

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078535.D
 Acq On : 23 Feb 2024 14:50
 Operator : RP/MD
 Sample : P1538-10
 Misc : 5.05G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241103-AMENDED-COMPOSITE-35N-N-4-02

Quant Time: Feb 24 00:22:18 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)

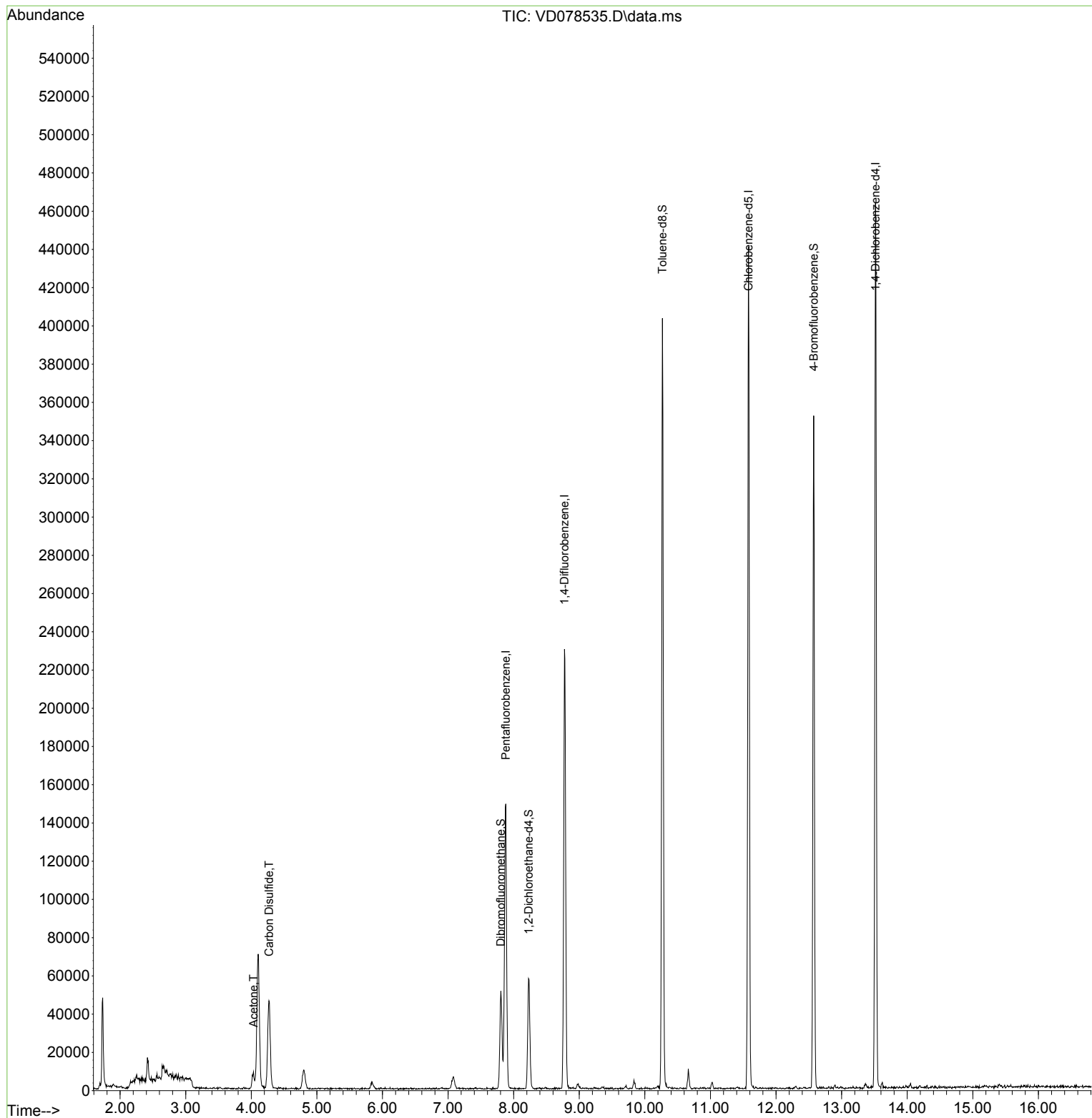
Internal Standards						
1) Pentafluorobenzene	7.881	168	115010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	213726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	258982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	127907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45491	36.582	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.160%
35) Dibromofluoromethane	7.804	113	38129	28.085	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	56.180%
50) Toluene-d8	10.269	98	277314	51.063	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.120%
62) 4-Bromofluorobenzene	12.575	95	101251	64.066	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	128.140%
Target Compounds						
16) Acetone	4.034	43	13510	35.341	ug/l	90
17) Carbon Disulfide	4.269	76	98025	23.235	ug/l	97

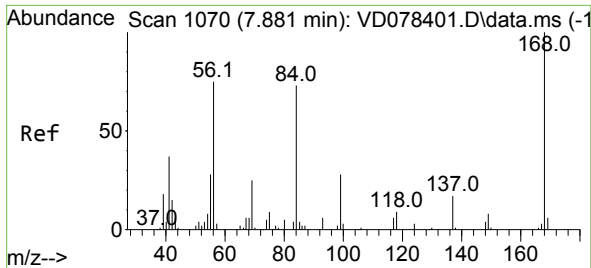
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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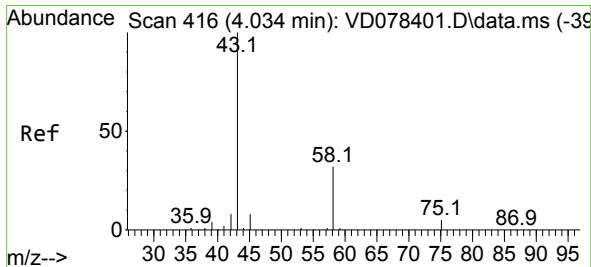
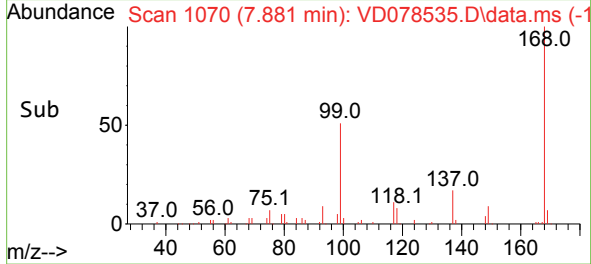
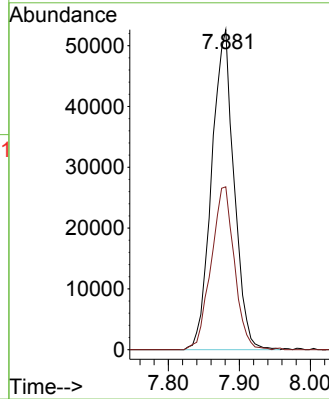
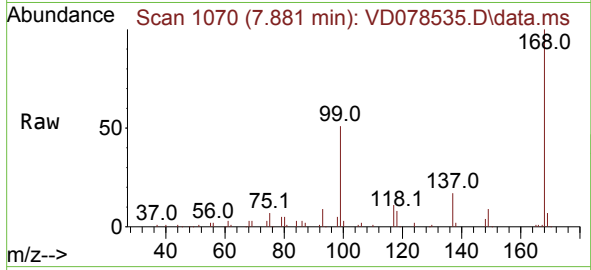




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078535.D
Acq: 23 Feb 2024 14:50

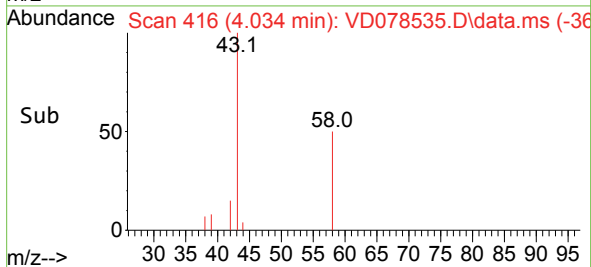
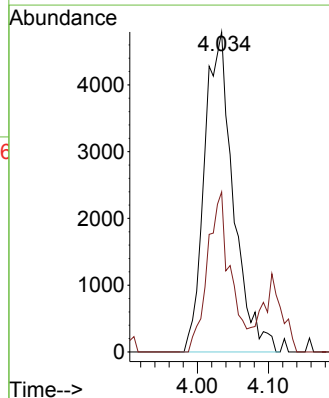
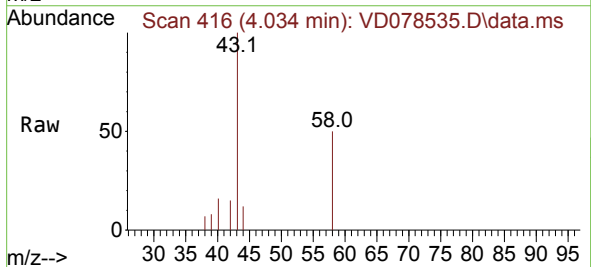
Instrument : MSVOA_D
ClientSampleId : 20241103-AMENDED-COMPOSITE-35N-N-4-02

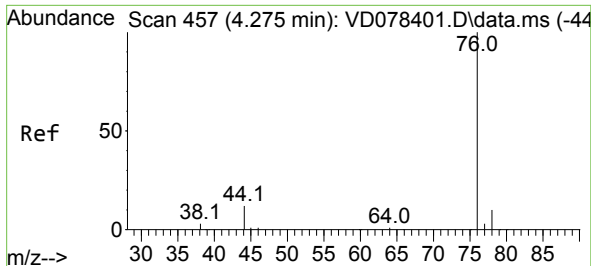
Tgt Ion:168 Resp: 115010
Ion Ratio Lower Upper
168 100
99 50.9 36.7 55.1



#16
Acetone
Concen: 35.341 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.000 min
Lab File: VD078535.D
Acq: 23 Feb 2024 14:50

Tgt Ion: 43 Resp: 13510
Ion Ratio Lower Upper
43 100
58 50.0 34.7 52.1





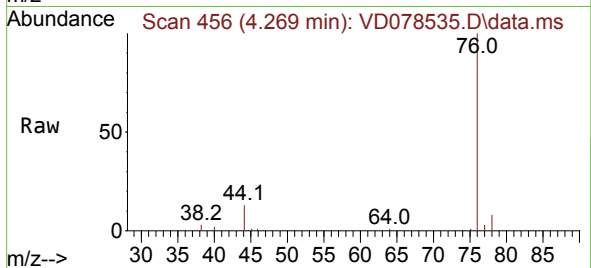
#17
Carbon Disulfide
Concen: 23.235 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078535.D
Acq: 23 Feb 2024 14:50

Instrument :

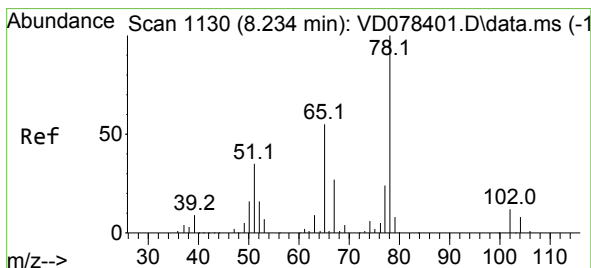
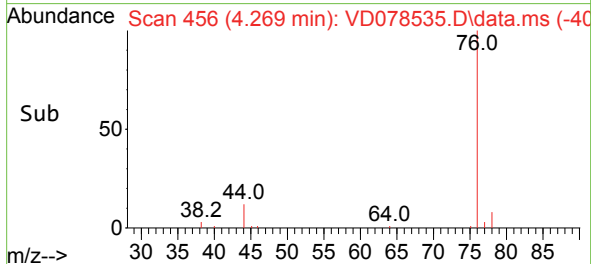
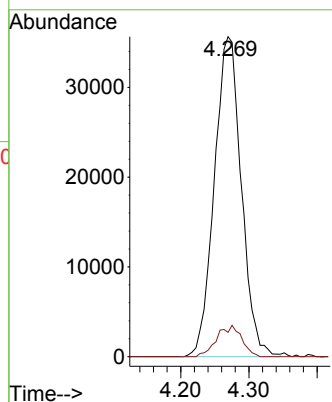
MSVOA_D

ClientSampleId :

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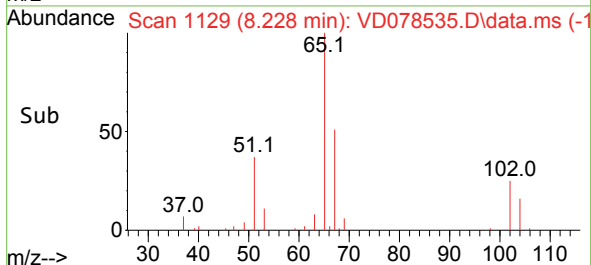
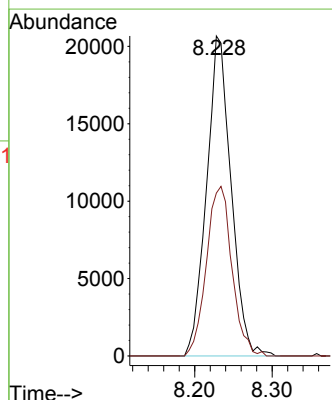
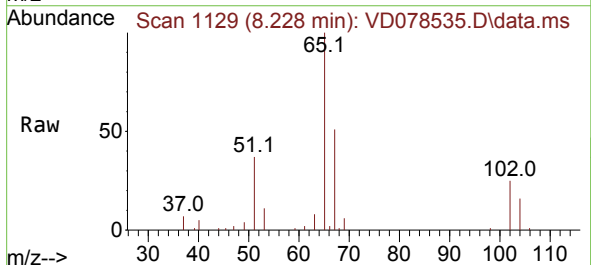


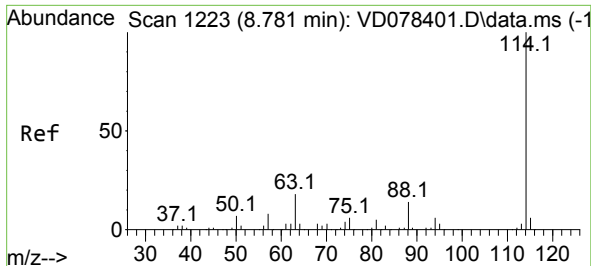
Tgt Ion: 76 Resp: 98025
Ion Ratio Lower Upper
76 100
78 7.6 6.8 10.2



#33
1,2-Dichloroethane-d4
Concen: 36.582 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078535.D
Acq: 23 Feb 2024 14:50

Tgt Ion: 65 Resp: 45491
Ion Ratio Lower Upper
65 100
67 55.1 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: VD078535.D

Acq: 23 Feb 2024 14:50

Instrument :

MSVOA_D

ClientSampleId :

20241103-AMENDED-COMPOSITE-35N-N-4-02

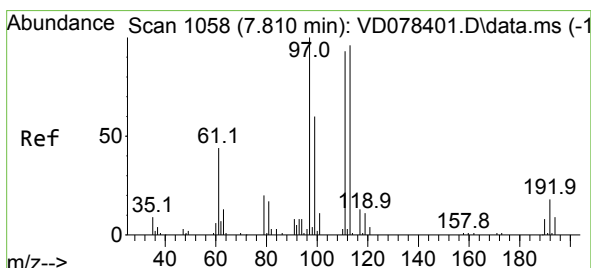
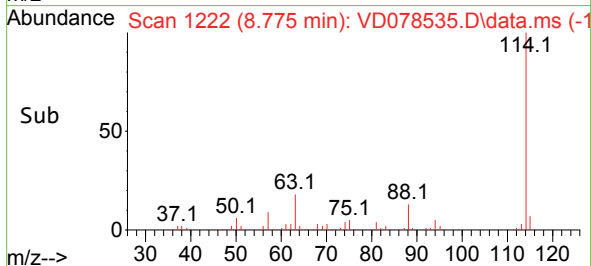
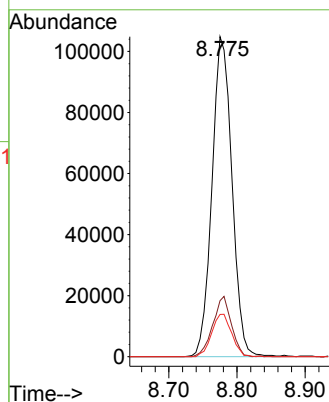
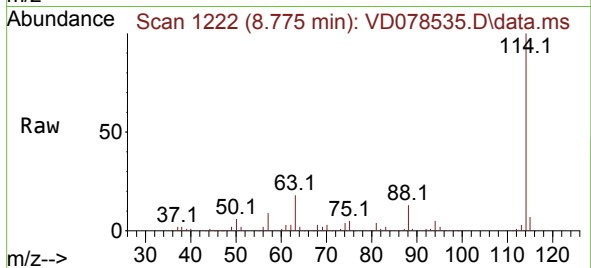
Tgt Ion:114 Resp: 213726

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 13.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 28.085 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078535.D

Acq: 23 Feb 2024 14:50

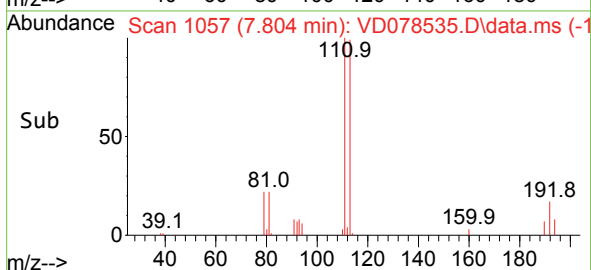
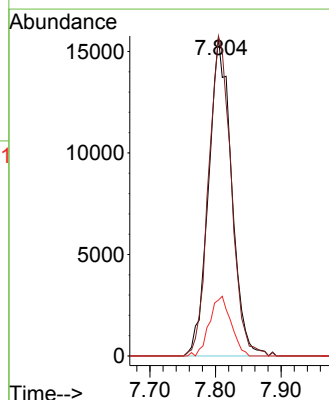
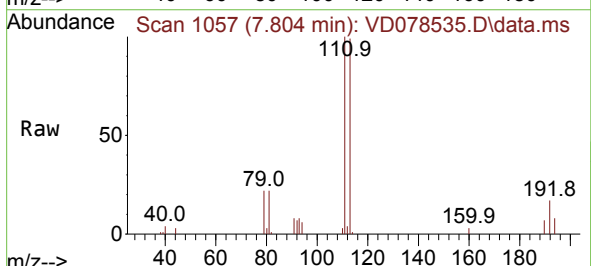
Tgt Ion:113 Resp: 38129

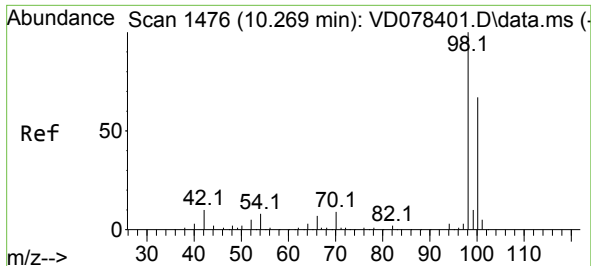
Ion Ratio Lower Upper

113 100

111 99.1 84.7 127.1

192 17.5 16.8 25.2





#50
Toluene-d8
Concen: 51.063 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078535.D
Acq: 23 Feb 2024 14:50

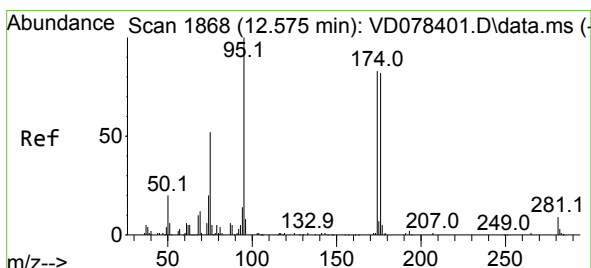
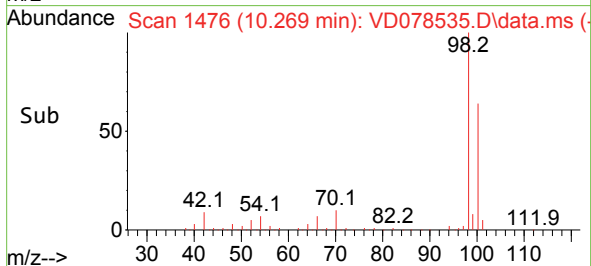
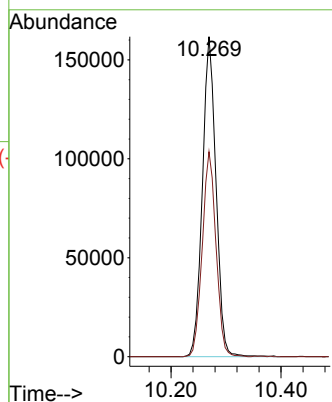
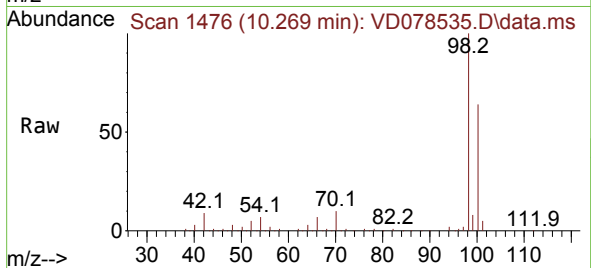
Instrument :

MSVOA_D

ClientSampleId :

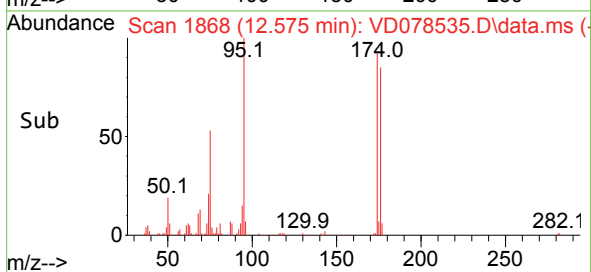
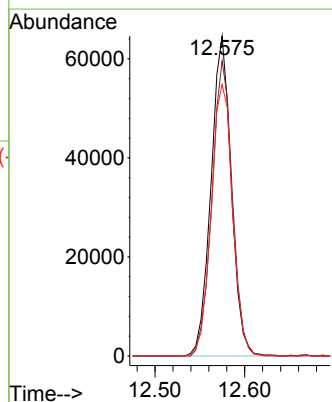
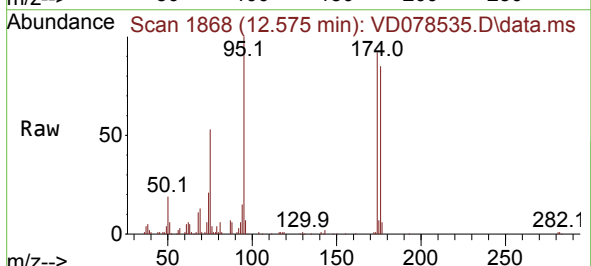
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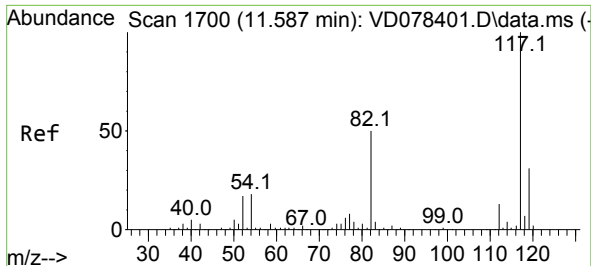
Tgt Ion: 98 Resp: 277314
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 64.066 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078535.D
Acq: 23 Feb 2024 14:50

Tgt Ion: 95 Resp: 101251
Ion Ratio Lower Upper
95 100
174 93.2 0.0 201.8
176 89.1 0.0 191.8





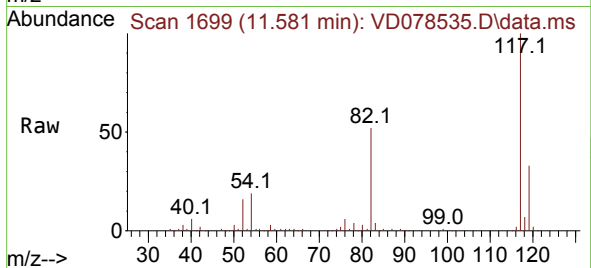
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078535.D
Acq: 23 Feb 2024 14:50

Instrument :

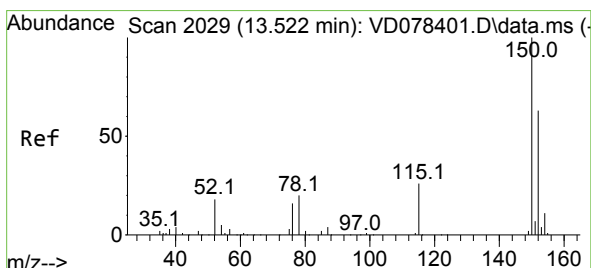
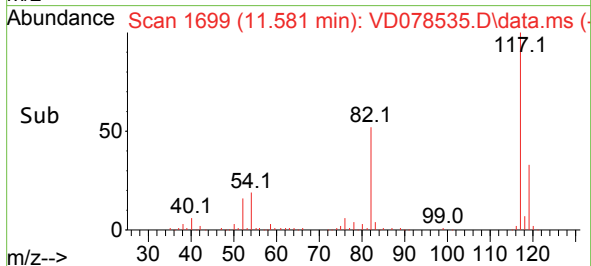
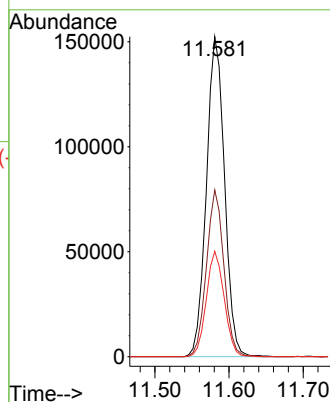
MSVOA_D

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Tgt Ion:117 Resp: 258982
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 32.9 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: VD078535.D
Acq: 23 Feb 2024 14:50

Tgt Ion:152 Resp: 127907
Ion Ratio Lower Upper
152 100
115 56.0 27.1 81.3
150 154.6 0.0 353.6

