

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD072621\  
 Data File : VD069849.D  
 Acq On : 26 Jul 2021 15:55  
 Operator : VA/SY  
 Sample : M3158-01  
 Misc : 5.01G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jul 27 05:12:08 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072221S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 04:51:13 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.979  | 168  | 376418   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.861  | 114  | 783283   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.638 | 117  | 613538   | 50.000 | ug/l  | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4 | 13.567 | 152  | 243302   | 50.000 | ug/l  | # 0.00   |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 334908   | 77.361   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 154.720% |      |
| 35) Dibromofluoromethane    | 7.914  | 113   | 285409   | 57.801   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 115.600% |      |
| 50) Toluene-d8              | 10.338 | 98    | 1178285  | 61.885   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 123.760% |      |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 427321   | 67.155   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 134.320% |      |

|                               |        |     |         |              |     |    |
|-------------------------------|--------|-----|---------|--------------|-----|----|
| Target Compounds              |        |     |         | Qvalue       |     |    |
| 5) Bromomethane               | 2.779  | 94  | 3466    | Below Cal    | 87  |    |
| 10) Methyl Iodide             | 4.297  | 142 | 1786    | 3.818 ug/l   | #   | 56 |
| 16) Acetone                   | 4.156  | 43  | 137884  | 176.312 ug/l | 93  |    |
| 17) Carbon Disulfide          | 4.409  | 76  | 16050   | 1.042 ug/l   | 97  |    |
| 20) Methylene Chloride        | 4.967  | 84  | 25277   | Below Cal    | #   | 90 |
| 25) 2-Butanone                | 7.208  | 43  | 45227   | 42.645 ug/l  | 100 |    |
| 31) Cyclohexane               | 7.979  | 56  | 669032  | 79.094 ug/l  | 93  |    |
| 36) 1,1-Dichloropropene       | 7.979  | 75  | 34890   | 4.128 ug/l   | #   | 64 |
| 37) Ethyl Acetate             | 7.208  | 43  | 45227   | 14.697 ug/l  | #   | 68 |
| 38) Carbon Tetrachloride      | 7.973  | 117 | 40755   | 5.278 ug/l   | #   | 15 |
| 39) Methylcyclohexane         | 9.350  | 83  | 2694283 | 278.308 ug/l | 99  |    |
| 43) Isopropyl Acetate         | 8.450  | 43  | 90413   | 16.382 ug/l  | #   | 48 |
| 45) 1,2-Dichloropropane       | 9.350  | 63  | 25839   | 4.017 ug/l   | #   | 1  |
| 47) Bromodichloromethane      | 9.767  | 83  | 41694   | 5.075 ug/l   | #   | 45 |
| 48) Methyl methacrylate       | 9.402  | 41  | 109953  | 38.108 ug/l  | #   | 13 |
| 51) 4-Methyl-2-Pentanone      | 10.332 | 43  | 176134  | 61.329 ug/l  | #   | 46 |
| 52) Toluene                   | 10.397 | 92  | 33494   | 2.255 ug/l   | 96  |    |
| 55) 1,1,2-Trichloroethane     | 10.773 | 97  | 1022709 | 229.000 ug/l | #   | 21 |
| 56) Ethyl methacrylate        | 10.673 | 69  | 355933  | 63.335 ug/l  | #   | 19 |
| 58) 2-Chloroethyl Vinyl ether | 9.908  | 63  | 1555    | 21.457 ug/l  | #   | 48 |
| 59) 2-Hexanone                | 10.949 | 43  | 1290933 | 679.554 ug/l | #   | 26 |
| 67) Ethyl Benzene             | 11.738 | 91  | 2405254 | 107.479 ug/l | 98  |    |
| 68) m/p-Xylenes               | 11.849 | 106 | 64611   | 7.448 ug/l   | 92  |    |
| 69) o-Xylene                  | 12.173 | 106 | 27082   | 3.434 ug/l   | #   | 4  |
| 73) Isopropylbenzene          | 12.473 | 105 | 1550522 | 88.695 ug/l  | 100 |    |
| 74) N-amyl acetate            | 12.261 | 43  | 2233735 | 621.206 ug/l | #   | 53 |
| 75) 1,1,2,2-Tetrachloroethane | 12.696 | 83  | 178811  | 51.218 ug/l  | #   | 70 |
| 76) 1,2,3-Trichloropropane    | 12.808 | 75  | 25057   | 9.689 ug/l   | #   | 1  |
| 78) n-propylbenzene           | 12.814 | 91  | 3843628 | 171.186 ug/l | 100 |    |
| 79) 2-Chlorotoluene           | 12.814 | 91  | 3843628 | 294.714 ug/l | #   | 43 |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105 | 59093   | 3.952 ug/l   | 96  |    |
| 81) trans-1,4-Dichloro-2-b... | 12.473 | 75  | 19435   | 22.799 ug/l  | #   | 11 |
| 82) 4-Chlorotoluene           | 12.814 | 91  | 3844069 | 281.931 ug/l | #   | 43 |
| 83) tert-Butylbenzene         | 13.214 | 119 | 67507   | 5.552 ug/l   | #   | 42 |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105 | 329815  | 22.356 ug/l  | 99  |    |
| 85) sec-Butylbenzene          | 13.391 | 105 | 2600055 | 135.272 ug/l | 88  |    |

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 Sample : M3158-01  
 Misc : 5.01G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jul 27 05:12:08 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072221S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 04:51:13 2021  
 Response via : Initial Calibration

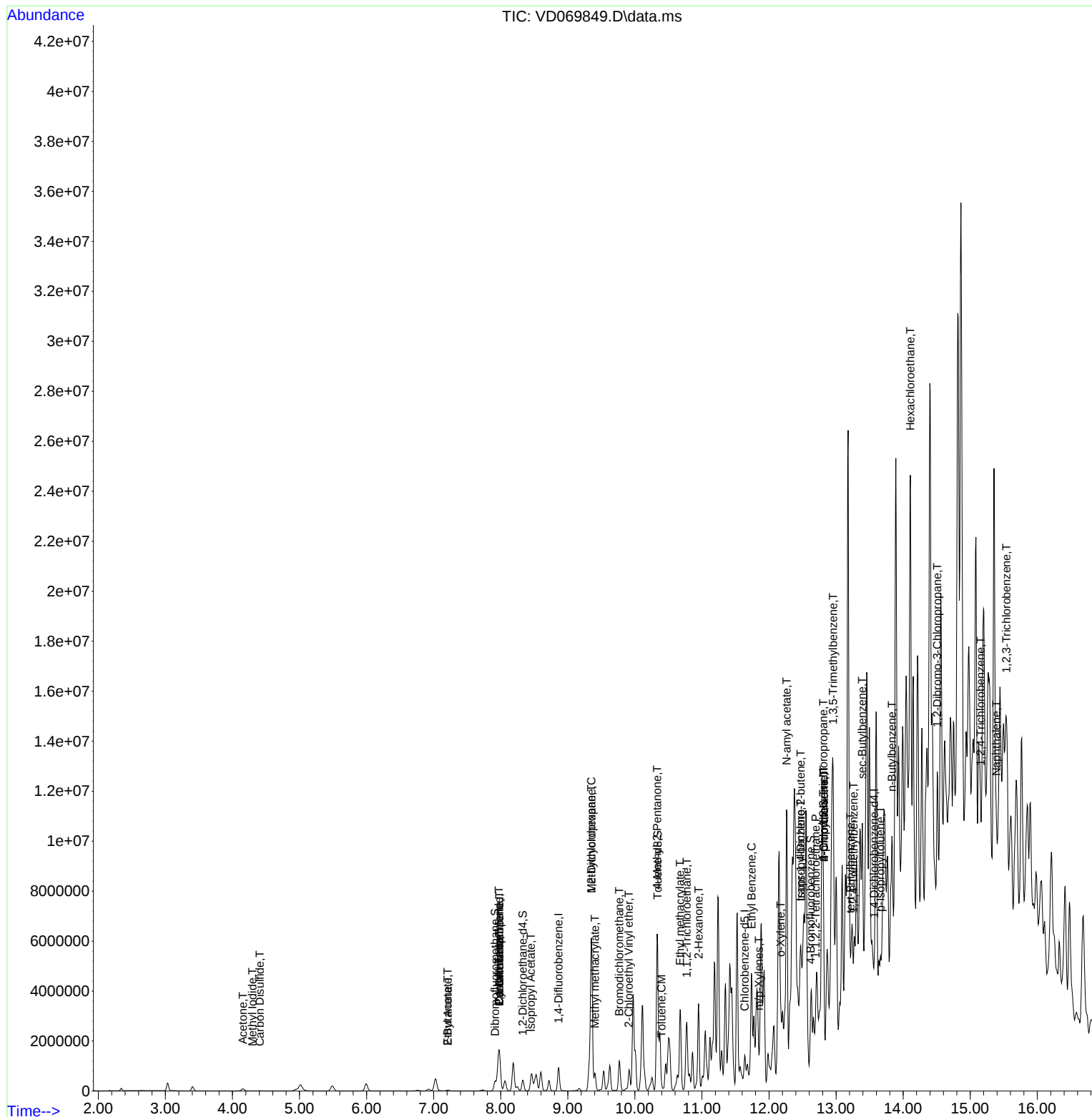
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| 86) p-Isopropyltoluene        | 13.661 | 119  | 382599   | 24.501  | ug/l   | 92       |
| 89) n-Butylbenzene            | 13.832 | 91   | 2315222  | 150.232 | ug/l # | 89       |
| 90) Hexachloroethane          | 14.108 | 117  | 629121   | 190.193 | ug/l # | 18       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.508 | 75   | 18106    | 36.017  | ug/l # | 15       |
| 93) 1,2,4-Trichlorobenzene    | 15.155 | 180  | 23491    | 6.102   | ug/l # | 1        |
| 95) Naphthalene               | 15.390 | 128  | 2152656  | 248.628 | ug/l # | 91       |
| 96) 1,2,3-Trichlorobenzene    | 15.537 | 180  | 76121    | 22.866  | ug/l # | 1        |
| -----                         |        |      |          |         |        |          |

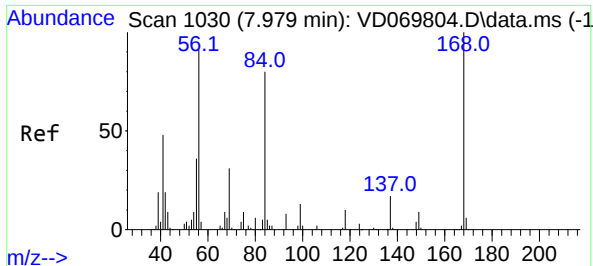
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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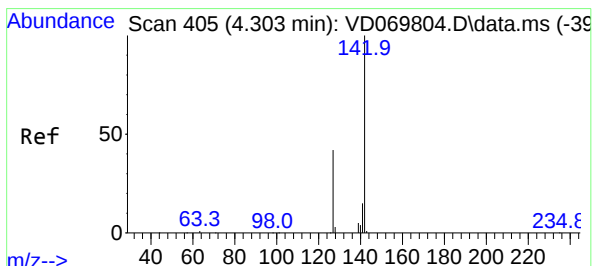
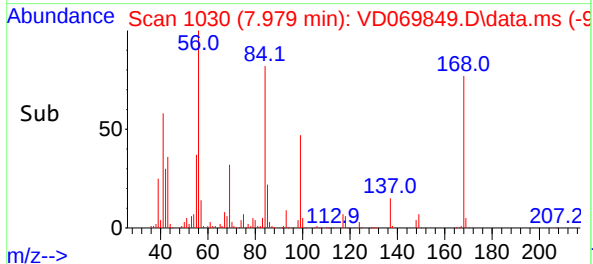
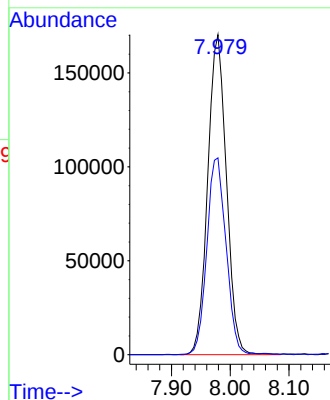
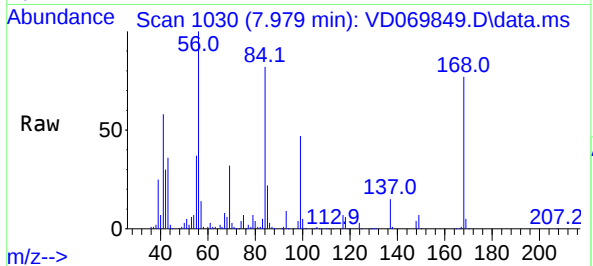




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

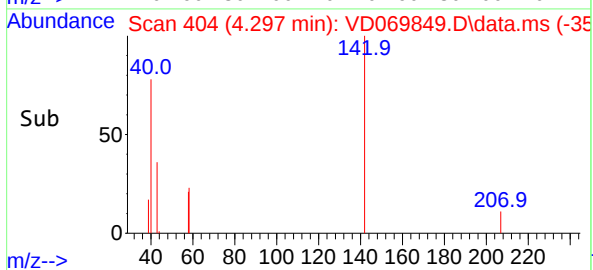
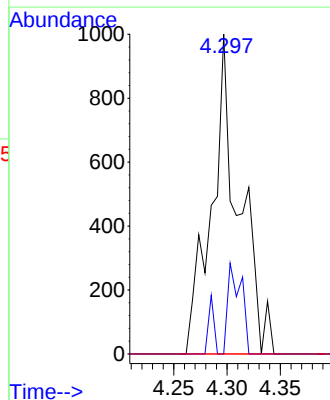
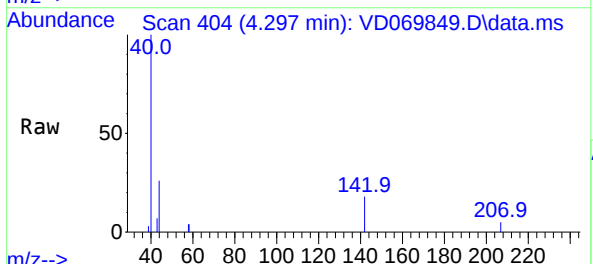
Instrument :  
MSVOA\_D  
ClientSampled :

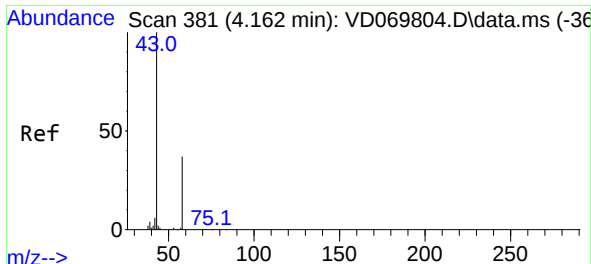
Tgt Ion:168 Resp: 376418  
Ion Ratio Lower Upper  
168 100  
99 61.4 51.1 76.7



#10  
Methyl Iodide  
Concen: 3.818 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.006 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion:142 Resp: 1786  
Ion Ratio Lower Upper  
142 100  
127 13.9 35.7 53.5#  
141 0.0 12.0 18.0#

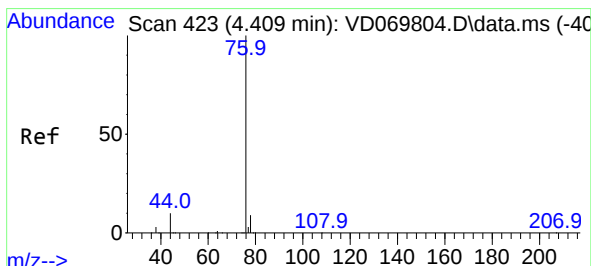
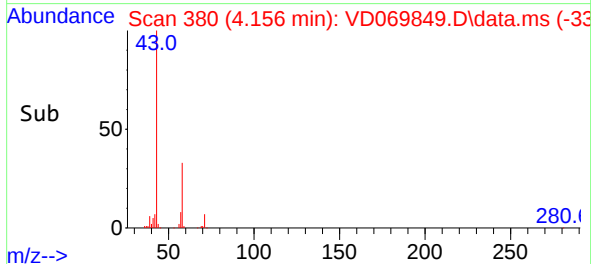
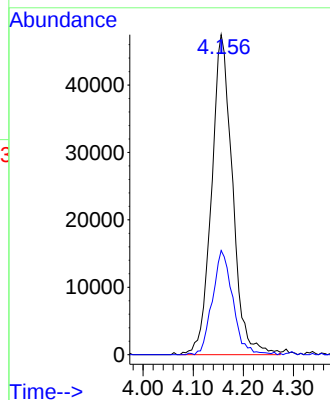
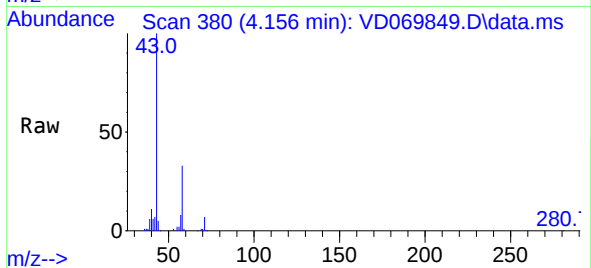




#16  
Acetone  
Concen: 176.312 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.006 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

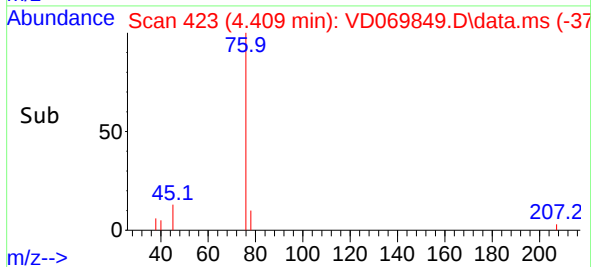
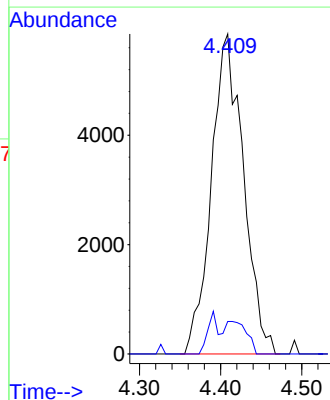
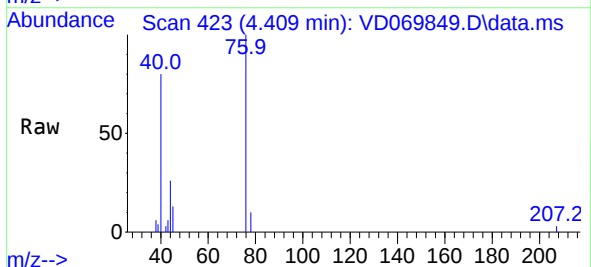
Instrument :  
MSVOA\_D  
ClientSampleId :

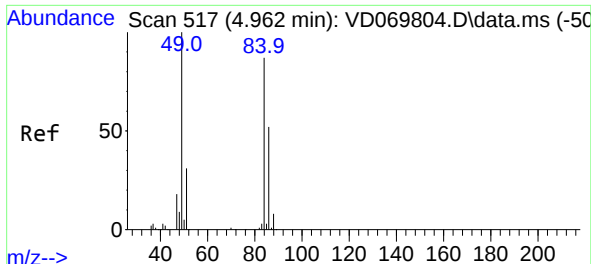
Tgt Ion: 43 Resp: 137884  
Ion Ratio Lower Upper  
43 100  
58 32.5 29.4 44.0



#17  
Carbon Disulfide  
Concen: 1.042 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

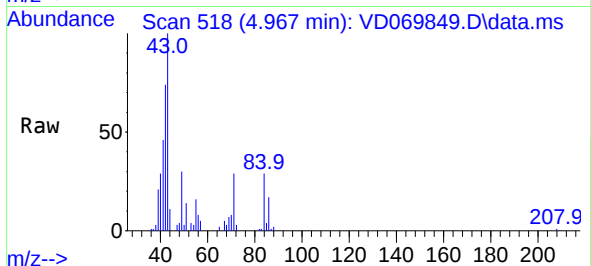
Tgt Ion: 76 Resp: 16050  
Ion Ratio Lower Upper  
76 100  
78 10.1 7.3 10.9





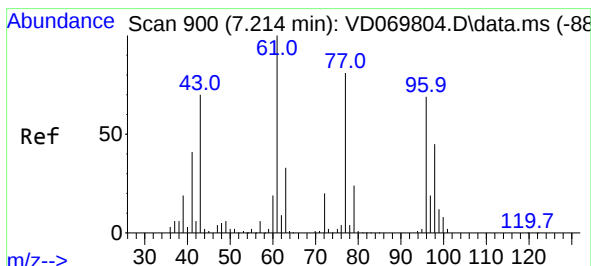
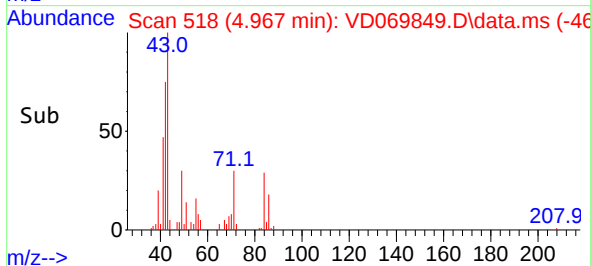
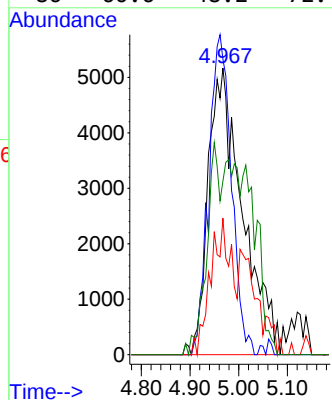
#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.967 min Scan# 518  
Delta R.T. 0.005 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Instrument :  
MSVOA\_D  
ClientSampled :



Tgt Ion: 84 Resp: 25277

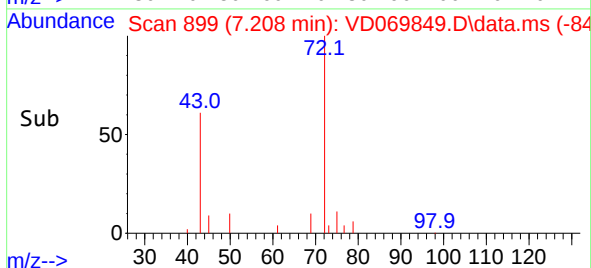
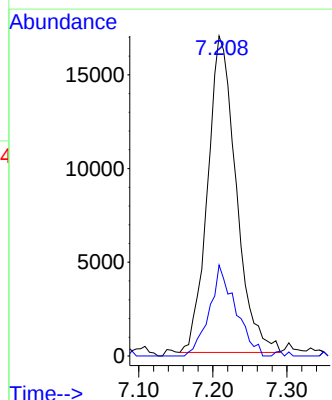
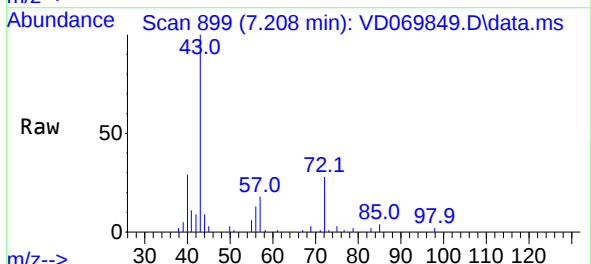
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 103.1 | 92.4  | 138.6 |
| 51  | 47.6  | 28.5  | 42.7# |
| 86  | 60.6  | 48.2  | 72.4  |

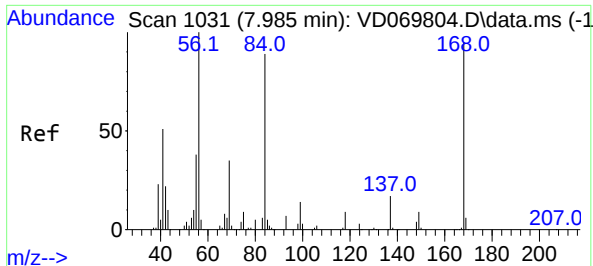


#25  
2-Butanone  
Concen: 42.645 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion: 43 Resp: 45227

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 28.7  | 22.8  | 34.2  |

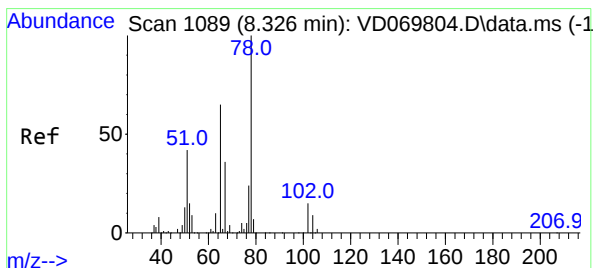
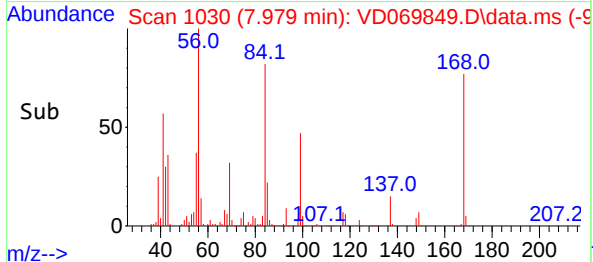
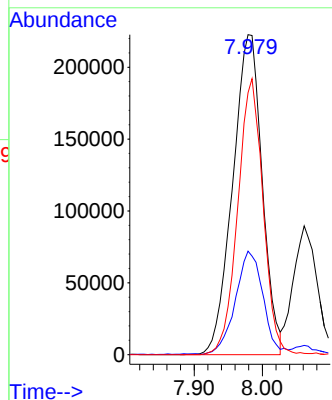
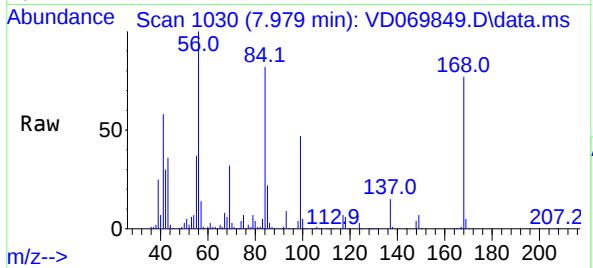




#31  
Cyclohexane  
Concen: 79.094 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

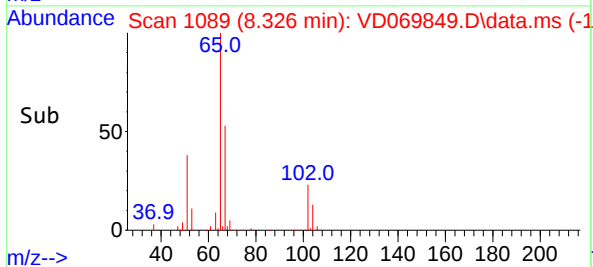
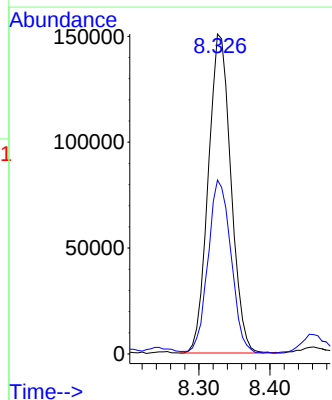
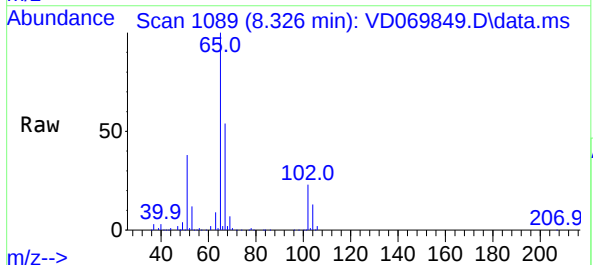
Instrument :  
MSVOA\_D  
ClientSampleId :

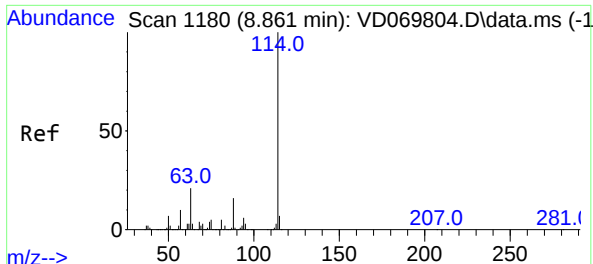
Tgt Ion: 56 Resp: 669032  
Ion Ratio Lower Upper  
56 100  
69 32.2 27.9 41.9  
84 81.9 71.4 107.2



#33  
1,2-Dichloroethane-d4  
Concen: 77.361 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion: 65 Resp: 334908  
Ion Ratio Lower Upper  
65 100  
67 54.7 0.0 111.2



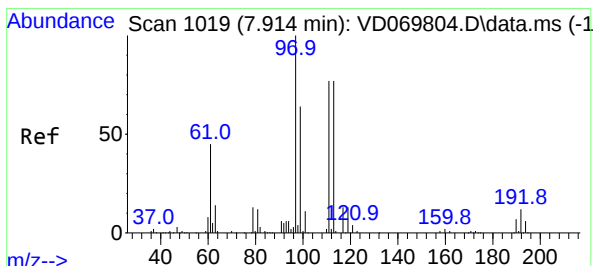
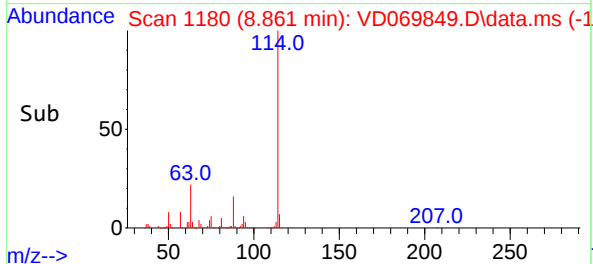
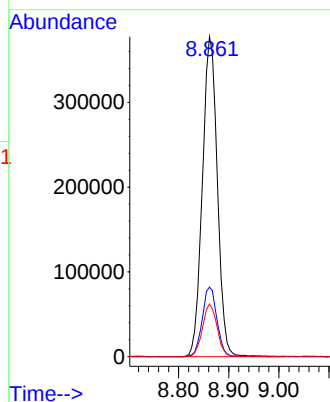
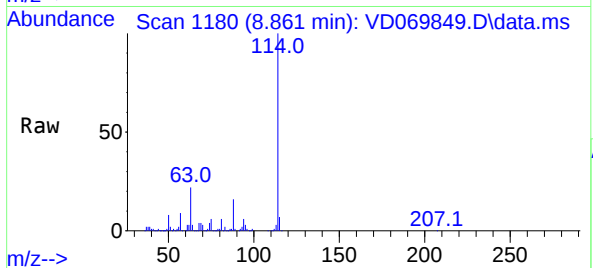


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Instrument :  
MSVOA\_D  
ClientSampleId :

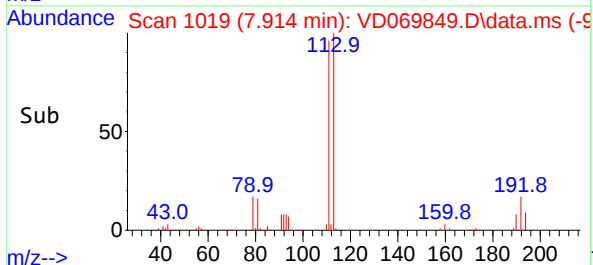
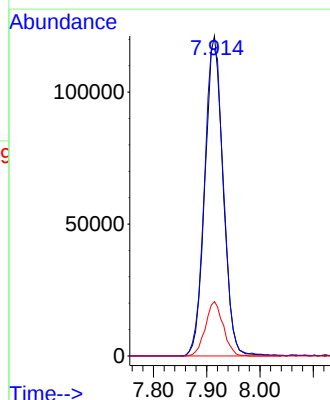
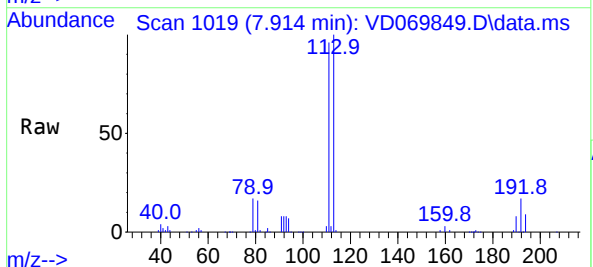
Tgt Ion:114 Resp: 783283  
Ion Ratio Lower Upper  
114 100  
63 21.7 0.0 41.6  
88 16.5 0.0 31.4

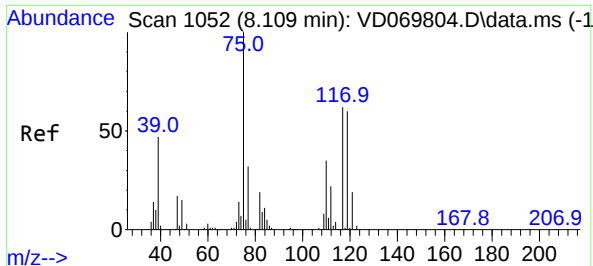


#35

Dibromofluoromethane  
Concen: 57.801 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion:113 Resp: 285409  
Ion Ratio Lower Upper  
113 100  
111 102.9 80.5 120.7  
192 16.8 12.6 19.0

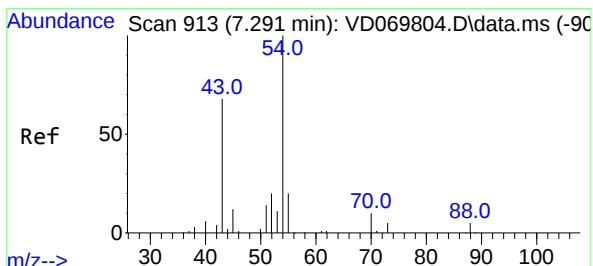
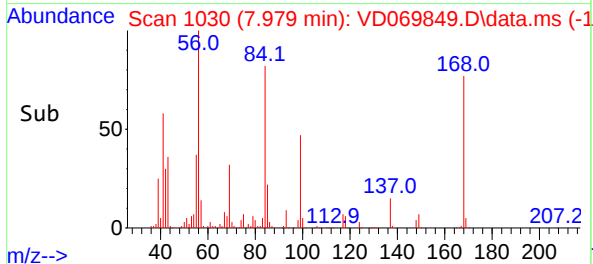
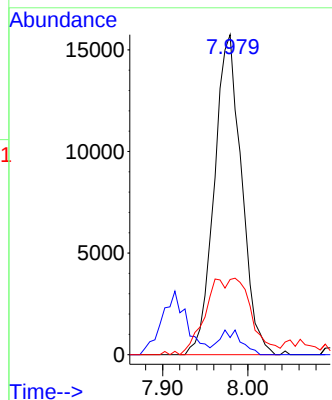
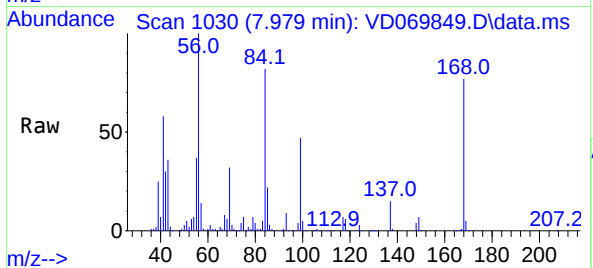




#36  
1,1-Dichloropropene  
Concen: 4.128 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.130 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

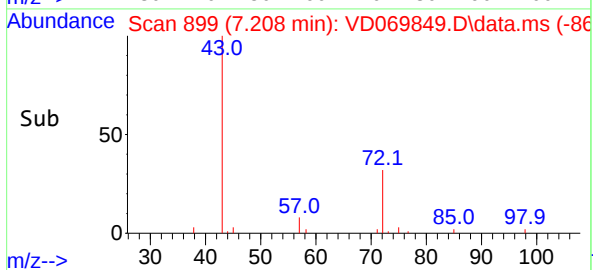
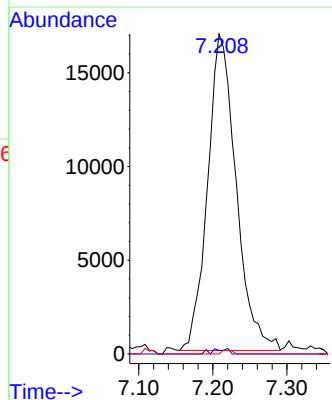
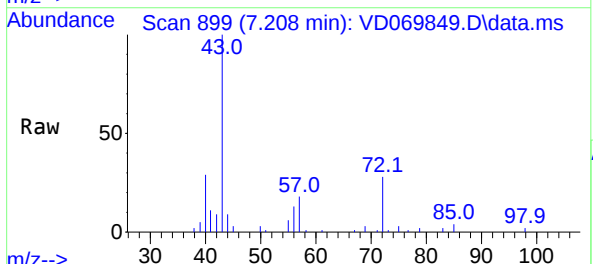
Instrument :  
MSVOA\_D  
ClientSampled :

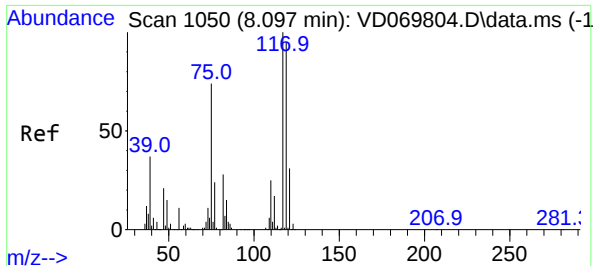
Tgt Ion: 75 Resp: 34890  
Ion Ratio Lower Upper  
75 100  
110 6.3 16.9 50.7#  
77 19.0 24.9 37.3#



#37  
Ethyl Acetate  
Concen: 14.697 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.082 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion: 43 Resp: 45227  
Ion Ratio Lower Upper  
43 100  
61 0.9 11.8 17.8#  
70 0.0 8.9 13.3#

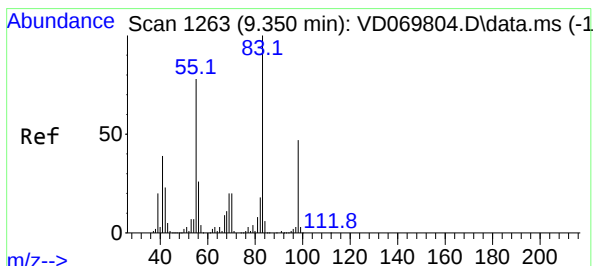
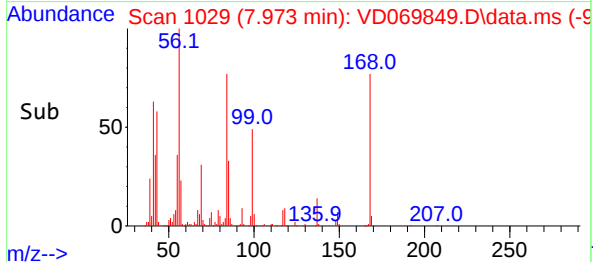
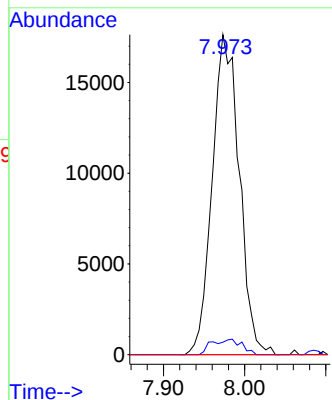
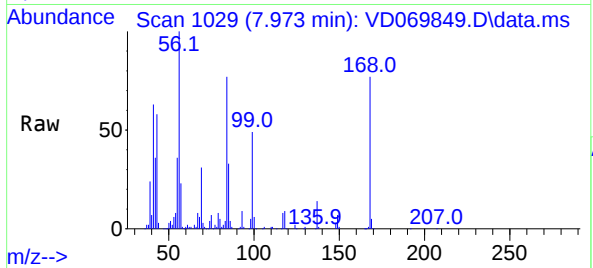




#38  
Carbon Tetrachloride  
Concen: 5.278 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. -0.124 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

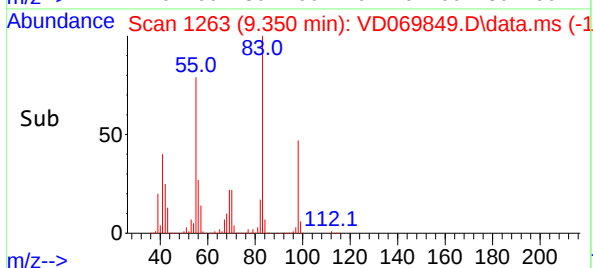
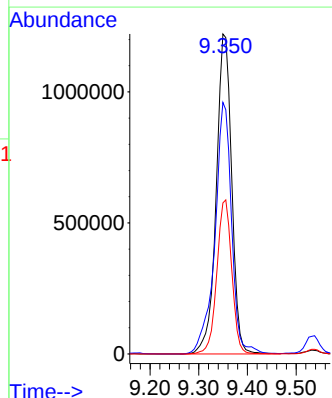
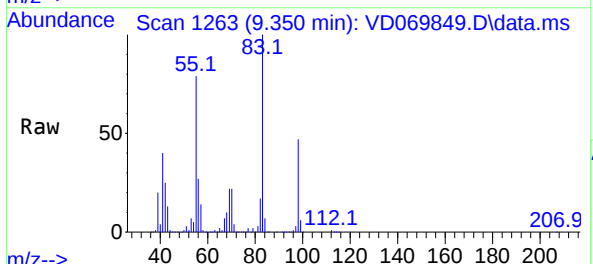
Instrument :  
MSVOA\_D  
ClientSampleId :

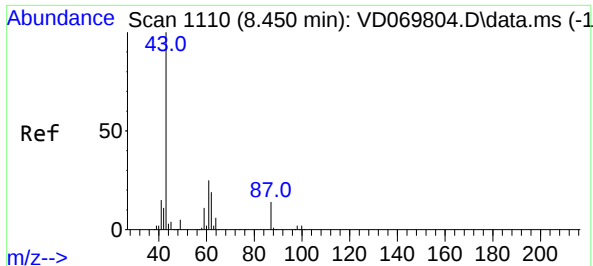
Tgt Ion:117 Resp: 40755  
Ion Ratio Lower Upper  
117 100  
119 3.9 76.2 114.2#  
121 0.0 24.5 36.7#



#39  
Methylcyclohexane  
Concen: 278.308 ug/l  
RT: 9.350 min Scan# 1263  
Delta R.T. -0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion: 83 Resp: 2694283  
Ion Ratio Lower Upper  
83 100  
55 78.6 62.2 93.2  
98 47.2 37.8 56.8

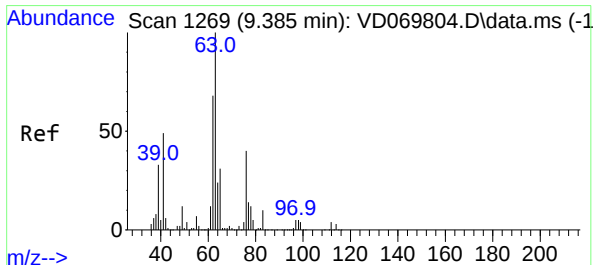
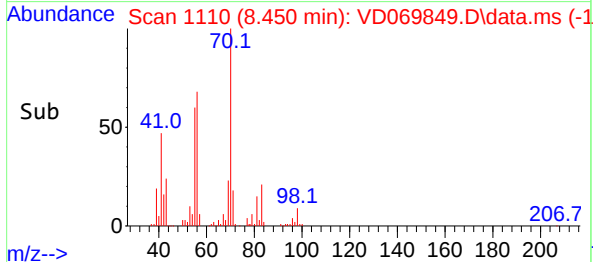
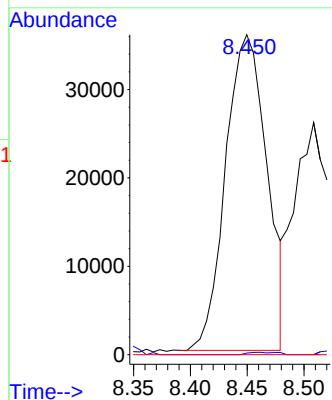
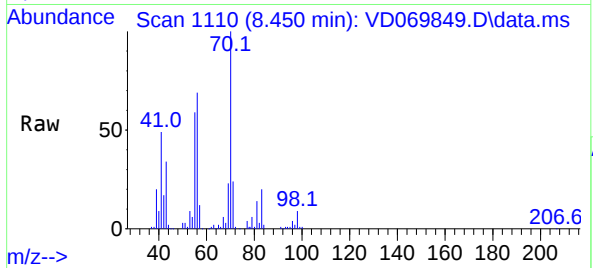




#43  
Isopropyl Acetate  
Concen: 16.382 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

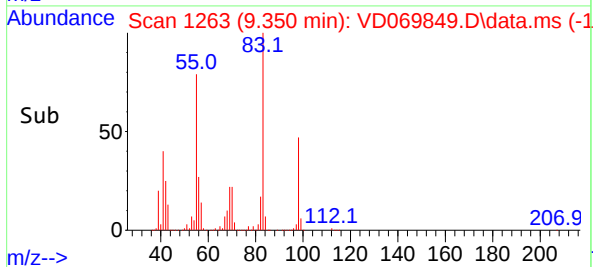
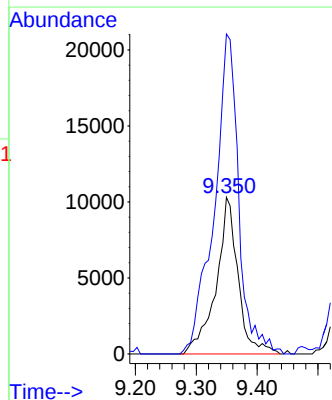
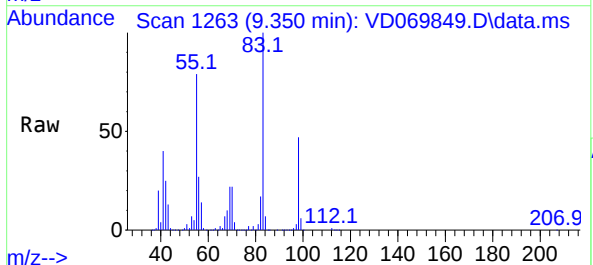
Instrument :  
MSVOA\_D  
ClientSampleId :

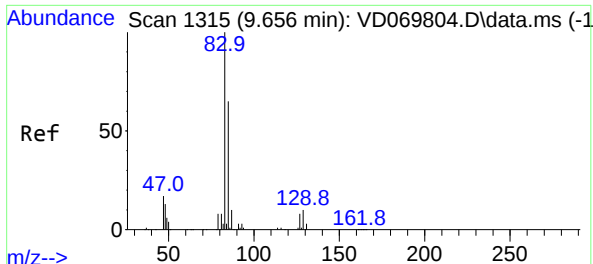
Tgt Ion: 43 Resp: 90413  
Ion Ratio Lower Upper  
43 100  
61 0.5 27.8 41.6#  
87 0.0 11.3 16.9#



#45  
1,2-Dichloropropane  
Concen: 4.017 ug/l  
RT: 9.350 min Scan# 1263  
Delta R.T. -0.035 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion: 63 Resp: 25839  
Ion Ratio Lower Upper  
63 100  
65 204.3 24.9 37.3#

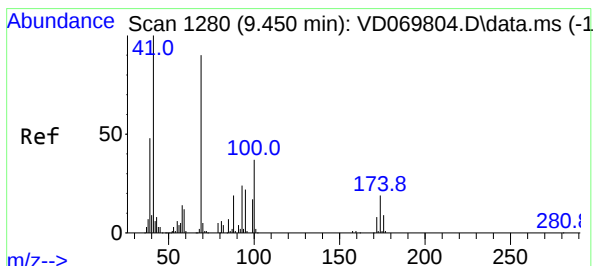
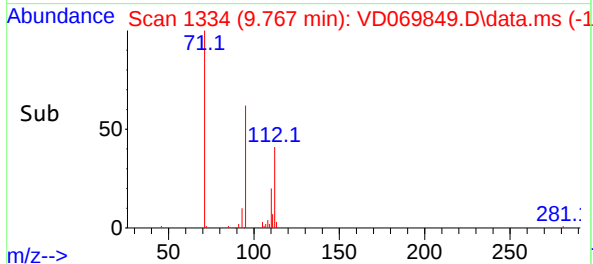
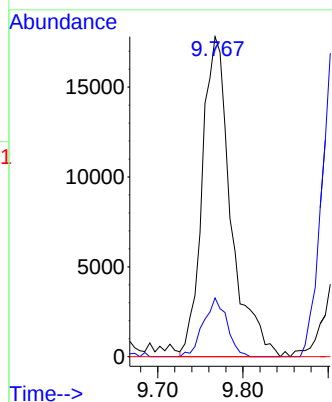
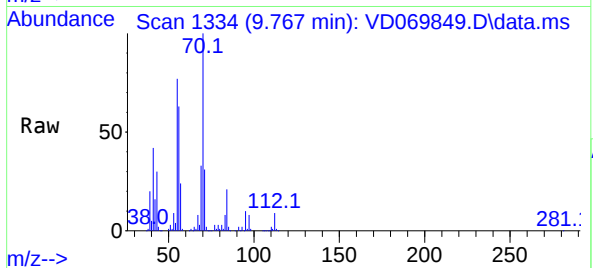




#47  
Bromodichloromethane  
Concen: 5.075 ug/l  
RT: 9.767 min Scan# 1334  
Delta R.T. 0.112 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

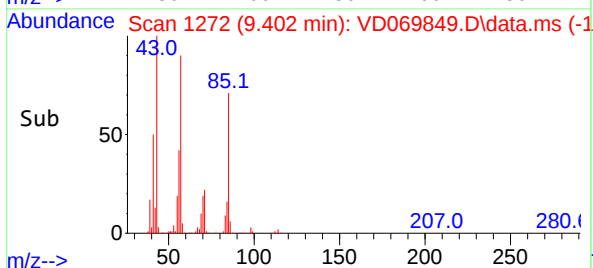
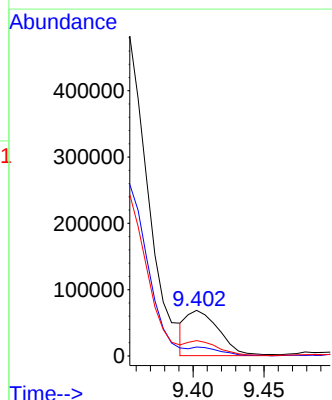
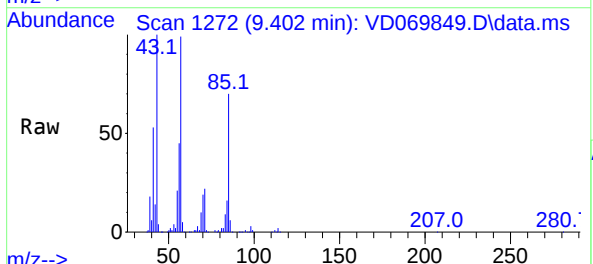
Instrument :  
MSVOA\_D  
ClientSampleId :

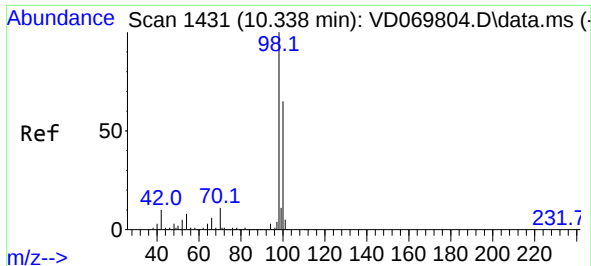
Tgt Ion: 83 Resp: 41694  
Ion Ratio Lower Upper  
83 100  
85 18.3 52.0 78.0#  
127 0.0 6.6 10.0#



#48  
Methyl methacrylate  
Concen: 38.108 ug/l  
RT: 9.402 min Scan# 1272  
Delta R.T. -0.047 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion: 41 Resp: 109953  
Ion Ratio Lower Upper  
41 100  
69 0.0 73.4 110.2#  
39 0.0 36.6 55.0#

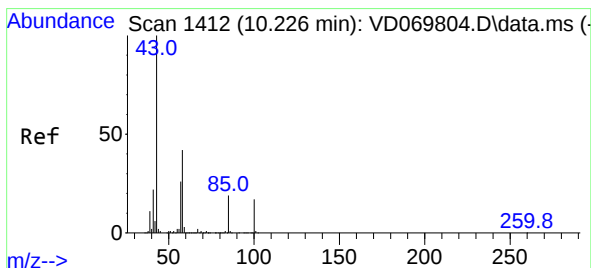
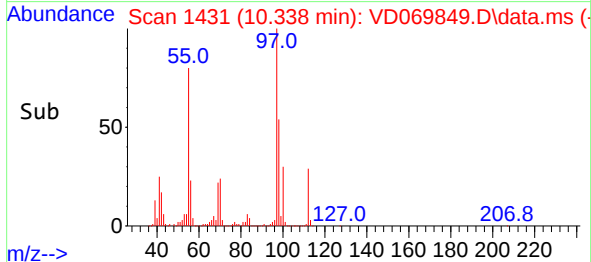
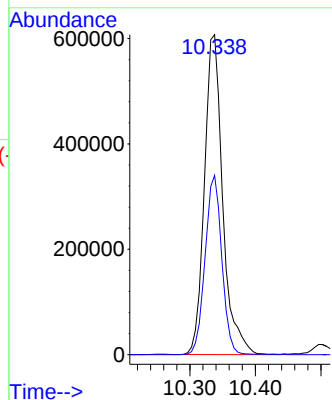
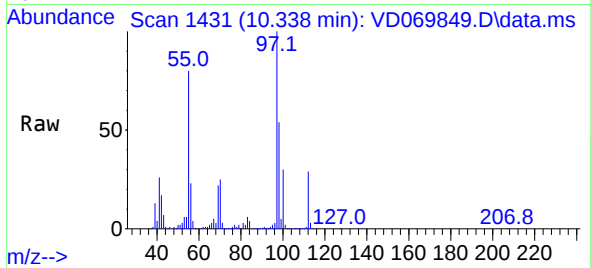




#50  
Toluene-d8  
Concen: 61.885 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

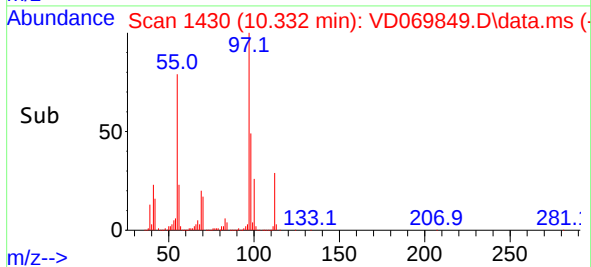
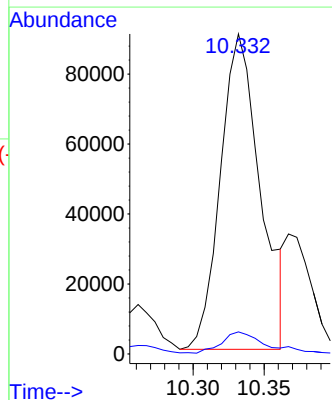
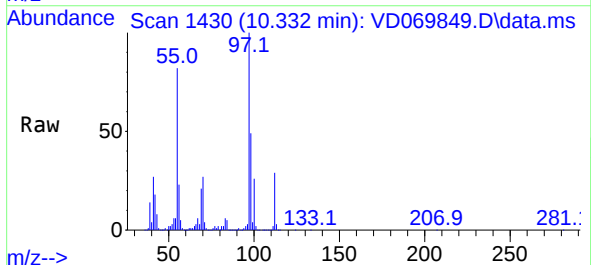
Instrument :  
MSVOA\_D  
ClientSampled :

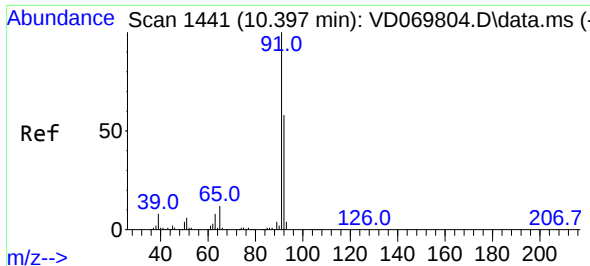
Tgt Ion: 98 Resp: 1178285  
Ion Ratio Lower Upper  
98 100  
100 51.3 51.9 77.9#



#51  
4-Methyl-2-Pentanone  
Concen: 61.329 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. 0.106 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion: 43 Resp: 176134  
Ion Ratio Lower Upper  
43 100  
58 8.1 33.7 50.5#

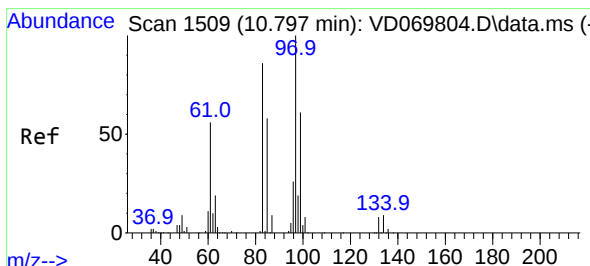
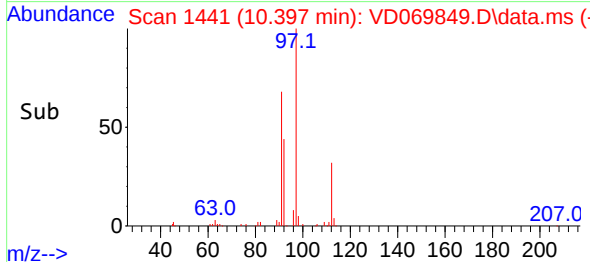
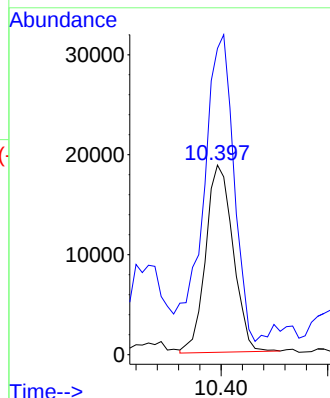
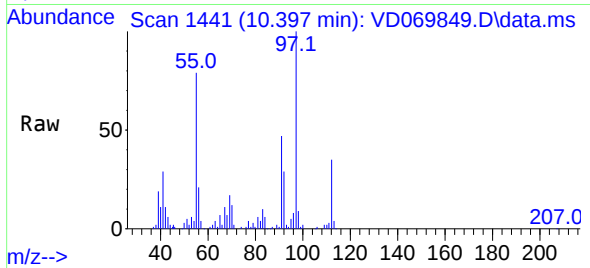




#52  
Toluene  
Concen: 2.255 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

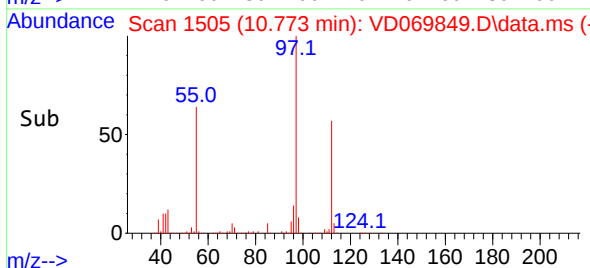
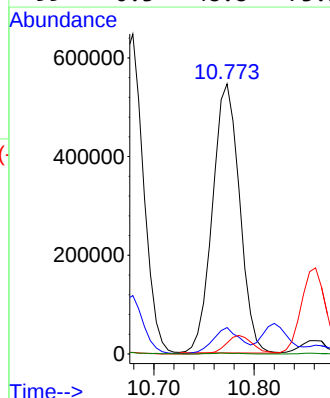
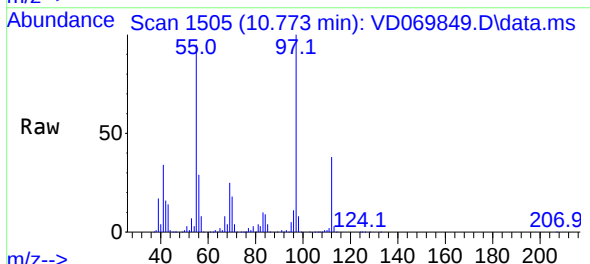
Instrument :  
MSVOA\_D  
ClientSampled :

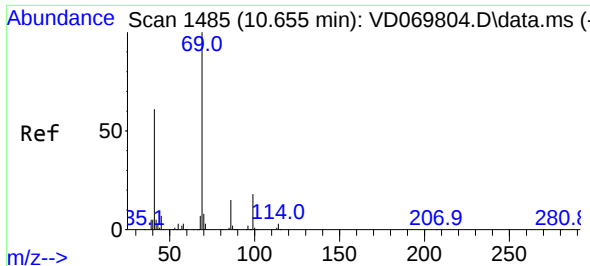
Tgt Ion: 92 Resp: 33494  
Ion Ratio Lower Upper  
92 100  
91 178.6 138.7 208.1



#55  
1,1,2-Trichloroethane  
Concen: 229.000 ug/l  
RT: 10.773 min Scan# 1505  
Delta R.T. -0.024 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion: 97 Resp: 1022709  
Ion Ratio Lower Upper  
97 100  
83 9.7 69.1 103.7#  
85 4.1 46.2 69.2#  
99 0.3 48.8 73.2#

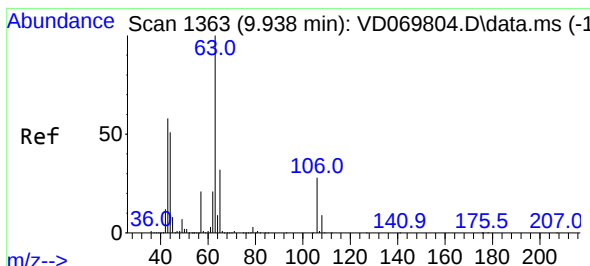
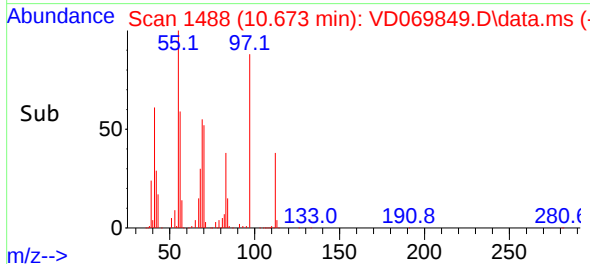
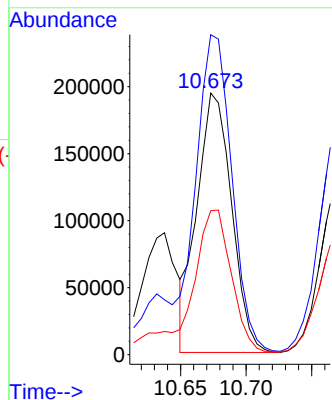
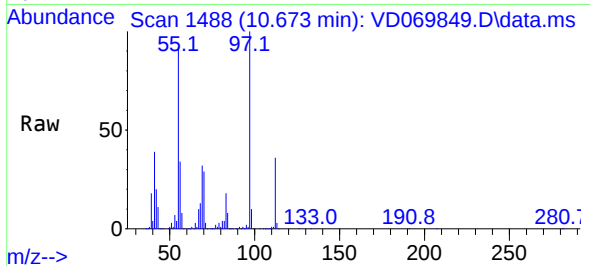




#56  
Ethyl methacrylate  
Concen: 63.335 ug/l  
RT: 10.673 min Scan# 1488  
Delta R.T. 0.018 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

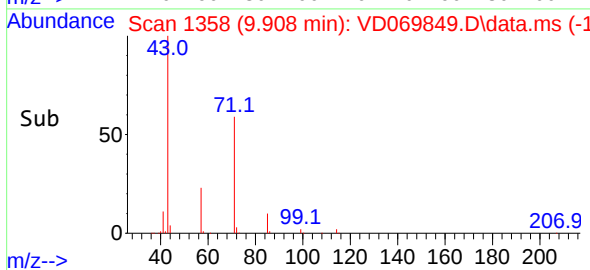
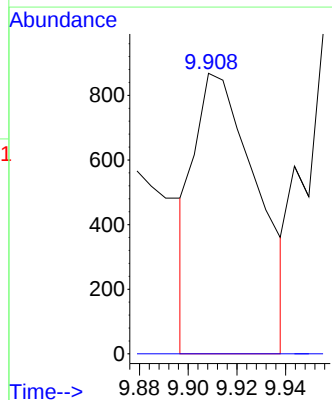
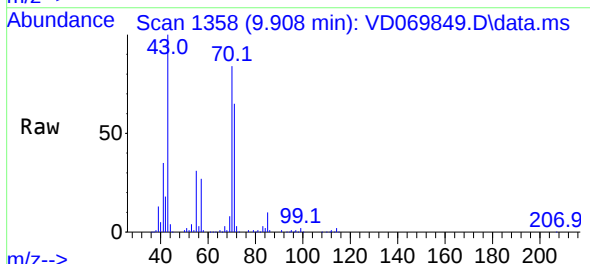
Instrument :  
MSVOA\_D  
ClientSampled :

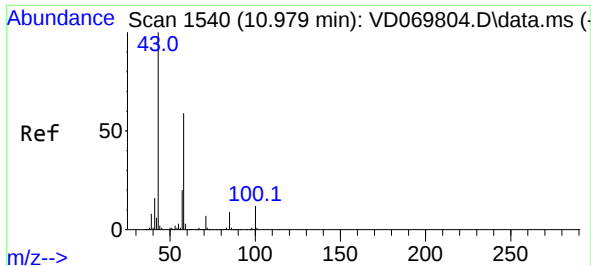
Tgt Ion: 69 Resp: 355933  
Ion Ratio Lower Upper  
69 100  
41 127.0 50.2 75.2#  
39 67.1 22.0 33.0#



#58  
2-Chloroethyl Vinyl ether  
Concen: 21.457 ug/l  
RT: 9.908 min Scan# 1358  
Delta R.T. -0.030 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion: 63 Resp: 1555  
Ion Ratio Lower Upper  
63 100  
106 0.0 21.8 32.6#

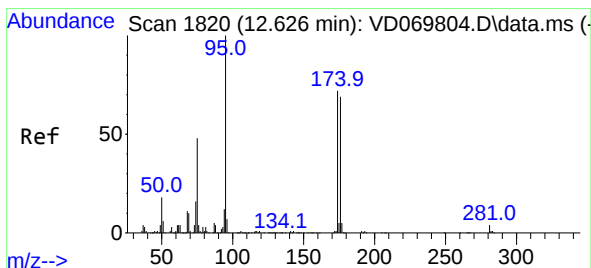
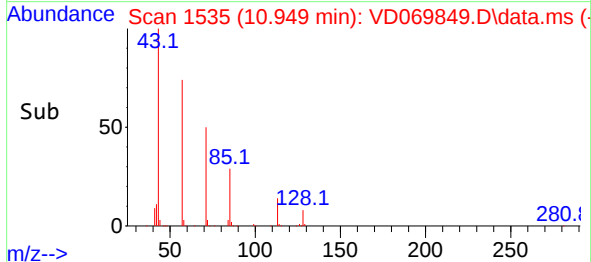
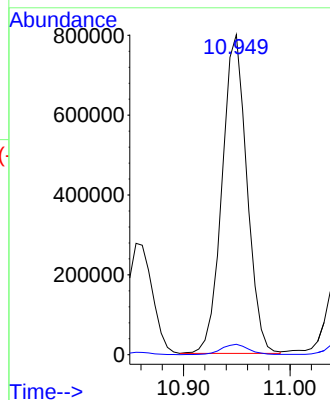
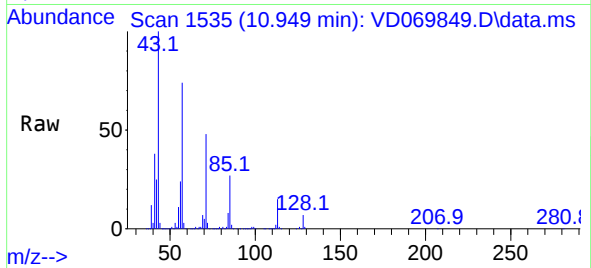




#59  
2-Hexanone  
Concen: 679.554 ug/l  
RT: 10.949 min Scan# 1535  
Delta R.T. -0.030 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

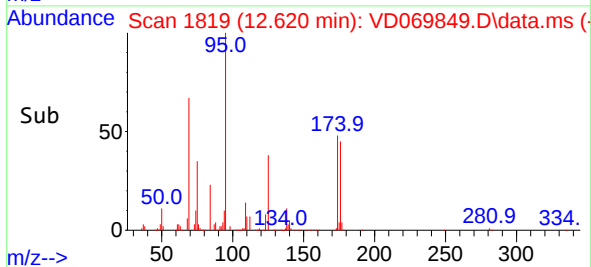
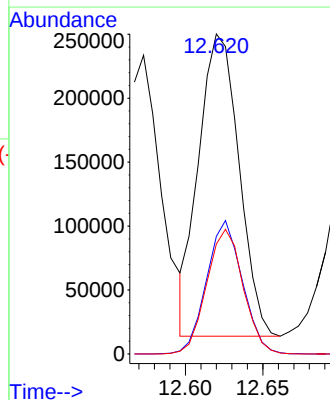
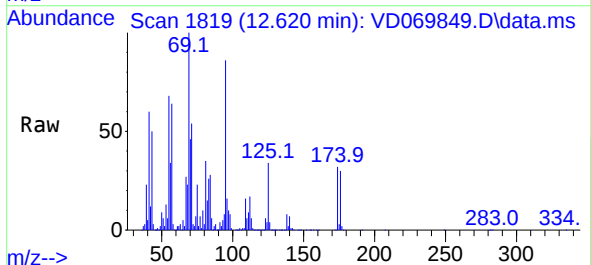
Instrument :  
MSVOA\_D  
ClientSampled :

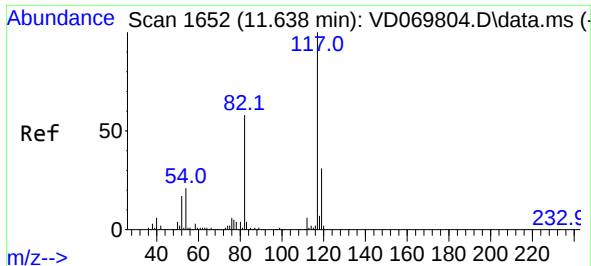
Tgt Ion: 43 Resp: 1290933  
Ion Ratio Lower Upper  
43 100  
58 3.6 29.4 88.3#



#62  
4-Bromofluorobenzene  
Concen: 67.155 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.006 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion: 95 Resp: 427321  
Ion Ratio Lower Upper  
95 100  
174 39.2 0.0 142.6  
176 37.2 0.0 134.2

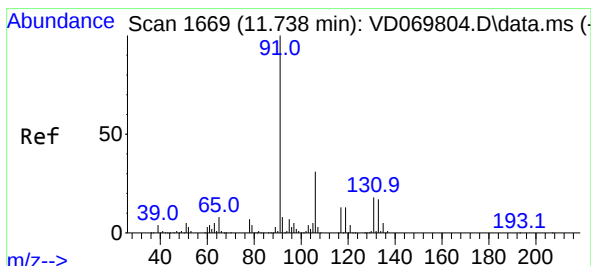
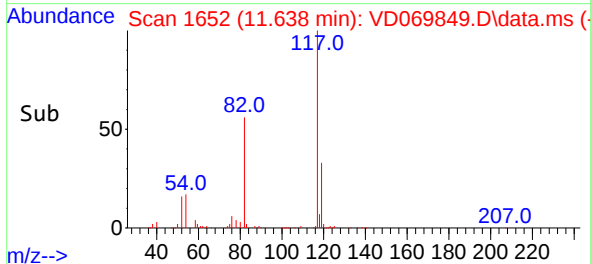
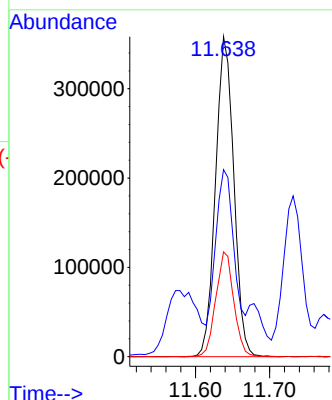
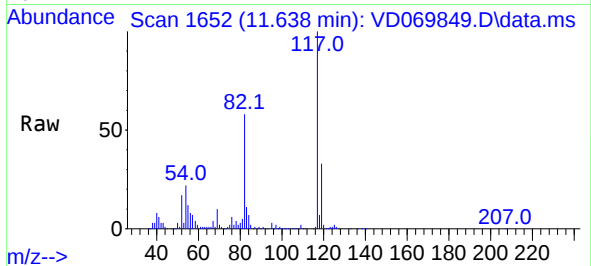




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

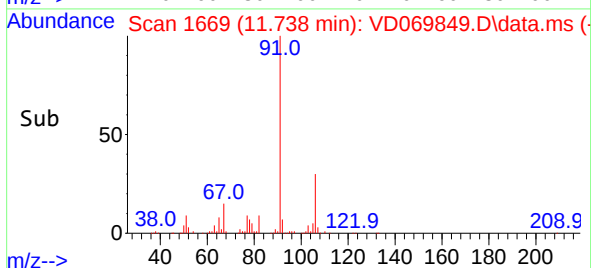
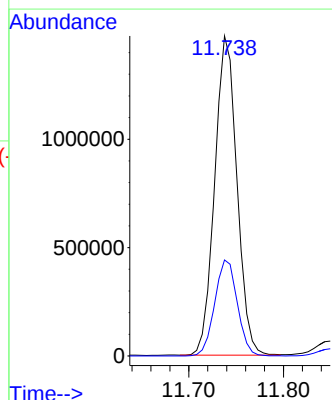
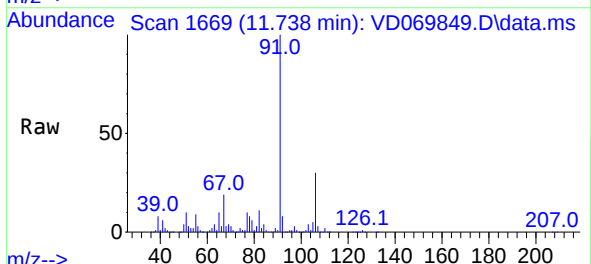
Instrument :  
MSVOA\_D  
ClientSampled :

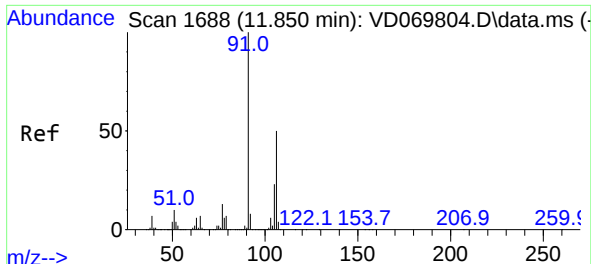
Tgt Ion:117 Resp: 613538  
Ion Ratio Lower Upper  
117 100  
82 40.0 46.3 69.5#  
119 32.8 24.7 37.1



#67  
Ethyl Benzene  
Concen: 107.479 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion: 91 Resp: 2405254  
Ion Ratio Lower Upper  
91 100  
106 30.0 24.9 37.3

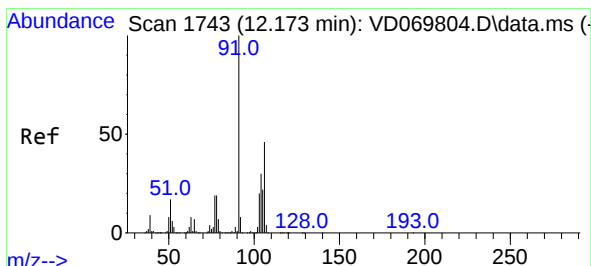
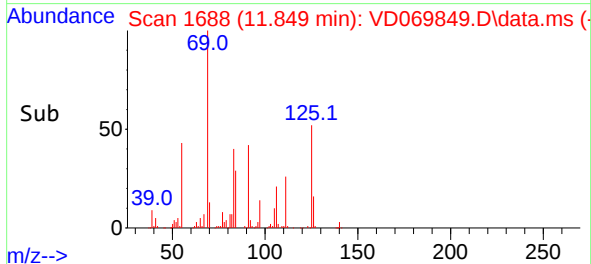
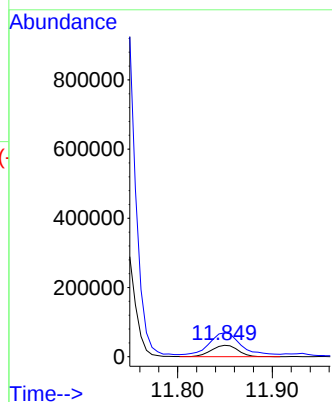
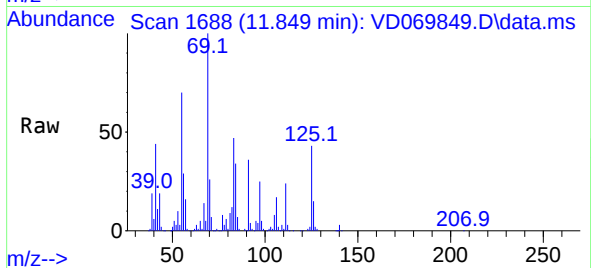




#68  
m/p-Xylenes  
Concen: 7.448 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

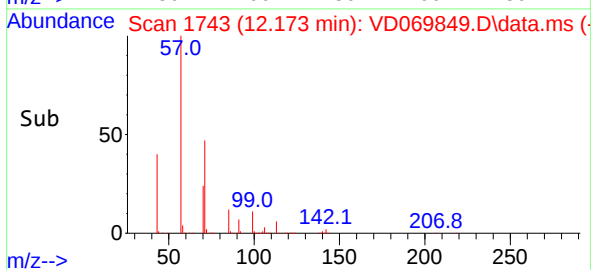
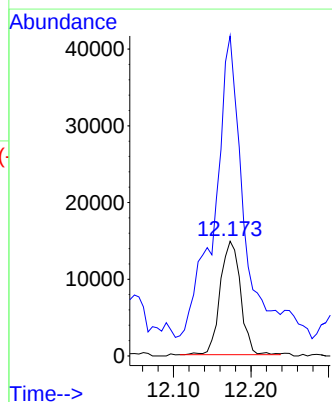
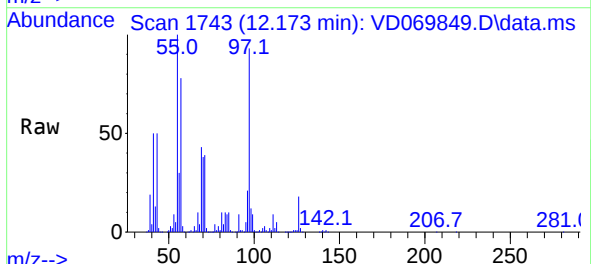
Instrument :  
MSVOA\_D  
ClientSampleId :

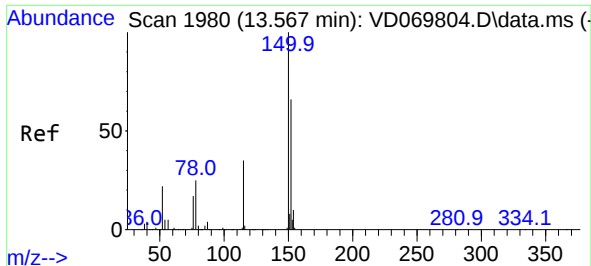
Tgt Ion:106 Resp: 64611  
Ion Ratio Lower Upper  
106 100  
91 216.0 162.4 243.6



#69  
o-Xylene  
Concen: 3.434 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion:106 Resp: 27082  
Ion Ratio Lower Upper  
106 100  
91 368.0 107.6 322.8#

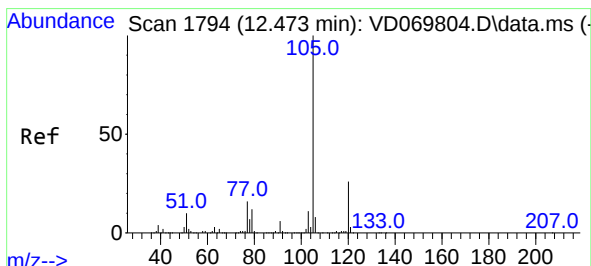
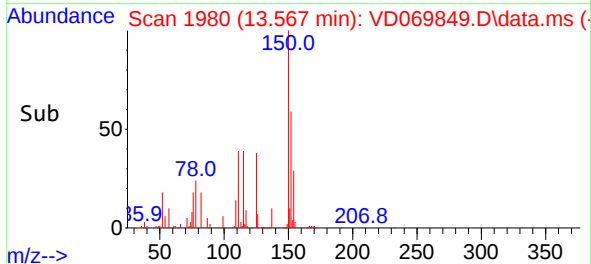
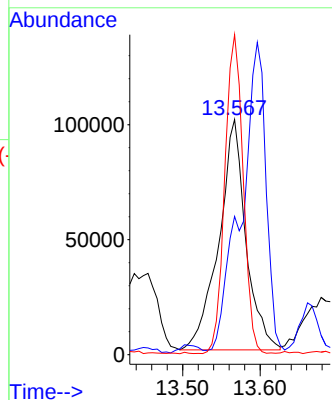
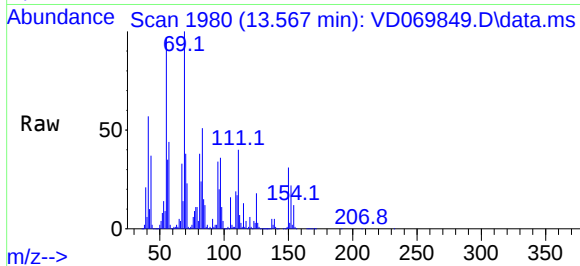




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

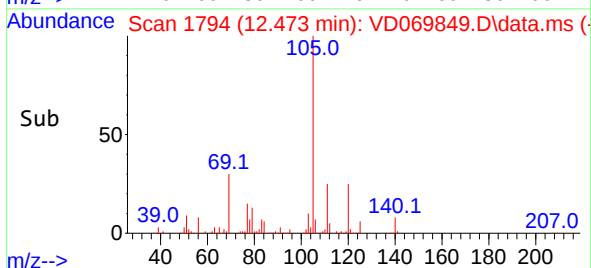
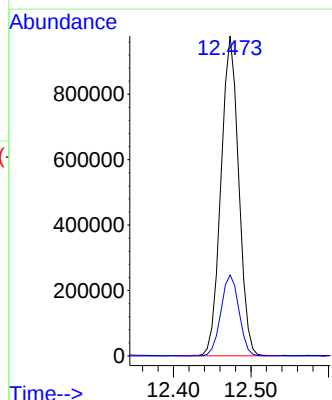
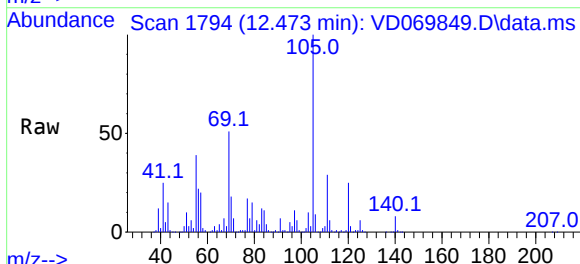
Instrument :  
MSVOA\_D  
ClientSampled :

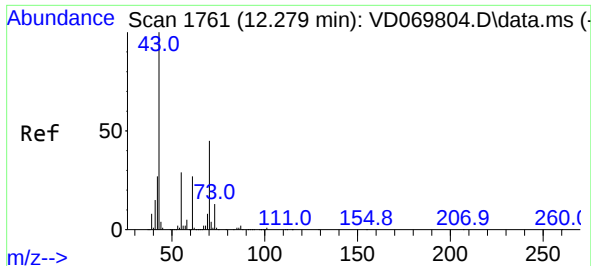
Tgt Ion:152 Resp: 243302  
Ion Ratio Lower Upper  
152 100  
115 0.0 31.1 93.3#  
150 93.5 0.0 343.0



#73  
Isopropylbenzene  
Concen: 88.695 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

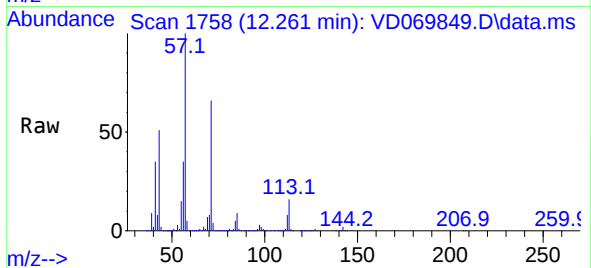
Tgt Ion:105 Resp: 1550522  
Ion Ratio Lower Upper  
105 100  
120 25.7 13.0 38.9



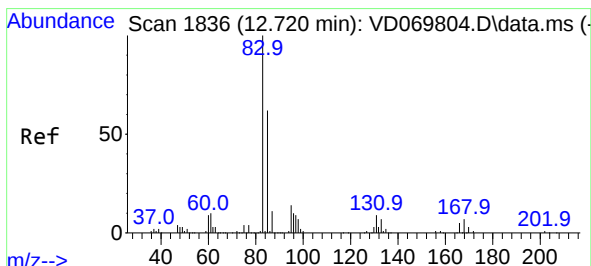
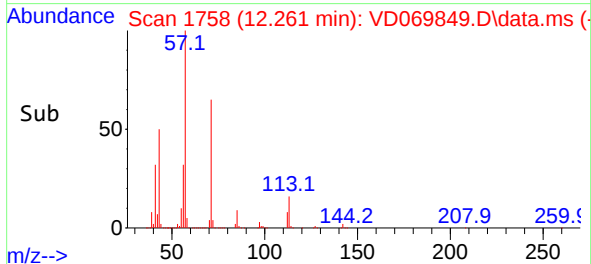
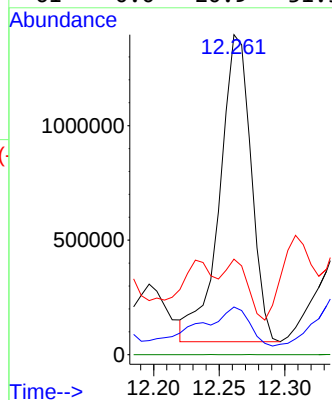


#74  
N-amy1 acetate  
Concen: 621.206 ug/l  
RT: 12.261 min Scan# 1758  
Delta R.T. -0.018 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Instrument :  
MSVOA\_D  
ClientSampleId :

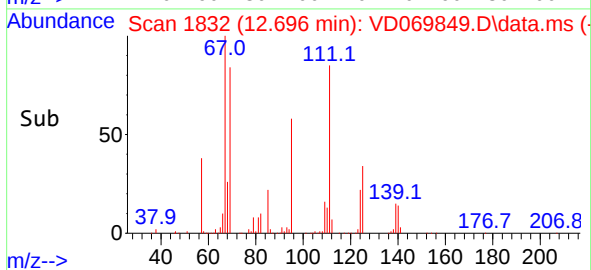
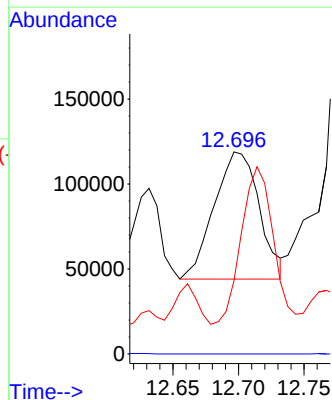
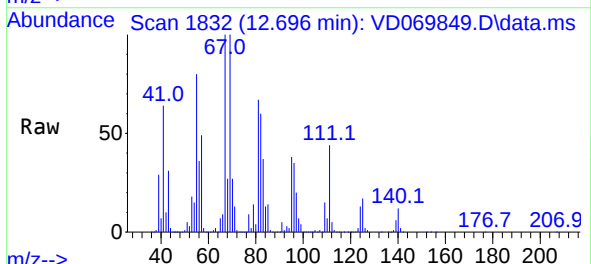


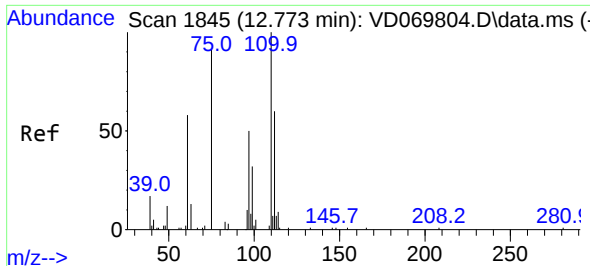
Tgt Ion: 43 Resp: 2233735  
Ion Ratio Lower Upper  
43 100  
70 20.1 37.9 56.9#  
55 0.0 23.7 35.5#  
61 0.0 20.9 31.3#



#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.218 ug/l  
RT: 12.696 min Scan# 1832  
Delta R.T. -0.024 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion: 83 Resp: 178811  
Ion Ratio Lower Upper  
83 100  
131 0.0 4.9 14.6#  
85 87.2 31.8 95.4

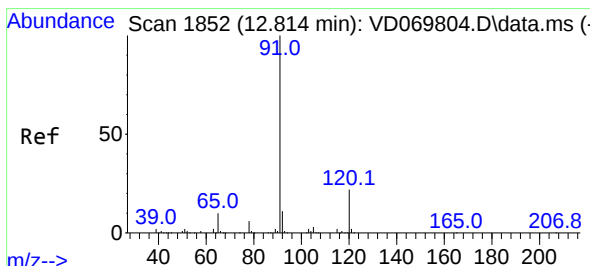
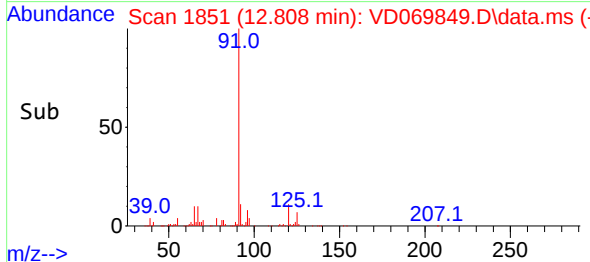
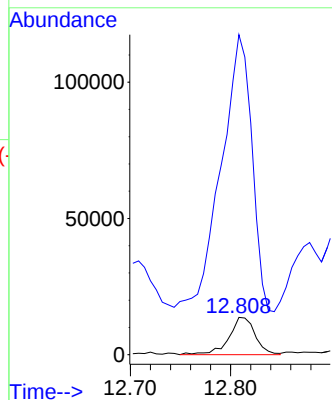
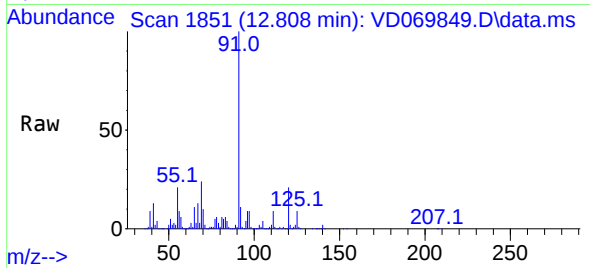




#76  
1,2,3-Trichloropropane  
Concen: 9.689 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. 0.035 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

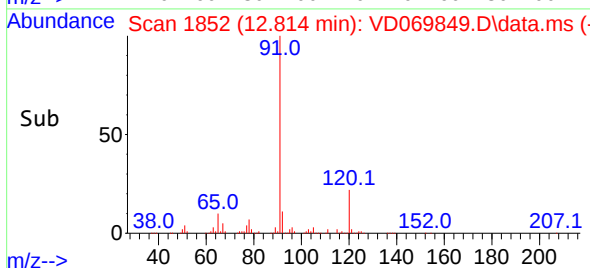
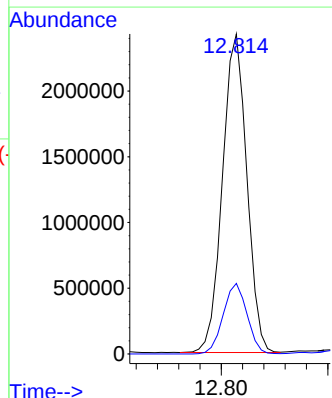
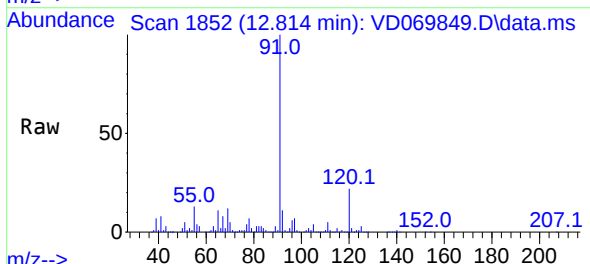
Instrument :  
MSVOA\_D  
ClientSampleId :

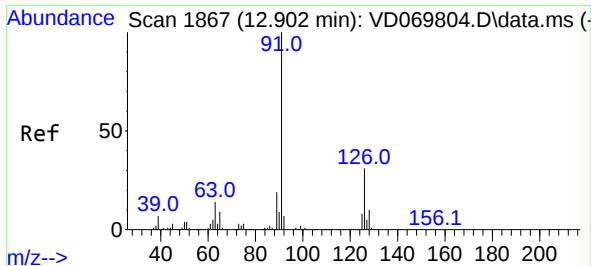
Tgt Ion: 75 Resp: 25057  
Ion Ratio Lower Upper  
75 100  
77 916.2 181.5 544.5#



#78  
n-propylbenzene  
Concen: 171.186 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion: 91 Resp: 3843628  
Ion Ratio Lower Upper  
91 100  
120 21.7 10.9 32.7

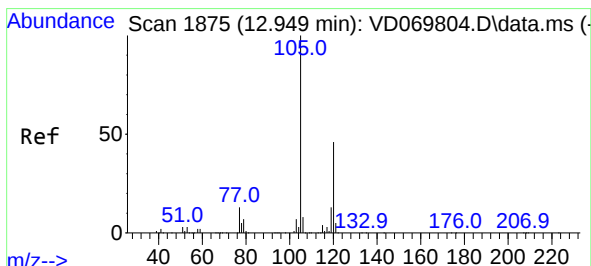
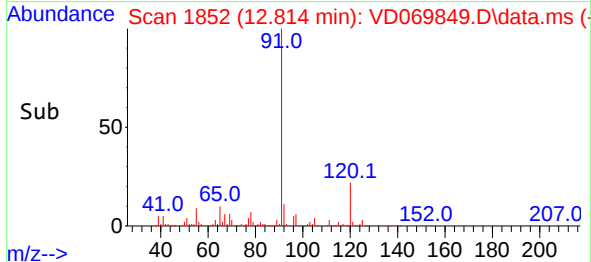
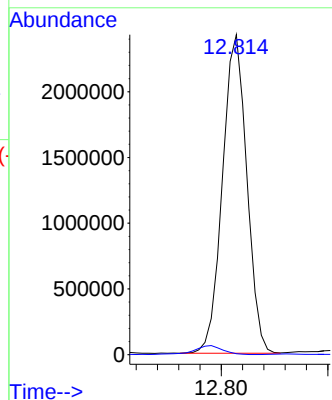
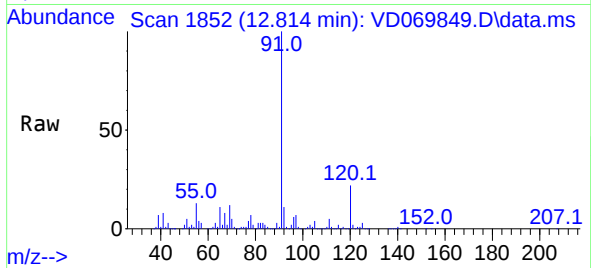




#79  
2-Chlorotoluene  
Concen: 294.714 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. -0.088 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

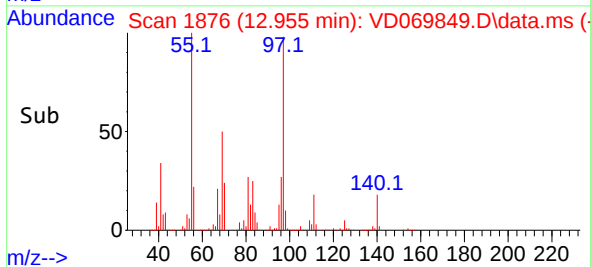
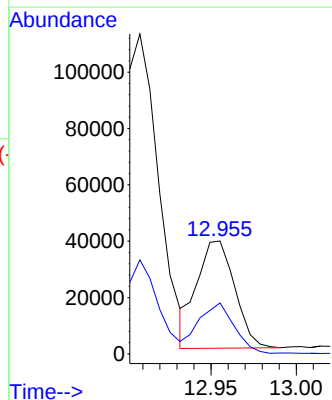
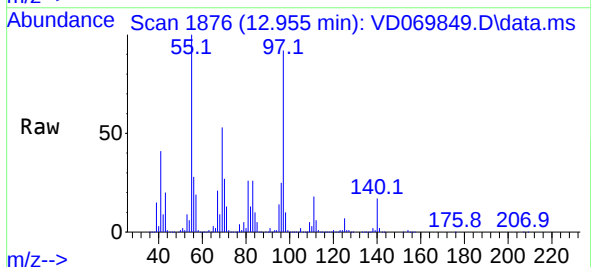
Instrument :  
MSVOA\_D  
ClientSampleId :

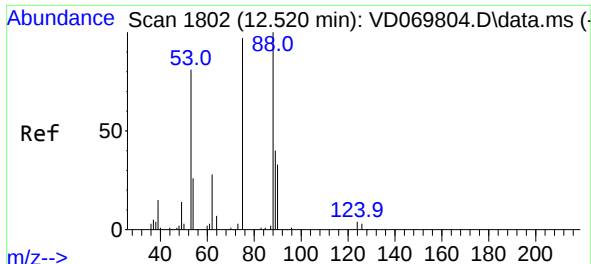
Tgt Ion: 91 Resp: 3843628  
Ion Ratio Lower Upper  
91 100  
126 0.0 15.9 47.7#



#80  
1,3,5-Trimethylbenzene  
Concen: 3.952 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. 0.006 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion:105 Resp: 59093  
Ion Ratio Lower Upper  
105 100  
120 44.9 23.8 71.2

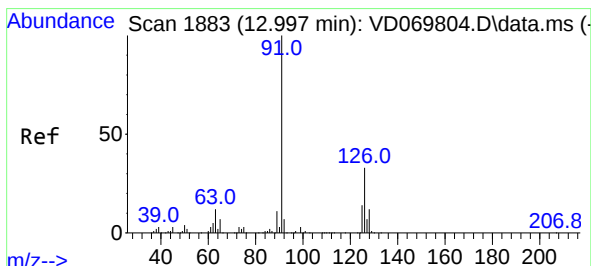
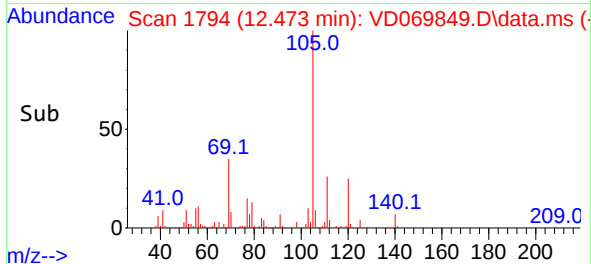
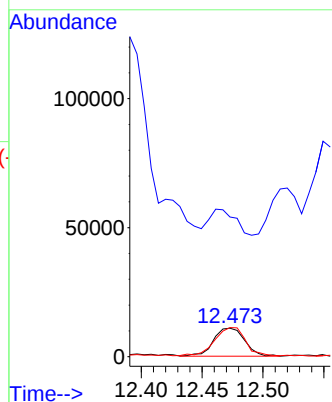
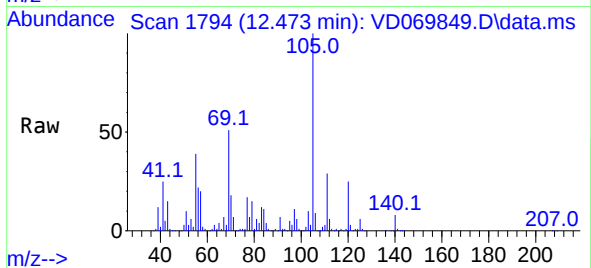




#81  
trans-1,4-Dichloro-2-butene  
Concen: 22.799 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. -0.047 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

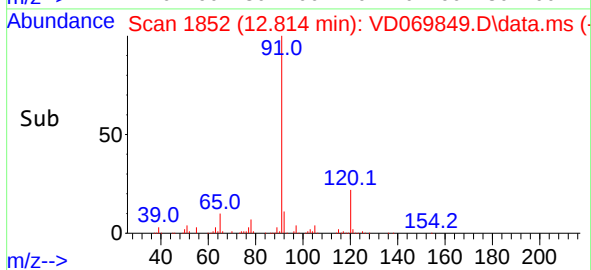
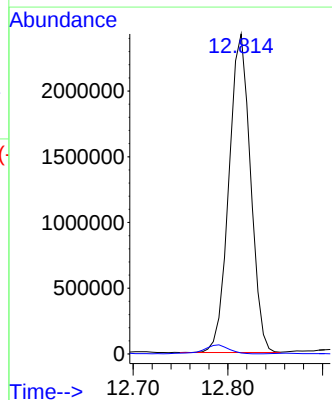
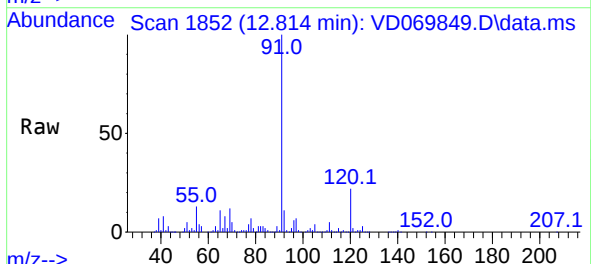
Instrument :  
MSVOA\_D  
ClientSampled :

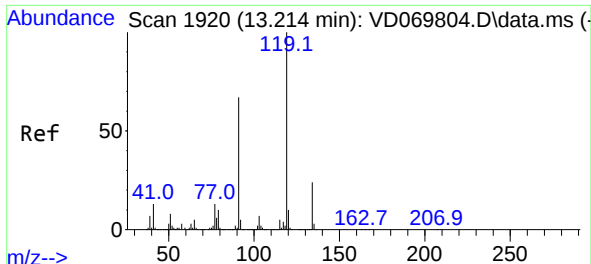
Tgt Ion: 75 Resp: 19435  
Ion Ratio Lower Upper  
75 100  
53 0.0 67.2 100.8#  
89 97.8 35.8 53.6#



#82  
4-Chlorotoluene  
Concen: 281.931 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. -0.182 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion: 91 Resp: 3844069  
Ion Ratio Lower Upper  
91 100  
126 0.0 15.9 47.6#

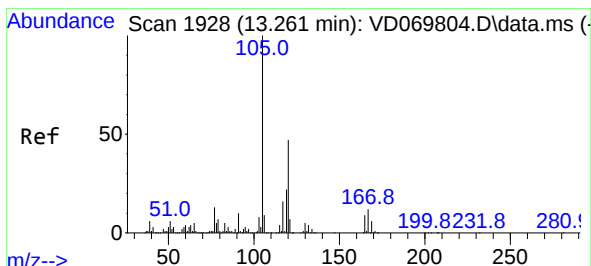
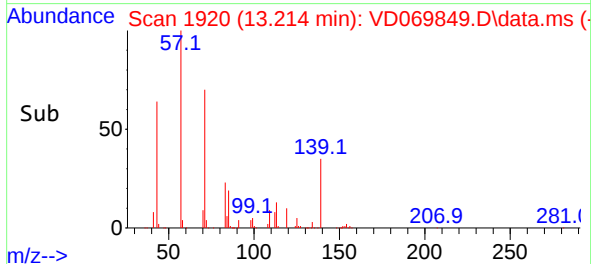
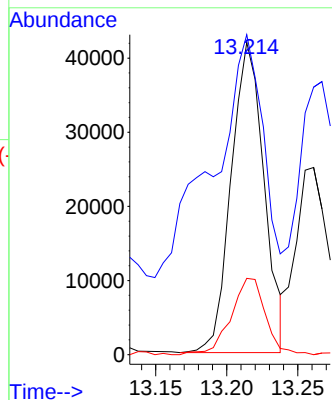
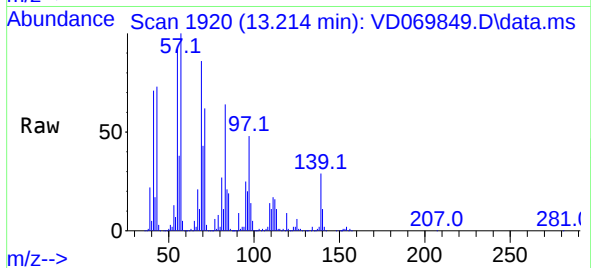




#83  
tert-Butylbenzene  
Concen: 5.552 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. -0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

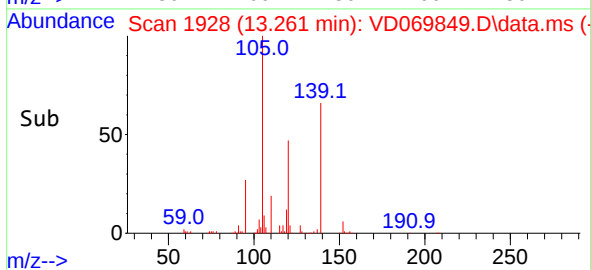
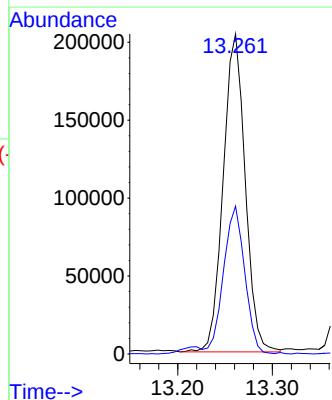
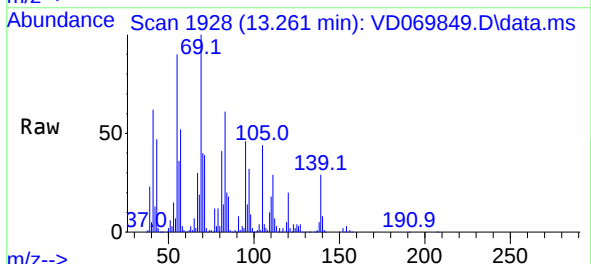
Instrument :  
MSVOA\_D  
ClientSampleId :

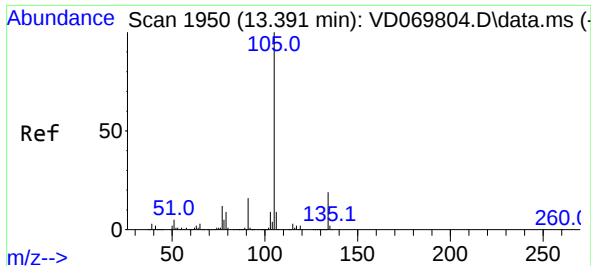
Tgt Ion:119 Resp: 67507  
Ion Ratio Lower Upper  
119 100  
91 116.5 33.7 101.1#  
134 0.0 13.3 39.8#



#84  
1,2,4-Trimethylbenzene  
Concen: 22.356 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. -0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

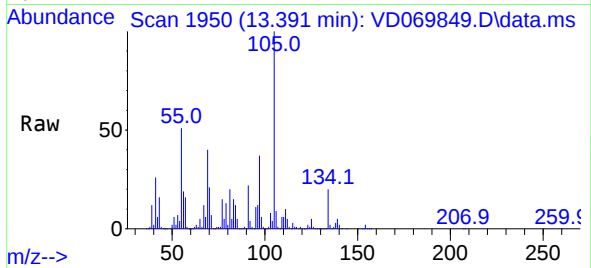
Tgt Ion:105 Resp: 329815  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.6 67.8



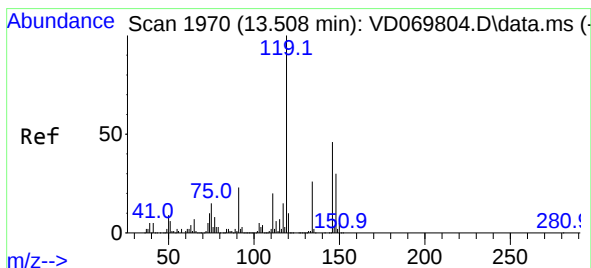
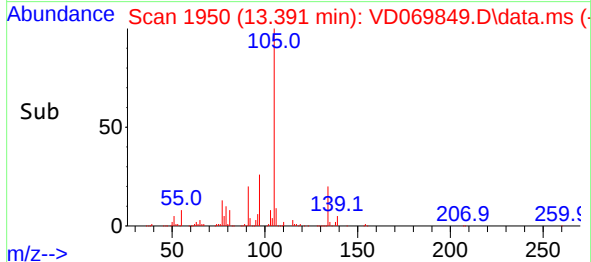
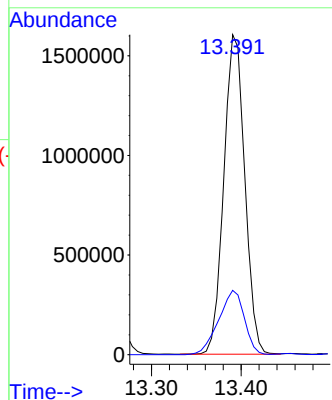


#85  
sec-Butylbenzene  
Concen: 135.272 ug/l  
RT: 13.391 min Scan# 1950  
Delta R.T. -0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

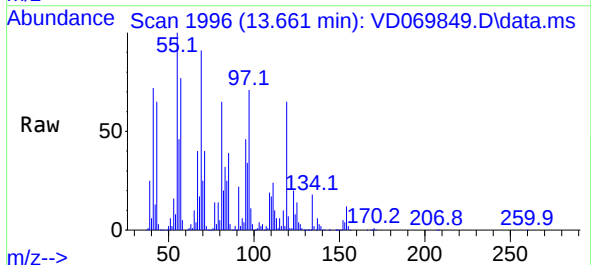
Instrument :  
MSVOA\_D  
ClientSampleId :



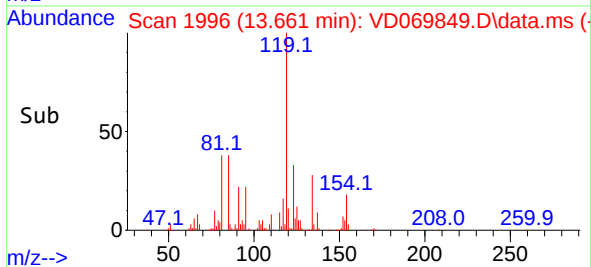
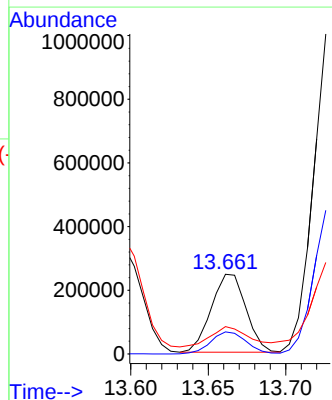
Tgt Ion:105 Resp: 2600055  
Ion Ratio Lower Upper  
105 100  
134 24.7 9.6 28.6

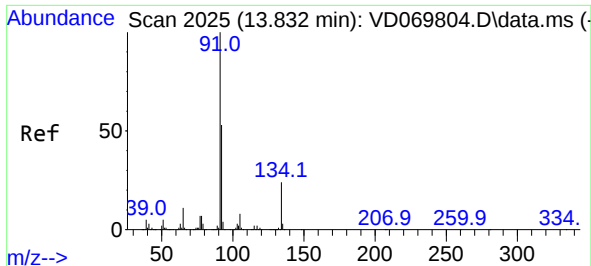


#86  
p-Isopropyltoluene  
Concen: 24.501 ug/l  
RT: 13.661 min Scan# 1996  
Delta R.T. 0.153 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55



Tgt Ion:119 Resp: 382599  
Ion Ratio Lower Upper  
119 100  
134 29.1 12.6 37.8  
91 27.8 11.7 35.1

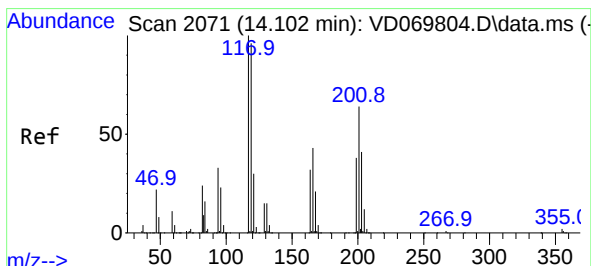
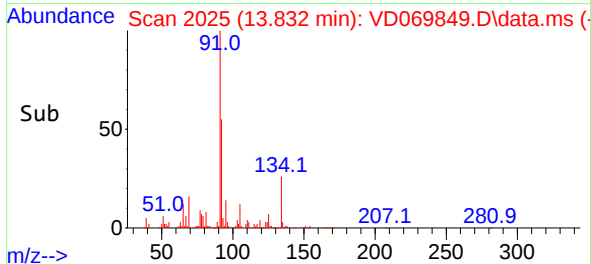
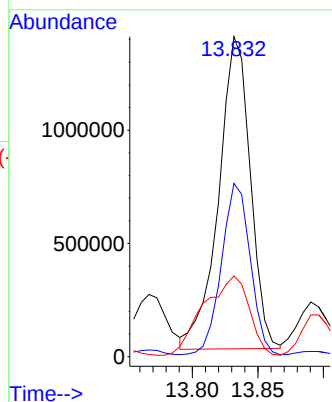
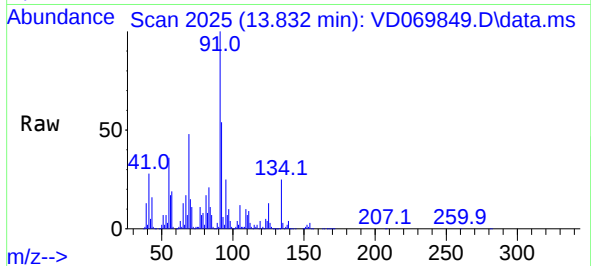




#89  
n-Butylbenzene  
Concen: 150.232 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

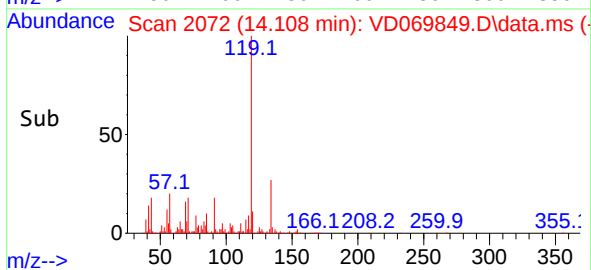
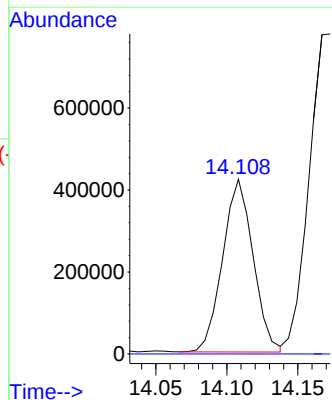
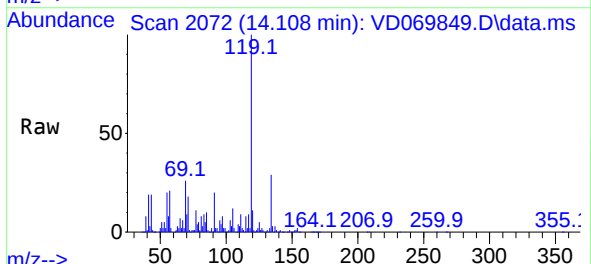
Instrument :  
MSVOA\_D  
ClientSampled :

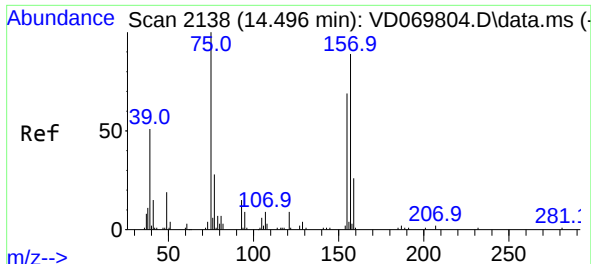
Tgt Ion: 91 Resp: 2315222  
Ion Ratio Lower Upper  
91 100  
92 50.5 26.6 79.7  
134 37.5 11.9 35.7#



#90  
Hexachloroethane  
Concen: 190.193 ug/l  
RT: 14.108 min Scan# 2072  
Delta R.T. 0.006 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion: 117 Resp: 629121  
Ion Ratio Lower Upper  
117 100  
201 0.0 31.9 95.5#

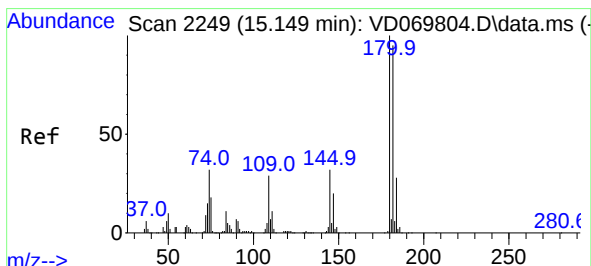
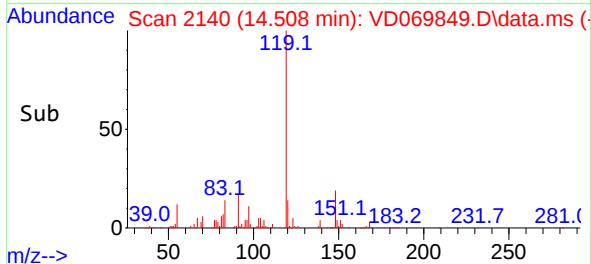
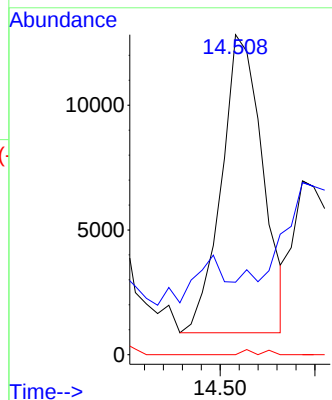
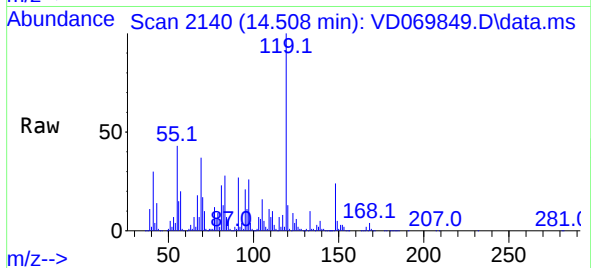




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 36.017 ug/l  
RT: 14.508 min Scan# 2140  
Delta R.T. 0.012 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

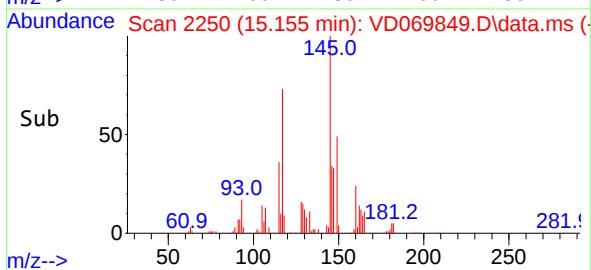
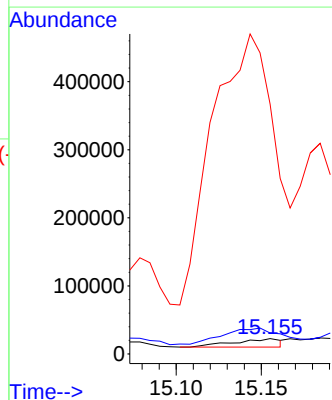
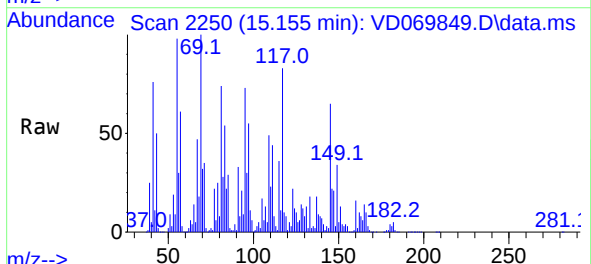
Instrument :  
MSVOA\_D  
ClientSampled :

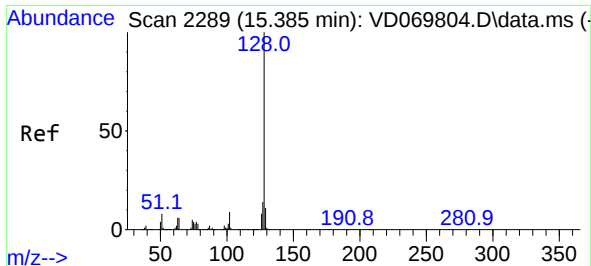
Tgt Ion: 75 Resp: 18106  
Ion Ratio Lower Upper  
75 100  
155 13.8 36.3 108.9#  
157 0.8 47.0 141.0#



#93  
1,2,4-Trichlorobenzene  
Concen: 6.102 ug/l  
RT: 15.155 min Scan# 2250  
Delta R.T. 0.006 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion:180 Resp: 23491  
Ion Ratio Lower Upper  
180 100  
182 246.0 47.6 142.9#  
145 5451.2 16.4 49.2#

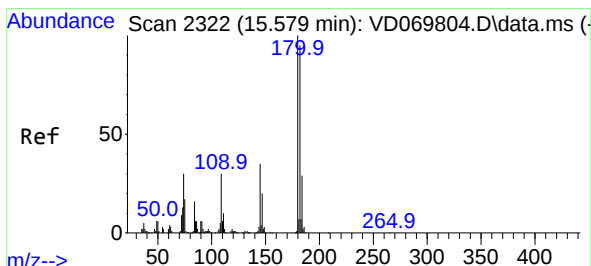
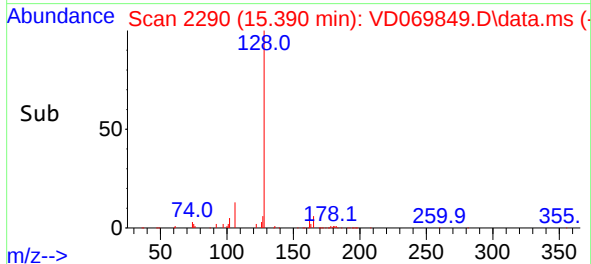
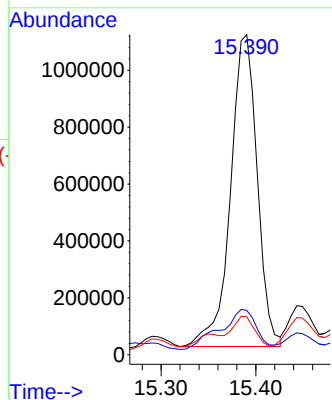
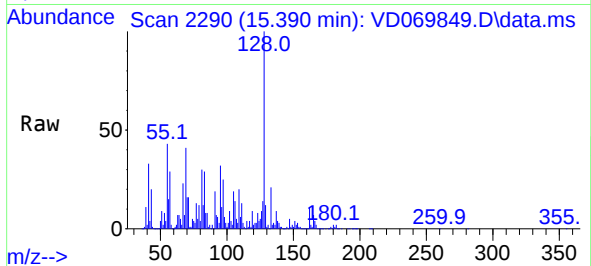




#95  
Naphthalene  
Concen: 248.628 ug/l  
RT: 15.390 min Scan# 2290  
Delta R.T. 0.005 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Instrument :  
MSVOA\_D  
ClientSampled :

Tgt Ion:128 Resp: 2152656  
Ion Ratio Lower Upper  
128 100  
127 17.5 10.6 16.0#  
129 8.0 8.6 12.8#



#96  
1,2,3-Trichlorobenzene  
Concen: 22.866 ug/l  
RT: 15.537 min Scan# 2315  
Delta R.T. -0.041 min  
Lab File: VD069849.D  
Acq: 26 Jul 2021 15:55

Tgt Ion:180 Resp: 76121  
Ion Ratio Lower Upper  
180 100  
182 22.2 47.3 142.0#  
145 1092.6 17.3 51.9#

