

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078534.D
 Acq On : 23 Feb 2024 14:22
 Operator : RP/MD
 Sample : P1538-09RE
 Misc : 5.00G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241102-AMENDED-COMPOSITE-35N-N-4-01RE

Quant Time: Feb 24 00:21:56 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)

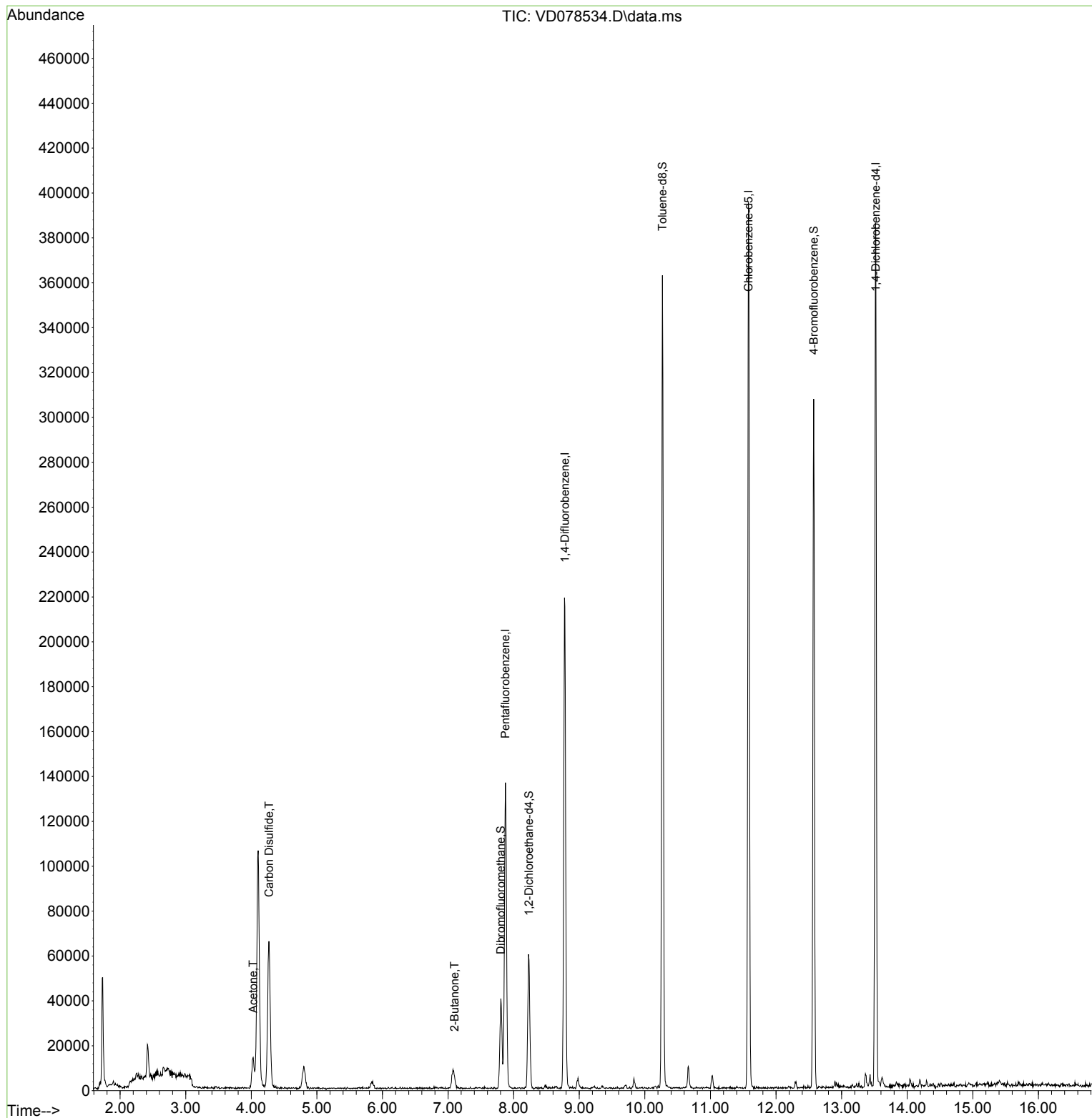
Internal Standards						
1) Pentafluorobenzene	7.875	168	103527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	202236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	106629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	45472	40.622	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.240%
35) Dibromofluoromethane	7.804	113	28889	22.488	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	44.980%#
50) Toluene-d8	10.269	98	252083	49.054	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.100%
62) 4-Bromofluorobenzene	12.575	95	92929	62.141	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	124.280%
Target Compounds						
16) Acetone	4.028	43	23343	91.474	ug/l	90
17) Carbon Disulfide	4.269	76	136594	35.969	ug/l	98
25) 2-Butanone	7.099	43	5342	3.346	ug/l	88

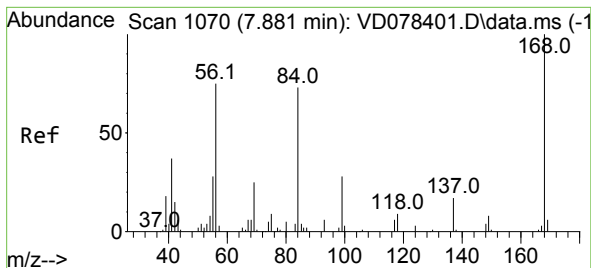
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD078534.D

Acq: 23 Feb 2024 14:22

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MSVOA_D

ClientSampleId :

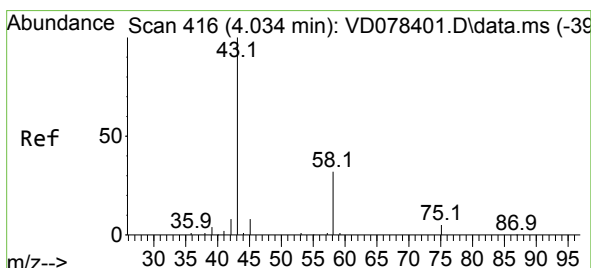
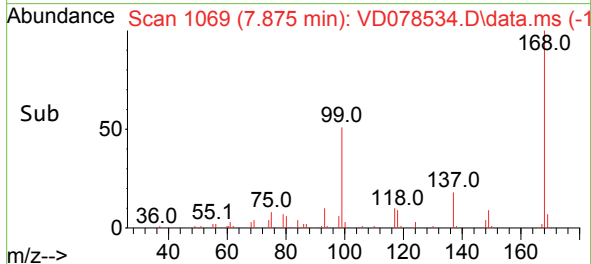
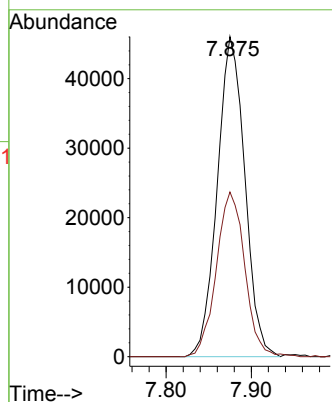
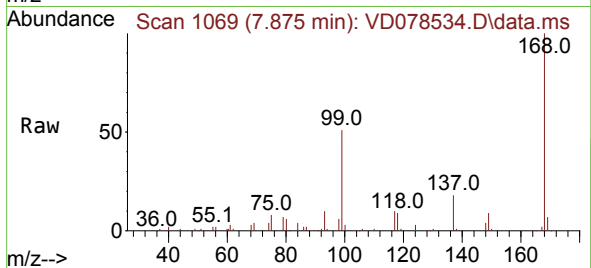
20241102-AMENDED-COMPOSITE-35N-N-4-01RE

Tgt Ion:168 Resp: 103527

Ion Ratio Lower Upper

168 100

99 51.5 36.7 55.1



#16

Acetone

Concen: 91.474 ug/l

RT: 4.028 min Scan# 415

Delta R.T. -0.006 min

Lab File: VD078534.D

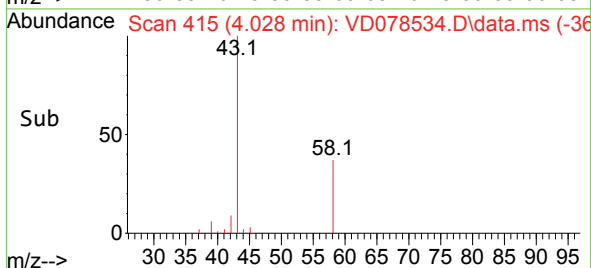
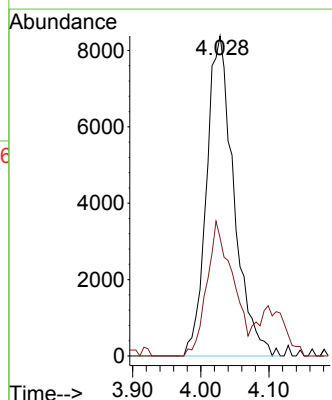
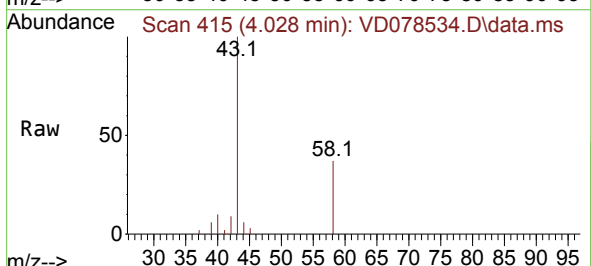
Acq: 23 Feb 2024 14:22

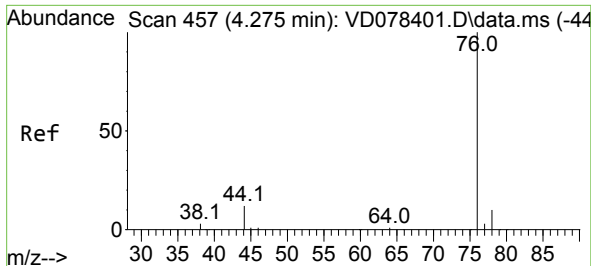
Tgt Ion: 43 Resp: 23343

Ion Ratio Lower Upper

43 100

58 37.0 34.7 52.1

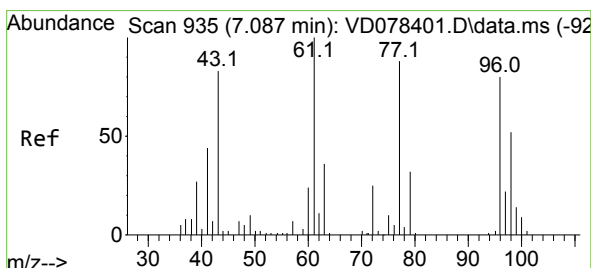
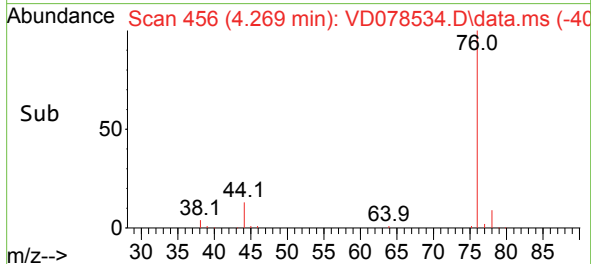
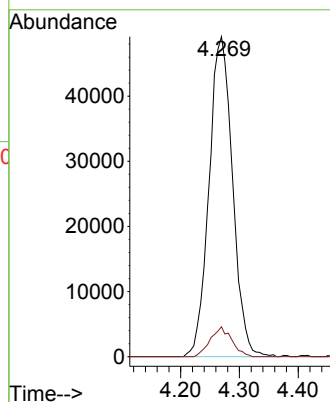
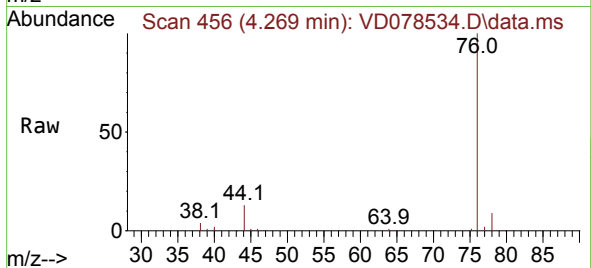




#17
Carbon Disulfide
Concen: 35.969 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078534.D
Acq: 23 Feb 2024 14:22

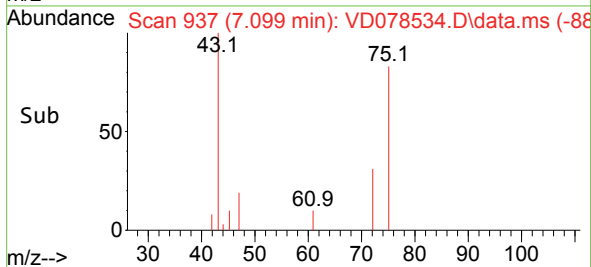
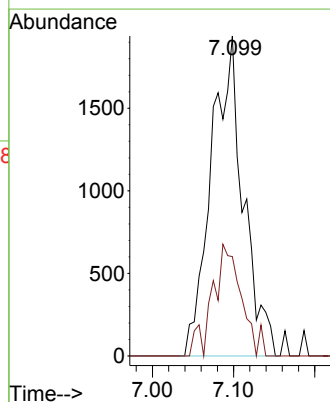
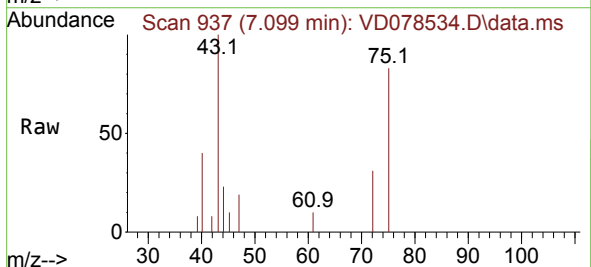
Instrument :
MSVOA_D
ClientSampleId :
20241102-AMENDED-COMPOSITE-35N-N-4-01RE

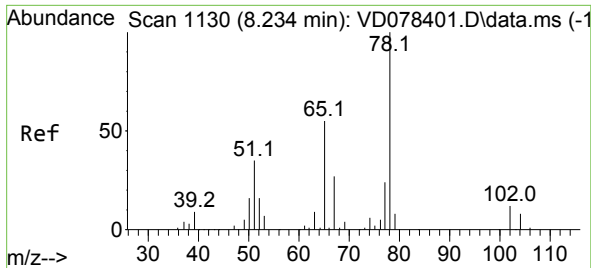
Tgt Ion: 76 Resp: 136594
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#25
2-Butanone
Concen: 3.346 ug/l
RT: 7.099 min Scan# 937
Delta R.T. 0.012 min
Lab File: VD078534.D
Acq: 23 Feb 2024 14:22

Tgt Ion: 43 Resp: 5342
Ion Ratio Lower Upper
43 100
72 31.1 30.7 46.1

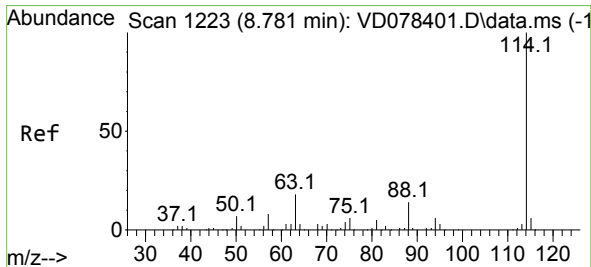
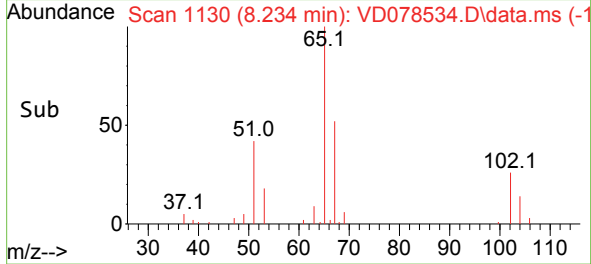
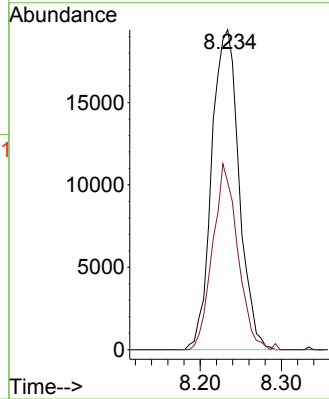
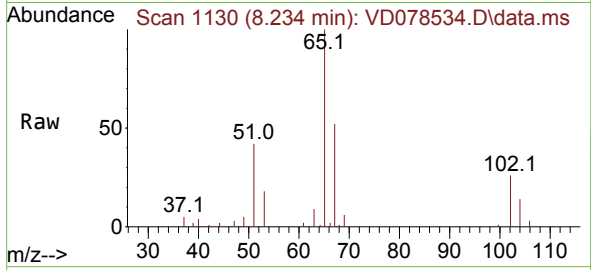




#33
 1,2-Dichloroethane-d4
 Concen: 40.622 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VD078534.D
 Acq: 23 Feb 2024 14:22

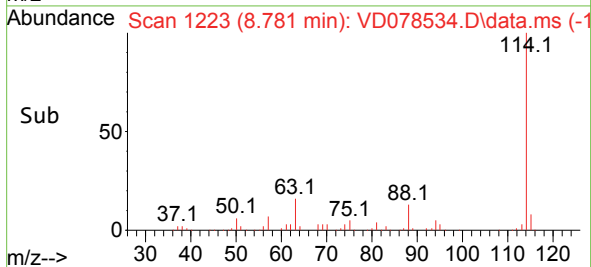
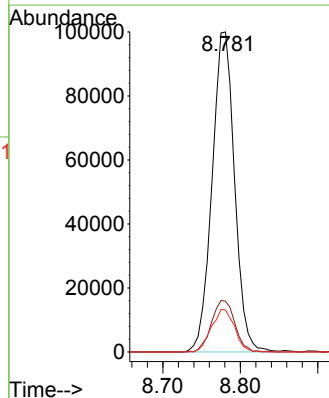
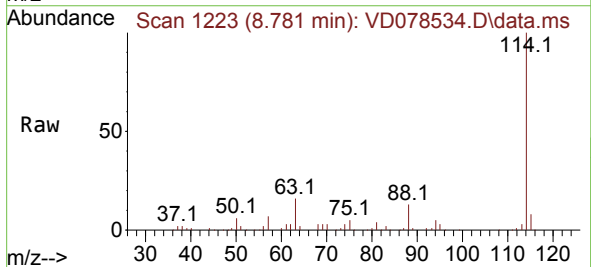
Instrument : MSVOA_D
 ClientSampleId : 20241102-AMENDED-COMPOSITE-35N-N-4-01RE

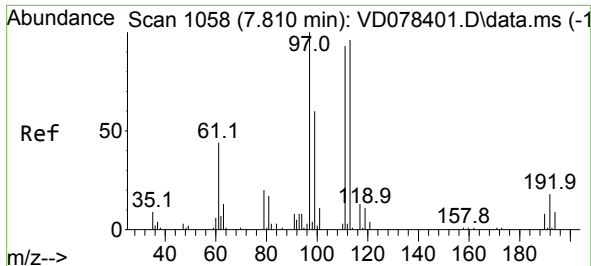
Tgt Ion: 65 Resp: 45472
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: VD078534.D
 Acq: 23 Feb 2024 14:22

Tgt Ion: 114 Resp: 202236
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 33.4
 88 13.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 22.488 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078534.D

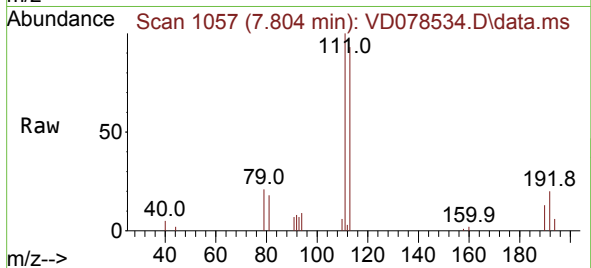
Acq: 23 Feb 2024 14:22

Instrument :

MSVOA_D

ClientSampleId :

20241102-AMENDED-COMPOSITE-35N-N-4-01RE



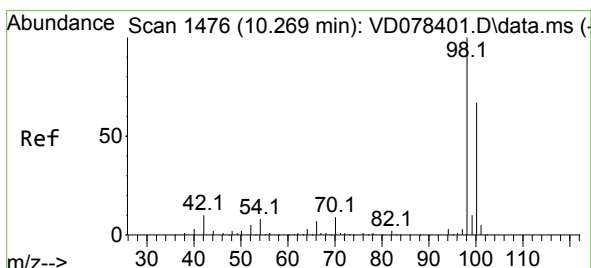
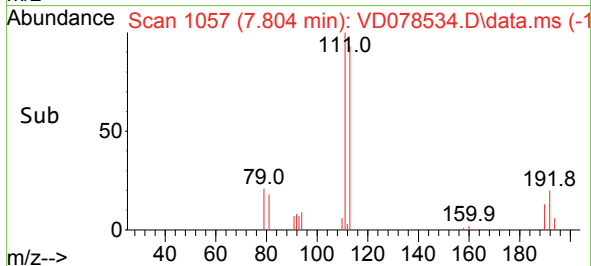
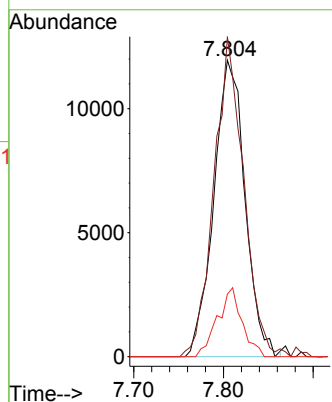
Tgt Ion:113 Resp: 28889

Ion Ratio Lower Upper

113 100

111 102.4 84.7 127.1

192 18.2 16.8 25.2



#50

Toluene-d8

Concen: 49.054 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078534.D

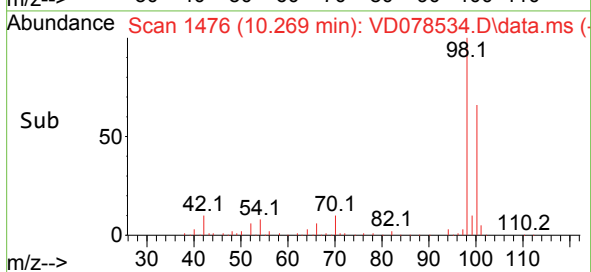
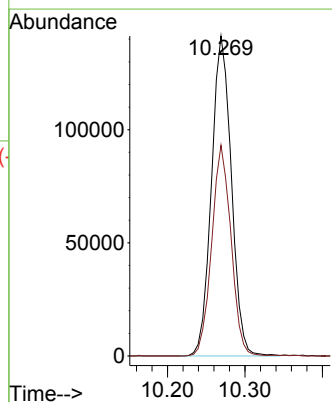
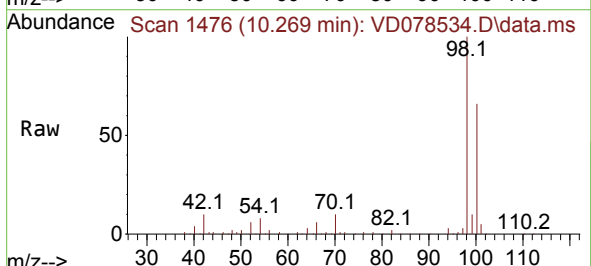
Acq: 23 Feb 2024 14:22

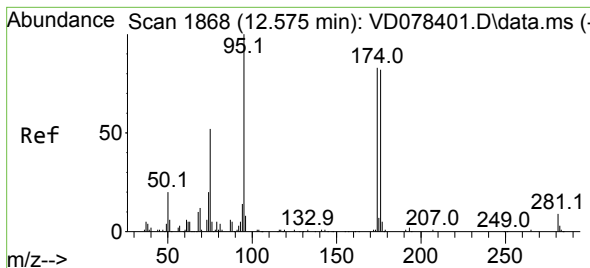
Tgt Ion: 98 Resp: 252083

Ion Ratio Lower Upper

98 100

100 64.0 50.3 75.5

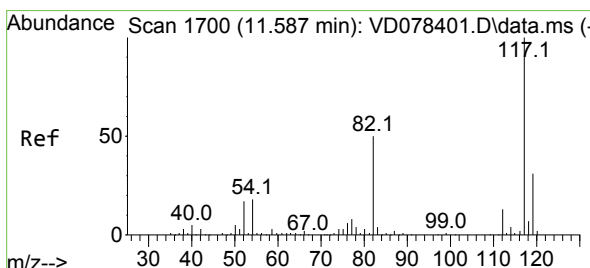
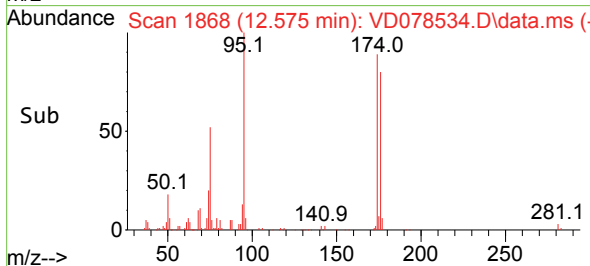
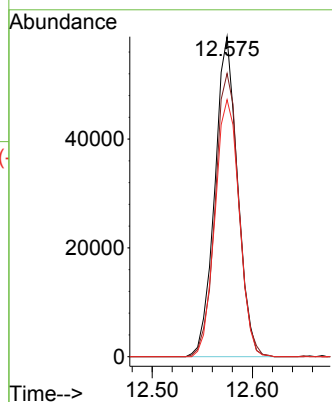
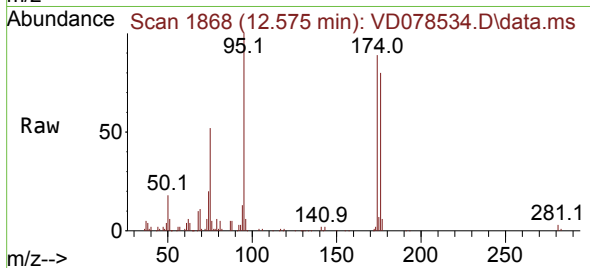




#62
4-Bromofluorobenzene
Concen: 62.141 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078534.D
Acq: 23 Feb 2024 14:22

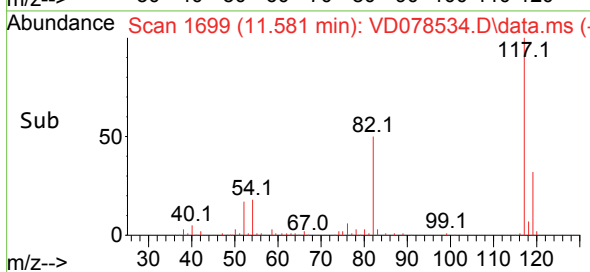
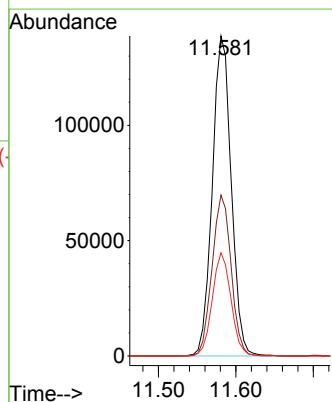
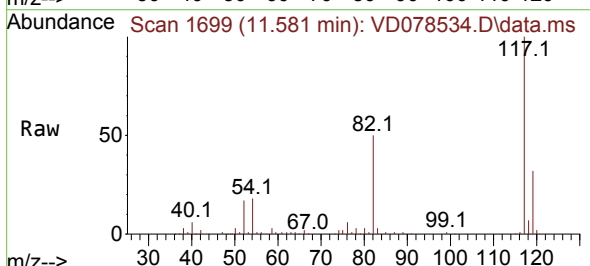
Instrument : MSVOA_D
ClientSampleId : 20241102-AMENDED-COMPOSITE-35N-N-4-01RE

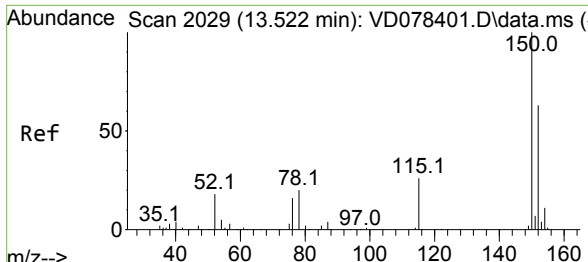
Tgt Ion:	95	Resp:	92929
Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	201.8
176	85.3	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078534.D
Acq: 23 Feb 2024 14:22

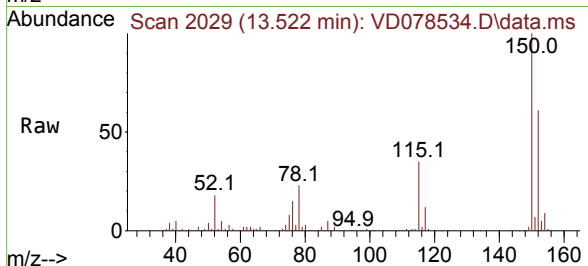
Tgt Ion:	117	Resp:	235829
Ion	Ratio	Lower	Upper
117	100		
82	50.2	38.3	57.5
119	32.3	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD078534.D
 Acq: 23 Feb 2024 14:22

Instrument :
 MSVOA_D
 ClientSampleId :
 20241102-AMENDED-COMPOSITE-35N-N-4-01RE



Tgt Ion:	152	Resp:	106629
Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.1	81.3
150	159.4	0.0	353.6

