

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD060121\  
 Data File : VD069284.D  
 Acq On : 01 Jun 2021 15:36  
 Operator : VA/SY  
 Sample : VD0601SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0601SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 6/2/2021 6:46:39 PM

Quant Time: Jun 02 02:25:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D060121S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 02 02:17:36 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc   | Units | Dev(Min) |
|------------------------------|----------------|------|------------|--------|-------|----------|
| -----                        |                |      |            |        |       |          |
| Internal Standards           |                |      |            |        |       |          |
| 1) Pentafluorobenzene        | 7.979          | 168  | 447243     | 50.00  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.867          | 114  | 743653     | 50.00  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.644         | 117  | 691641     | 50.00  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.567         | 152  | 334896     | 50.00  | ug/l  | 0.00     |
|                              |                |      |            |        |       |          |
| System Monitoring Compounds  |                |      |            |        |       |          |
| 33) 1,2-Dichloroethane-d4    | 8.332          | 65   | 198074     | 46.16  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 92.32% |       |          |
| 35) Dibromofluoromethane     | 7.914          | 113  | 212994     | 45.61  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 91.22% |       |          |
| 50) Toluene-d8               | 10.338         | 98   | 781791     | 46.04  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 92.08% |       |          |
| 62) 4-Bromofluorobenzene     | 12.626         | 95   | 259702     | 46.67  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 93.34% |       |          |
|                              |                |      |            |        |       |          |
| Target Compounds             |                |      |            |        |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.991          | 85   | 91015      | 19.33  | ug/l  | 96       |
| 3) Chloromethane             | 2.209          | 50   | 72155      | 20.30  | ug/l  | 98       |
| 4) Vinyl Chloride            | 2.350          | 62   | 68107      | 18.81  | ug/l  | 100      |
| 5) Bromomethane              | 2.756          | 94   | 55250      | 20.92  | ug/l  | 100      |
| 6) Chloroethane              | 2.915          | 64   | 38025      | 18.40  | ug/l  | 100      |
| 7) Trichlorofluoromethane    | 3.273          | 101  | 164918     | 19.58  | ug/l  | 95       |
| 8) Diethyl Ether             | 3.703          | 74   | 43070      | 20.82  | ug/l  | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 4.097          | 101  | 95656      | 19.29  | ug/l  | 98       |
| 10) Methyl Iodide            | 4.297          | 142  | 75397      | 16.65  | ug/l  | 97       |
| 11) Tert butyl alcohol       | 5.220          | 59   | 44867m     | 161.25 | ug/l  |          |
| 12) 1,1-Dichloroethene       | 4.067          | 96   | 87408      | 19.49  | ug/l  | 99       |
| 13) Acrolein                 | 3.926          | 56   | 22571      | 90.53  | ug/l  | 98       |
| 14) Allyl chloride           | 4.714          | 41   | 107948     | 19.94  | ug/l  | 95       |
| 15) Acrylonitrile            | 5.426          | 53   | 82627      | 102.44 | ug/l  | 97       |
| 16) Acetone                  | 4.156          | 43   | 77624      | 103.65 | ug/l  | 97       |
| 17) Carbon Disulfide         | 4.409          | 76   | 283908     | 19.14  | ug/l  | 98       |
| 18) Methyl Acetate           | 4.714          | 43   | 40689      | 20.08  | ug/l  | 98       |
| 19) Methyl tert-butyl Ether  | 5.479          | 73   | 166629     | 20.23  | ug/l  | 97       |
| 20) Methylene Chloride       | 4.962          | 84   | 157017     | 25.32  | ug/l  | 98       |
| 21) trans-1,2-Dichloroethene | 5.467          | 96   | 102245     | 19.24  | ug/l  | 89       |
| 22) Diisopropyl ether        | 6.361          | 45   | 213332     | 20.52  | ug/l  | 91       |
| 23) Vinyl Acetate            | 6.303          | 43   | 590051     | 96.32  | ug/l  | 99       |
| 24) 1,1-Dichloroethane       | 6.261          | 63   | 171340     | 19.70  | ug/l  | 98       |
| 25) 2-Butanone               | 7.208          | 43   | 99002      | 100.47 | ug/l  | 97       |
| 26) 2,2-Dichloropropane      | 7.208          | 77   | 157787     | 19.68  | ug/l  | 98       |
| 27) cis-1,2-Dichloroethene   | 7.208          | 96   | 111041     | 19.73  | ug/l  | 99       |
| 28) Bromochloromethane       | 7.544          | 49   | 58818      | 19.50  | ug/l  | 95       |
| 29) Tetrahydrofuran          | 7.561          | 42   | 58402      | 103.11 | ug/l  | 98       |
| 30) Chloroform               | 7.708          | 83   | 185200     | 19.47  | ug/l  | 98       |
| 31) Cyclohexane              | 7.985          | 56   | 127587     | 18.71  | ug/l  | 97       |
| 32) 1,1,1-Trichloroethane    | 7.903          | 97   | 167882     | 19.56  | ug/l  | 100      |
| 36) 1,1-Dichloropropene      | 8.108          | 75   | 134488     | 18.61  | ug/l  | 96       |
| 37) Ethyl Acetate            | 7.297          | 43   | 47060      | 19.17  | ug/l  | 98       |
| 38) Carbon Tetrachloride     | 8.097          | 117  | 146935     | 18.83  | ug/l  | 98       |
| 39) Methylcyclohexane        | 9.355          | 83   | 142606     | 19.29  | ug/l  | 96       |
| 40) Benzene                  | 8.350          | 78   | 402579     | 19.18  | ug/l  | 100      |

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 Operator : VA/SY  
 Sample : VD0601SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0601SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 6/2/2021 6:46:39 PM

Quant Time: Jun 02 02:25:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D060121S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 02 02:17:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.520  | 41   | 17957m   | 15.07  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 106857   | 19.07  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.450  | 43   | 85911    | 19.23  | ug/l   | 97       |
| 44) Trichloroethene           | 9.114  | 130  | 111216   | 19.50  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.391  | 63   | 94584    | 18.92  | ug/l   | 98       |
| 46) Dibromomethane            | 9.473  | 93   | 54600    | 19.11  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.661  | 83   | 142827   | 19.39  | ug/l   | 93       |
| 48) Methyl methacrylate       | 9.455  | 41   | 39606    | 19.10  | ug/l   | 88       |
| 49) 1,4-Dioxane               | 9.467  | 88   | 11374    | 405.30 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 225795   | 97.87  | ug/l   | 100      |
| 52) Toluene                   | 10.402 | 92   | 259534   | 19.59  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 126019   | 19.15  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 153942   | 19.63  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.797 | 97   | 77369    | 19.52  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 79540    | 19.31  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.944 | 76   | 125039   | 19.46  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 196948   | 106.14 | ug/l   | 100      |
| 59) 2-Hexanone                | 10.985 | 43   | 149353   | 96.84  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.138 | 129  | 98111    | 19.65  | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 11.244 | 107  | 73747    | 19.51  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.879 | 164  | 91172    | 18.94  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.667 | 112  | 274541   | 19.42  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 103799   | 19.60  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.744 | 91   | 473495   | 19.50  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.849 | 106  | 369063   | 38.79  | ug/l   | 98       |
| 69) o-Xylene                  | 12.179 | 106  | 163934   | 19.48  | ug/l   | 98       |
| 70) Styrene                   | 12.191 | 104  | 295816   | 20.25  | ug/l   | 99       |
| 71) Bromoform                 | 12.355 | 173  | 54224    | 19.74  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.479 | 105  | 449160   | 19.60  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.285 | 43   | 79491    | 19.64  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.726 | 83   | 83718    | 19.57  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.779 | 75   | 51747m   | 17.78  | ug/l   |          |
| 77) Bromobenzene              | 12.755 | 156  | 106077   | 19.22  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.814 | 91   | 555461   | 19.76  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 309051   | 19.34  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105  | 380622   | 19.61  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 24786    | 18.88  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 330852   | 19.68  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.220 | 119  | 313227   | 19.27  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 381870   | 19.78  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.396 | 105  | 476883   | 19.88  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 412560   | 19.66  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 212790   | 19.05  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.590 | 146  | 217083   | 19.50  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.838 | 91   | 376217   | 19.17  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.108 | 117  | 75518    | 18.95  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.885 | 146  | 185358   | 19.26  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.496 | 75   | 13219    | 19.39  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.155 | 180  | 111679   | 19.34  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.255 | 225  | 67525    | 18.62  | ug/l   | 98       |
| 95) Naphthalene               | 15.390 | 128  | 192156   | 19.01  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.585 | 180  | 96737    | 19.03  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD060121\  
Data File : VD069284.D  
Acq On : 01 Jun 2021 15:36  
Operator : VA/SY  
Sample : VD0601SBS01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

Manual Integrations  
APPROVED

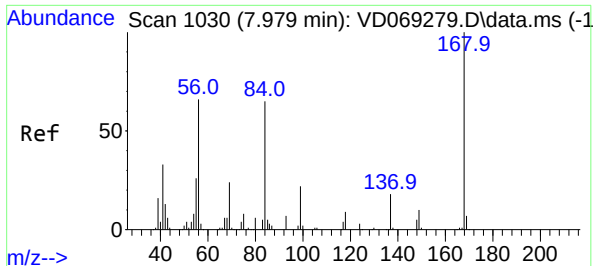
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6/2/2021 6:46:39 PM

Quant Time: Jun 02 02:25:58 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D060121S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 02 02:17:36 2021  
Response via : Initial Calibration

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

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





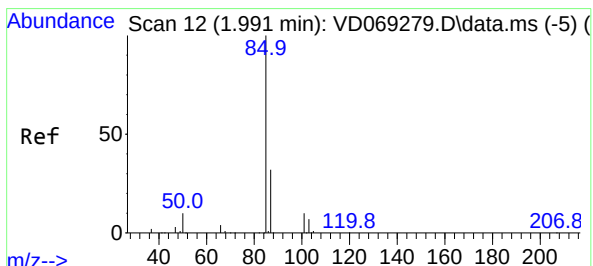
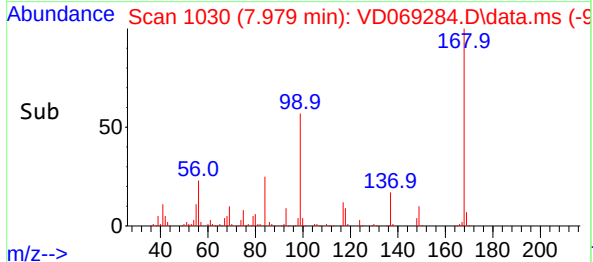
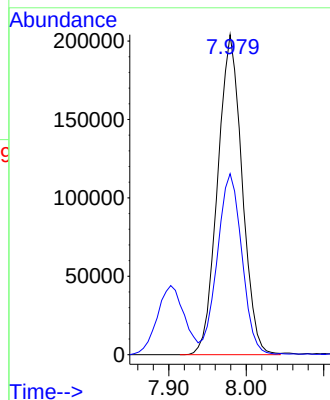
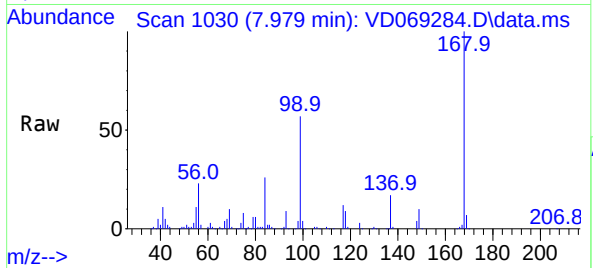
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 168 Resp: 447243  
Ion Ratio Lower Upper  
168 100  
99 56.2 46.2 69.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

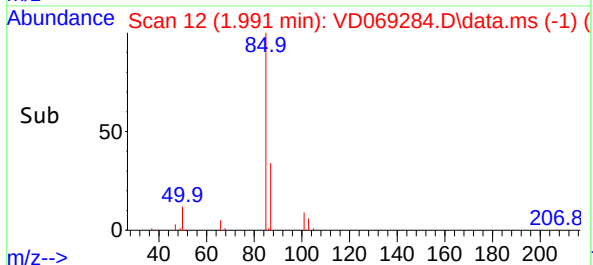
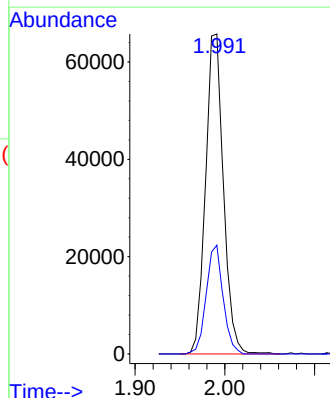
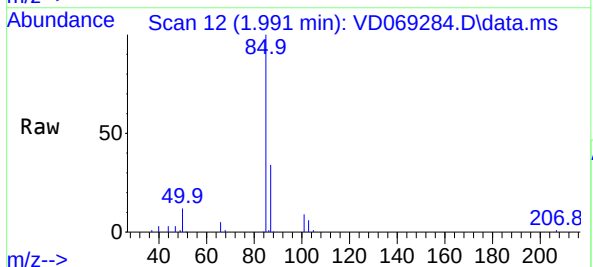
Manual Integrations  
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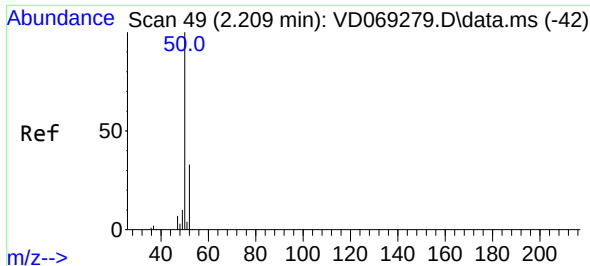
MMDadoda  
6/2/2021 6:46:39 PM



#2  
Dichlorodifluoromethane  
Concen: 19.33 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 85 Resp: 91015  
Ion Ratio Lower Upper  
85 100  
87 34.0 15.9 47.7





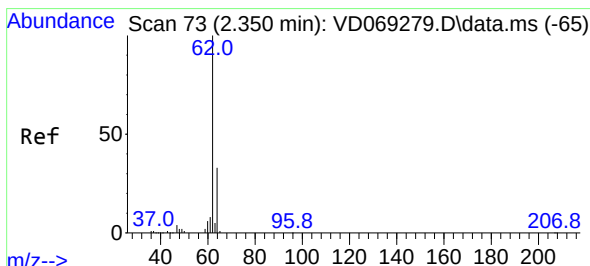
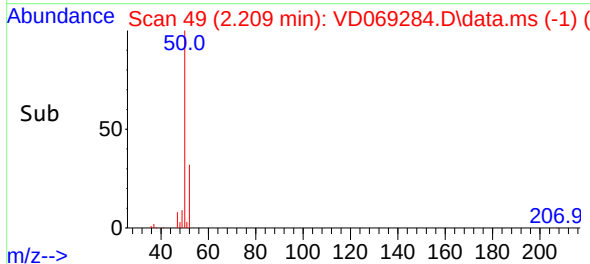
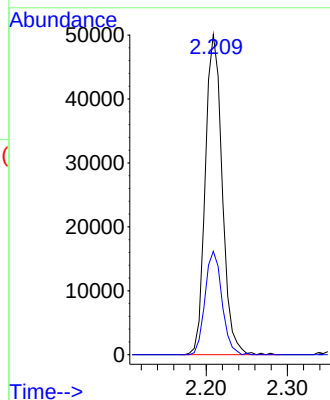
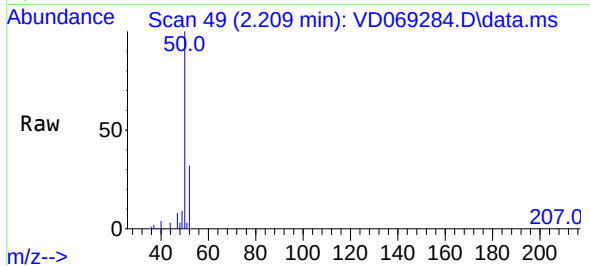
#3  
Chloromethane  
Concen: 20.30 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 50 Resp: 72155  
Ion Ratio Lower Upper  
50 100  
52 32.3 26.7 40.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

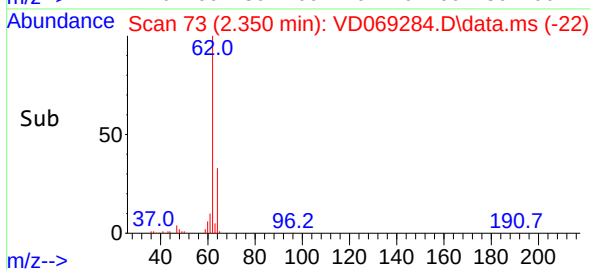
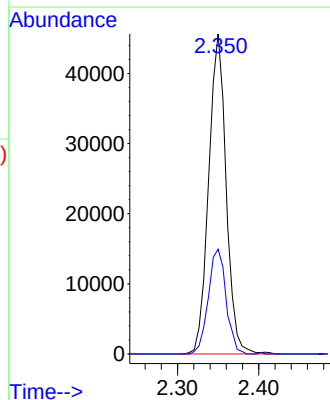
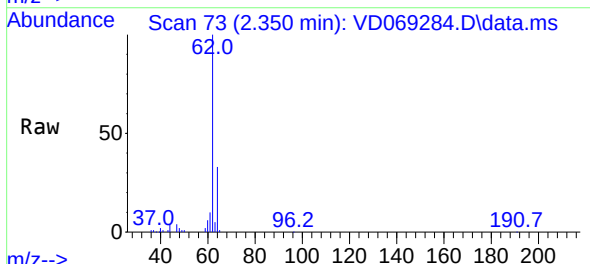
Manual Integrations  
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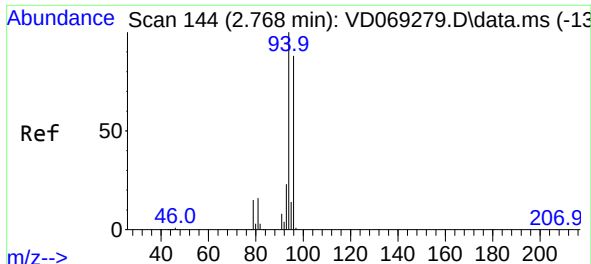
MMDadoda  
6/2/2021 6:46:39 PM



#4  
Vinyl Chloride  
Concen: 18.81 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

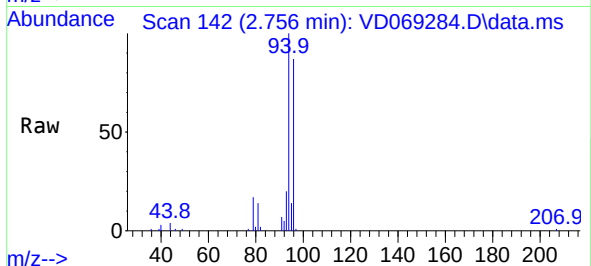
Tgt Ion: 62 Resp: 68107  
Ion Ratio Lower Upper  
62 100  
64 32.7 26.2 39.4





#5  
Bromomethane  
Concen: 20.92 ug/l  
RT: 2.756 min Scan# 142  
Delta R.T. -0.012 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

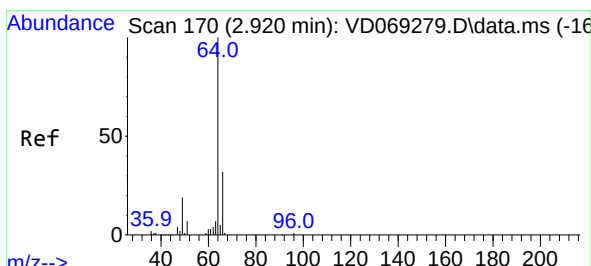
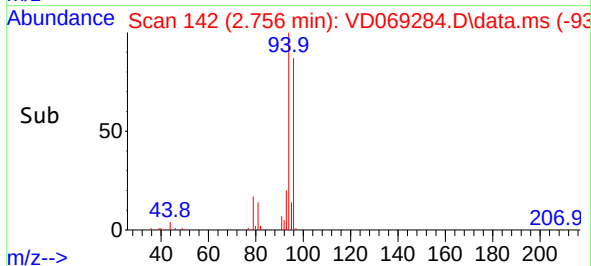
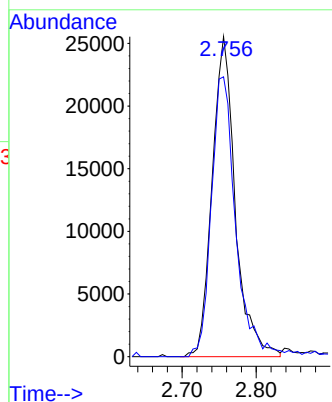
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01



Tgt Ion: 94 Resp: 55250  
Ion Ratio Lower Upper  
94 100  
96 87.4 70.3 105.5

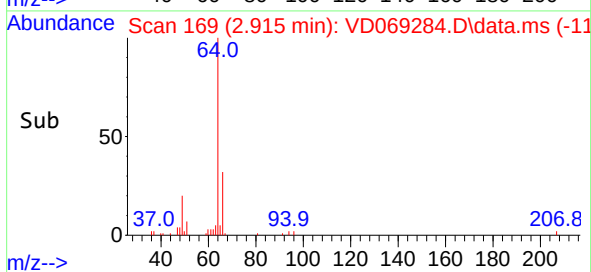
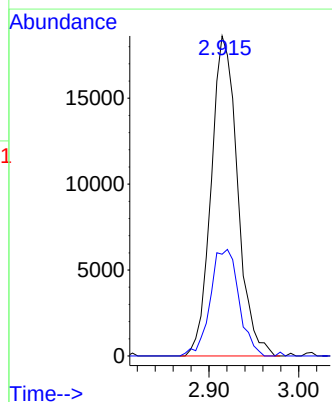
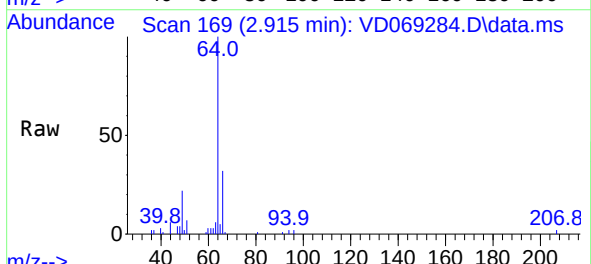
Manual Integrations  
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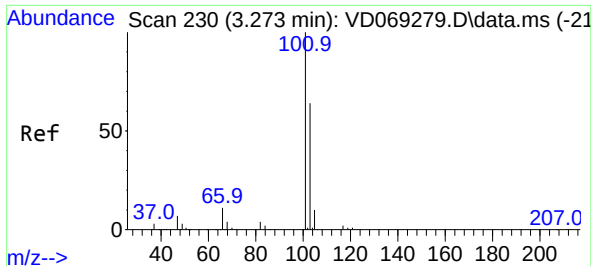
MMDadoda  
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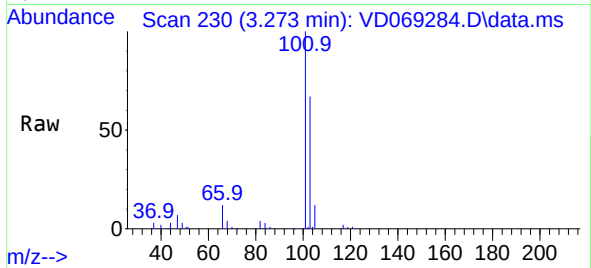
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Chloroethane  
Concen: 18.40 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 64 Resp: 38025  
Ion Ratio Lower Upper  
64 100  
66 31.8 25.4 38.0

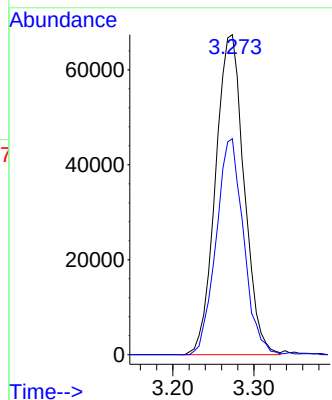




#7  
Trichlorofluoromethane  
Concen: 19.58 ug/l  
RT: 3.273 min Scan# 230  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



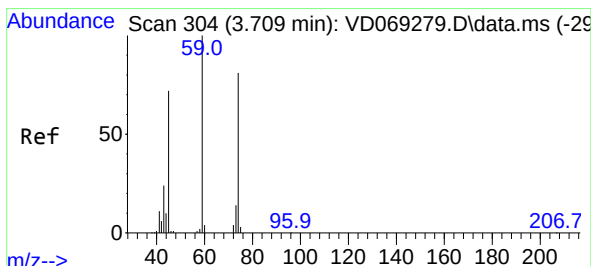
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Ion Ratio Lower Upper  
101 100  
103 67.5 51.0 76.4



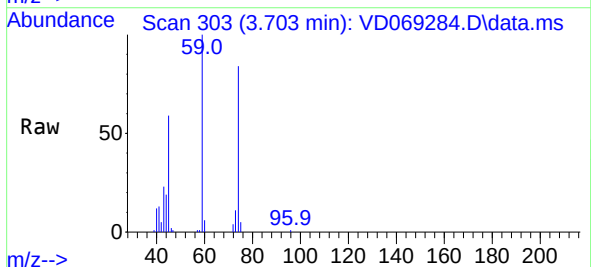
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

Manual Integrations  
APPROVED

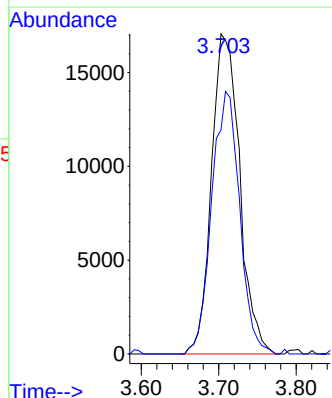
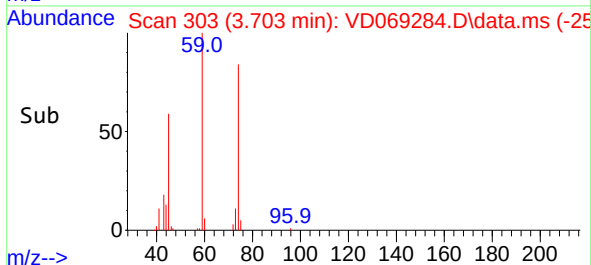
MMDadoda  
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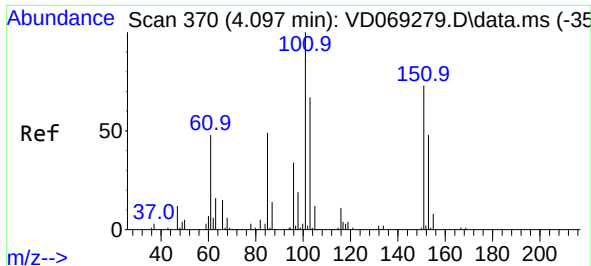
#8  
Diethyl Ether  
Concen: 20.82 ug/l  
RT: 3.703 min Scan# 303  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



Tgt Ion: 74 Resp: 43070  
Ion Ratio Lower Upper  
74 100  
45 81.2 42.4 127.3







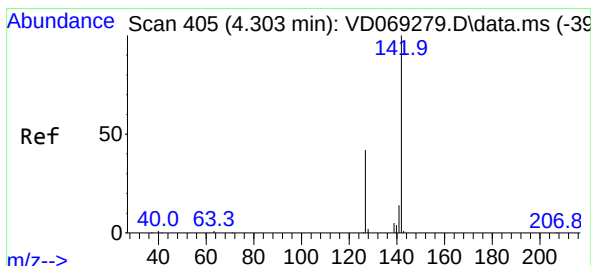
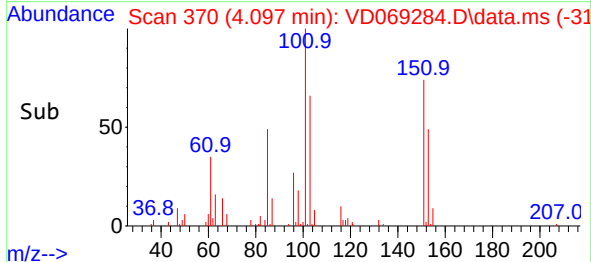
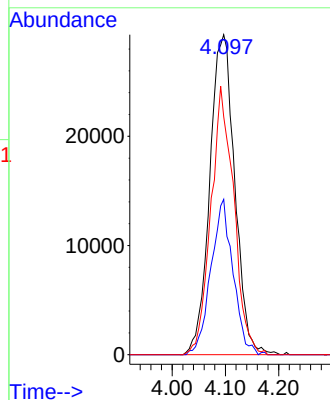
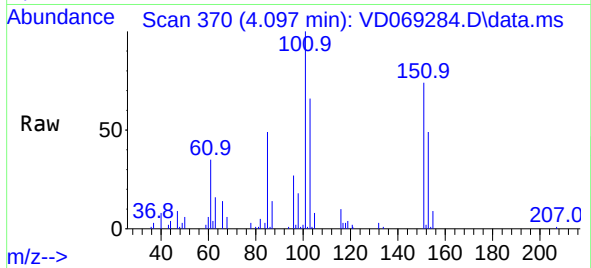
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.29 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 95656 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 43.1  | 35.1  | 52.7  |
| 151      | 76.7  | 60.2  | 90.2  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

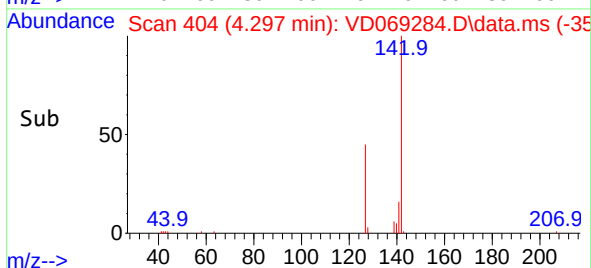
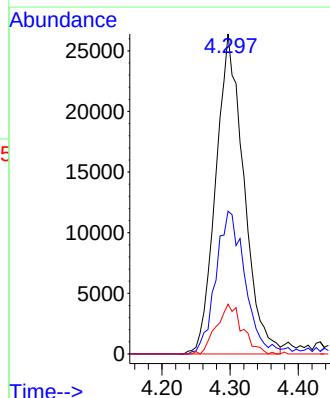
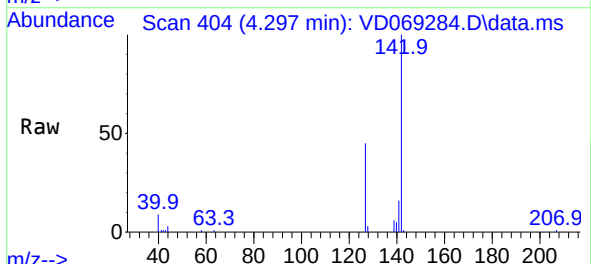
Manual Integrations  
APPROVED

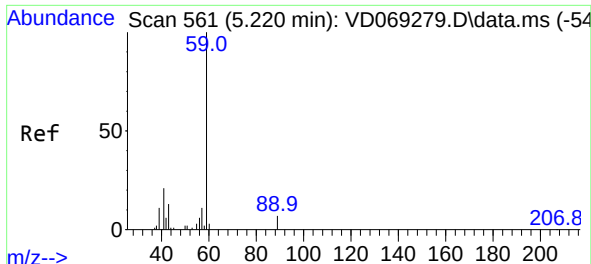
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#10  
Methyl Iodide  
Concen: 16.65 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

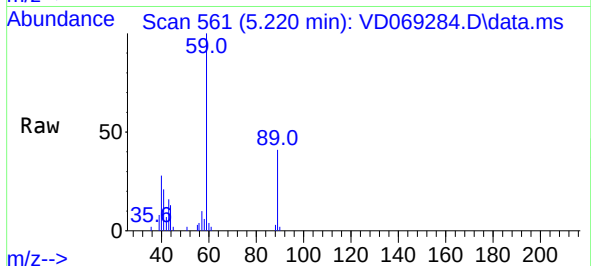
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 75397 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 47.1  | 36.2  | 54.2  |
| 141      | 14.5  | 12.2  | 18.2  |





#11  
Tert butyl alcohol  
Concen: 161.25 ug/l m  
RT: 5.220 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

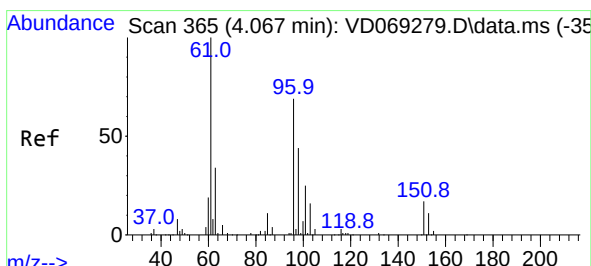
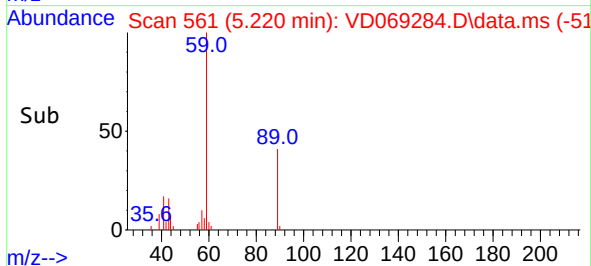
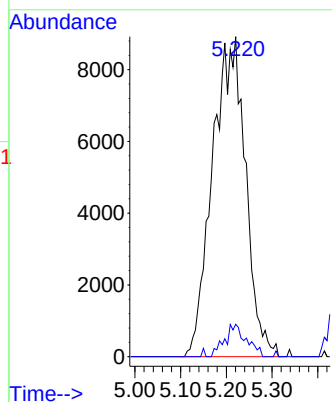
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01



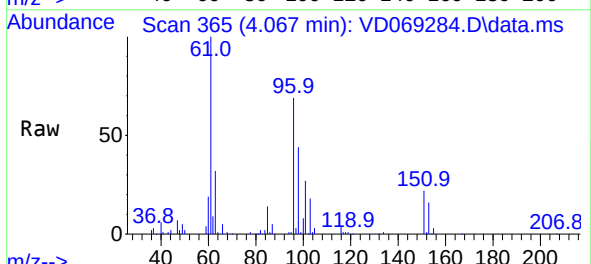
Tgt Ion: 59 Resp: 44867  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.8#

Manual Integrations  
APPROVED

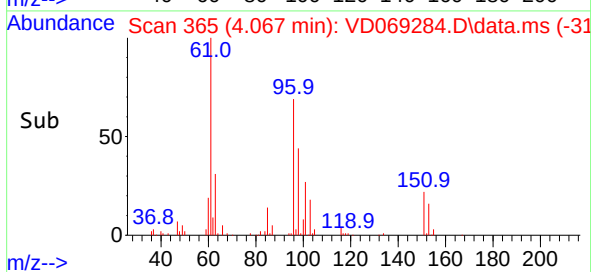
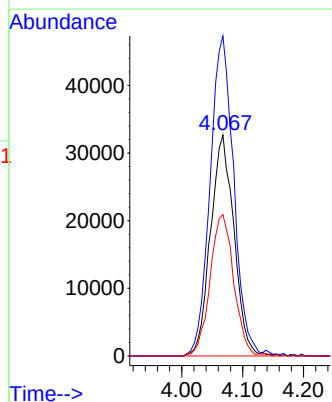
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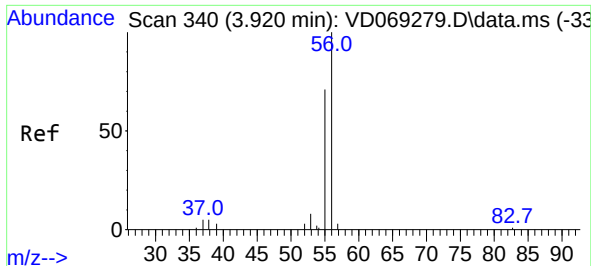


#12  
1,1-Dichloroethene  
Concen: 19.49 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. 0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



Tgt Ion: 96 Resp: 87408  
Ion Ratio Lower Upper  
96 100  
61 144.8 116.5 174.7  
98 64.0 50.8 76.2





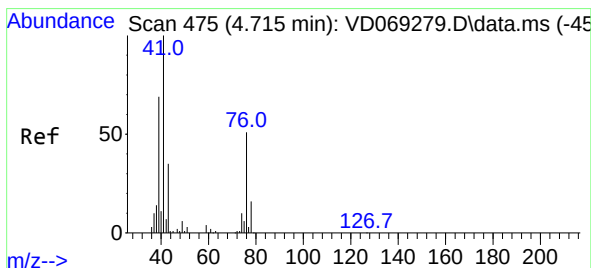
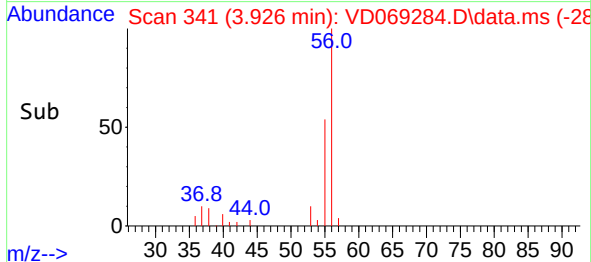
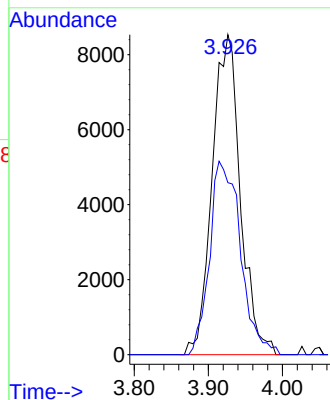
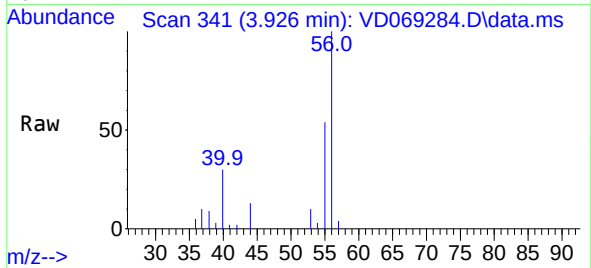
#13  
Acrolein  
Concen: 90.53 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 56 Resp: 22571  
Ion Ratio Lower Upper  
56 100  
55 66.1 53.8 80.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

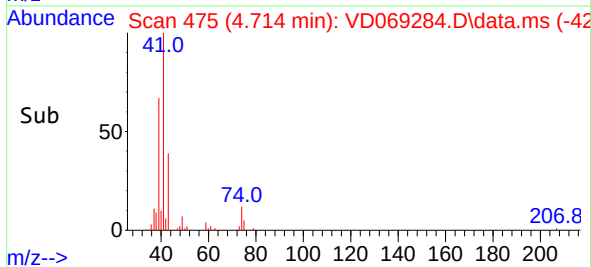
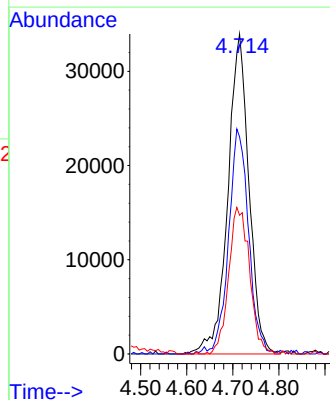
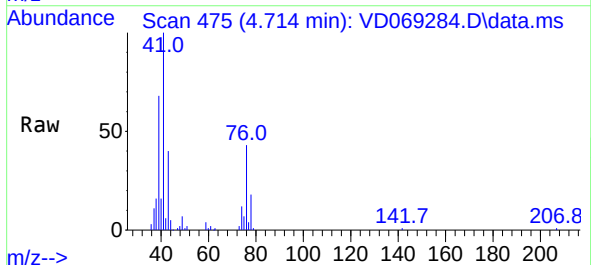
Manual Integrations  
APPROVED

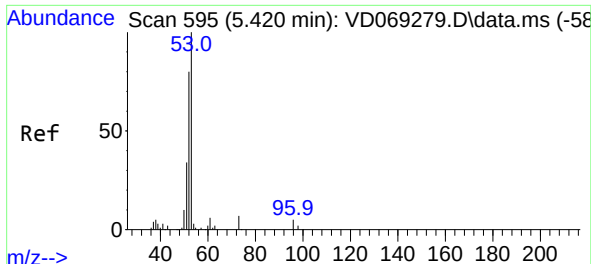
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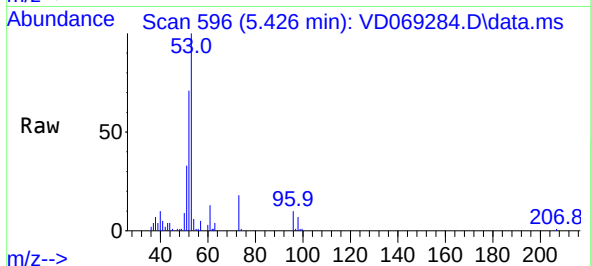
#14  
Allyl chloride  
Concen: 19.94 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 41 Resp: 107948  
Ion Ratio Lower Upper  
41 100  
39 64.8 56.1 84.1  
76 45.4 37.9 56.9

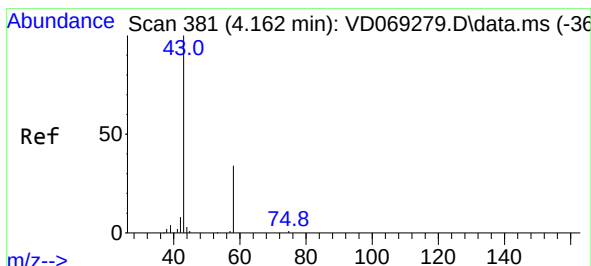
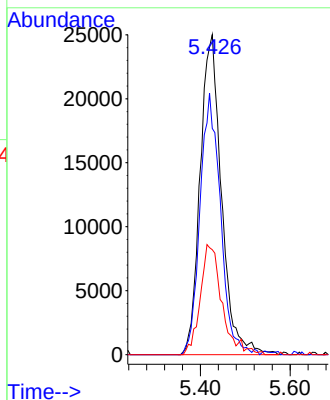
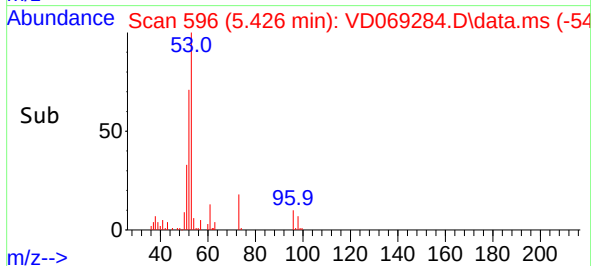




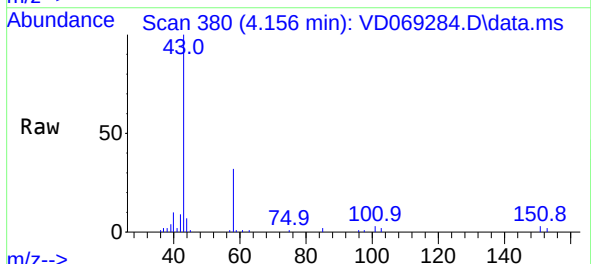
#15  
Acrylonitrile  
Concen: 102.44 ug/l  
RT: 5.426 min Scan# 596  
Delta R.T. 0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



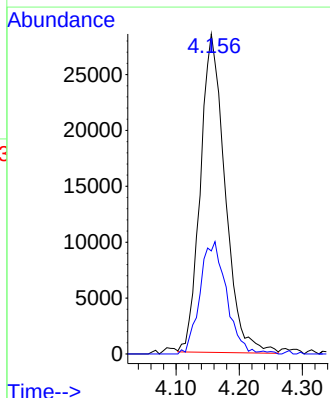
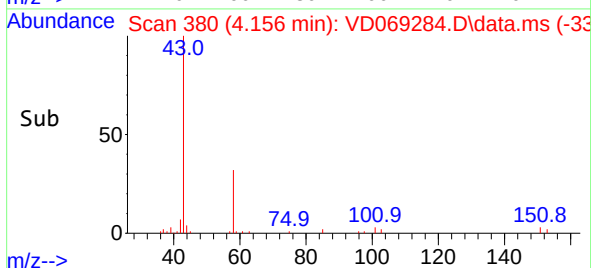
Tgt Ion: 53 Resp: 82627  
Ion Ratio Lower Upper  
53 100  
52 78.1 64.5 96.7  
51 34.5 28.6 43.0



#16  
Acetone  
Concen: 103.65 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



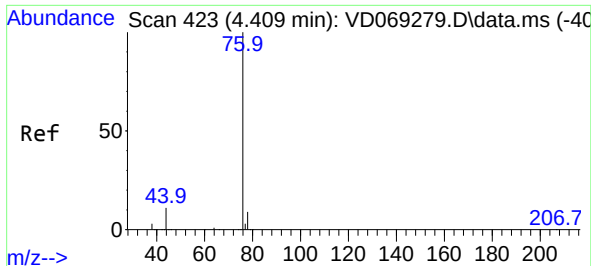
Tgt Ion: 43 Resp: 77624  
Ion Ratio Lower Upper  
43 100  
58 32.4 27.5 41.3



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

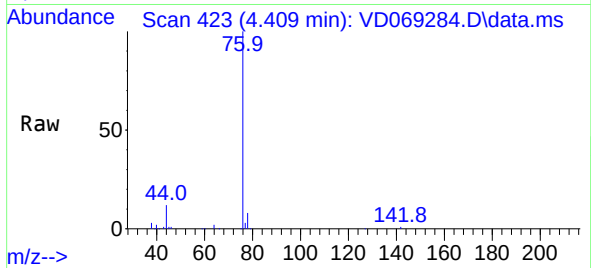
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6/2/2021 6:46:39 PM



#17  
Carbon Disulfide  
Concen: 19.14 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

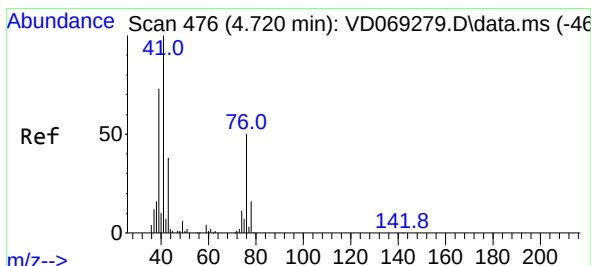
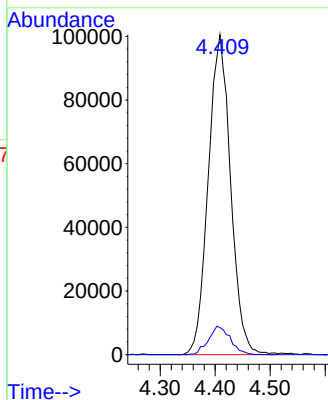
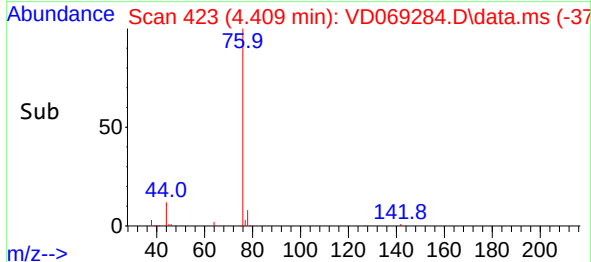
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01



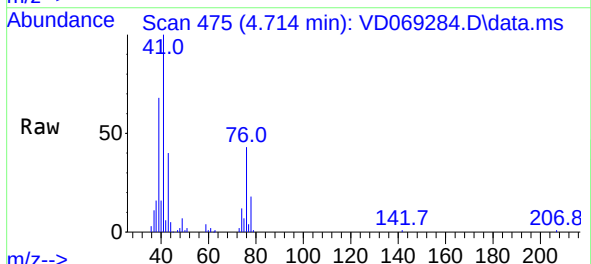
Tgt Ion: 76 Resp: 283908  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.4 11.0

Manual Integrations  
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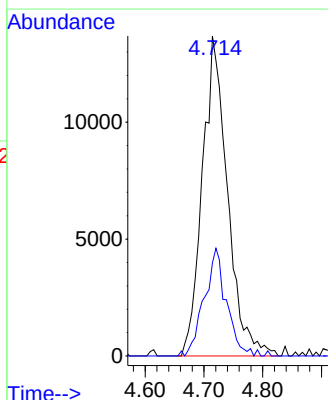
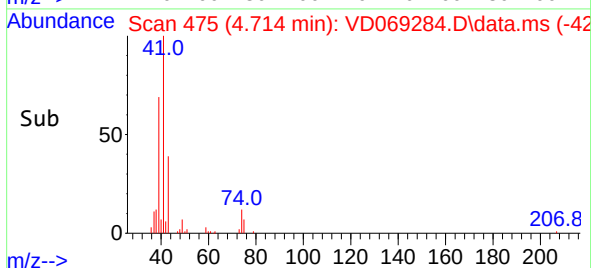
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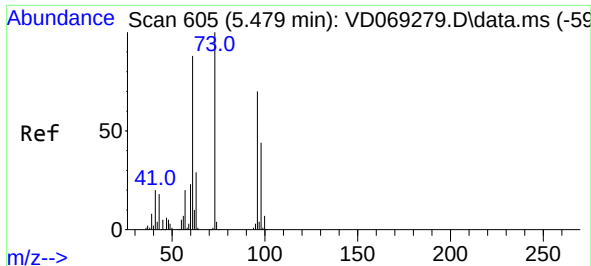


#18  
Methyl Acetate  
Concen: 20.08 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



Tgt Ion: 43 Resp: 40689  
Ion Ratio Lower Upper  
43 100  
74 29.7 22.8 34.2





#19

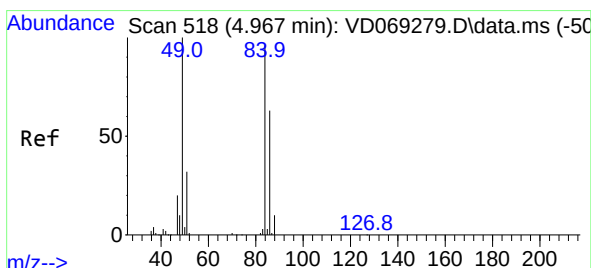
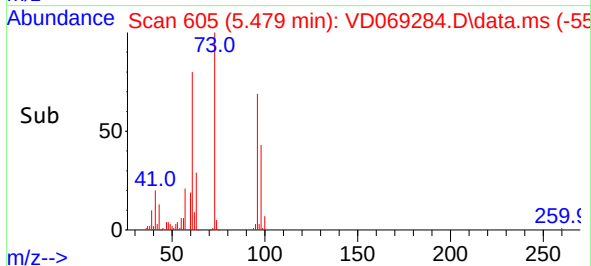
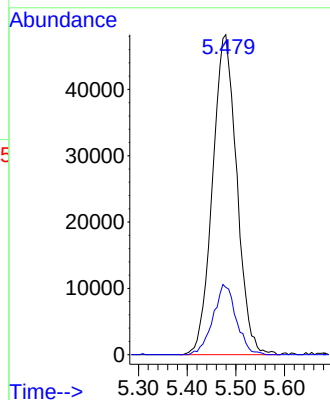
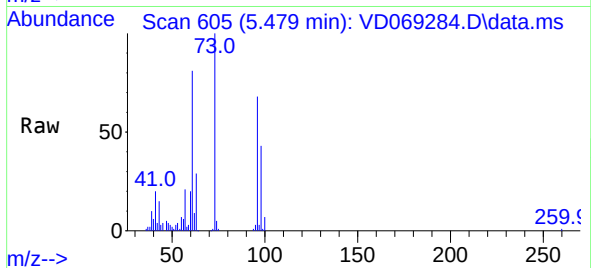
Methyl tert-butyl Ether  
Concen: 20.23 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 73 Resp: 166629  
Ion Ratio Lower Upper  
73 100  
57 21.0 15.7 23.5

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

Manual Integrations  
APPROVED

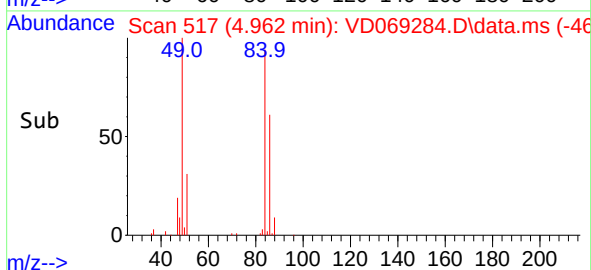
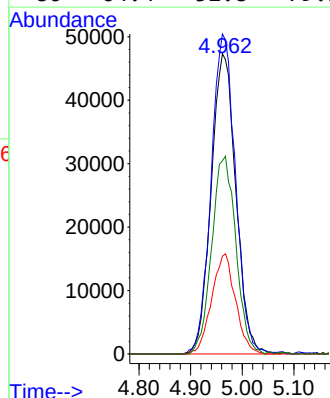
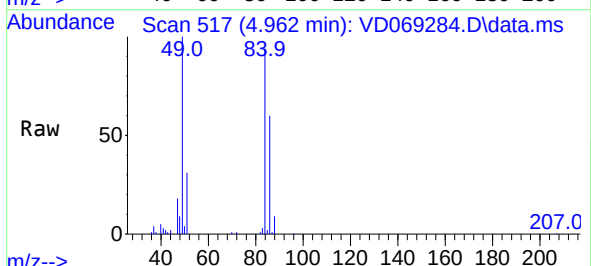
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6/2/2021 6:46:39 PM

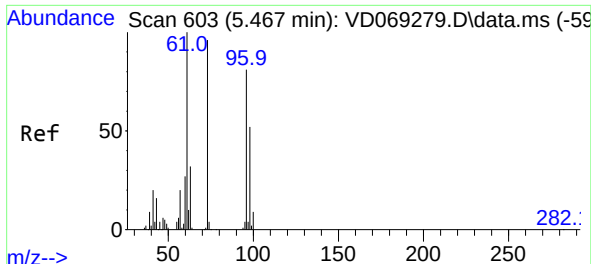


#20

Methylene Chloride  
Concen: 25.32 ug/l  
RT: 4.962 min Scan# 517  
Delta R.T. -0.005 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

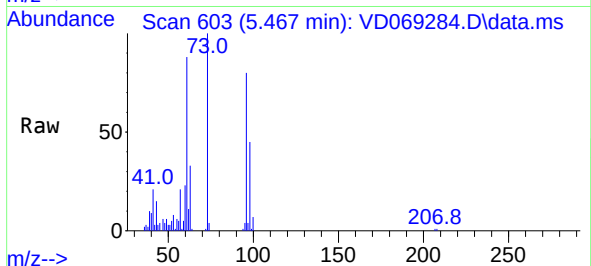
Tgt Ion: 84 Resp: 157017  
Ion Ratio Lower Upper  
84 100  
49 106.6 83.7 125.5  
51 32.6 26.4 39.6  
86 64.4 52.8 79.2





#21  
trans-1,2-Dichloroethene  
Concen: 19.24 ug/l  
RT: 5.467 min Scan# 603  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

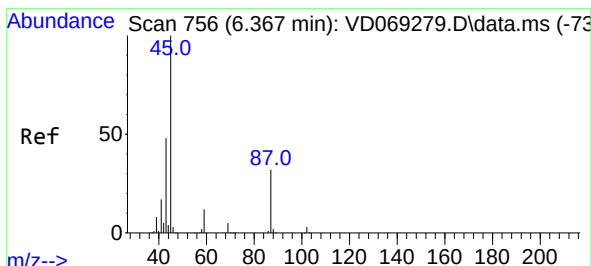
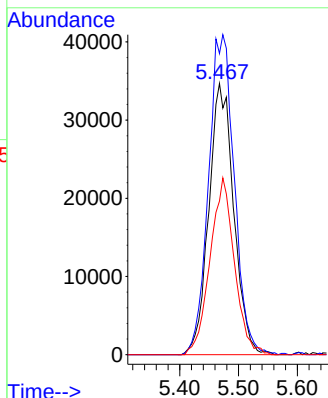
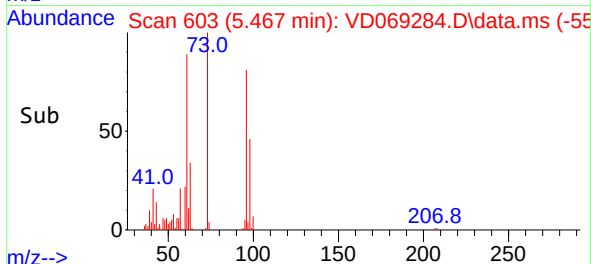
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01



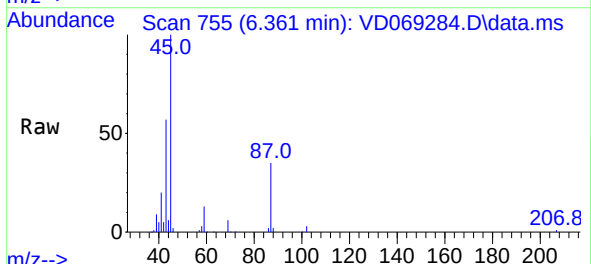
Tgt Ion: 96 Resp: 102245  
Ion Ratio Lower Upper  
96 100  
61 111.0 98.8 148.2  
98 56.6 51.4 77.2

Manual Integrations  
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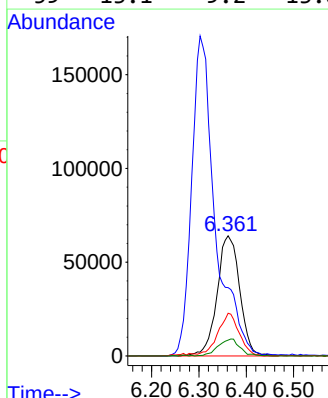
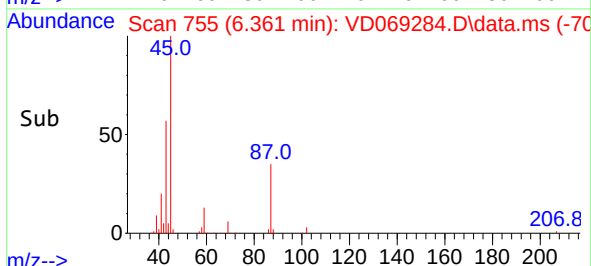
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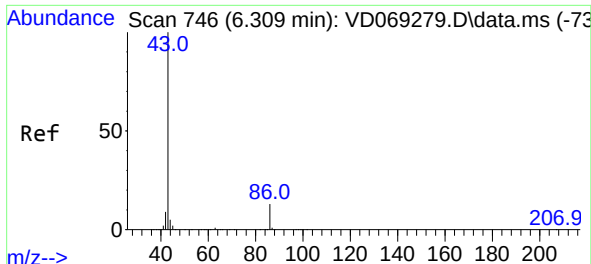


#22  
Diisopropyl ether  
Concen: 20.52 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



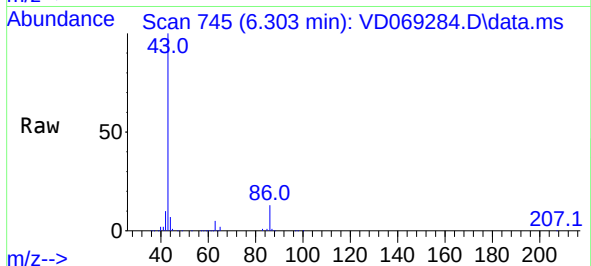
Tgt Ion: 45 Resp: 213332  
Ion Ratio Lower Upper  
45 100  
43 56.0 38.7 58.1  
87 35.5 25.6 38.4  
59 13.1 9.2 13.8





#23  
Vinyl Acetate  
Concen: 96.32 ug/l  
RT: 6.303 min Scan# 745  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

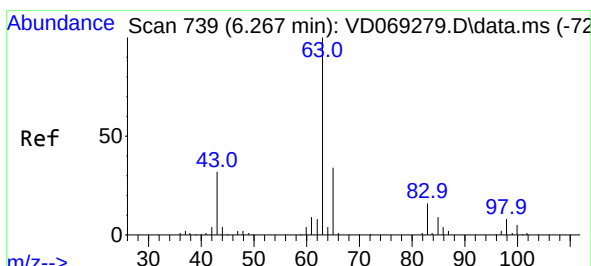
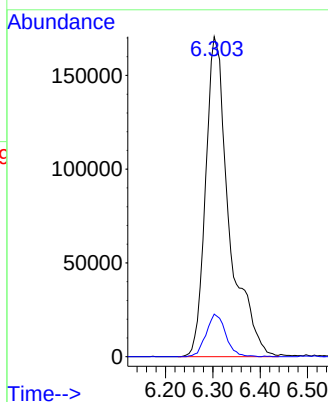
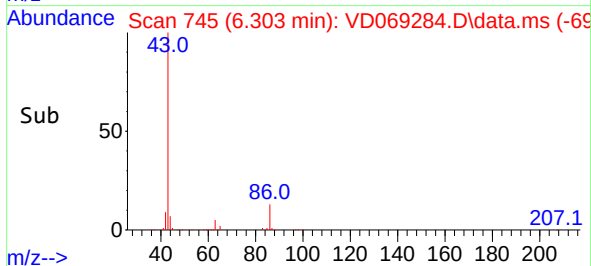
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01



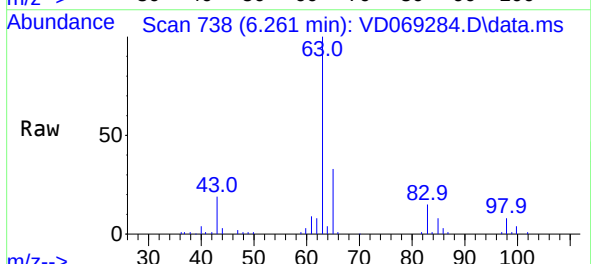
Tgt Ion: 43 Resp: 590051  
Ion Ratio Lower Upper  
43 100  
86 13.3 10.5 15.7

Manual Integrations  
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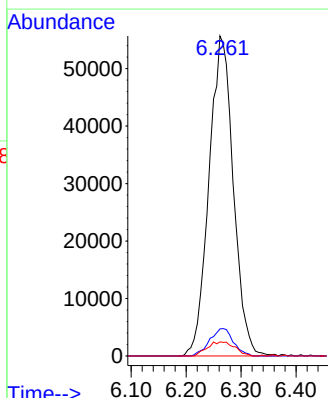
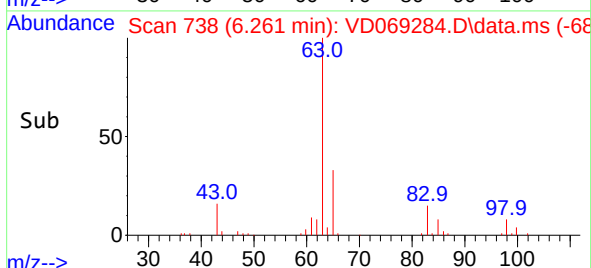
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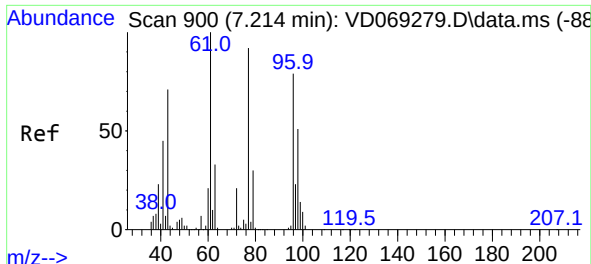
#24  
1,1-Dichloroethane  
Concen: 19.70 ug/l  
RT: 6.261 min Scan# 738  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



Tgt Ion: 63 Resp: 171340  
Ion Ratio Lower Upper  
63 100  
98 8.5 3.8 11.4  
100 4.4 2.6 7.8

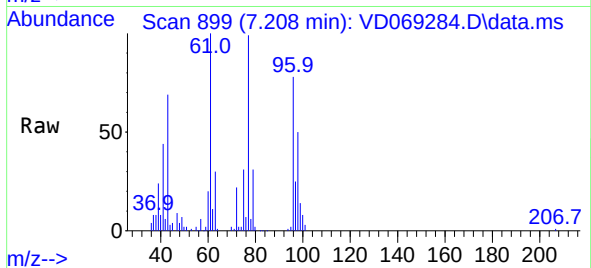






#25  
2-Butanone  
Concen: 100.47 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

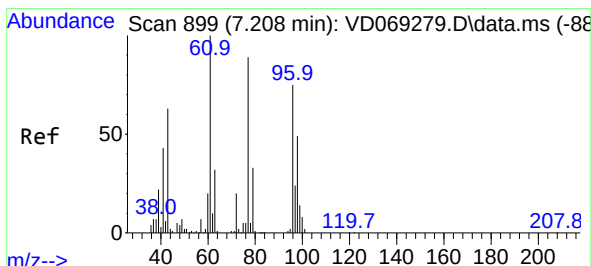
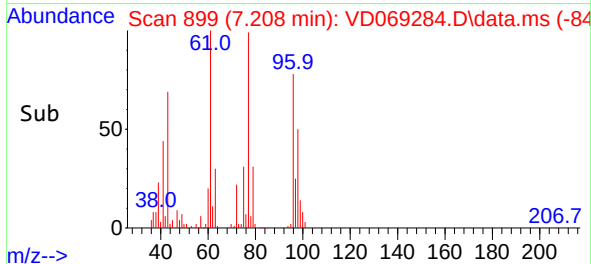
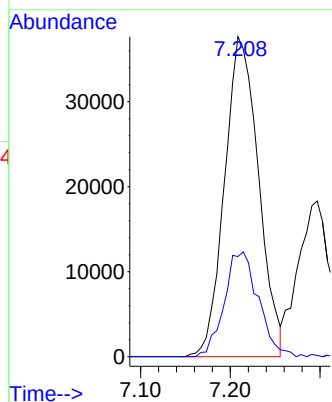
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01



Tgt Ion: 43 Resp: 99002  
Ion Ratio Lower Upper  
43 100  
72 31.3 23.9 35.9

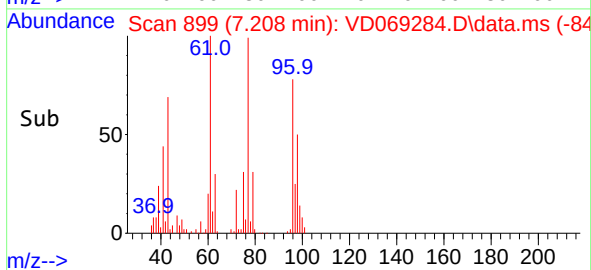
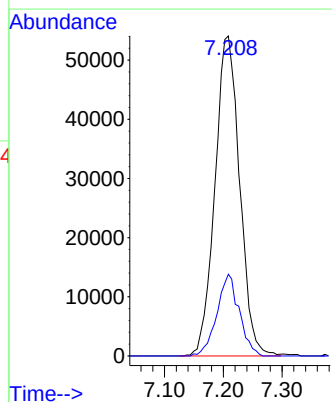
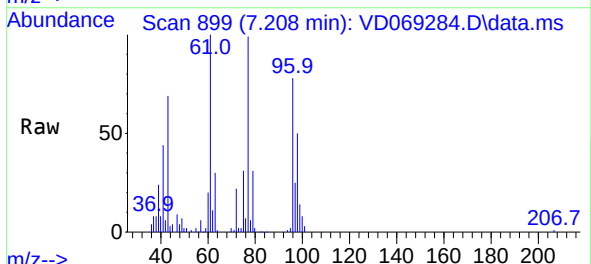
Manual Integrations  
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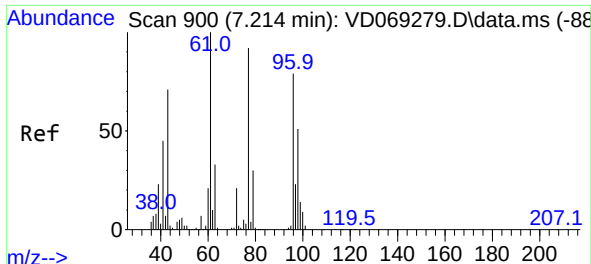
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6/2/2021 6:46:39 PM



#26  
2,2-Dichloropropane  
Concen: 19.68 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

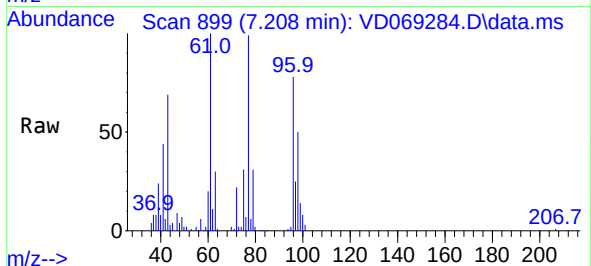
Tgt Ion: 77 Resp: 157787  
Ion Ratio Lower Upper  
77 100  
97 23.1 12.1 36.3





#27  
cis-1,2-Dichloroethene  
Concen: 19.73 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

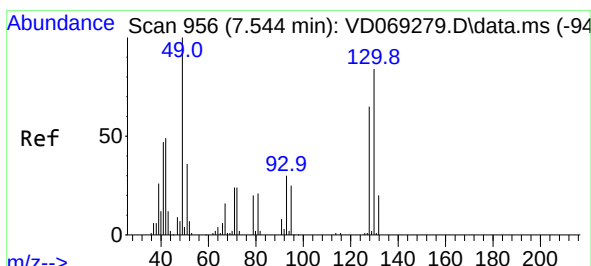
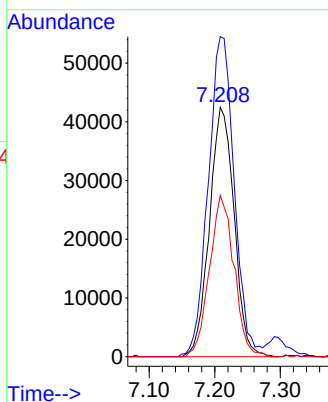
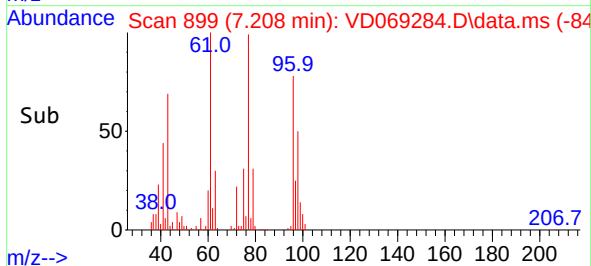
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01



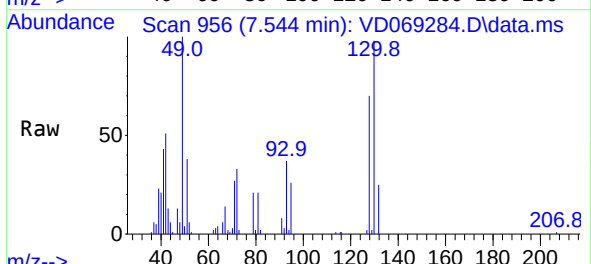
Tgt Ion: 96 Resp: 111041  
Ion Ratio Lower Upper  
96 100  
61 135.1 0.0 265.6  
98 64.2 0.0 129.0

Manual Integrations  
APPROVED

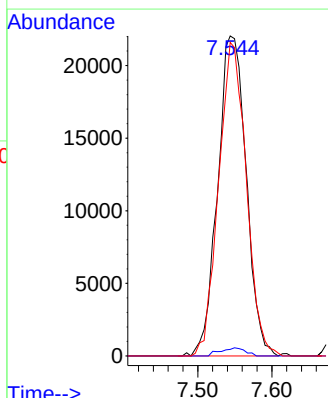
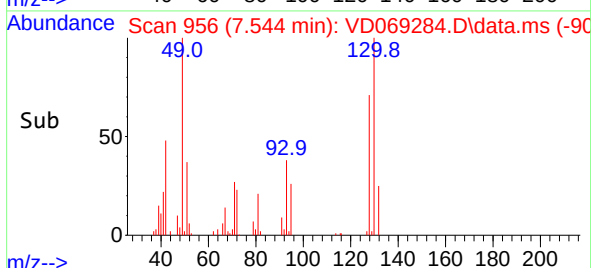
MMDadoda  
6/2/2021 6:46:39 PM

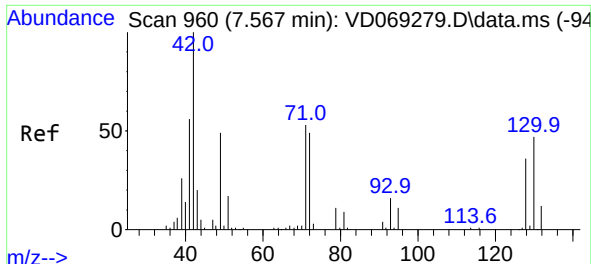


#28  
Bromochloromethane  
Concen: 19.50 ug/l  
RT: 7.544 min Scan# 956  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



Tgt Ion: 49 Resp: 58818  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 4.6  
130 95.0 72.0 108.0





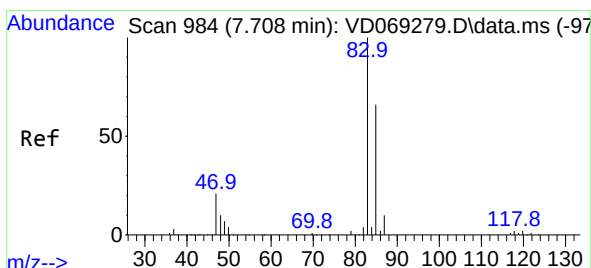
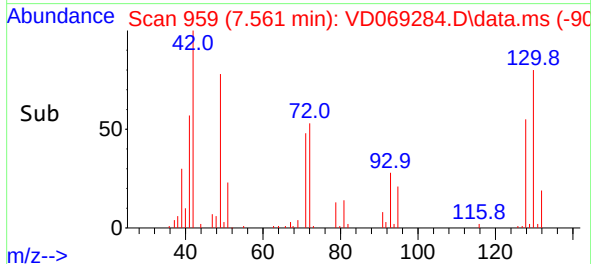
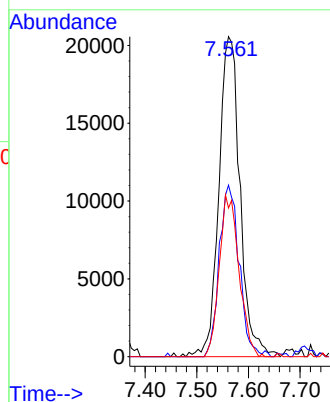
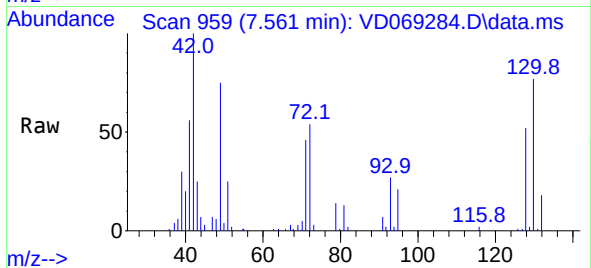
#29  
Tetrahydrofuran  
Concen: 103.11 ug/l  
RT: 7.561 min Scan# 959  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 42 Resp: 58402  
Ion Ratio Lower Upper  
42 100  
72 50.2 41.0 61.6  
71 47.1 38.9 58.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

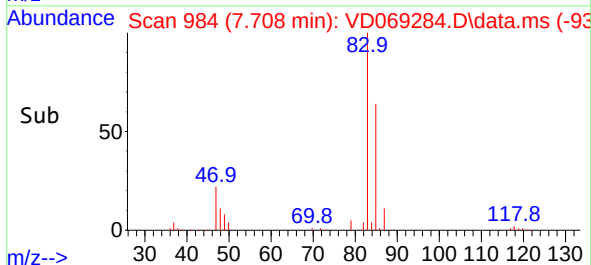
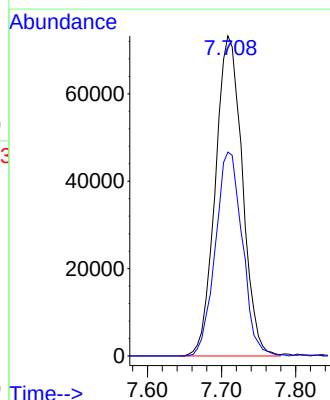
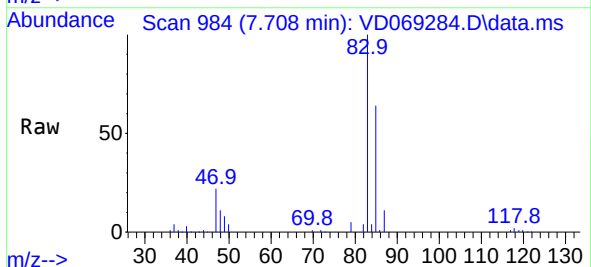
Manual Integrations  
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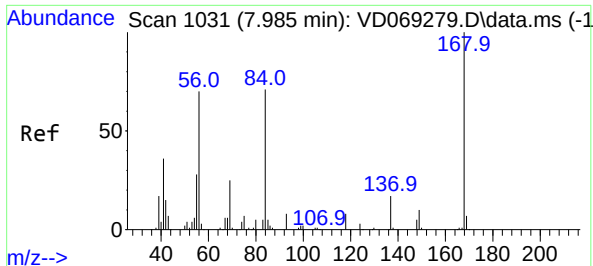
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6/2/2021 6:46:39 PM



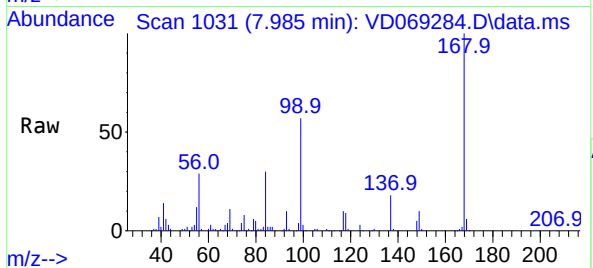
#30  
Chloroform  
Concen: 19.47 ug/l  
RT: 7.708 min Scan# 984  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 83 Resp: 185200  
Ion Ratio Lower Upper  
83 100  
85 63.7 52.6 78.8

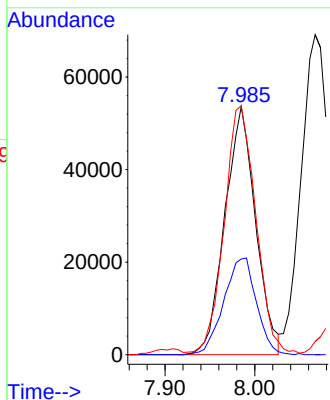
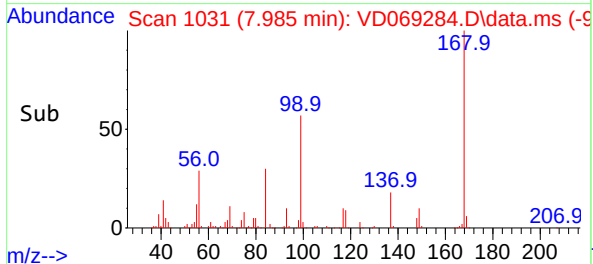




#31  
Cyclohexane  
Concen: 18.71 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



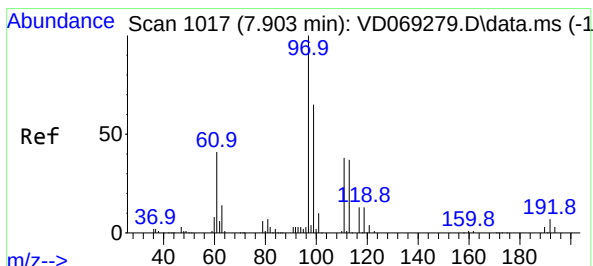
Tgt Ion: 56 Resp: 127587  
Ion Ratio Lower Upper  
56 100  
69 38.6 29.0 43.4  
84 98.3 81.1 121.7



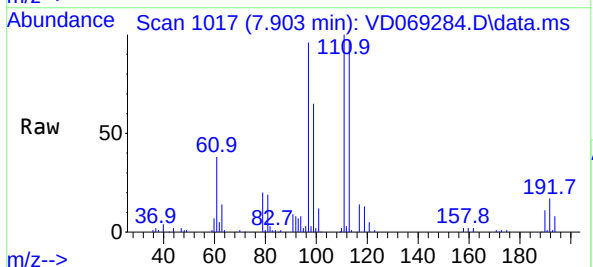
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

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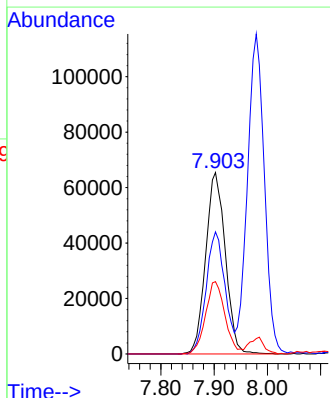
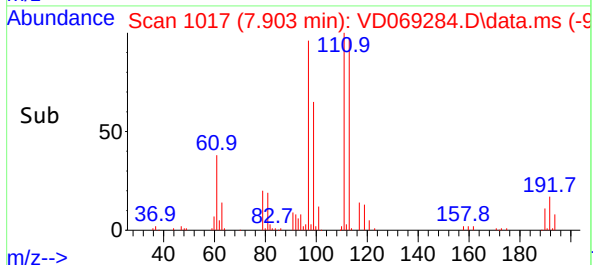
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6/2/2021 6:46:39 PM

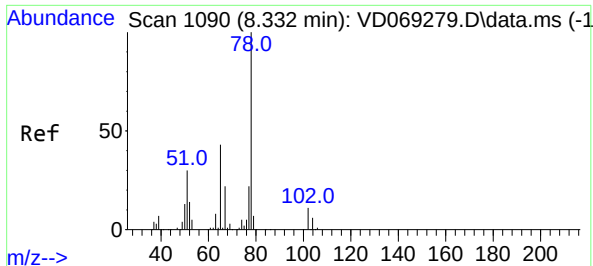


#32  
1,1,1-Trichloroethane  
Concen: 19.56 ug/l  
RT: 7.903 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



Tgt Ion: 97 Resp: 167882  
Ion Ratio Lower Upper  
97 100  
99 64.4 51.9 77.9  
61 39.7 31.8 47.6





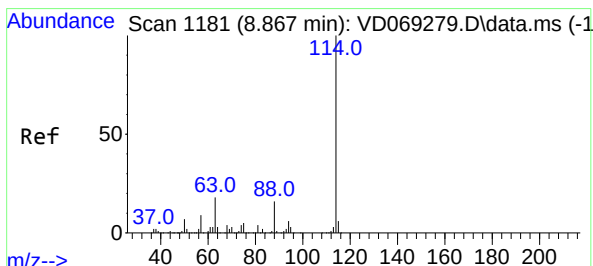
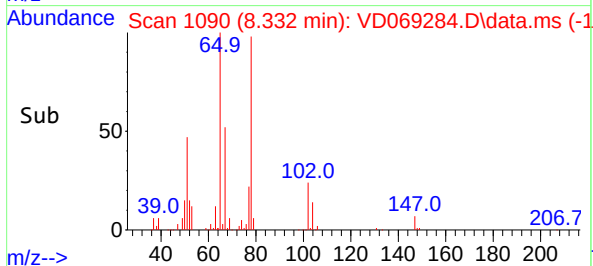
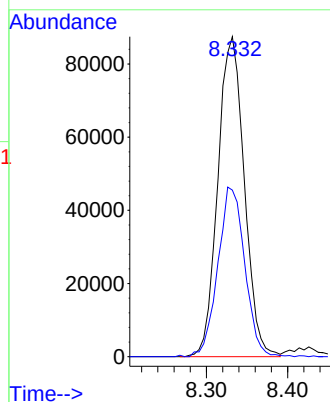
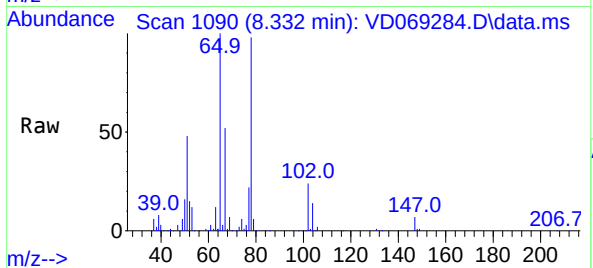
#33  
1,2-Dichloroethane-d4  
Concen: 46.16 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 65 Resp: 198074  
Ion Ratio Lower Upper  
65 100  
67 53.9 0.0 105.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

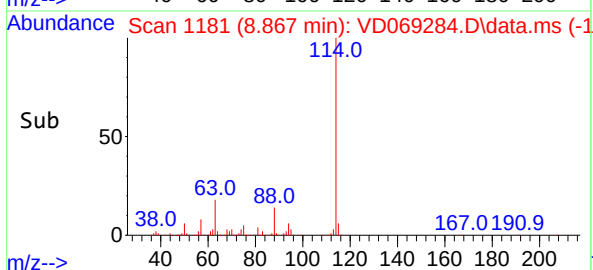
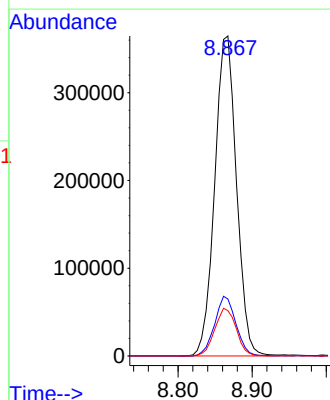
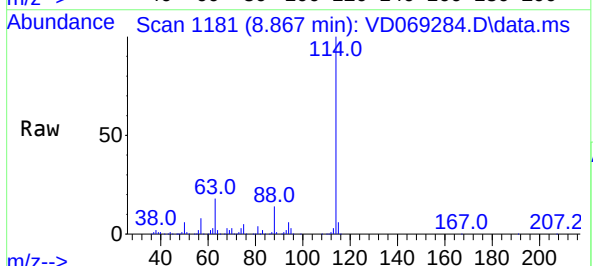
Manual Integrations  
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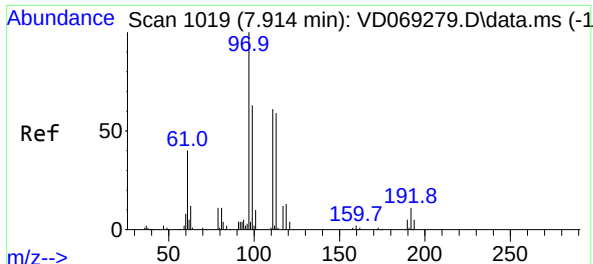
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6/2/2021 6:46:39 PM



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 114 Resp: 743653  
Ion Ratio Lower Upper  
114 100  
63 17.8 0.0 35.6  
88 14.2 0.0 31.2





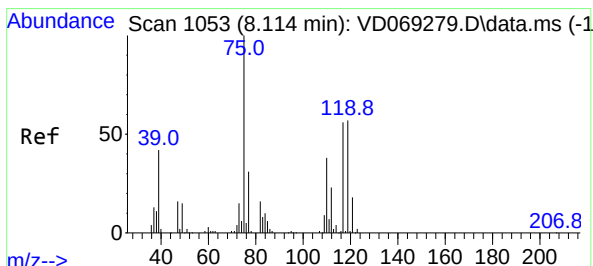
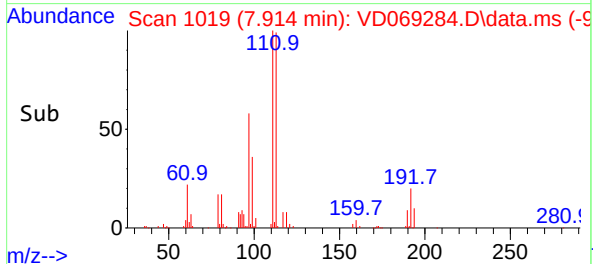
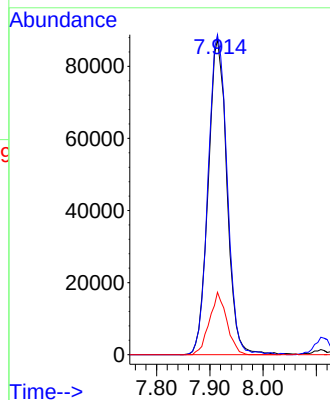
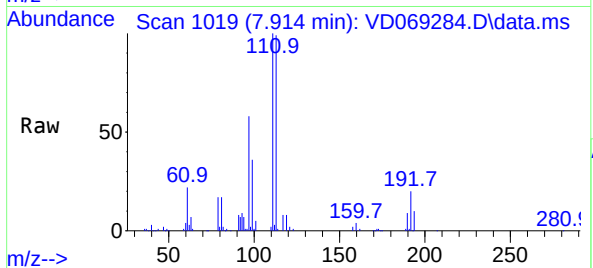
#35  
Dibromofluoromethane  
Concen: 45.61 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 113 Resp: 212994  
Ion Ratio Lower Upper  
113 100  
111 102.9 83.0 124.6  
192 18.4 15.1 22.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

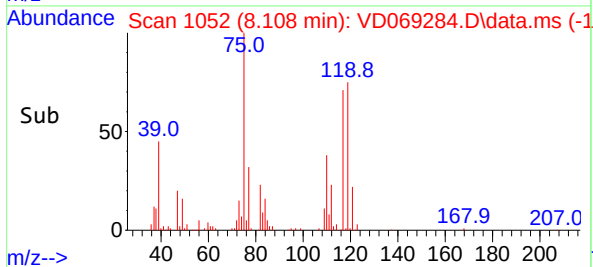
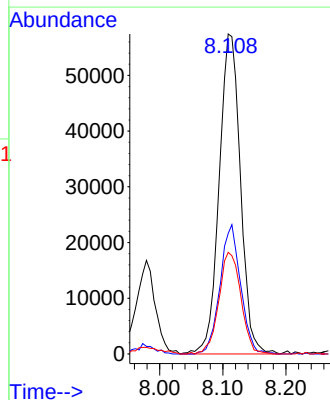
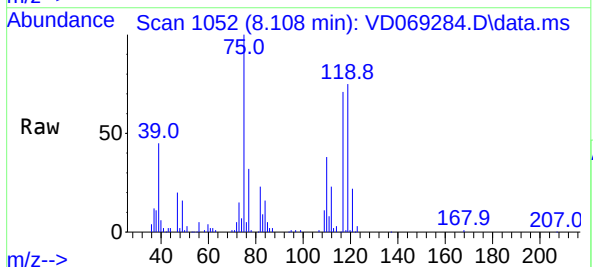
Manual Integrations  
APPROVED

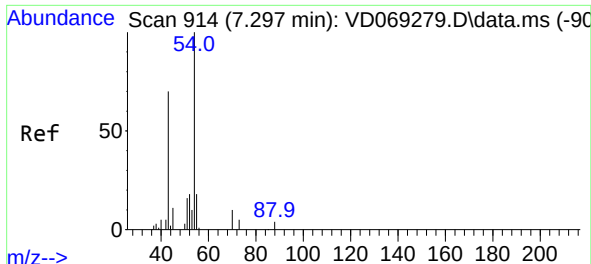
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6/2/2021 6:46:39 PM



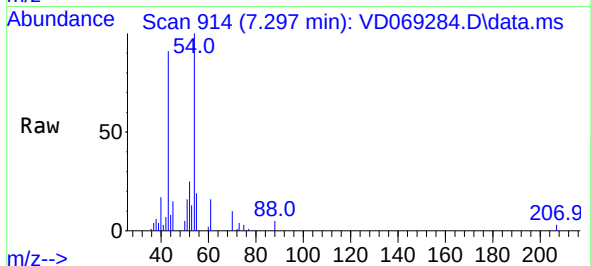
#36  
1,1-Dichloropropene  
Concen: 18.61 ug/l  
RT: 8.108 min Scan# 1052  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 75 Resp: 134488  
Ion Ratio Lower Upper  
75 100  
110 39.1 18.4 55.2  
77 32.9 24.9 37.3

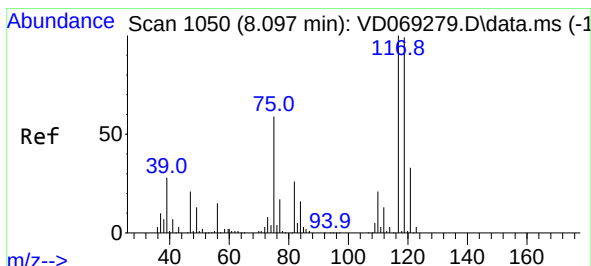
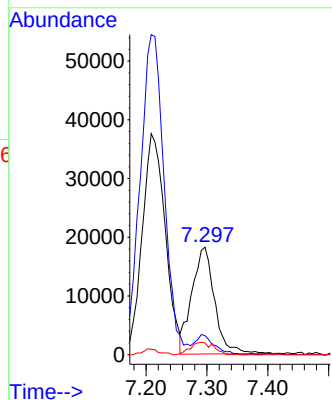
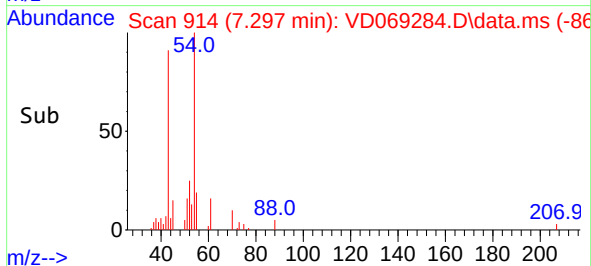




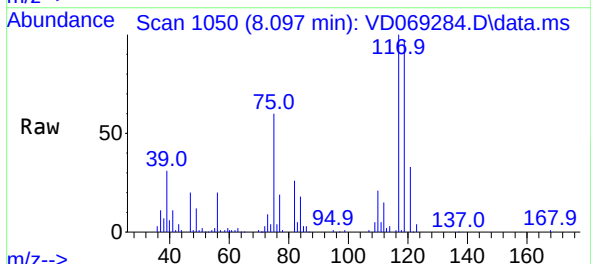
#37  
Ethyl Acetate  
Concen: 19.17 ug/l  
RT: 7.297 min Scan# 914  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



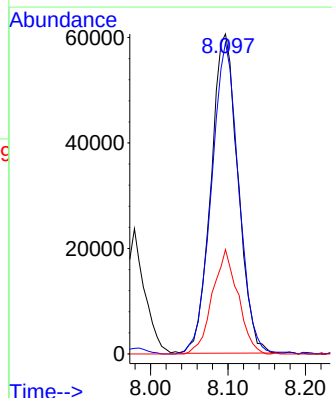
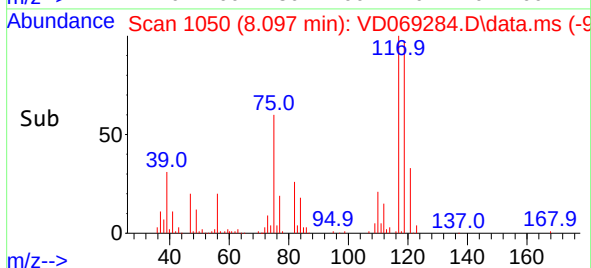
Tgt Ion: 43 Resp: 47060  
Ion Ratio Lower Upper  
43 100  
61 15.3 11.0 16.6  
70 11.8 9.7 14.5



#38  
Carbon Tetrachloride  
Concen: 18.83 ug/l  
RT: 8.097 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



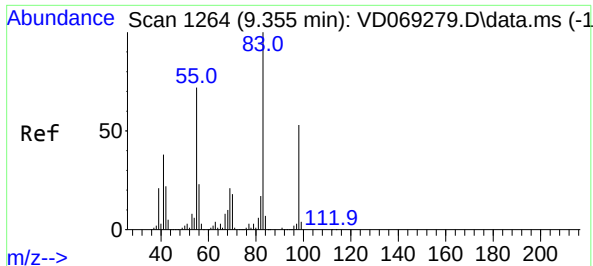
Tgt Ion: 117 Resp: 146935  
Ion Ratio Lower Upper  
117 100  
119 97.2 79.4 119.2  
121 32.7 26.1 39.1



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

Manual Integrations  
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6/2/2021 6:46:39 PM



#39

Methylcyclohexane

Concen: 19.29 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD069284.D

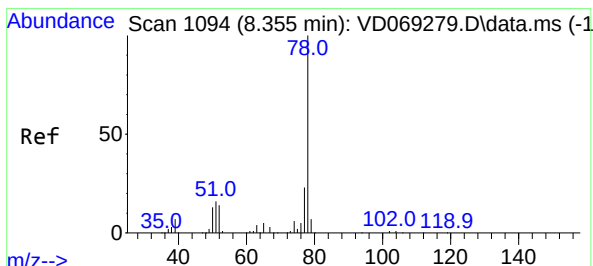
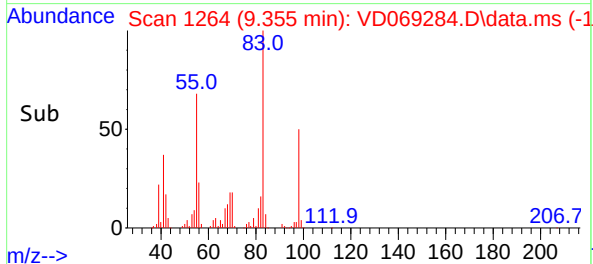
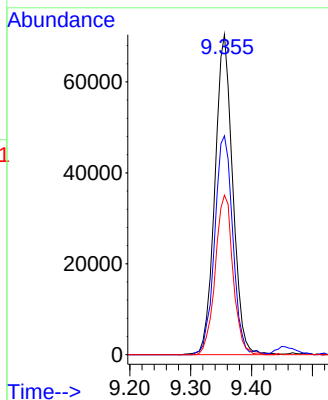
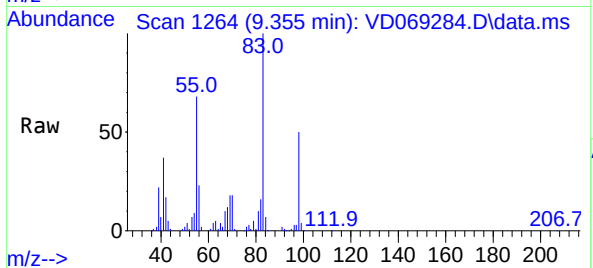
Acq: 01 Jun 2021 15:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 142606 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 68.4  | 57.4  | 86.2   |
| 98       | 49.8  | 42.2  | 63.2   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

Manual Integrations  
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6/2/2021 6:46:39 PM



#40

Benzene

Concen: 19.18 ug/l

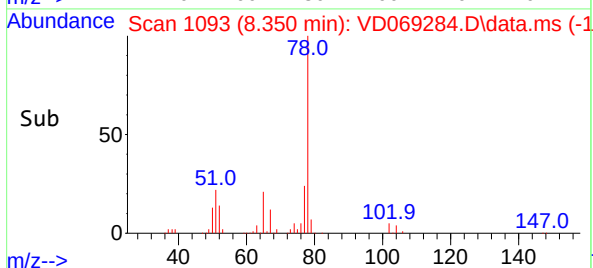
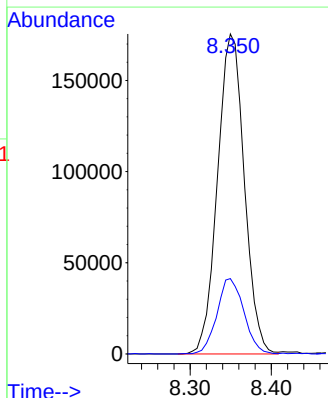
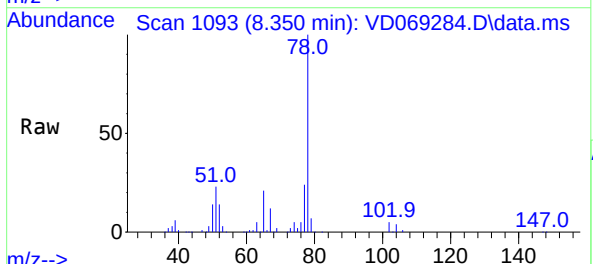
RT: 8.350 min Scan# 1093

Delta R.T. -0.006 min

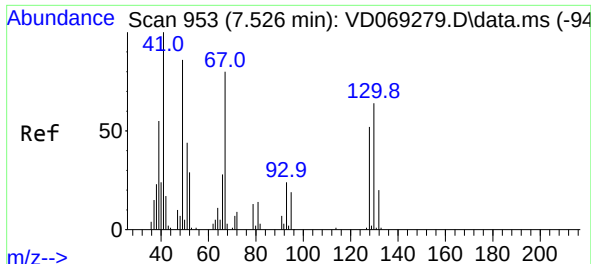
Lab File: VD069284.D

Acq: 01 Jun 2021 15:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 402579 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 23.5  | 18.7  | 28.1   |







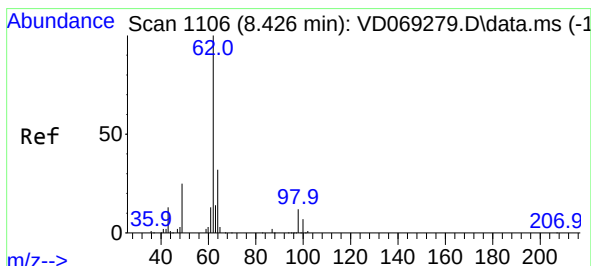
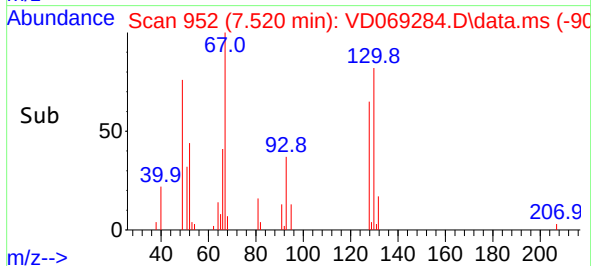
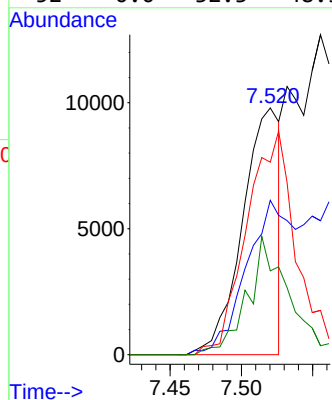
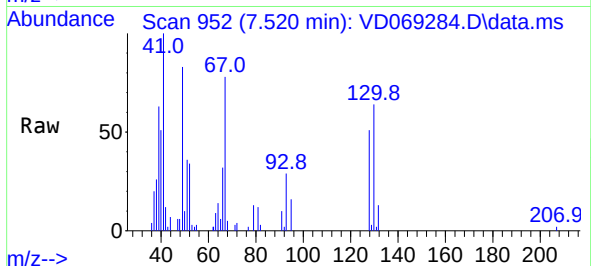
#41  
Methacrylonitrile  
Concen: 15.07 ug/l m  
RT: 7.520 min Scan# 952  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 17957  |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 0.0   | 50.6  | 76.0#  |
| 67       | 0.0   | 86.2  | 129.4# |
| 52       | 0.0   | 32.3  | 48.5#  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

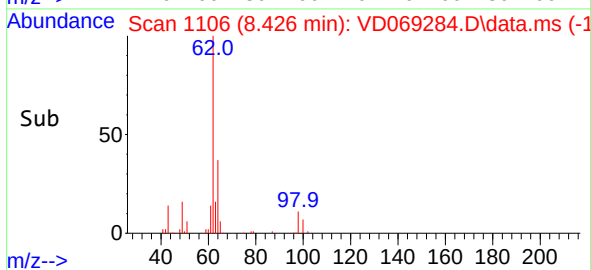
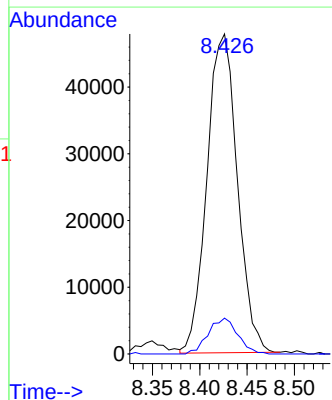
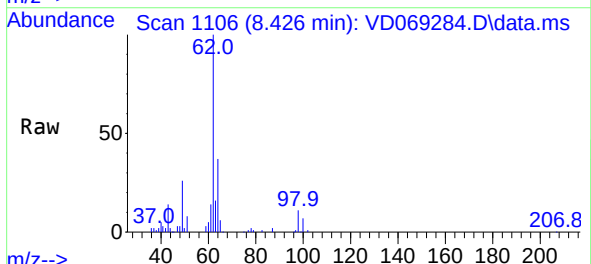
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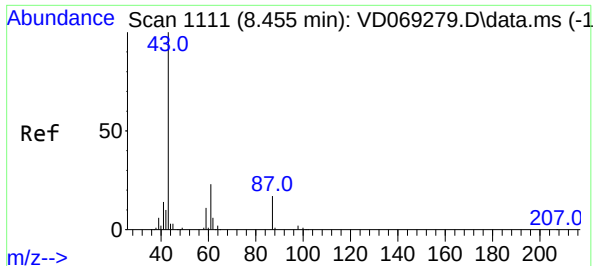
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6/2/2021 6:46:39 PM



#42  
1,2-Dichloroethane  
Concen: 19.07 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 106857 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.9  | 0.0   | 21.4   |





#43

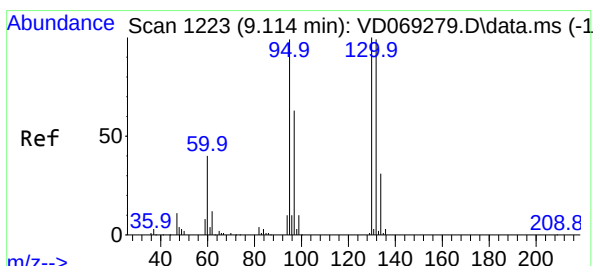
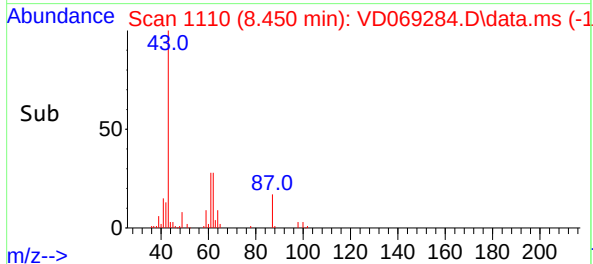
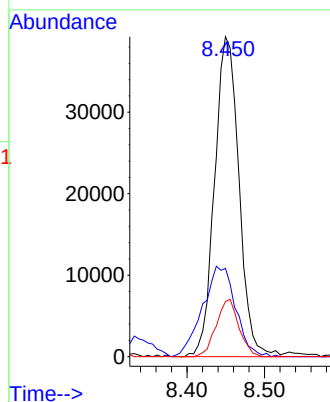
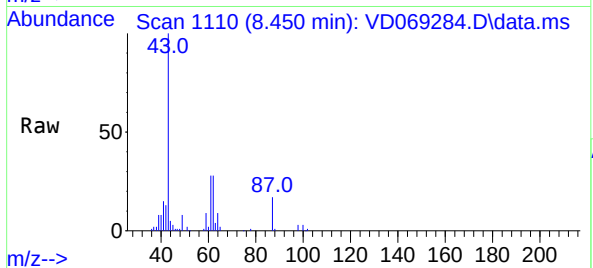
Isopropyl Acetate  
Concen: 19.23 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 85911 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 38.3  | 29.0  | 43.6  |
| 87        | 16.7  | 12.7  | 19.1  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

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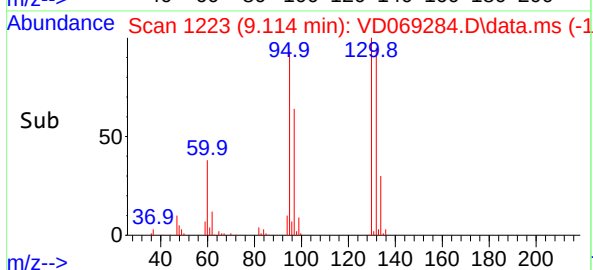
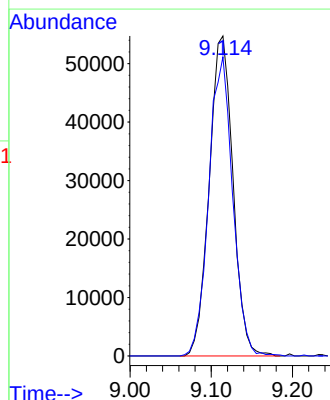
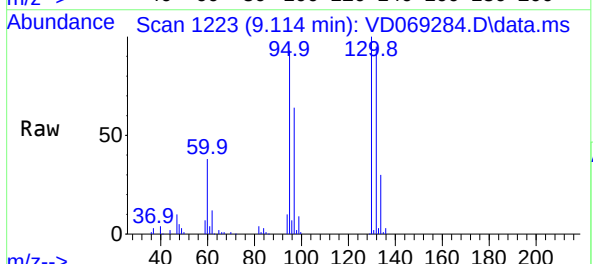
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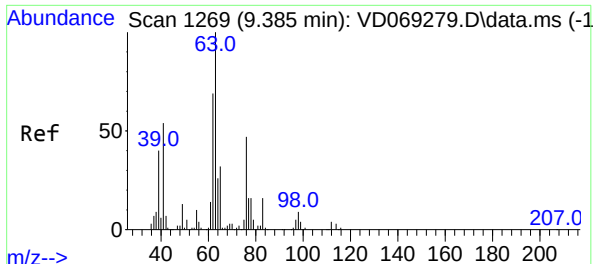


#44

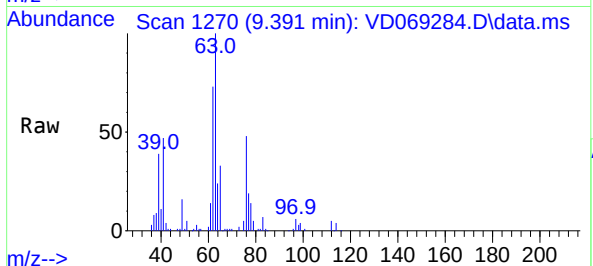
Trichloroethene  
Concen: 19.50 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 130   | Resp: | 111216 |
| Ion Ratio | Lower | Upper |        |
| 130       | 100   |       |        |
| 95        | 93.5  | 0.0   | 198.8  |

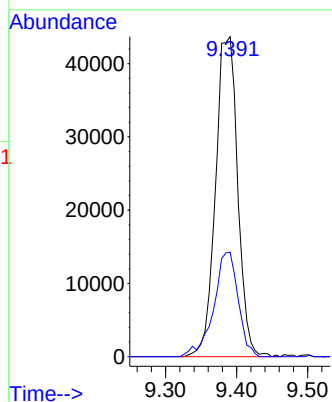




#45  
1,2-Dichloropropane  
Concen: 18.92 ug/l  
RT: 9.391 min Scan# 1270  
Delta R.T. 0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



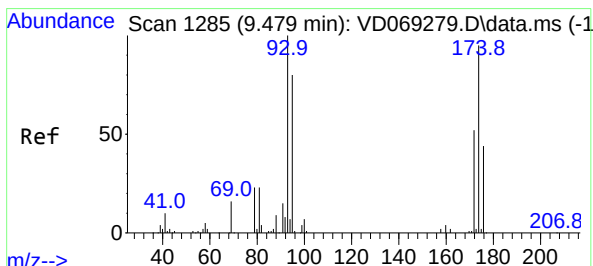
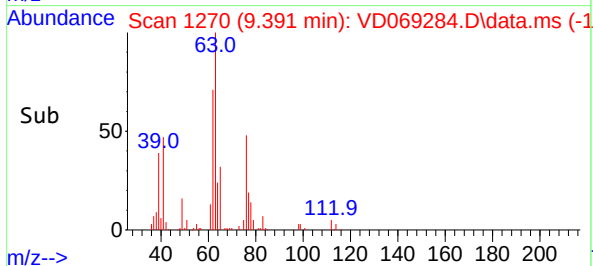
Tgt Ion: 63 Resp: 94584  
Ion Ratio Lower Upper  
63 100  
65 32.7 25.3 37.9



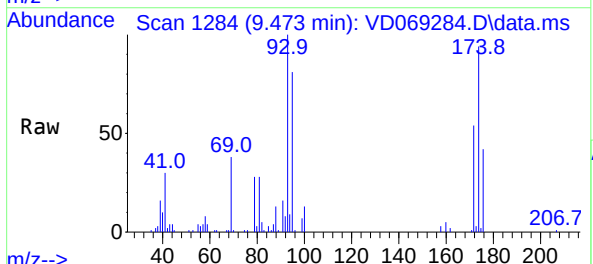
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

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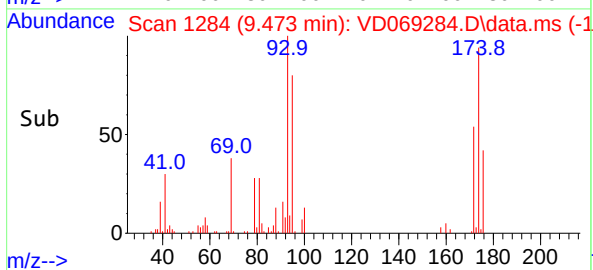
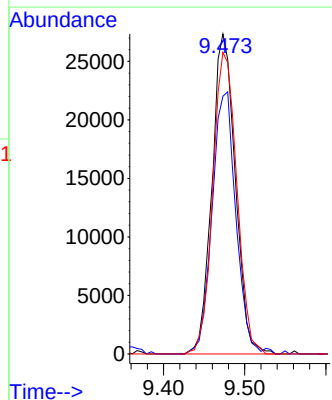
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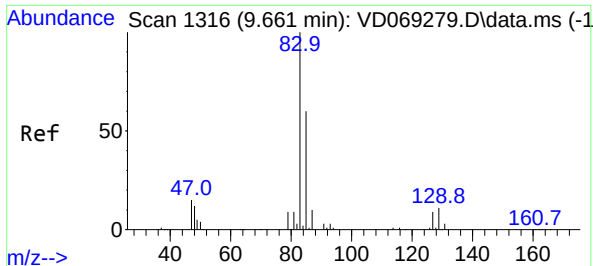


#46  
Dibromomethane  
Concen: 19.11 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



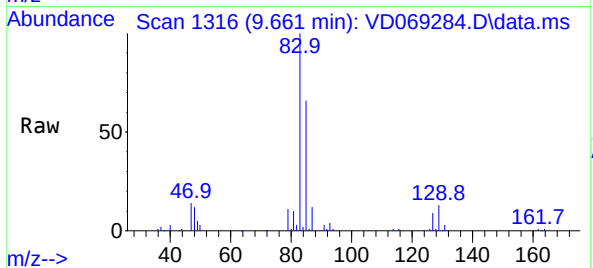
Tgt Ion: 93 Resp: 54600  
Ion Ratio Lower Upper  
93 100  
95 83.8 63.4 95.2  
174 97.0 74.5 111.7





#47  
Bromodichloromethane  
Concen: 19.39 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

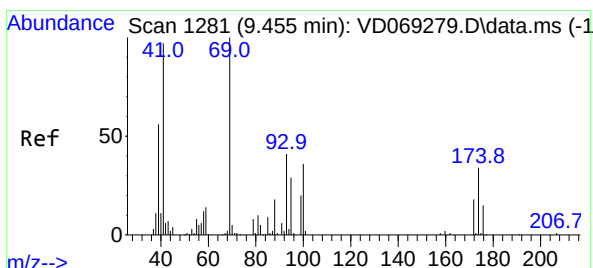
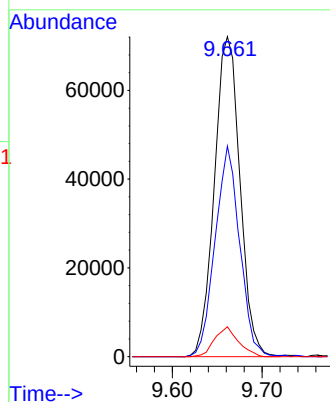
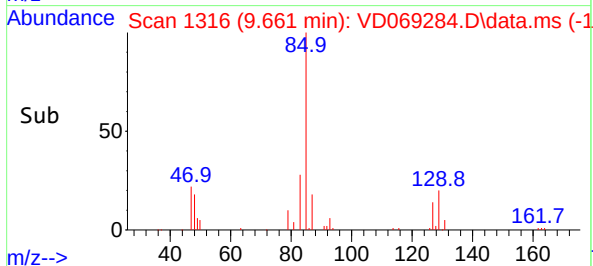
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01



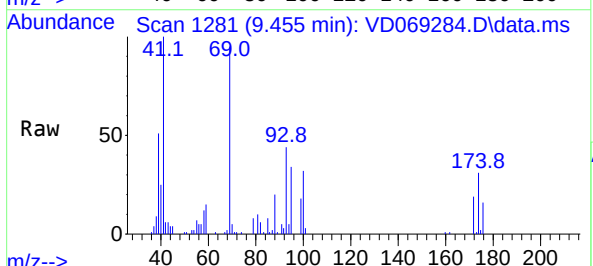
Tgt Ion: 83 Resp: 142827  
Ion Ratio Lower Upper  
83 100  
85 65.8 48.2 72.2  
127 9.4 7.1 10.7

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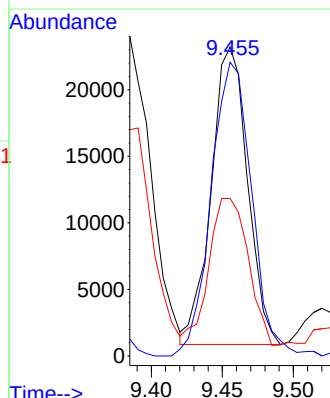
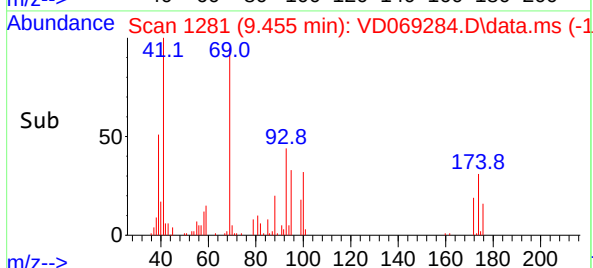
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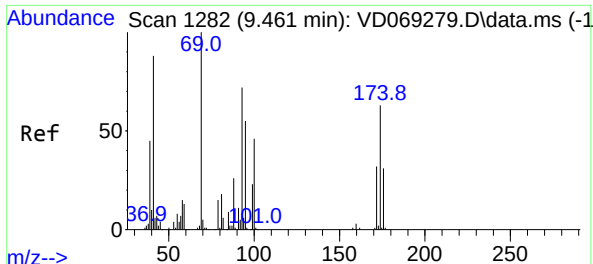


#48  
Methyl methacrylate  
Concen: 19.10 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. 0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



Tgt Ion: 41 Resp: 39606  
Ion Ratio Lower Upper  
41 100  
69 110.9 77.6 116.4  
39 62.2 45.3 67.9





#49  
1,4-Dioxane  
Concen: 405.30 ug/l  
RT: 9.467 min Scan# 1283  
Delta R.T. 0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

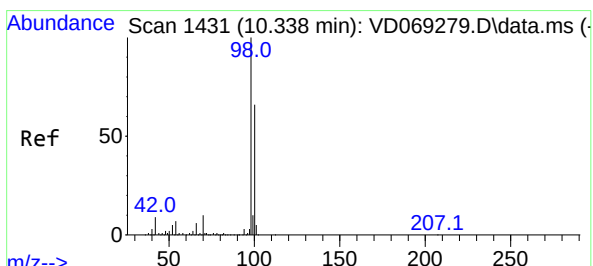
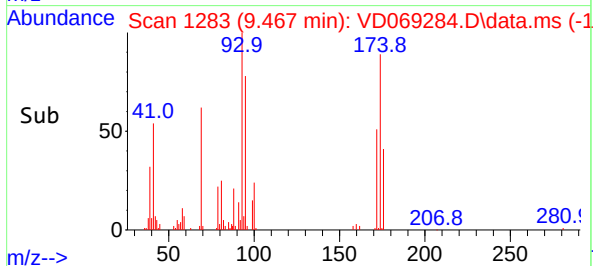
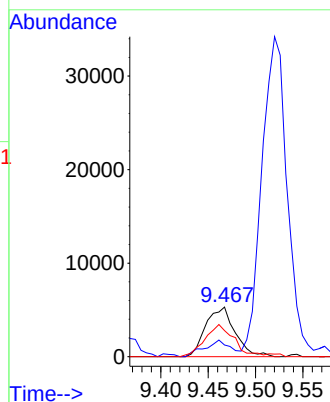
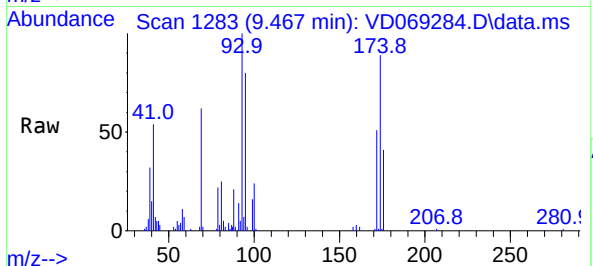
Tgt Ion: 88 Resp: 11374

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 30.3  | 25.4  | 38.2  |
| 58  | 64.2  | 50.2  | 75.4  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

Manual Integrations  
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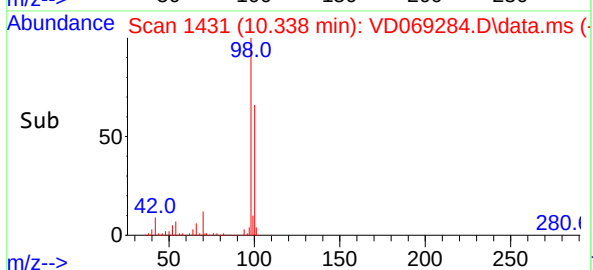
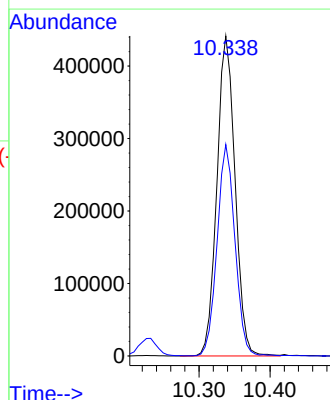
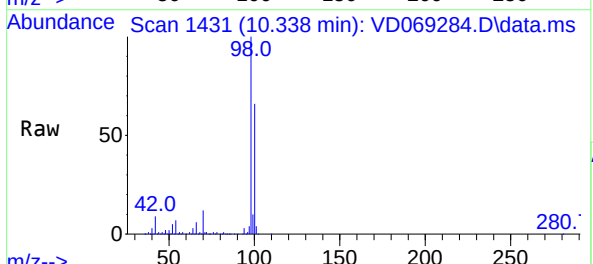
MMDadoda  
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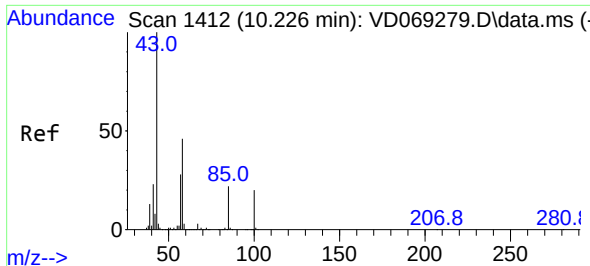


#50  
Toluene-d8  
Concen: 46.04 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 98 Resp: 781791

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 64.8  | 52.1  | 78.1  |





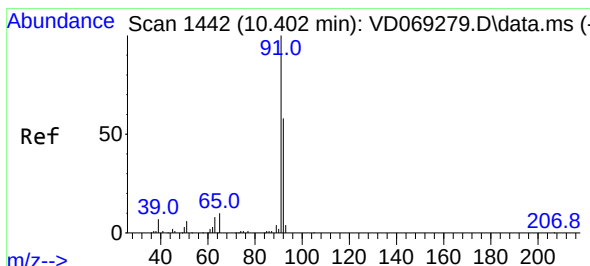
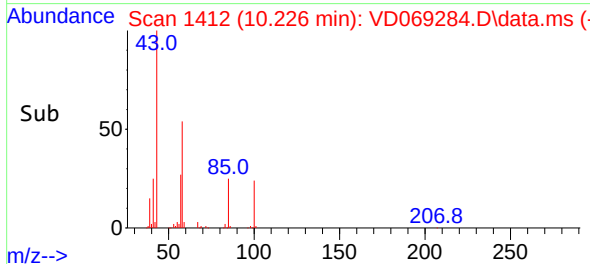
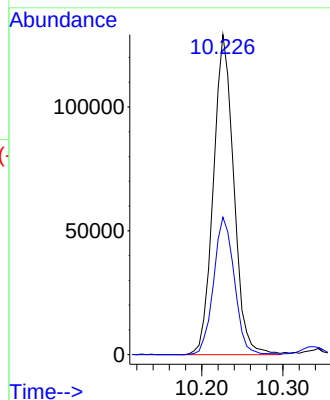
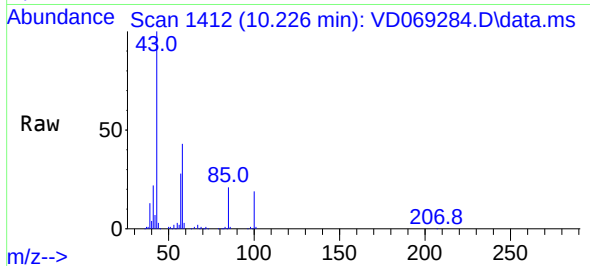
#51  
4-Methyl-2-Pentanone  
Concen: 97.87 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 43 Resp: 225795  
Ion Ratio Lower Upper  
43 100  
58 43.6 35.1 52.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

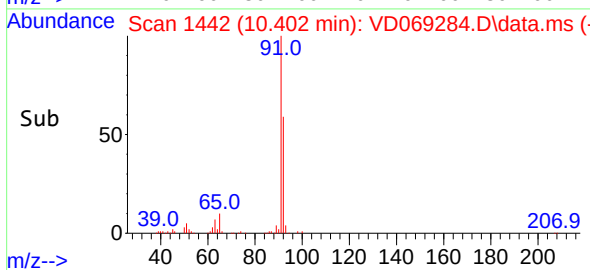
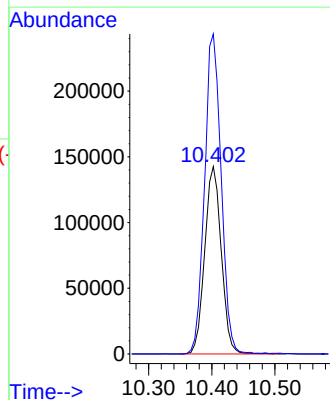
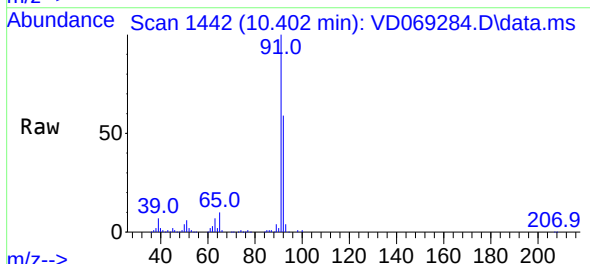
Manual Integrations  
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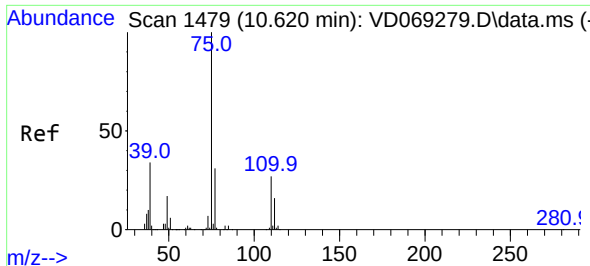
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#52  
Toluene  
Concen: 19.59 ug/l  
RT: 10.402 min Scan# 1442  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 92 Resp: 259534  
Ion Ratio Lower Upper  
92 100  
91 171.3 138.4 207.6





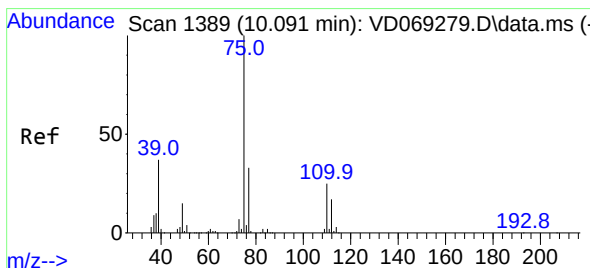
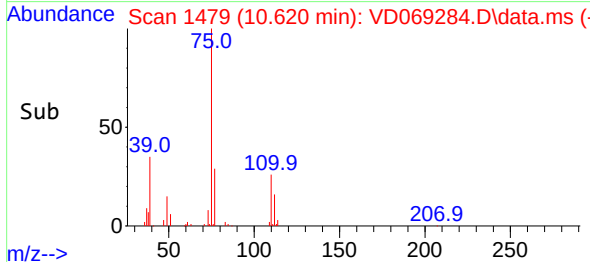
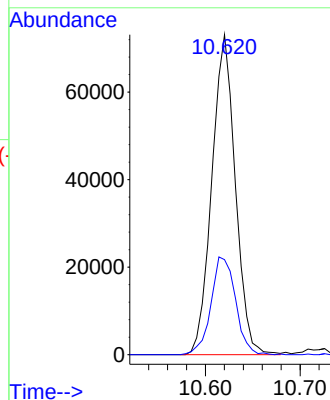
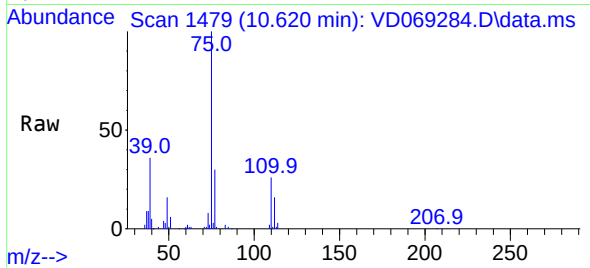
#53  
t-1,3-Dichloropropene  
Concen: 19.15 ug/l  
RT: 10.620 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 75 Resp: 126019  
Ion Ratio Lower Upper  
75 100  
77 29.7 25.1 37.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

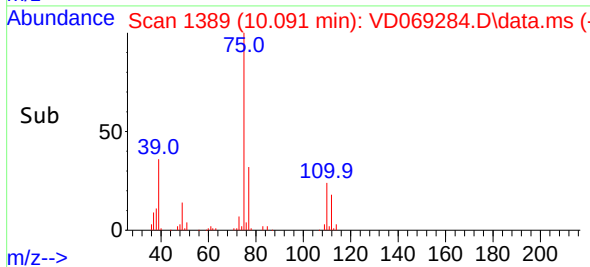
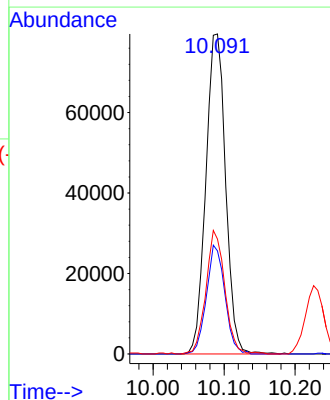
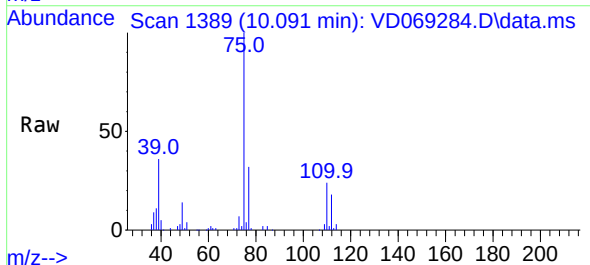
Manual Integrations  
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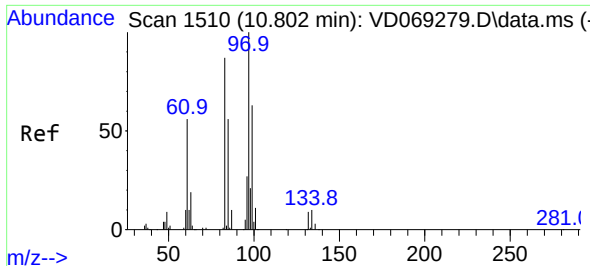
MMDadoda  
6/2/2021 6:46:39 PM



#54  
cis-1,3-Dichloropropene  
Concen: 19.63 ug/l  
RT: 10.091 min Scan# 1389  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

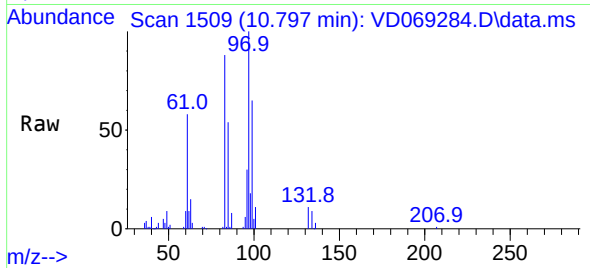
Tgt Ion: 75 Resp: 153942  
Ion Ratio Lower Upper  
75 100  
77 32.2 26.2 39.2  
39 35.9 29.7 44.5





#55  
1,1,2-Trichloroethane  
Concen: 19.52 ug/l  
RT: 10.797 min Scan# 1509  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

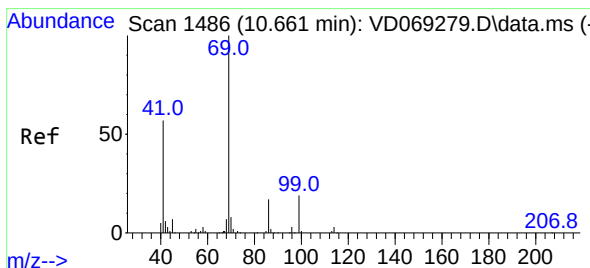
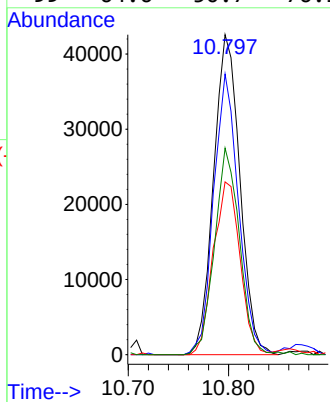
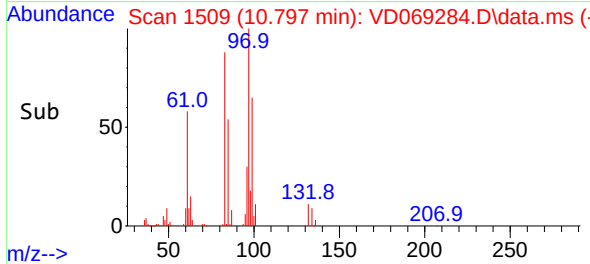


Tgt Ion: 97 Resp: 77369

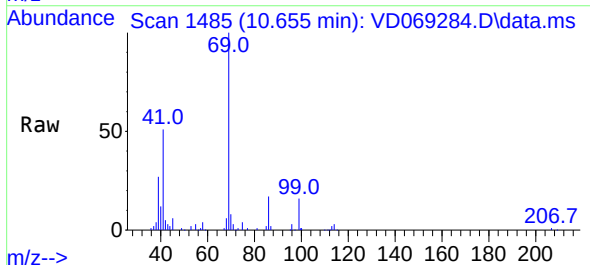
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.7  | 69.4  | 104.0 |
| 85  | 54.0  | 44.5  | 66.7  |
| 99  | 64.6  | 50.7  | 76.1  |

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6/2/2021 6:46:39 PM

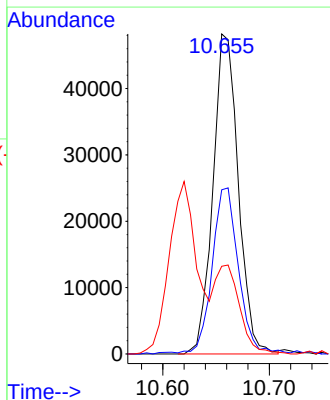
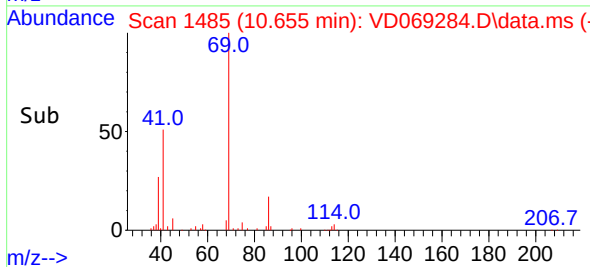


#56  
Ethyl methacrylate  
Concen: 19.31 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

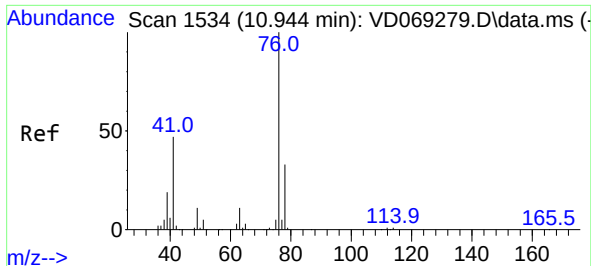


Tgt Ion: 69 Resp: 79540

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 54.4  | 45.4  | 68.2  |
| 39  | 27.3  | 21.7  | 32.5  |

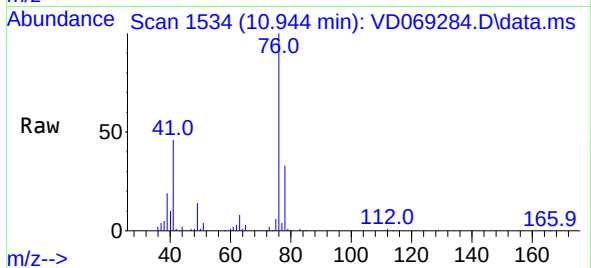






#57  
1,3-Dichloropropane  
Concen: 19.46 ug/l  
RT: 10.944 min Scan# 1534  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

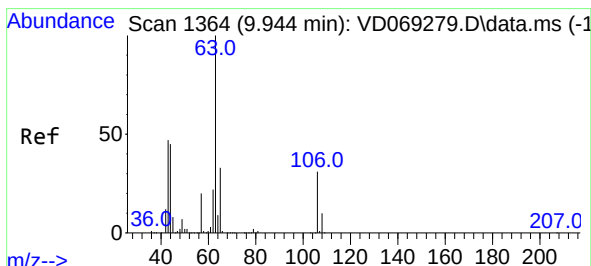
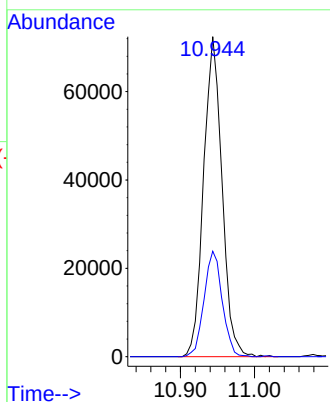
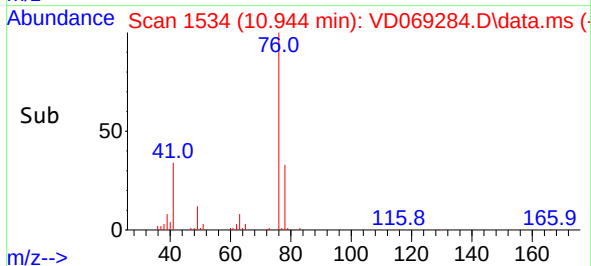
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01



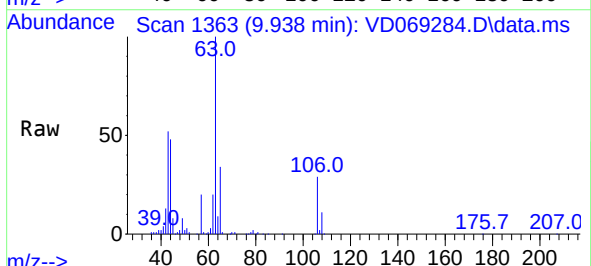
Tgt Ion: 76 Resp: 125039  
Ion Ratio Lower Upper  
76 100  
78 32.5 26.2 39.2

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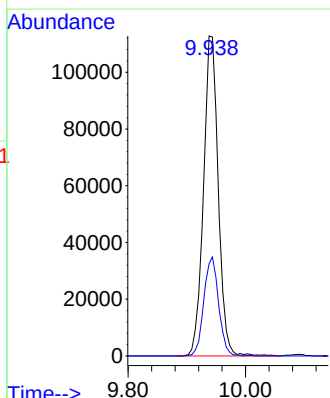
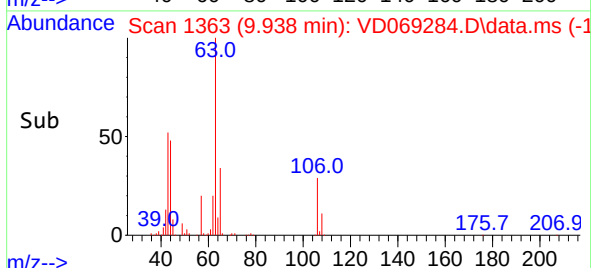
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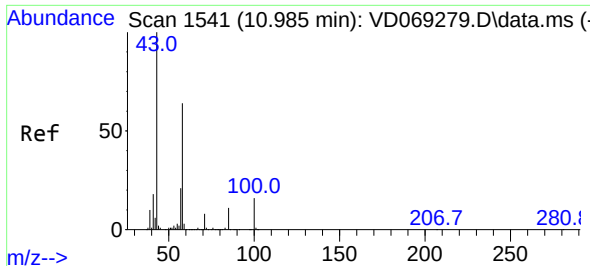


#58  
2-Chloroethyl Vinyl ether  
Concen: 106.14 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



Tgt Ion: 63 Resp: 196948  
Ion Ratio Lower Upper  
63 100  
106 30.8 24.8 37.2





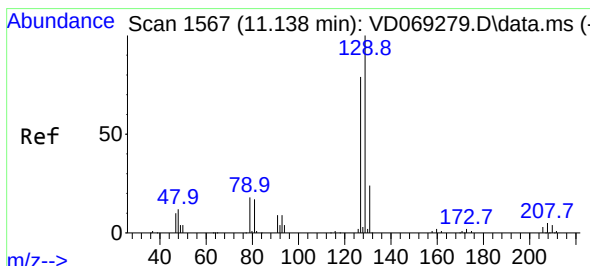
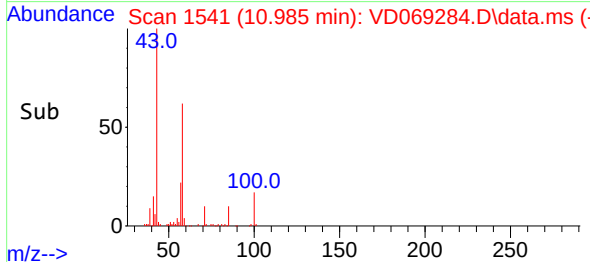
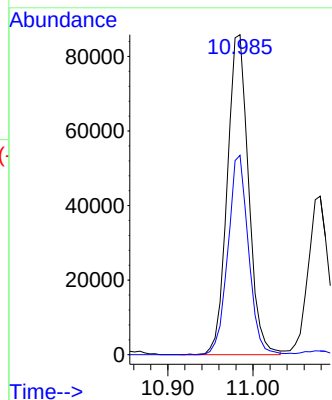
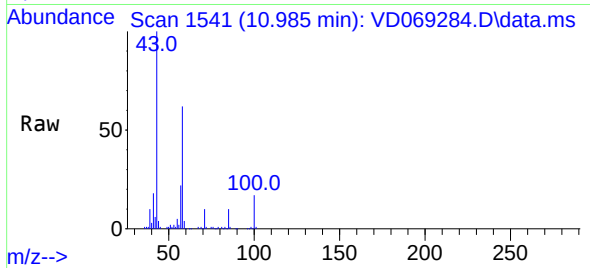
#59  
2-Hexanone  
Concen: 96.84 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 43 Resp: 149353  
Ion Ratio Lower Upper  
43 100  
58 60.1 30.8 92.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

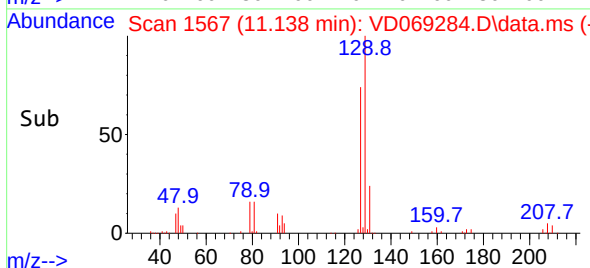
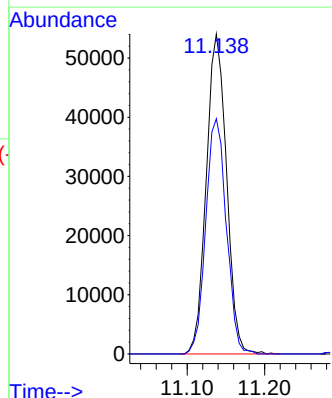
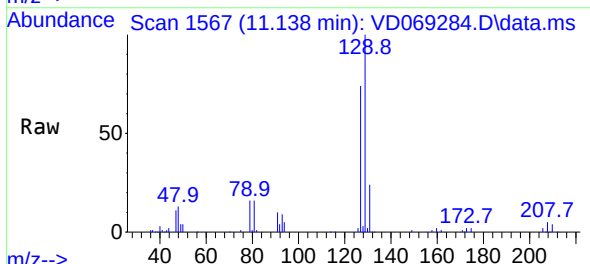
Manual Integrations  
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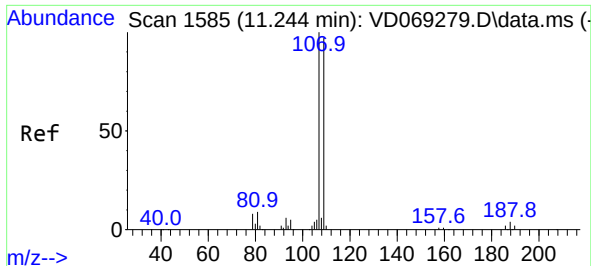
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6/2/2021 6:46:39 PM



#60  
Dibromochloromethane  
Concen: 19.65 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

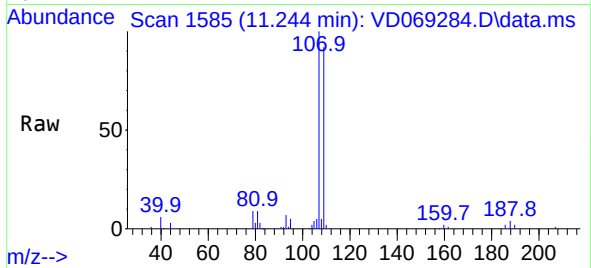
Tgt Ion: 129 Resp: 98111  
Ion Ratio Lower Upper  
129 100  
127 74.6 39.6 118.7





#61  
1,2-Dibromoethane  
Concen: 19.51 ug/l  
RT: 11.244 min Scan# 1585  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

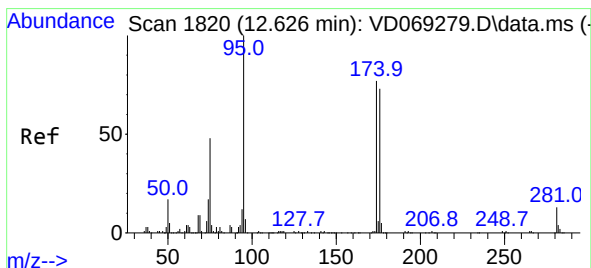
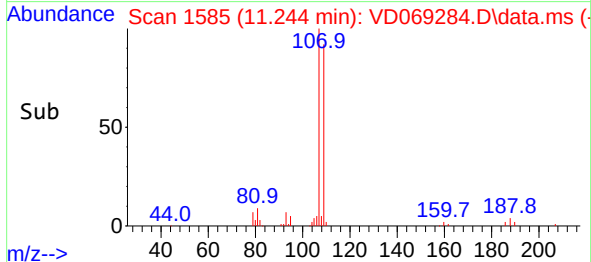
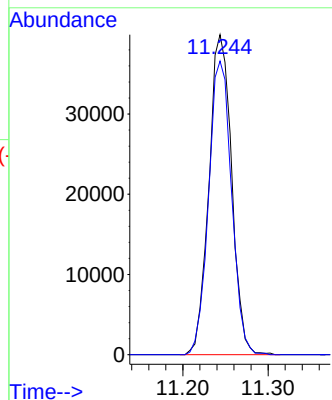
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01



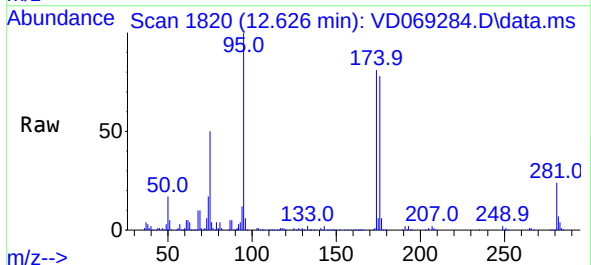
Tgt Ion:107 Resp: 73747  
Ion Ratio Lower Upper  
107 100  
109 92.7 75.9 113.9

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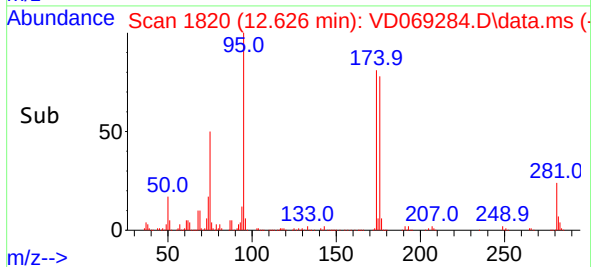
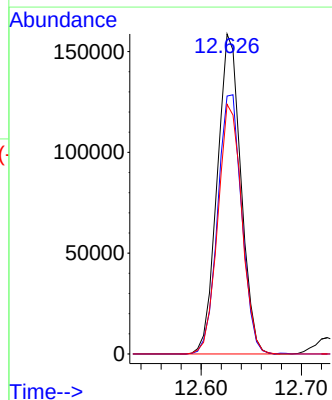
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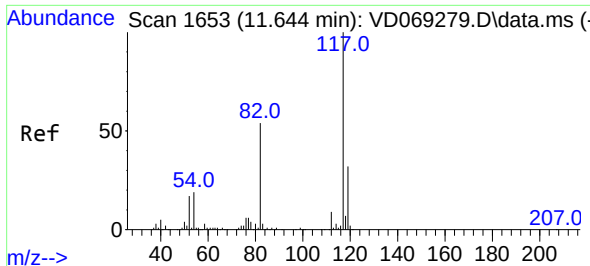


#62  
4-Bromofluorobenzene  
Concen: 46.67 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



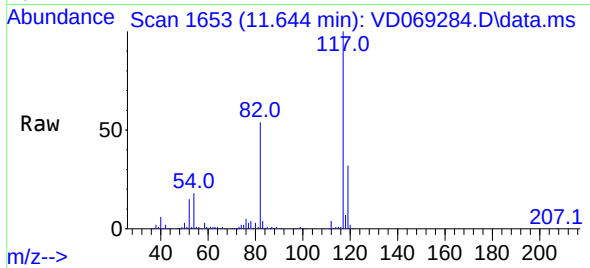
Tgt Ion: 95 Resp: 259702  
Ion Ratio Lower Upper  
95 100  
174 82.2 0.0 162.8  
176 79.1 0.0 154.4





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

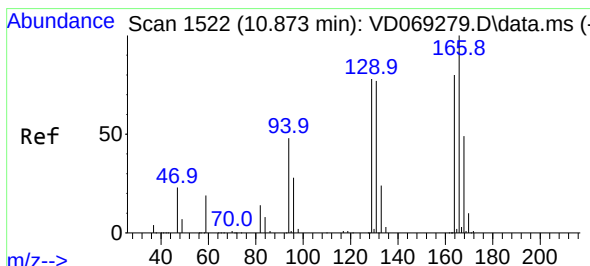
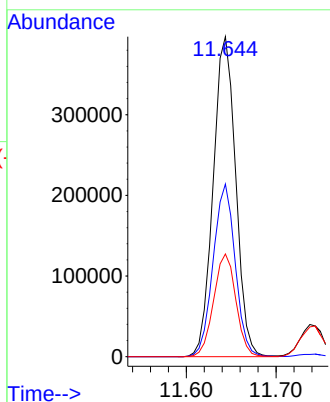
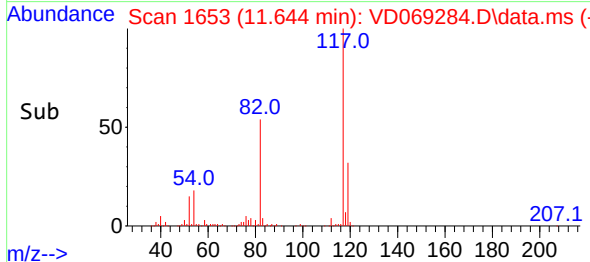
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01



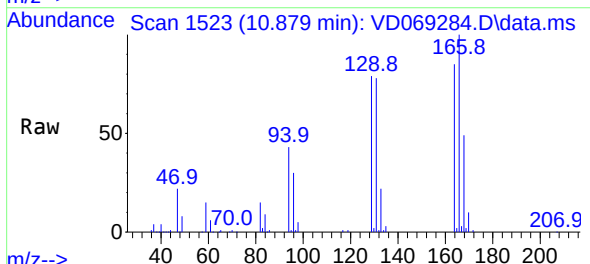
Tgt Ion:117 Resp: 691641  
Ion Ratio Lower Upper  
117 100  
82 53.9 43.3 64.9  
119 32.1 25.3 37.9

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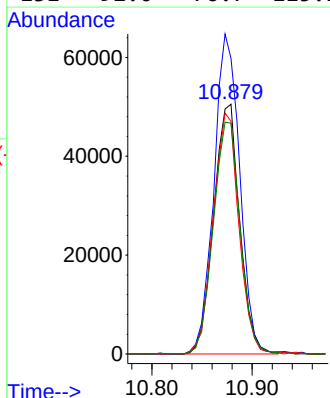
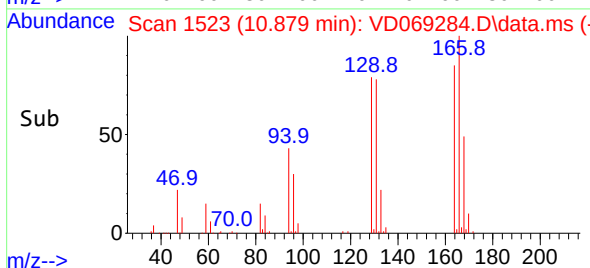
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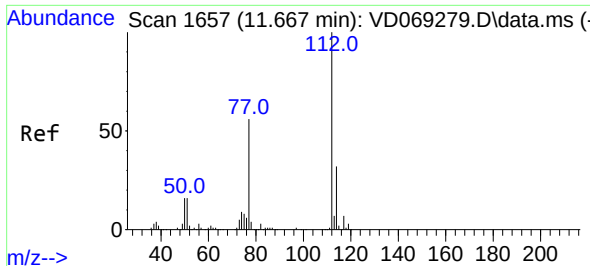


#64  
Tetrachloroethene  
Concen: 18.94 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. 0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

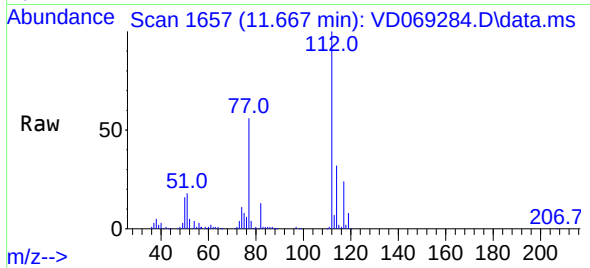


Tgt Ion:164 Resp: 91172  
Ion Ratio Lower Upper  
164 100  
166 118.3 100.2 150.4  
129 93.1 78.1 117.1  
131 92.0 76.7 115.1

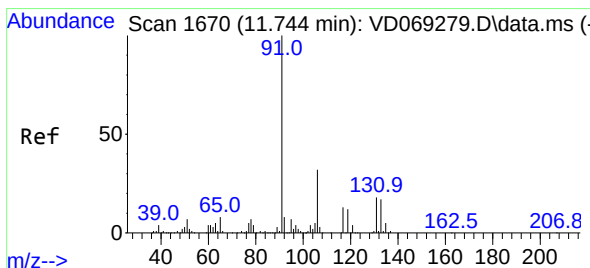
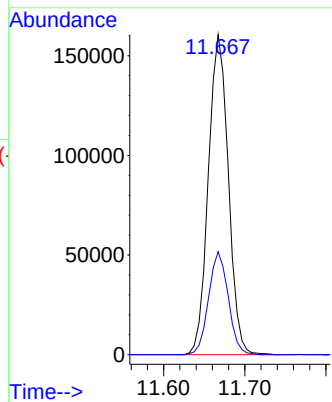
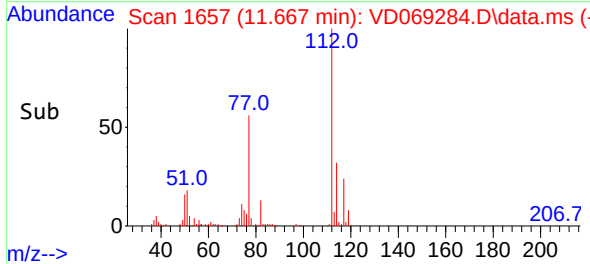




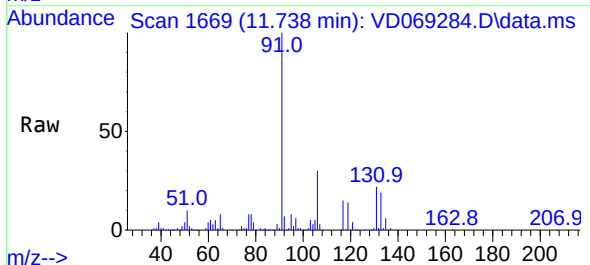
#65  
Chlorobenzene  
Concen: 19.42 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



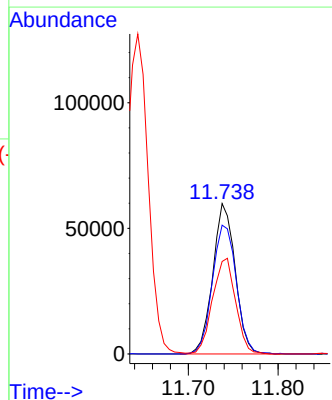
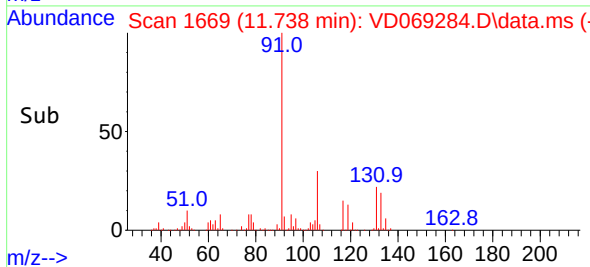
Tgt Ion:112 Resp: 274541  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.60 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



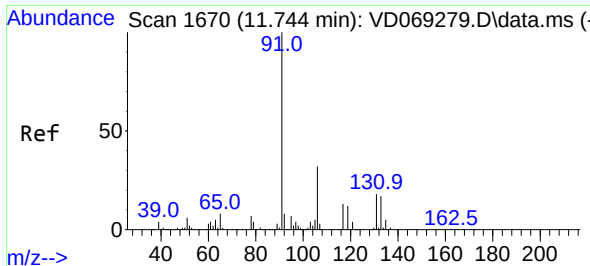
Tgt Ion:131 Resp: 103799  
Ion Ratio Lower Upper  
131 100  
133 92.0 47.4 142.2  
119 65.5 32.8 98.3



Instrument :  
MSVOA\_D  
ClientSampleId :  
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6/2/2021 6:46:39 PM



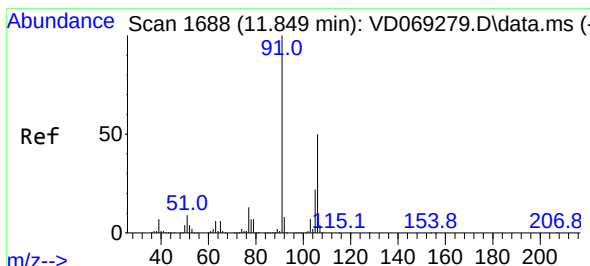
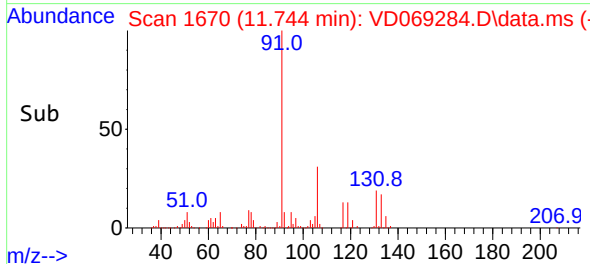
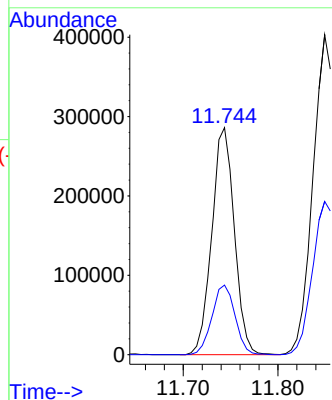
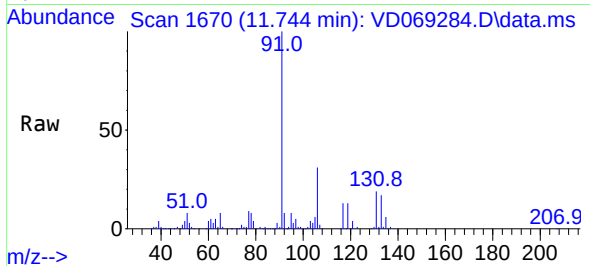
#67  
Ethyl Benzene  
Concen: 19.50 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 91 Resp: 473495  
Ion Ratio Lower Upper  
91 100  
106 30.7 25.9 38.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

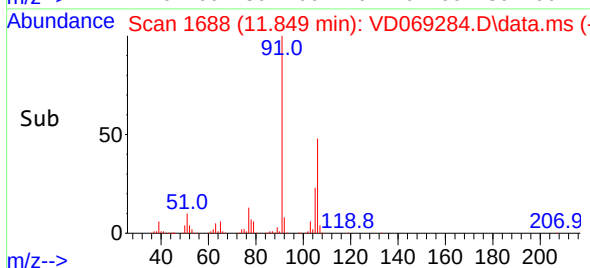
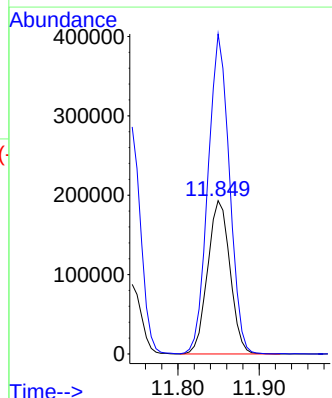
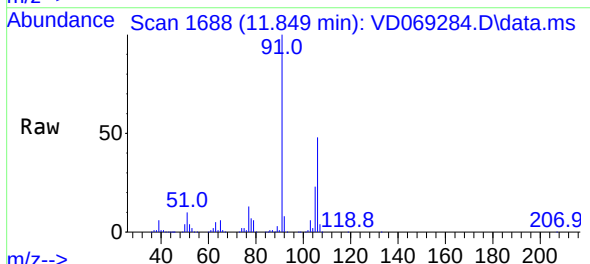
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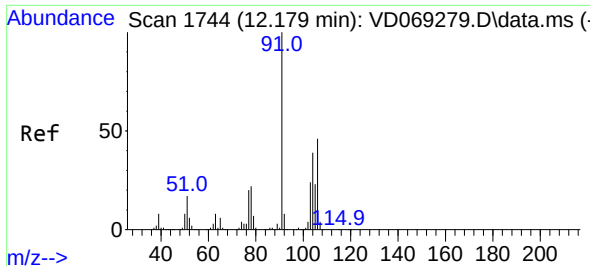
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6/2/2021 6:46:39 PM



#68  
m/p-Xylenes  
Concen: 38.79 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 106 Resp: 369063  
Ion Ratio Lower Upper  
106 100  
91 200.2 158.3 237.5





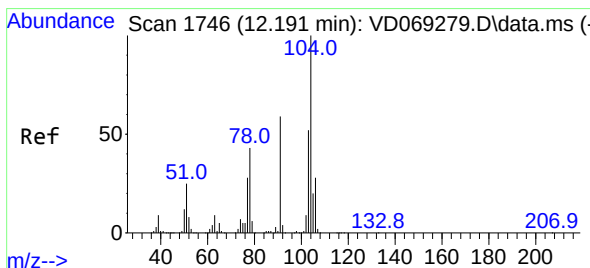
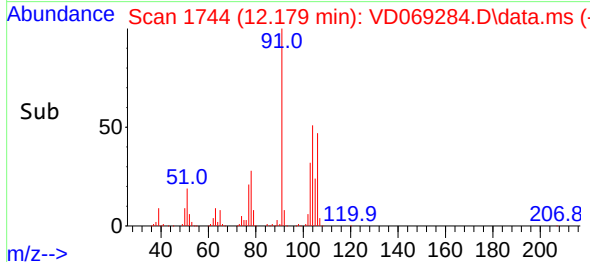
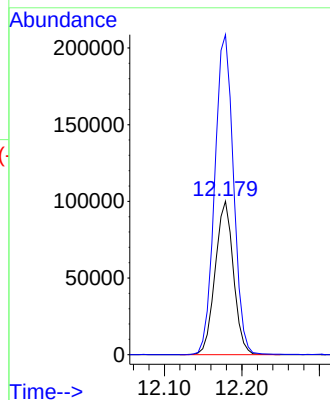
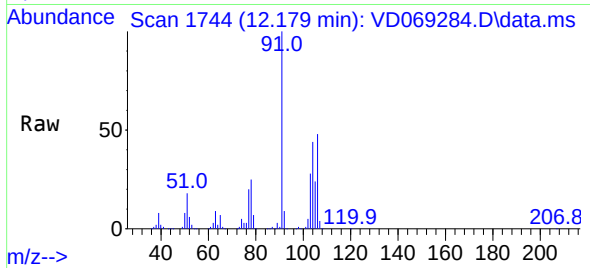
#69  
o-Xylene  
Concen: 19.48 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion:106 Resp: 163934  
Ion Ratio Lower Upper  
106 100  
91 214.4 105.5 316.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

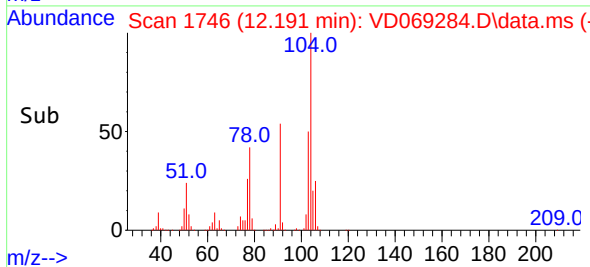
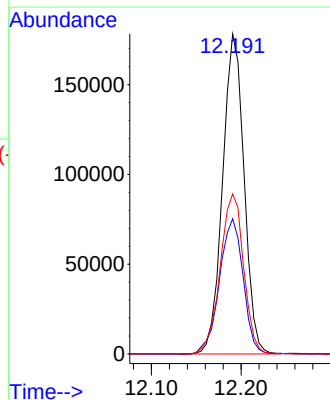
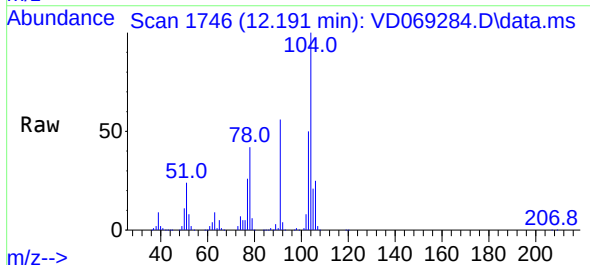
Manual Integrations  
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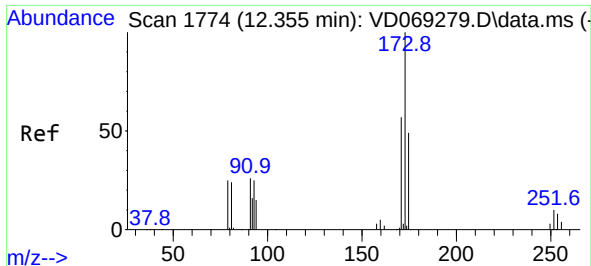
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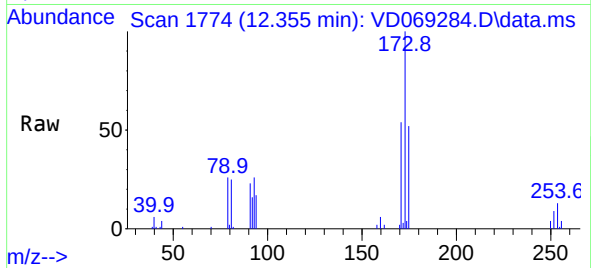
#70  
Styrene  
Concen: 20.25 ug/l  
RT: 12.191 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion:104 Resp: 295816  
Ion Ratio Lower Upper  
104 100  
78 46.5 37.5 56.3  
103 54.7 44.3 66.5

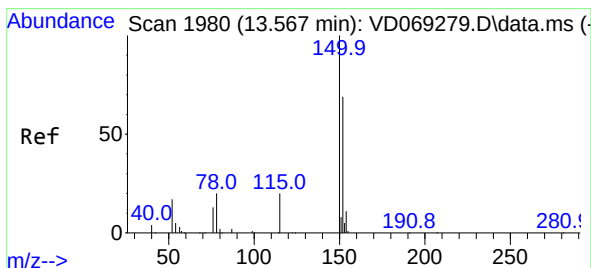
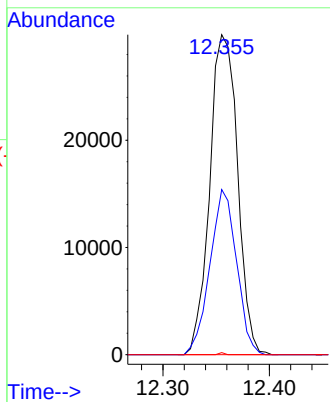
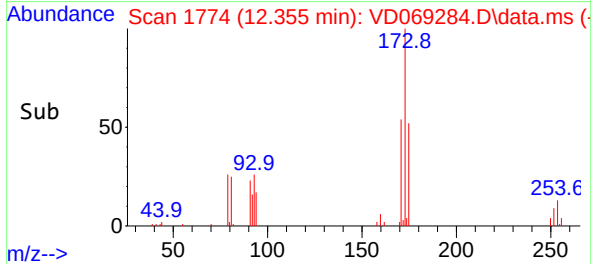




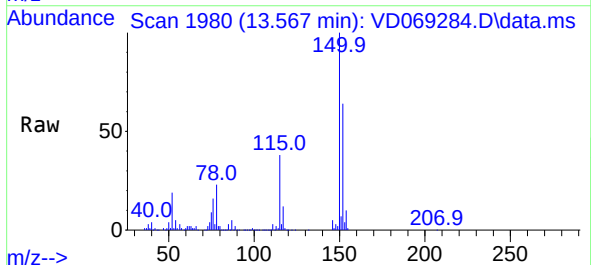
#71  
Bromoform  
Concen: 19.74 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



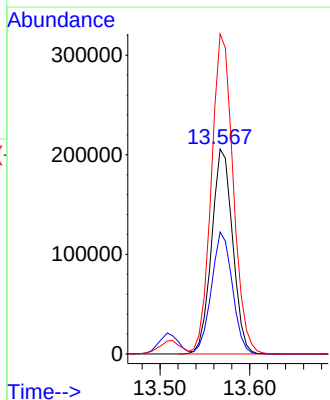
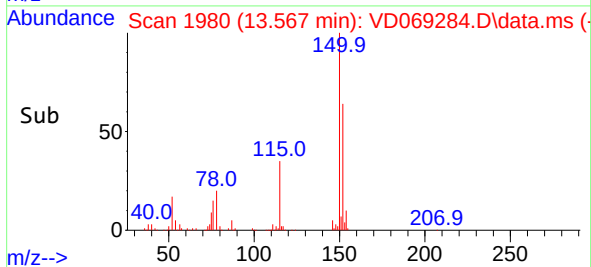
Tgt Ion:173 Resp: 54224  
Ion Ratio Lower Upper  
173 100  
175 49.4 23.8 71.2  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



Tgt Ion:152 Resp: 334896  
Ion Ratio Lower Upper  
152 100  
115 59.1 29.4 88.3  
150 162.1 0.0 355.0

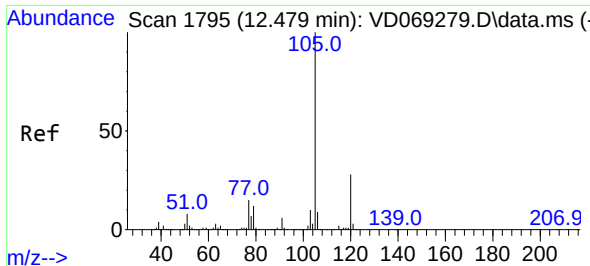


Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

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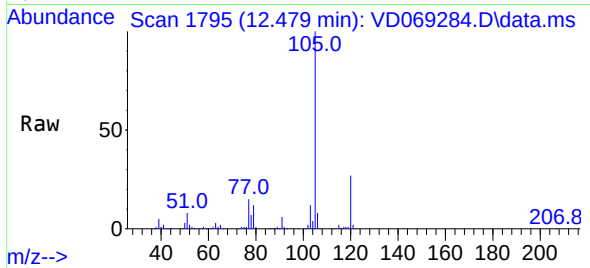
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#73  
Isopropylbenzene  
Concen: 19.60 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

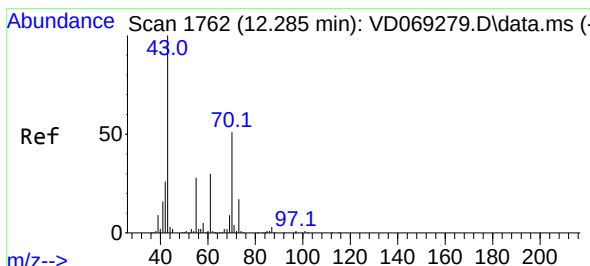
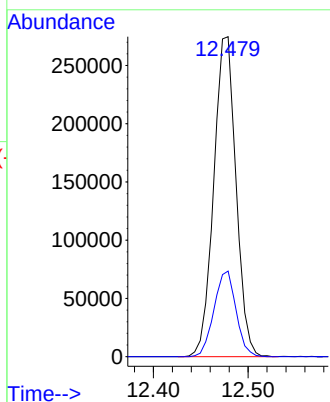
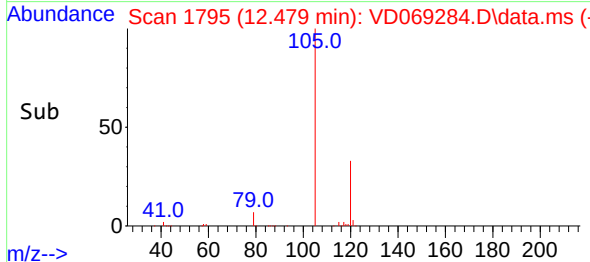
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01



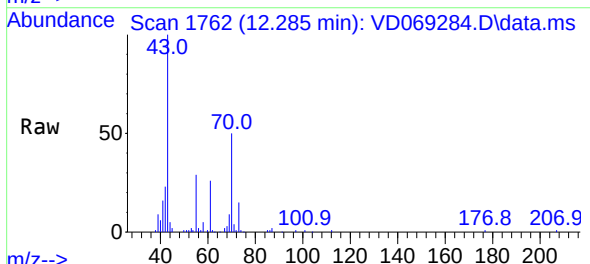
Tgt Ion:105 Resp: 449160  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.5 40.5

Manual Integrations  
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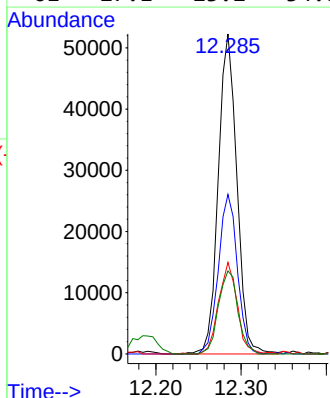
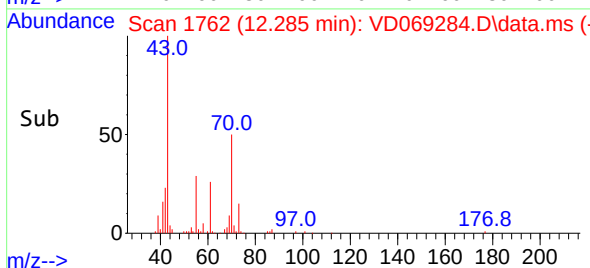
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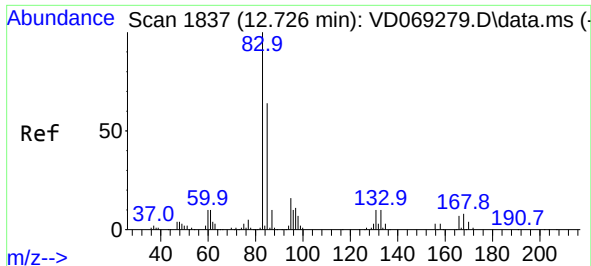


#74  
N-ethyl acetate  
Concen: 19.64 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



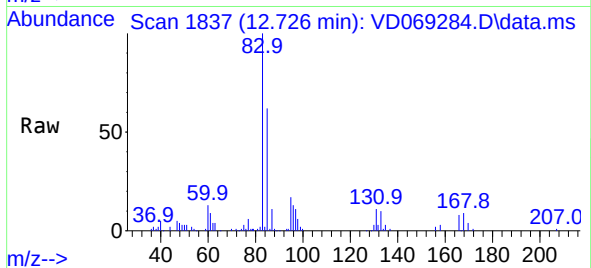
Tgt Ion: 43 Resp: 79491  
Ion Ratio Lower Upper  
43 100  
70 50.9 40.9 61.3  
55 28.6 23.4 35.0  
61 27.1 23.2 34.8





#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.57 ug/l  
RT: 12.726 min Scan# 1837  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

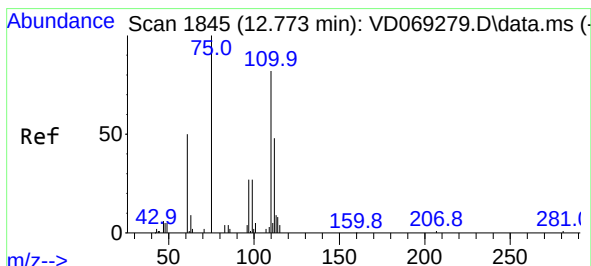
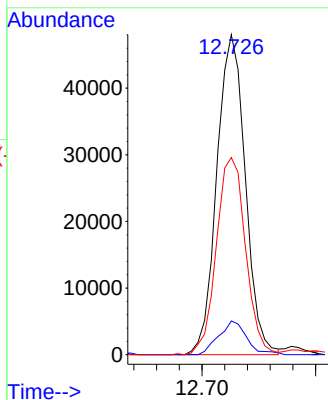
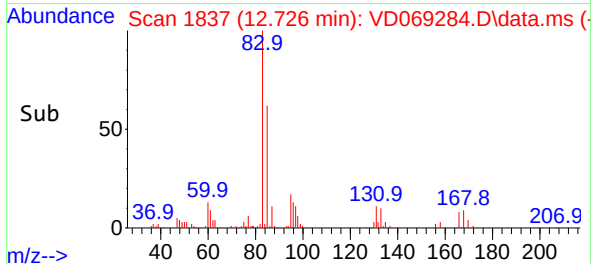
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01



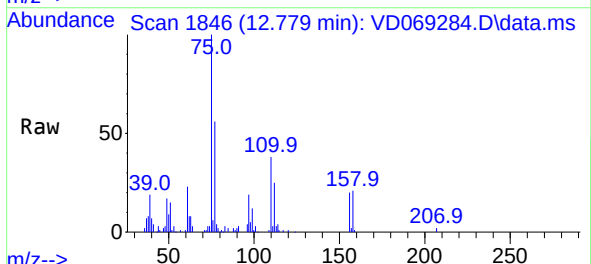
Tgt Ion: 83 Resp: 83718  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.3 16.1  
85 63.0 32.6 98.0

Manual Integrations  
APPROVED

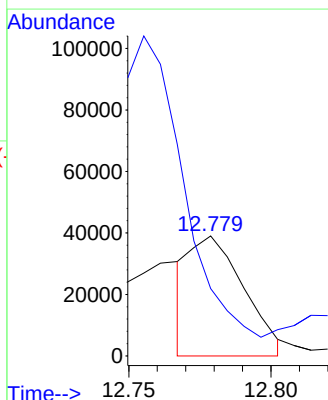
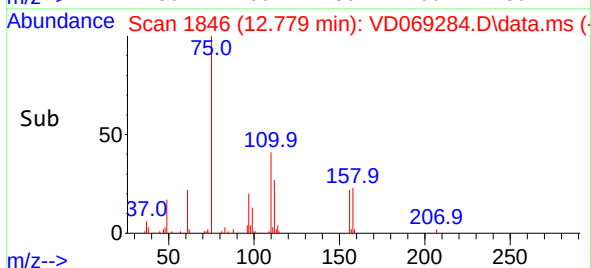
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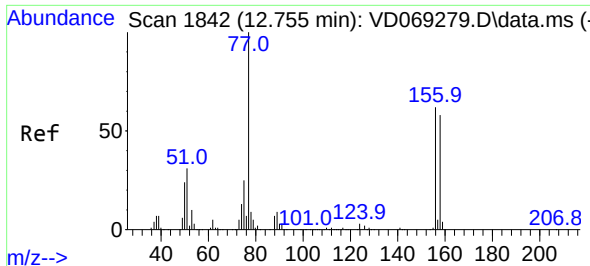


#76  
1,2,3-Trichloropropane  
Concen: 17.78 ug/l m  
RT: 12.779 min Scan# 1846  
Delta R.T. 0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



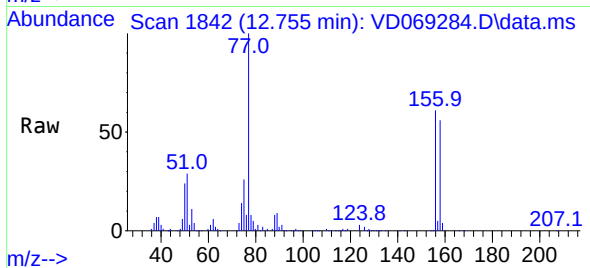
Tgt Ion: 75 Resp: 51747  
Ion Ratio Lower Upper  
75 100  
77 0.0 183.8 551.2#





#77  
Bromobenzene  
Concen: 19.22 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

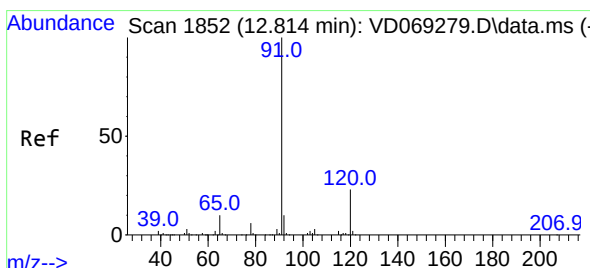
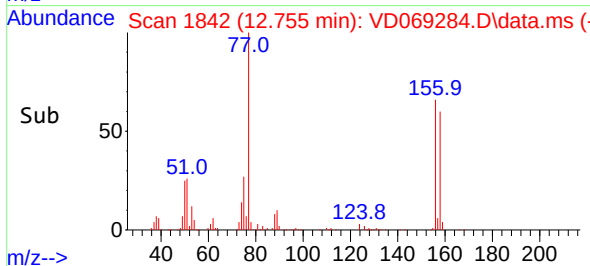
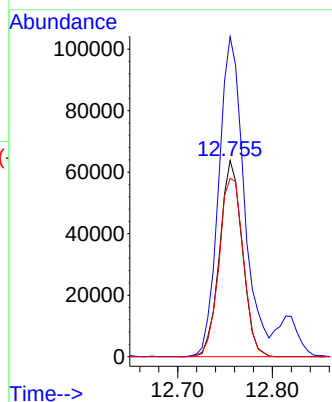
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01



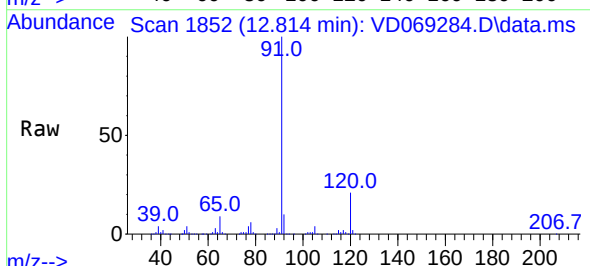
Tgt Ion:156 Resp: 106077  
Ion Ratio Lower Upper  
156 100  
77 182.9 89.3 267.9  
158 97.4 48.0 144.2

Manual Integrations  
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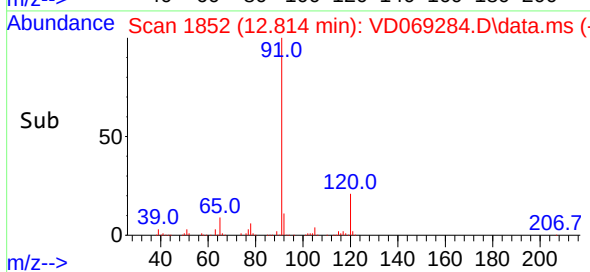
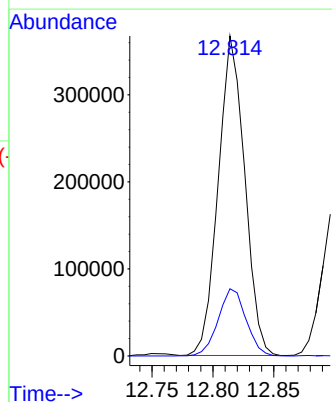
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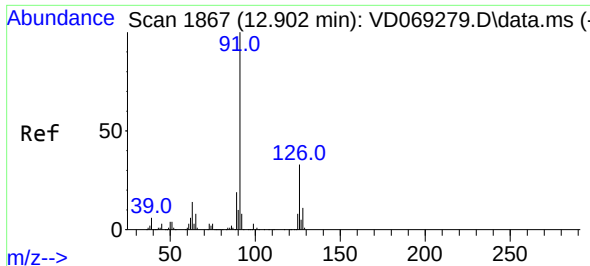


#78  
n-propylbenzene  
Concen: 19.76 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



Tgt Ion: 91 Resp: 555461  
Ion Ratio Lower Upper  
91 100  
120 22.2 11.6 34.8





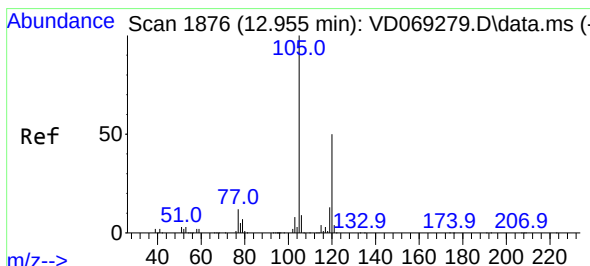
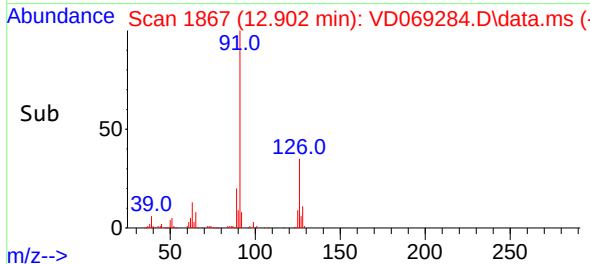
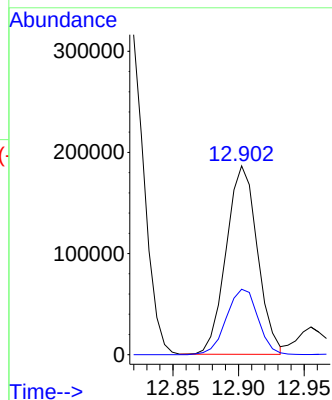
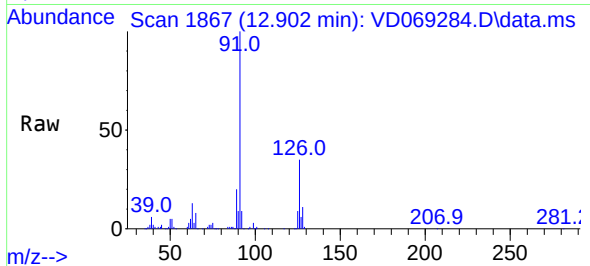
#79  
2-Chlorotoluene  
Concen: 19.34 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 91 Resp: 309051  
Ion Ratio Lower Upper  
91 100  
126 35.2 16.8 50.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

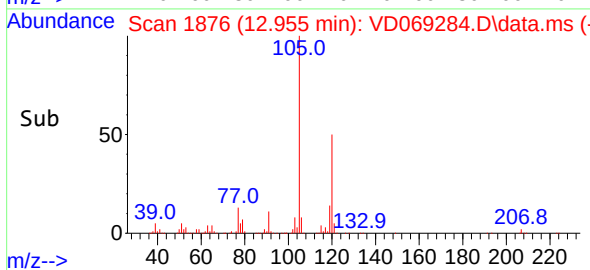
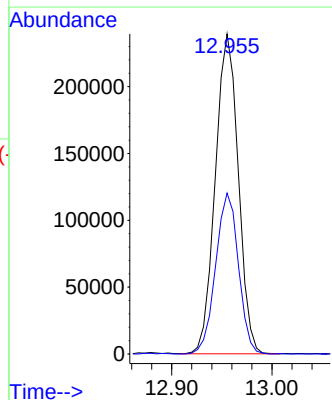
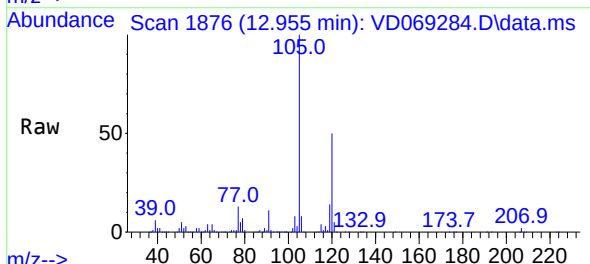
Manual Integrations  
APPROVED

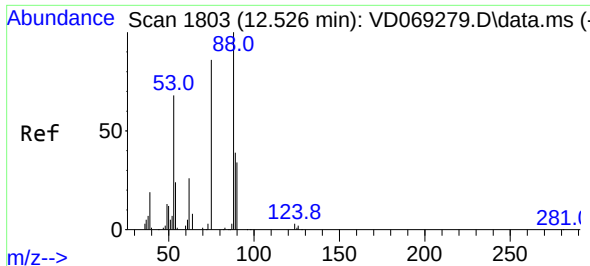
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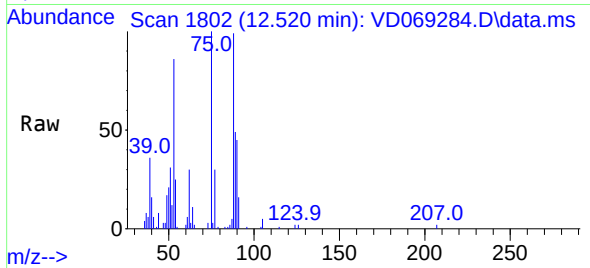
#80  
1,3,5-Trimethylbenzene  
Concen: 19.61 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 105 Resp: 380622  
Ion Ratio Lower Upper  
105 100  
120 49.8 24.9 74.7

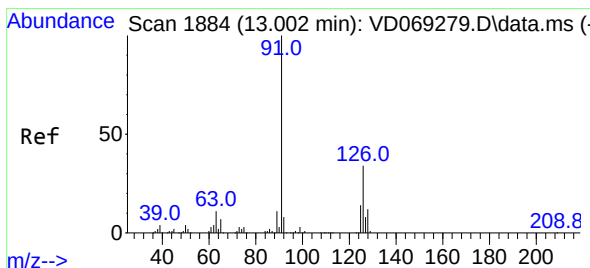
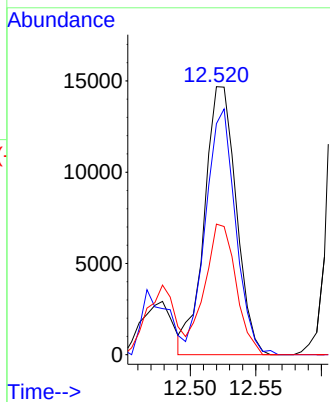
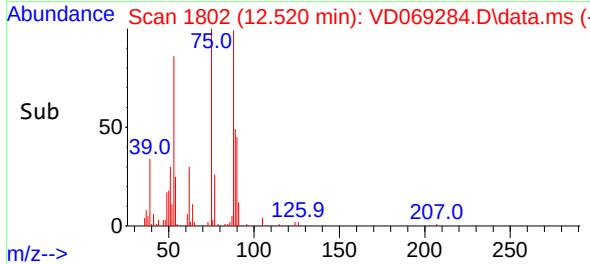




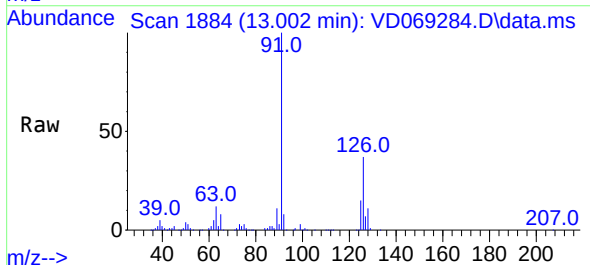
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.88 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



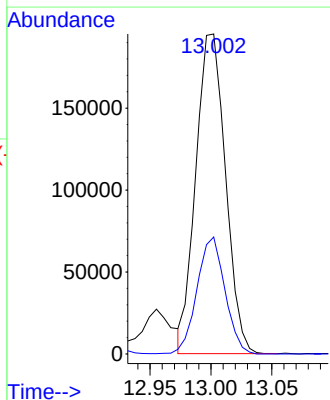
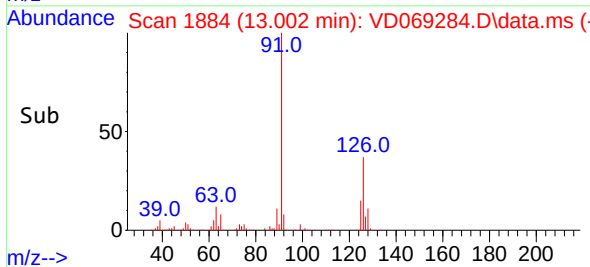
Tgt Ion: 75 Resp: 24786  
Ion Ratio Lower Upper  
75 100  
53 85.8 62.6 94.0  
89 47.7 35.6 53.4



#82  
4-Chlorotoluene  
Concen: 19.68 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



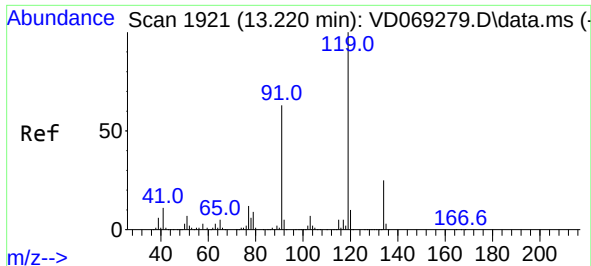
Tgt Ion: 91 Resp: 330852  
Ion Ratio Lower Upper  
91 100  
126 34.5 17.4 52.2



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

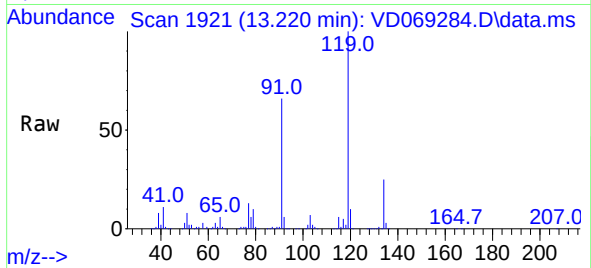
Manual Integrations  
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#83  
tert-Butylbenzene  
Concen: 19.27 ug/l  
RT: 13.220 min Scan# 1921  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

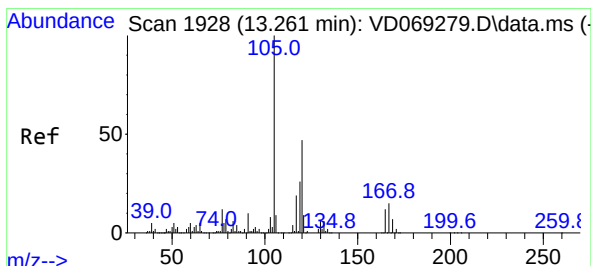
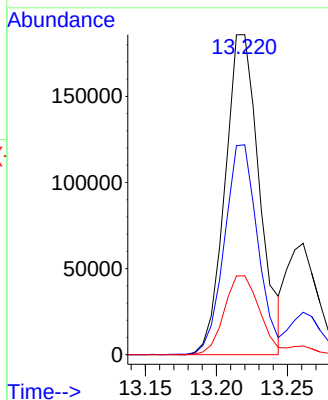
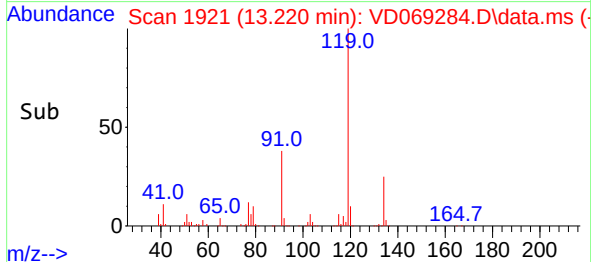
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01



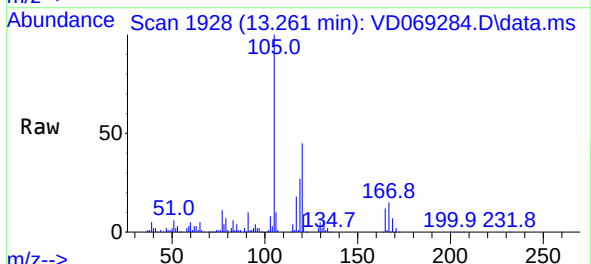
Tgt Ion:119 Resp: 313227  
Ion Ratio Lower Upper  
119 100  
91 63.6 31.7 95.1  
134 25.6 13.4 40.1

Manual Integrations  
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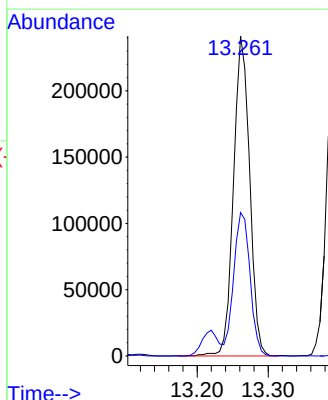
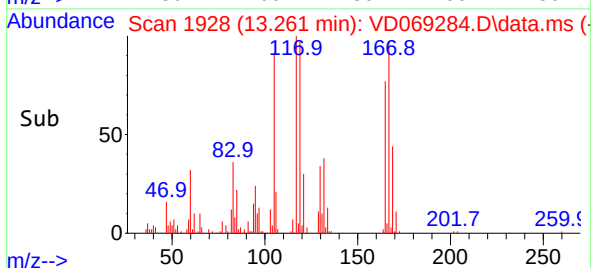
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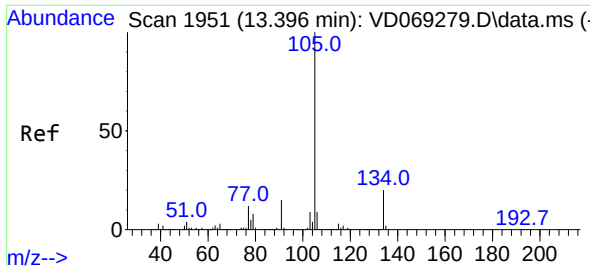


#84  
1,2,4-Trimethylbenzene  
Concen: 19.78 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



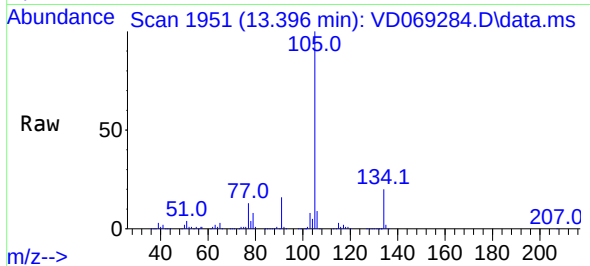
Tgt Ion:105 Resp: 381870  
Ion Ratio Lower Upper  
105 100  
120 45.3 22.6 67.8





#85  
 sec-Butylbenzene  
 Concen: 19.88 ug/l  
 RT: 13.396 min Scan# 1951  
 Delta R.T. -0.000 min  
 Lab File: VD069284.D  
 Acq: 01 Jun 2021 15:36

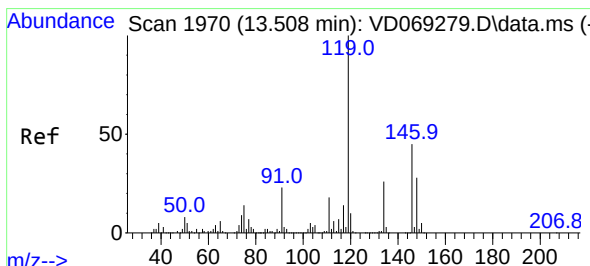
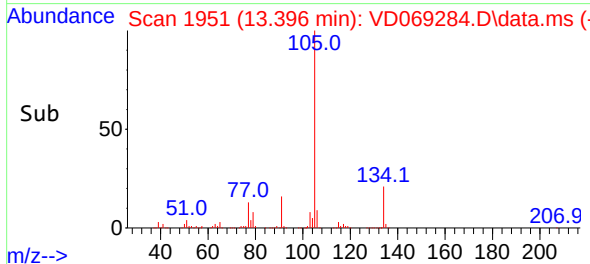
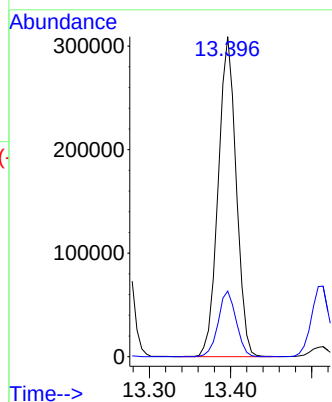
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0601SBS01



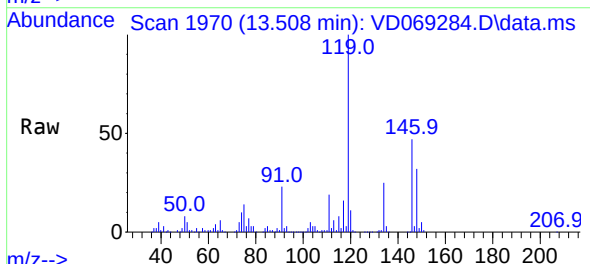
Tgt Ion:105 Resp: 476883  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.1 30.3

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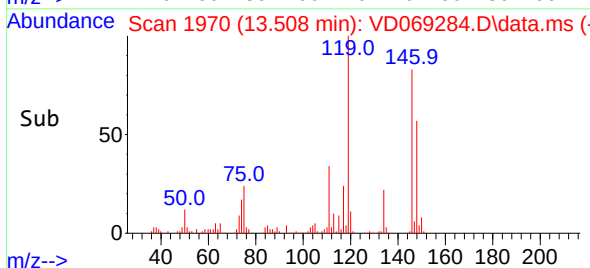
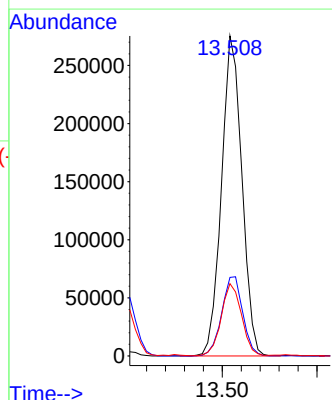
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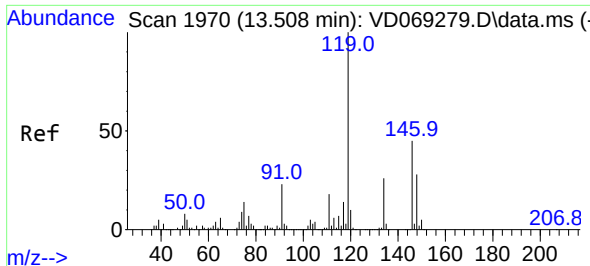


#86  
 p-Isopropyltoluene  
 Concen: 19.66 ug/l  
 RT: 13.508 min Scan# 1970  
 Delta R.T. -0.000 min  
 Lab File: VD069284.D  
 Acq: 01 Jun 2021 15:36



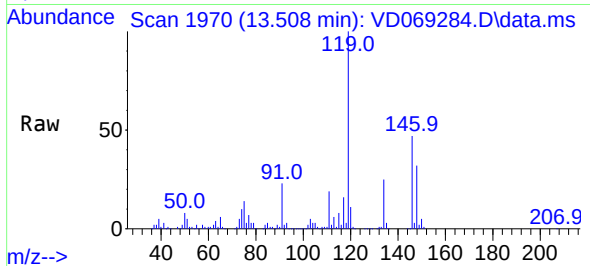
Tgt Ion:119 Resp: 412560  
 Ion Ratio Lower Upper  
 119 100  
 134 25.6 13.0 39.0  
 91 22.4 11.3 33.8





#87  
1,3-Dichlorobenzene  
Concen: 19.05 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

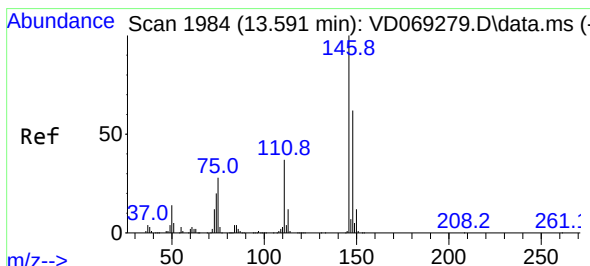
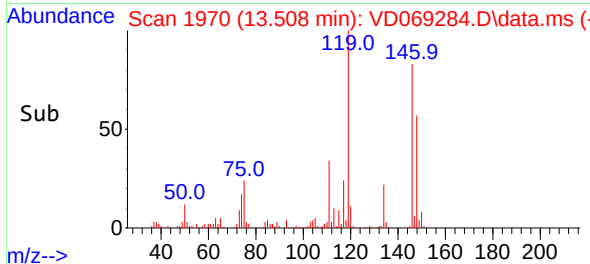
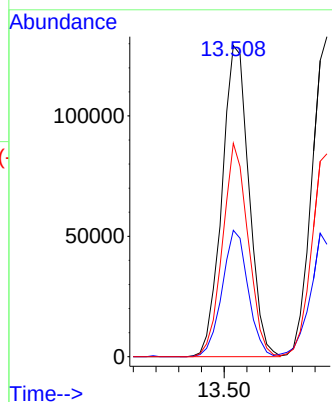
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01



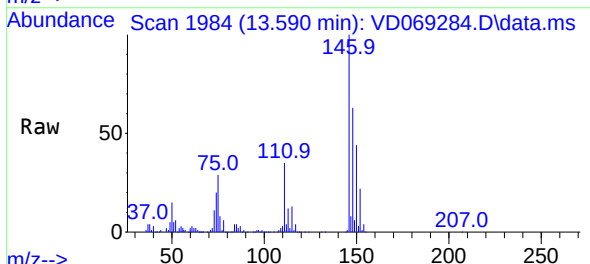
Tgt Ion:146 Resp: 212790  
Ion Ratio Lower Upper  
146 100  
111 39.1 20.3 60.9  
148 65.2 31.9 95.9

Manual Integrations  
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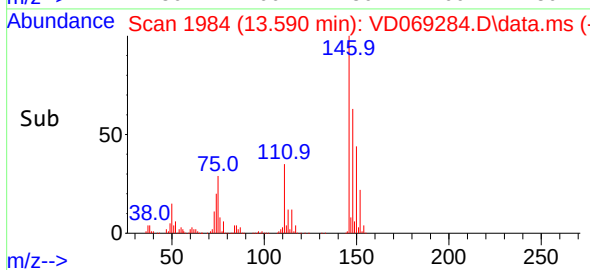
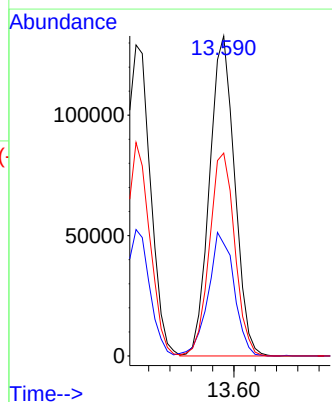
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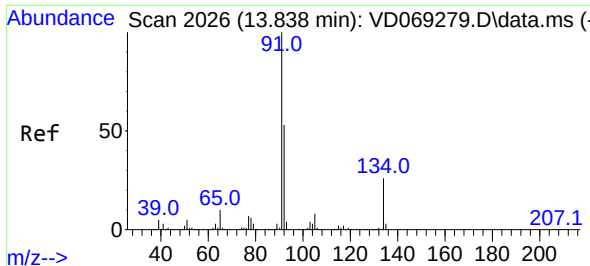
#88  
1,4-Dichlorobenzene  
Concen: 19.50 ug/l  
RT: 13.590 min Scan# 1984  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



Tgt Ion:146 Resp: 217083  
Ion Ratio Lower Upper  
146 100  
111 39.6 19.4 58.4  
148 64.1 31.1 93.3

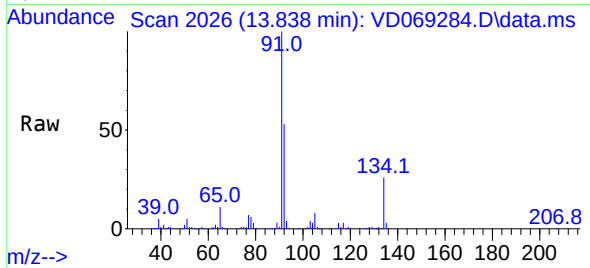






#89  
n-Butylbenzene  
Concen: 19.17 ug/l  
RT: 13.838 min Scan# 2026  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

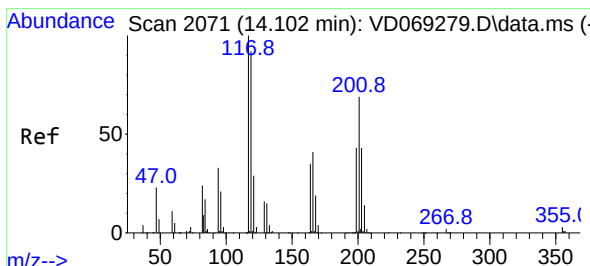
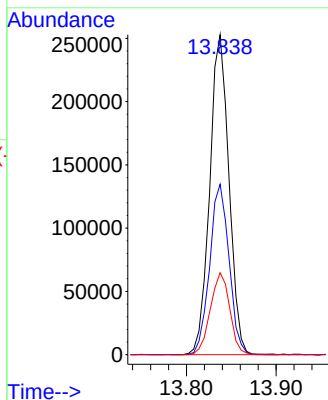
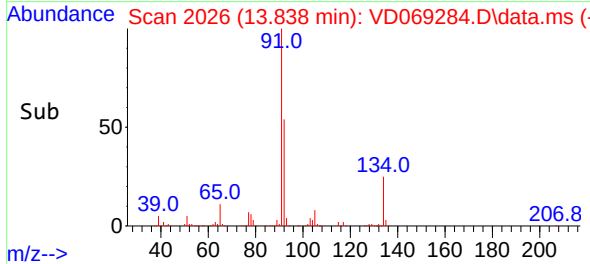
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01



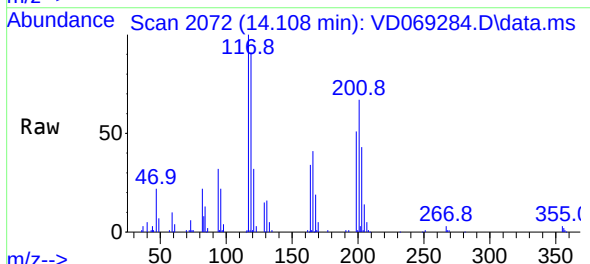
Tgt Ion: 91 Resp: 376217  
Ion Ratio Lower Upper  
91 100  
92 53.6 26.4 79.2  
134 25.7 13.0 38.9

Manual Integrations  
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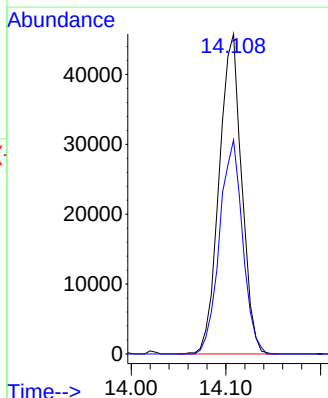
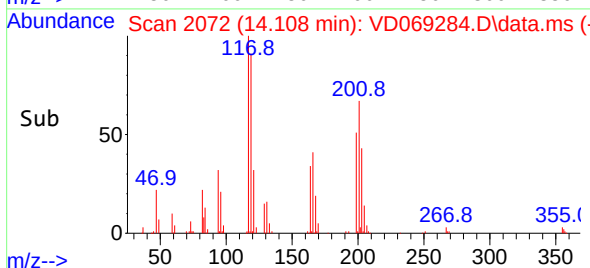
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6/2/2021 6:46:39 PM

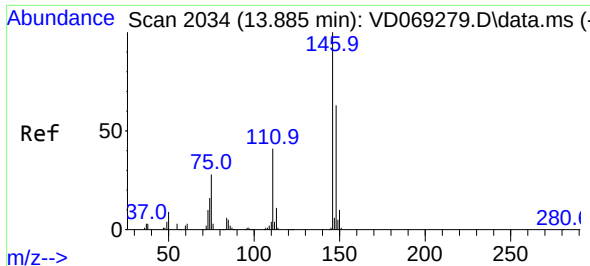


#90  
Hexachloroethane  
Concen: 18.95 ug/l  
RT: 14.108 min Scan# 2072  
Delta R.T. 0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



Tgt Ion: 117 Resp: 75518  
Ion Ratio Lower Upper  
117 100  
201 68.5 36.0 108.1





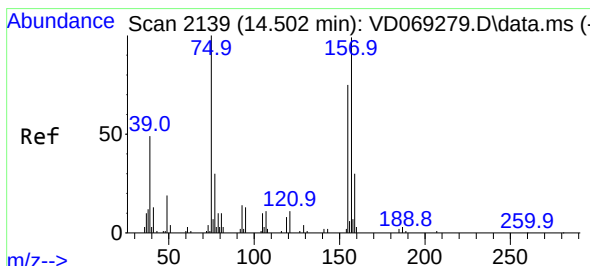
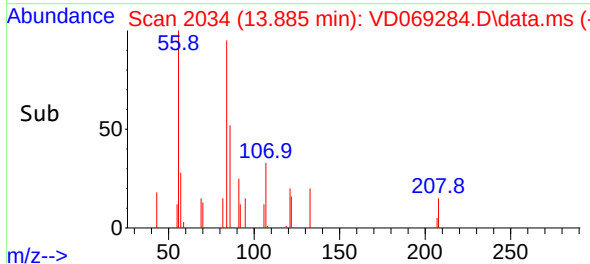
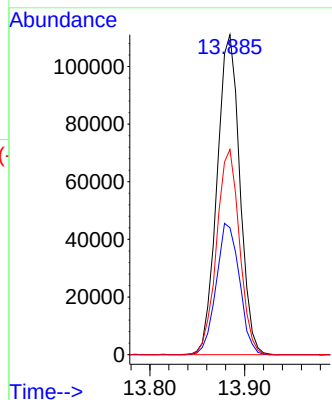
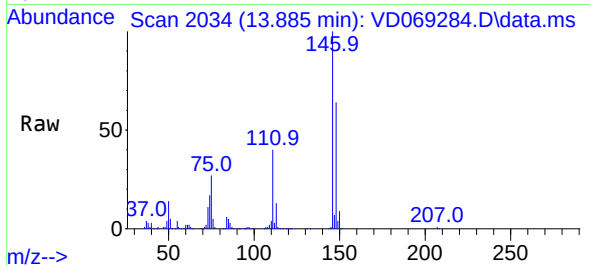
#91  
1,2-Dichlorobenzene  
Concen: 19.26 ug/l  
RT: 13.885 min Scan# 2034  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion:146 Resp: 185358  
Ion Ratio Lower Upper  
146 100  
111 42.0 20.5 61.6  
148 64.6 32.1 96.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

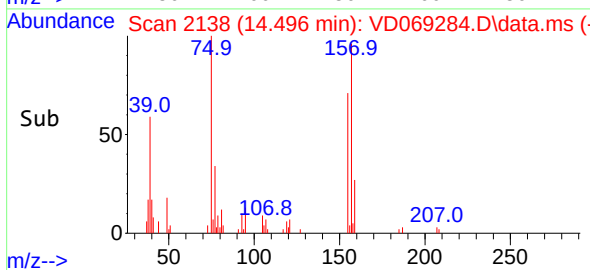
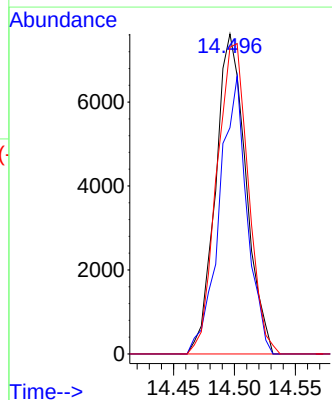
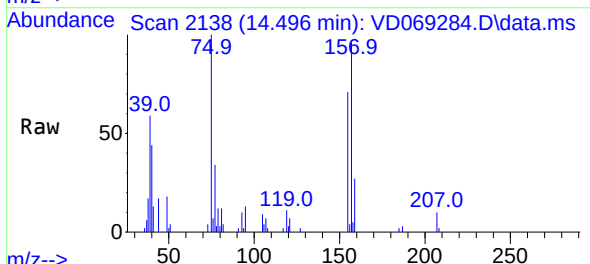
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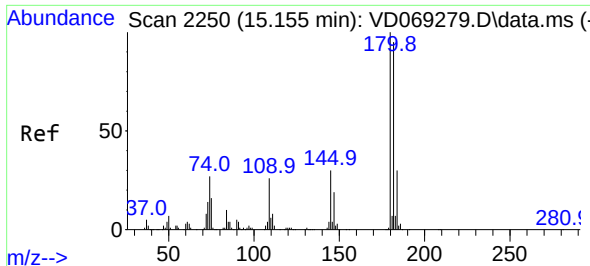
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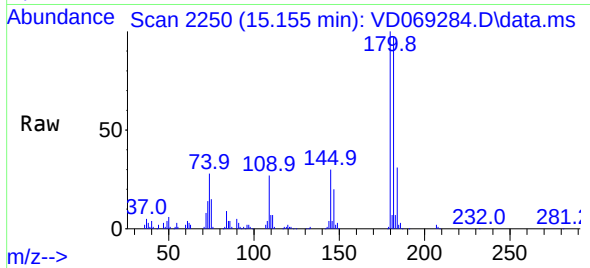
#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.39 ug/l  
RT: 14.496 min Scan# 2138  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

Tgt Ion: 75 Resp: 13219  
Ion Ratio Lower Upper  
75 100  
155 78.6 42.1 126.4  
157 100.7 54.4 163.3

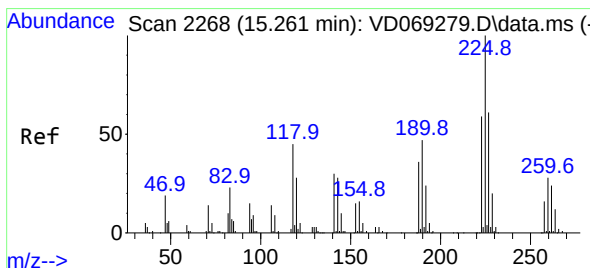
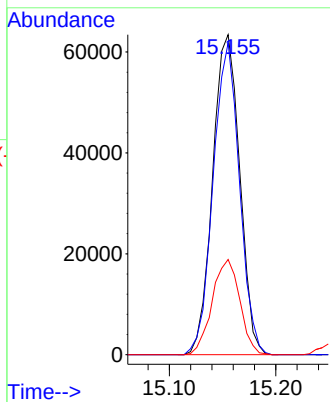
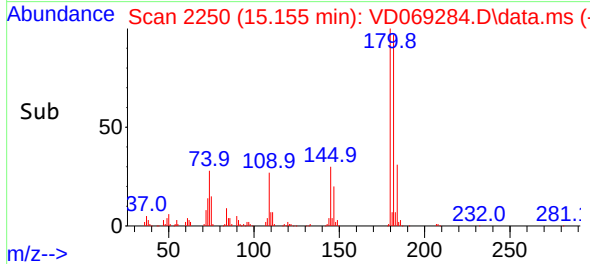




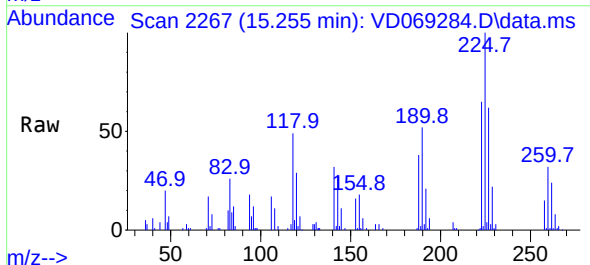
#93  
1,2,4-Trichlorobenzene  
Concen: 19.34 ug/l  
RT: 15.155 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



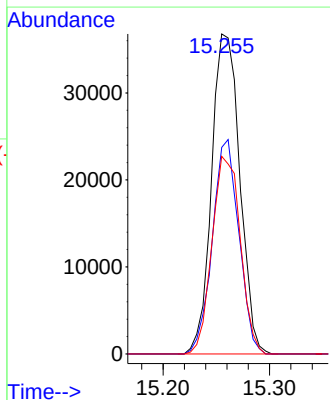
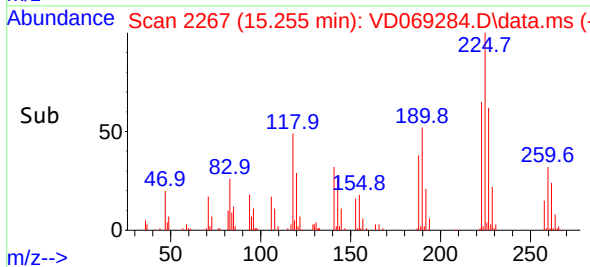
Tgt Ion:180 Resp: 111679  
Ion Ratio Lower Upper  
180 100  
182 94.7 47.3 141.8  
145 30.4 15.2 45.5



#94  
Hexachlorobutadiene  
Concen: 18.62 ug/l  
RT: 15.255 min Scan# 2267  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36



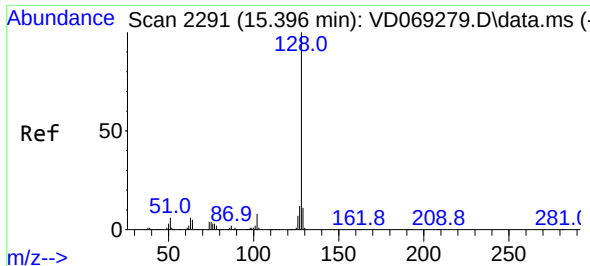
Tgt Ion:225 Resp: 67525  
Ion Ratio Lower Upper  
225 100  
223 62.9 30.5 91.5  
227 61.9 31.4 94.2



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

Manual Integrations  
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6/2/2021 6:46:39 PM



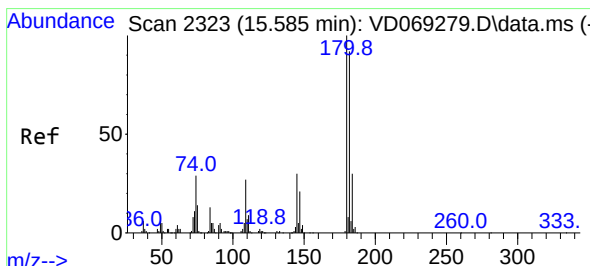
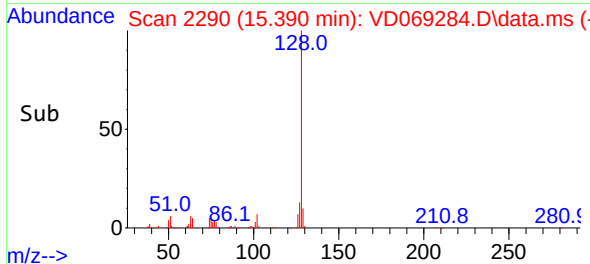
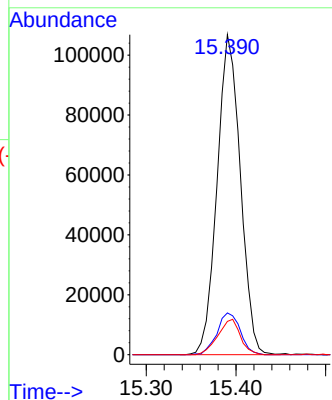
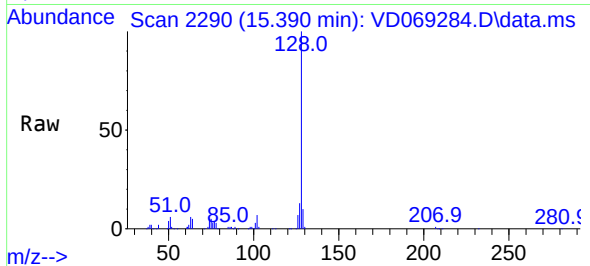
#95  
Naphthalene  
Concen: 19.01 ug/l  
RT: 15.390 min Scan# 2290  
Delta R.T. -0.006 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 192156 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.1  | 10.4  | 15.6   |
| 129       | 10.7  | 8.8   | 13.2   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBS01

Manual Integrations  
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MMDadoda  
6/2/2021 6:46:39 PM



#96  
1,2,3-Trichlorobenzene  
Concen: 19.03 ug/l  
RT: 15.585 min Scan# 2323  
Delta R.T. -0.000 min  
Lab File: VD069284.D  
Acq: 01 Jun 2021 15:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 96737 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.3  | 47.0  | 141.0 |
| 145       | 33.3  | 15.9  | 47.7  |

