

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078538.D
 Acq On : 23 Feb 2024 16:14
 Operator : RP/MD
 Sample : P1538-14RE
 Misc : 5.09G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06RE

Quant Time: Feb 24 00:24:27 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)

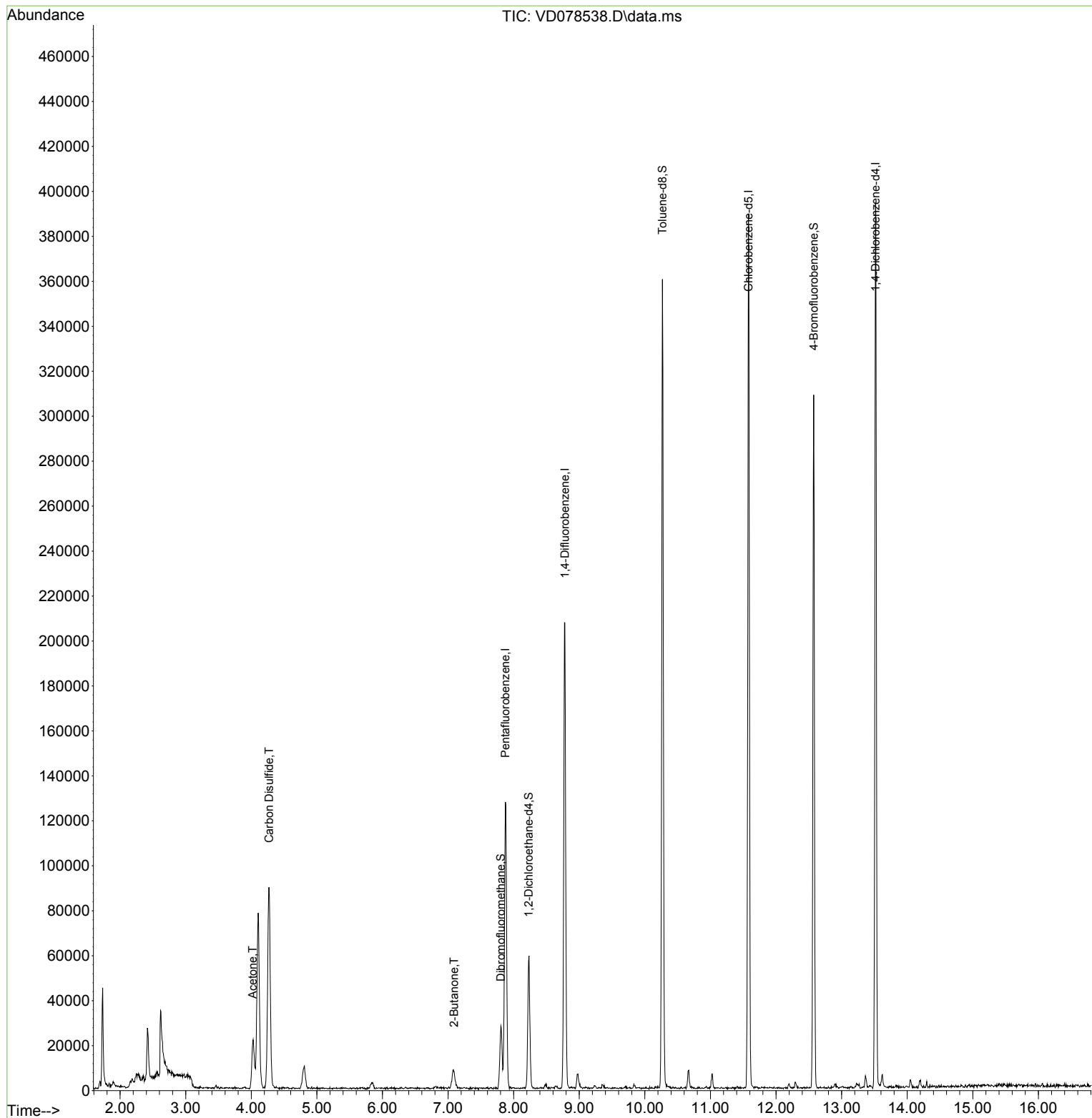
Internal Standards						
1) Pentafluorobenzene	7.875	168	99448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	191027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	233814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	107353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42895	39.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.780%
35) Dibromofluoromethane	7.804	113	20550	16.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	33.880%#
50) Toluene-d8	10.269	98	245725	50.623	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.240%
62) 4-Bromofluorobenzene	12.575	95	90509	64.074	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	128.140%
Target Compounds						
16) Acetone	4.022	43	37969	174.538	ug/l #	84
17) Carbon Disulfide	4.269	76	189527	51.955	ug/l	98
25) 2-Butanone	7.093	43	8329	15.869	ug/l #	80

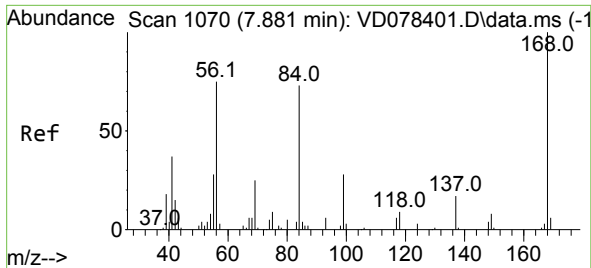
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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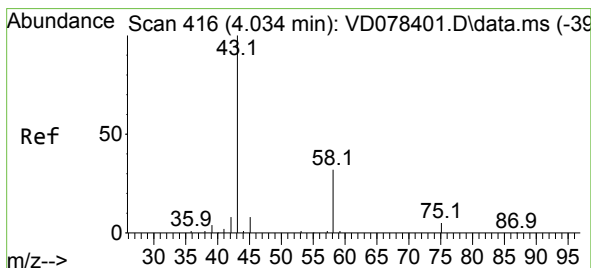
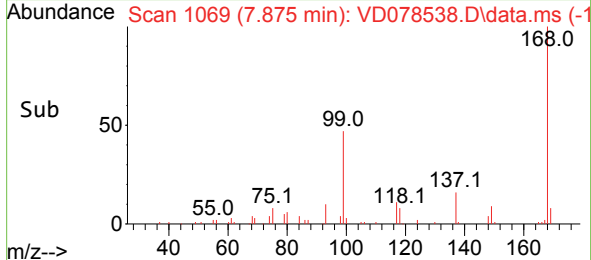
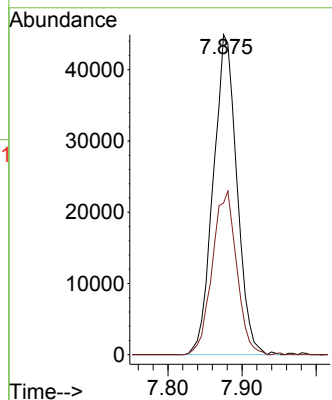
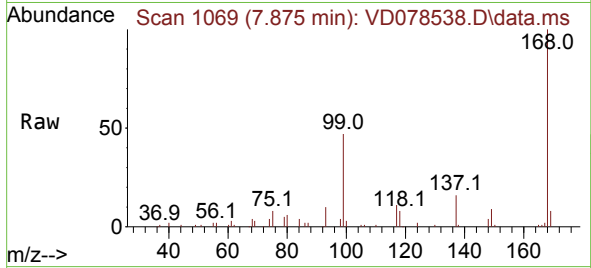




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078538.D
Acq: 23 Feb 2024 16:14

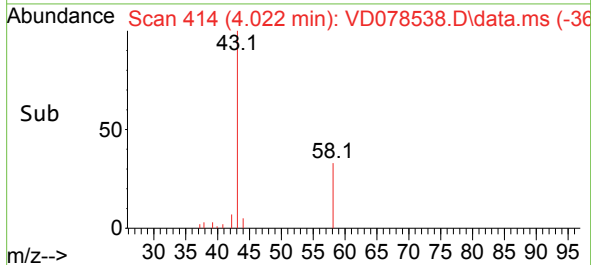
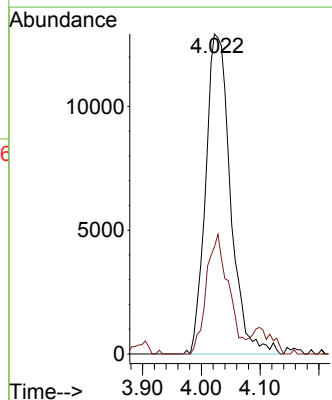
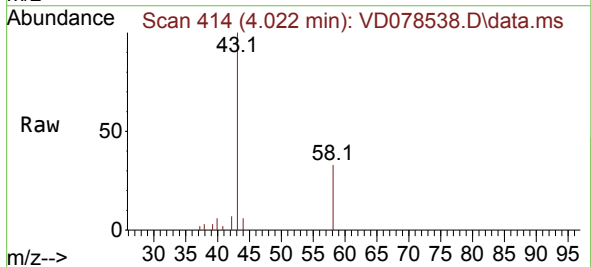
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06RE

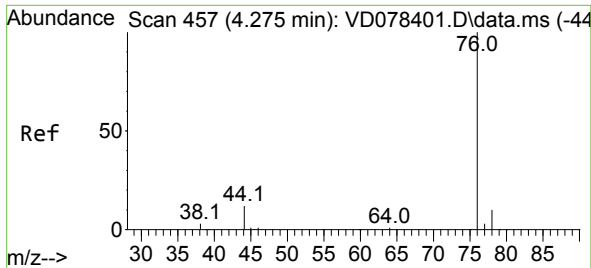
Tgt Ion:168 Resp: 99448
Ion Ratio Lower Upper
168 100
99 47.4 36.7 55.1



#16
Acetone
Concen: 174.538 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078538.D
Acq: 23 Feb 2024 16:14

Tgt Ion: 43 Resp: 37969
Ion Ratio Lower Upper
43 100
58 33.4 34.7 52.1#

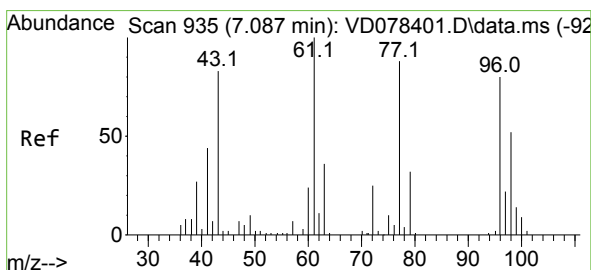
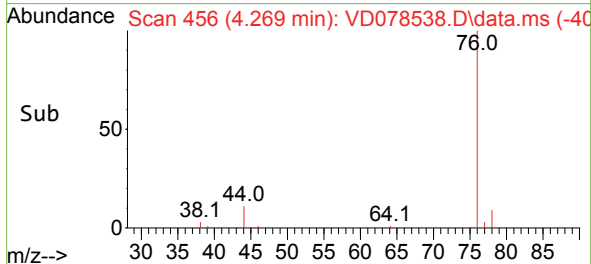
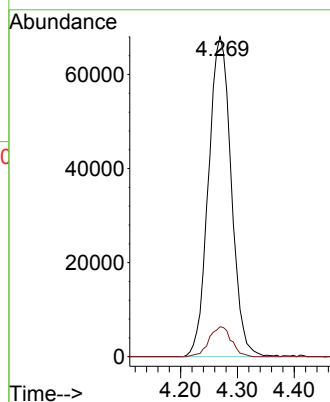
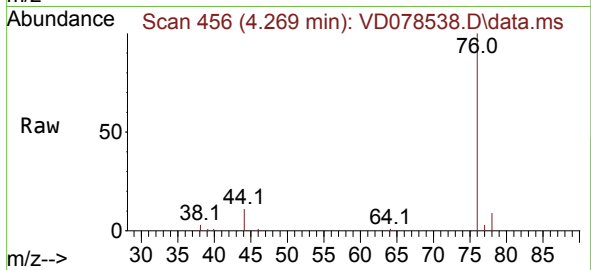




#17
Carbon Disulfide
Concen: 51.955 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078538.D
Acq: 23 Feb 2024 16:14

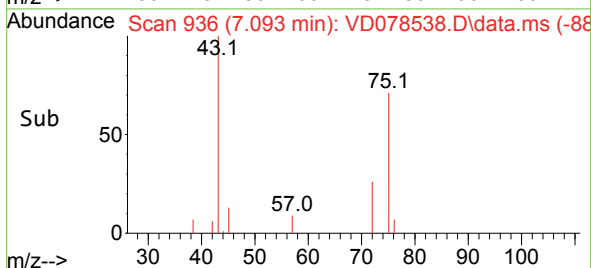
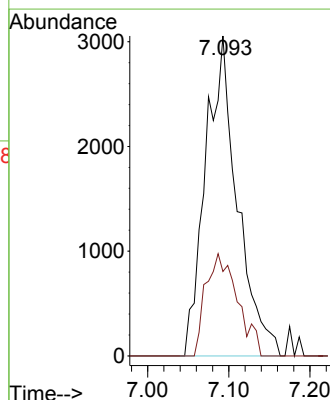
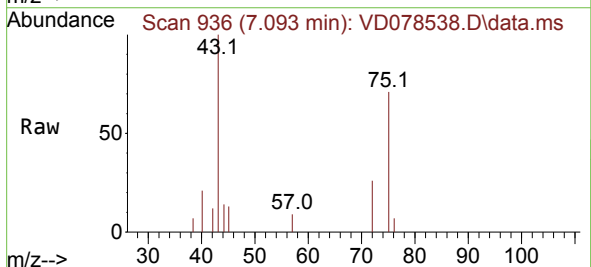
Instrument :
MSVOA_D
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06RE

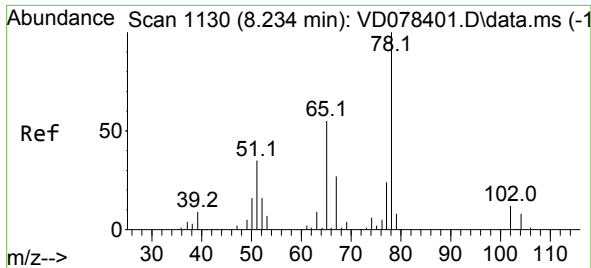
Tgt Ion: 76 Resp: 189527
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#25
2-Butanone
Concen: 15.869 ug/l
RT: 7.093 min Scan# 936
Delta R.T. 0.006 min
Lab File: VD078538.D
Acq: 23 Feb 2024 16:14

Tgt Ion: 43 Resp: 8329
Ion Ratio Lower Upper
43 100
72 26.4 30.7 46.1#

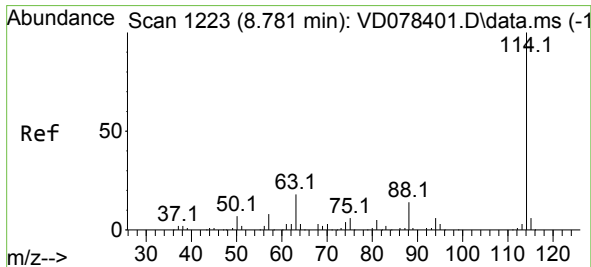
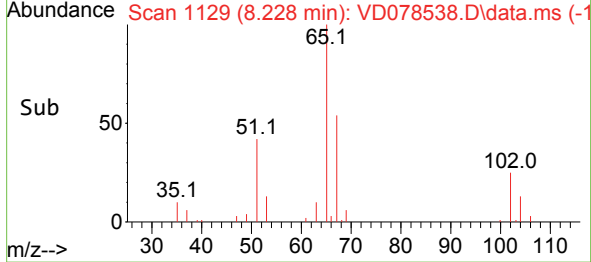
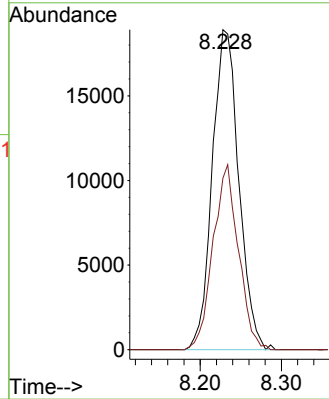
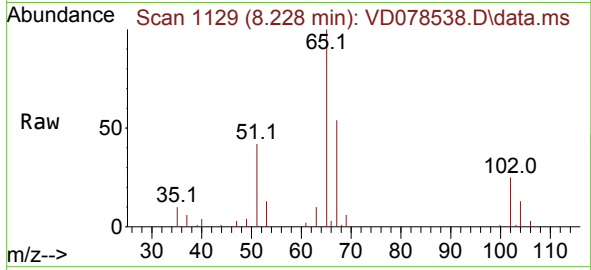




#33
1,2-Dichloroethane-d4
Concen: 39.892 ug/l
RT: 8.228 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD078538.D
Acq: 23 Feb 2024 16:14

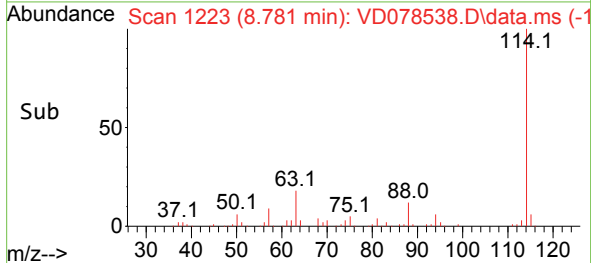
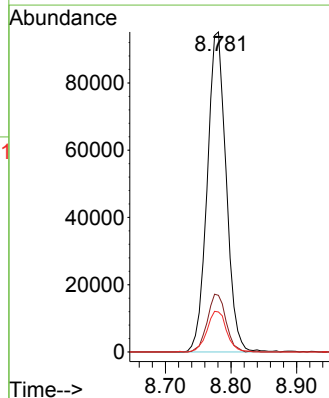
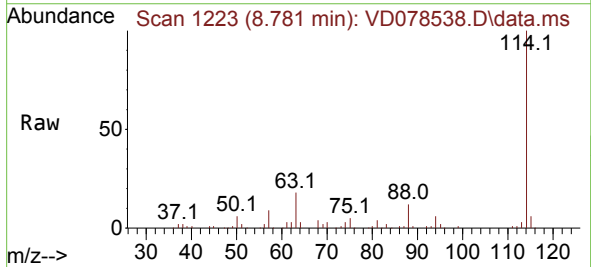
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06RE

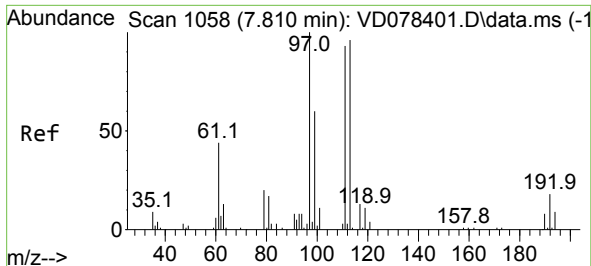
Tgt Ion: 65 Resp: 42895
Ion Ratio Lower Upper
65 100
67 55.6 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD078538.D
Acq: 23 Feb 2024 16:14

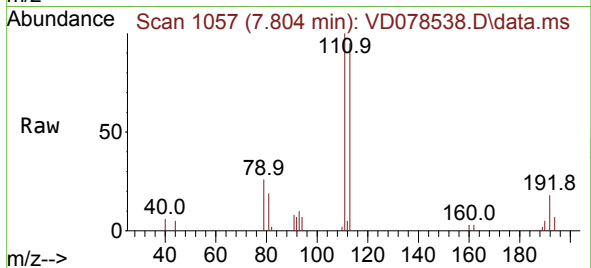
Tgt Ion: 114 Resp: 191027
Ion Ratio Lower Upper
114 100
63 17.7 0.0 33.4
88 12.5 0.0 26.2



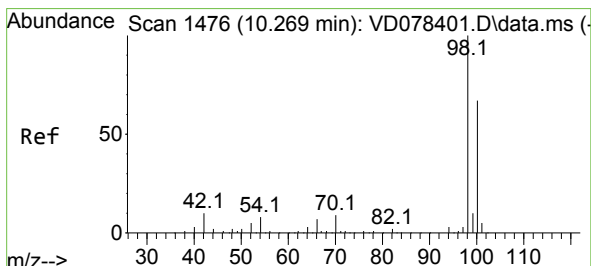
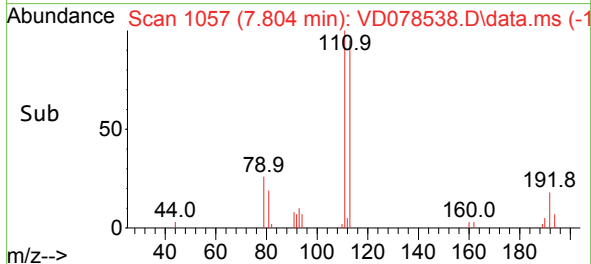
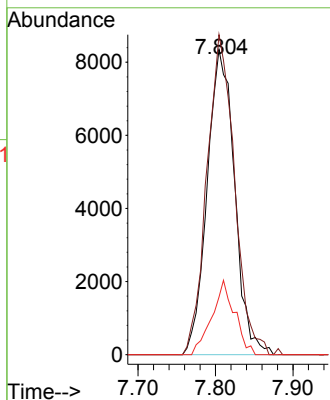


#35
 Dibromofluoromethane
 Concen: 16.935 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD078538.D
 Acq: 23 Feb 2024 16:14

Instrument : MSVOA_D
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06RE

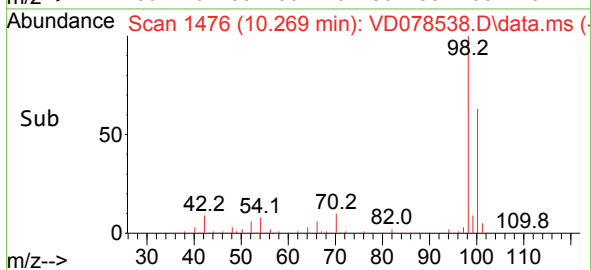
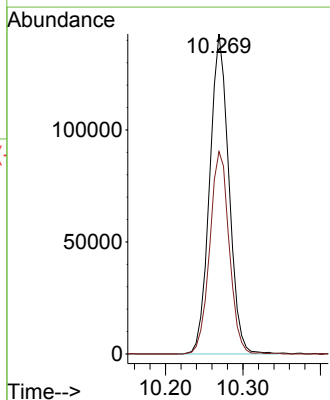
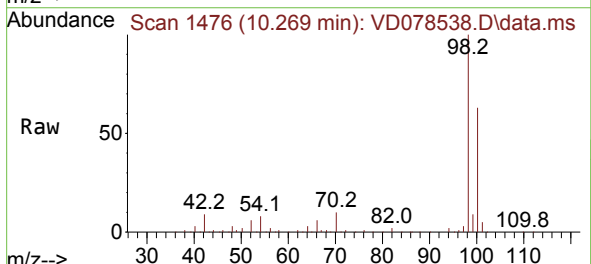


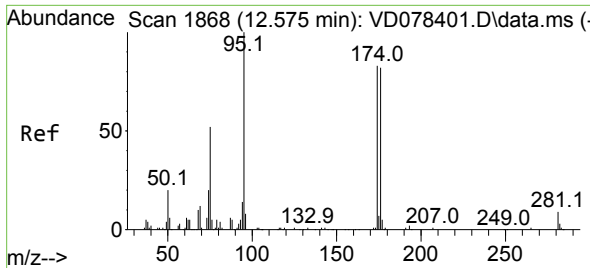
Tgt Ion:	113	Resp:	20550
Ion	Ratio	Lower	Upper
113	100		
111	105.8	84.7	127.1
192	20.3	16.8	25.2



#50
 Toluene-d8
 Concen: 50.623 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. -0.000 min
 Lab File: VD078538.D
 Acq: 23 Feb 2024 16:14

Tgt Ion:	98	Resp:	245725
Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.3	75.5

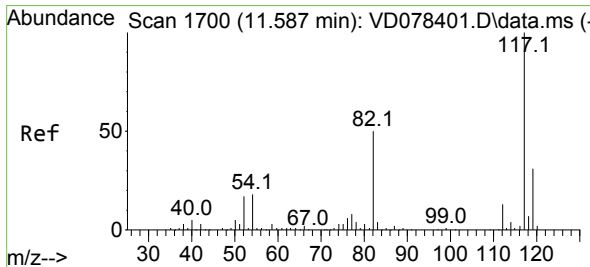
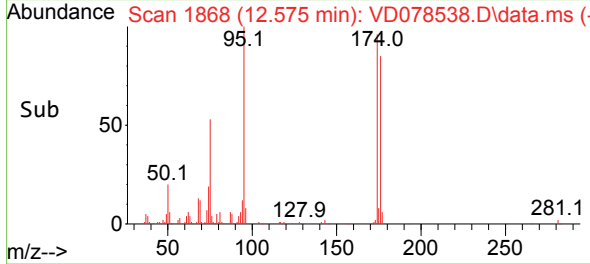
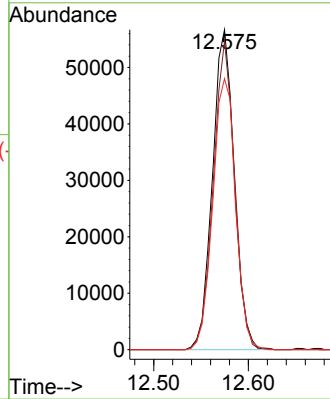
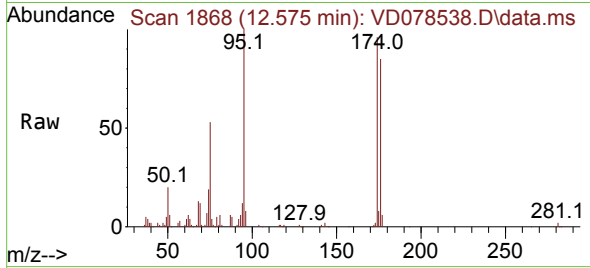




#62
4-Bromofluorobenzene
Concen: 64.074 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078538.D
Acq: 23 Feb 2024 16:14

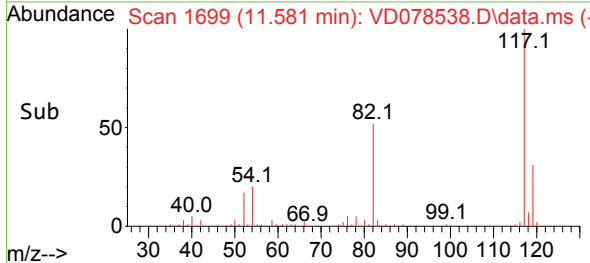
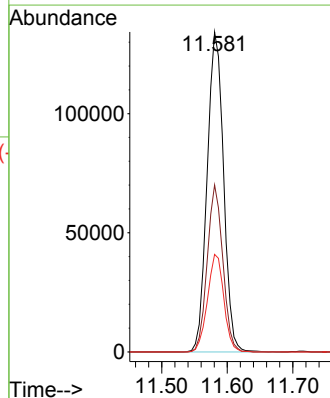
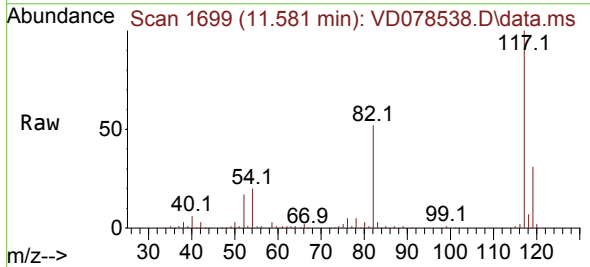
Instrument :
MSVOA_D
ClientSampleId :
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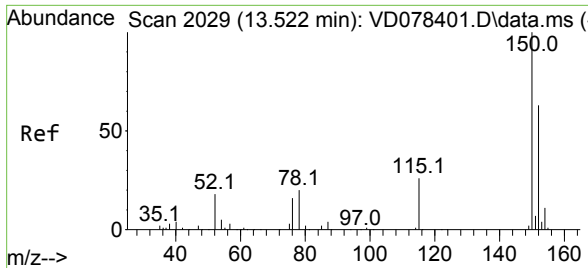
Tgt Ion:	95	Resp:	90509
Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	201.8
176	88.4	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078538.D
Acq: 23 Feb 2024 16:14

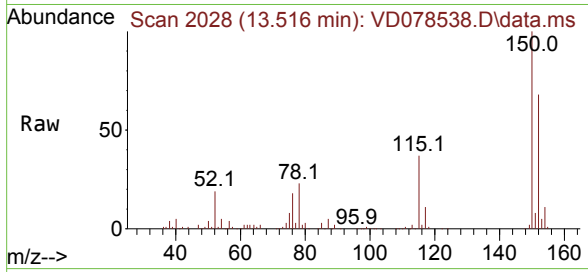
Tgt Ion:	117	Resp:	233814
Ion	Ratio	Lower	Upper
117	100		
82	52.2	38.3	57.5
119	30.5	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD078538.D
Acq: 23 Feb 2024 16:14

Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06RE



Tgt Ion:152 Resp: 107353
Ion Ratio Lower Upper
152 100
115 56.6 27.1 81.3
150 156.4 0.0 353.6

