

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078520.D
 Acq On : 22 Feb 2024 16:30
 Operator : RP/MD
 Sample : P1538-11
 Misc : 5.09G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241104-AMENDED-COMPOSITE-35N-N-4-03

Quant Time: Feb 23 01:05:36 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)

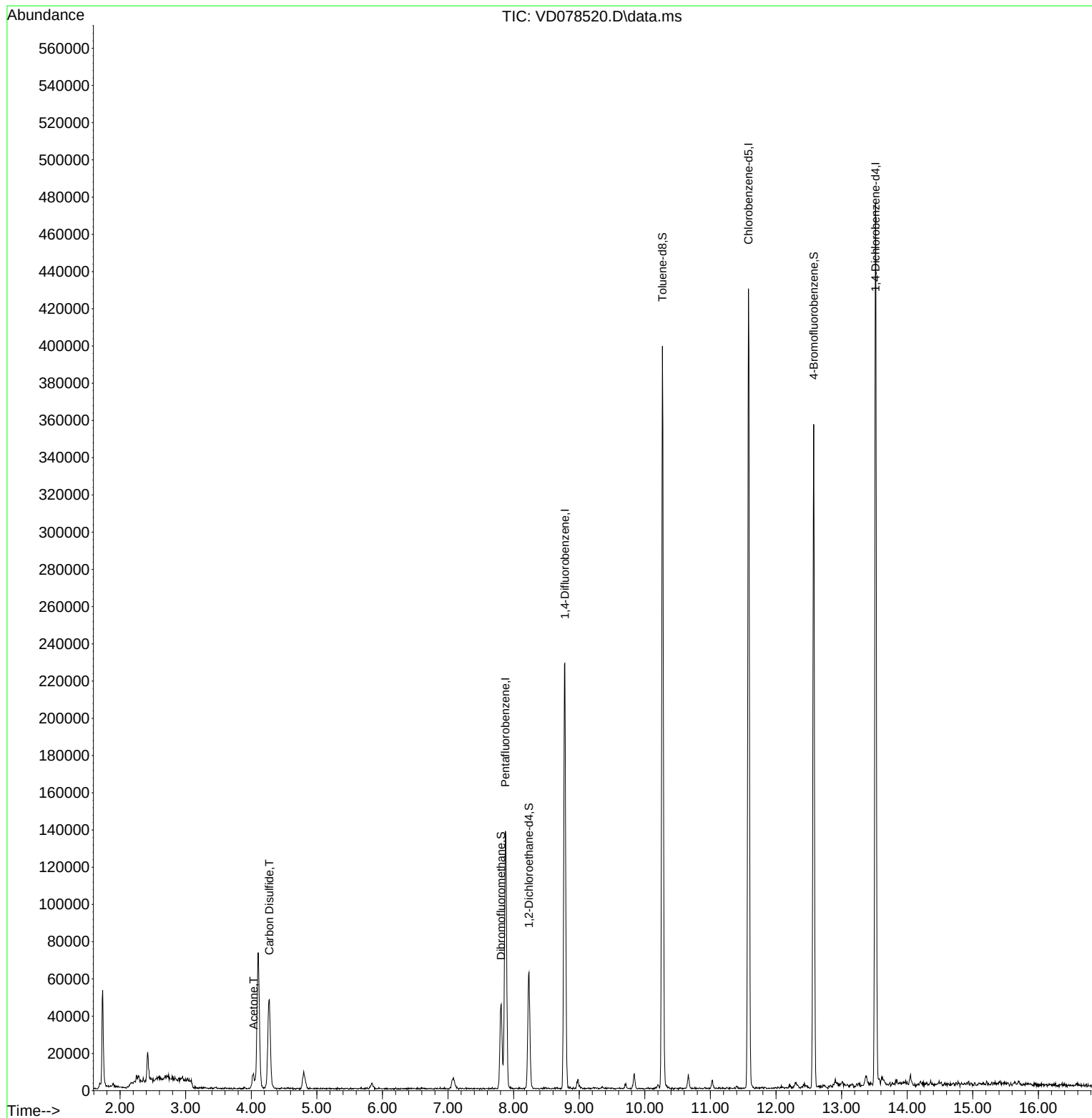
Internal Standards						
1) Pentafluorobenzene	7.875	168	109046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	211125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	259950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	126843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	47022	39.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.760%
35) Dibromofluoromethane	7.810	113	34635	25.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	51.660%#
50) Toluene-d8	10.269	98	275256	51.308	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.620%
62) 4-Bromofluorobenzene	12.575	95	106938	68.498	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	137.000%
Target Compounds						
16) Acetone	4.034	43	13118	36.799	ug/l	99
17) Carbon Disulfide	4.275	76	100752	25.188	ug/l	97

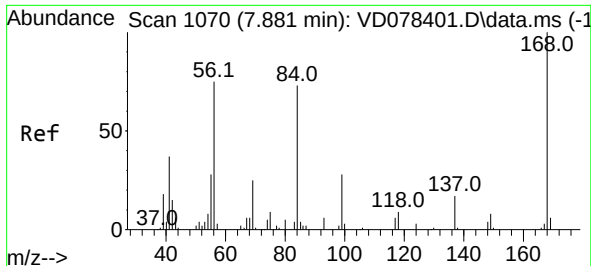
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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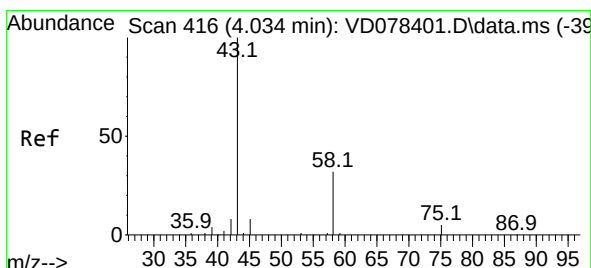
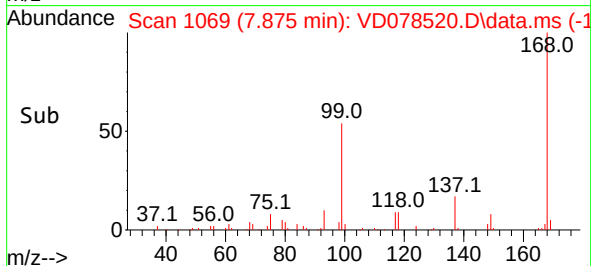
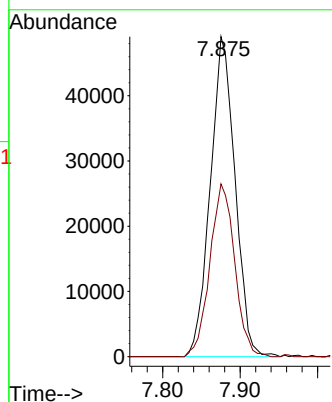
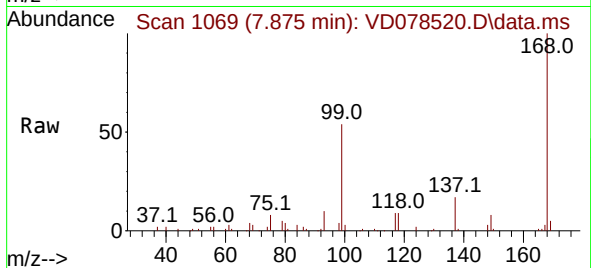




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078520.D
Acq: 22 Feb 2024 16:30

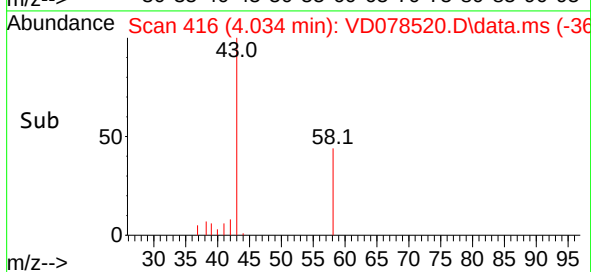
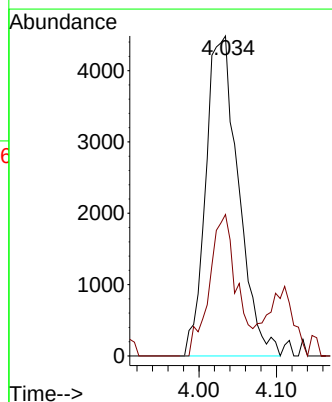
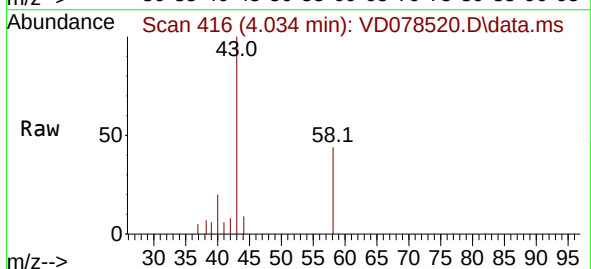
Instrument : MSVOA_D
ClientSampleId : 20241104-AMENDED-COMPOSITE-35N-N-4-03

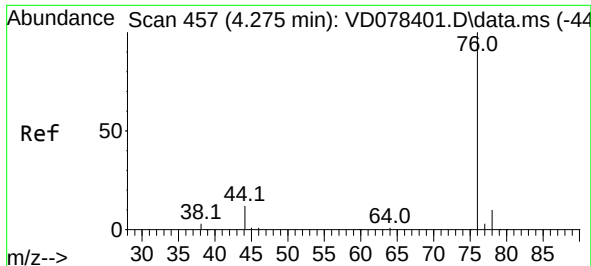
Tgt Ion:168 Resp: 109046
Ion Ratio Lower Upper
168 100
99 54.0 36.7 55.1



#16
Acetone
Concen: 36.799 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.000 min
Lab File: VD078520.D
Acq: 22 Feb 2024 16:30

Tgt Ion: 43 Resp: 13118
Ion Ratio Lower Upper
43 100
58 44.2 34.7 52.1





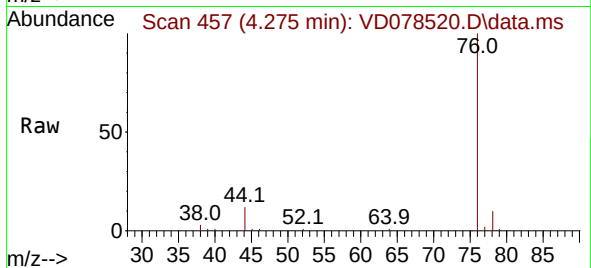
#17
Carbon Disulfide
Concen: 25.188 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078520.D
Acq: 22 Feb 2024 16:30

Instrument :

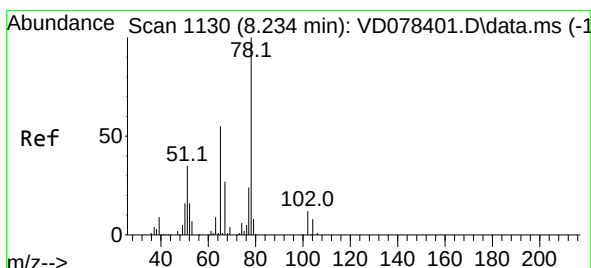
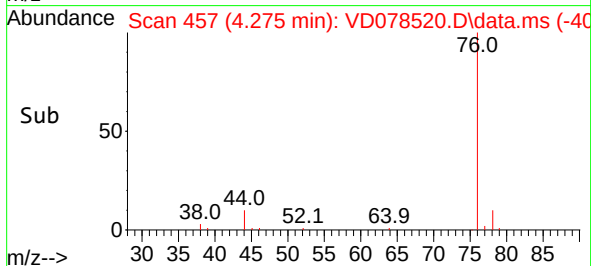
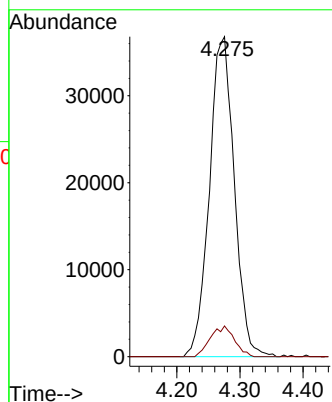
MSVOA_D

ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03

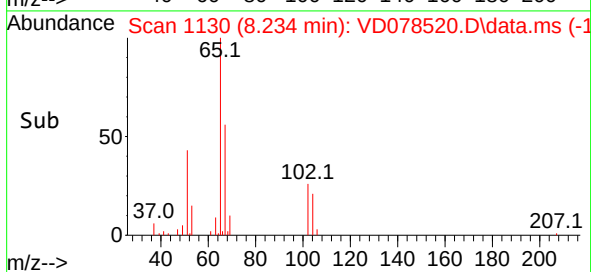
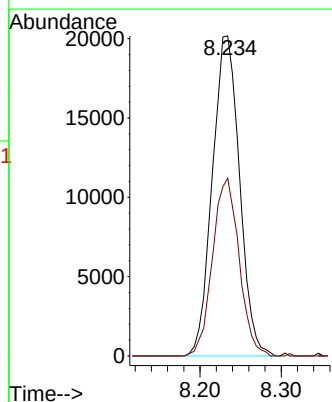
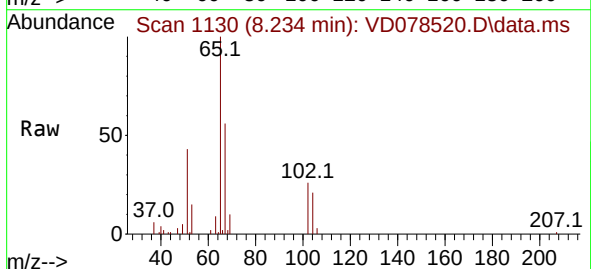


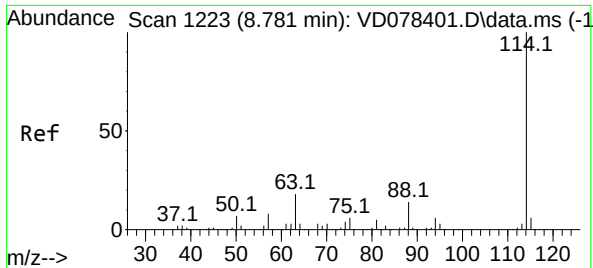
Tgt Ion: 76 Resp: 100752
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#33
1,2-Dichloroethane-d4
Concen: 39.881 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078520.D
Acq: 22 Feb 2024 16:30

Tgt Ion: 65 Resp: 47022
Ion Ratio Lower Upper
65 100
67 54.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078520.D

Acq: 22 Feb 2024 16:30

Instrument :

MSVOA_D

ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03

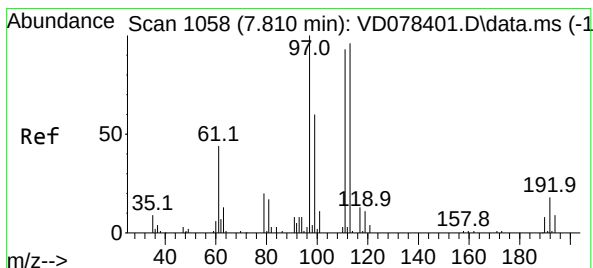
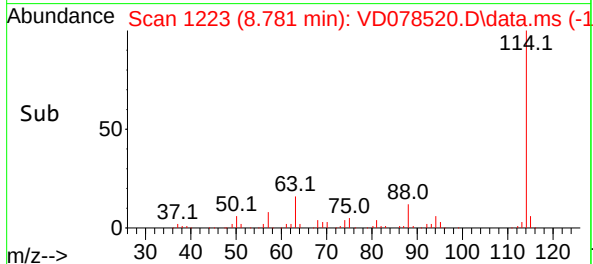
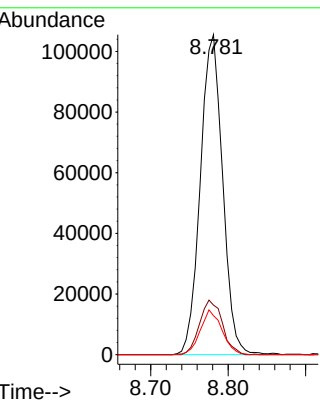
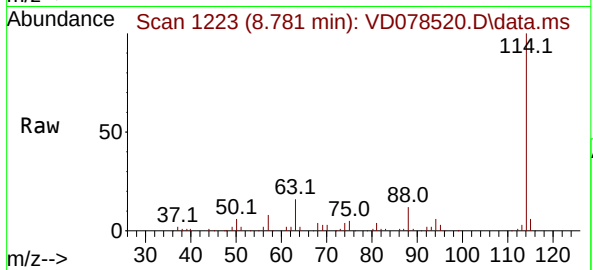
Tgt Ion:114 Resp: 211125

Ion Ratio Lower Upper

114 100

63 15.5 0.0 33.4

88 12.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 25.826 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078520.D

Acq: 22 Feb 2024 16:30

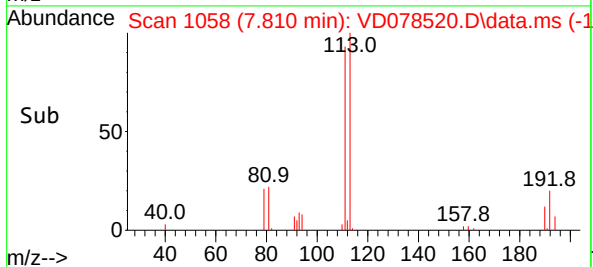
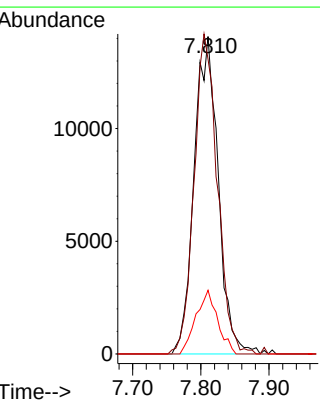
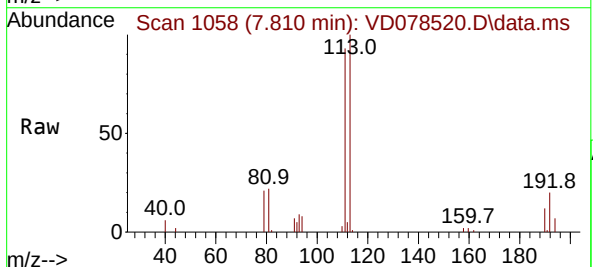
Tgt Ion:113 Resp: 34635

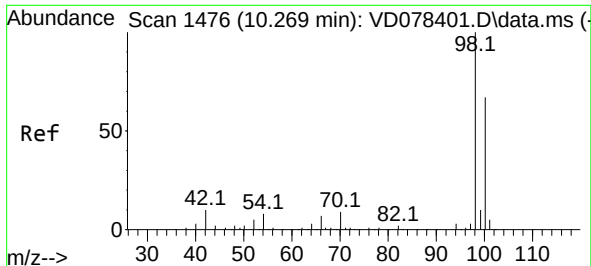
Ion Ratio Lower Upper

113 100

111 97.4 84.7 127.1

192 18.1 16.8 25.2





#50
Toluene-d8
Concen: 51.308 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078520.D
Acq: 22 Feb 2024 16:30

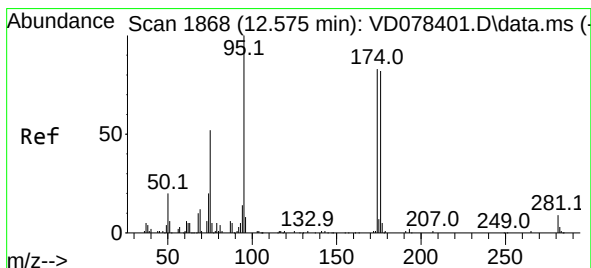
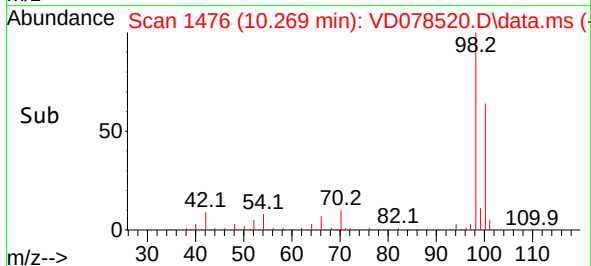
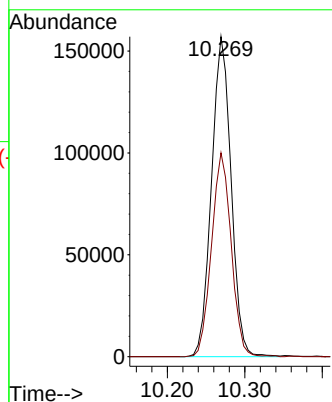
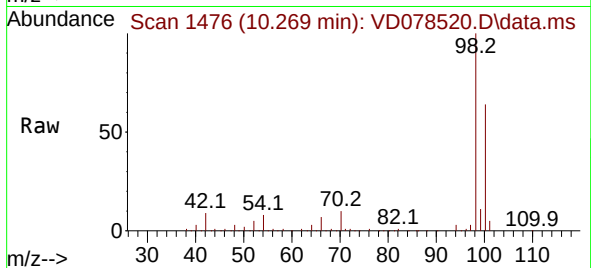
Instrument :

MSVOA_D

ClientSampleId :

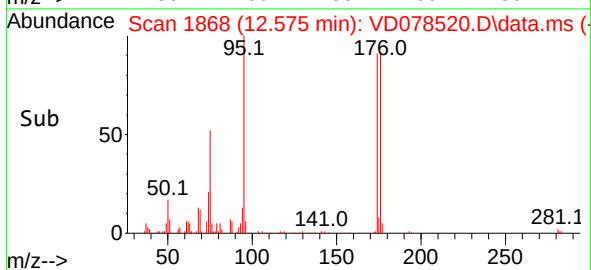
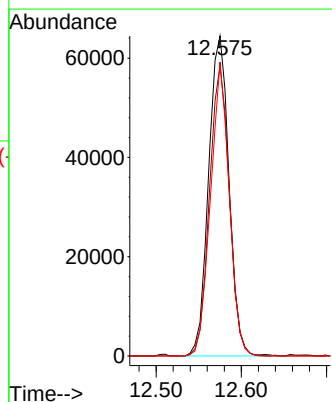
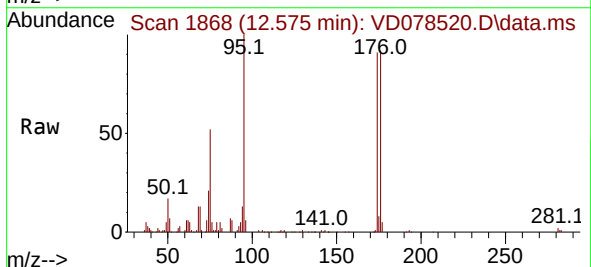
20241104-AMENDED-COMPOSITE-35N-N-4-03

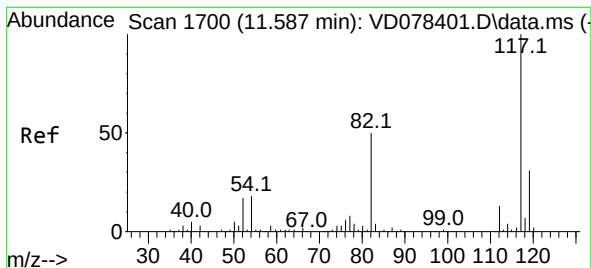
Tgt Ion: 98 Resp: 275256
Ion Ratio Lower Upper
98 100
100 64.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 68.498 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078520.D
Acq: 22 Feb 2024 16:30

Tgt Ion: 95 Resp: 106938
Ion Ratio Lower Upper
95 100
174 88.5 0.0 201.8
176 84.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078520.D

Acq: 22 Feb 2024 16:30

Instrument :

MSVOA_D

ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03

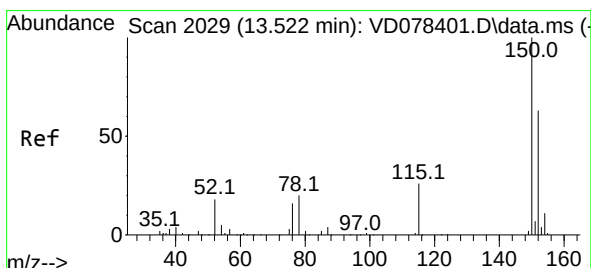
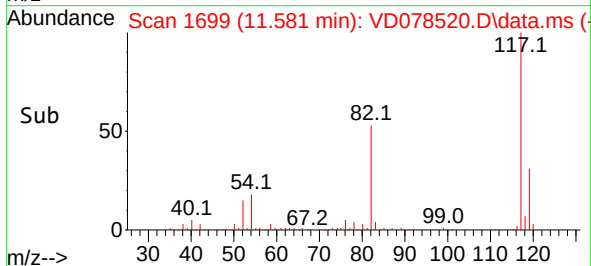
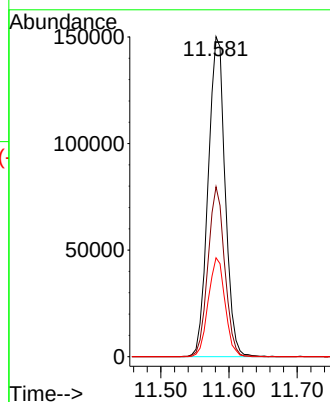
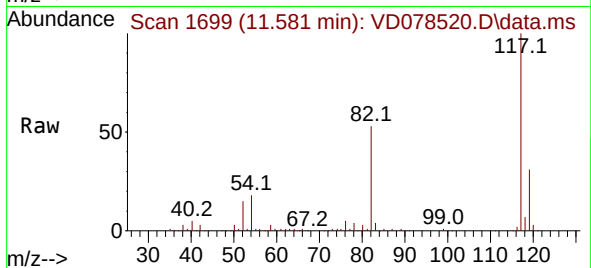
Tgt Ion:117 Resp: 259950

Ion Ratio Lower Upper

117 100

82 53.1 38.3 57.5

119 30.9 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: VD078520.D

Acq: 22 Feb 2024 16:30

Tgt Ion:152 Resp: 126843

Ion Ratio Lower Upper

152 100

115 57.5 27.1 81.3

150 157.2 0.0 353.6

