

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078536.D
 Acq On : 23 Feb 2024 15:18
 Operator : RP/MD
 Sample : P1538-11RE
 Misc : 5.08G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Feb 24 00:23:40 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)

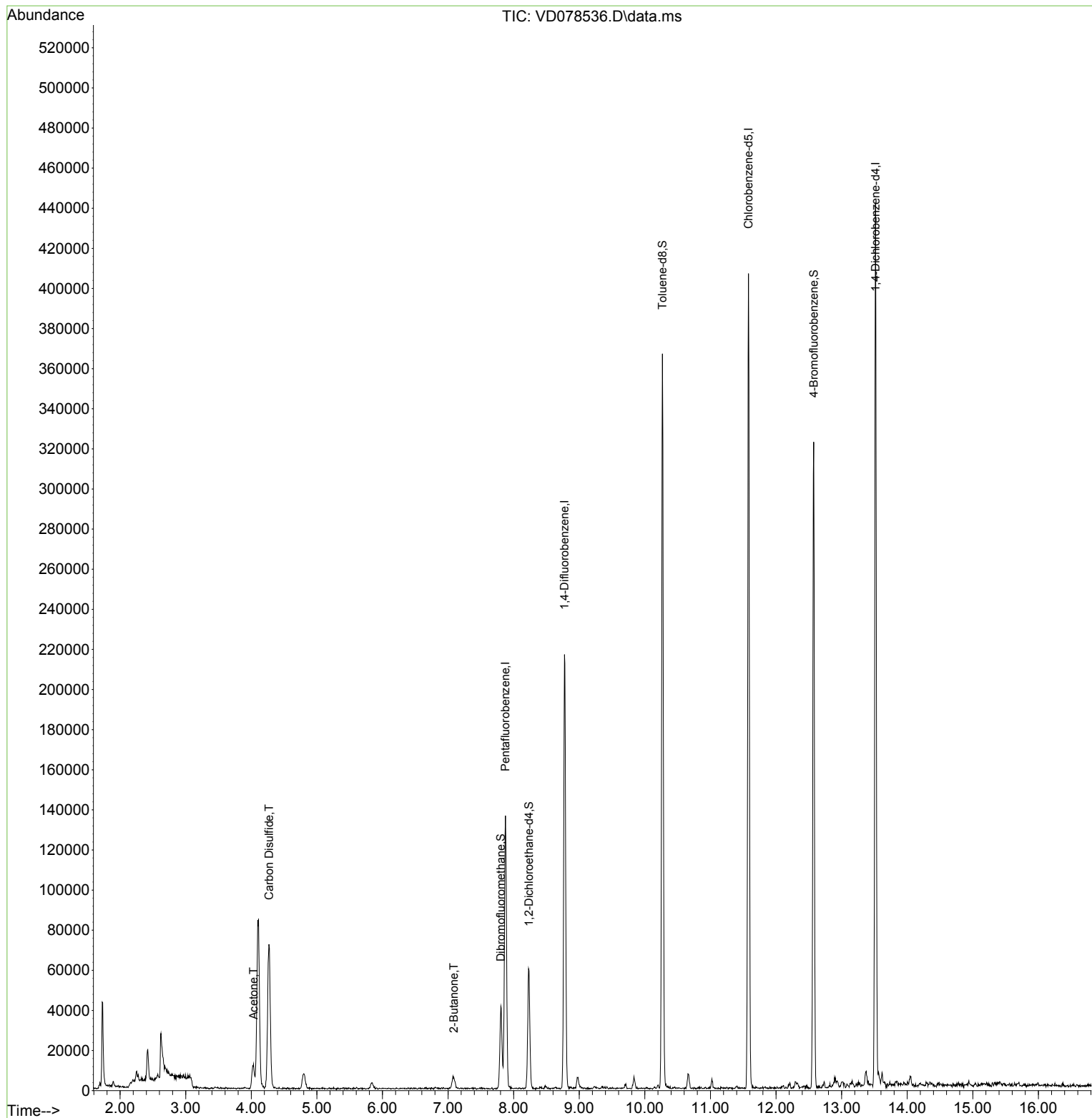
Internal Standards						
1) Pentafluorobenzene	7.875	168	105186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	199117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	240371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	45795	40.266	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.540%
35) Dibromofluoromethane	7.804	113	28713	22.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	45.400%#
50) Toluene-d8	10.269	98	252777	49.960	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.575	95	94327	64.064	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	128.120%
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	20314	74.556	ug/l	88
17) Carbon Disulfide	4.269	76	157085	40.712	ug/l	98
25) 2-Butanone	7.087	43	5062	1.993	ug/l #	78

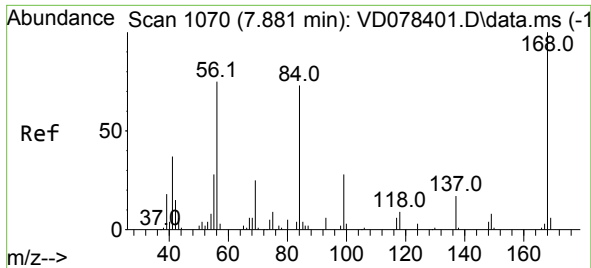
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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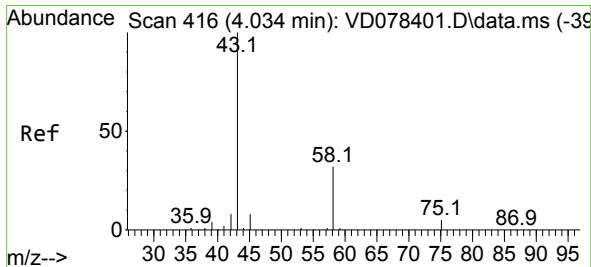
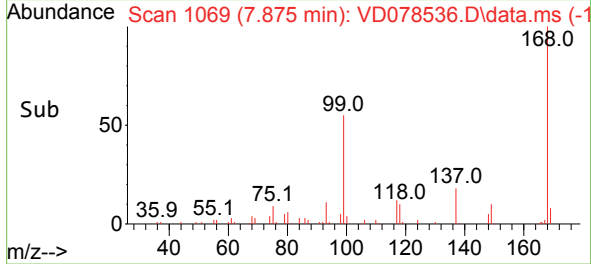
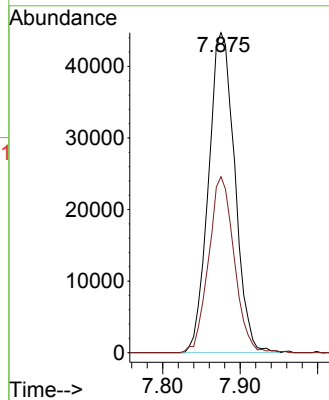
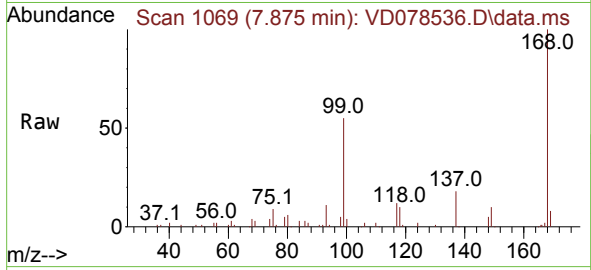




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

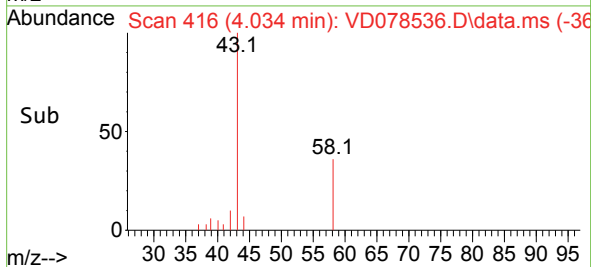
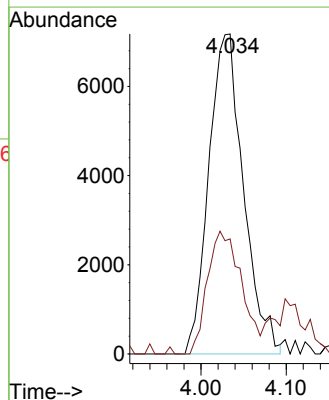
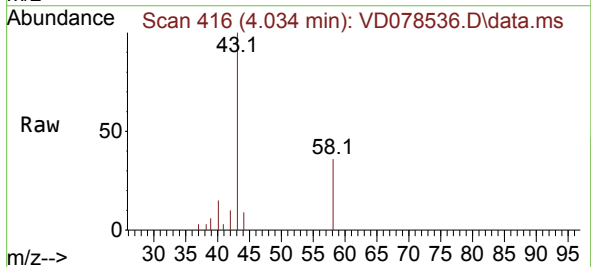
Instrument :
MSVOA_D
ClientSampleId :
20241104-AMENDED-COMPOSITE-35N-N-4-03RE

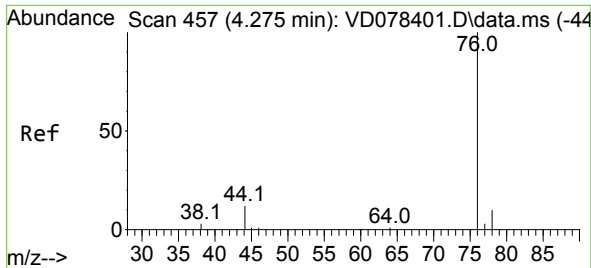
Tgt Ion:168 Resp: 105186
Ion Ratio Lower Upper
168 100
99 55.0 36.7 55.1



#16
Acetone
Concen: 74.556 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.000 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

Tgt Ion: 43 Resp: 20314
Ion Ratio Lower Upper
43 100
58 36.0 34.7 52.1

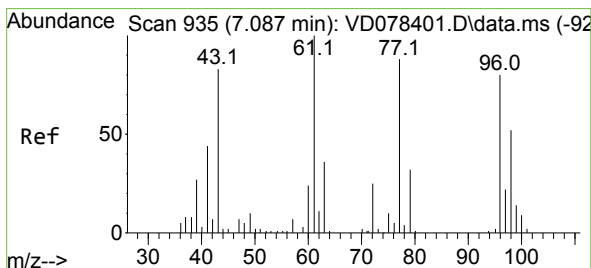
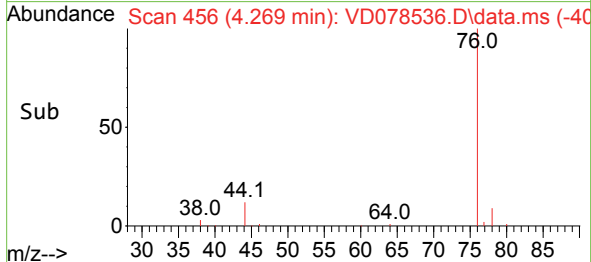
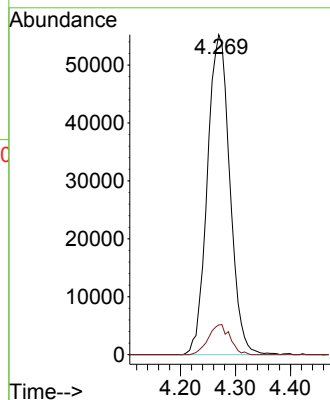
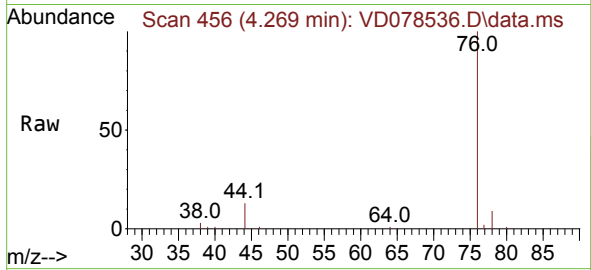




#17
Carbon Disulfide
Concen: 40.712 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

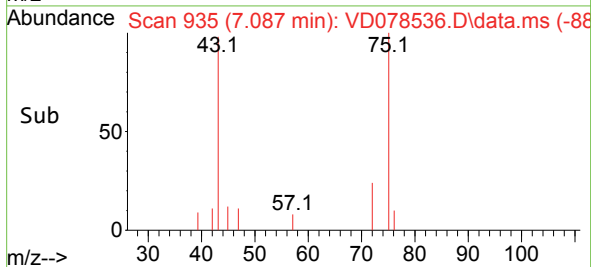
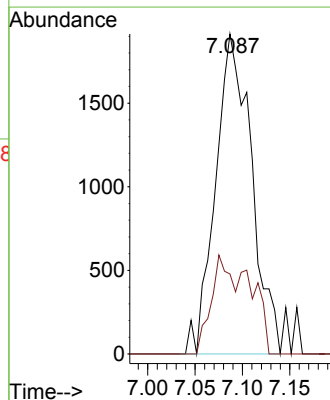
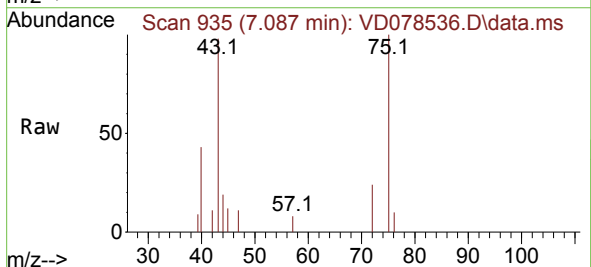
Instrument :
MSVOA_D
ClientSampleId :
20241104-AMENDED-COMPOSITE-35N-N-4-03RE

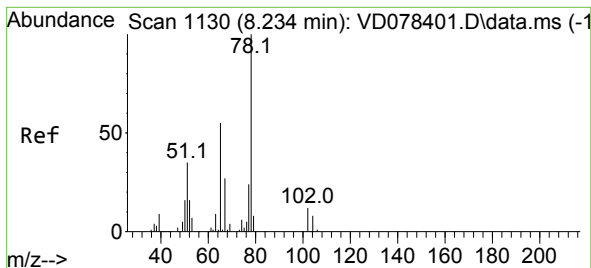
Tgt Ion: 76 Resp: 157085
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#25
2-Butanone
Concen: 1.993 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.000 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

Tgt Ion: 43 Resp: 5062
Ion Ratio Lower Upper
43 100
72 25.0 30.7 46.1#





#33

1,2-Dichloroethane-d4

Concen: 40.266 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078536.D

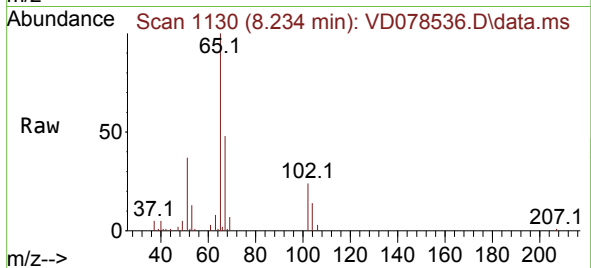
Acq: 23 Feb 2024 15:18

Instrument :

MSVOA_D

ClientSampleId :

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

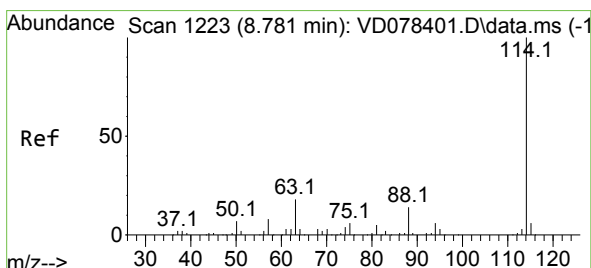
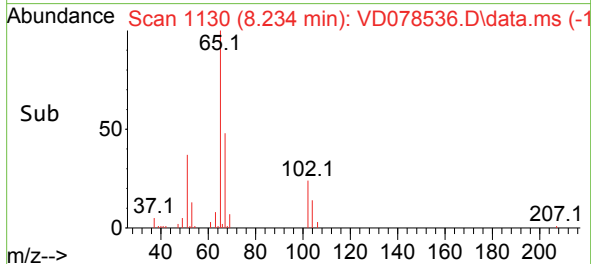
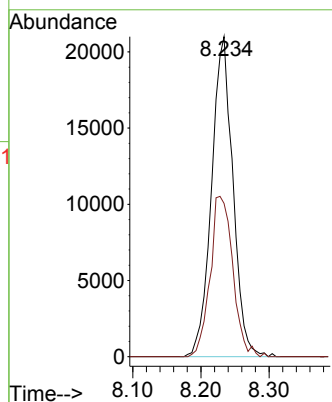


Tgt Ion: 65 Resp: 45795

Ion Ratio Lower Upper

65 100

67 53.3 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: VD078536.D

Acq: 23 Feb 2024 15:18

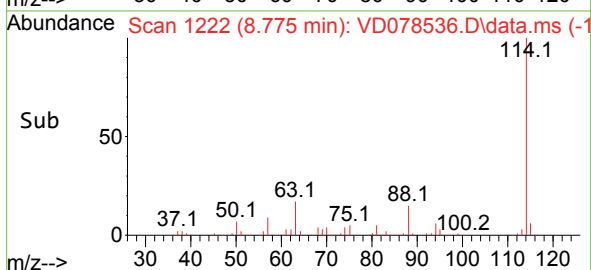
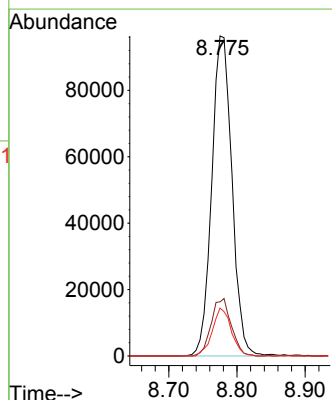
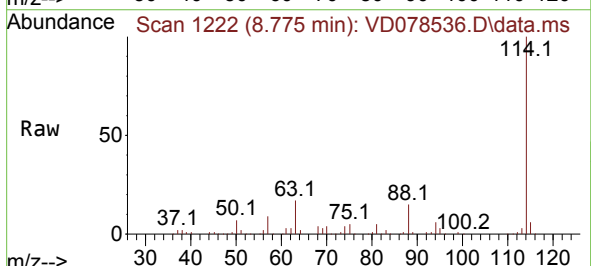
Tgt Ion: 114 Resp: 199117

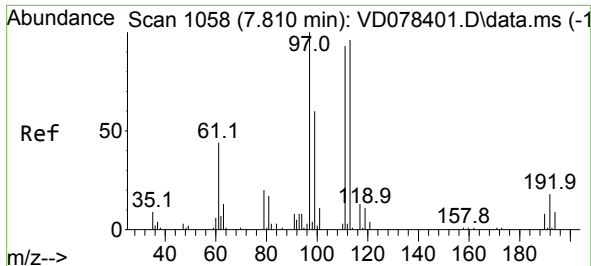
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

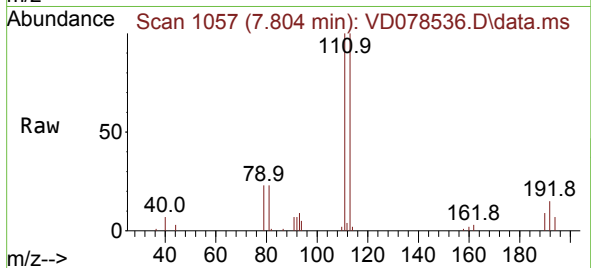
88 14.9 0.0 26.2





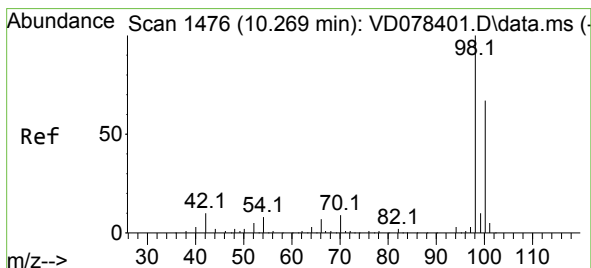
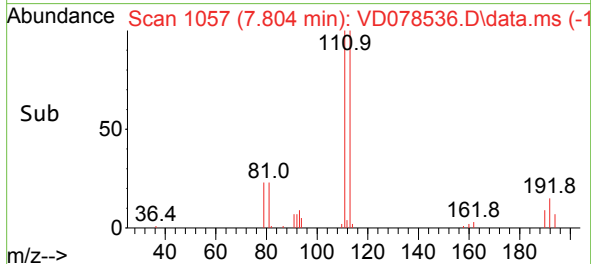
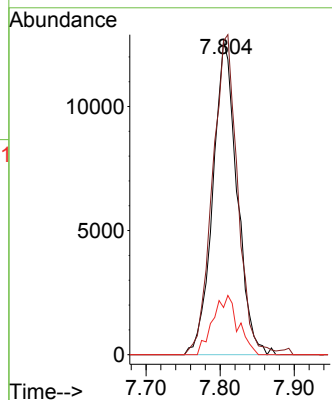
#35
 Dibromofluoromethane
 Concen: 22.701 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD078536.D
 Acq: 23 Feb 2024 15:18

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



Tgt Ion:113 Resp: 28713

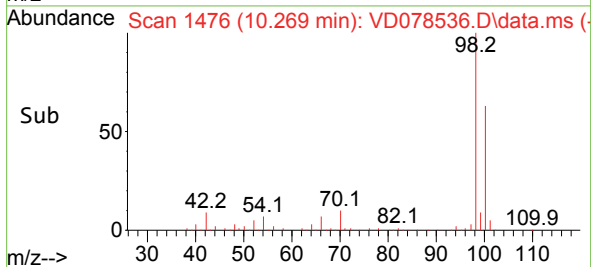
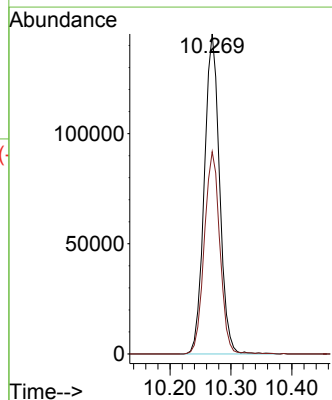
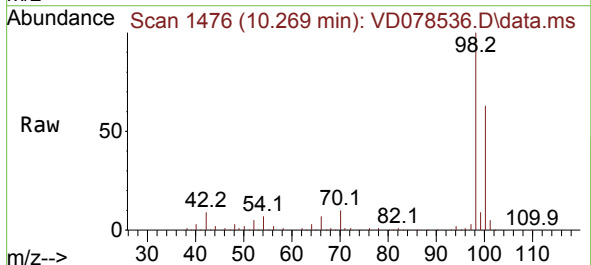
Ion	Ratio	Lower	Upper
113	100		
111	105.3	84.7	127.1
192	19.6	16.8	25.2

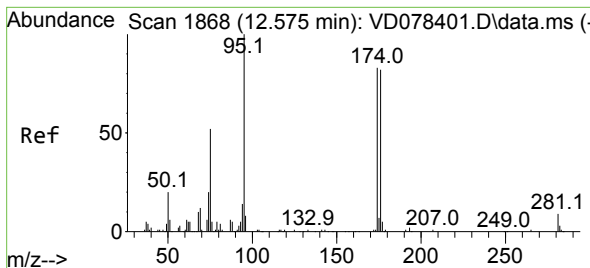


#50
 Toluene-d8
 Concen: 49.960 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. -0.000 min
 Lab File: VD078536.D
 Acq: 23 Feb 2024 15:18

Tgt Ion: 98 Resp: 252777

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.3	75.5

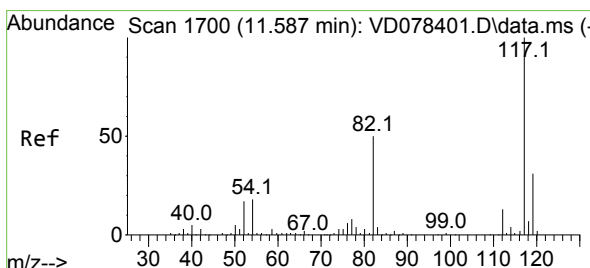
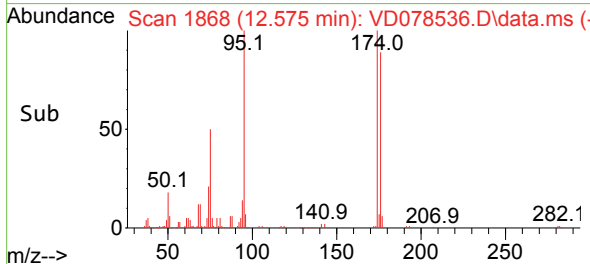
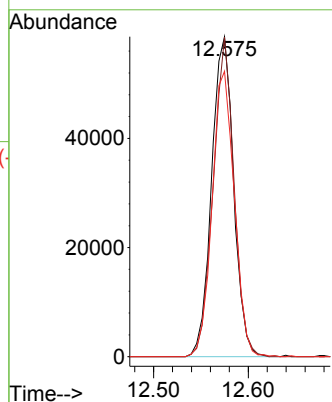
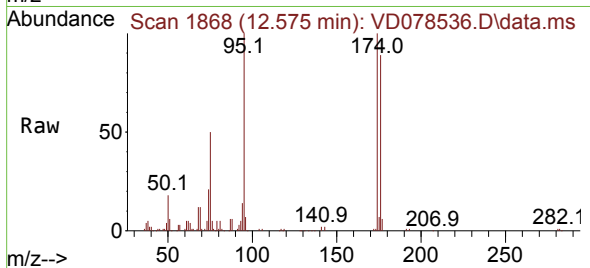




#62
4-Bromofluorobenzene
Concen: 64.064 ug/l
RT: 12.575 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

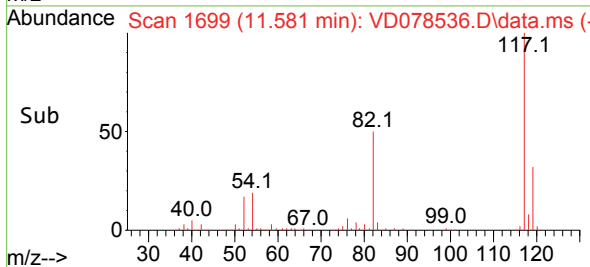
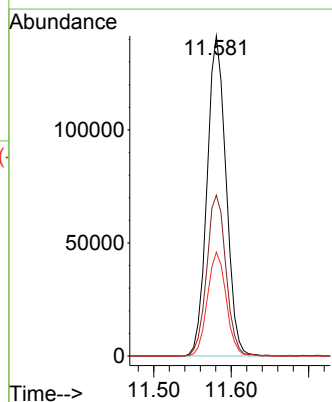
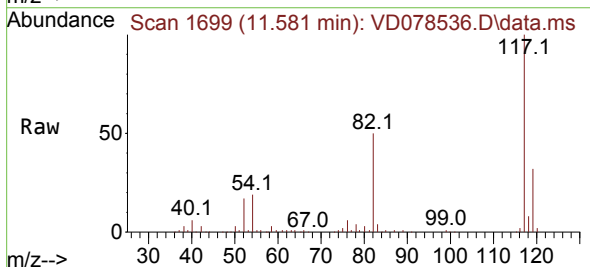
Instrument : MSVOA_D
ClientSampleId : 20241104-AMENDED-COMPOSITE-35N-N-4-03RE

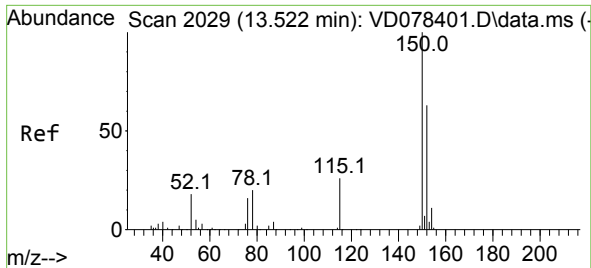
Tgt Ion:	95	Resp:	94327
Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	201.8
176	90.4	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

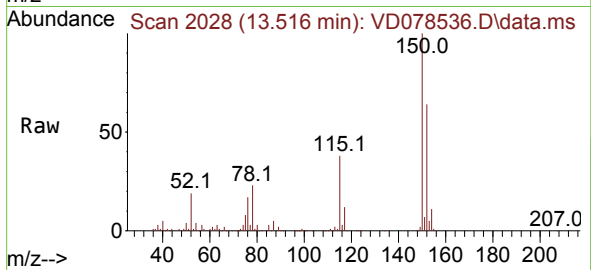
Tgt Ion:	117	Resp:	240371
Ion	Ratio	Lower	Upper
117	100		
82	50.2	38.3	57.5
119	32.4	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078536.D
 Acq: 23 Feb 2024 15:18

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



Tgt Ion:152 Resp: 113878
 Ion Ratio Lower Upper
 152 100
 115 56.7 27.1 81.3
 150 161.2 0.0 353.6

