

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078477.D
 Acq On : 20 Feb 2024 12:24
 Operator : RP/MD
 Sample : P1523-07
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20240767-AMENDED-COMP-39N-N-3-02

Quant Time: Feb 21 05:22:21 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)

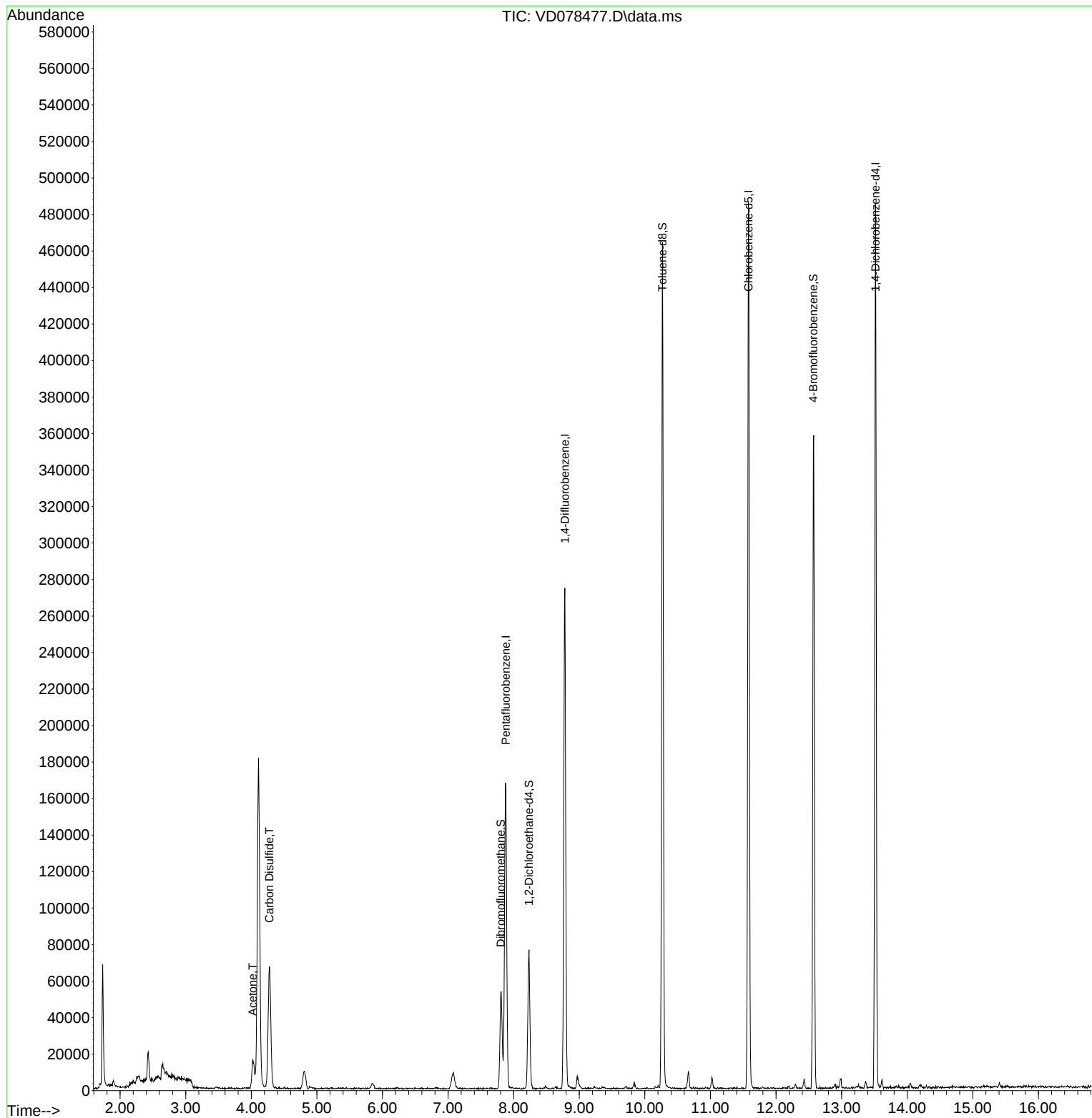
Internal Standards						
1) Pentafluorobenzene	7.881	168	134620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	252815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	288366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	131045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	56066	38.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.040%
35) Dibromofluoromethane	7.804	113	39819	24.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	49.600%#
50) Toluene-d8	10.269	98	318946	49.648	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.569	95	111781	59.793	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	119.580%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	27589	80.724	ug/l	92
17) Carbon Disulfide	4.275	76	143045	28.968	ug/l	98

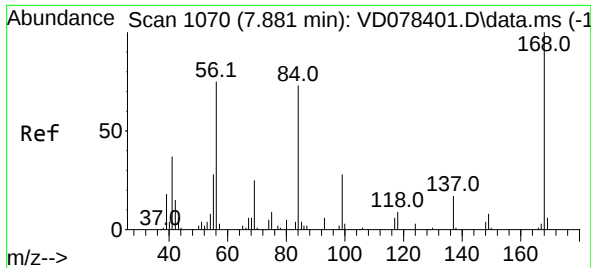
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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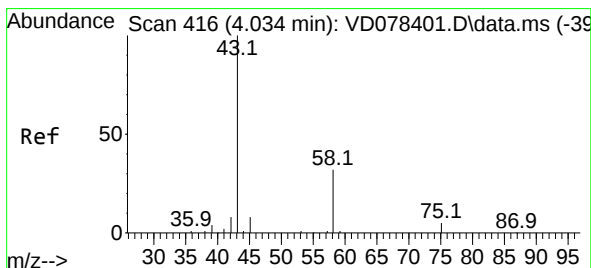
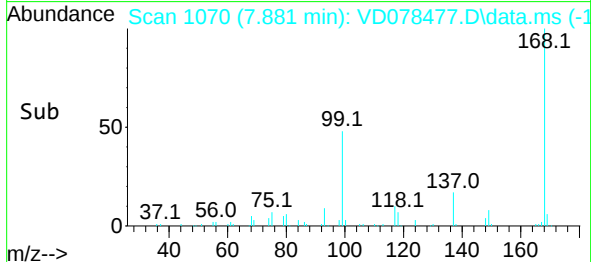
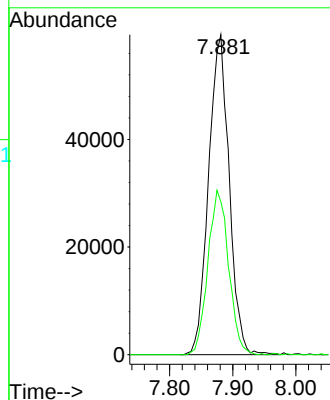
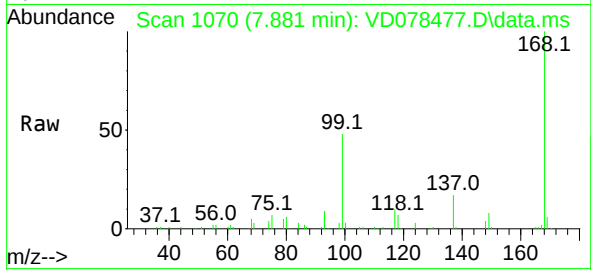




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078477.D
Acq: 20 Feb 2024 12:24

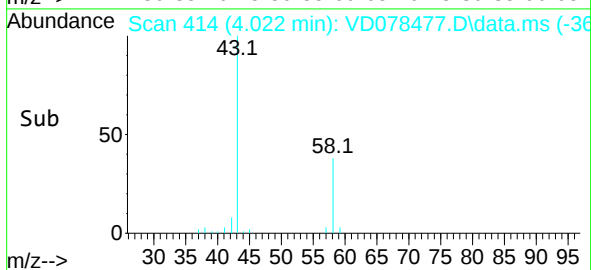
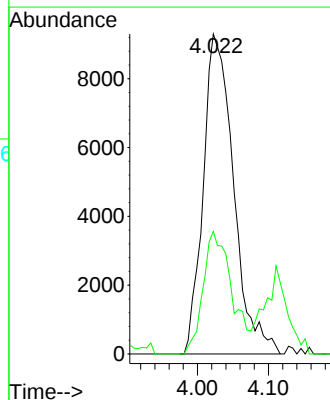
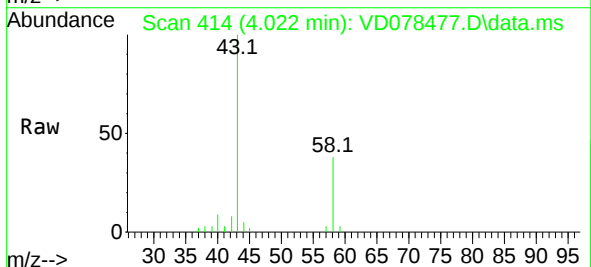
Instrument :
MSVOA_D
ClientSampleId :
20240767-AMENDED-COMP-39N-N-3-02

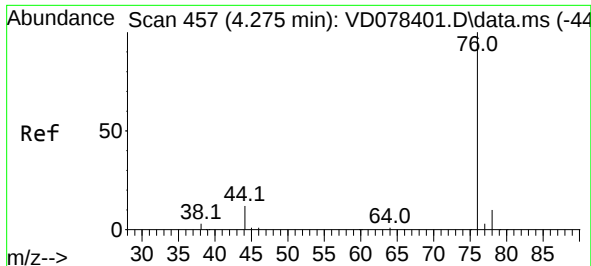
Tgt Ion:168 Resp: 134620
Ion Ratio Lower Upper
168 100
99 47.8 36.7 55.1



#16
Acetone
Concen: 80.724 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078477.D
Acq: 20 Feb 2024 12:24

Tgt Ion: 43 Resp: 27589
Ion Ratio Lower Upper
43 100
58 38.3 34.7 52.1

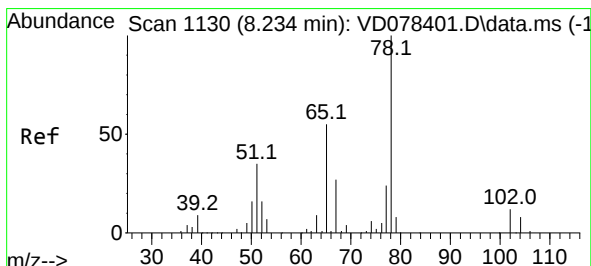
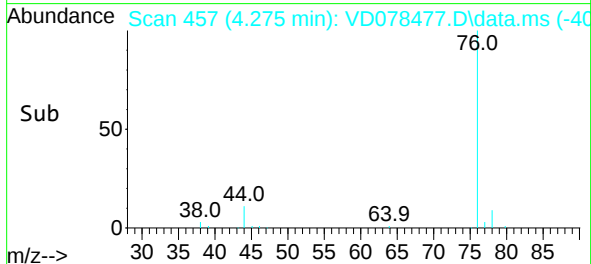
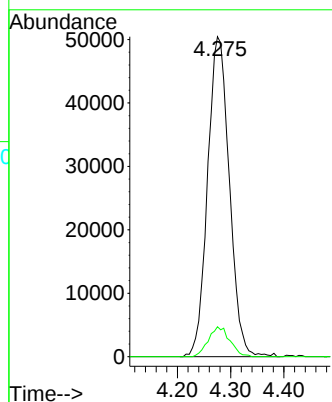
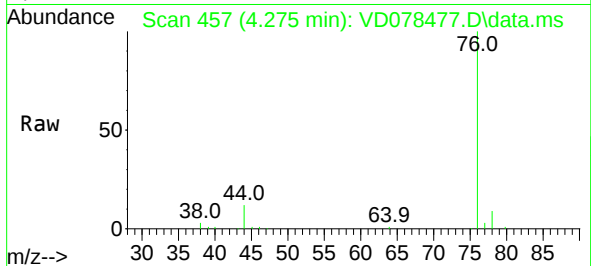




#17
Carbon Disulfide
Concen: 28.968 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078477.D
Acq: 20 Feb 2024 12:24

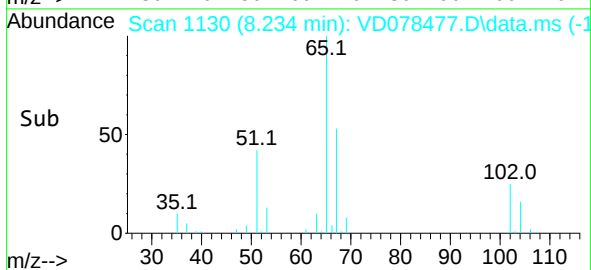
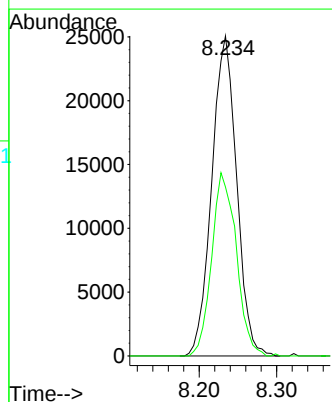
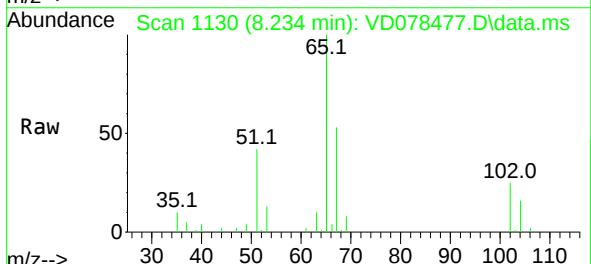
Instrument :
MSVOA_D
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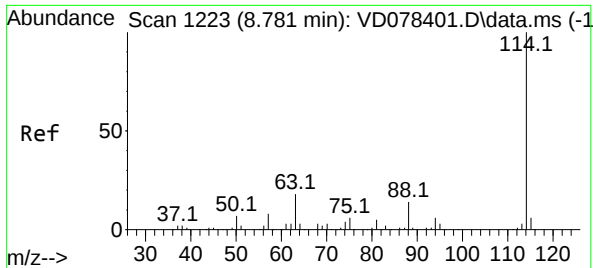
Tgt Ion: 76 Resp: 143045
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#33
1,2-Dichloroethane-d4
Concen: 38.518 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078477.D
Acq: 20 Feb 2024 12:24

Tgt Ion: 65 Resp: 56066
Ion Ratio Lower Upper
65 100
67 56.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078477.D

Acq: 20 Feb 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

20240767-AMENDED-COMP-39N-N-3-02

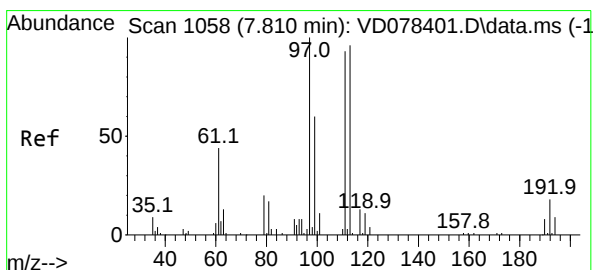
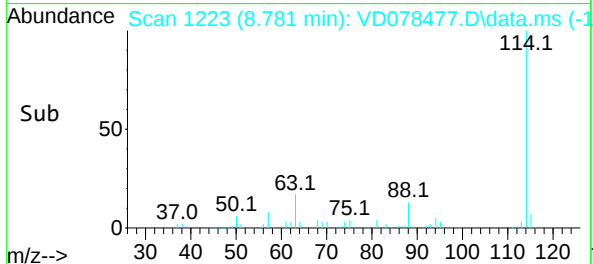
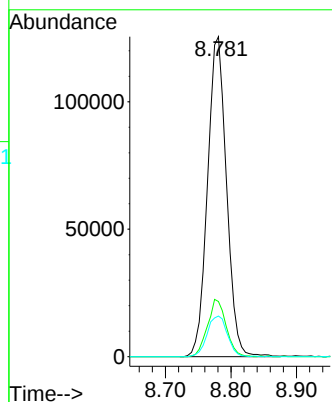
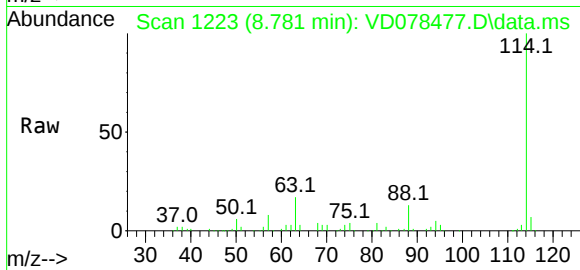
Tgt Ion:114 Resp: 252815

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 12.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 24.795 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078477.D

Acq: 20 Feb 2024 12:24

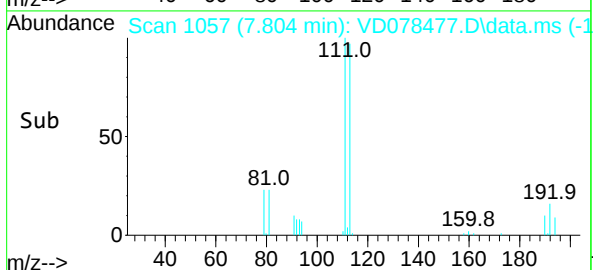
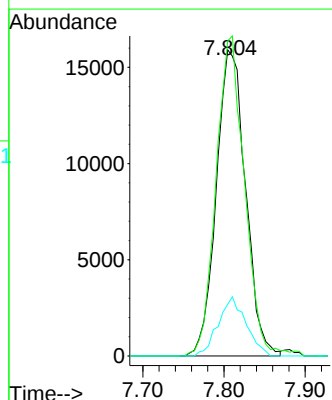
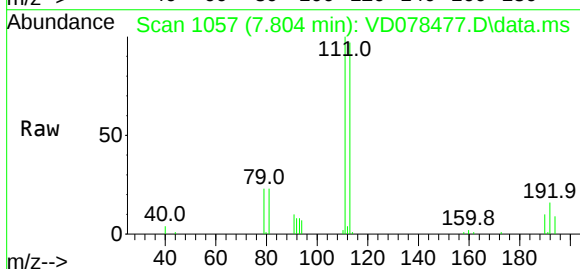
Tgt Ion:113 Resp: 39819

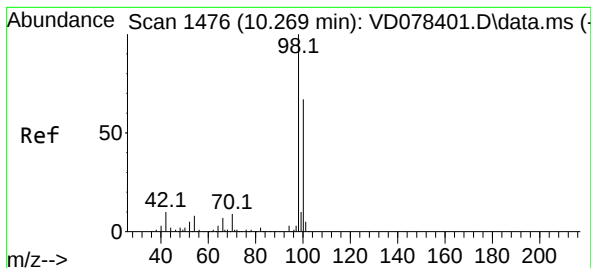
Ion Ratio Lower Upper

113 100

111 101.6 84.7 127.1

192 18.4 16.8 25.2





#50

Toluene-d8

Concen: 49.648 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078477.D

Acq: 20 Feb 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

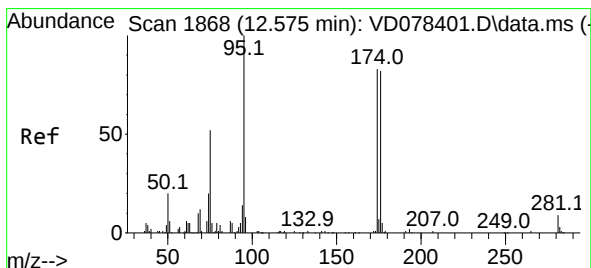
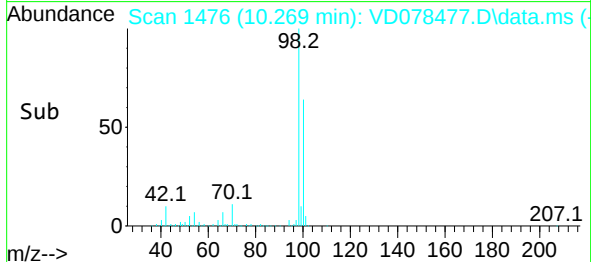
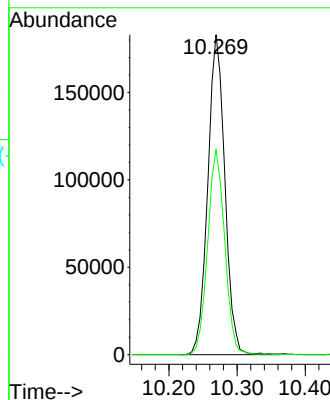
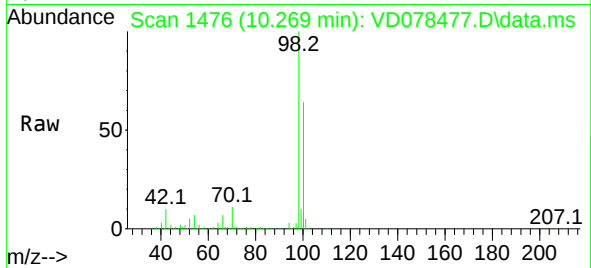
20240767-AMENDED-COMP-39N-N-3-02

Tgt Ion: 98 Resp: 318946

Ion Ratio Lower Upper

98 100

100 63.9 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 59.793 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD078477.D

Acq: 20 Feb 2024 12:24

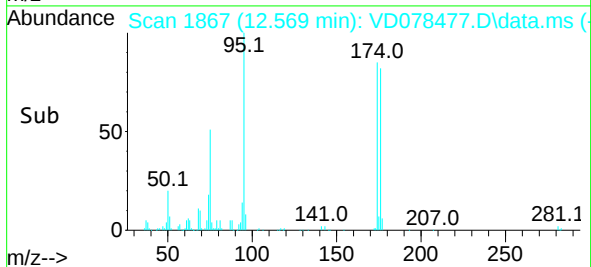
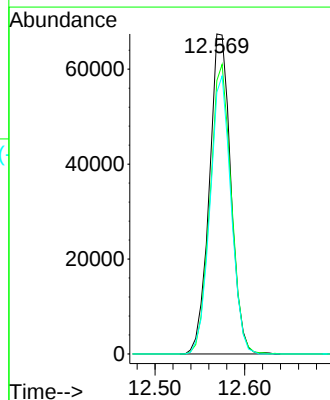
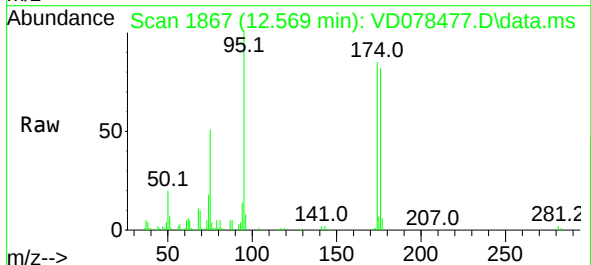
Tgt Ion: 95 Resp: 111781

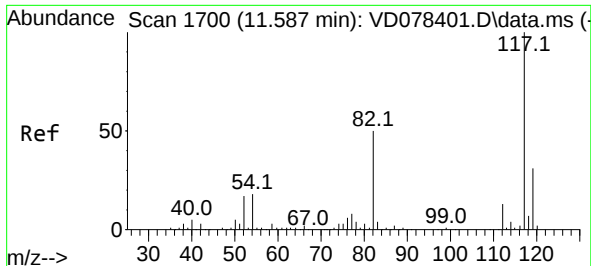
Ion Ratio Lower Upper

95 100

174 89.6 0.0 201.8

176 85.0 0.0 191.8

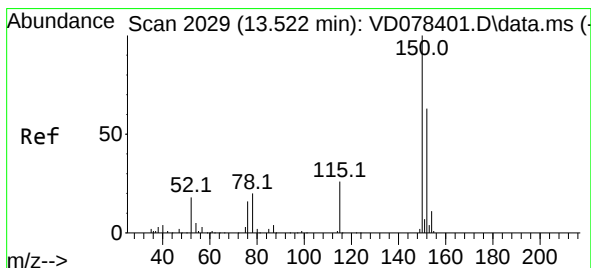
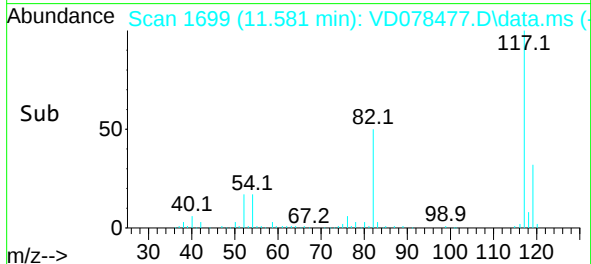
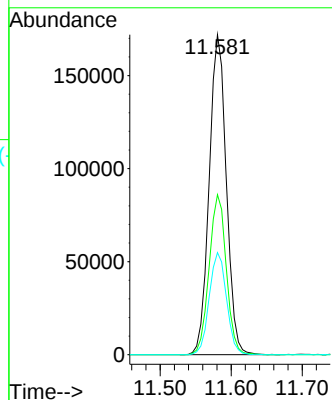
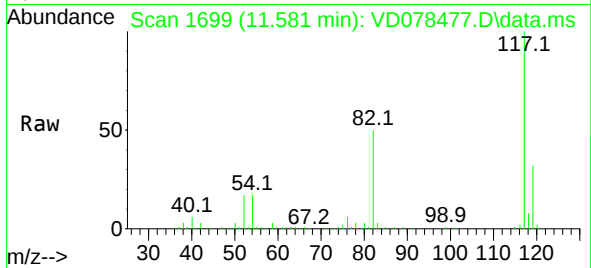




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078477.D
Acq: 20 Feb 2024 12:24

Instrument :
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Tgt Ion:117 Resp: 288366
Ion Ratio Lower Upper
117 100
82 50.0 38.3 57.5
119 31.9 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: VD078477.D
Acq: 20 Feb 2024 12:24

Tgt Ion:152 Resp: 131045
Ion Ratio Lower Upper
152 100
115 55.7 27.1 81.3
150 154.7 0.0 353.6

