

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078537.D
 Acq On : 23 Feb 2024 15:46
 Operator : RP/MD
 Sample : P1538-12RE
 Misc : 5.02G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241105-AMENDED-COMPOSITE-35N-N-4-04RE

Quant Time: Feb 24 00:24:03 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)

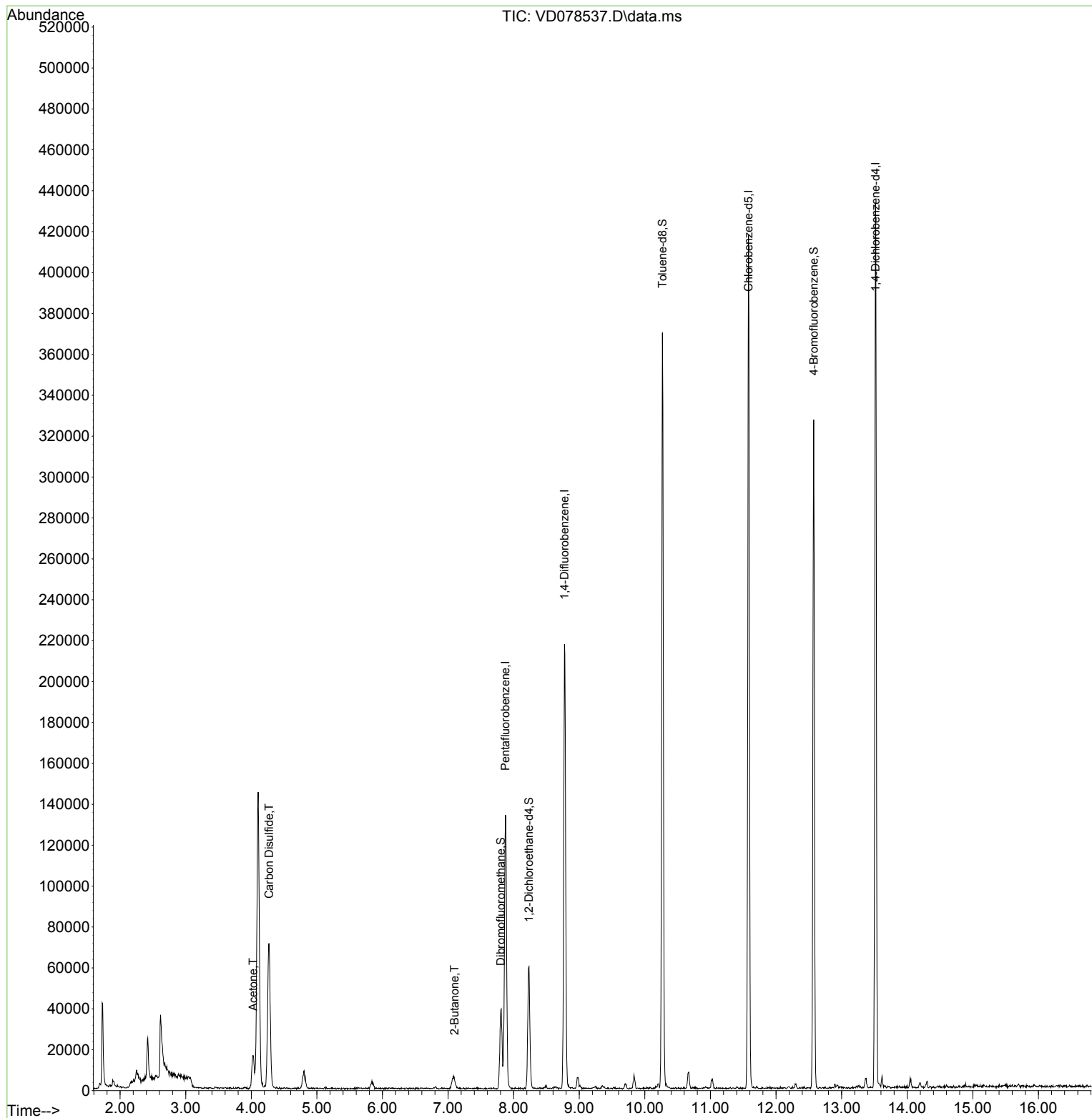
Internal Standards						
1) Pentafluorobenzene	7.875	168	105146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	200520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	245706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44865	39.463	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.920%
35) Dibromofluoromethane	7.804	113	30079	23.615	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	47.220%#
50) Toluene-d8	10.269	98	258708	50.774	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.540%
62) 4-Bromofluorobenzene	12.575	95	96540	65.108	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	130.220%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	28098	113.443	ug/l	95
17) Carbon Disulfide	4.269	76	150627	39.053	ug/l	97
25) 2-Butanone	7.099	43	6341	6.738	ug/l #	84

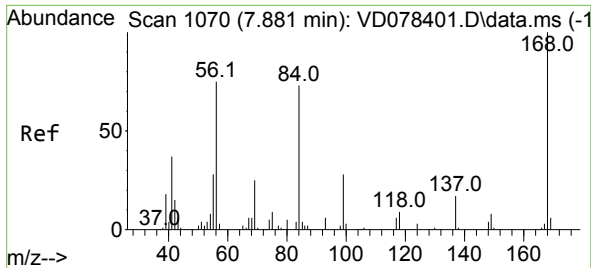
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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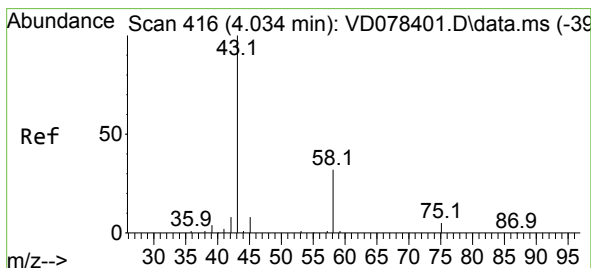
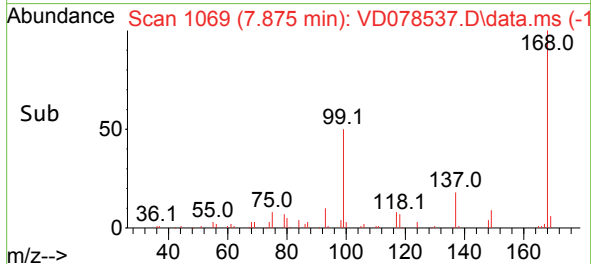
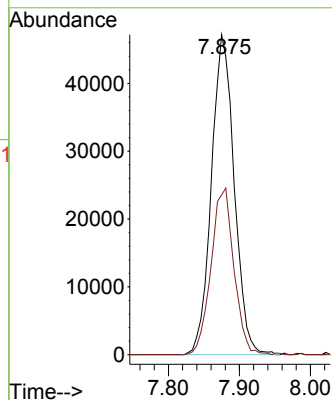
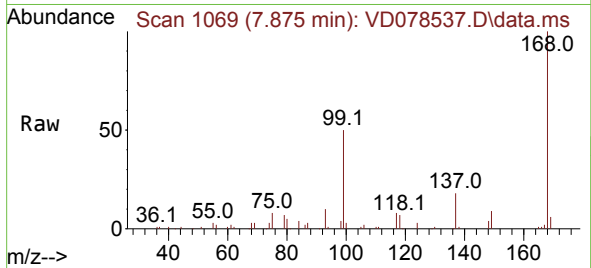




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD078537.D
Acq: 23 Feb 2024 15:46

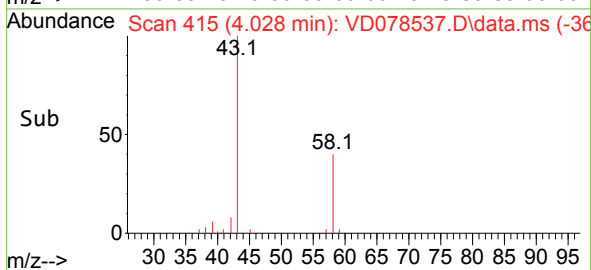
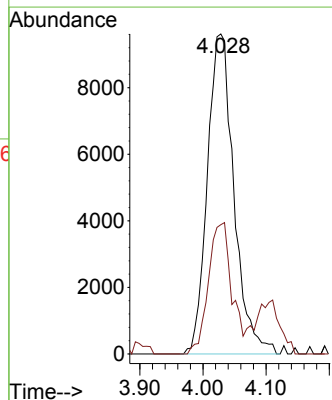
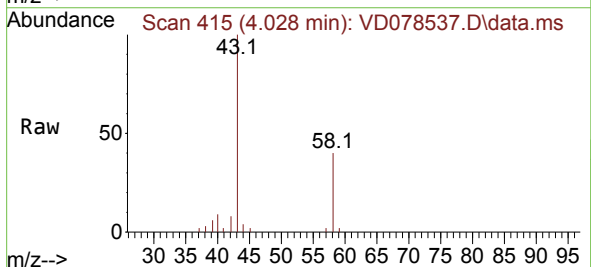
Instrument : MSVOA_D
ClientSampleId : 20241105-AMENDED-COMPOSITE-35N-N-4-04RE

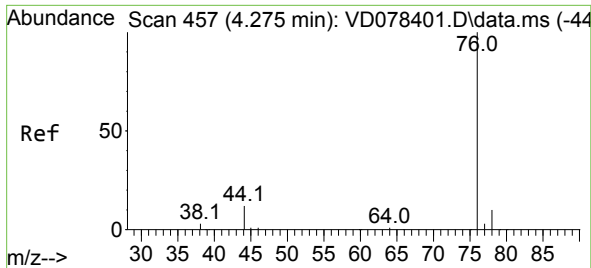
Tgt Ion:168 Resp: 105146
Ion Ratio Lower Upper
168 100
99 49.9 36.7 55.1



#16
Acetone
Concen: 113.443 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078537.D
Acq: 23 Feb 2024 15:46

Tgt Ion: 43 Resp: 28098
Ion Ratio Lower Upper
43 100
58 40.4 34.7 52.1

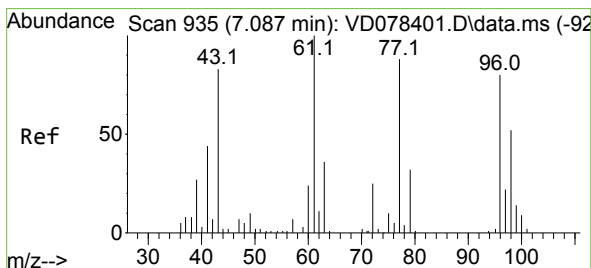
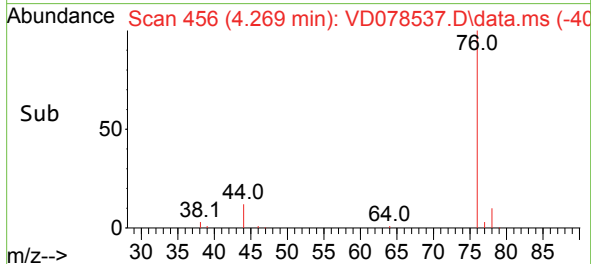
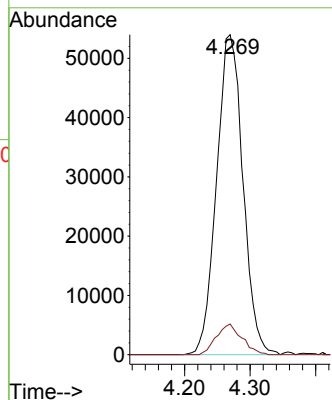
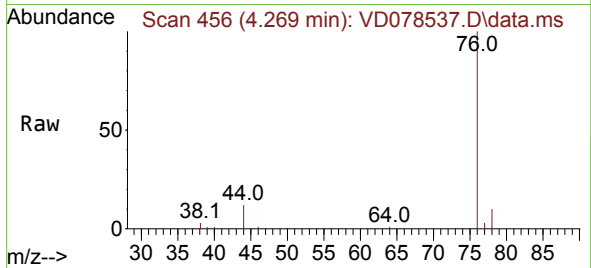




#17
Carbon Disulfide
Concen: 39.053 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078537.D
Acq: 23 Feb 2024 15:46

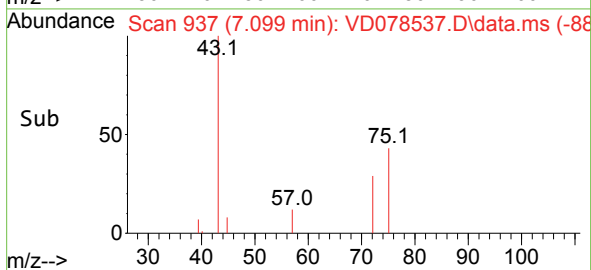
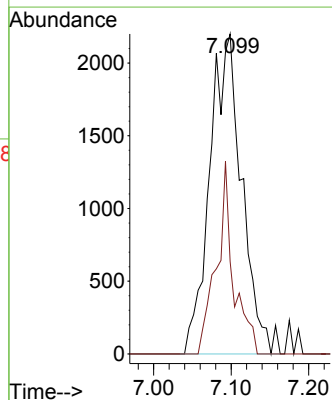
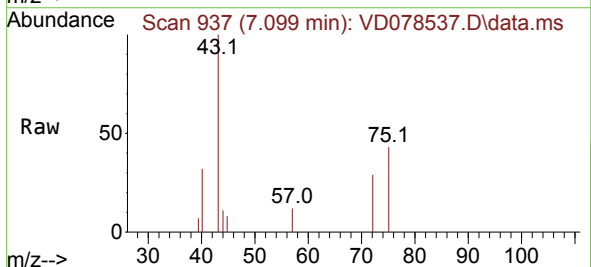
Instrument :
MSVOA_D
ClientSampleId :
20241105-AMENDED-COMPOSITE-35N-N-4-04RE

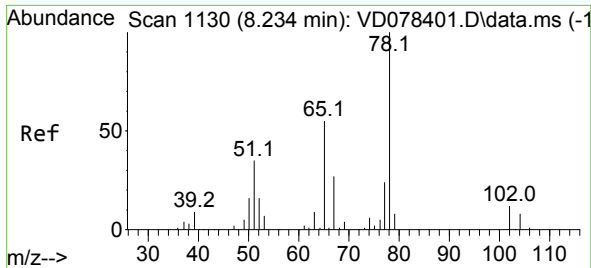
Tgt Ion: 76 Resp: 150627
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#25
2-Butanone
Concen: 6.738 ug/l
RT: 7.099 min Scan# 937
Delta R.T. 0.012 min
Lab File: VD078537.D
Acq: 23 Feb 2024 15:46

Tgt Ion: 43 Resp: 6341
Ion Ratio Lower Upper
43 100
72 29.0 30.7 46.1#

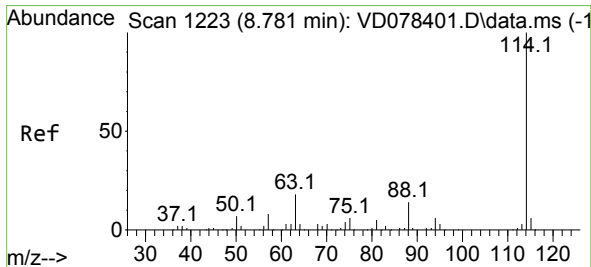
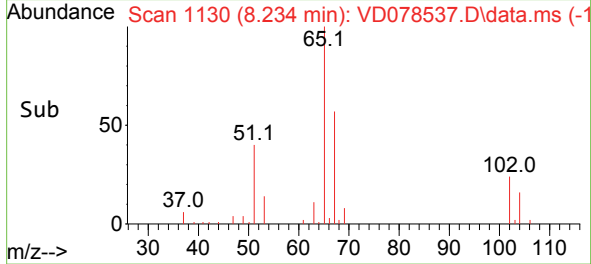
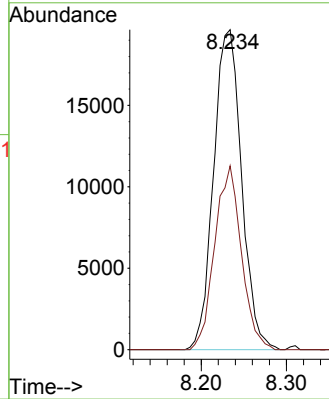
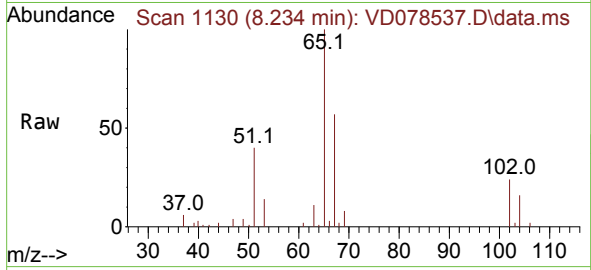




#33
1,2-Dichloroethane-d4
Concen: 39.463 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078537.D
Acq: 23 Feb 2024 15:46

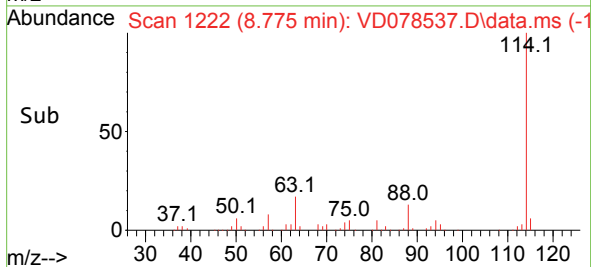
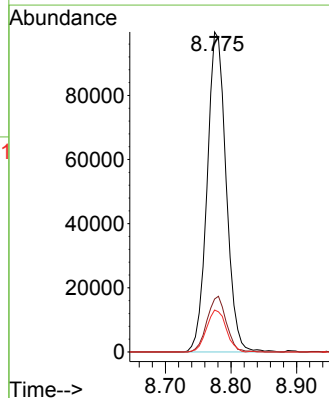
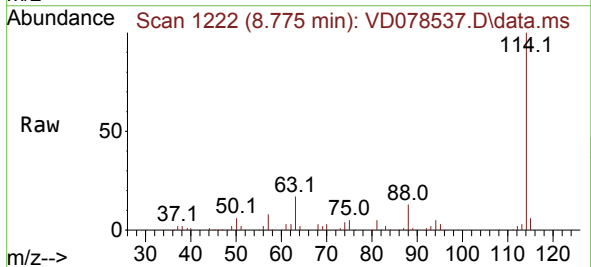
Instrument : MSVOA_D
ClientSampleId : 20241105-AMENDED-COMPOSITE-35N-N-4-04RE

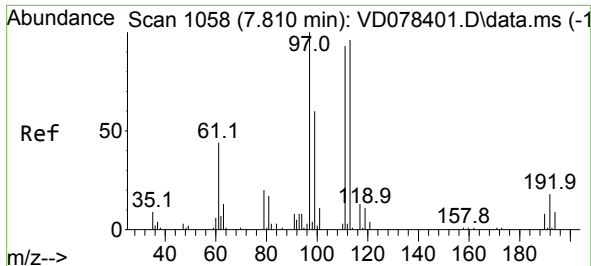
Tgt Ion: 65 Resp: 44865
Ion Ratio Lower Upper
65 100
67 54.8 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD078537.D
Acq: 23 Feb 2024 15:46

Tgt Ion:114 Resp: 200520
Ion Ratio Lower Upper
114 100
63 16.5 0.0 33.4
88 13.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 23.615 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078537.D

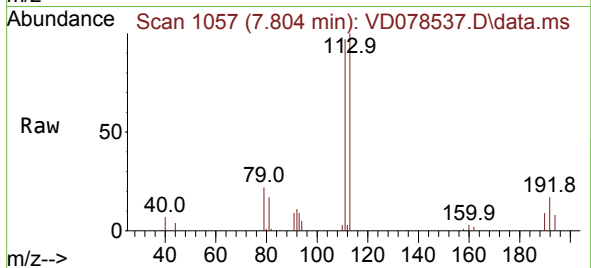
Acq: 23 Feb 2024 15:46

Instrument :

MSVOA_D

ClientSampleId :

20241105-AMENDED-COMPOSITE-35N-N-4-04RE



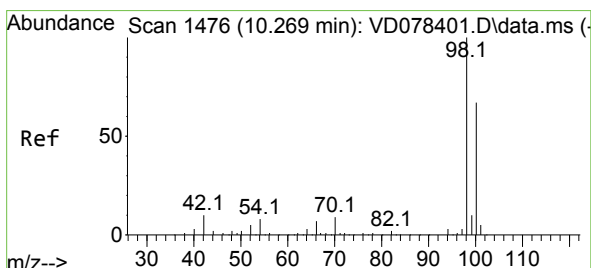
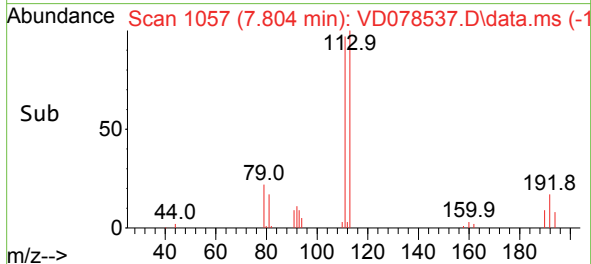
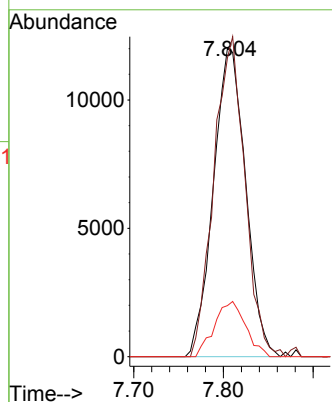
Tgt Ion:113 Resp: 30079

Ion Ratio Lower Upper

113 100

111 99.1 84.7 127.1

192 17.3 16.8 25.2



#50

Toluene-d8

Concen: 50.774 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078537.D

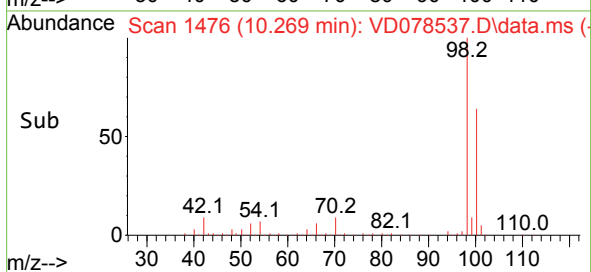
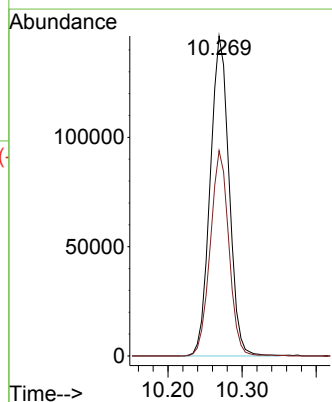
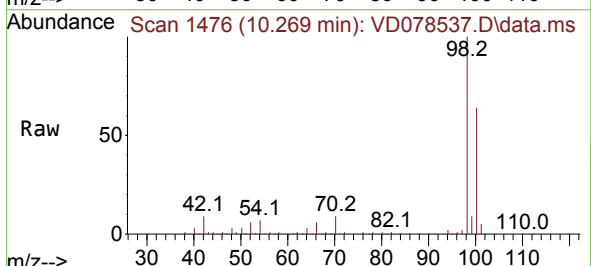
Acq: 23 Feb 2024 15:46

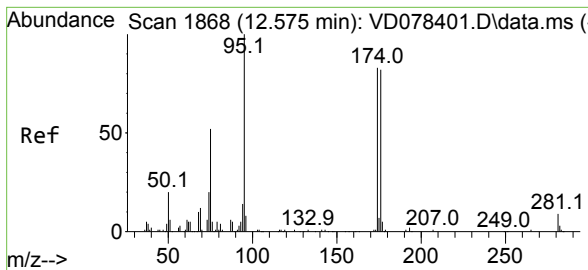
Tgt Ion: 98 Resp: 258708

Ion Ratio Lower Upper

98 100

100 63.3 50.3 75.5

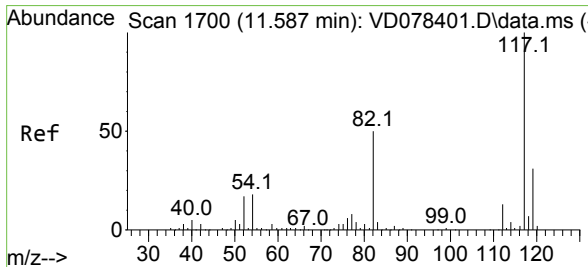
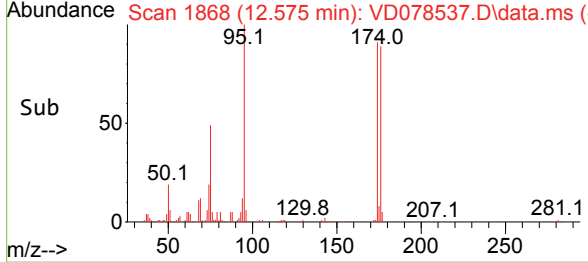
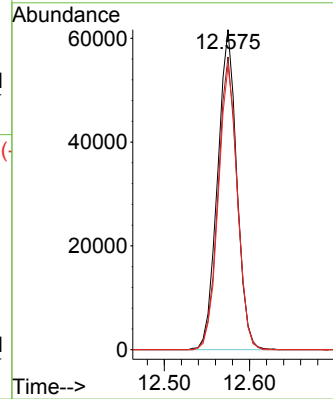
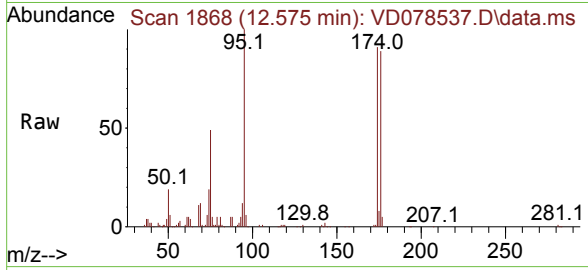




#62
4-Bromofluorobenzene
Concen: 65.108 ug/l
RT: 12.575 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078537.D
Acq: 23 Feb 2024 15:46

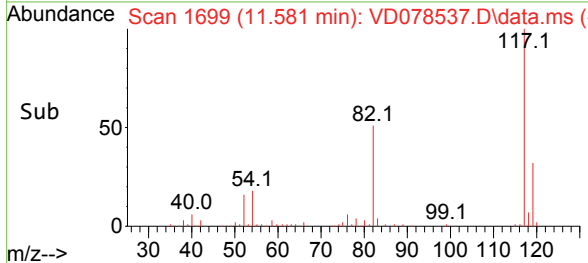
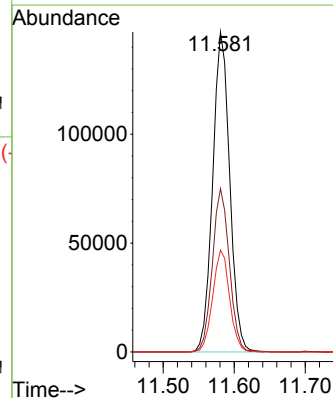
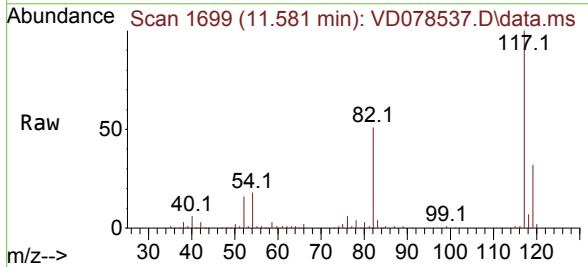
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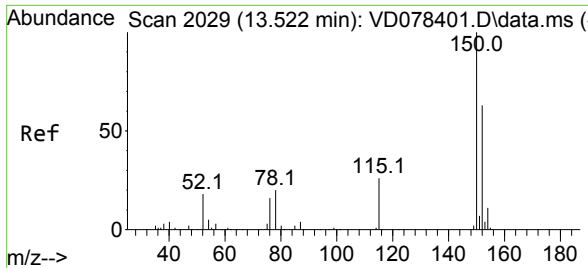
Tgt Ion:	95	Resp:	96540
Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	201.8
176	88.1	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078537.D
Acq: 23 Feb 2024 15:46

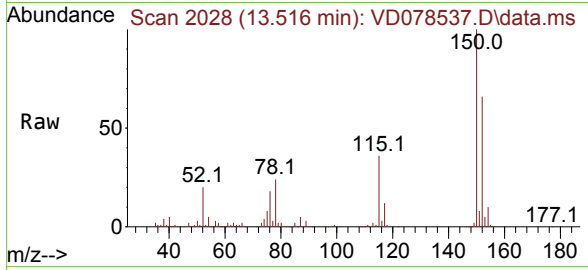
Tgt Ion:	117	Resp:	245706
Ion	Ratio	Lower	Upper
117	100		
82	51.1	38.3	57.5
119	31.8	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078537.D
 Acq: 23 Feb 2024 15:46

Instrument : MSVOA_D
 ClientSampleId : 20241105-AMENDED-COMPOSITE-35N-N-4-04RE



Tgt Ion:152 Resp: 118217

Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.1	81.3
150	156.4	0.0	353.6

