

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD010422\  
 Data File : VD071600.D  
 Acq On : 04 Jan 2022 18:30  
 Operator : VA/SY  
 Sample : M5330-03  
 Misc : 7.11G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 DB-25-(13-18)-12-29-21

Quant Time: Jan 05 01:30:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D122221S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 23 08:20:24 2021  
 Response via : Initial Calibration

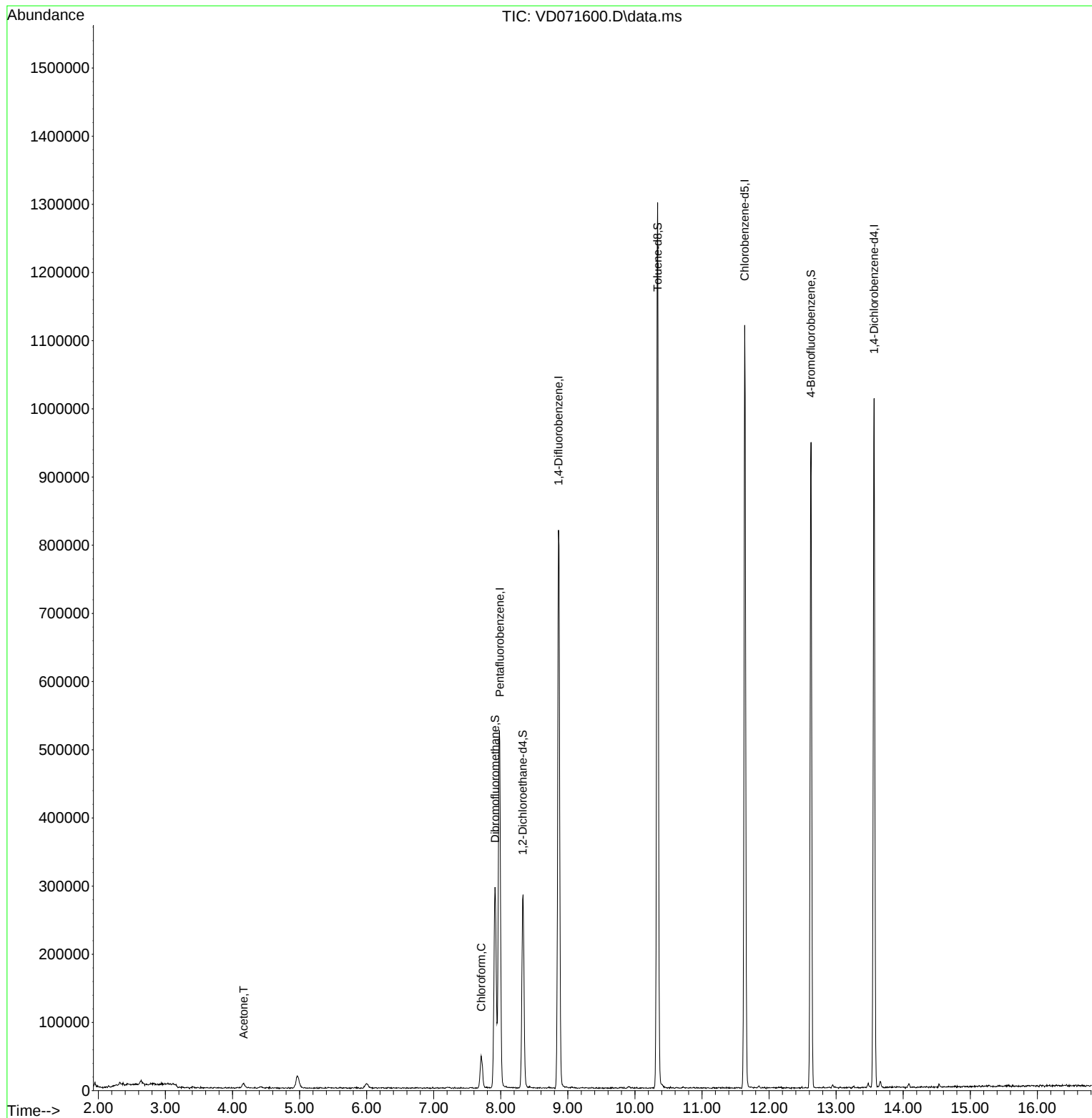
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.985  | 168   | 371626   | 50.000   | ug/l   | 0.01     |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 654073   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 572419   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.567 | 152   | 240482   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 232237   | 47.054   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 94.100%  |
| 35) Dibromofluoromethane    | 7.914  | 113   | 206614   | 47.002   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 94.000%  |
| 50) Toluene-d8              | 10.338 | 98    | 833423   | 50.170   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 100.340% |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 251386   | 42.585   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 85.180%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.167  | 43    | 12520    | 10.099   | ug/l   | 90       |
| 30) Chloroform              | 7.708  | 83    | 41731    | 4.839    | ug/l   | 94       |
| -----                       |        |       |          |          |        |          |

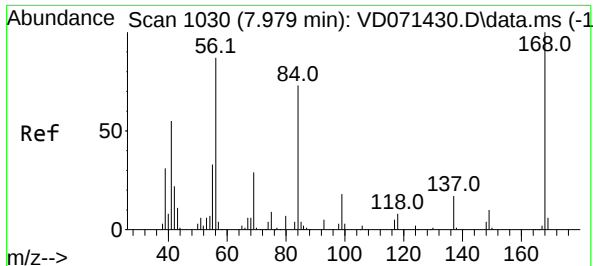
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_D  
ClientSampleId :  
DB-25-(13-18)-12-29-21

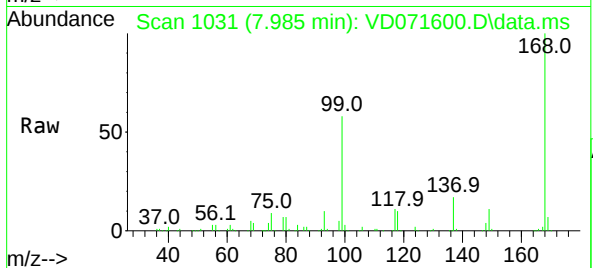
Quant Time: Jan 05 01:30:15 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D122221S.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 23 08:20:24 2021  
Response via : Initial Calibration



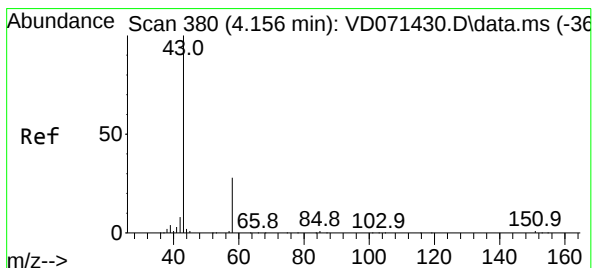
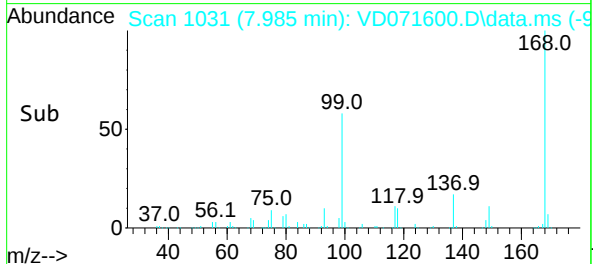
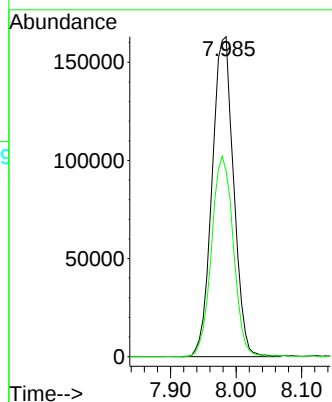


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. 0.012 min  
Lab File: VD071600.D  
Acq: 04 Jan 2022 18:30

Instrument :  
MSVOA\_D  
ClientSampleId :  
DB-25-(13-18)-12-29-21

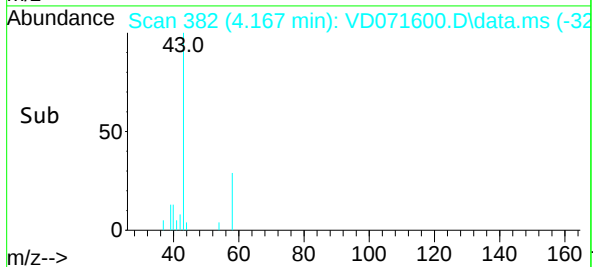
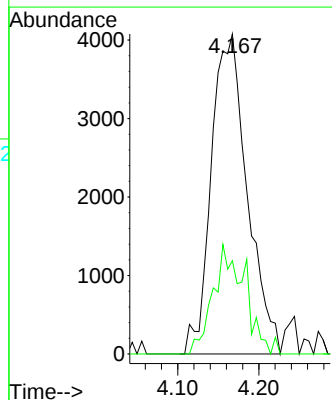
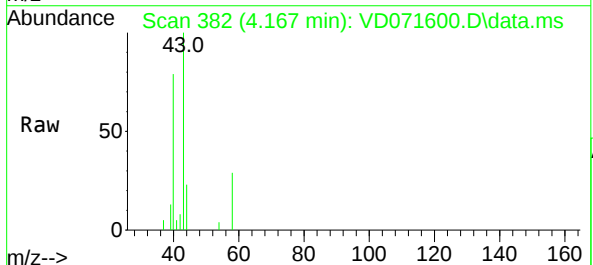


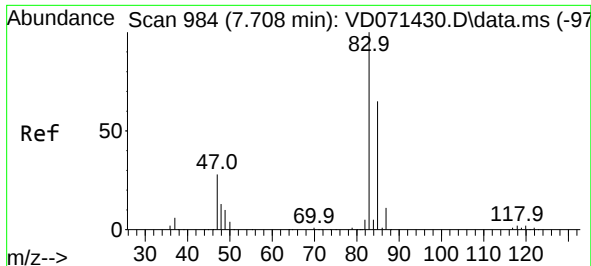
Tgt Ion:168 Resp: 371626  
Ion Ratio Lower Upper  
168 100  
99 58.0 46.6 69.8



#16  
Acetone  
Concen: 10.099 ug/l  
RT: 4.167 min Scan# 382  
Delta R.T. 0.011 min  
Lab File: VD071600.D  
Acq: 04 Jan 2022 18:30

Tgt Ion: 43 Resp: 12520  
Ion Ratio Lower Upper  
43 100  
58 29.2 27.8 41.8

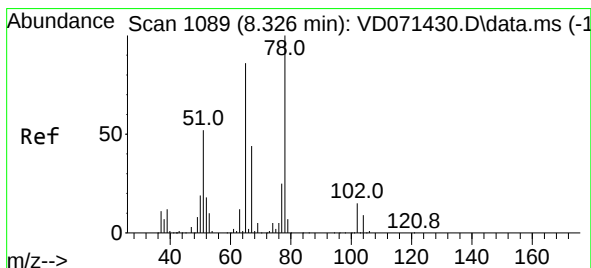
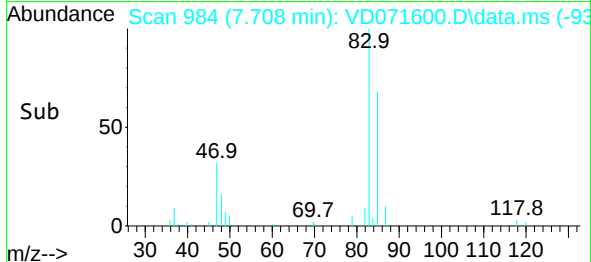
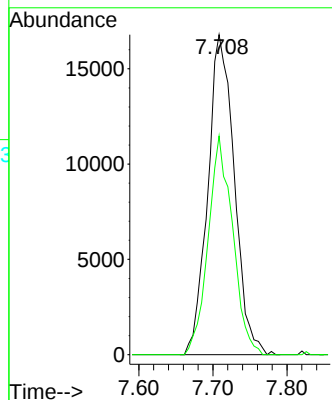
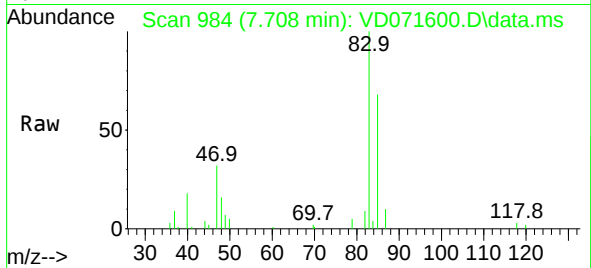




#30  
Chloroform  
Concen: 4.839 ug/l  
RT: 7.708 min Scan# 984  
Delta R.T. 0.006 min  
Lab File: VD071600.D  
Acq: 04 Jan 2022 18:30

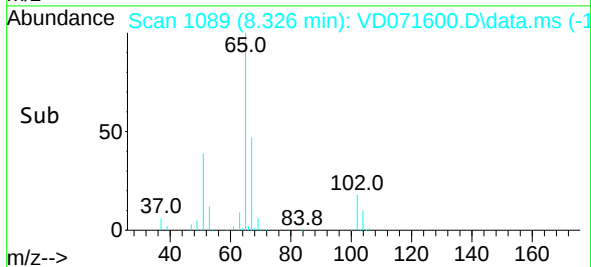
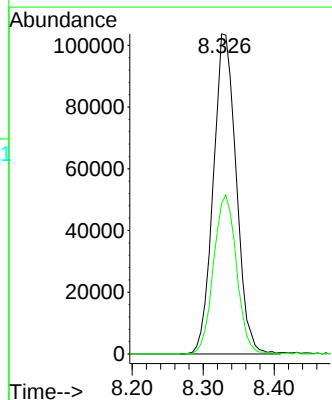
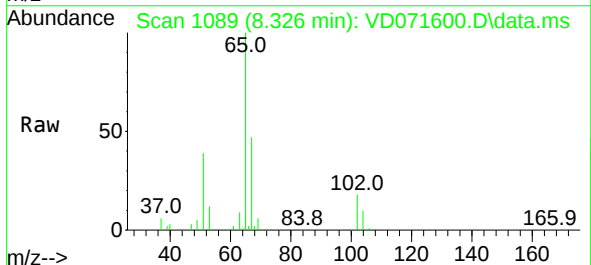
Instrument :  
MSVOA\_D  
ClientSampleId :  
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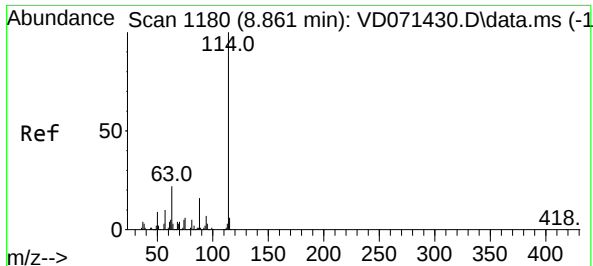
Tgt Ion: 83 Resp: 41731  
Ion Ratio Lower Upper  
83 100  
85 68.4 51.0 76.6



#33  
1,2-Dichloroethane-d4  
Concen: 47.054 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD071600.D  
Acq: 04 Jan 2022 18:30

Tgt Ion: 65 Resp: 232237  
Ion Ratio Lower Upper  
65 100  
67 49.7 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071600.D

Acq: 04 Jan 2022 18:30

Instrument :

MSVOA\_D

ClientSampleId :

DB-25-(13-18)-12-29-21

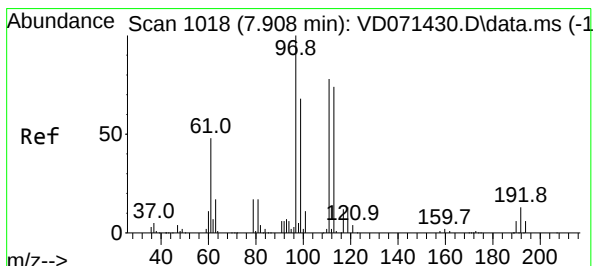
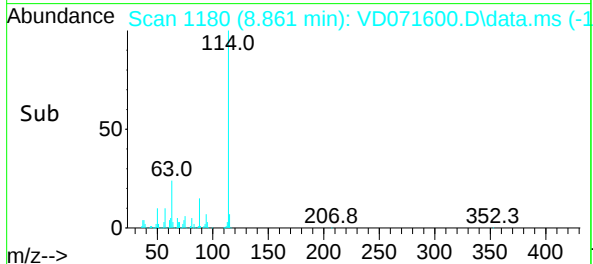
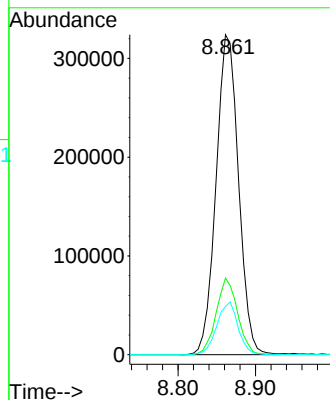
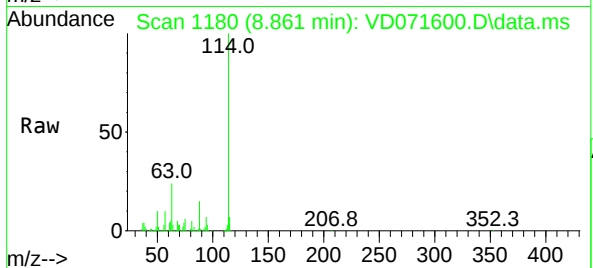
Tgt Ion:114 Resp: 654073

Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.8

88 15.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 47.002 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071600.D

Acq: 04 Jan 2022 18:30

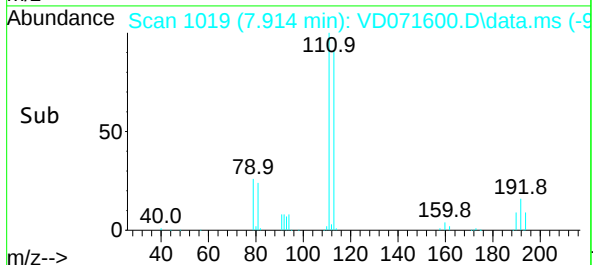
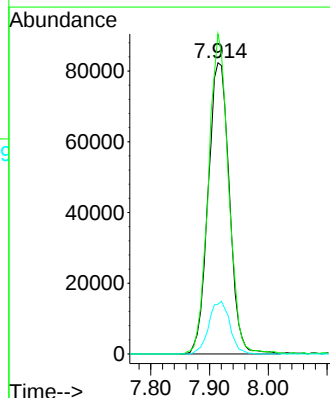
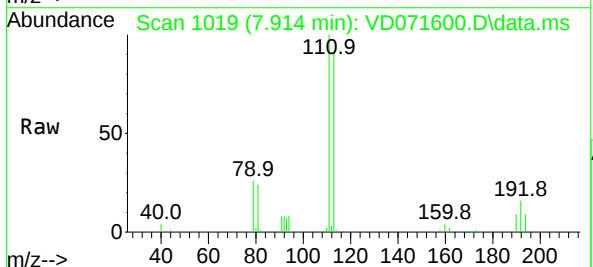
Tgt Ion:113 Resp: 206614

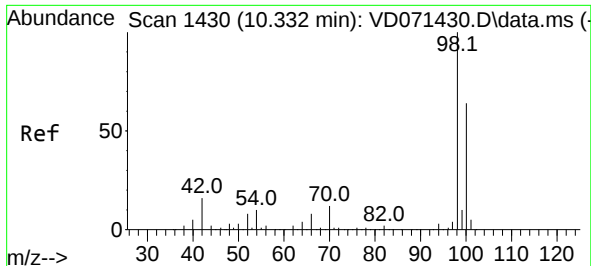
Ion Ratio Lower Upper

113 100

111 104.5 82.0 123.0

192 17.8 15.2 22.8

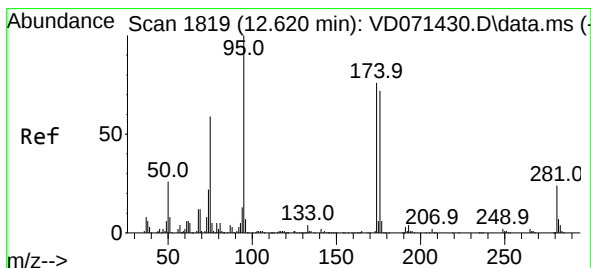
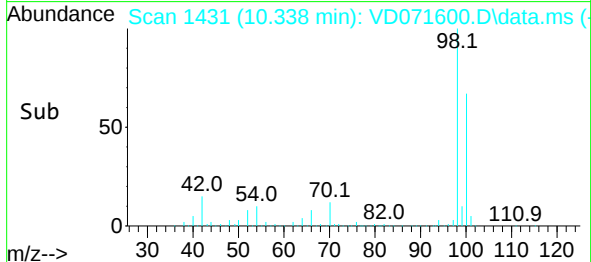
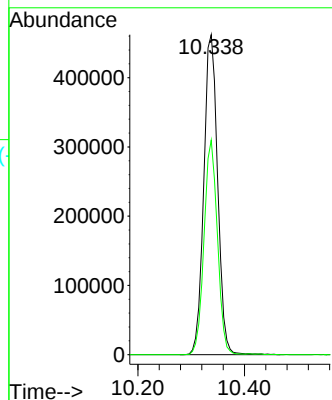
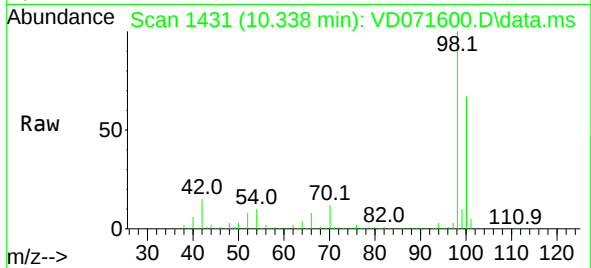




#50  
Toluene-d8  
Concen: 50.170 ug/l  
RT: 10.338 min Scan# 1430  
Delta R.T. 0.006 min  
Lab File: VD071600.D  
Acq: 04 Jan 2022 18:30

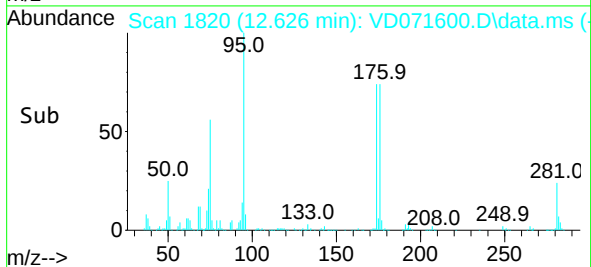
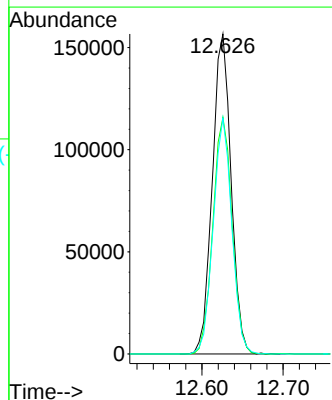
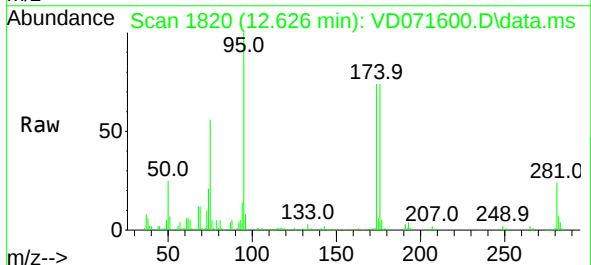
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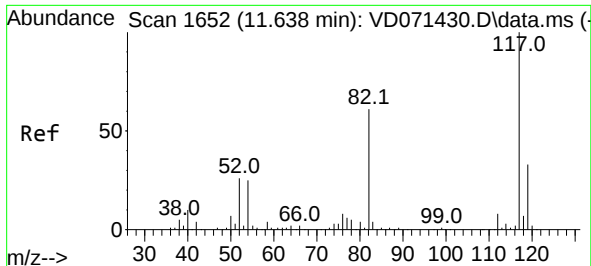
Tgt Ion: 98 Resp: 833423  
Ion Ratio Lower Upper  
98 100  
100 64.8 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 42.585 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD071600.D  
Acq: 04 Jan 2022 18:30

Tgt Ion: 95 Resp: 251386  
Ion Ratio Lower Upper  
95 100  
174 75.7 0.0 159.4  
176 73.1 0.0 154.0

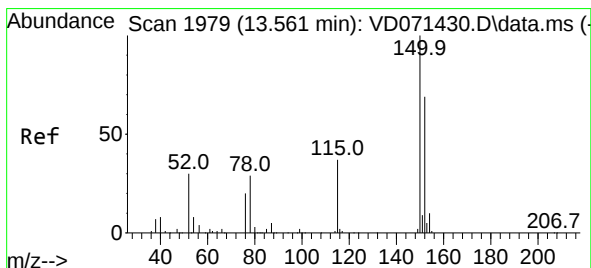
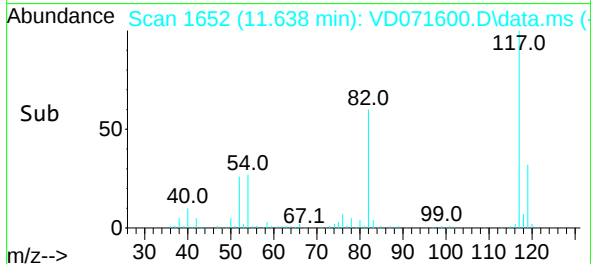
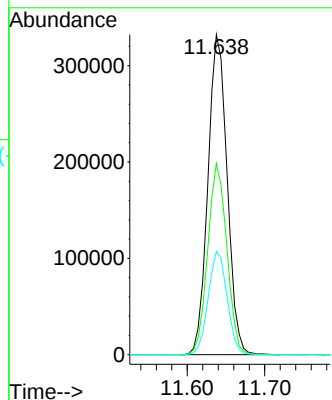
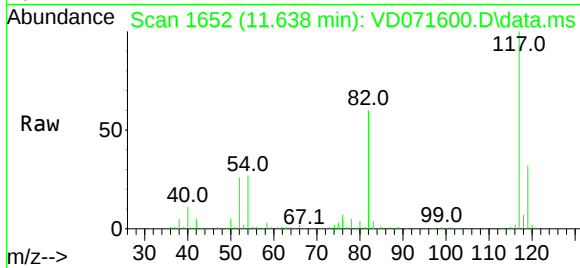




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VD071600.D  
Acq: 04 Jan 2022 18:30

Instrument :  
MSVOA\_D  
ClientSampleId :  
DB-25-(13-18)-12-29-21

Tgt Ion:117 Resp: 572419  
Ion Ratio Lower Upper  
117 100  
82 59.8 44.7 67.1  
119 32.3 26.2 39.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. 0.006 min  
Lab File: VD071600.D  
Acq: 04 Jan 2022 18:30

Tgt Ion:152 Resp: 240482  
Ion Ratio Lower Upper  
152 100  
115 61.4 29.8 89.3  
150 157.5 0.0 349.2

