

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078478.D
 Acq On : 20 Feb 2024 12:52
 Operator : RP/MD
 Sample : P1523-08
 Misc : 5.08G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03

Quant Time: Feb 21 05:22:40 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)

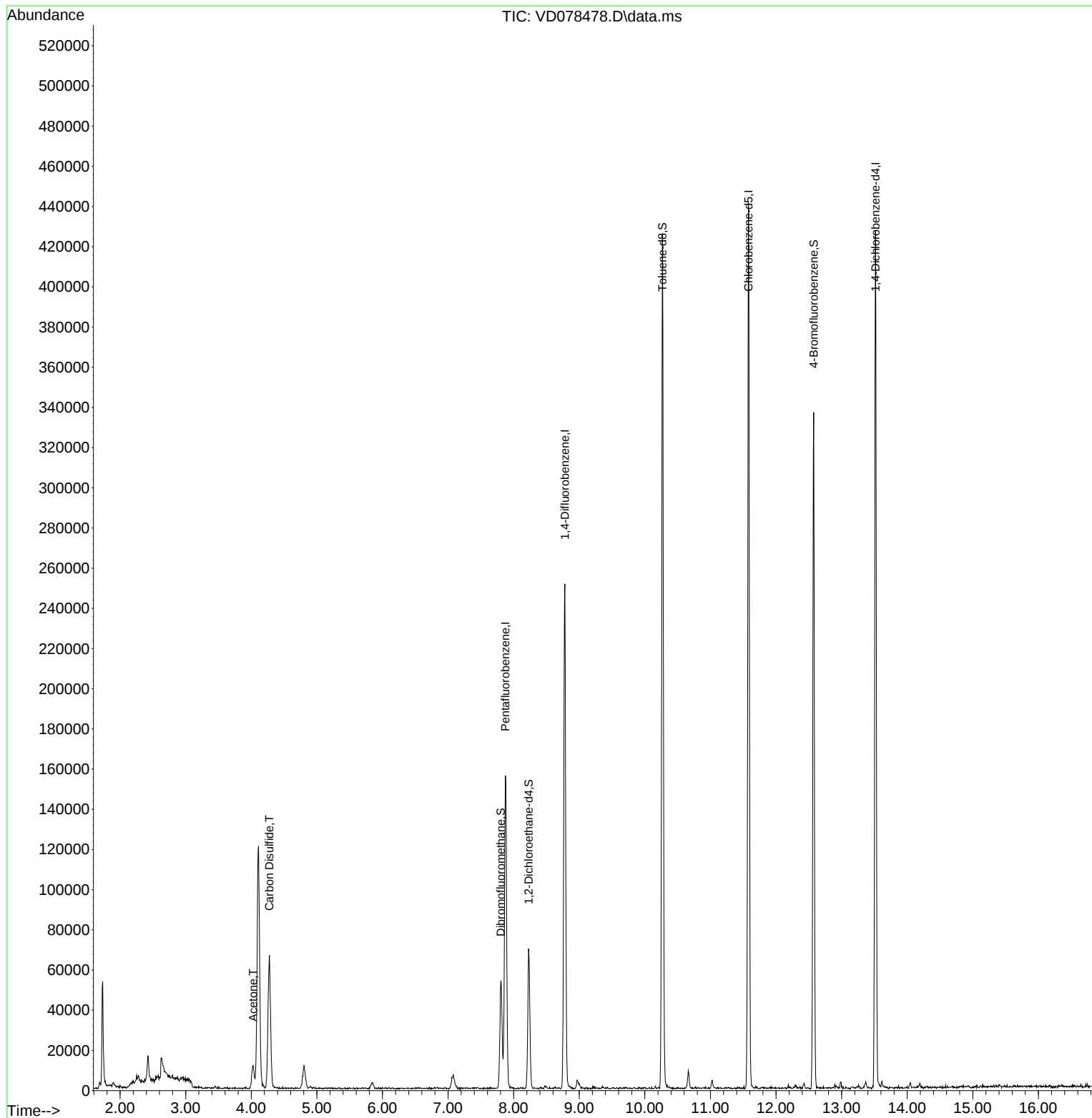
Internal Standards						
1) Pentafluorobenzene	7.875	168	119776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	231969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	260870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50671	39.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.260%
35) Dibromofluoromethane	7.804	113	40574	27.536	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	55.080%
50) Toluene-d8	10.269	98	292856	49.684	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.360%
62) 4-Bromofluorobenzene	12.575	95	102293	59.635	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	119.280%
Target Compounds						
16) Acetone	4.028	43	19230	57.612	ug/l	91
17) Carbon Disulfide	4.275	76	135254	30.784	ug/l	100

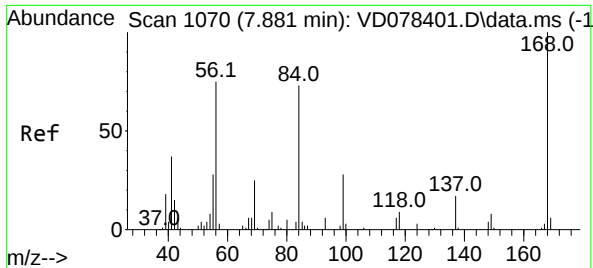
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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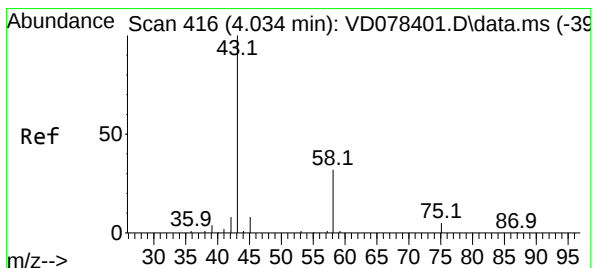
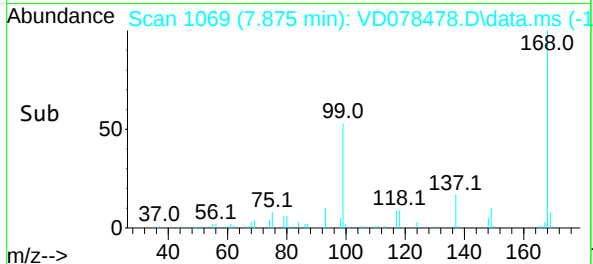
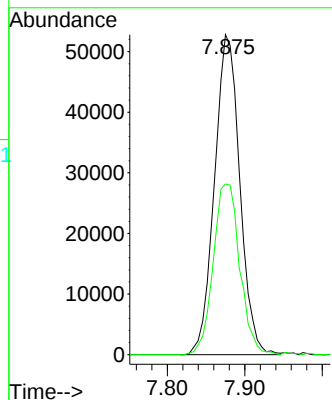
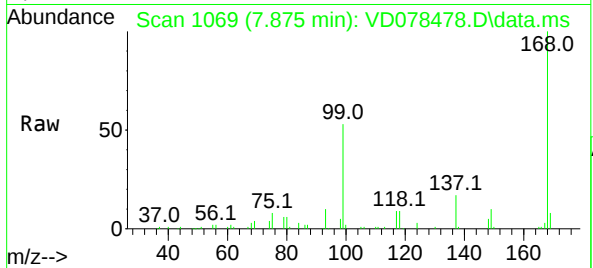




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078478.D
Acq: 20 Feb 2024 12:52

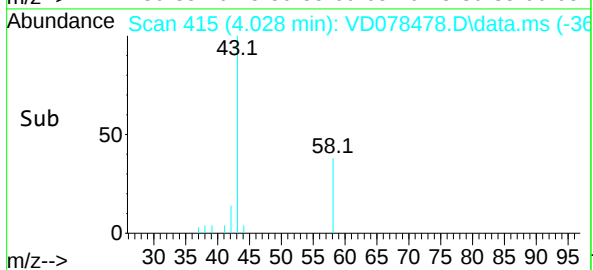
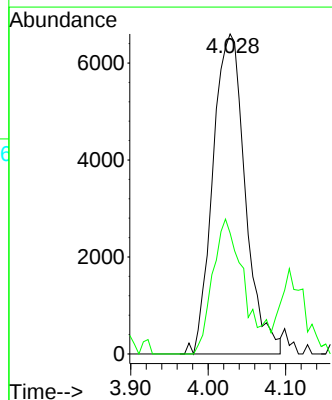
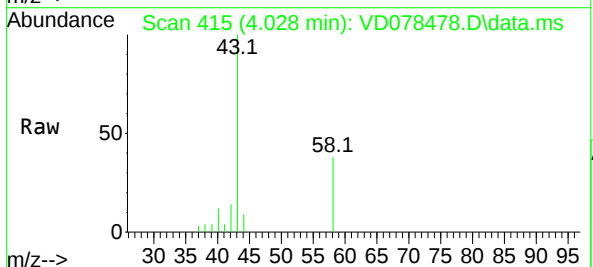
Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03

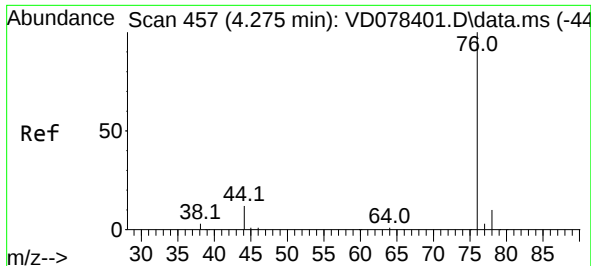
Tgt Ion:168 Resp: 119776
Ion Ratio Lower Upper
168 100
99 53.3 36.7 55.1



#16
Acetone
Concen: 57.612 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078478.D
Acq: 20 Feb 2024 12:52

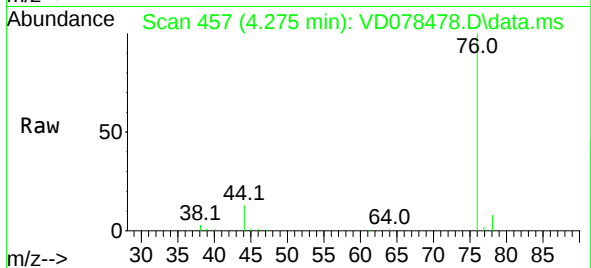
Tgt Ion: 43 Resp: 19230
Ion Ratio Lower Upper
43 100
58 37.7 34.7 52.1



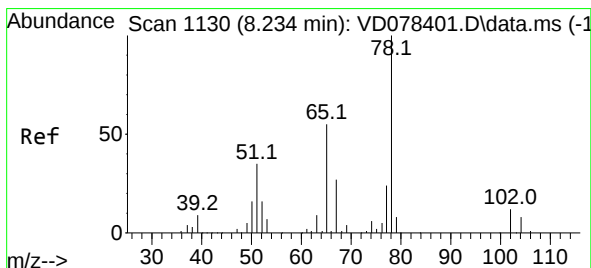
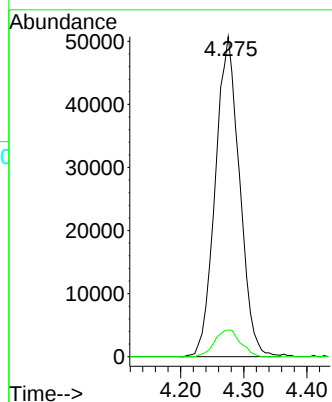
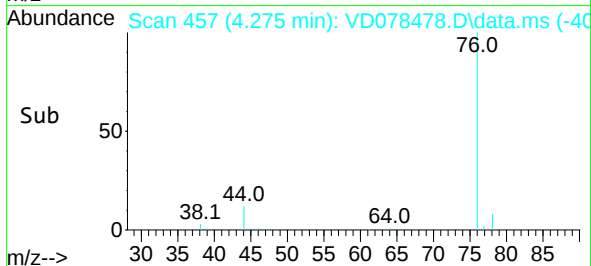


#17
Carbon Disulfide
Concen: 30.784 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078478.D
Acq: 20 Feb 2024 12:52

Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03

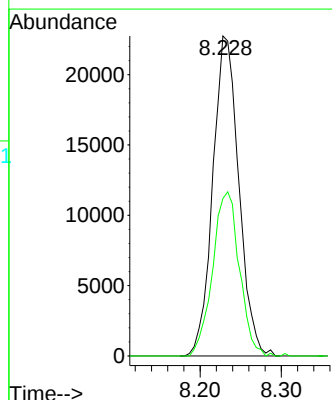
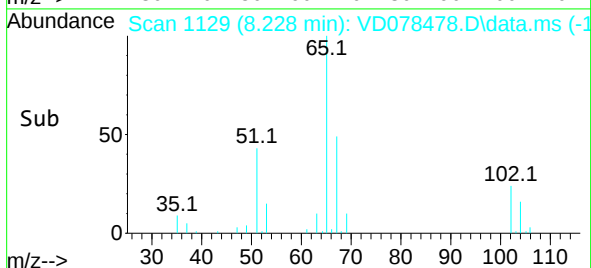
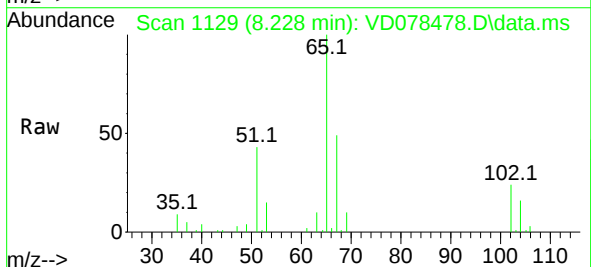


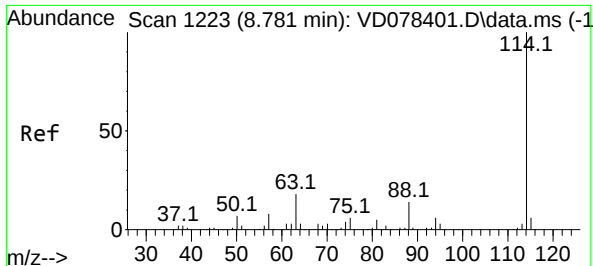
Tgt Ion: 76 Resp: 135254
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#33
1,2-Dichloroethane-d4
Concen: 39.126 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078478.D
Acq: 20 Feb 2024 12:52

Tgt Ion: 65 Resp: 50671
Ion Ratio Lower Upper
65 100
67 52.8 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078478.D

Acq: 20 Feb 2024 12:52

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03

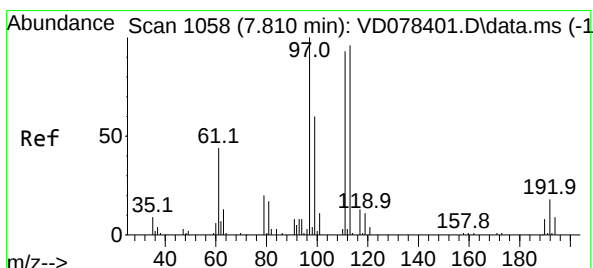
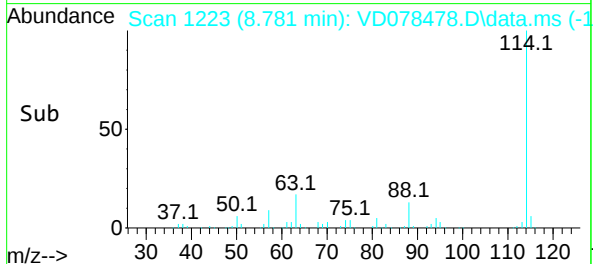
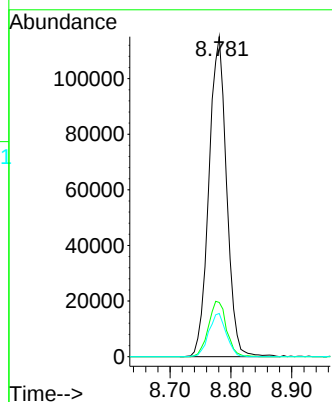
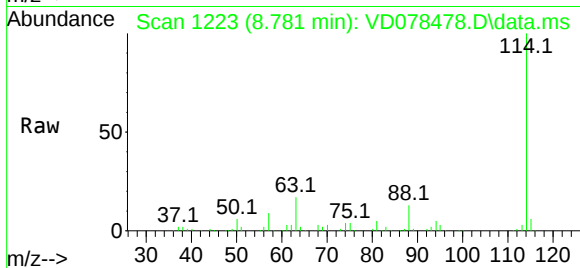
Tgt Ion:114 Resp: 231969

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.4

88 13.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 27.536 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078478.D

Acq: 20 Feb 2024 12:52

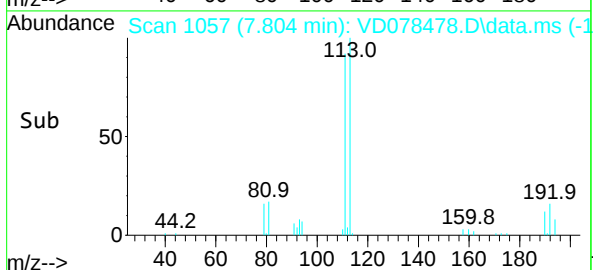
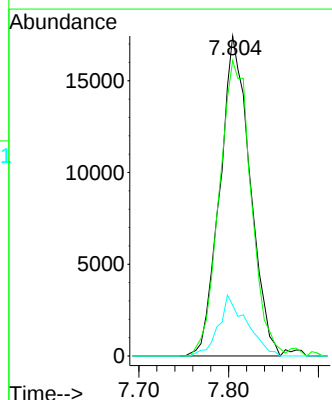
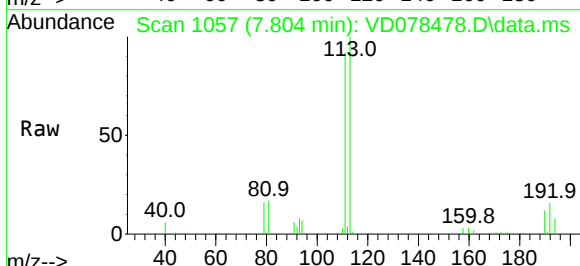
Tgt Ion:113 Resp: 40574

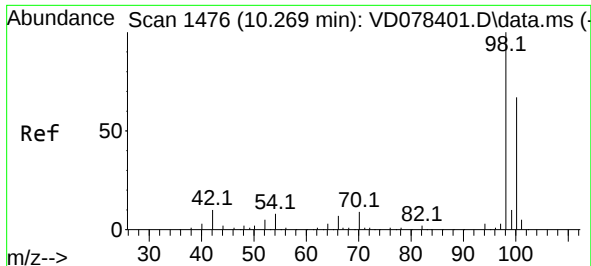
Ion Ratio Lower Upper

113 100

111 97.7 84.7 127.1

192 17.8 16.8 25.2

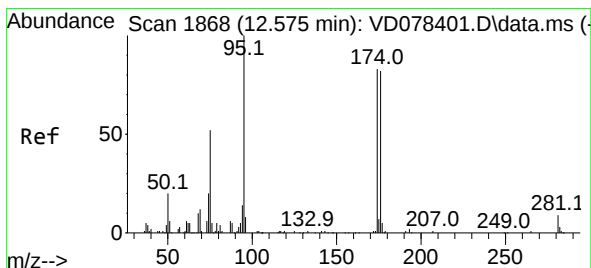
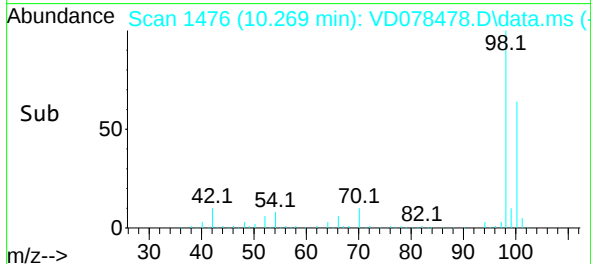
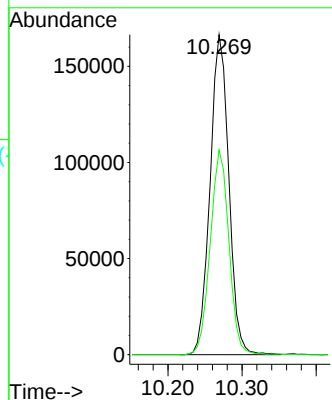
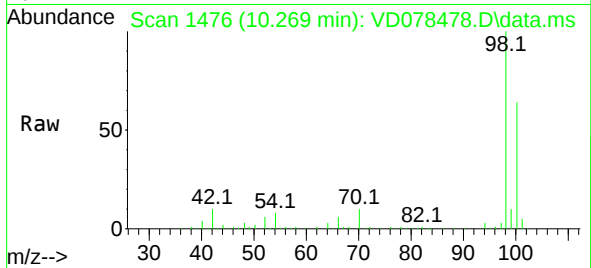




#50
Toluene-d8
Concen: 49.684 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078478.D
Acq: 20 Feb 2024 12:52

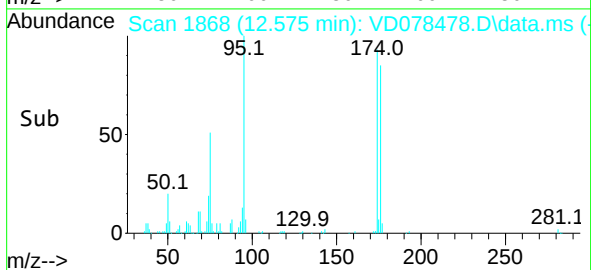
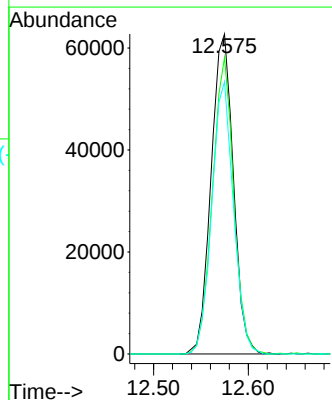
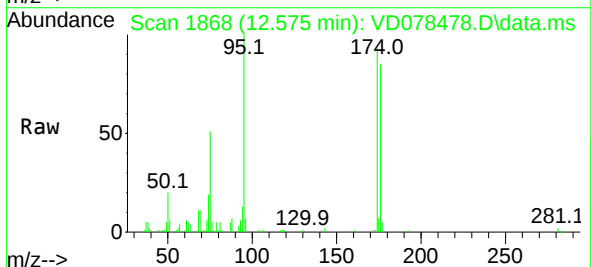
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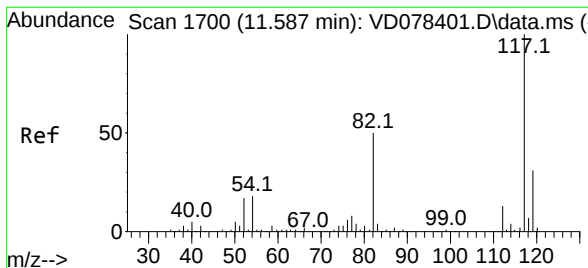
Tgt Ion: 98 Resp: 292856
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 59.635 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078478.D
Acq: 20 Feb 2024 12:52

Tgt Ion: 95 Resp: 102293
Ion Ratio Lower Upper
95 100
174 88.6 0.0 201.8
176 82.7 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: VD078478.D

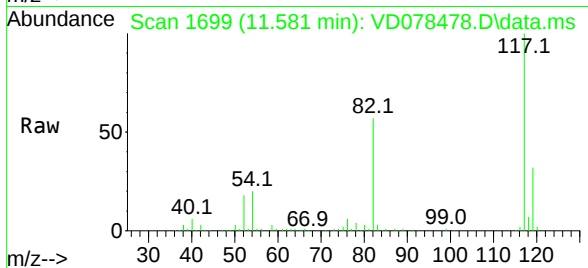
Acq: 20 Feb 2024 12:52

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03



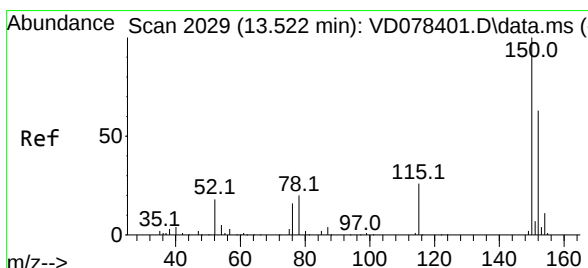
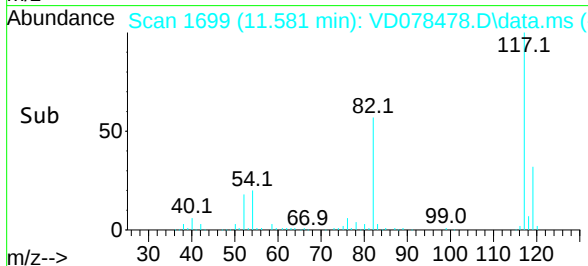
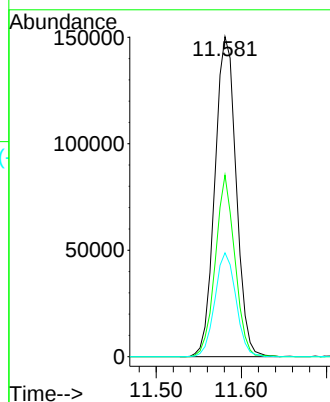
Tgt Ion:117 Resp: 260870

Ion Ratio Lower Upper

117 100

82 56.7 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# 2028

Delta R.T. -0.006 min

Lab File: VD078478.D

Acq: 20 Feb 2024 12:52

Tgt Ion:152 Resp: 118069

Ion Ratio Lower Upper

152 100

115 54.1 27.1 81.3

150 155.1 0.0 353.6

