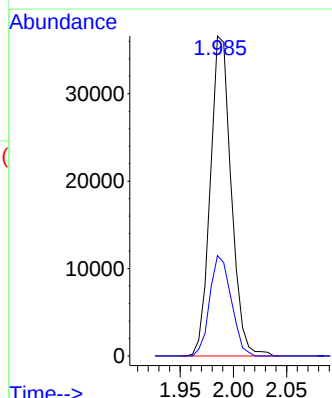
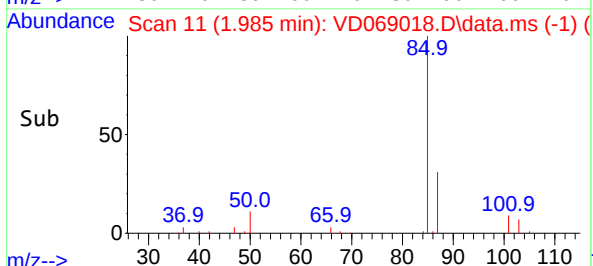
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4/30/2021 11:02:43 AM

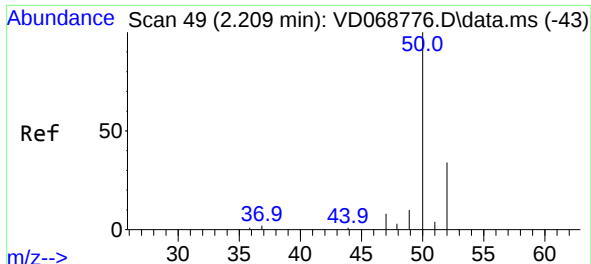


#2  
Dichlorodifluoromethane  
Concen: 20.84 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



Tgt Ion: 85 Resp: 49924  
Ion Ratio Lower Upper  
85 100  
87 31.3 15.7 47.0





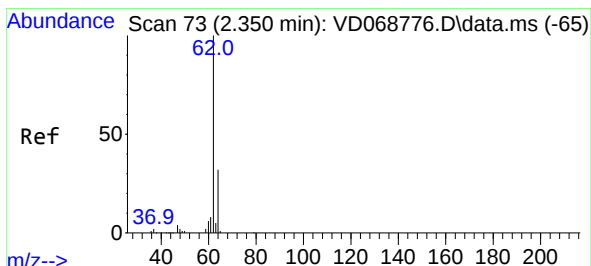
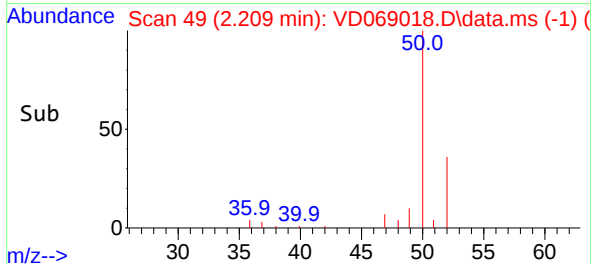
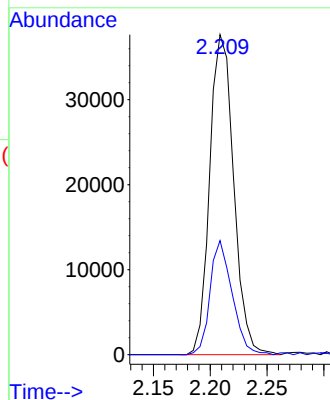
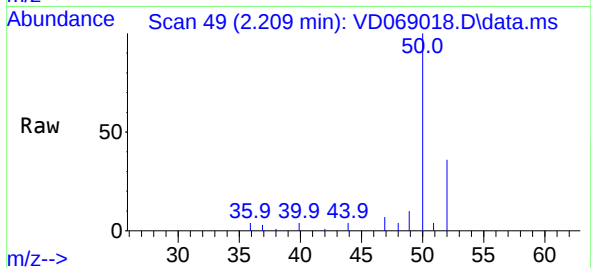
#3  
Chloromethane  
Concen: 19.63 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 50 Resp: 55291  
Ion Ratio Lower Upper  
50 100  
52 35.6 26.7 40.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01

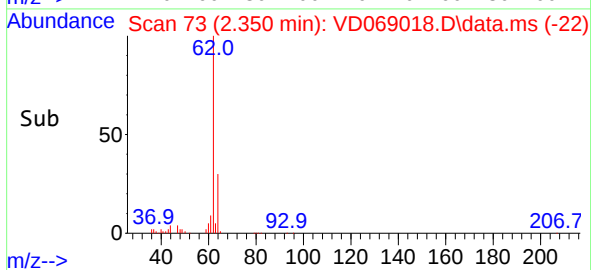
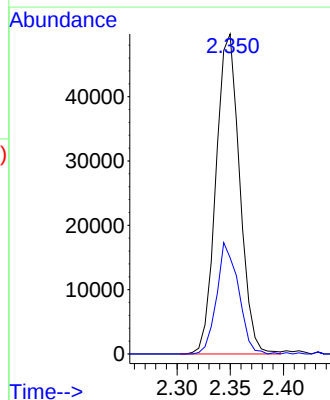
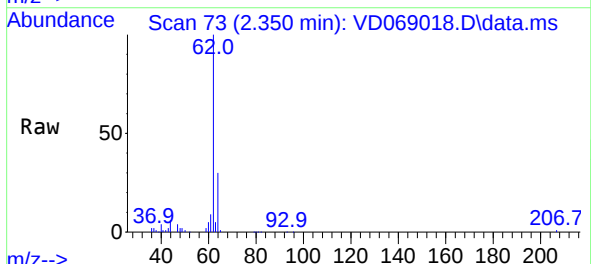
Manual Integrations  
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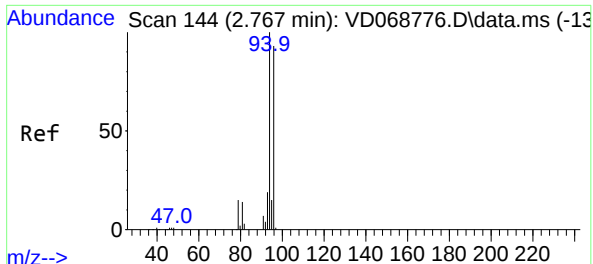
MMDadoda  
4/30/2021 11:02:43 AM



#4  
Vinyl Chloride  
Concen: 21.72 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 62 Resp: 76862  
Ion Ratio Lower Upper  
62 100  
64 30.1 27.1 40.7





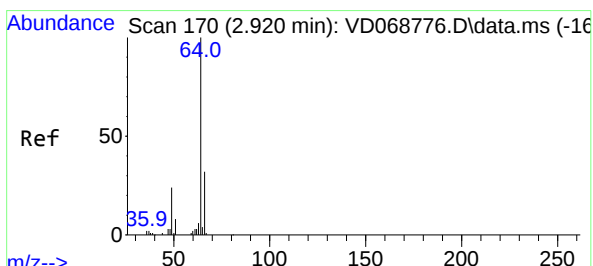
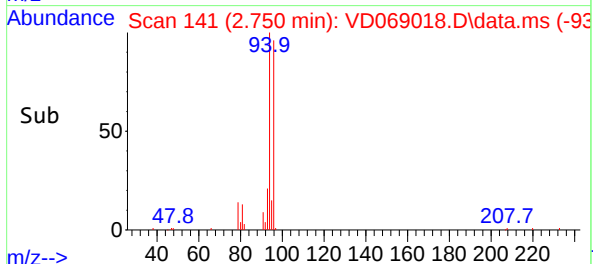
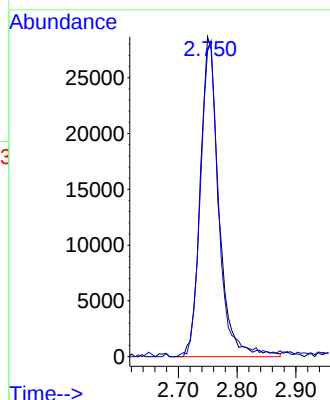
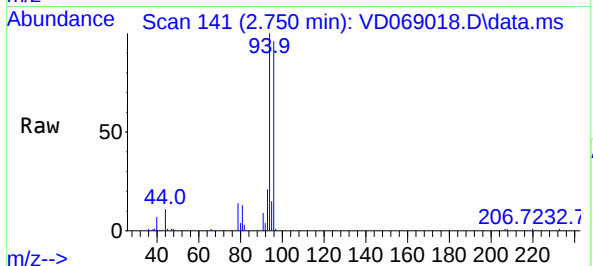
#5  
Bromomethane  
Concen: 23.67 ug/l  
RT: 2.750 min Scan# 141  
Delta R.T. -0.017 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 94 Resp: 62608  
Ion Ratio Lower Upper  
94 100  
96 95.0 74.7 112.1

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VD0429SBSD01

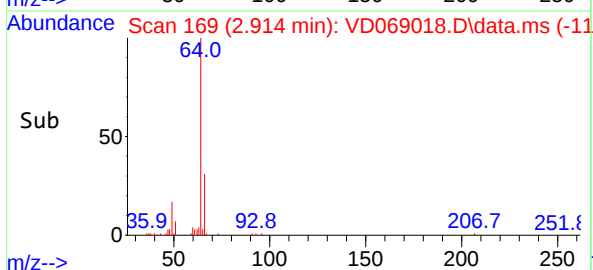
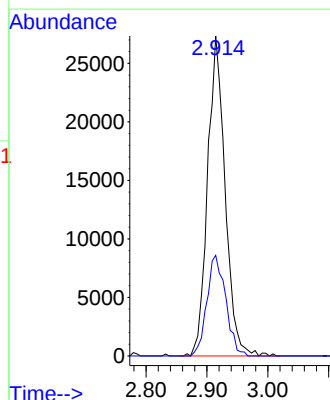
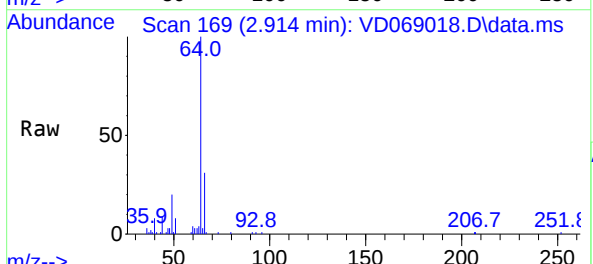
Manual Integrations  
APPROVED

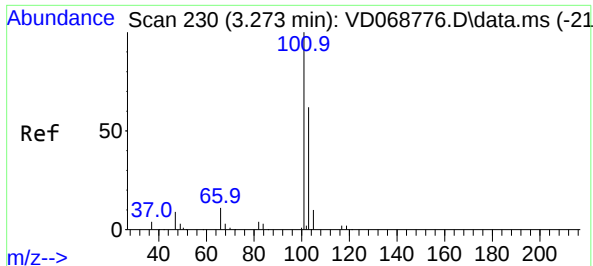
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4/30/2021 11:02:43 AM



#6  
Chloroethane  
Concen: 23.55 ug/l  
RT: 2.914 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 64 Resp: 54756  
Ion Ratio Lower Upper  
64 100  
66 31.5 26.0 39.0





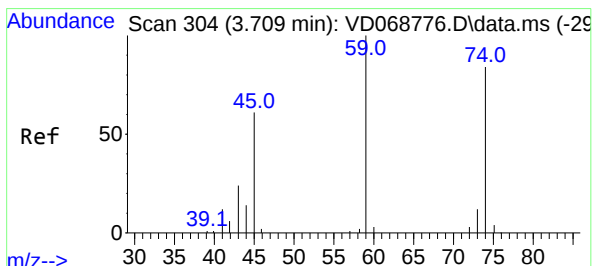
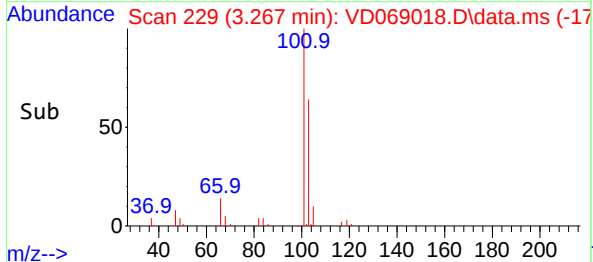
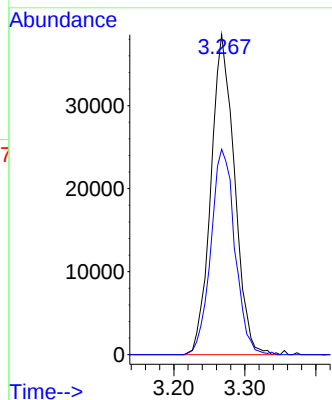
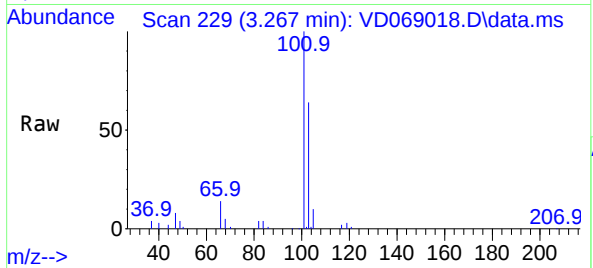
#7  
Trichlorofluoromethane  
Concen: 21.34 ug/l  
RT: 3.267 min Scan# 229  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion:101 Resp: 88838  
Ion Ratio Lower Upper  
101 100  
103 64.2 53.4 80.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01

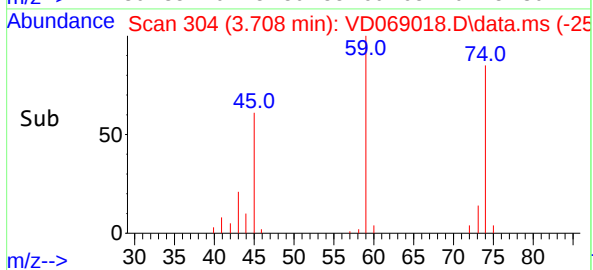
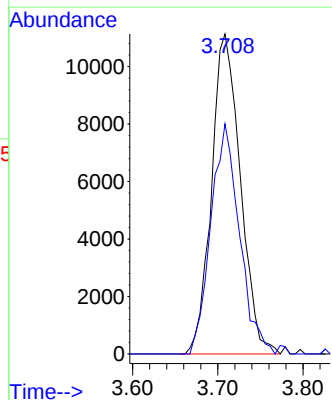
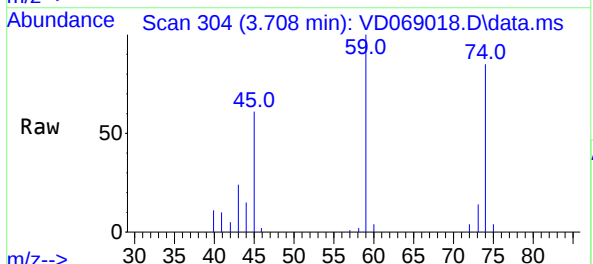
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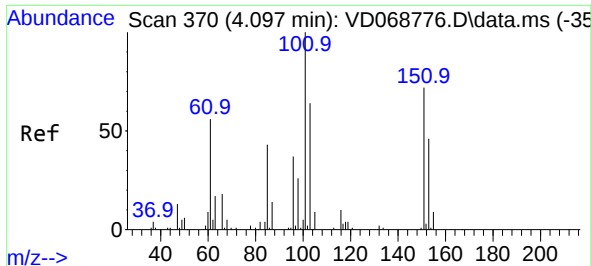
MMDadoda  
4/30/2021 11:02:43 AM



#8  
Diethyl Ether  
Concen: 23.26 ug/l  
RT: 3.708 min Scan# 304  
Delta R.T. -0.001 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 74 Resp: 26157  
Ion Ratio Lower Upper  
74 100  
45 71.2 40.5 121.5





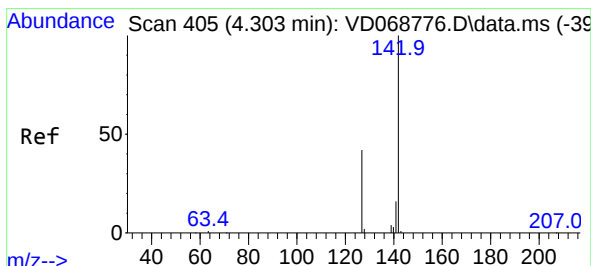
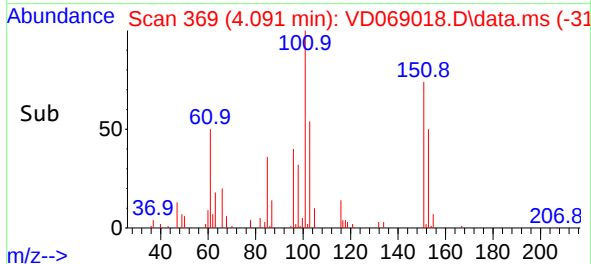
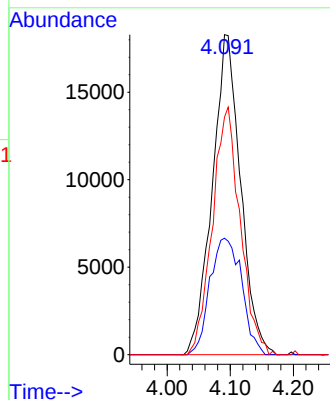
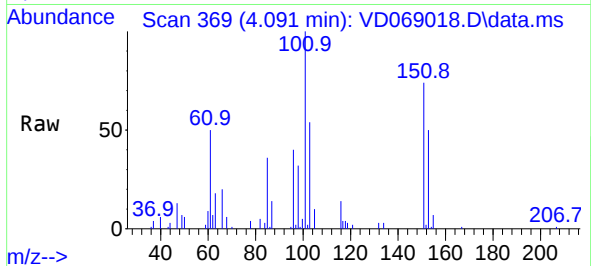
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.67 ug/l  
RT: 4.091 min Scan# 369  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 56951 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 40.8  | 33.8  | 50.6  |
| 151      | 76.0  | 59.4  | 89.2  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01

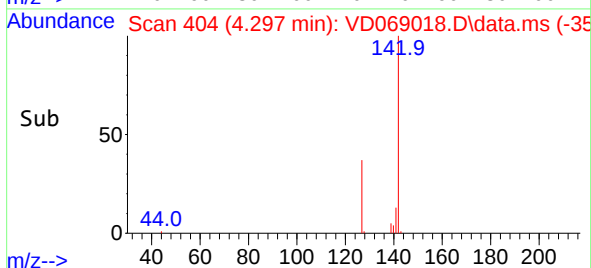
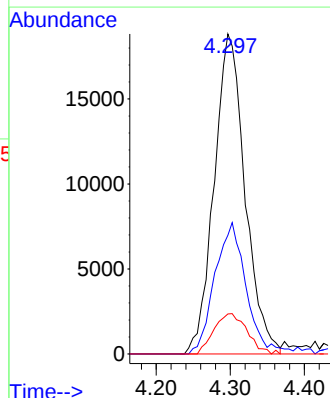
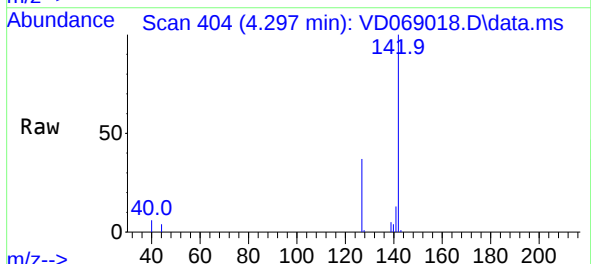
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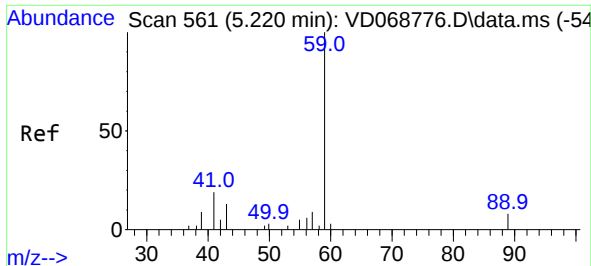
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#10  
Methyl Iodide  
Concen: 19.96 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 54541 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 41.7  | 34.7  | 52.1  |
| 141      | 13.6  | 11.0  | 16.4  |





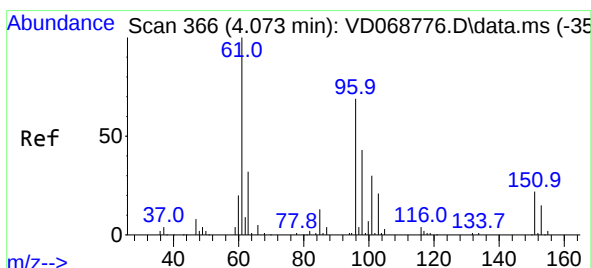
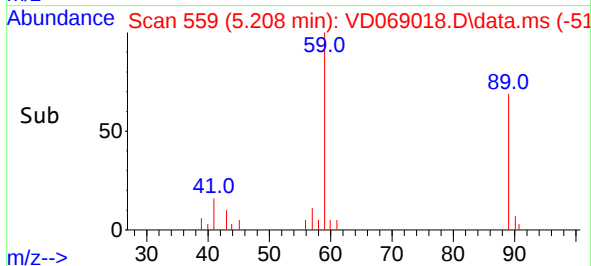
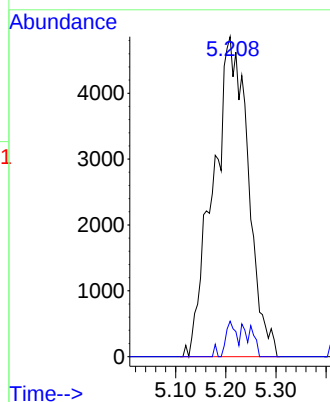
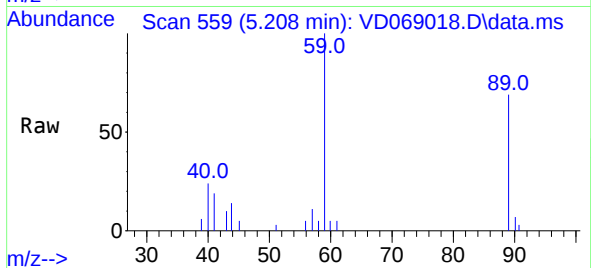
#11  
Tert butyl alcohol  
Concen: 163.36 ug/l  
RT: 5.208 min Scan# 559  
Delta R.T. -0.012 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 59 Resp: 23563  
Ion Ratio Lower Upper  
59 100  
57 3.1 7.8 11.8#

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBS01

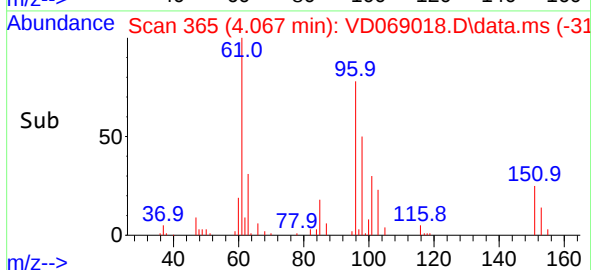
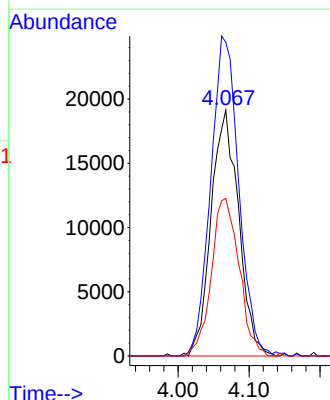
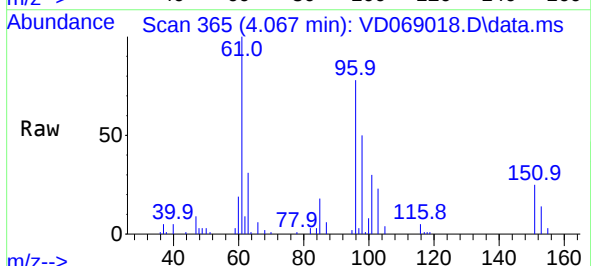
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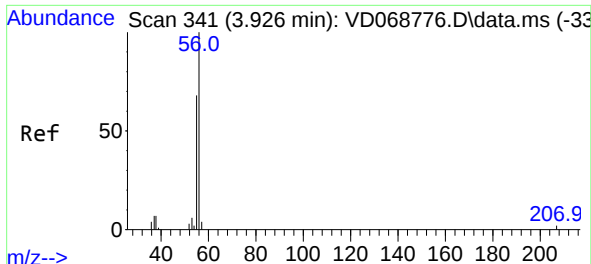
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#12  
1,1-Dichloroethene  
Concen: 21.25 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

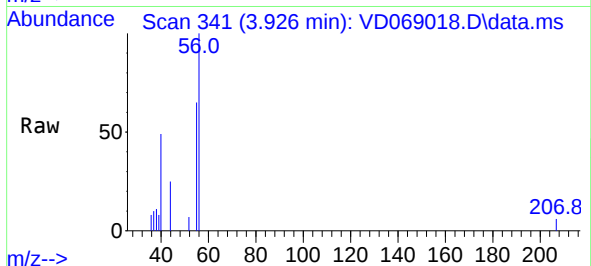
Tgt Ion: 96 Resp: 51421  
Ion Ratio Lower Upper  
96 100  
61 127.6 112.2 168.2  
98 64.2 50.2 75.2



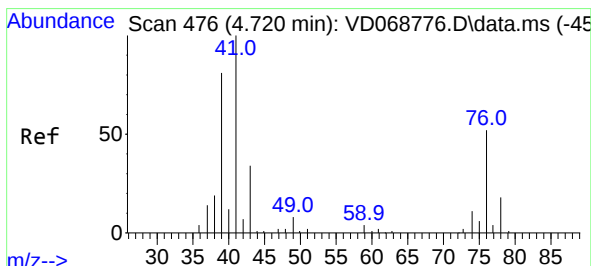
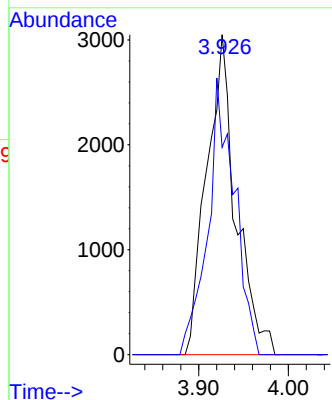
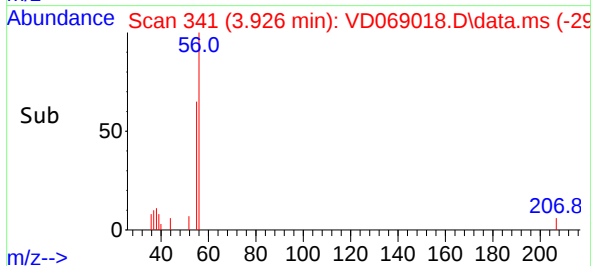


#13  
Acrolein  
Concen: 68.48 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

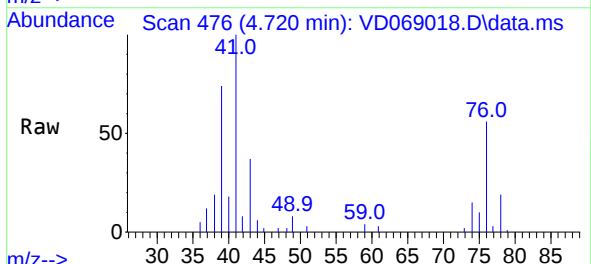
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01



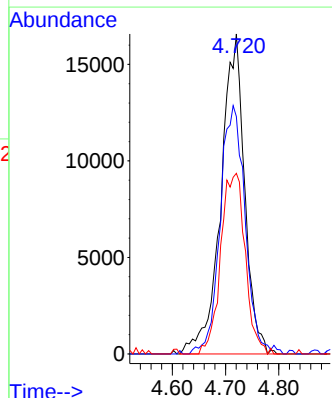
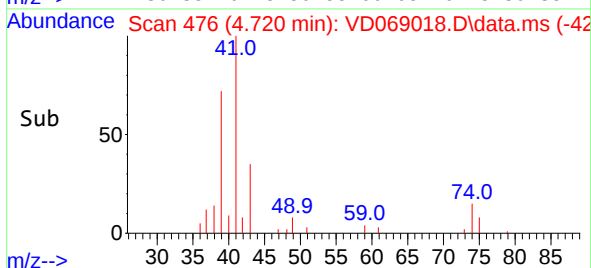
Tgt Ion: 56 Resp: 6887  
Ion Ratio Lower Upper  
56 100  
55 79.0 54.7 82.1

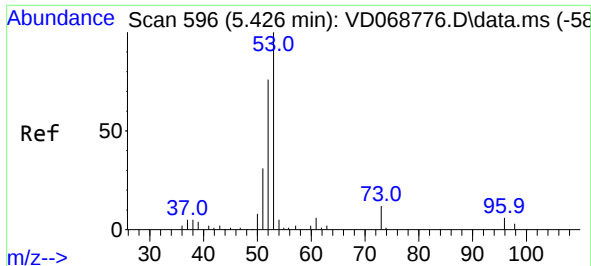


#14  
Allyl chloride  
Concen: 18.79 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

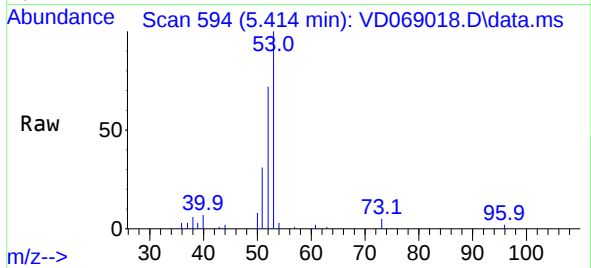


Tgt Ion: 41 Resp: 51242  
Ion Ratio Lower Upper  
41 100  
39 81.8 60.6 91.0  
76 58.3 40.4 60.6

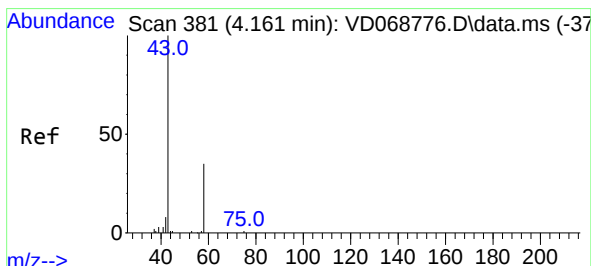
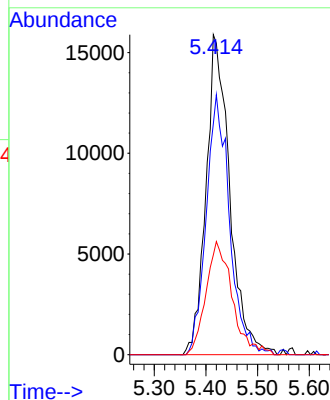
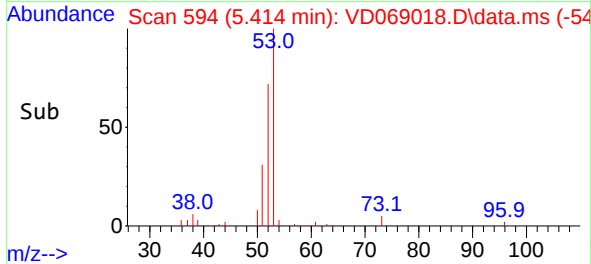




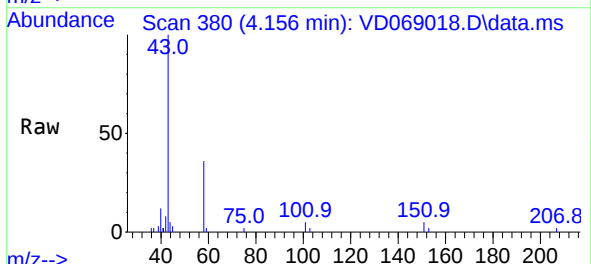
#15  
Acrylonitrile  
Concen: 100.18 ug/l  
RT: 5.414 min Scan# 594  
Delta R.T. -0.012 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



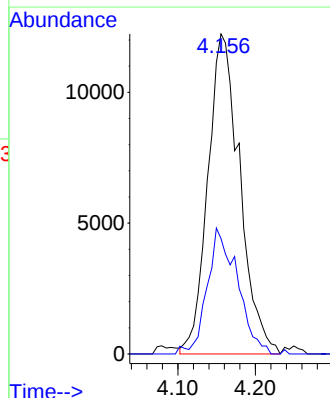
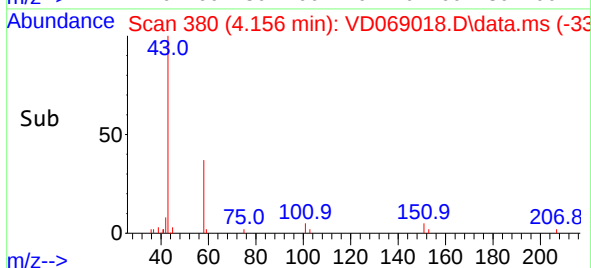
Tgt Ion: 53 Resp: 50552  
Ion Ratio Lower Upper  
53 100  
52 80.1 63.3 94.9  
51 39.4 28.3 42.5



#16  
Acetone  
Concen: 98.98 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.005 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



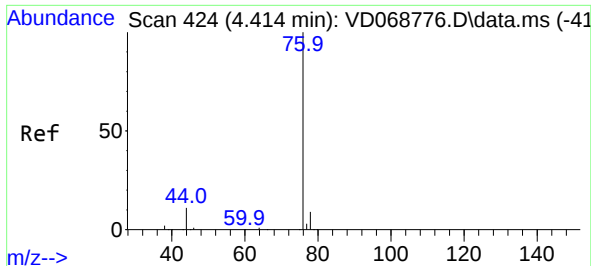
Tgt Ion: 43 Resp: 35022  
Ion Ratio Lower Upper  
43 100  
58 36.1 28.0 42.0



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBS01

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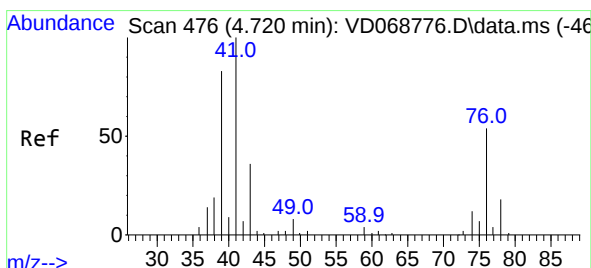
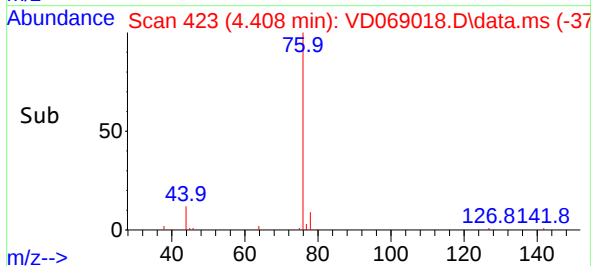
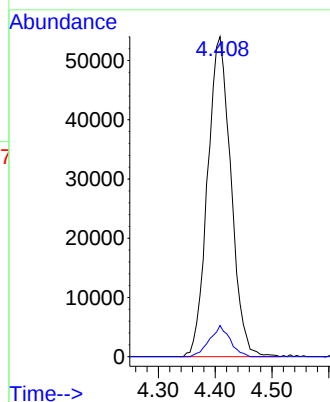
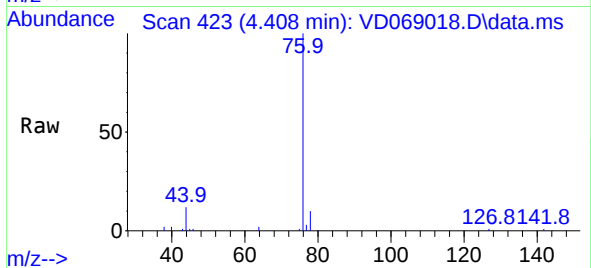
#17  
Carbon Disulfide  
Concen: 19.66 ug/l  
RT: 4.408 min Scan# 423  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 76 Resp: 154032  
Ion Ratio Lower Upper  
76 100  
78 9.8 7.3 10.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01

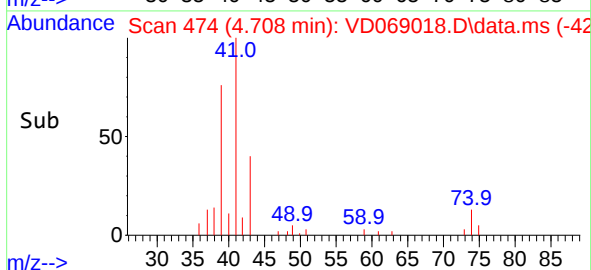
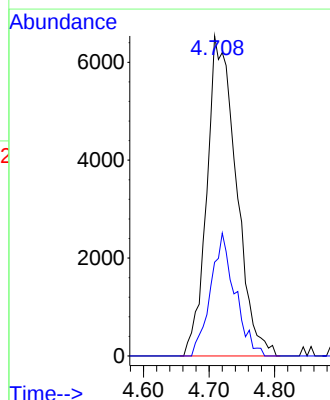
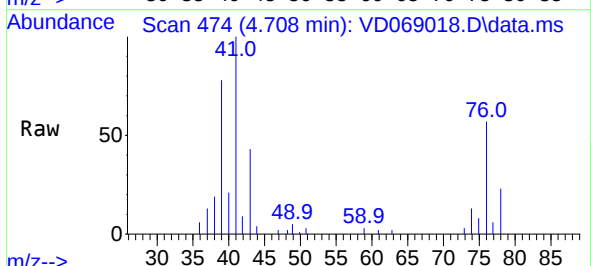
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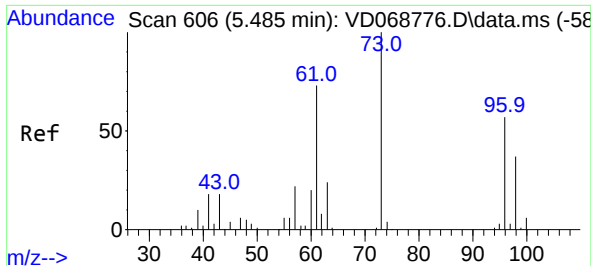
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#18  
Methyl Acetate  
Concen: 20.92 ug/l  
RT: 4.708 min Scan# 474  
Delta R.T. -0.012 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 43 Resp: 20332  
Ion Ratio Lower Upper  
43 100  
74 31.9 25.4 38.2





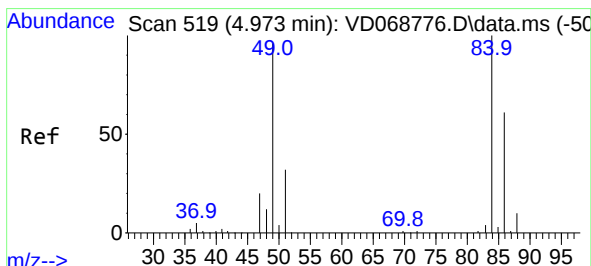
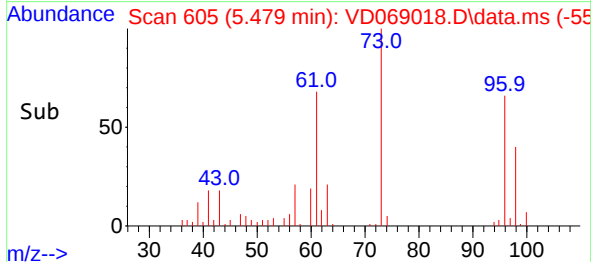
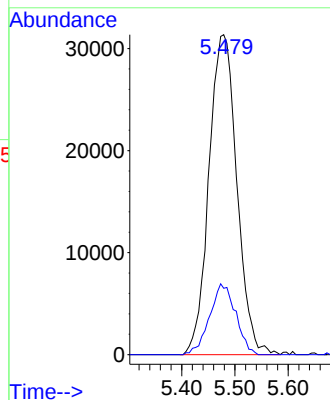
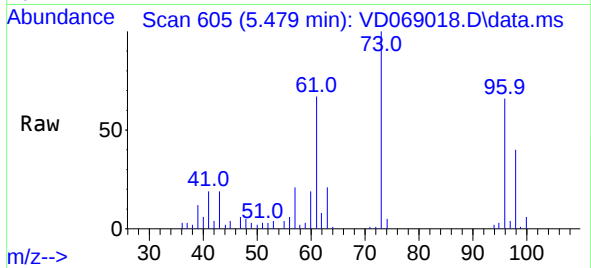
#19  
Methyl tert-butyl Ether  
Concen: 21.26 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 73 Resp: 114179  
Ion Ratio Lower Upper  
73 100  
57 20.7 17.3 25.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBS01

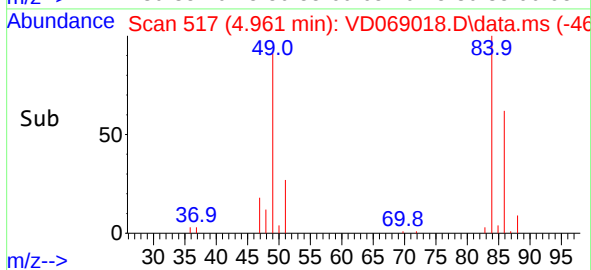
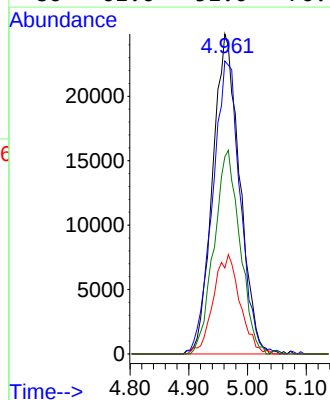
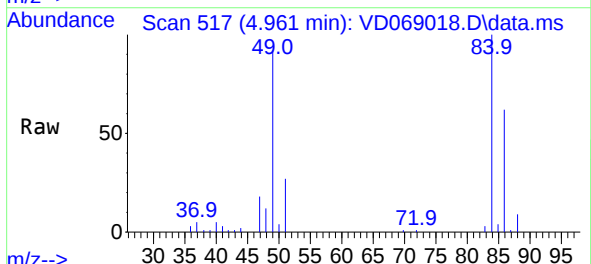
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#20  
Methylene Chloride  
Concen: 25.24 ug/l  
RT: 4.961 min Scan# 517  
Delta R.T. -0.012 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

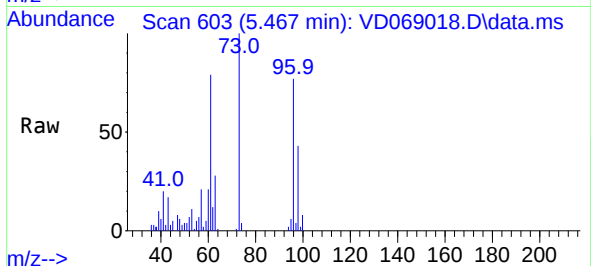
Tgt Ion: 84 Resp: 79179  
Ion Ratio Lower Upper  
84 100  
49 91.6 83.4 125.0  
51 26.9 23.4 35.2  
86 61.6 51.0 76.4





#21  
trans-1,2-Dichloroethene  
Concen: 21.02 ug/l  
RT: 5.467 min Scan# 603  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01

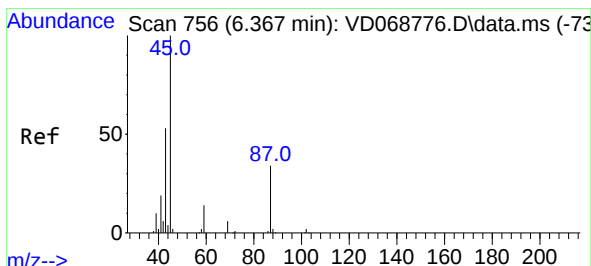
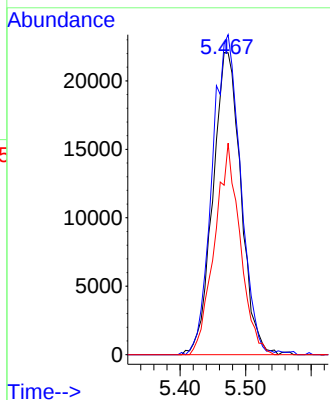
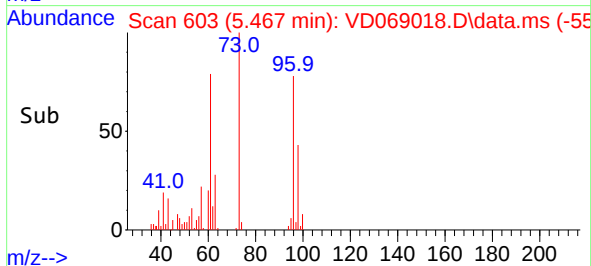


Tgt Ion: 96 Resp: 65324

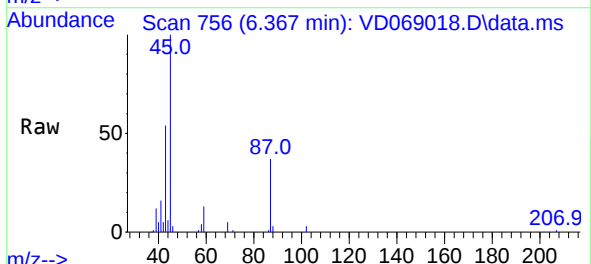
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 102.8 | 91.8  | 137.6 |
| 98  | 56.1  | 49.3  | 73.9  |

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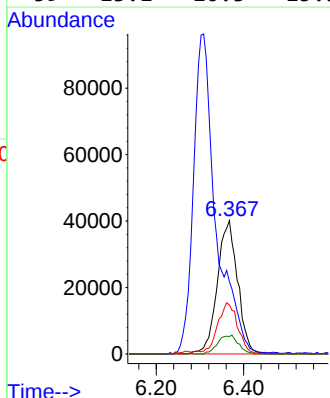
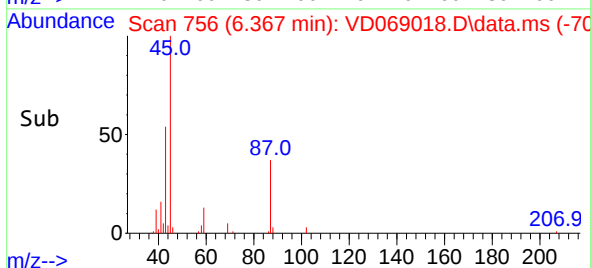


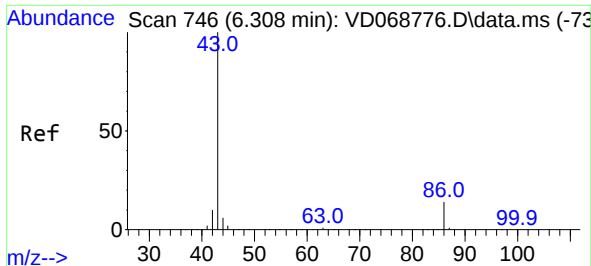
#22  
Diisopropyl ether  
Concen: 19.54 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



Tgt Ion: 45 Resp: 129132

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 53.4  | 41.8  | 62.8  |
| 87  | 36.9  | 29.2  | 43.8  |
| 59  | 13.1  | 10.3  | 15.5  |





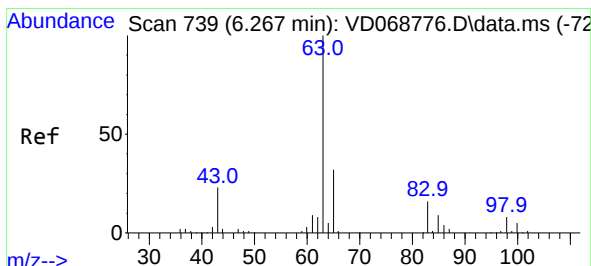
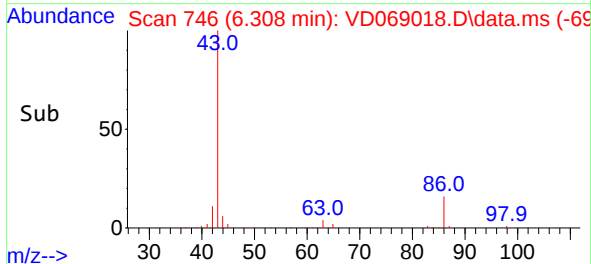
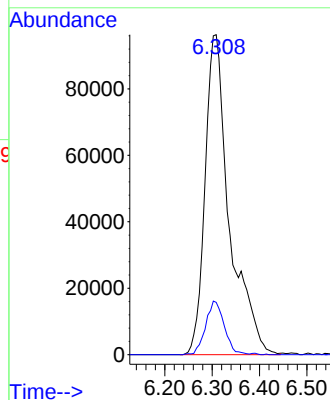
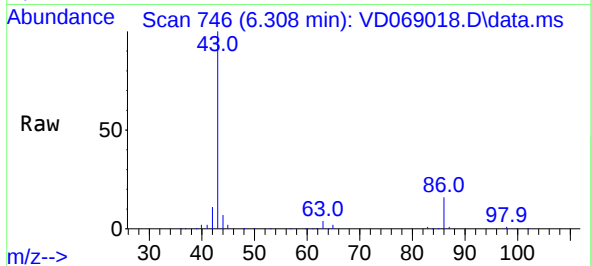
#23  
 Vinyl Acetate  
 Concen: 98.32 ug/l  
 RT: 6.308 min Scan# 746  
 Delta R.T. 0.000 min  
 Lab File: VD069018.D  
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Tgt Ion: 43 Resp: 344323  
 Ion Ratio Lower Upper  
 43 100  
 86 16.3 11.0 16.6

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0429SBS01

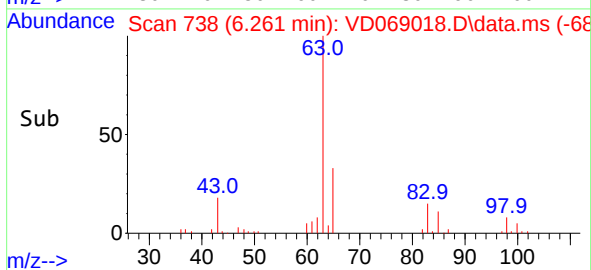
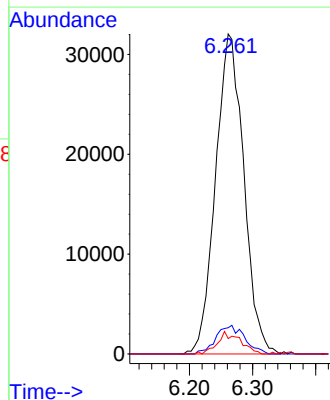
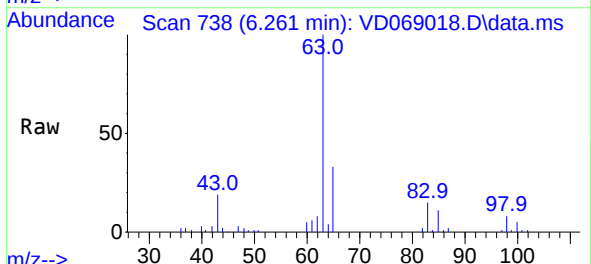
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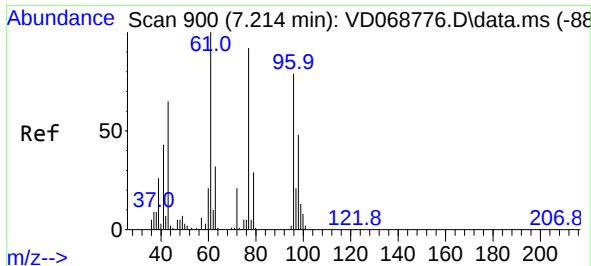
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#24  
 1,1-Dichloroethane  
 Concen: 19.95 ug/l  
 RT: 6.261 min Scan# 738  
 Delta R.T. -0.006 min  
 Lab File: VD069018.D  
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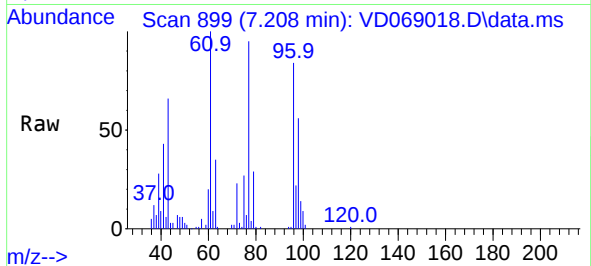
Tgt Ion: 63 Resp: 99397  
 Ion Ratio Lower Upper  
 63 100  
 98 8.2 3.8 11.2  
 100 4.8 2.3 6.9





#25  
2-Butanone  
Concen: 110.82 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

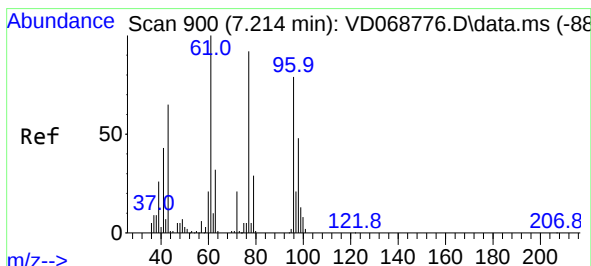
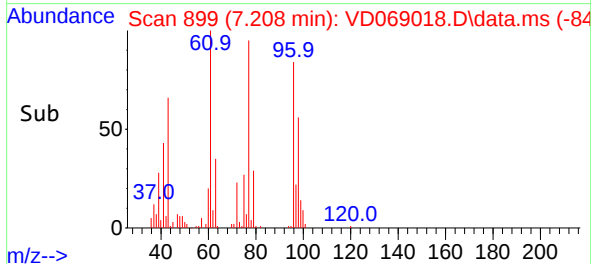
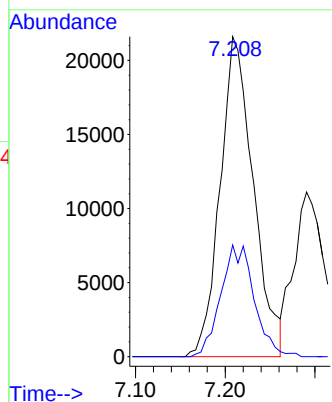
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Tgt Ion: 43 Resp: 55489  
Ion Ratio Lower Upper  
43 100  
72 34.9 28.6 43.0

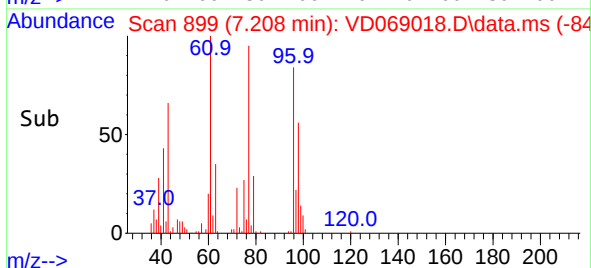
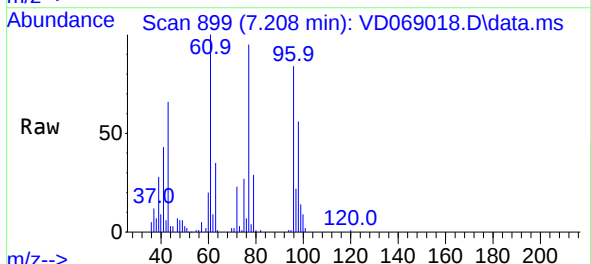
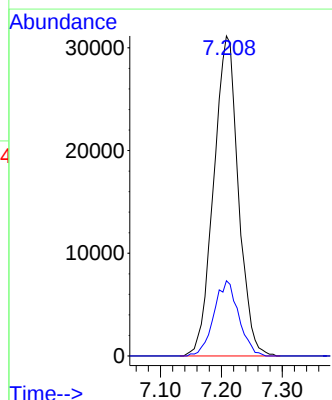
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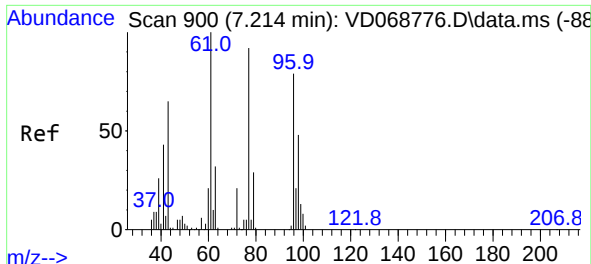
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#26  
2,2-Dichloropropane  
Concen: 21.52 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

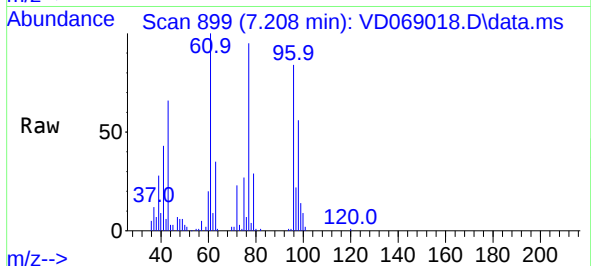
Tgt Ion: 77 Resp: 87575  
Ion Ratio Lower Upper  
77 100  
97 23.7 12.0 36.1





#27  
 cis-1,2-Dichloroethene  
 Concen: 23.43 ug/l  
 RT: 7.208 min Scan# 899  
 Delta R.T. -0.006 min  
 Lab File: VD069018.D  
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Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0429SBSD01

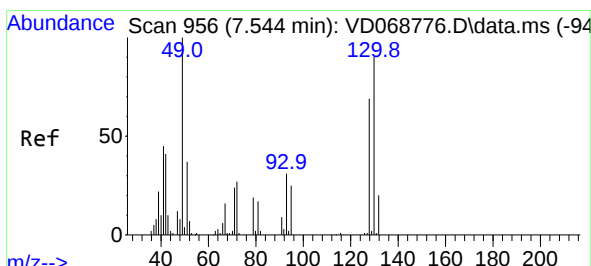
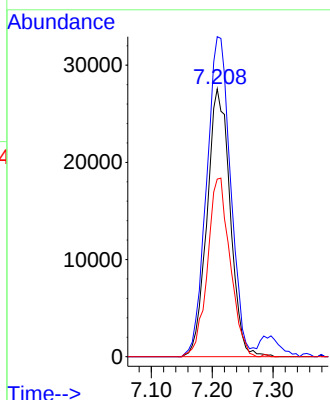
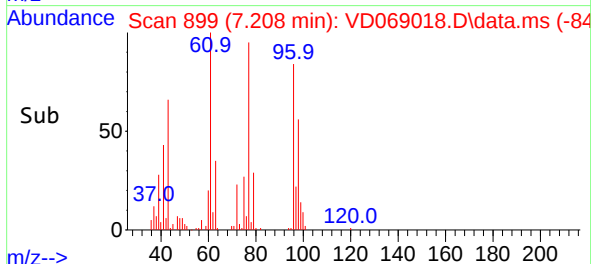


Tgt Ion: 96 Resp: 72366

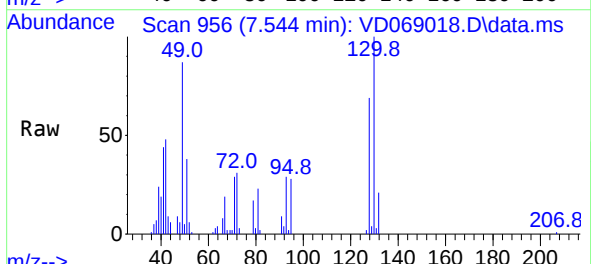
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 124.8 | 0.0   | 258.8 |
| 98  | 65.6  | 0.0   | 128.4 |

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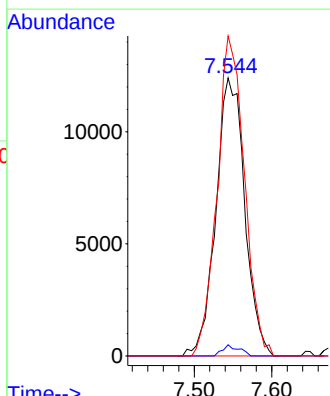
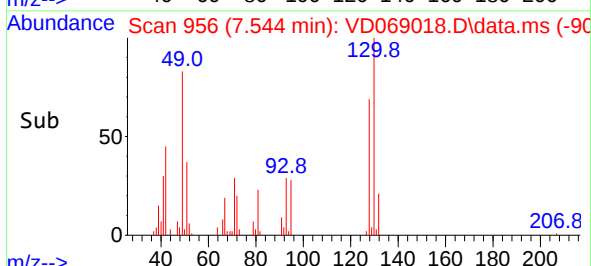


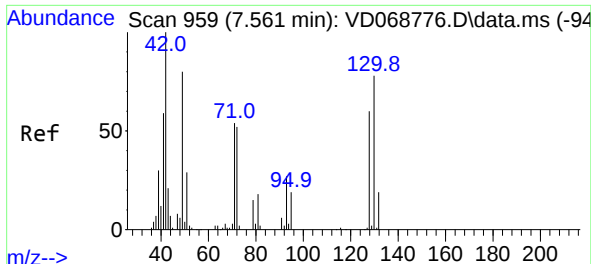
#28  
 Bromochloromethane  
 Concen: 17.83 ug/l  
 RT: 7.544 min Scan# 956  
 Delta R.T. -0.000 min  
 Lab File: VD069018.D  
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Tgt Ion: 49 Resp: 32060

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.3   | 0.0   | 5.2   |
| 130 | 109.3 | 74.6  | 112.0 |





#29

Tetrahydrofuran

Concen: 105.08 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.006 min

Lab File: VD069018.D

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 35385 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 59.3  | 45.2  | 67.8  |
| 71       | 60.1  | 40.8  | 61.2  |

Instrument :

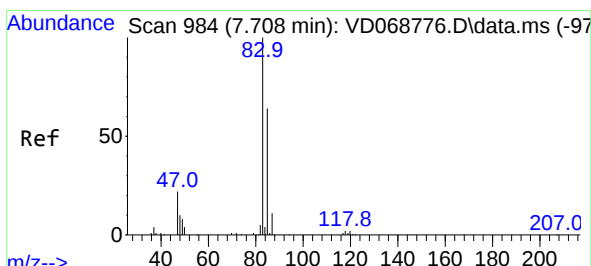
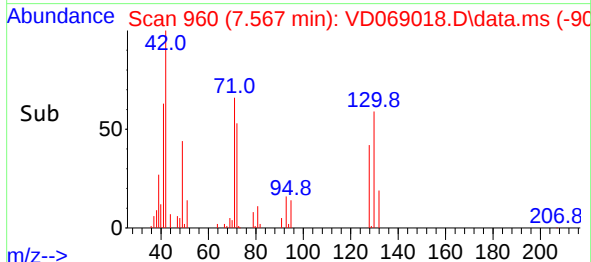
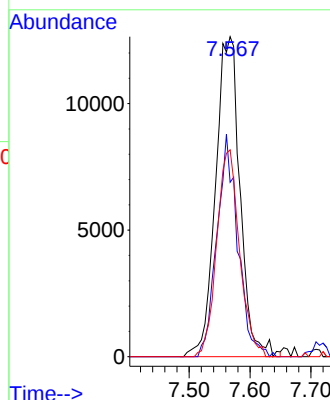
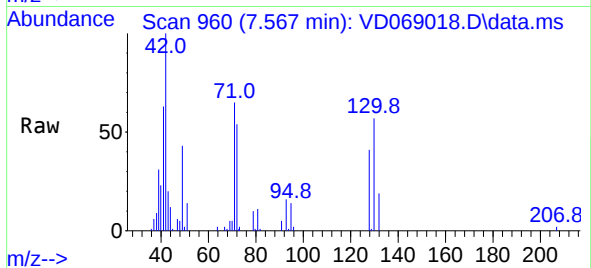
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#30

Chloroform

Concen: 21.49 ug/l

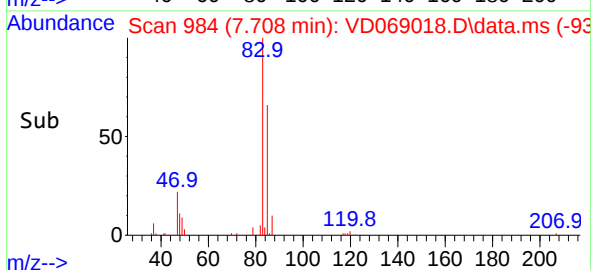
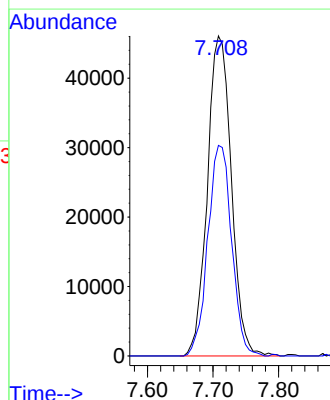
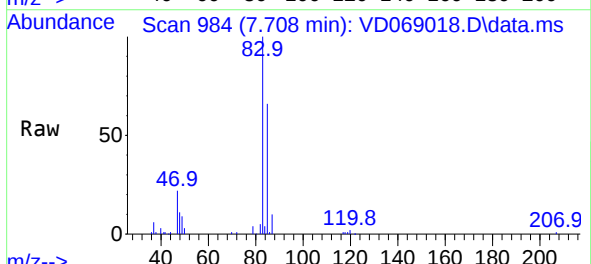
RT: 7.708 min Scan# 984

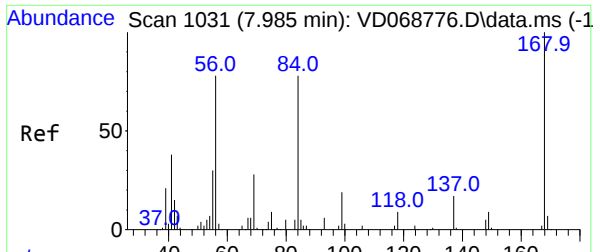
Delta R.T. 0.000 min

Lab File: VD069018.D

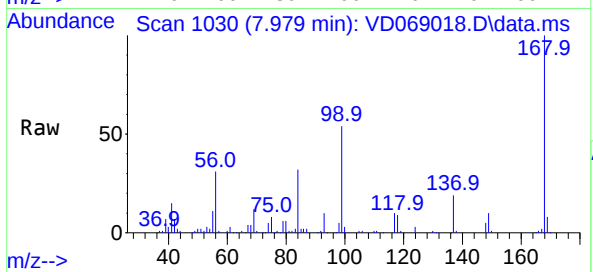
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 117200 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.8  | 53.3  | 79.9   |

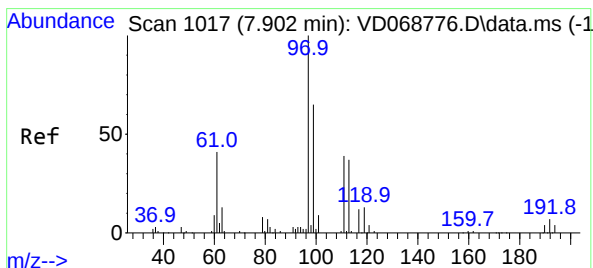
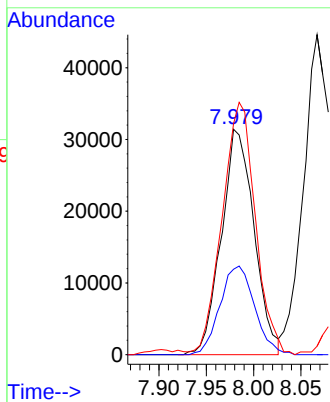
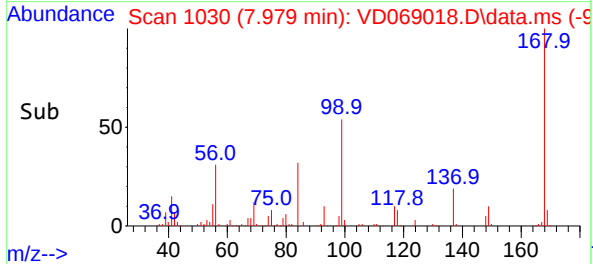




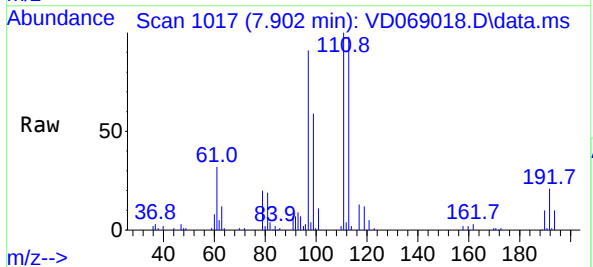
#31  
Cyclohexane  
Concen: 17.77 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



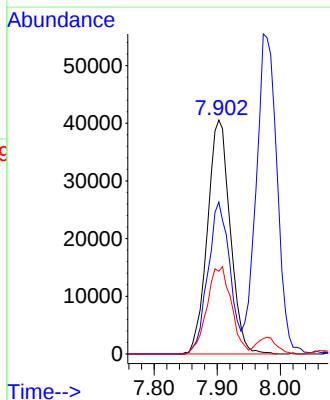
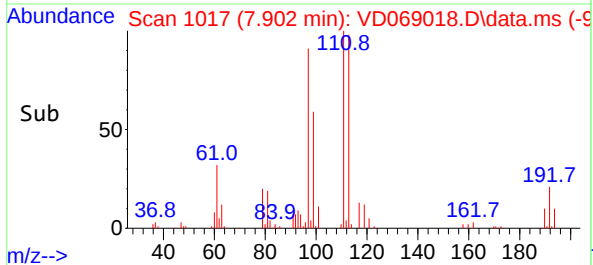
Tgt Ion: 56 Resp: 75534  
Ion Ratio Lower Upper  
56 100  
69 37.9 30.0 45.0  
84 100.5 82.0 123.0



#32  
1,1,1-Trichloroethane  
Concen: 21.28 ug/l  
RT: 7.902 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
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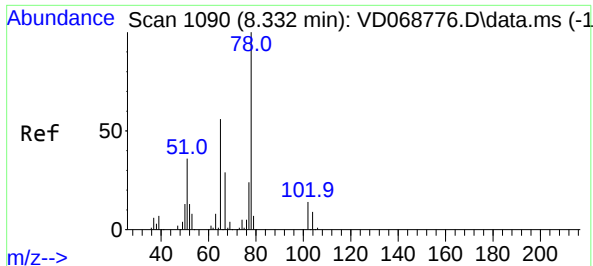
Tgt Ion: 97 Resp: 101398  
Ion Ratio Lower Upper  
97 100  
99 62.5 50.8 76.2  
61 40.0 33.7 50.5



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBS01

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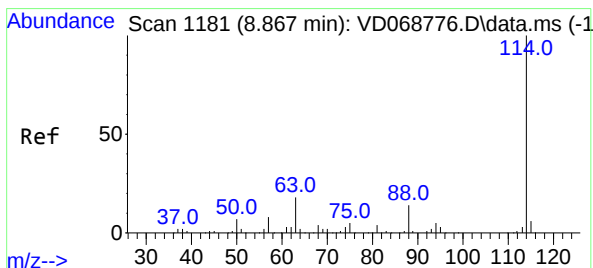
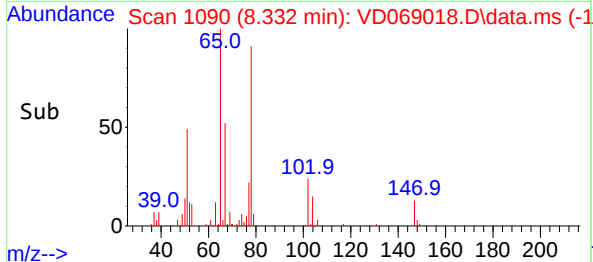
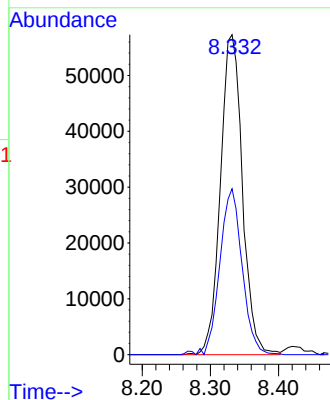
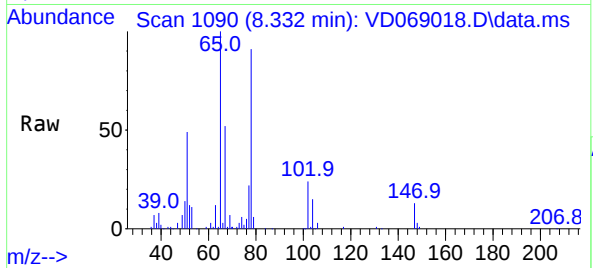
#33  
1,2-Dichloroethane-d4  
Concen: 50.32 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
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Tgt Ion: 65 Resp: 128577  
Ion Ratio Lower Upper  
65 100  
67 52.4 0.0 106.0

Instrument :  
MSVOA\_D  
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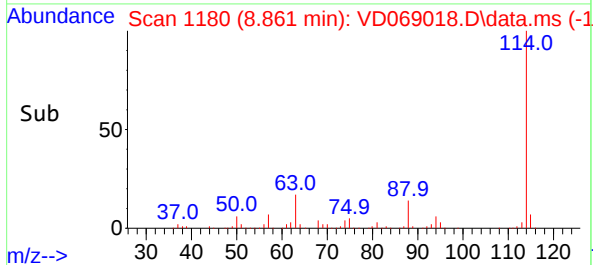
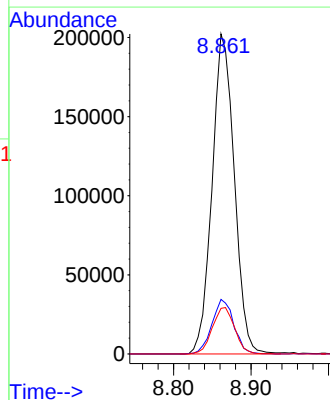
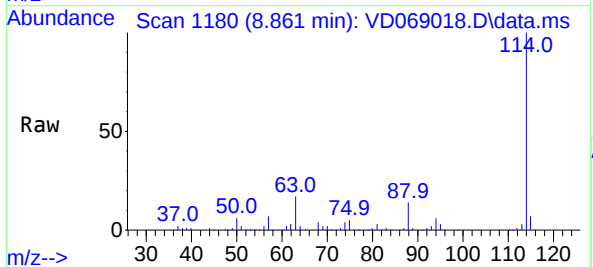
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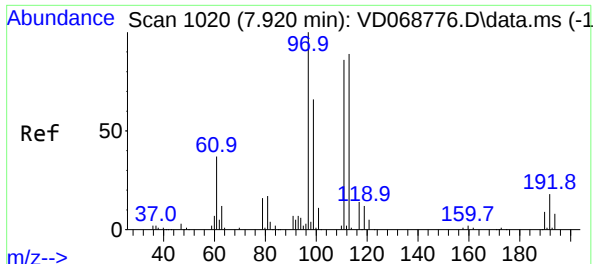
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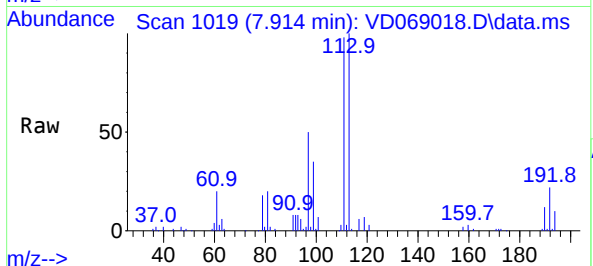
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
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Tgt Ion: 114 Resp: 402910  
Ion Ratio Lower Upper  
114 100  
63 17.0 0.0 38.2  
88 14.3 0.0 29.4

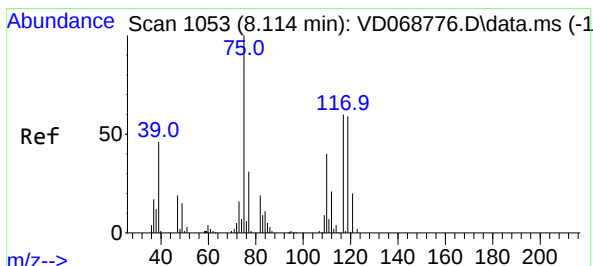
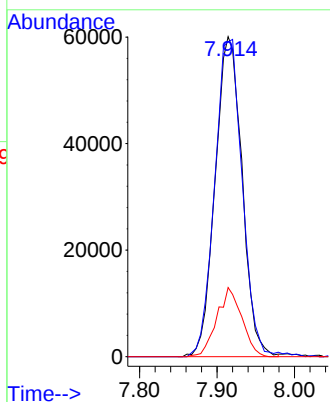
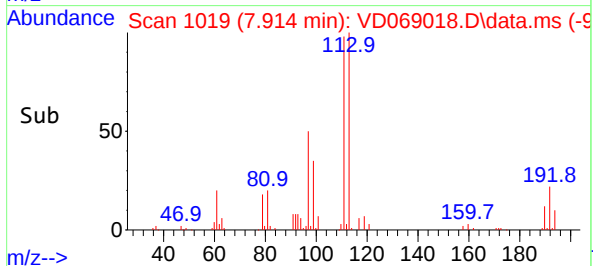




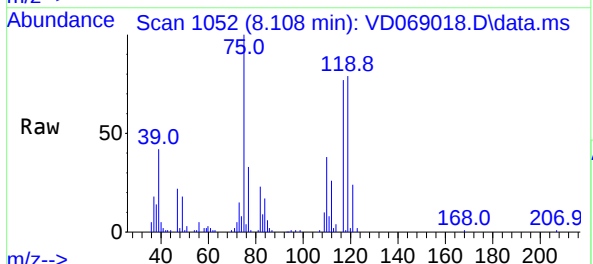
#35  
Dibromofluoromethane  
Concen: 55.29 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



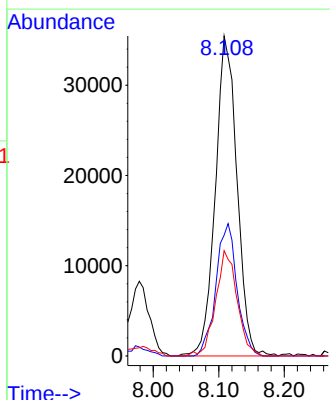
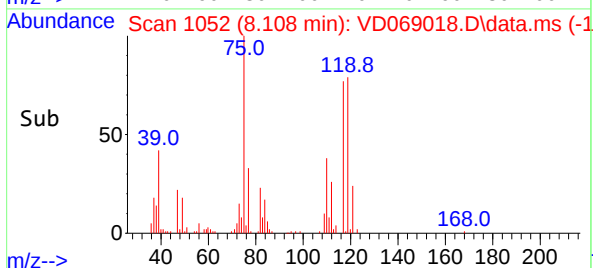
Tgt Ion: 113 Resp: 144888  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.5 123.7  
192 20.1 15.1 22.7



#36  
1,1-Dichloropropene  
Concen: 19.89 ug/l  
RT: 8.108 min Scan# 1052  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



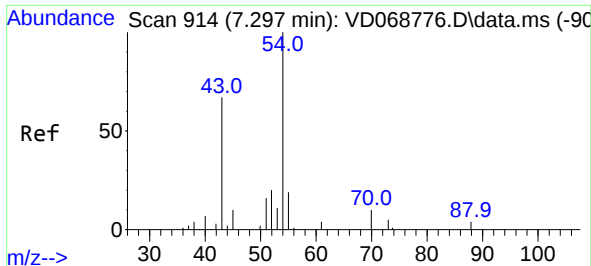
Tgt Ion: 75 Resp: 81130  
Ion Ratio Lower Upper  
75 100  
110 40.4 18.1 54.4  
77 32.6 24.7 37.1



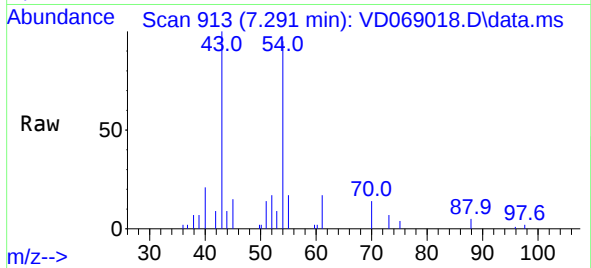
Instrument :  
MSVOA\_D  
ClientSampleId :  
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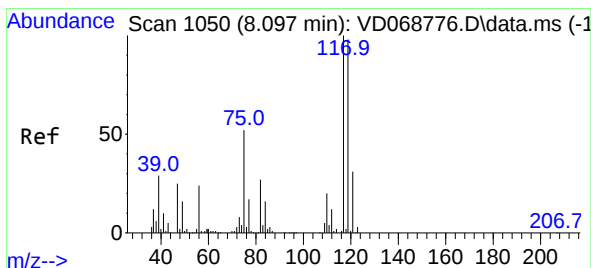
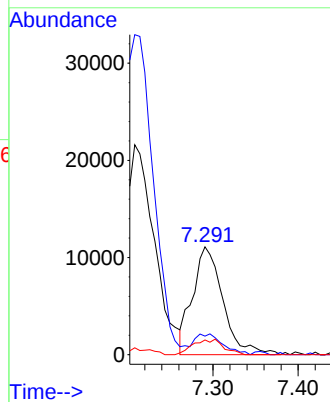
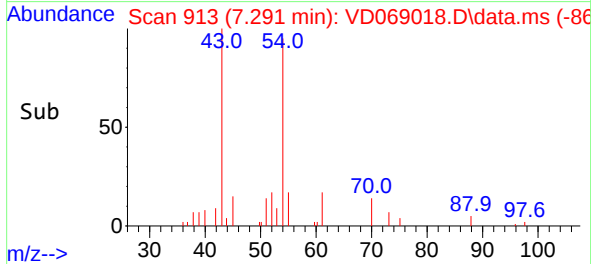
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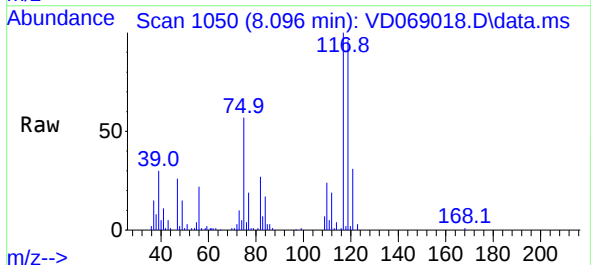
#37  
Ethyl Acetate  
Concen: 22.89 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



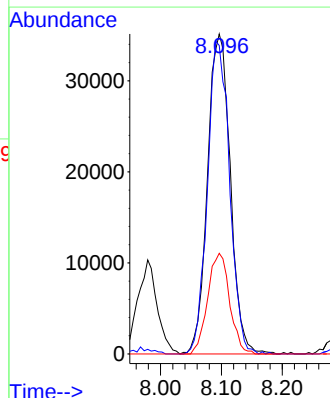
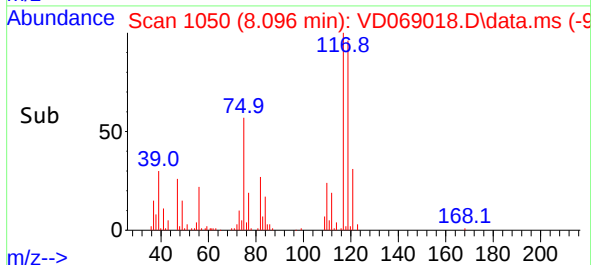
Tgt Ion: 43 Resp: 27417  
Ion Ratio Lower Upper  
43 100  
61 17.3 14.2 21.4  
70 14.2 9.4 14.0#



#38  
Carbon Tetrachloride  
Concen: 22.65 ug/l  
RT: 8.096 min Scan# 1050  
Delta R.T. -0.001 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



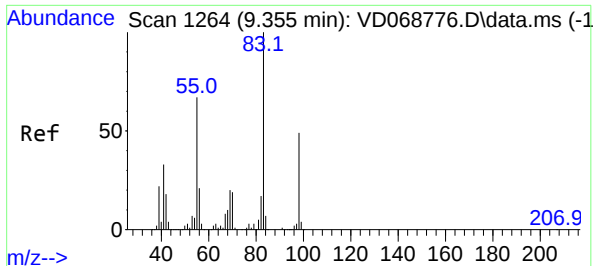
Tgt Ion: 117 Resp: 91471  
Ion Ratio Lower Upper  
117 100  
119 96.4 76.6 115.0  
121 31.5 26.1 39.1



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBS01

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#39

Methylcyclohexane

Concen: 19.15 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD069018.D

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 91062 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 68.5  | 51.7  | 77.5  |
| 98       | 47.3  | 38.8  | 58.2  |

Instrument :

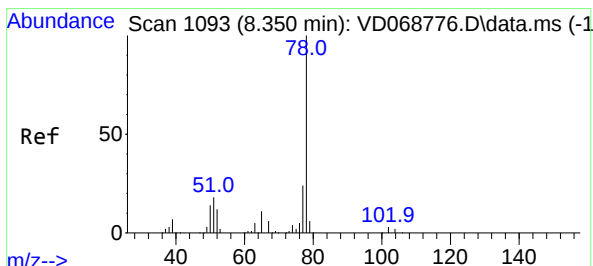
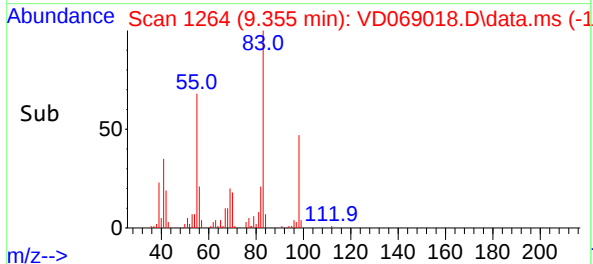
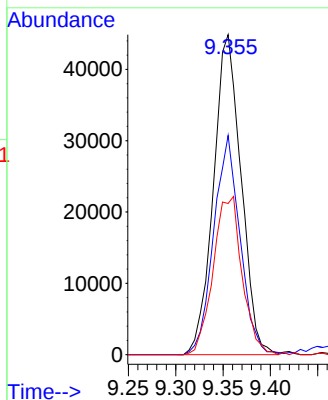
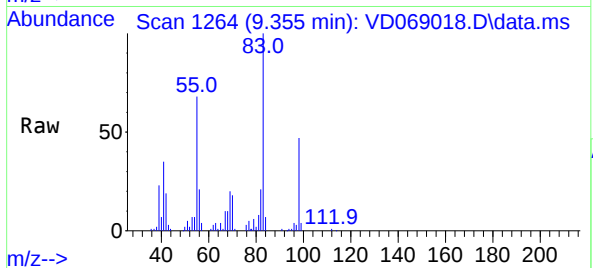
MSVOA\_D

ClientSampleId :

VD0429SBSD01

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#40

Benzene

Concen: 21.11 ug/l

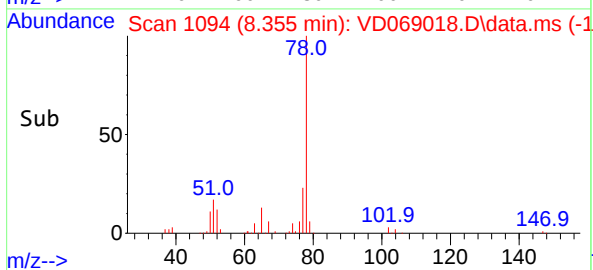
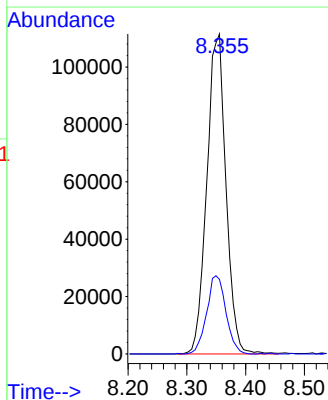
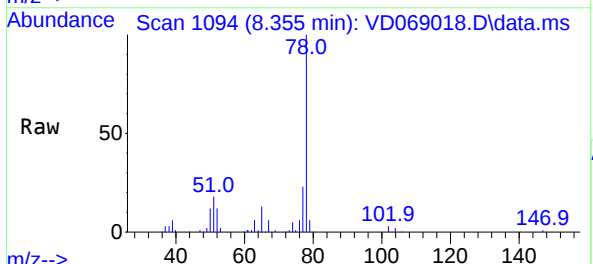
RT: 8.355 min Scan# 1094

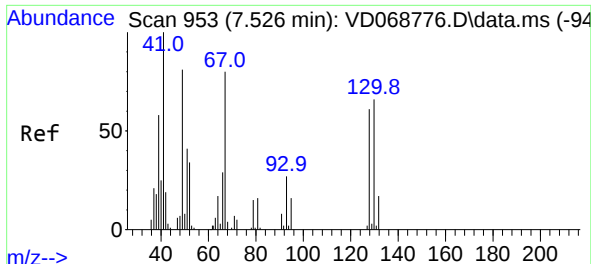
Delta R.T. 0.005 min

Lab File: VD069018.D

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 251867 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 23.3  | 18.2  | 27.2   |





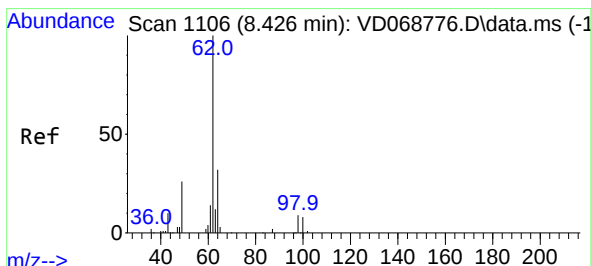
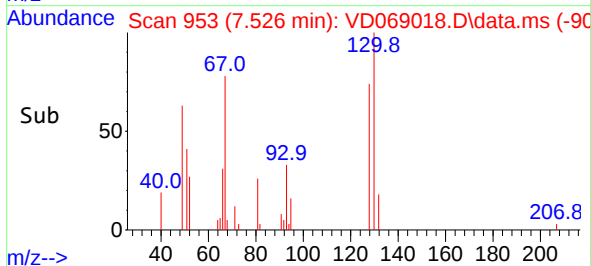
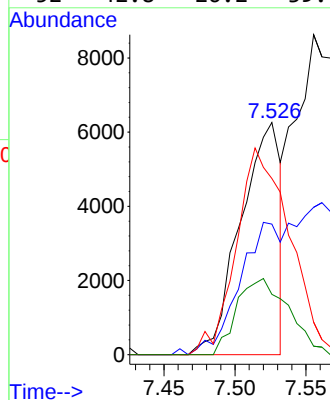
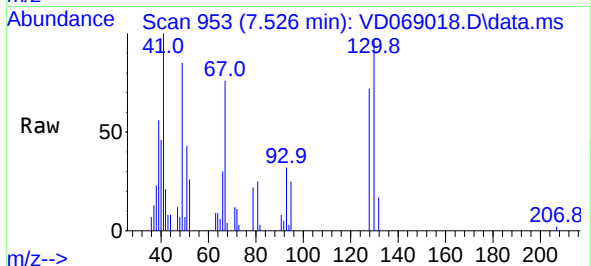
#41  
Methacrylonitrile  
Concen: 17.33 ug/l  
RT: 7.526 min Scan# 953  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 12290 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.5  | 43.2  | 64.8  |
| 67       | 118.9 | 63.9  | 95.9# |
| 52       | 42.8  | 26.2  | 39.4# |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01

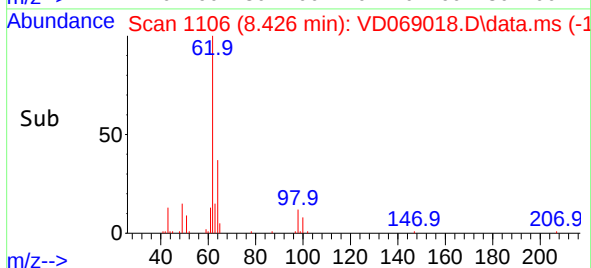
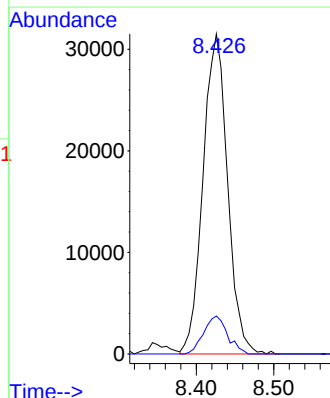
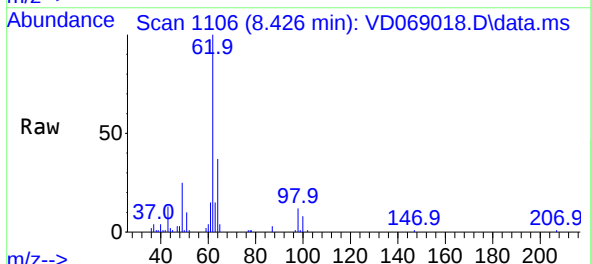
Manual Integrations  
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#42  
1,2-Dichloroethane  
Concen: 21.96 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 69293 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 11.5  | 0.0   | 22.6  |





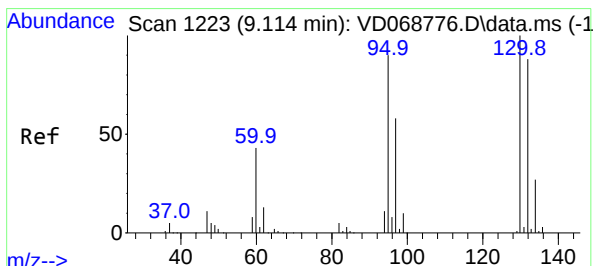
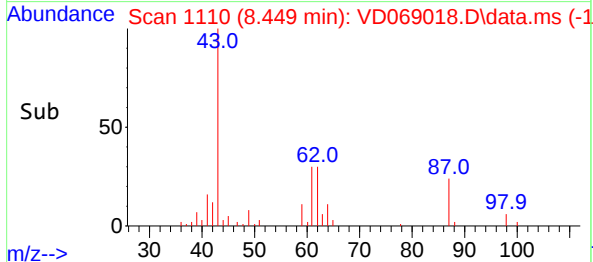
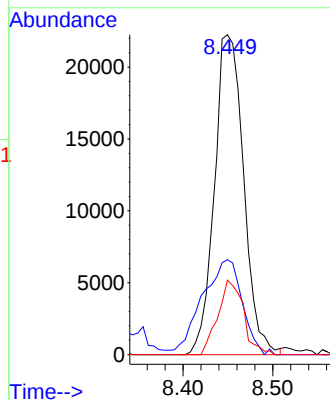
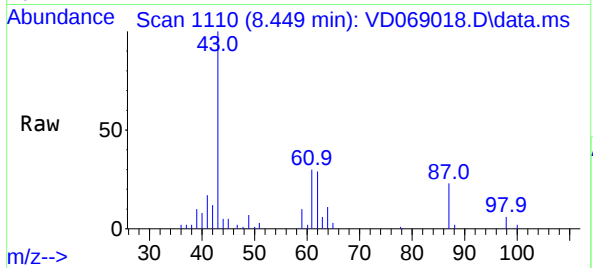
#43  
Isopropyl Acetate  
Concen: 20.61 ug/l  
RT: 8.449 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 43 Resp: 50326  
Ion Ratio Lower Upper  
43 100  
61 40.7 29.5 44.3  
87 20.4 13.5 20.3#

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBS01

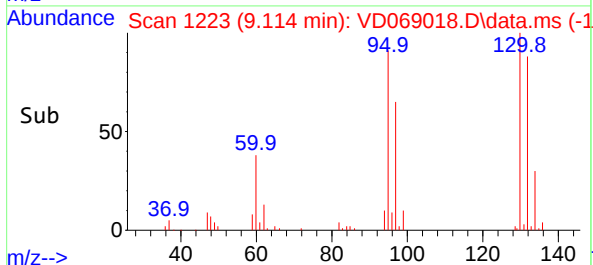
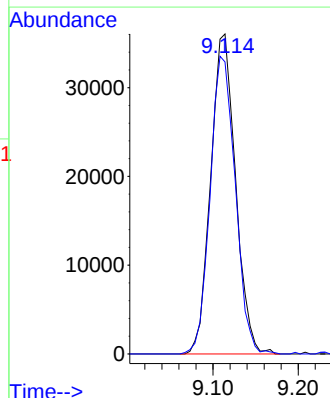
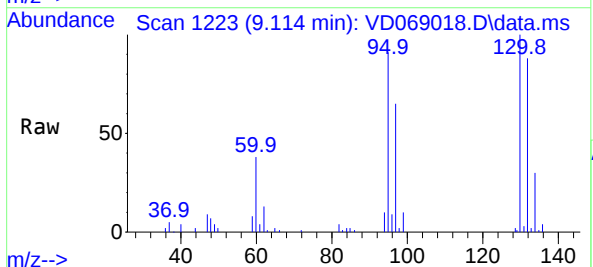
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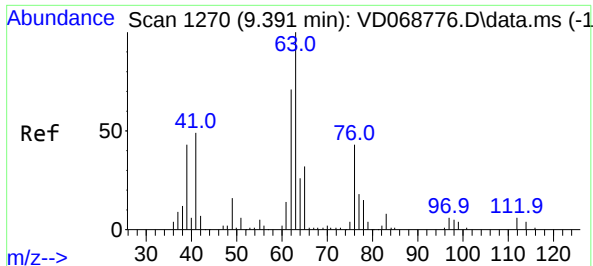
MMDadoda  
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#44  
Trichloroethene  
Concen: 22.17 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 130 Resp: 73091  
Ion Ratio Lower Upper  
130 100  
95 91.3 0.0 203.8





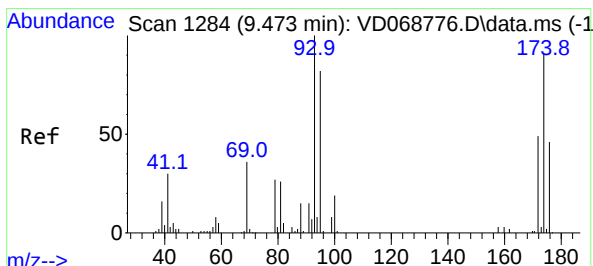
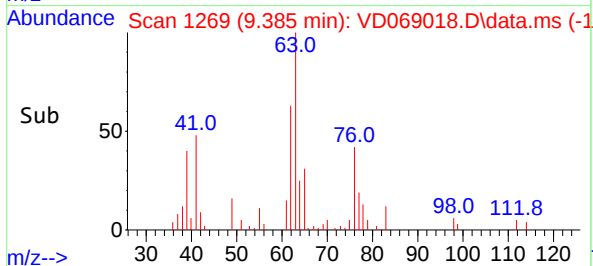
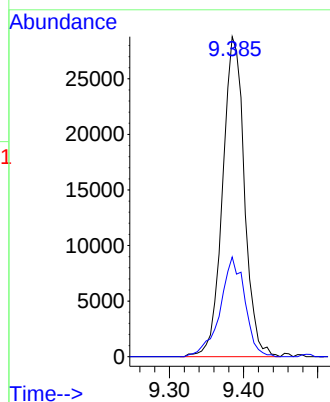
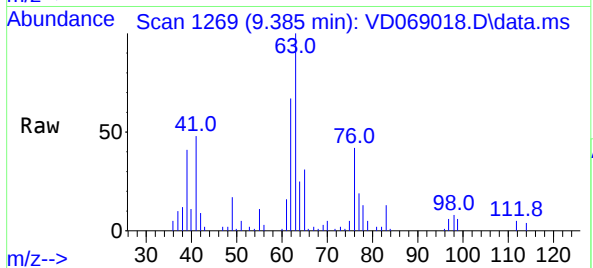
#45  
1,2-Dichloropropane  
Concen: 20.62 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 63 Resp: 58774  
Ion Ratio Lower Upper  
63 100  
65 31.2 27.0 40.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01

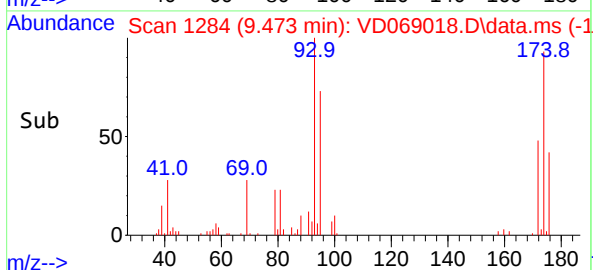
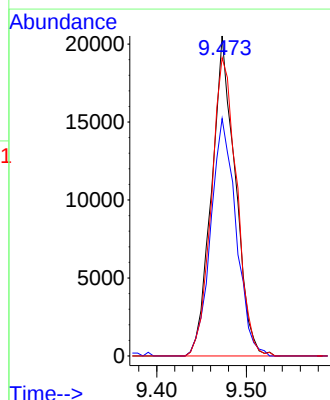
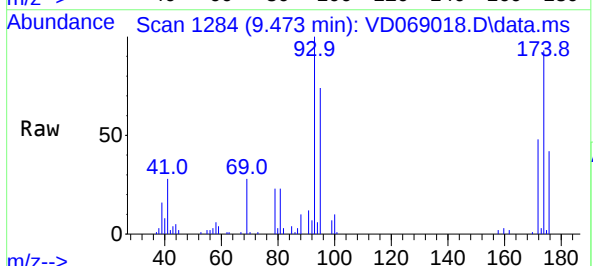
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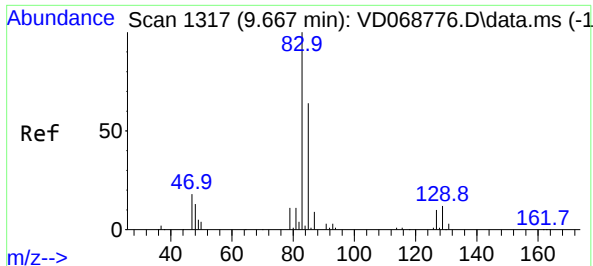
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#46  
Dibromomethane  
Concen: 23.67 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 93 Resp: 37590  
Ion Ratio Lower Upper  
93 100  
95 79.1 64.5 96.7  
174 99.3 75.3 112.9





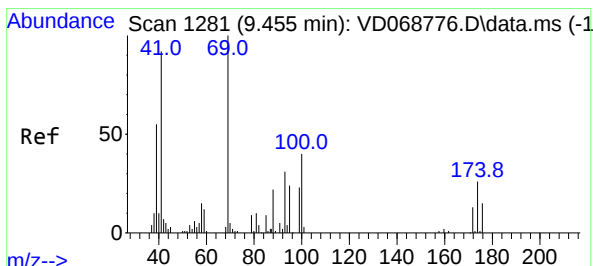
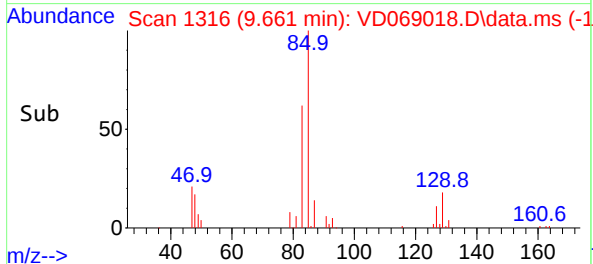
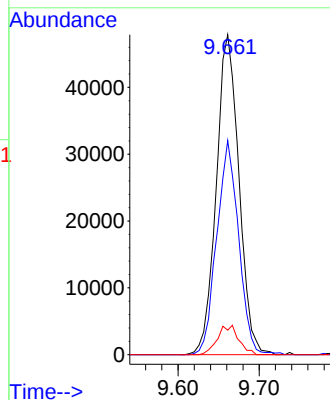
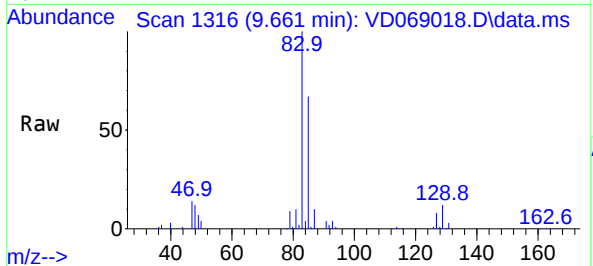
#47  
Bromodichloromethane  
Concen: 22.38 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 92859 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 66.9  | 51.0  | 76.6  |
| 127      | 7.7   | 7.1   | 10.7  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBS01

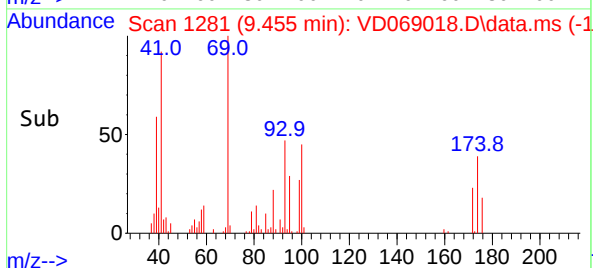
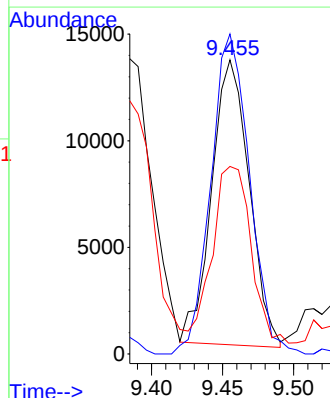
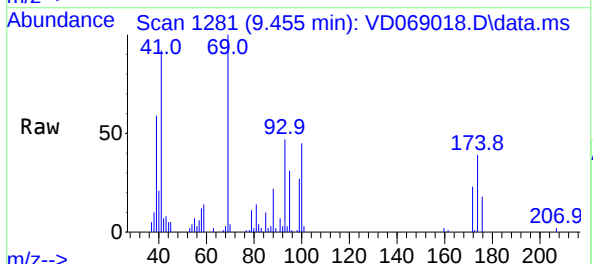
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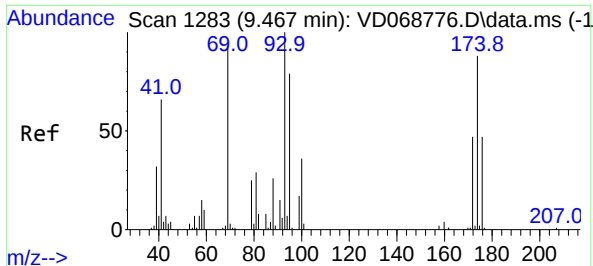
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#48  
Methyl methacrylate  
Concen: 20.40 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 24548 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 116.1 | 83.0  | 124.6 |
| 39       | 72.1  | 47.0  | 70.6  |





#49

1,4-Dioxane

Concen: 443.38 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD069018.D

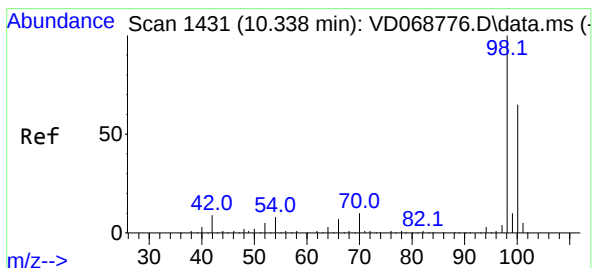
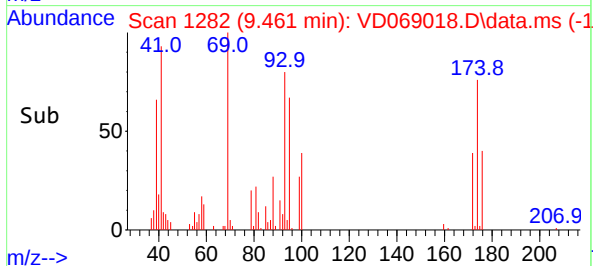
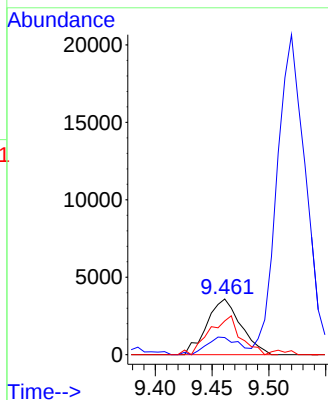
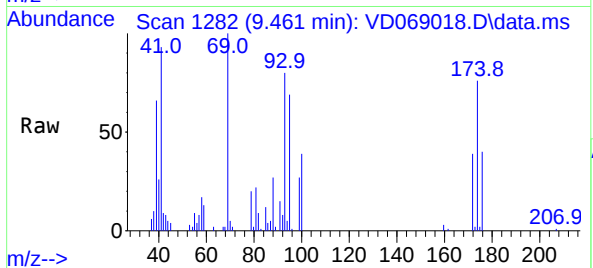
Acq: 29 Apr 2021 15:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 7454  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 30.9  | 25.8  | 38.8  |
| 58       | 63.5  | 54.0  | 81.0  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBS01

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#50

Toluene-d8

Concen: 51.97 ug/l

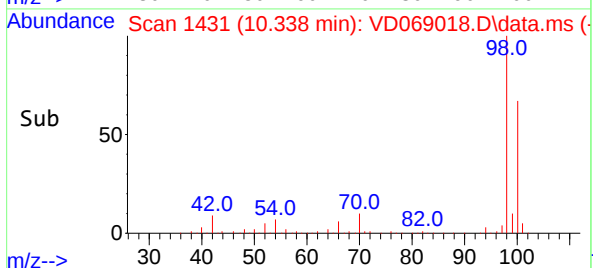
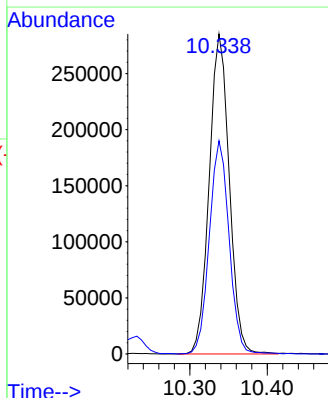
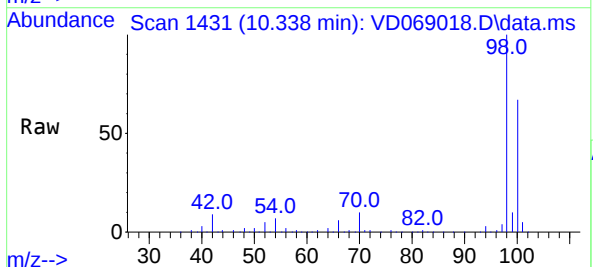
RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069018.D

Acq: 29 Apr 2021 15:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 513780 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 65.7  | 51.8  | 77.6   |





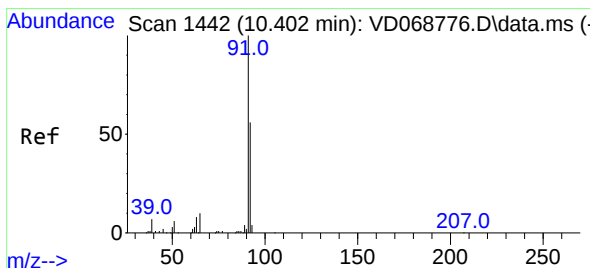
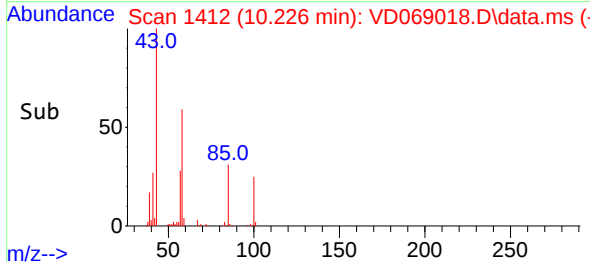
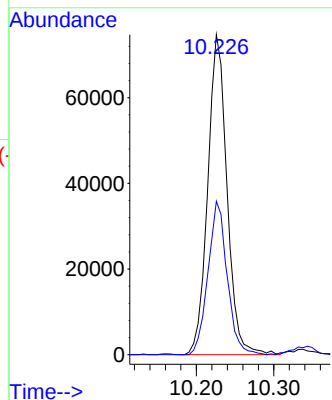
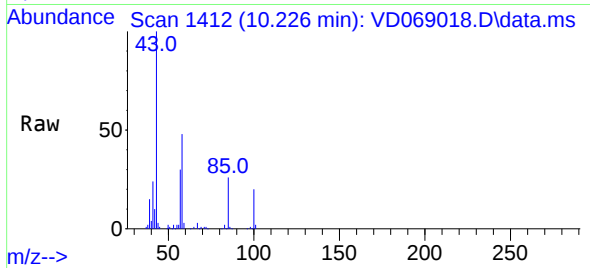
#51  
4-Methyl-2-Pentanone  
Concen: 104.80 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 43 Resp: 128990  
Ion Ratio Lower Upper  
43 100  
58 47.7 37.3 55.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01

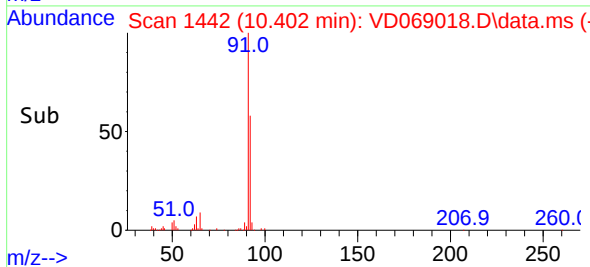
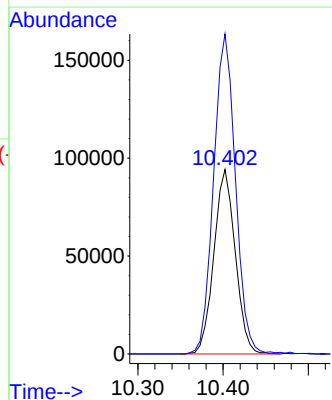
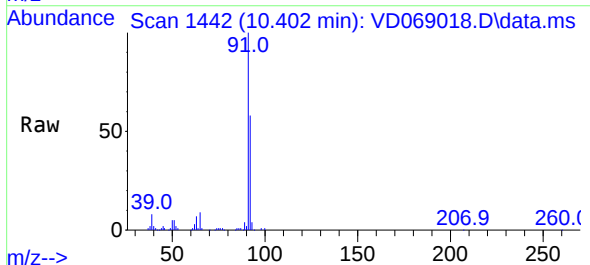
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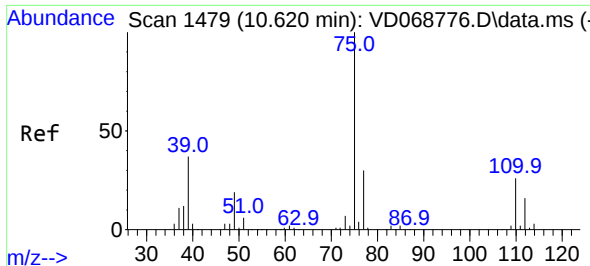
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#52  
Toluene  
Concen: 21.75 ug/l  
RT: 10.402 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 92 Resp: 164390  
Ion Ratio Lower Upper  
92 100  
91 177.5 139.1 208.7





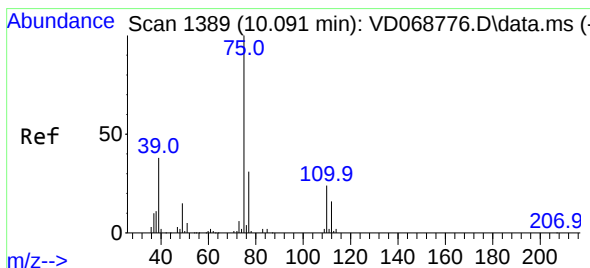
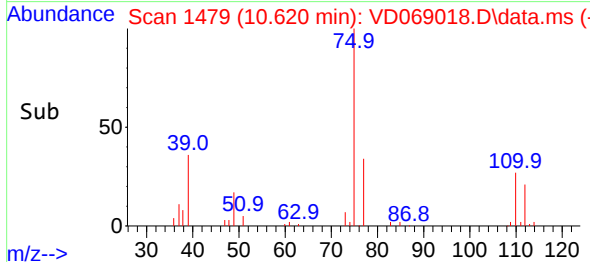
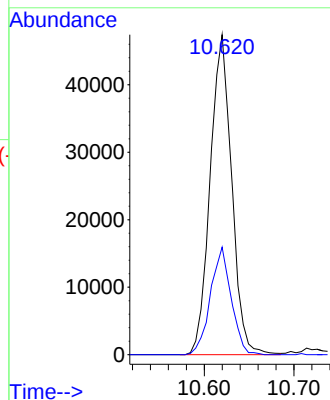
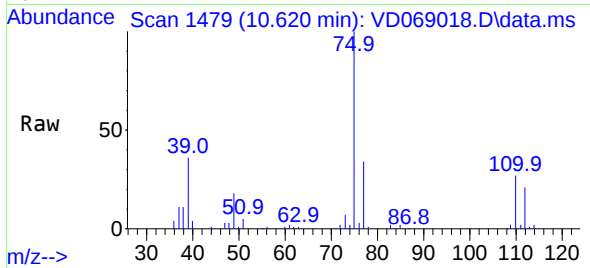
#53  
t-1,3-Dichloropropene  
Concen: 21.50 ug/l  
RT: 10.620 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 75 Resp: 79044  
Ion Ratio Lower Upper  
75 100  
77 33.6 25.1 37.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01

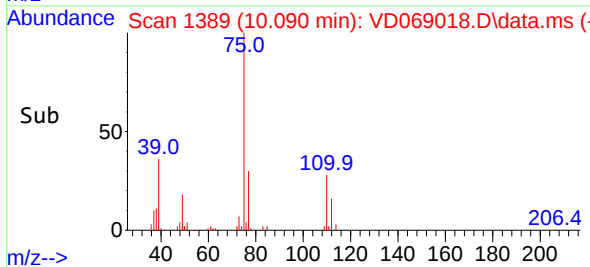
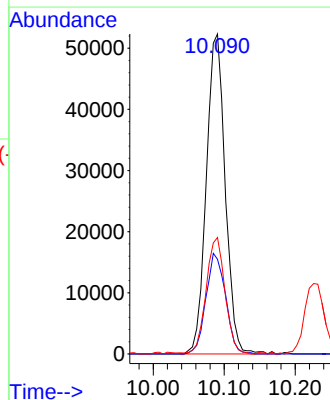
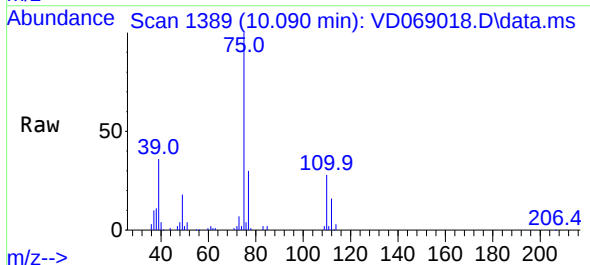
Manual Integrations  
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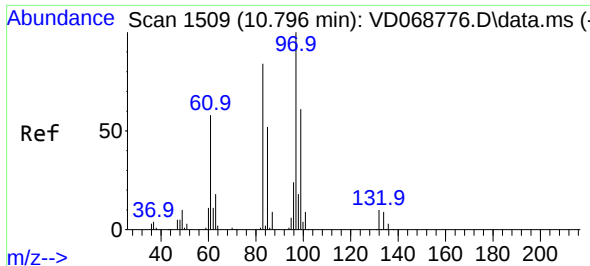
MMDadoda  
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#54  
cis-1,3-Dichloropropene  
Concen: 22.01 ug/l  
RT: 10.090 min Scan# 1389  
Delta R.T. -0.001 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 75 Resp: 96826  
Ion Ratio Lower Upper  
75 100  
77 29.6 24.7 37.1  
39 36.1 30.2 45.2





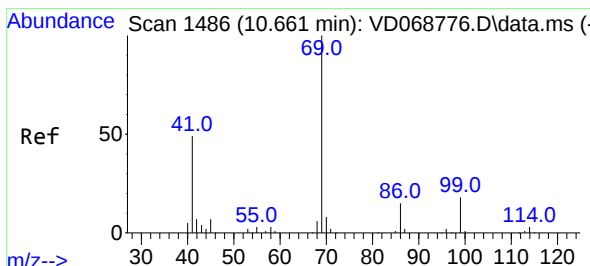
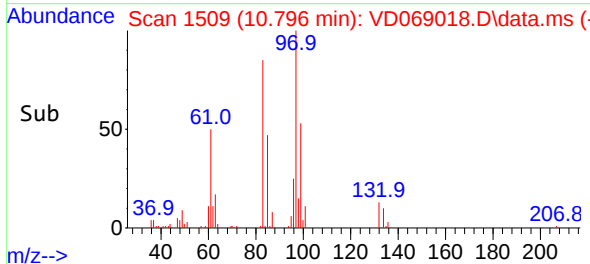
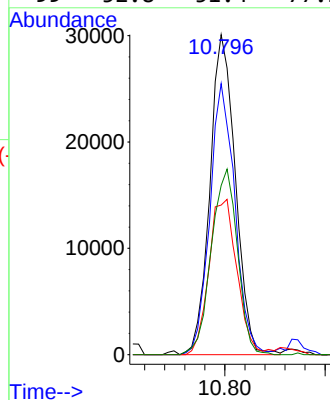
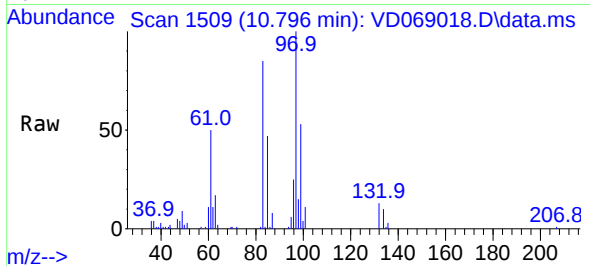
#55  
1,1,2-Trichloroethane  
Concen: 23.69 ug/l  
RT: 10.796 min Scan# 1509  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 53199 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.7  | 65.7  | 98.5  |
| 85       | 46.7  | 44.3  | 66.5  |
| 99       | 52.8  | 51.4  | 77.2  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01

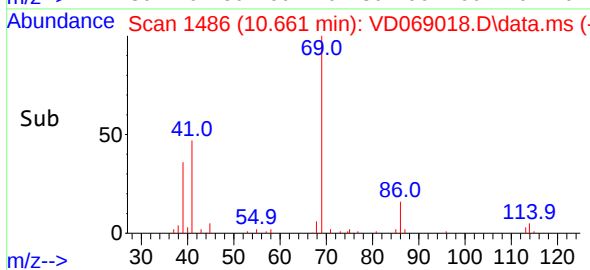
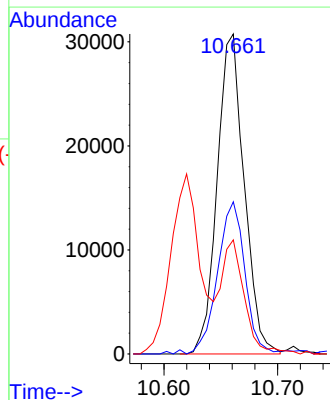
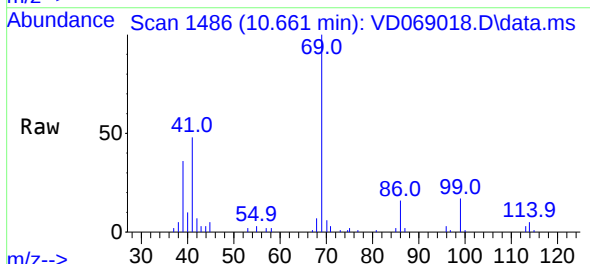
Manual Integrations  
APPROVED

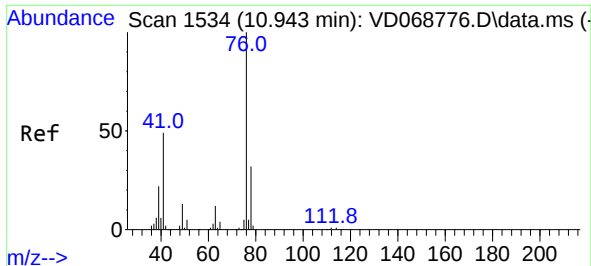
MMDadoda  
4/30/2021 11:02:43 AM



#56  
Ethyl methacrylate  
Concen: 22.00 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 50851 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 48.5  | 42.2  | 63.4  |
| 39       | 30.3  | 24.2  | 36.2  |





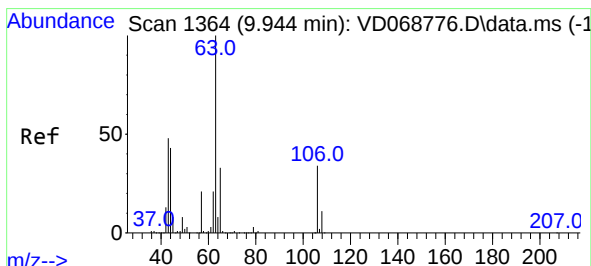
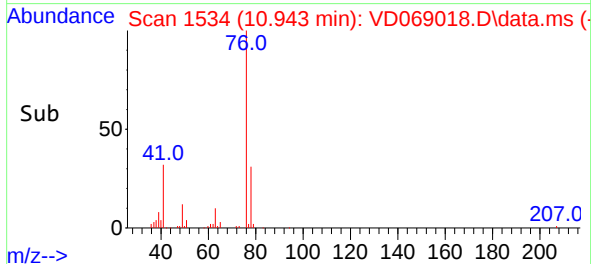
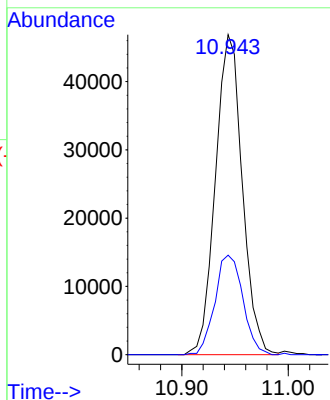
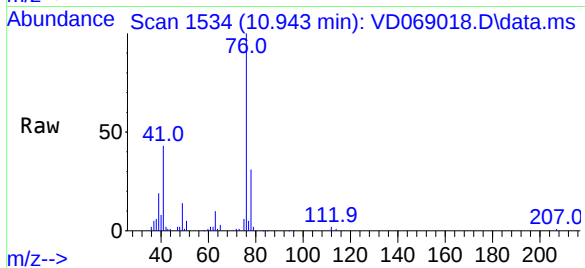
#57  
1,3-Dichloropropane  
Concen: 22.18 ug/l  
RT: 10.943 min Scan# 1534  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 76 Resp: 81986  
Ion Ratio Lower Upper  
76 100  
78 32.4 25.8 38.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01

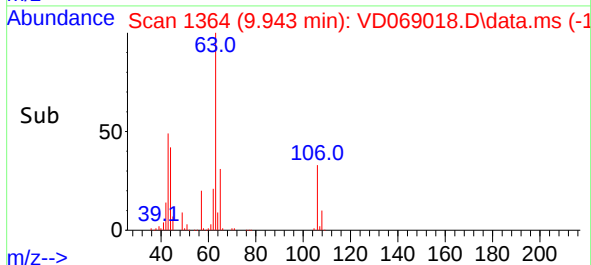
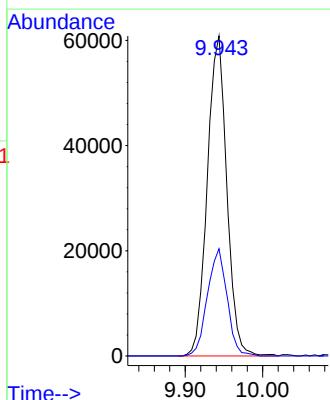
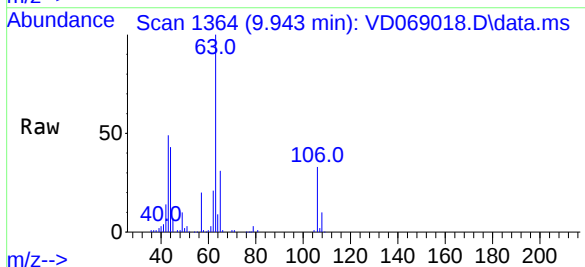
Manual Integrations  
APPROVED

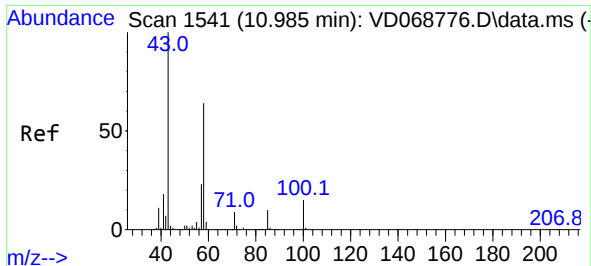
MMDadoda  
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#58  
2-Chloroethyl Vinyl ether  
Concen: 97.56 ug/l  
RT: 9.943 min Scan# 1364  
Delta R.T. -0.001 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

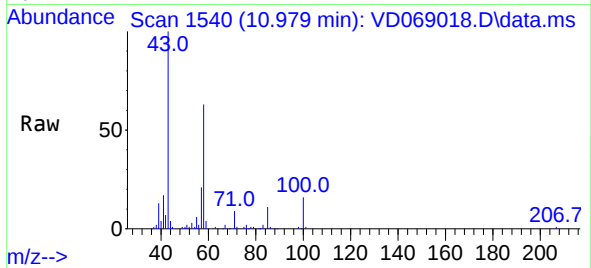
Tgt Ion: 63 Resp: 106372  
Ion Ratio Lower Upper  
63 100  
106 33.7 24.6 36.8





#59  
2-Hexanone  
Concen: 104.92 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

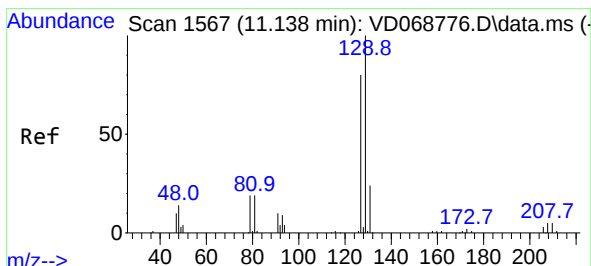
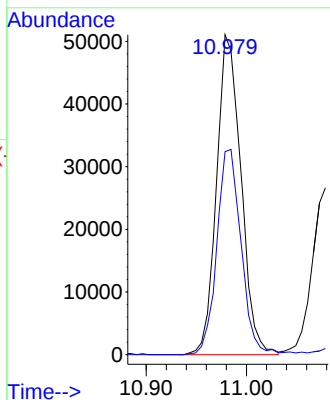
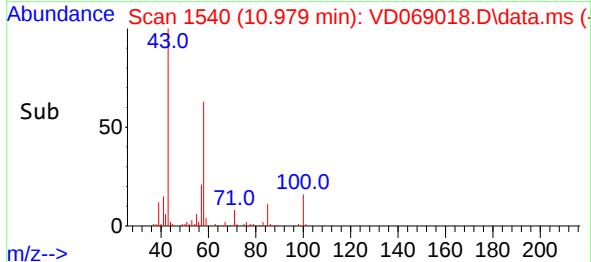
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01



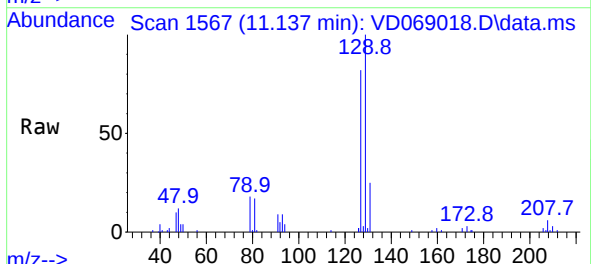
Tgt Ion: 43 Resp: 86406  
Ion Ratio Lower Upper  
43 100  
58 63.6 31.3 93.8

Manual Integrations  
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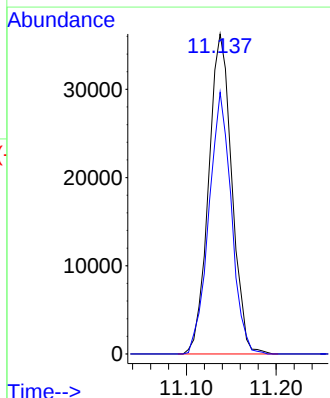
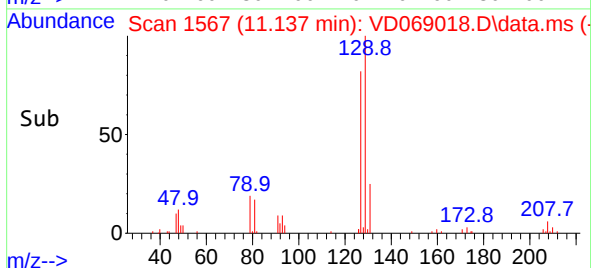
MMDadoda  
4/30/2021 11:02:43 AM

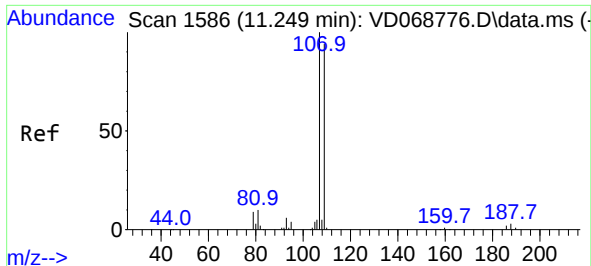


#60  
Dibromochloromethane  
Concen: 23.18 ug/l  
RT: 11.137 min Scan# 1567  
Delta R.T. -0.001 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



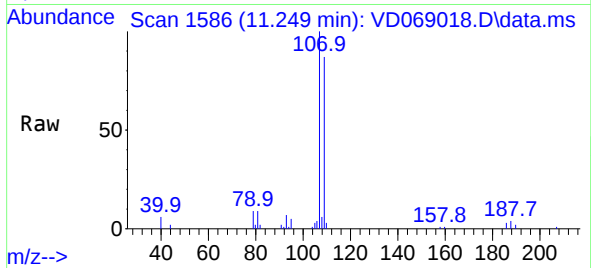
Tgt Ion: 129 Resp: 65260  
Ion Ratio Lower Upper  
129 100  
127 79.0 38.8 116.3





#61  
1,2-Dibromoethane  
Concen: 23.67 ug/l  
RT: 11.249 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

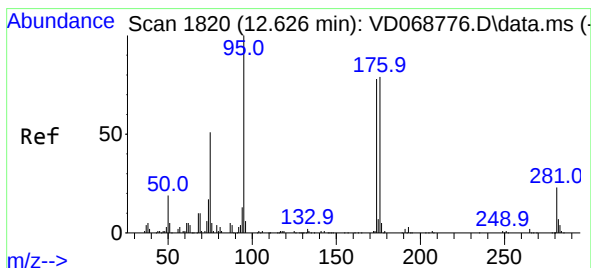
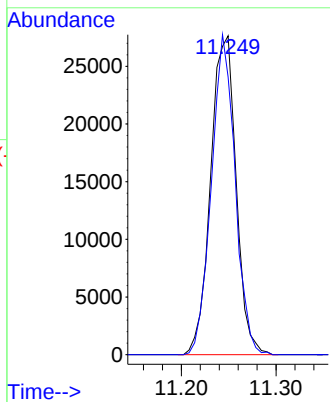
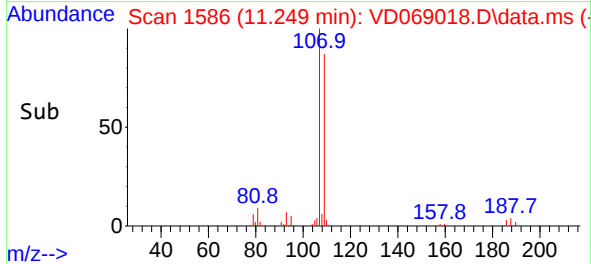
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01



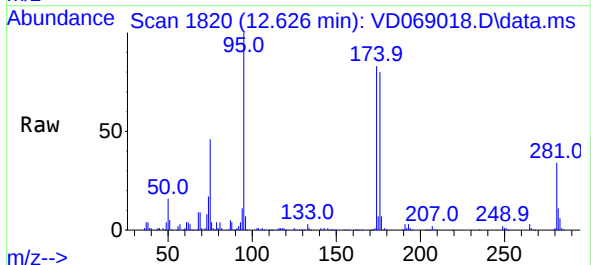
Tgt Ion:107 Resp: 51651  
Ion Ratio Lower Upper  
107 100  
109 93.3 74.9 112.3

Manual Integrations  
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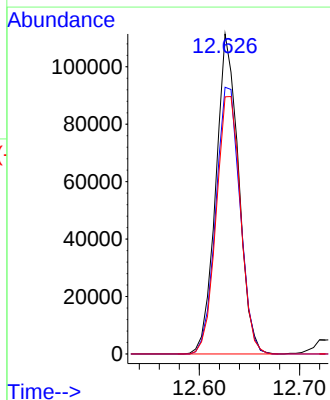
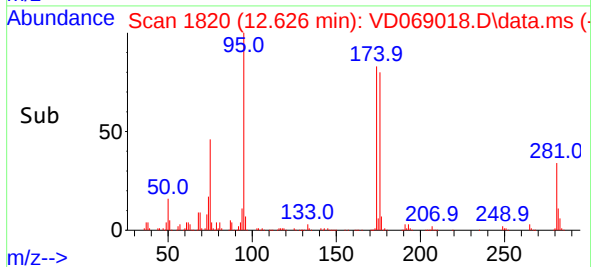
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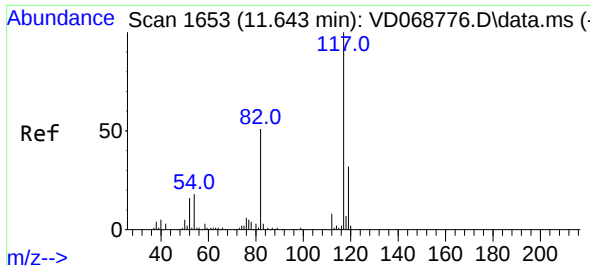


#62  
4-Bromofluorobenzene  
Concen: 53.38 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

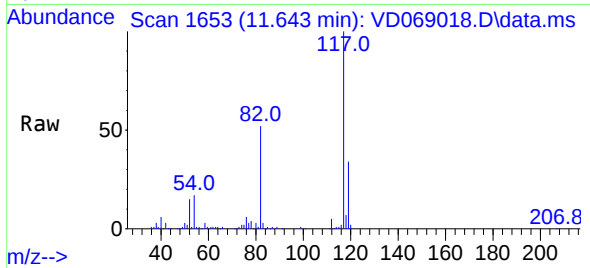


Tgt Ion: 95 Resp: 175276  
Ion Ratio Lower Upper  
95 100  
174 88.6 0.0 168.0  
176 85.9 0.0 160.2

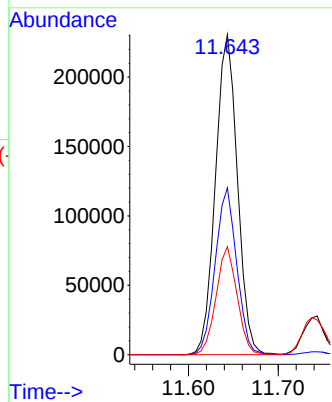
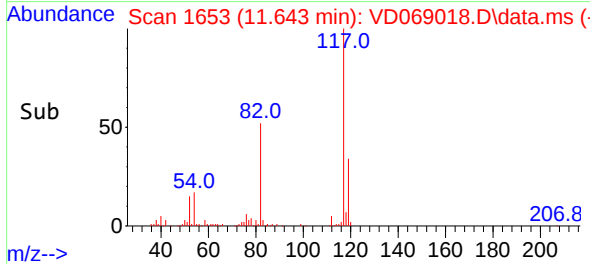




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.643 min Scan# 1653  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



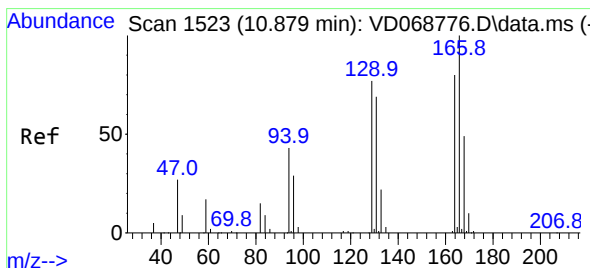
Tgt Ion:117 Resp: 392419  
Ion Ratio Lower Upper  
117 100  
82 52.1 43.5 65.3  
119 33.7 26.7 40.1



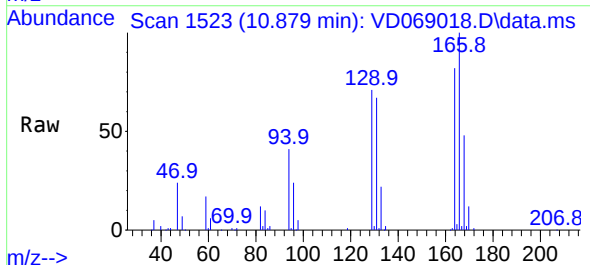
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBS01

Manual Integrations  
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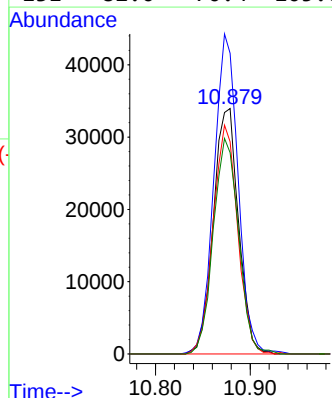
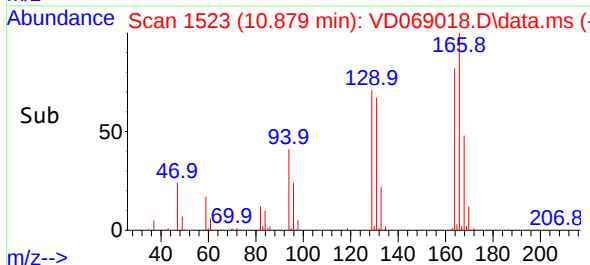
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#64  
Tetrachloroethene  
Concen: 22.82 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



Tgt Ion:164 Resp: 62760  
Ion Ratio Lower Upper  
164 100  
166 122.5 103.0 154.6  
129 86.5 77.4 116.0  
131 82.0 70.4 105.6





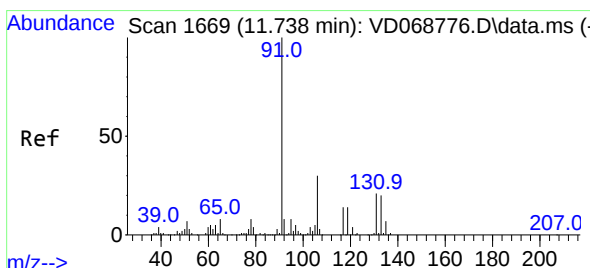
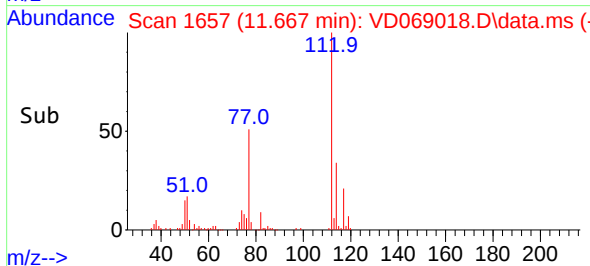
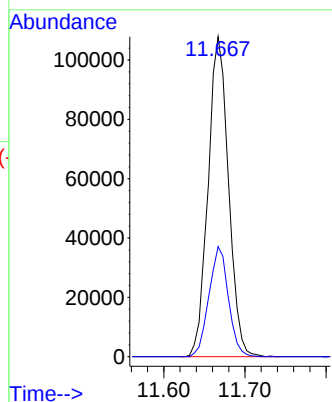
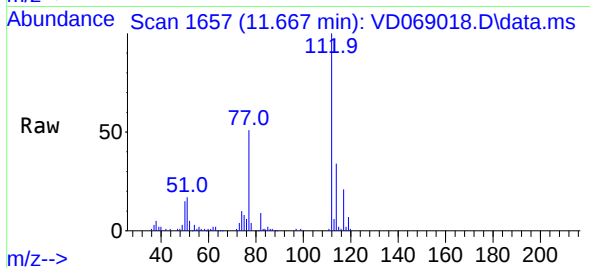
#65  
Chlorobenzene  
Concen: 22.18 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01

Tgt Ion:112 Resp: 188423  
Ion Ratio Lower Upper  
112 100  
114 34.4 25.2 37.8

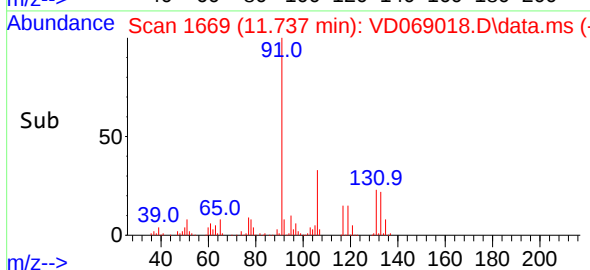
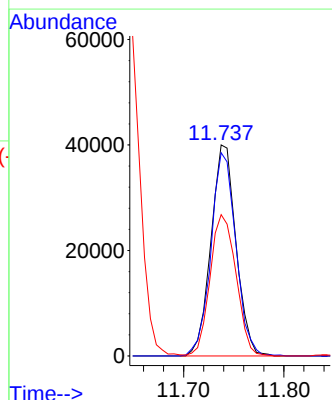
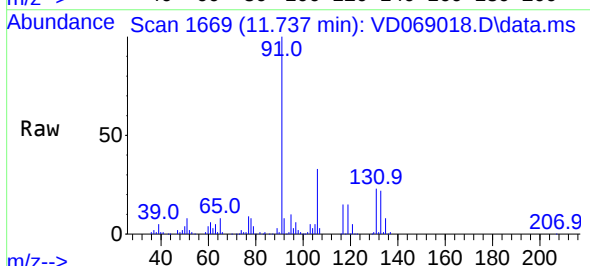
Manual Integrations  
APPROVED

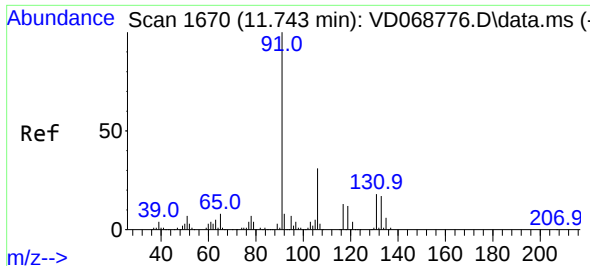
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.69 ug/l  
RT: 11.737 min Scan# 1669  
Delta R.T. -0.001 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

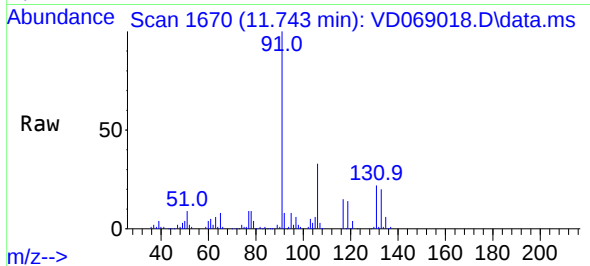
Tgt Ion:131 Resp: 69298  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.0 141.2  
119 69.4 32.8 98.3





#67  
Ethyl Benzene  
Concen: 20.52 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

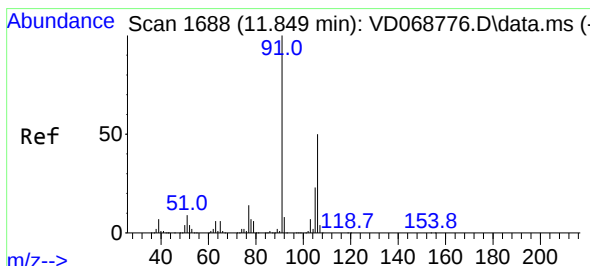
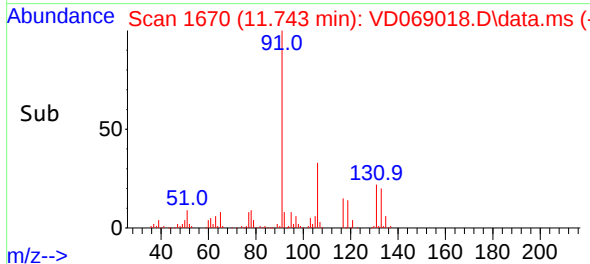
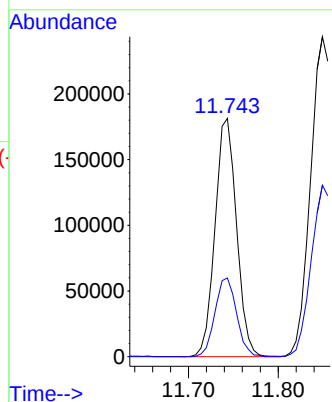
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01



Tgt Ion: 91 Resp: 301898  
Ion Ratio Lower Upper  
91 100  
106 33.0 25.1 37.7

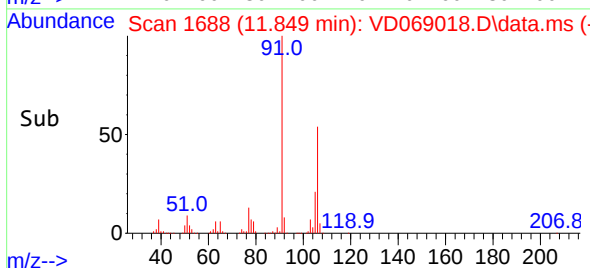
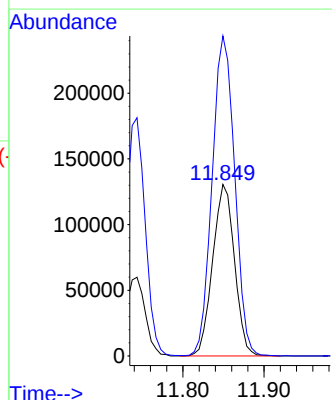
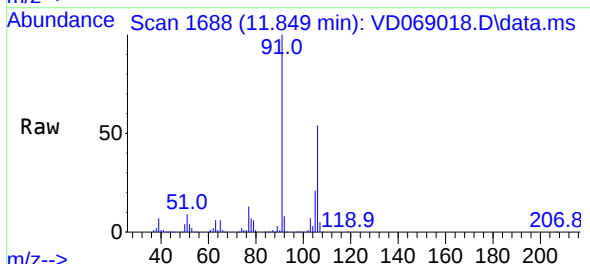
Manual Integrations  
APPROVED

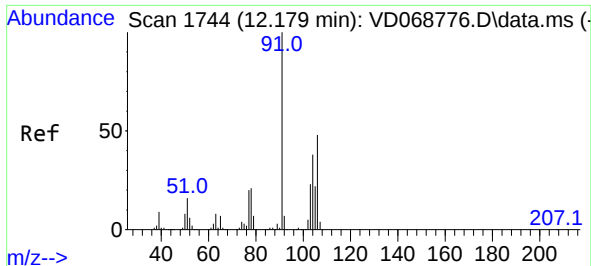
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#68  
m/p-Xylenes  
Concen: 42.95 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

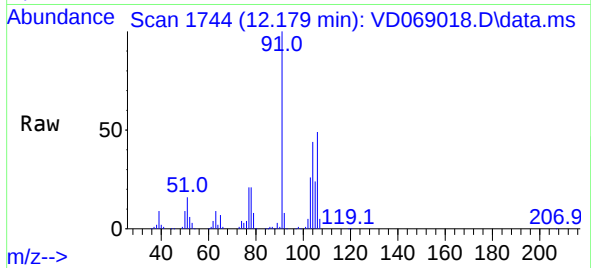
Tgt Ion: 106 Resp: 243801  
Ion Ratio Lower Upper  
106 100  
91 192.8 158.6 238.0



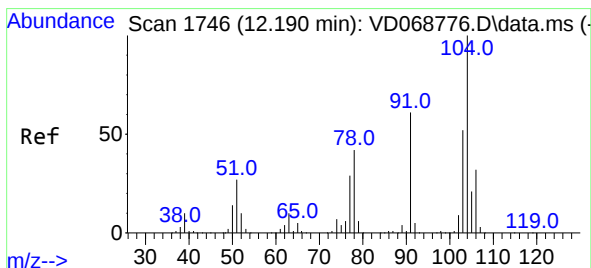
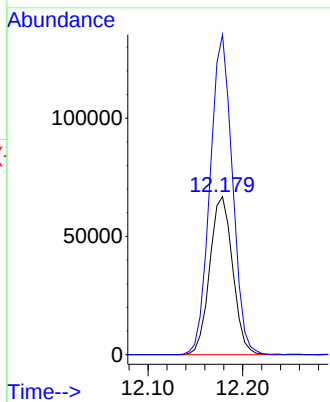
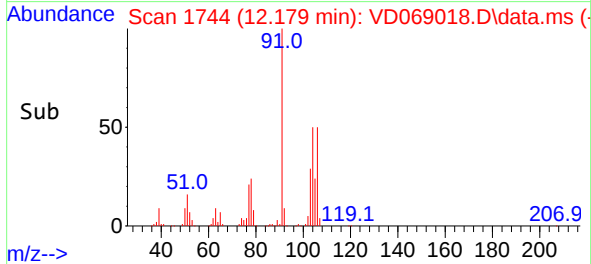


#69  
o-Xylene  
Concen: 21.77 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

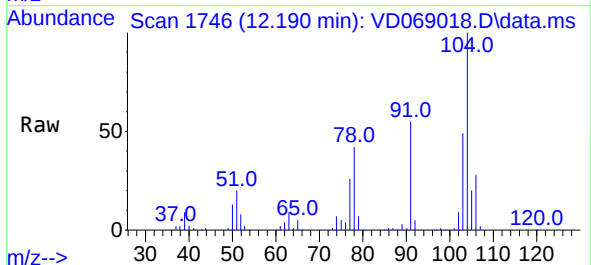
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01



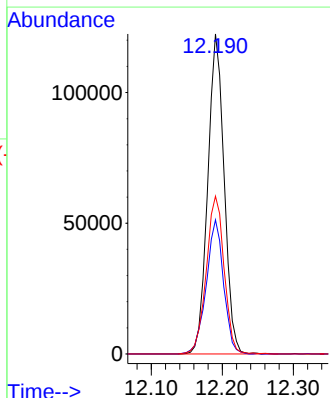
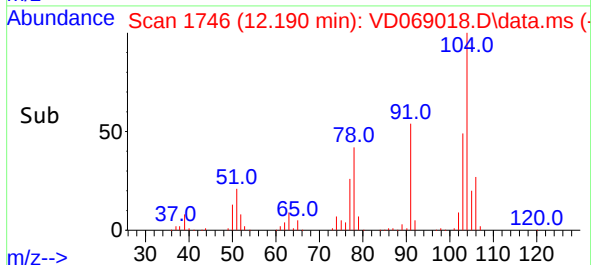
Tgt Ion:106 Resp: 112349  
Ion Ratio Lower Upper  
106 100  
91 197.9 105.0 315.0

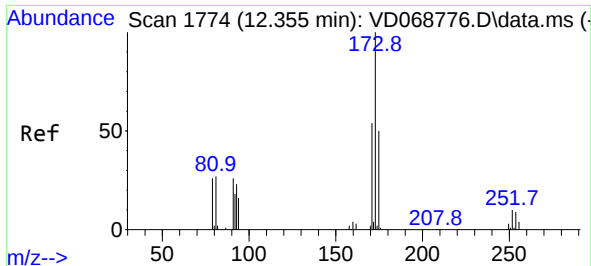


#70  
Styrene  
Concen: 21.79 ug/l  
RT: 12.190 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



Tgt Ion:104 Resp: 196046  
Ion Ratio Lower Upper  
104 100  
78 44.3 36.9 55.3  
103 53.8 44.3 66.5





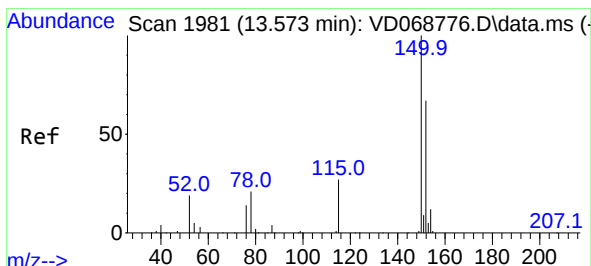
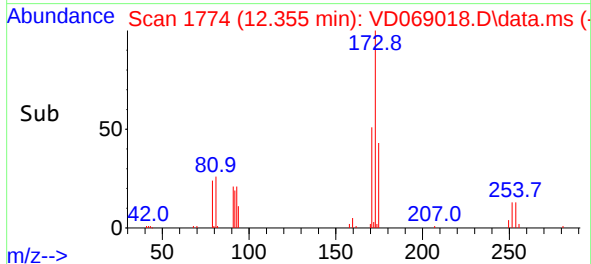
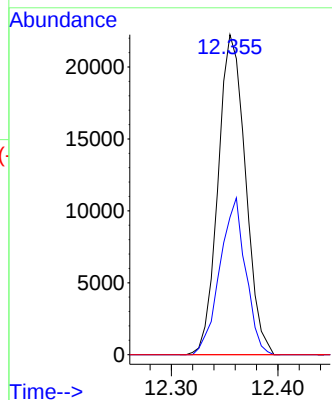
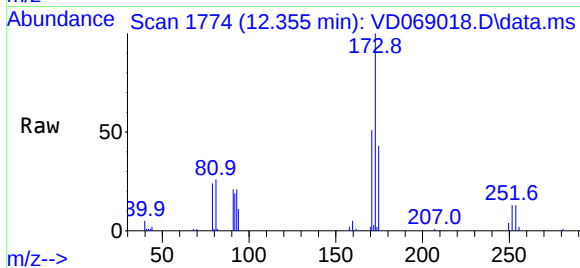
#71  
Bromoform  
Concen: 24.27 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion:173 Resp: 39707  
Ion Ratio Lower Upper  
173 100  
175 46.1 23.6 71.0  
254 0.0 0.0 0.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBS01

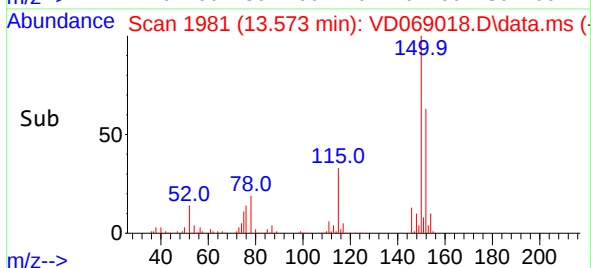
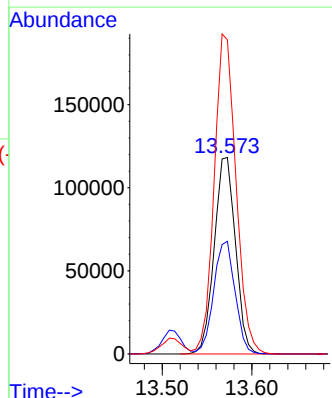
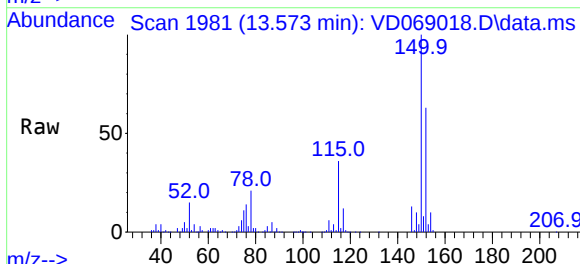
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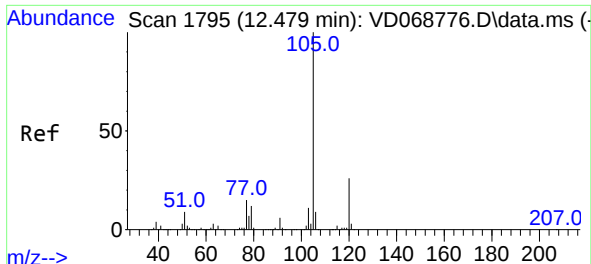
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

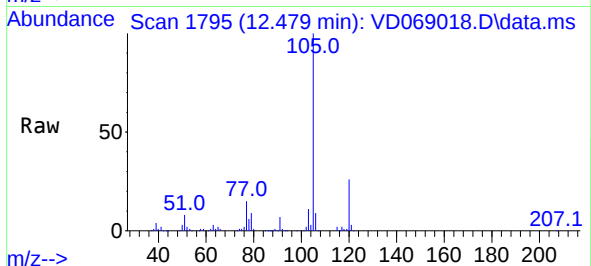
Tgt Ion:152 Resp: 194699  
Ion Ratio Lower Upper  
152 100  
115 57.6 29.3 87.8  
150 166.9 0.0 347.6





#73  
Isopropylbenzene  
Concen: 20.56 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

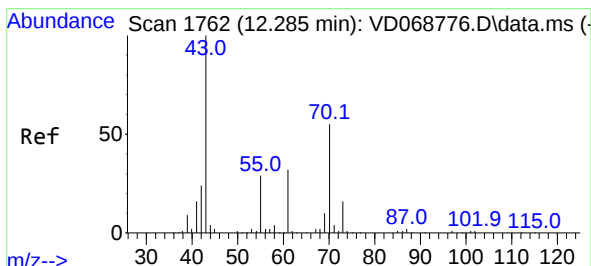
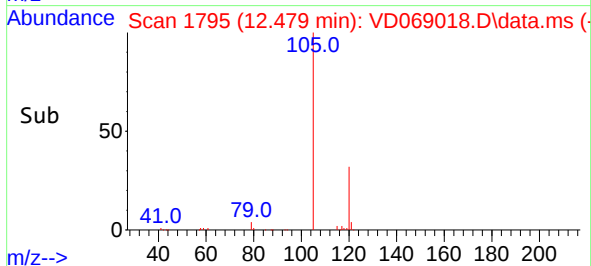
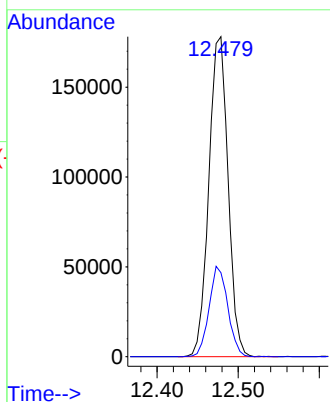
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01



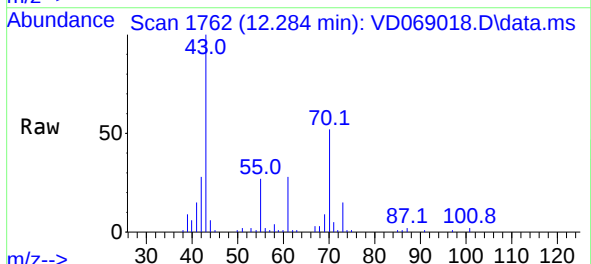
Tgt Ion:105 Resp: 292299  
Ion Ratio Lower Upper  
105 100  
120 27.5 13.4 40.2

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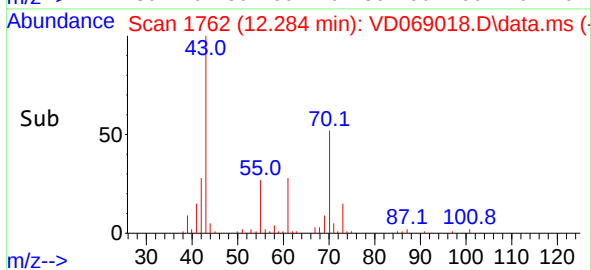
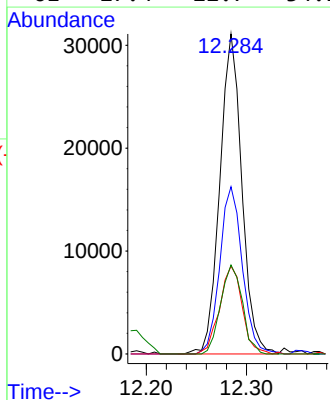
MMDadoda  
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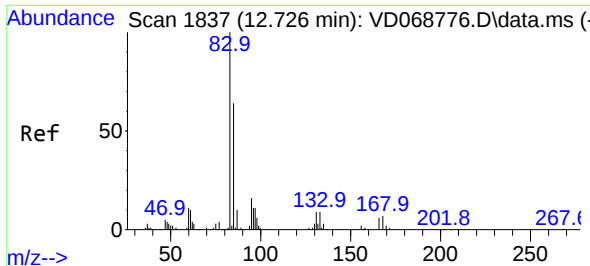


#74  
N-ethyl acetate  
Concen: 19.61 ug/l  
RT: 12.284 min Scan# 1762  
Delta R.T. -0.001 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

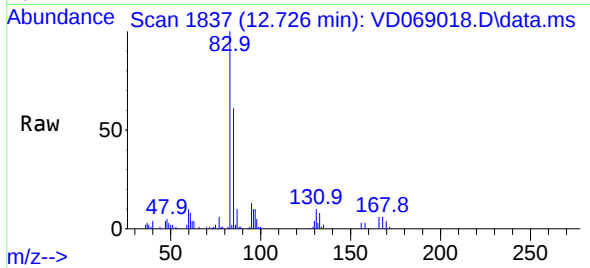


Tgt Ion: 43 Resp: 47284  
Ion Ratio Lower Upper  
43 100  
70 53.7 41.9 62.9  
55 28.4 22.8 34.2  
61 27.4 22.7 34.1

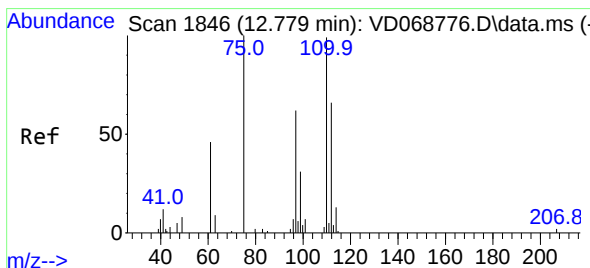
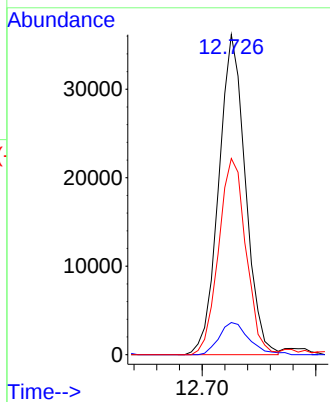
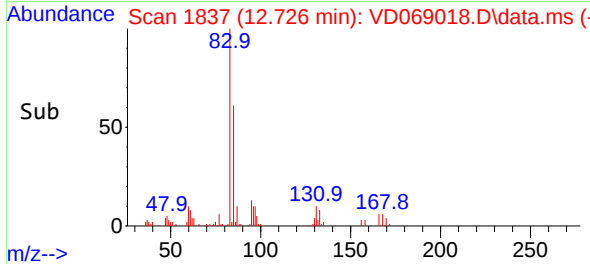




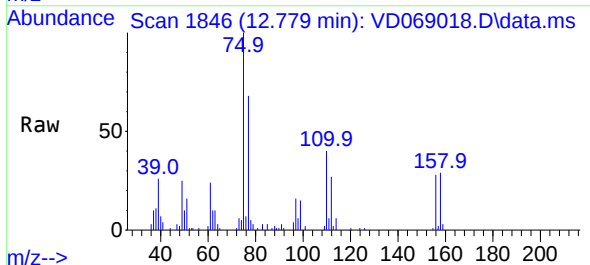
#75  
1,1,2,2-Tetrachloroethane  
Concen: 22.19 ug/l  
RT: 12.726 min Scan# 1837  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



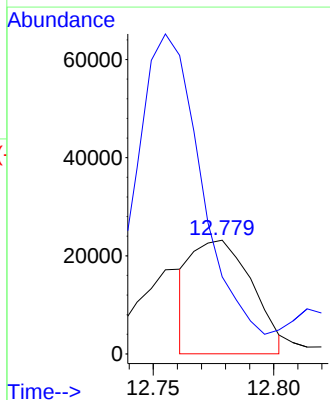
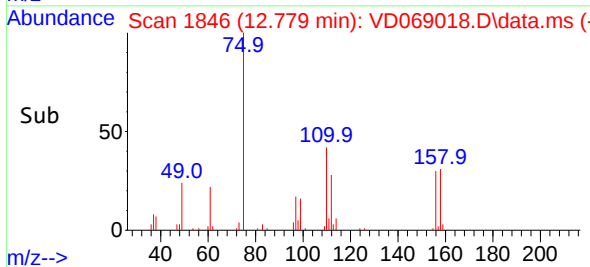
Tgt Ion: 83 Resp: 58971  
Ion Ratio Lower Upper  
83 100  
131 11.3 5.1 15.3  
85 62.8 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 22.68 ug/l m  
RT: 12.779 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



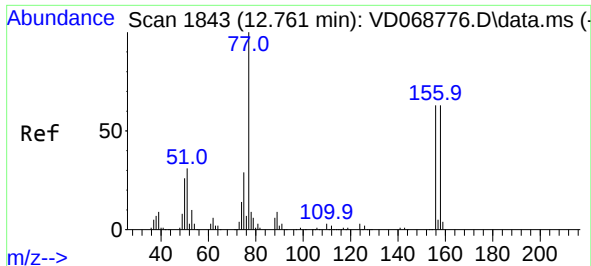
Tgt Ion: 75 Resp: 40340  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01

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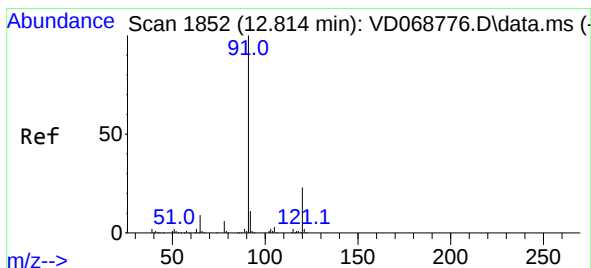
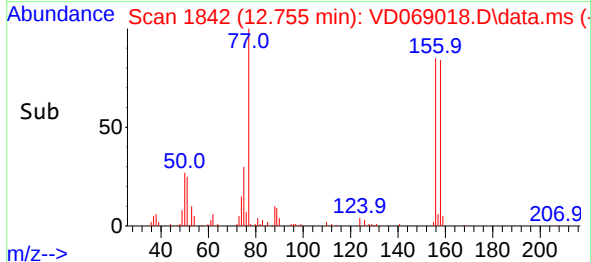
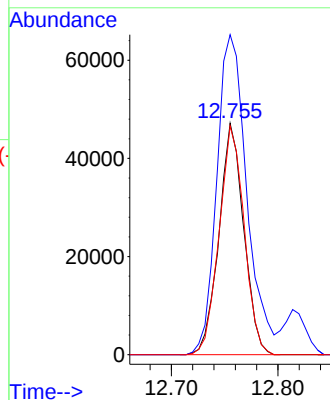
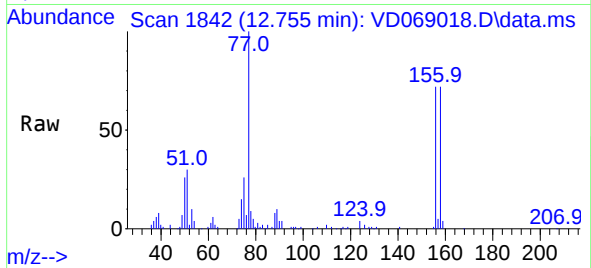
#77  
Bromobenzene  
Concen: 22.28 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 156 Resp: 76159  
Ion Ratio Lower Upper  
156 100  
77 167.1 88.9 266.8  
158 99.7 47.7 143.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01

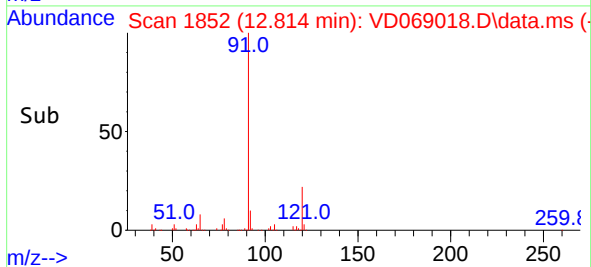
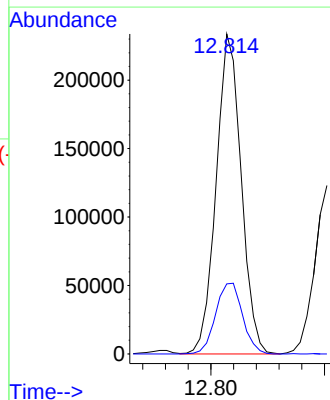
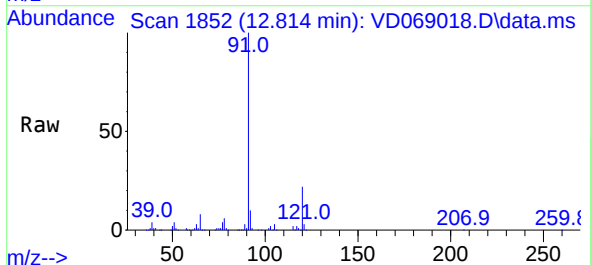
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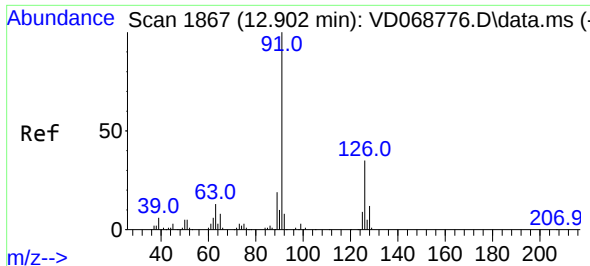
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#78  
n-propylbenzene  
Concen: 20.71 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

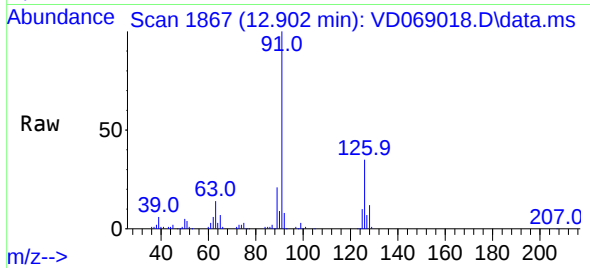
Tgt Ion: 91 Resp: 357612  
Ion Ratio Lower Upper  
91 100  
120 23.8 11.4 34.2





#79  
2-Chlorotoluene  
Concen: 20.86 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

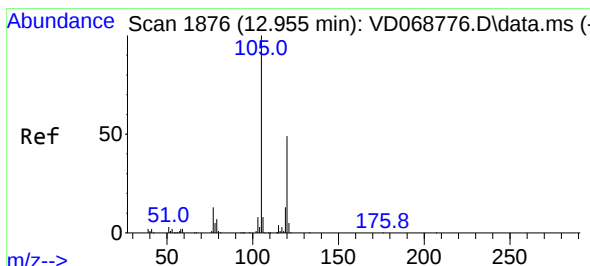
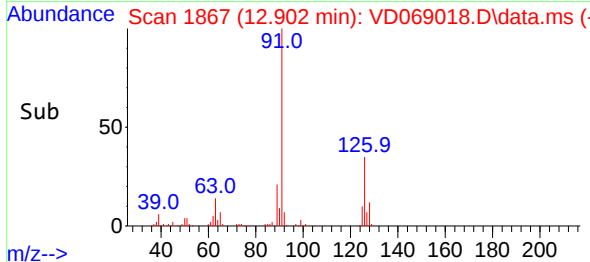
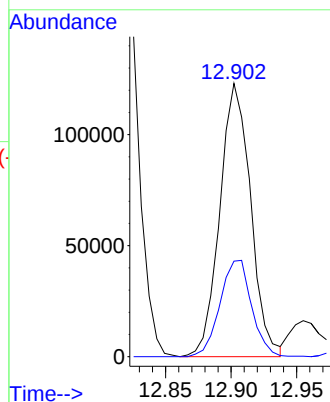
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBS01



Tgt Ion: 91 Resp: 201234  
Ion Ratio Lower Upper  
91 100  
126 36.2 17.1 51.3

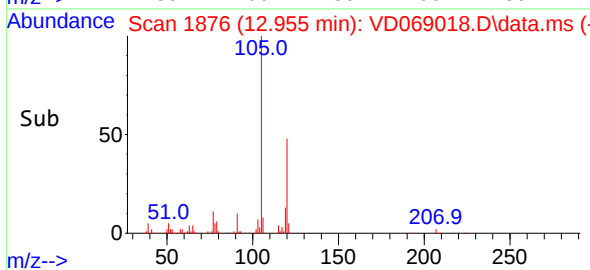
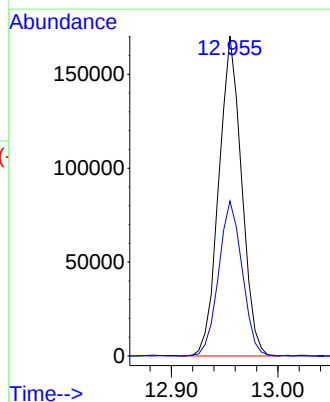
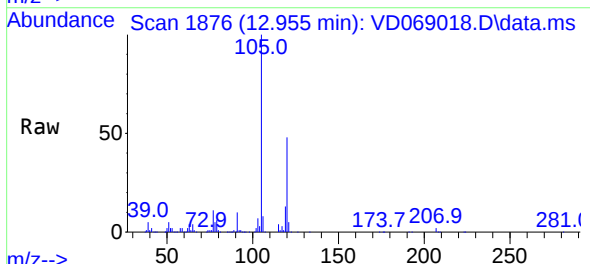
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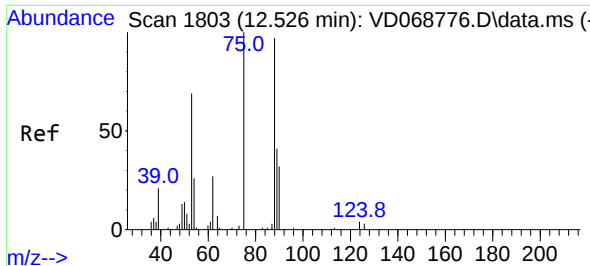
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#80  
1,3,5-Trimethylbenzene  
Concen: 21.27 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 105 Resp: 252855  
Ion Ratio Lower Upper  
105 100  
120 50.1 24.9 74.7





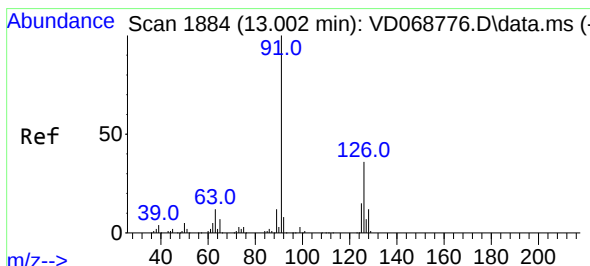
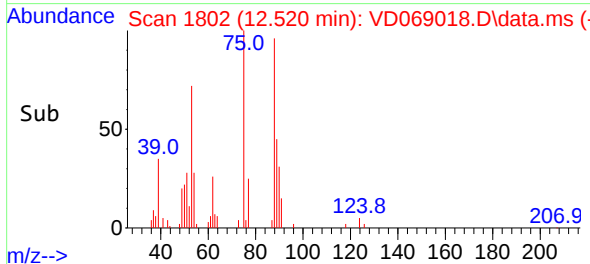
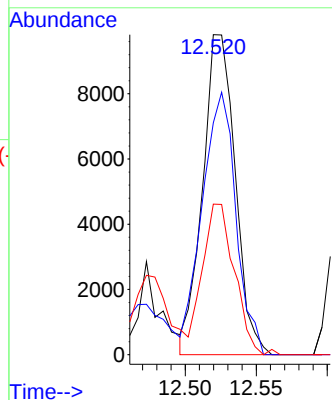
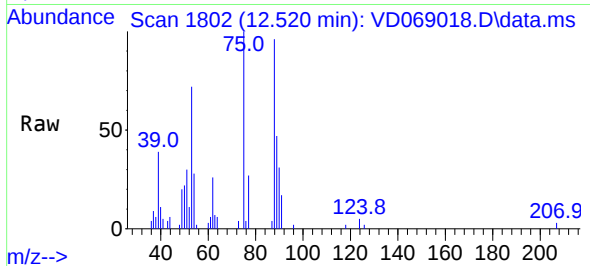
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.43 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 75 Resp: 15658  
Ion Ratio Lower Upper  
75 100  
53 85.0 66.8 100.2  
89 45.9 36.6 54.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBS01

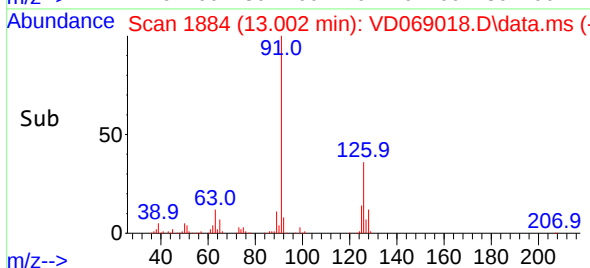
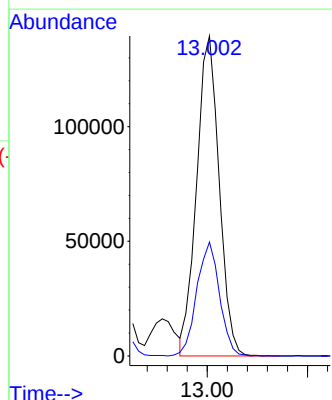
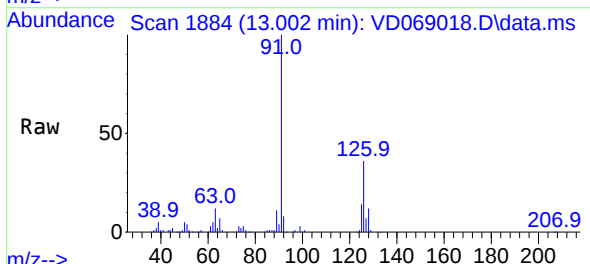
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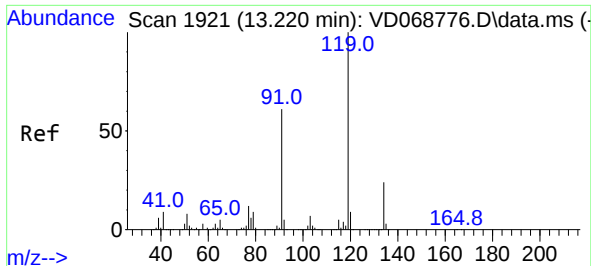
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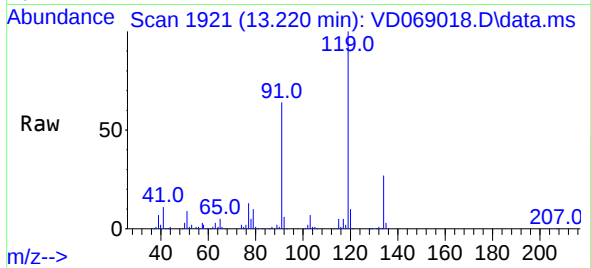
#82  
4-Chlorotoluene  
Concen: 21.31 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion: 91 Resp: 217886  
Ion Ratio Lower Upper  
91 100  
126 36.0 17.2 51.5

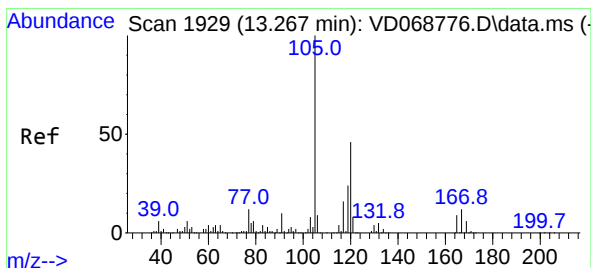
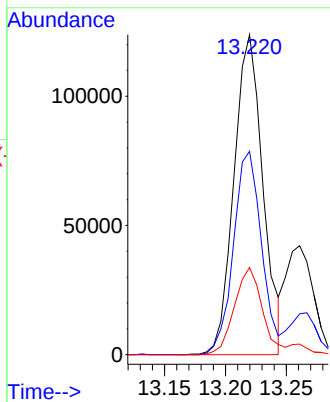
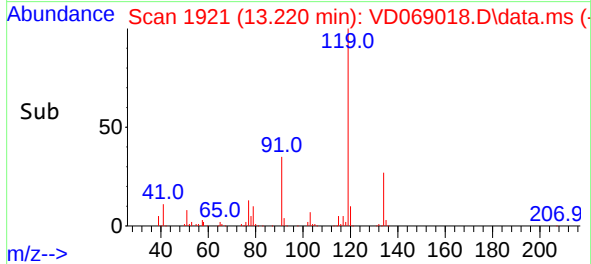




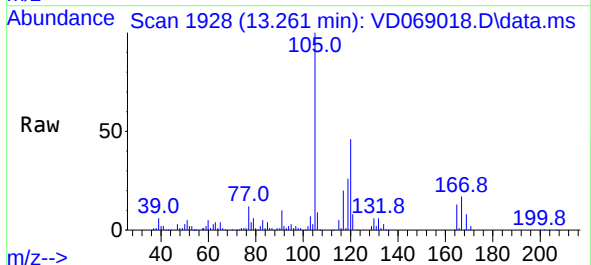
#83  
tert-Butylbenzene  
Concen: 20.33 ug/l  
RT: 13.220 min Scan# 1921  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



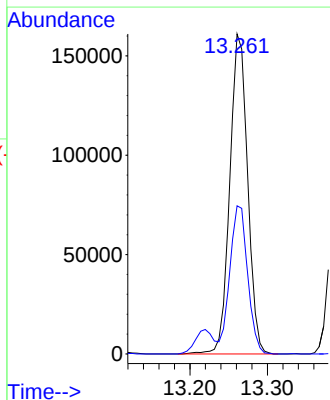
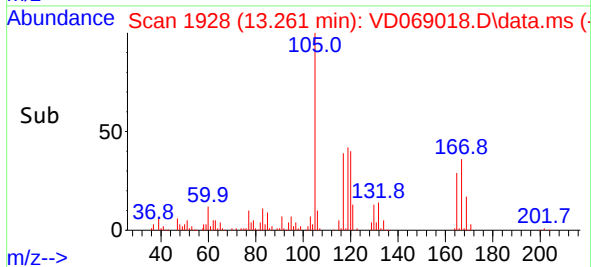
Tgt Ion:119 Resp: 204996  
Ion Ratio Lower Upper  
119 100  
91 61.4 31.6 95.0  
134 26.3 13.4 40.2



#84  
1,2,4-Trimethylbenzene  
Concen: 21.41 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



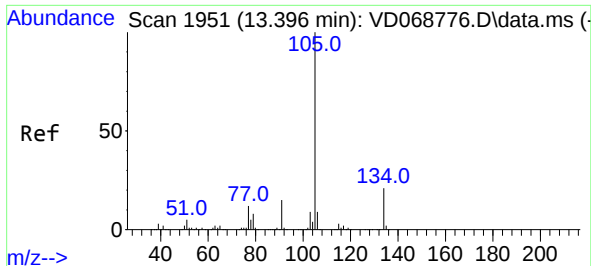
Tgt Ion:105 Resp: 257009  
Ion Ratio Lower Upper  
105 100  
120 46.1 22.6 67.7



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01

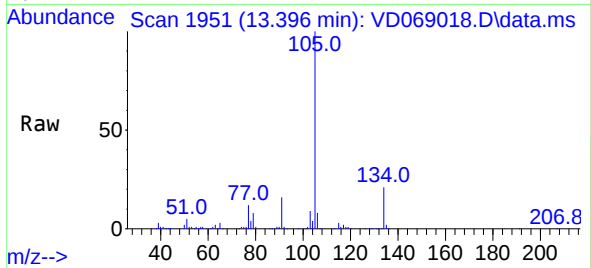
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#85  
 sec-Butylbenzene  
 Concen: 20.48 ug/l  
 RT: 13.396 min Scan# 1951  
 Delta R.T. 0.000 min  
 Lab File: VD069018.D  
 Acq: 29 Apr 2021 15:09

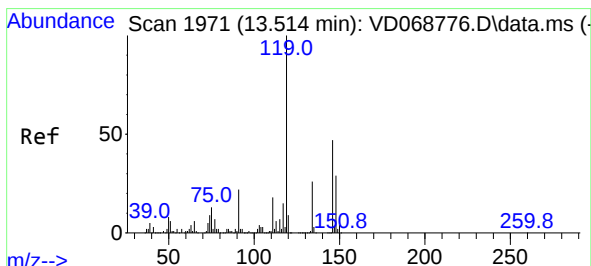
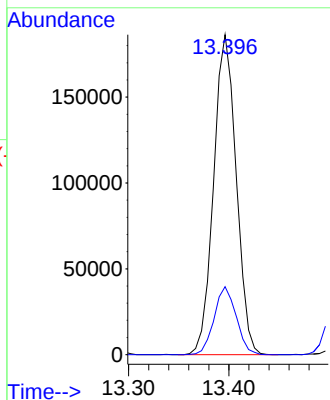
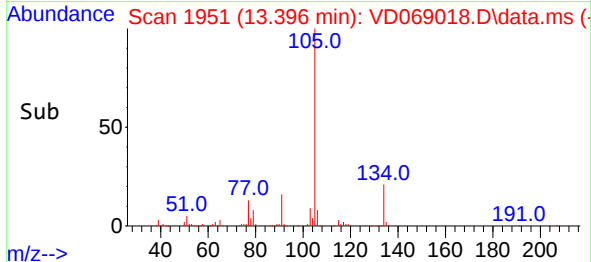
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0429SBSD01



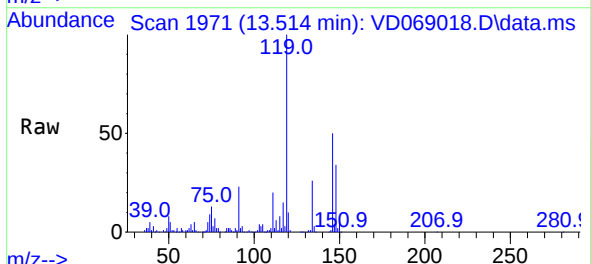
Tgt Ion:105 Resp: 291391  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.0 29.8

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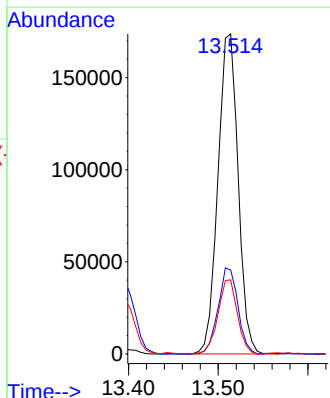
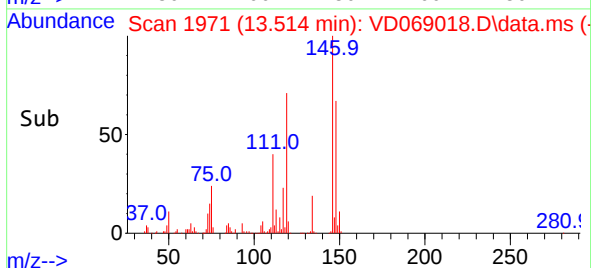
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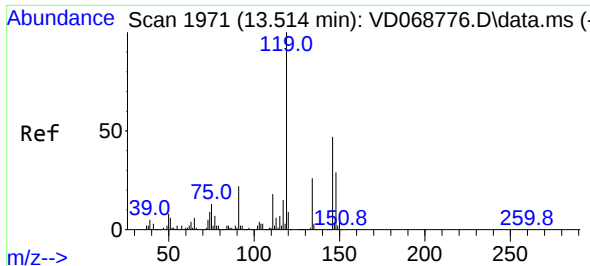


#86  
 p-Isopropyltoluene  
 Concen: 20.88 ug/l  
 RT: 13.514 min Scan# 1971  
 Delta R.T. -0.000 min  
 Lab File: VD069018.D  
 Acq: 29 Apr 2021 15:09



Tgt Ion:119 Resp: 271367  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 13.3 39.9  
 91 22.3 11.1 33.1





#87  
1,3-Dichlorobenzene  
Concen: 22.12 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

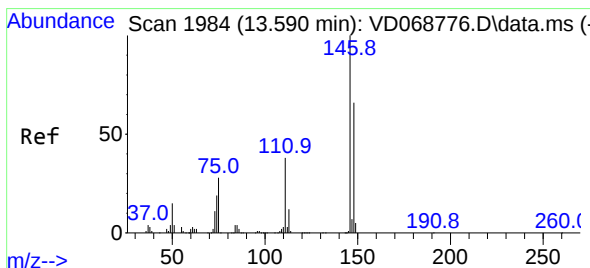
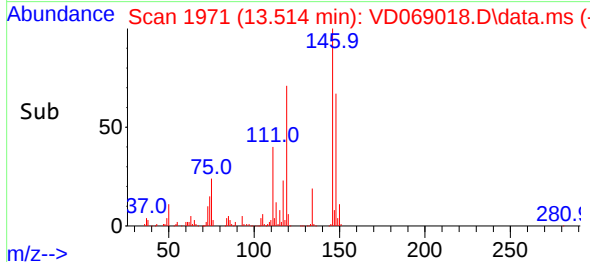
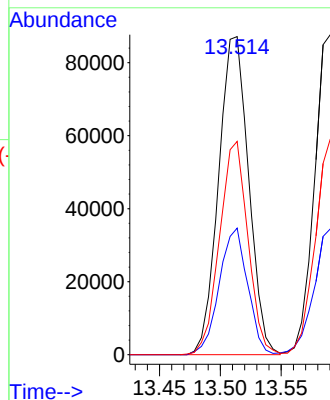
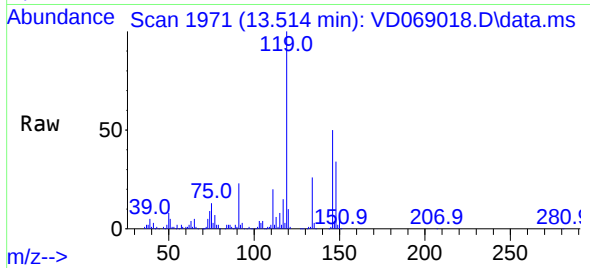
Tgt Ion:146 Resp: 149753  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 37.6  | 19.3  | 57.8  |
| 148 | 63.4  | 30.9  | 92.8  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01

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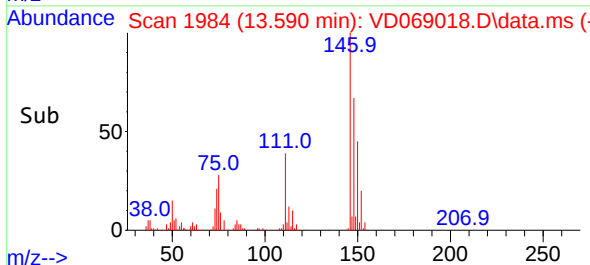
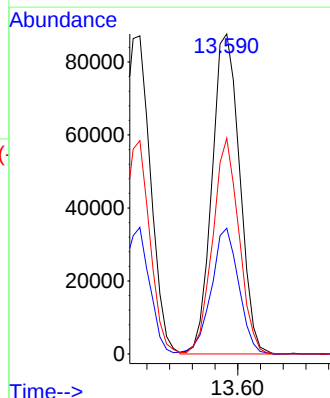
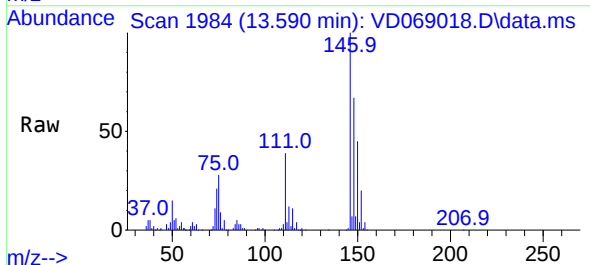
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#88  
1,4-Dichlorobenzene  
Concen: 22.13 ug/l  
RT: 13.590 min Scan# 1984  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

Tgt Ion:146 Resp: 148322  

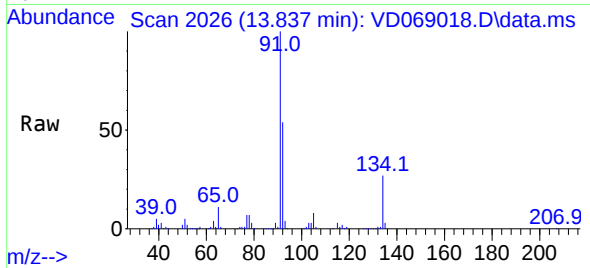
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 39.0  | 19.1  | 57.1  |
| 148 | 63.9  | 31.6  | 95.0  |





#89  
n-Butylbenzene  
Concen: 19.60 ug/l  
RT: 13.837 min Scan# 2026  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

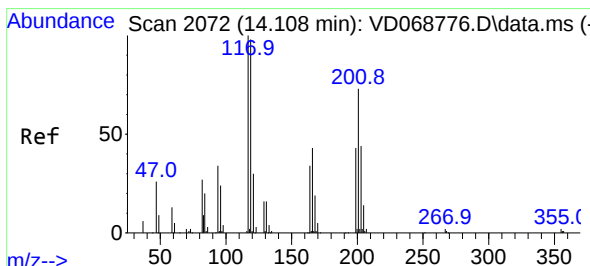
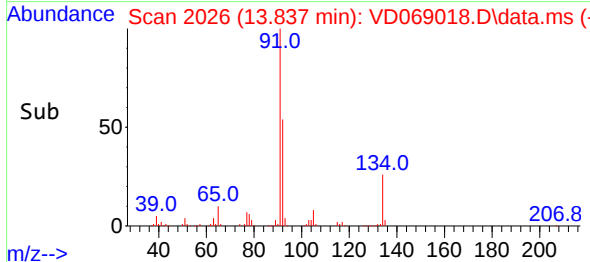
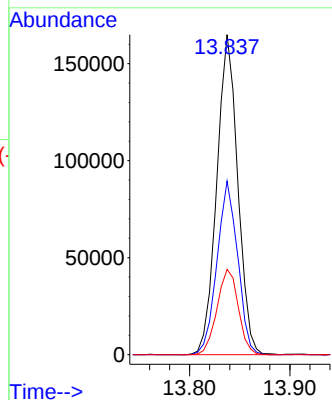
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBS01



Tgt Ion: 91 Resp: 239929  
Ion Ratio Lower Upper  
91 100  
92 53.3 26.7 80.1  
134 27.0 12.9 38.6

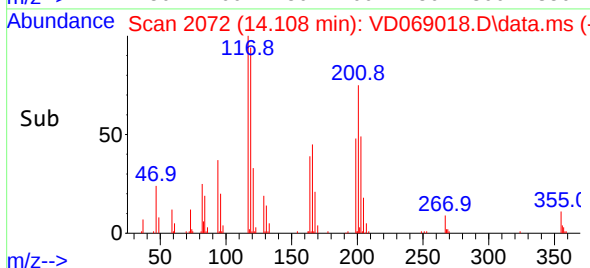
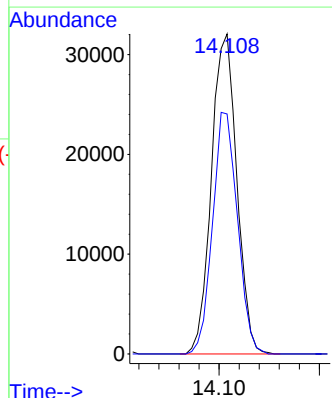
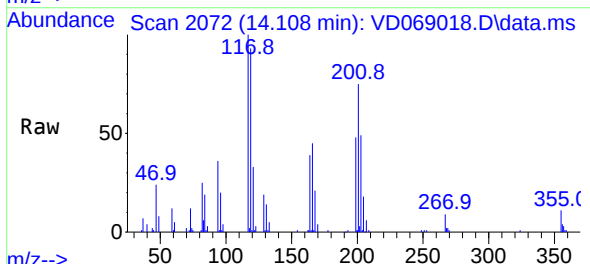
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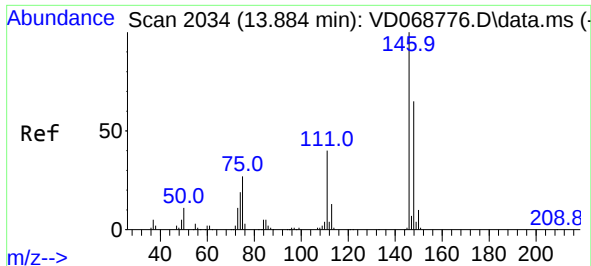
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#90  
Hexachloroethane  
Concen: 21.76 ug/l  
RT: 14.108 min Scan# 2072  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

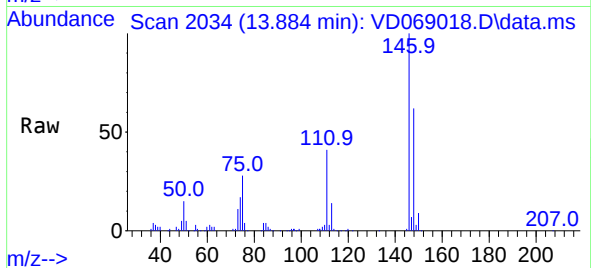
Tgt Ion: 117 Resp: 56341  
Ion Ratio Lower Upper  
117 100  
201 74.0 35.4 106.2





#91  
1,2-Dichlorobenzene  
Concen: 22.54 ug/l  
RT: 13.884 min Scan# 2034  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

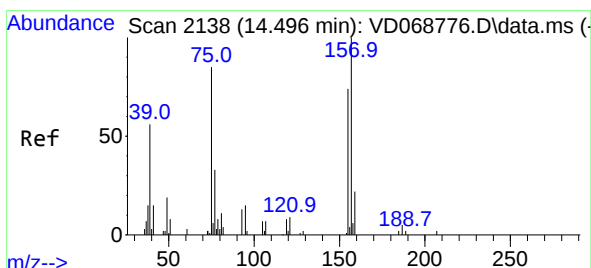
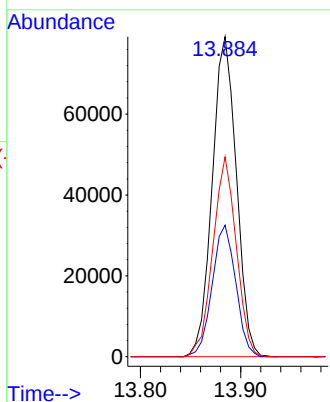
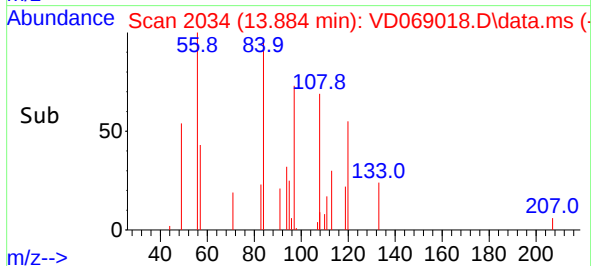
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBSD01



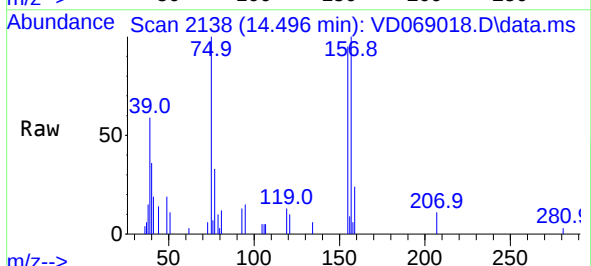
Tgt Ion:146 Resp: 132093  
Ion Ratio Lower Upper  
146 100  
111 40.1 20.3 60.9  
148 60.6 32.2 96.6

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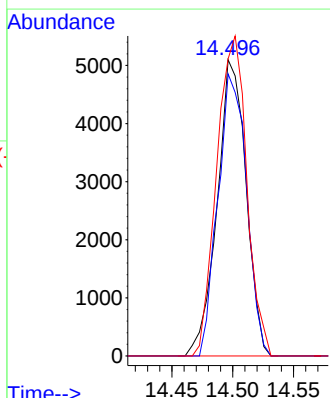
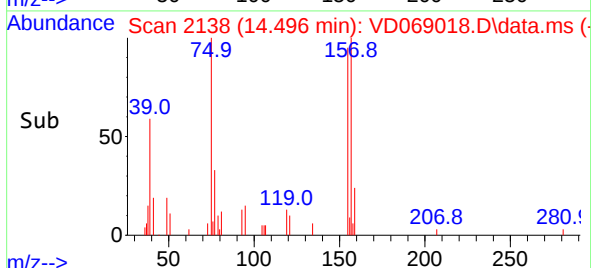
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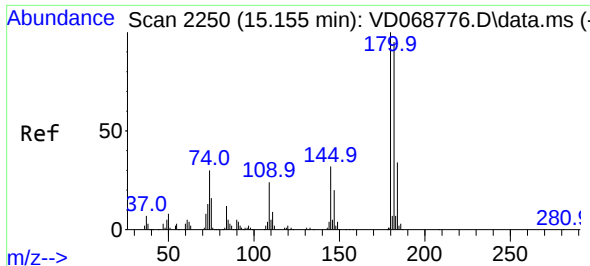


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.85 ug/l  
RT: 14.496 min Scan# 2138  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

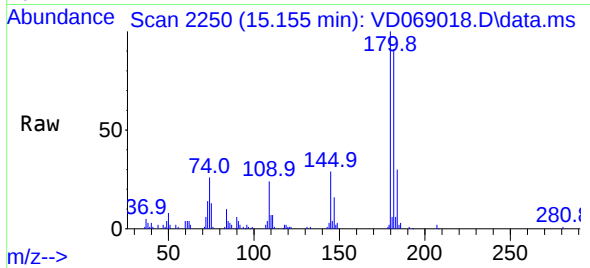


Tgt Ion: 75 Resp: 8422  
Ion Ratio Lower Upper  
75 100  
155 94.2 46.8 140.3  
157 112.4 59.8 179.3

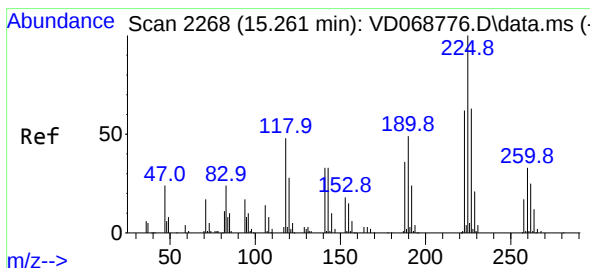
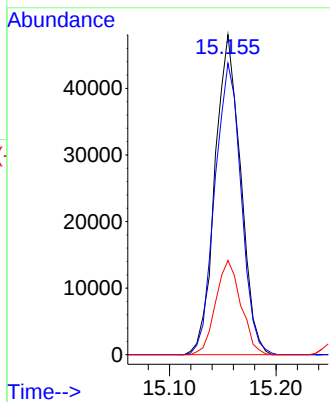
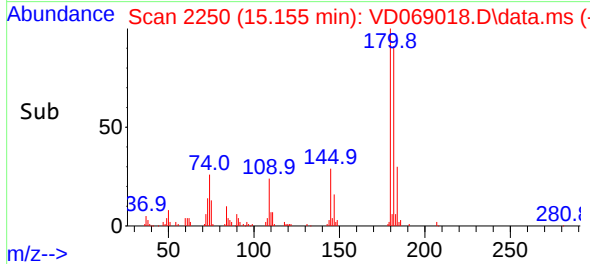




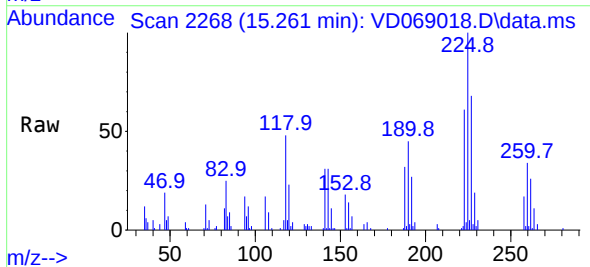
#93  
1,2,4-Trichlorobenzene  
Concen: 22.12 ug/l  
RT: 15.155 min Scan# 2250  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



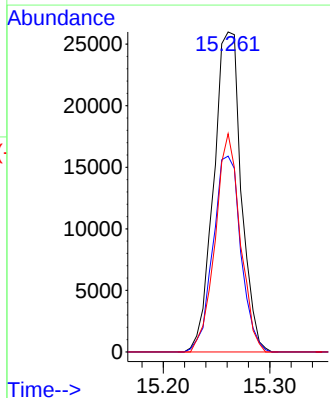
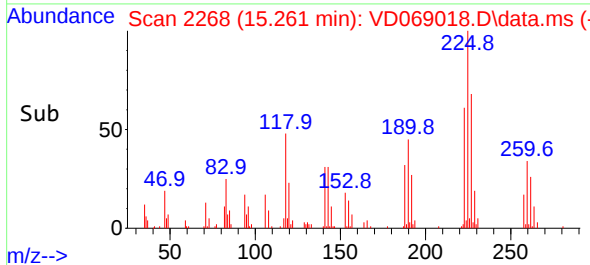
Tgt Ion:180 Resp: 80197  
Ion Ratio Lower Upper  
180 100  
182 93.3 47.9 143.8  
145 29.0 15.2 45.6



#94  
Hexachlorobutadiene  
Concen: 22.47 ug/l  
RT: 15.261 min Scan# 2268  
Delta R.T. -0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09



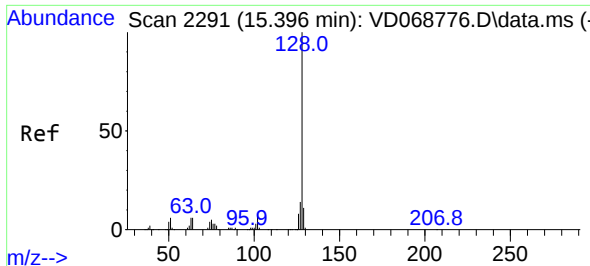
Tgt Ion:225 Resp: 46642  
Ion Ratio Lower Upper  
225 100  
223 61.7 30.6 91.6  
227 62.1 31.4 94.0



Instrument :  
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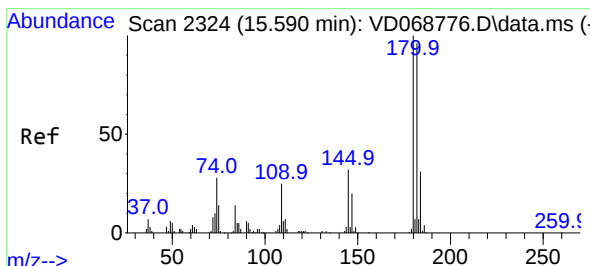
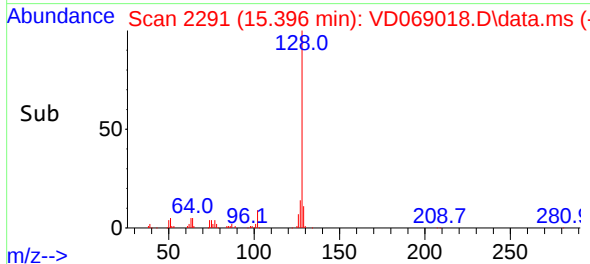
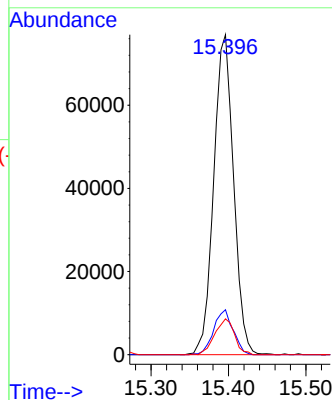
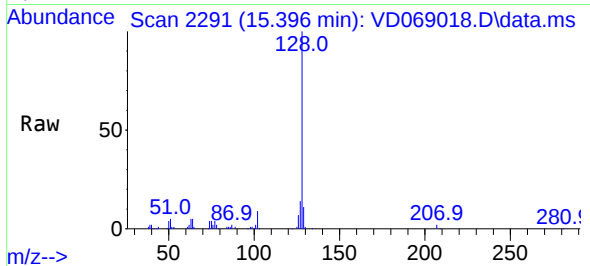
#95  
Naphthalene  
Concen: 21.68 ug/l  
RT: 15.396 min Scan# 2291  
Delta R.T. 0.000 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 136911 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.8  | 10.2  | 15.4   |
| 129      | 11.2  | 8.9   | 13.3   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0429SBS01

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 23.35 ug/l  
RT: 15.584 min Scan# 2323  
Delta R.T. -0.006 min  
Lab File: VD069018.D  
Acq: 29 Apr 2021 15:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 74027 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 91.4  | 46.5  | 139.3 |
| 145      | 28.0  | 15.8  | 47.4  |

