

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078518.D
 Acq On : 22 Feb 2024 15:34
 Operator : RP/MD
 Sample : P1538-05
 Misc : 5.04G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241100-COMPOSITE-35N-N-4-05

Quant Time: Feb 23 01:04:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

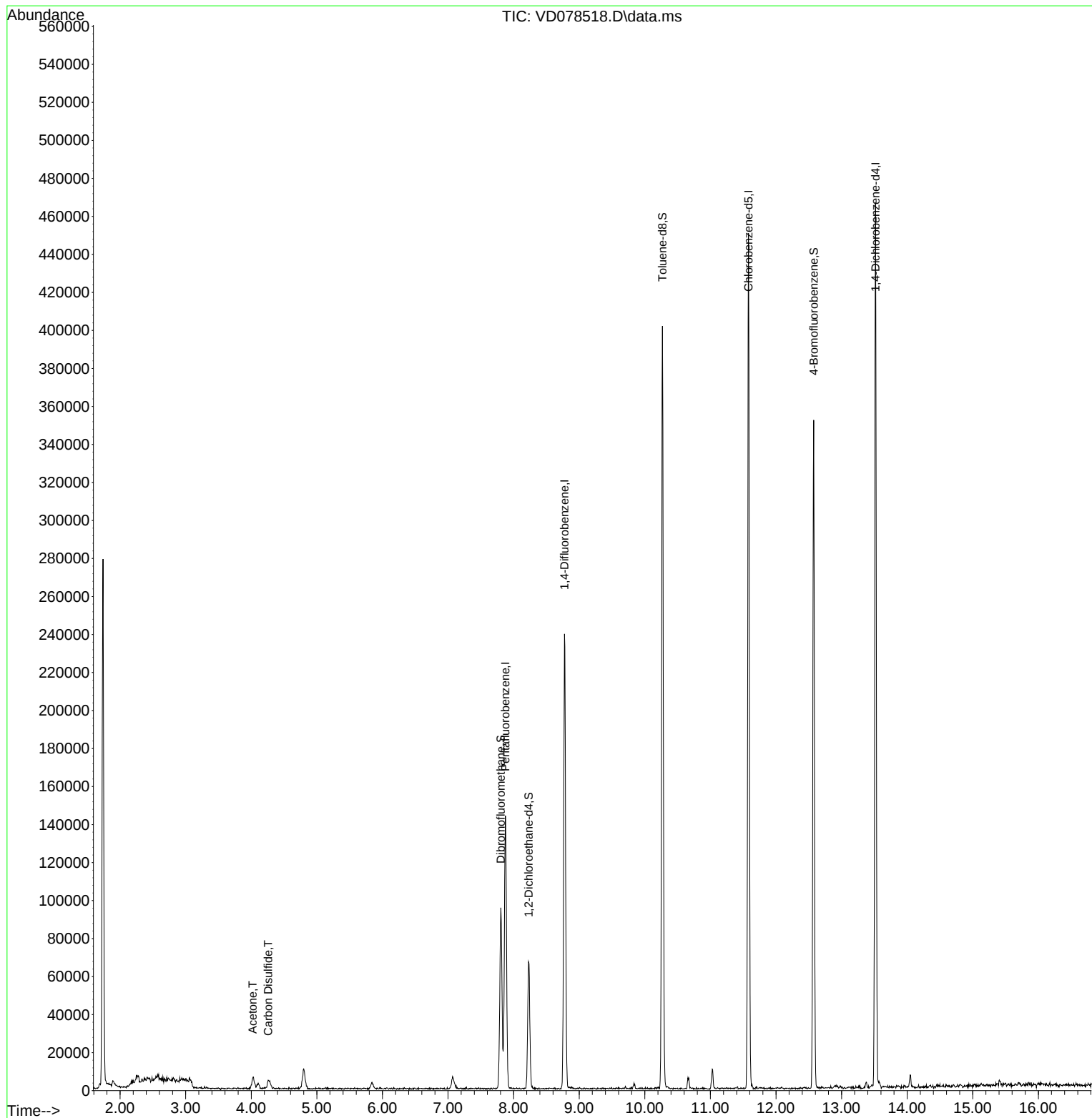
Internal Standards						
1) Pentafluorobenzene	7.875	168	111680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	215858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	264741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	125438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53577	44.369	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 88.740%			
35) Dibromofluoromethane	7.805	113	68659	50.073	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.140%			
50) Toluene-d8	10.269	98	282988	51.593	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.180%			
62) 4-Bromofluorobenzene	12.575	95	103777	65.016	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 130.040%			
Target Compounds						
16) Acetone	4.022	43	10711	24.254	ug/l #	74
17) Carbon Disulfide	4.258	76	9523	2.325	ug/l #	93

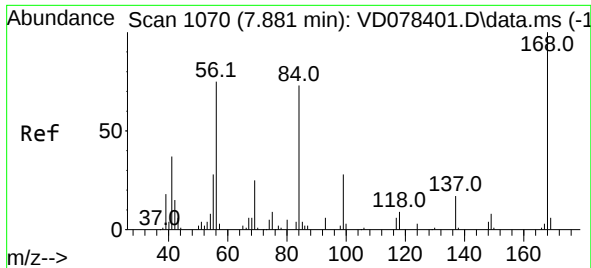
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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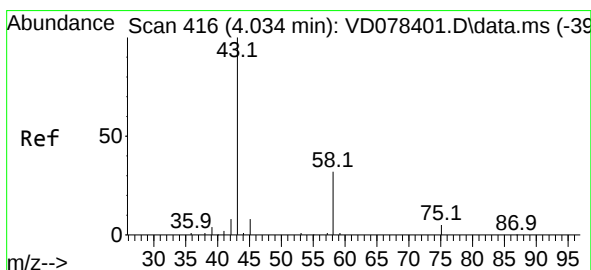
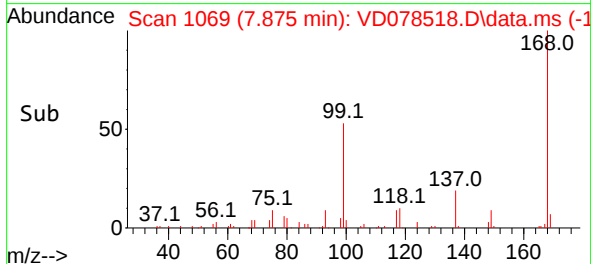
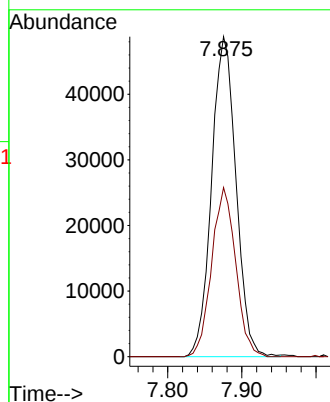
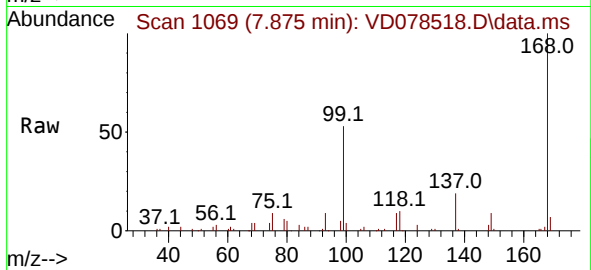




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

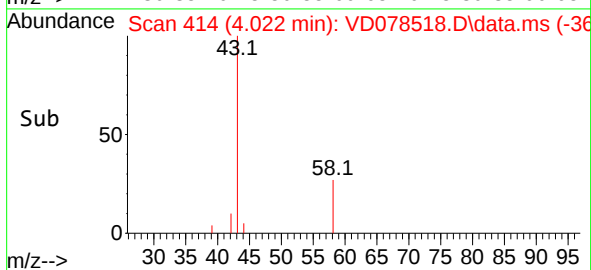
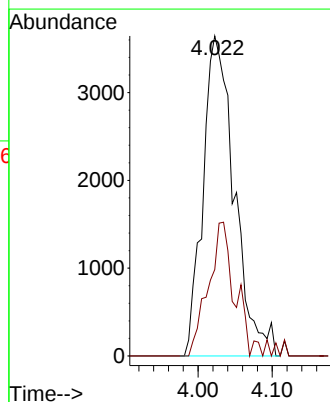
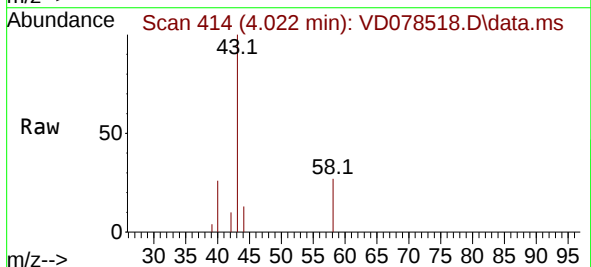
Instrument :
MSVOA_D
ClientSampleId :
20241100-COMPOSITE-35N-N-4-05

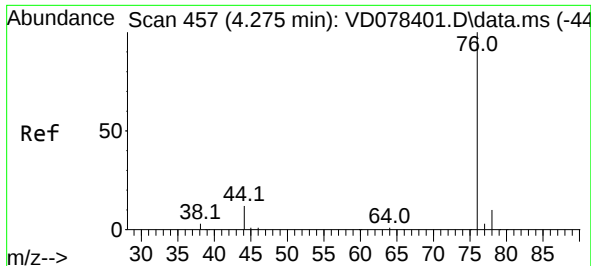
Tgt Ion:168 Resp: 111680
Ion Ratio Lower Upper
168 100
99 52.9 36.7 55.1



#16
Acetone
Concen: 24.254 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

Tgt Ion: 43 Resp: 10711
Ion Ratio Lower Upper
43 100
58 27.0 34.7 52.1#

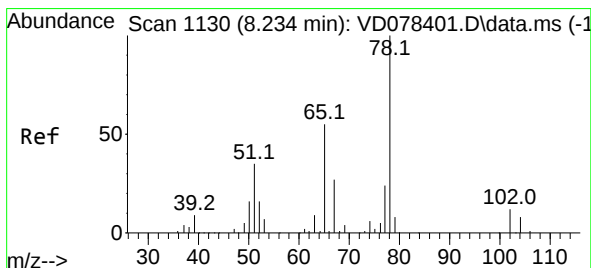
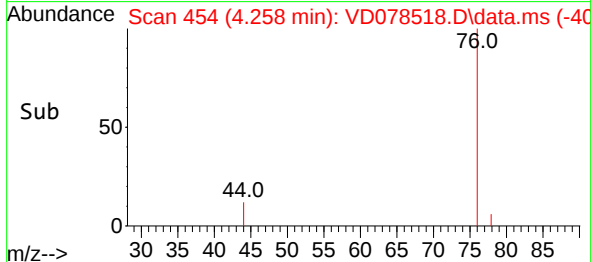
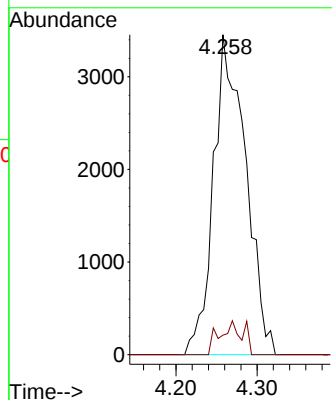
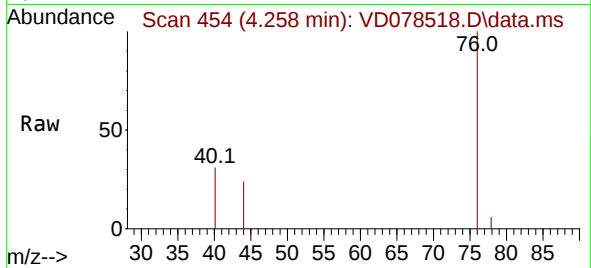




#17
Carbon Disulfide
Concen: 2.325 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.018 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

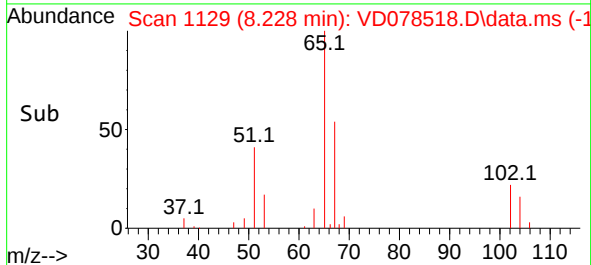
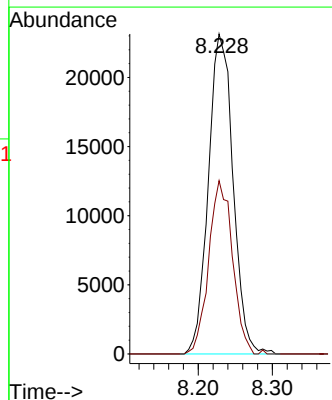
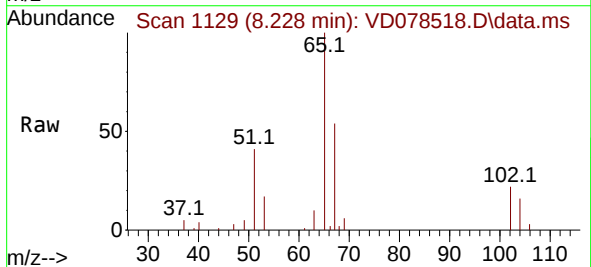
Instrument :
MSVOA_D
ClientSampleId :
20241100-COMPOSITE-35N-N-4-05

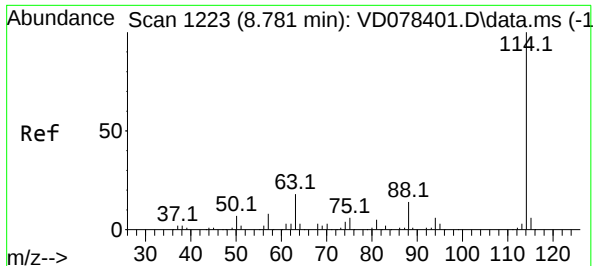
Tgt Ion: 76 Resp: 9523
Ion Ratio Lower Upper
76 100
78 6.1 6.8 10.2#



#33
1,2-Dichloroethane-d4
Concen: 44.369 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

Tgt Ion: 65 Resp: 53577
Ion Ratio Lower Upper
65 100
67 52.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078518.D

Acq: 22 Feb 2024 15:34

Instrument :

MSVOA_D

ClientSampleId :

20241100-COMPOSITE-35N-N-4-05

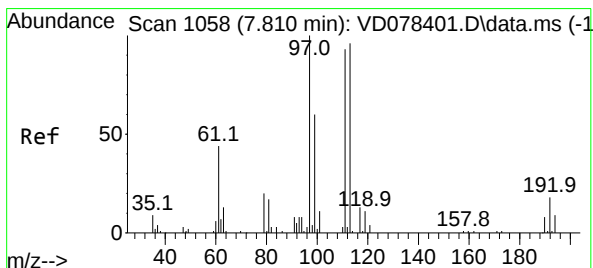
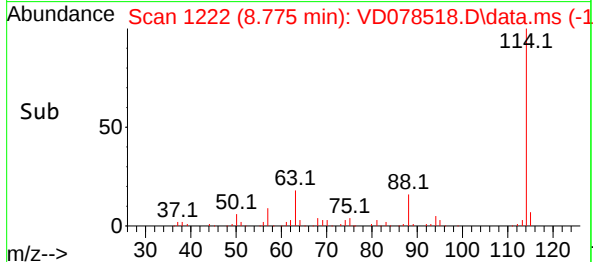
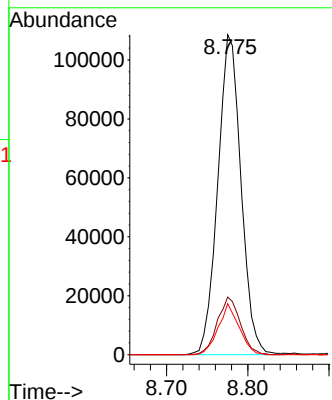
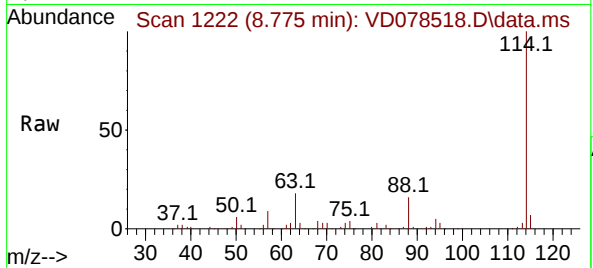
Tgt Ion:114 Resp: 215858

Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.4

88 16.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 50.073 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078518.D

Acq: 22 Feb 2024 15:34

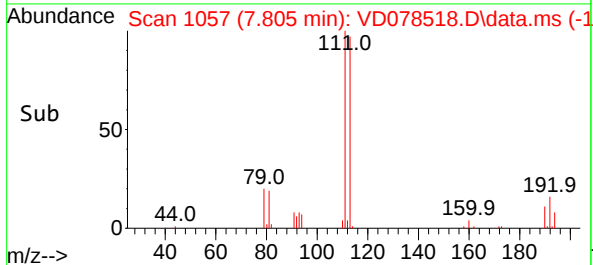
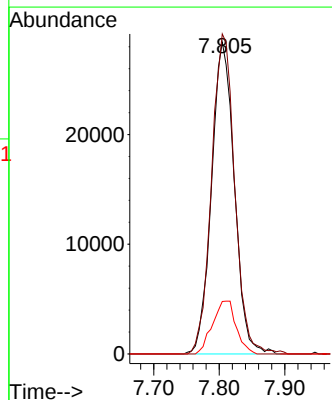
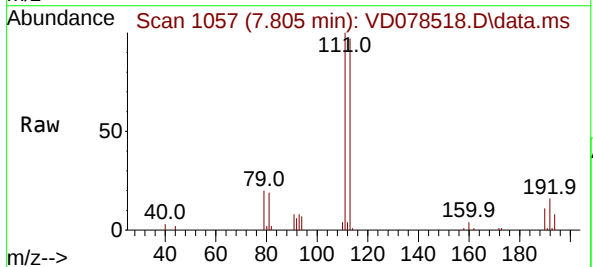
Tgt Ion:113 Resp: 68659

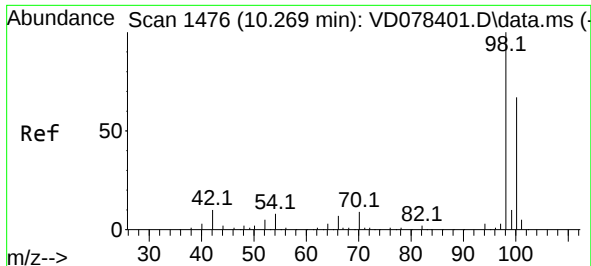
Ion Ratio Lower Upper

113 100

111 104.0 84.7 127.1

192 17.6 16.8 25.2

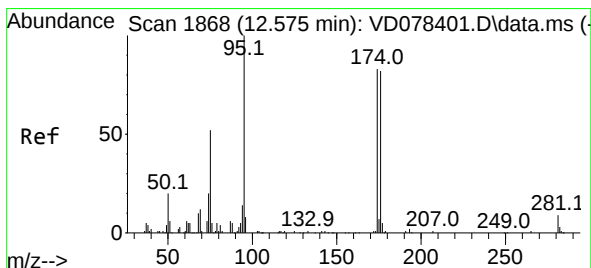
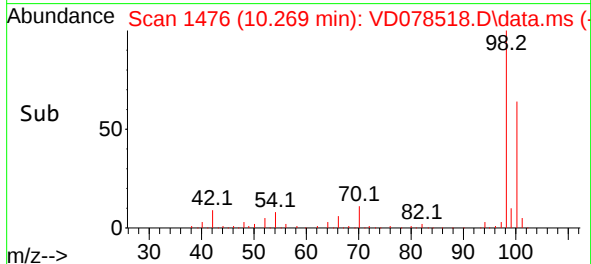
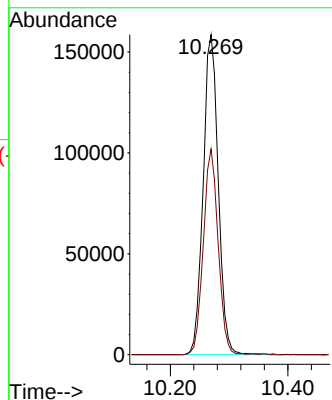
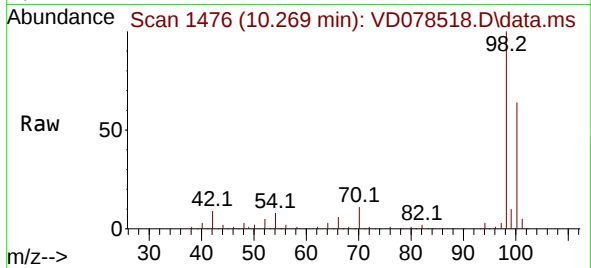




#50
Toluene-d8
Concen: 51.593 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

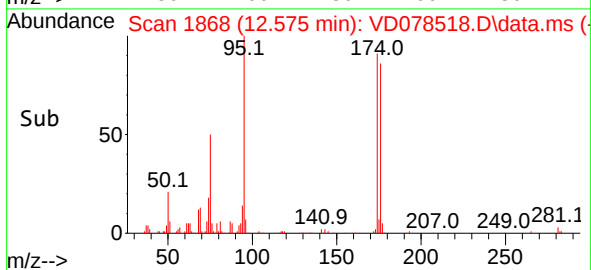
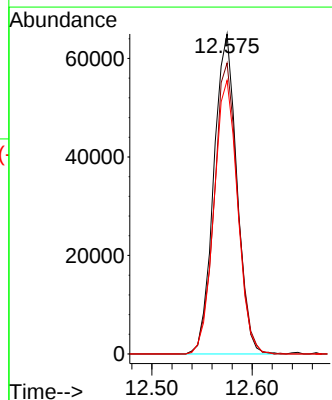
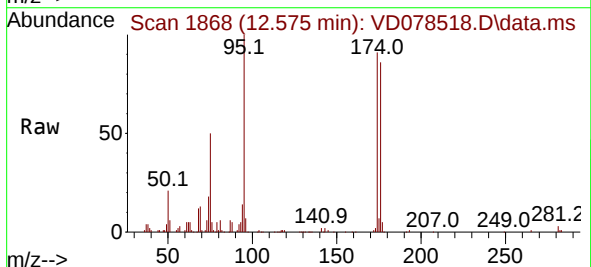
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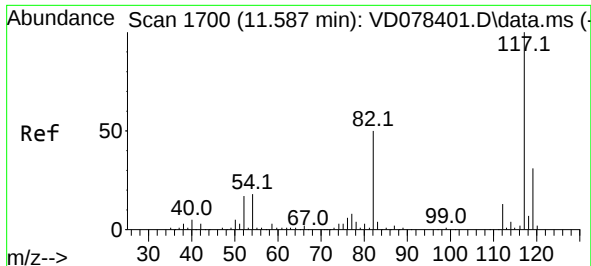
Tgt Ion: 98 Resp: 282988
Ion Ratio Lower Upper
98 100
100 63.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 65.016 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

Tgt Ion: 95 Resp: 103777
Ion Ratio Lower Upper
95 100
174 92.0 0.0 201.8
176 87.3 0.0 191.8

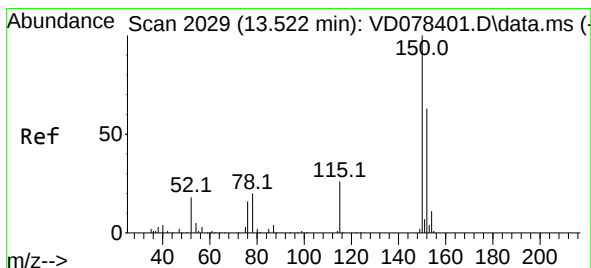
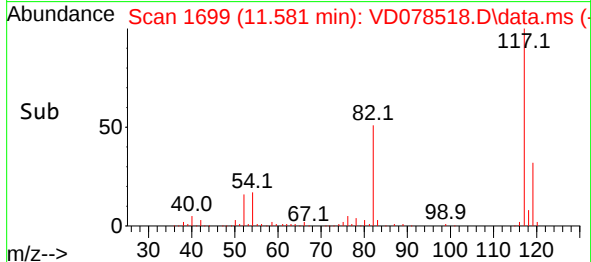
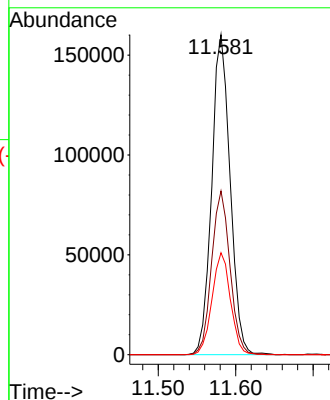
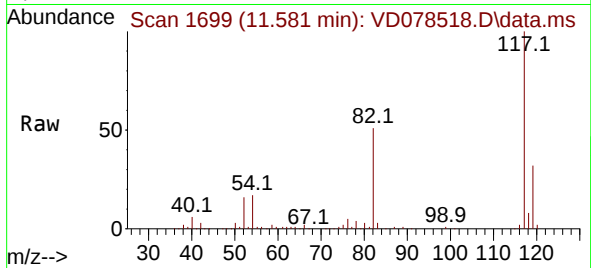




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

Instrument :
MSVOA_D
ClientSampleId :
20241100-COMPOSITE-35N-N-4-05

Tgt Ion:117 Resp: 264741
Ion Ratio Lower Upper
117 100
82 51.2 38.3 57.5
119 31.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

Tgt Ion:152 Resp: 125438
Ion Ratio Lower Upper
152 100
115 54.4 27.1 81.3
150 153.5 0.0 353.6

