

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD071421\  
 Data File : VD069699.D  
 Acq On : 14 Jul 2021 20:31  
 Operator : VA/SY  
 Sample : M3026-04  
 Misc : 10.19G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 ABN-JG-2

Quant Time: Jul 15 03:33:23 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D071321S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 14 06:00:31 2021  
 Response via : Initial Calibration

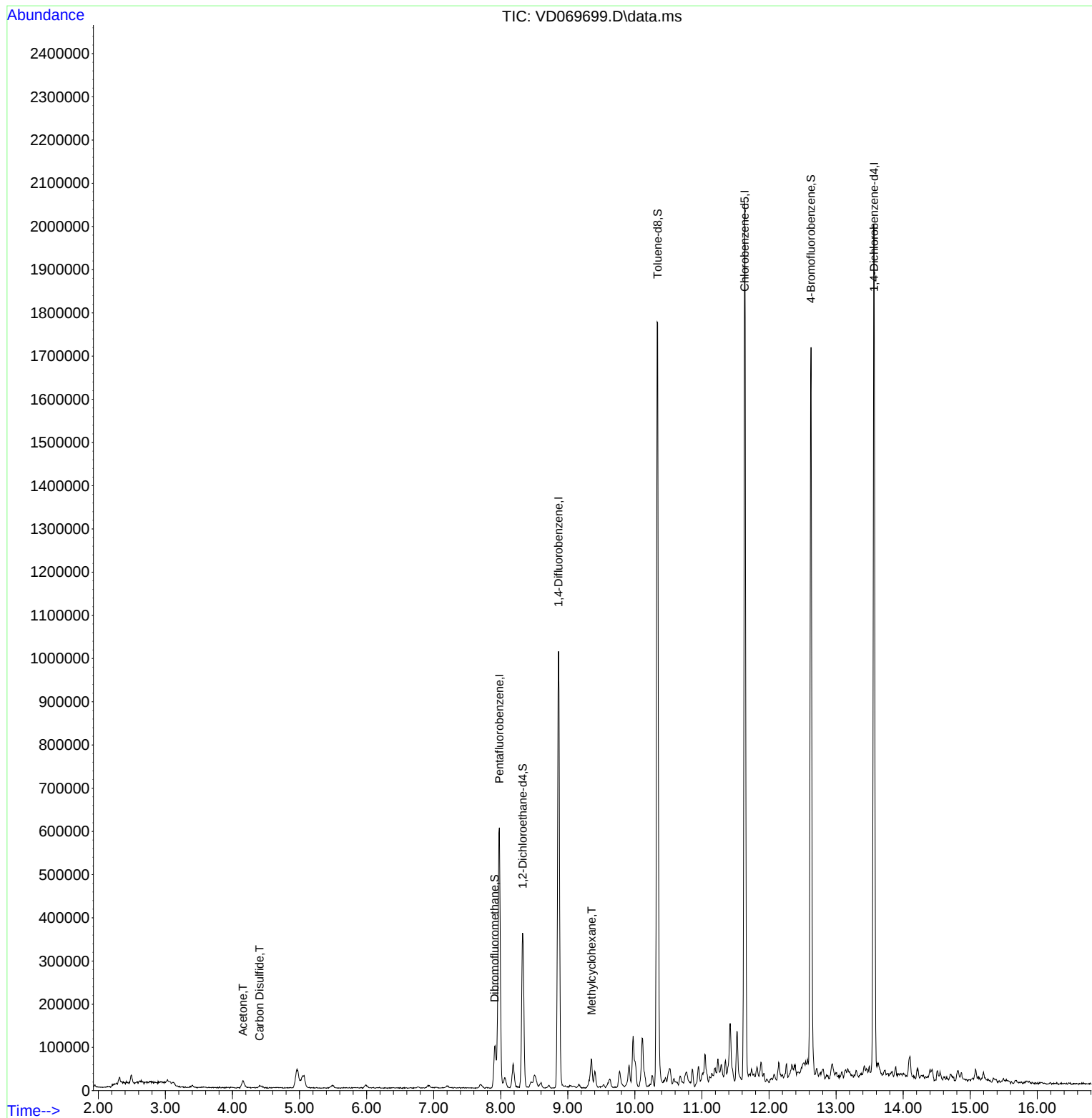
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|--------|-----------|
| -----                       |        |       |          |          |        |           |
| Internal Standards          |        |       |          |          |        |           |
| 1) Pentafluorobenzene       | 7.979  | 168   | 411243   | 50.000   | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 860280   | 50.000   | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 1130718  | 50.000   | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.567 | 152   | 514547   | 50.000   | ug/l   | 0.00      |
|                             |        |       |          |          |        |           |
| System Monitoring Compounds |        |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 289393   | 56.358   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 112.720%  |
| 35) Dibromofluoromethane    | 7.909  | 113   | 70429    | 12.203   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 24.400%#  |
| 50) Toluene-d8              | 10.338 | 98    | 1203604  | 53.679   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 107.360%  |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 559883   | 74.871   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 149.740%# |
|                             |        |       |          |          |        |           |
| Target Compounds            |        |       |          |          |        | Qvalue    |
| 16) Acetone                 | 4.156  | 43    | 28946    | 37.489   | ug/l   | 94        |
| 17) Carbon Disulfide        | 4.403  | 76    | 10217    | 1.075    | ug/l # | 94        |
| 39) Methylcyclohexane       | 9.355  | 83    | 15045    | 3.322    | ug/l # | 93        |
| -----                       |        |       |          |          |        |           |

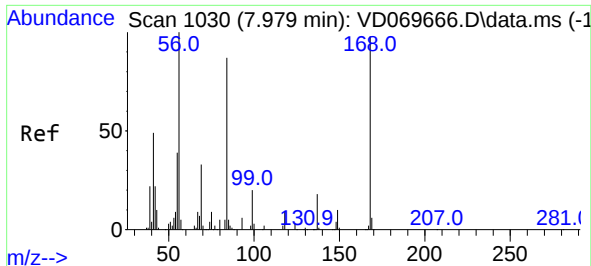
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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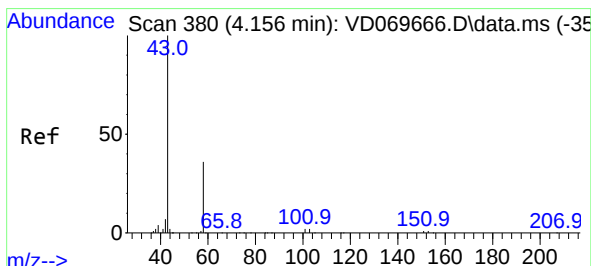
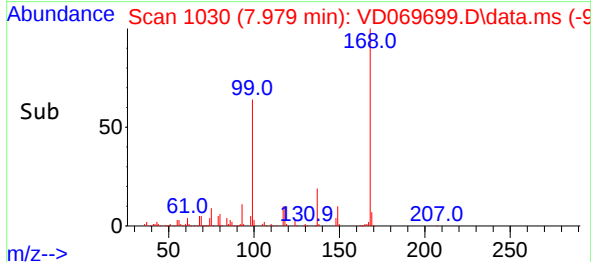
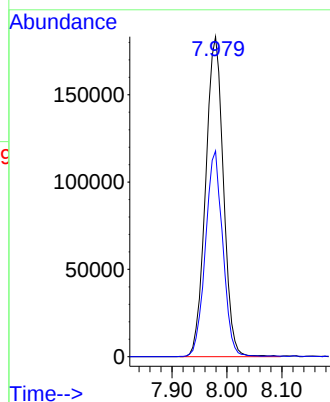
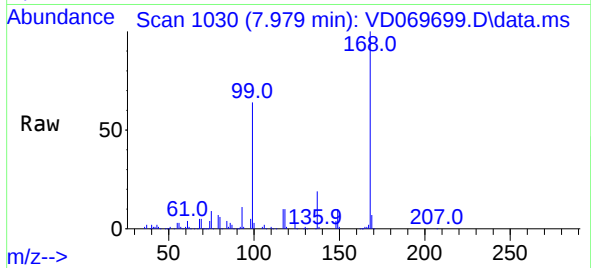




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD069699.D  
Acq: 14 Jul 2021 20:31

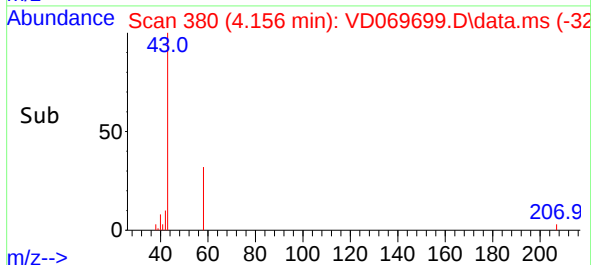
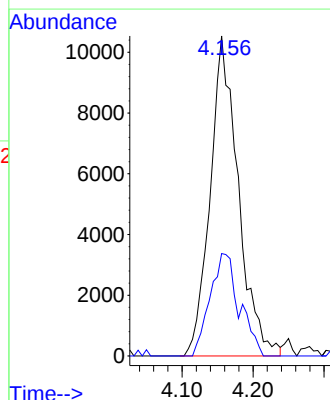
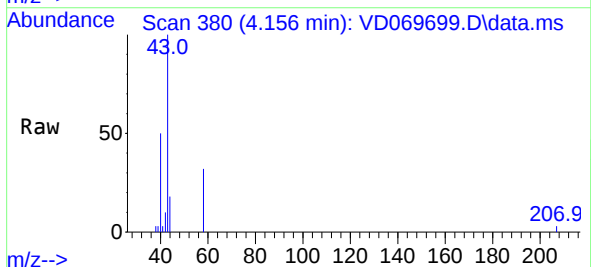
Instrument :  
MSVOA\_D  
ClientSampleId :  
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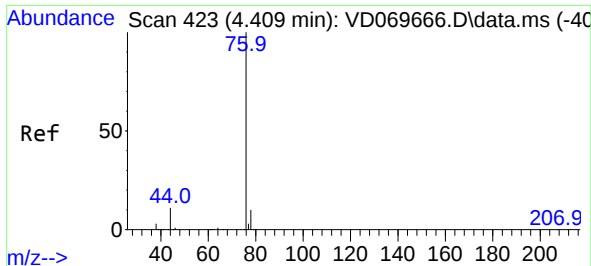
Tgt Ion:168 Resp: 411243  
Ion Ratio Lower Upper  
168 100  
99 64.2 51.8 77.6



#16  
Acetone  
Concen: 37.489 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD069699.D  
Acq: 14 Jul 2021 20:31

Tgt Ion: 43 Resp: 28946  
Ion Ratio Lower Upper  
43 100  
58 32.0 28.6 42.8

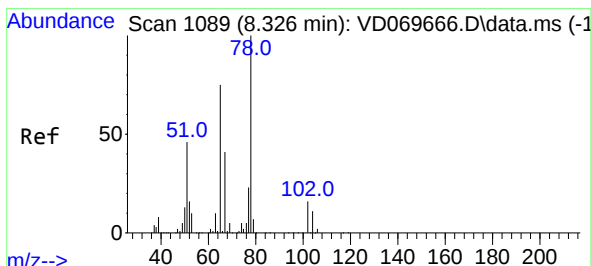
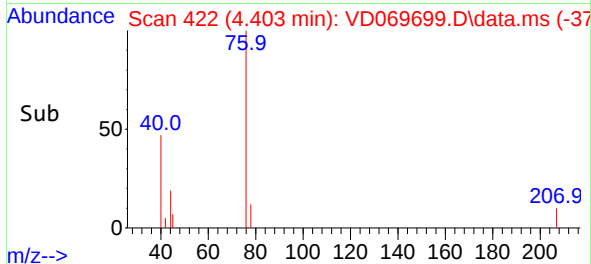
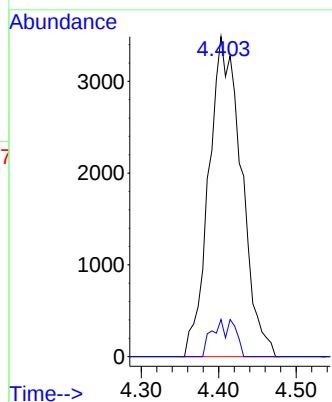
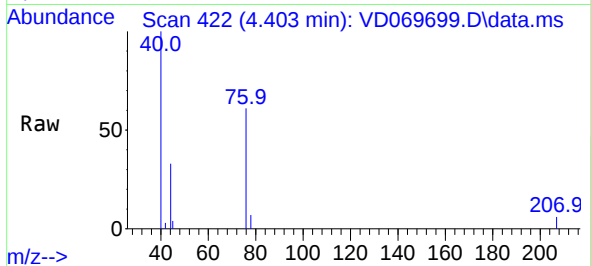




#17  
Carbon Disulfide  
Concen: 1.075 ug/l  
RT: 4.403 min Scan# 422  
Delta R.T. -0.006 min  
Lab File: VD069699.D  
Acq: 14 Jul 2021 20:31

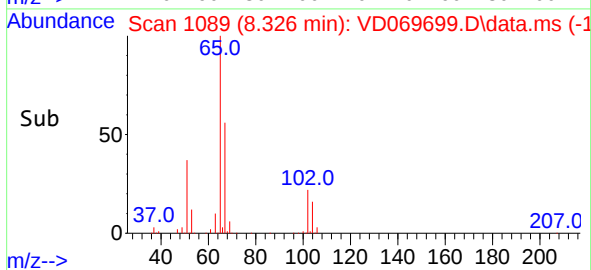
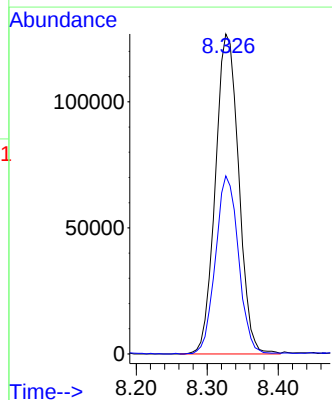
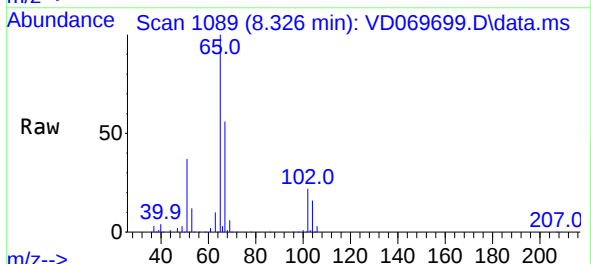
Instrument :  
MSVOA\_D  
ClientSampleId :  
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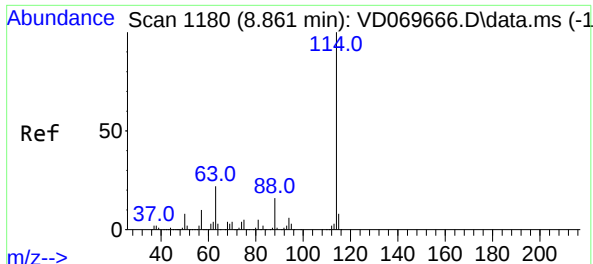
Tgt Ion: 76 Resp: 10217  
Ion Ratio Lower Upper  
76 100  
78 11.6 7.6 11.4#



#33  
1,2-Dichloroethane-d4  
Concen: 56.358 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VD069699.D  
Acq: 14 Jul 2021 20:31

Tgt Ion: 65 Resp: 289393  
Ion Ratio Lower Upper  
65 100  
67 54.9 0.0 107.2



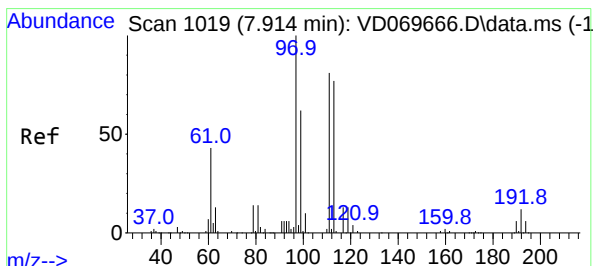
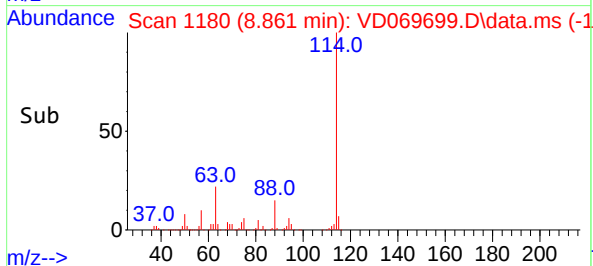
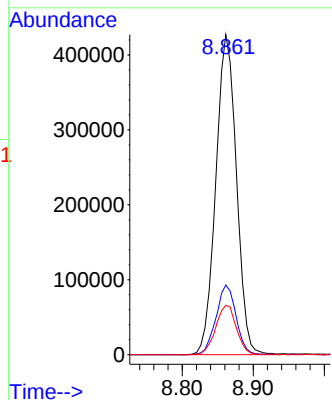
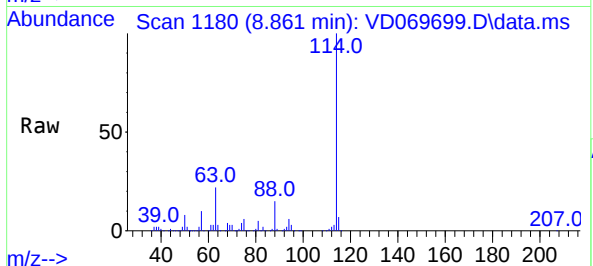


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD069699.D  
Acq: 14 Jul 2021 20:31

Instrument :  
MSVOA\_D  
ClientSampleId :  
ABN-JG-2

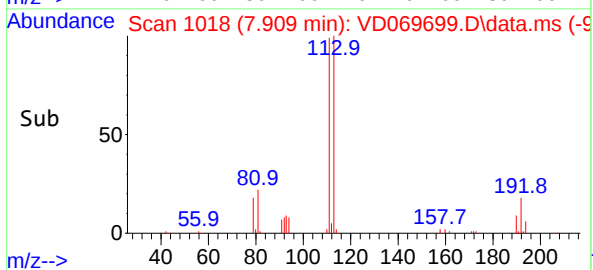
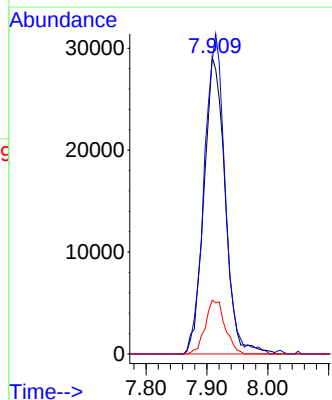
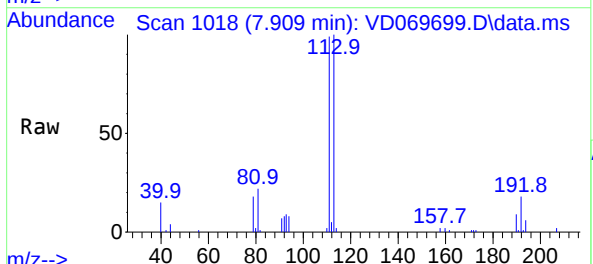
Tgt Ion:114 Resp: 860280  
Ion Ratio Lower Upper  
114 100  
63 21.8 0.0 43.4  
88 15.5 0.0 32.0

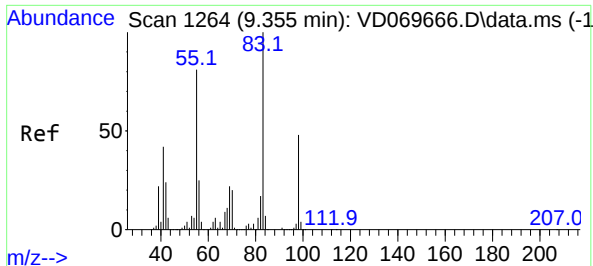


#35

Dibromofluoromethane  
Concen: 12.203 ug/l  
RT: 7.909 min Scan# 1018  
Delta R.T. -0.005 min  
Lab File: VD069699.D  
Acq: 14 Jul 2021 20:31

Tgt Ion:113 Resp: 70429  
Ion Ratio Lower Upper  
113 100  
111 105.7 82.6 123.8  
192 16.8 12.7 19.1

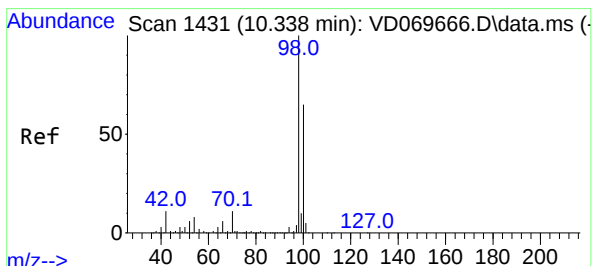
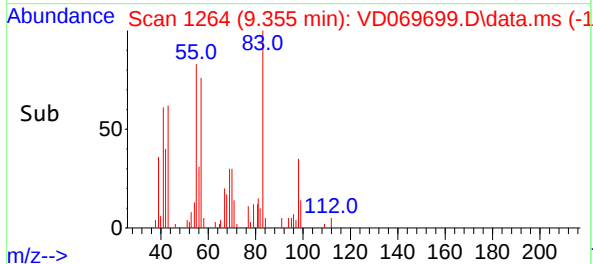
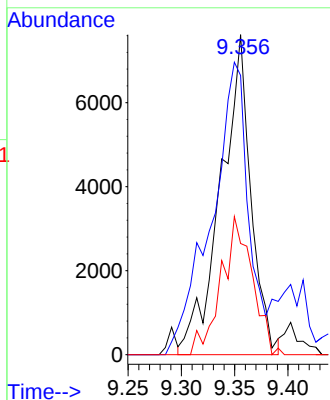
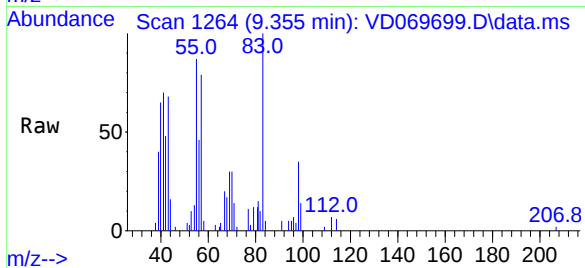




#39  
Methylcyclohexane  
Concen: 3.322 ug/l  
RT: 9.355 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: VD069699.D  
Acq: 14 Jul 2021 20:31

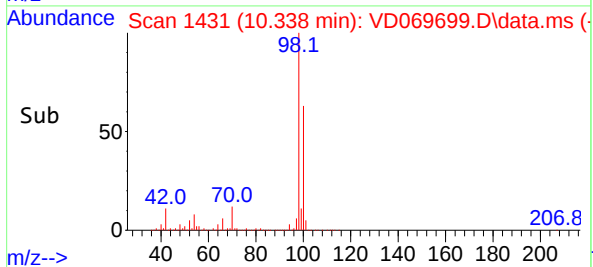
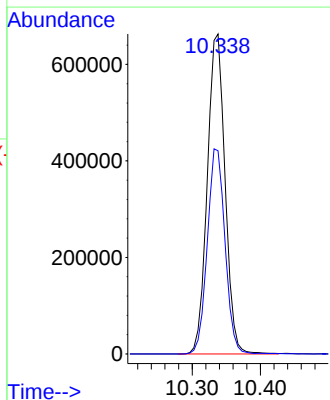
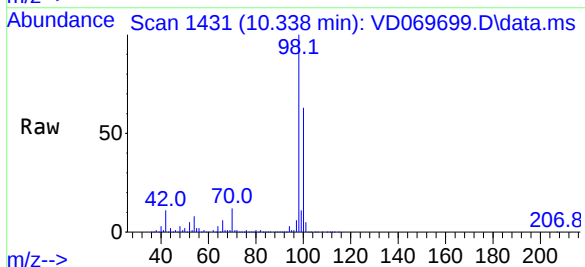
Instrument :  
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ClientSampleId :  
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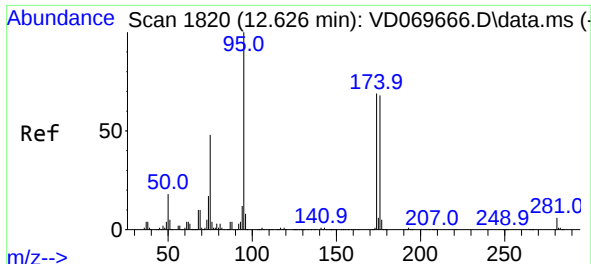
Tgt Ion: 83 Resp: 15045  
Ion Ratio Lower Upper  
83 100  
55 80.8 64.6 97.0  
98 35.6 38.4 57.6#



#50  
Toluene-d8  
Concen: 53.679 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD069699.D  
Acq: 14 Jul 2021 20:31

Tgt Ion: 98 Resp: 1203604  
Ion Ratio Lower Upper  
98 100  
100 64.0 52.2 78.2

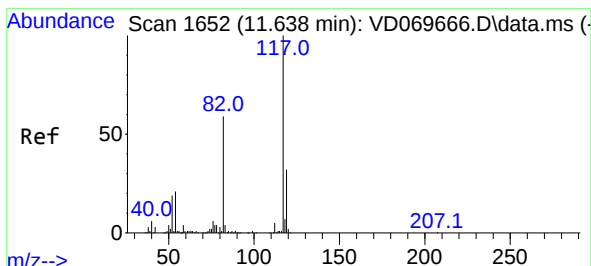
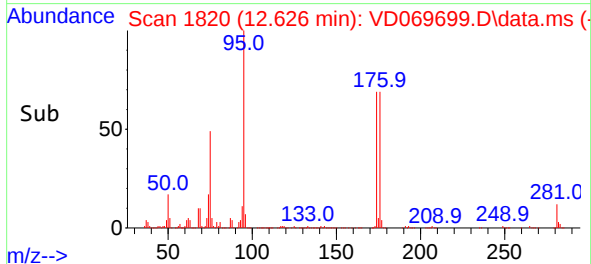
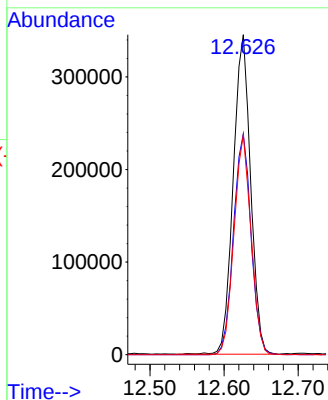
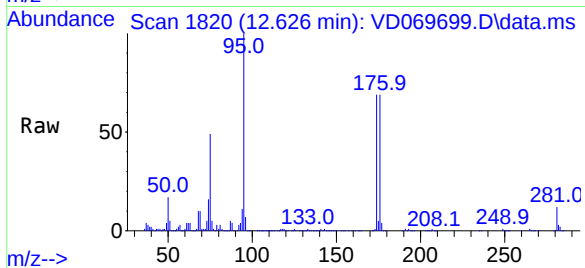




#62  
4-Bromofluorobenzene  
Concen: 74.871 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD069699.D  
Acq: 14 Jul 2021 20:31

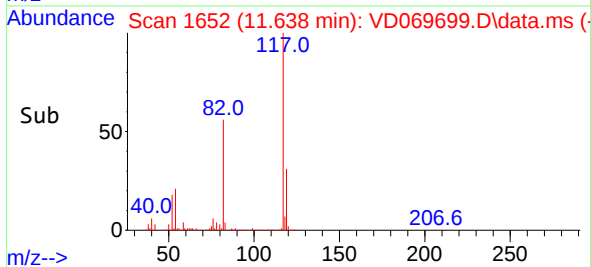
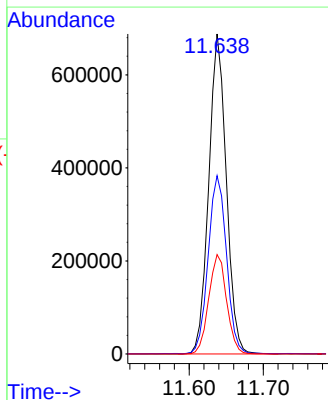
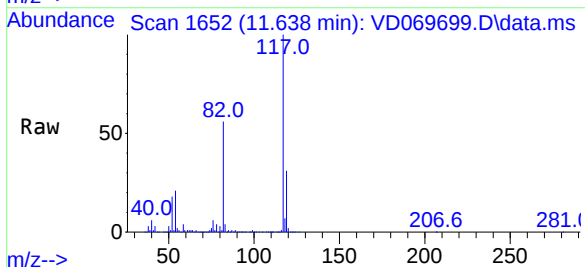
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ABN-JG-2

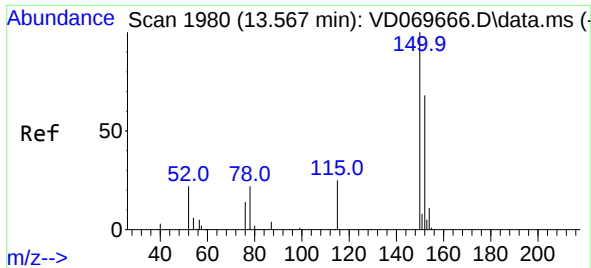
Tgt Ion: 95 Resp: 559883  
Ion Ratio Lower Upper  
95 100  
174 70.0 0.0 140.0  
176 67.7 0.0 136.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD069699.D  
Acq: 14 Jul 2021 20:31

Tgt Ion:117 Resp: 1130718  
Ion Ratio Lower Upper  
117 100  
82 55.6 47.4 71.2  
119 31.1 25.5 38.3





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. 0.000 min  
Lab File: VD069699.D  
Acq: 14 Jul 2021 20:31

Instrument :  
MSVOA\_D  
ClientSampleId :  
ABN-JG-2

Tgt Ion:152 Resp: 514547  
Ion Ratio Lower Upper  
152 100  
115 62.3 31.7 95.1  
150 158.3 0.0 350.4

