

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078479.D
 Acq On : 20 Feb 2024 13:19
 Operator : RP/MD
 Sample : P1523-06
 Misc : 5.03G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20240766-AMENDED-COMP-39N-N-3-01

Quant Time: Feb 21 05:22:59 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)

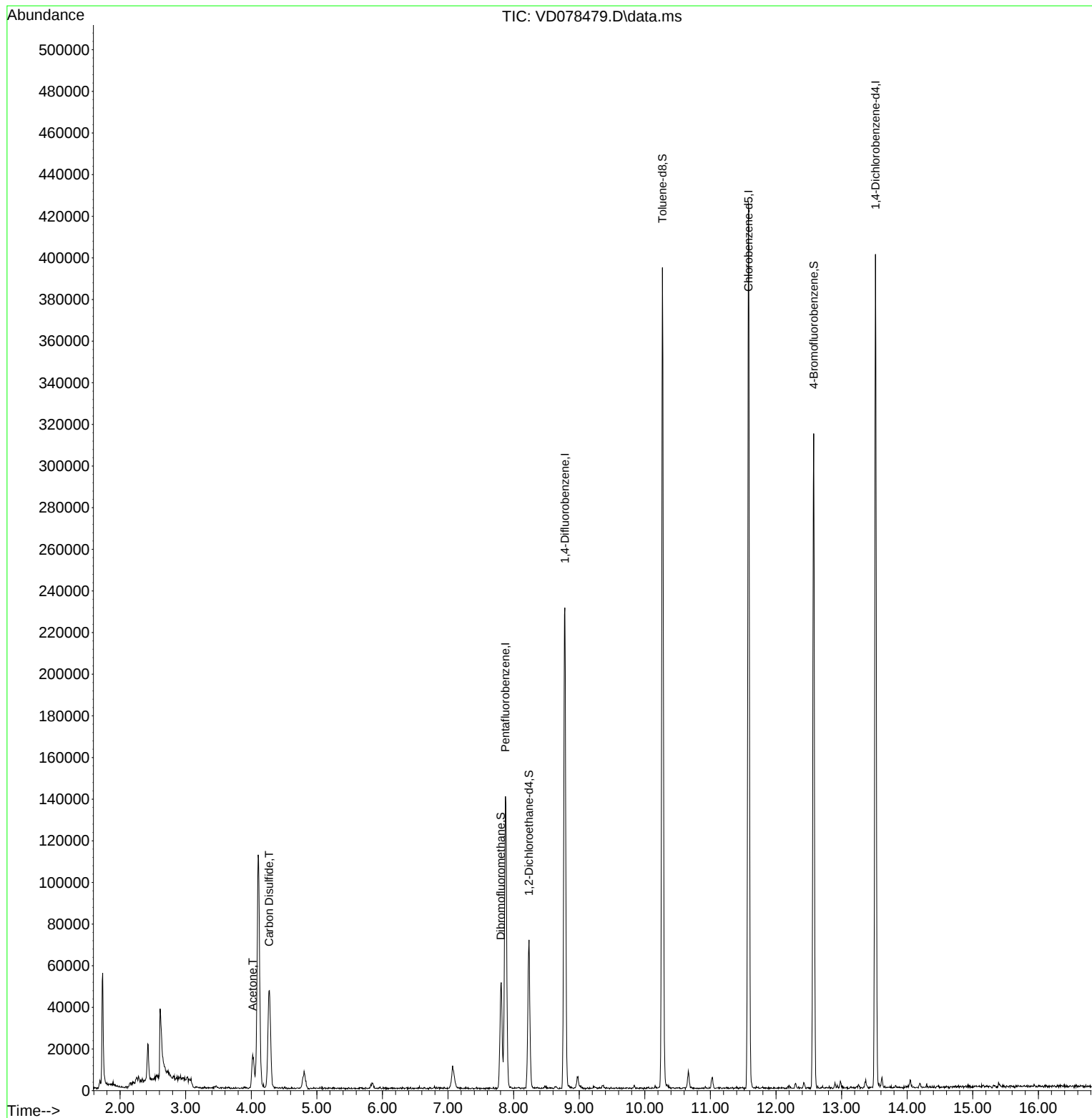
Internal Standards						
1) Pentafluorobenzene	7.875	168	111195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	218027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	248902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	107474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	51839	43.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.240%
35) Dibromofluoromethane	7.805	113	36286	26.200	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	52.400%#
50) Toluene-d8	10.269	98	274093	49.474	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.940%
62) 4-Bromofluorobenzene	12.575	95	97559	60.512	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	121.020%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	26978	100.475	ug/l	93
17) Carbon Disulfide	4.269	76	103641	25.409	ug/l	98

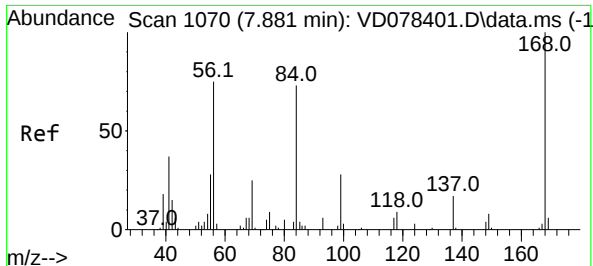
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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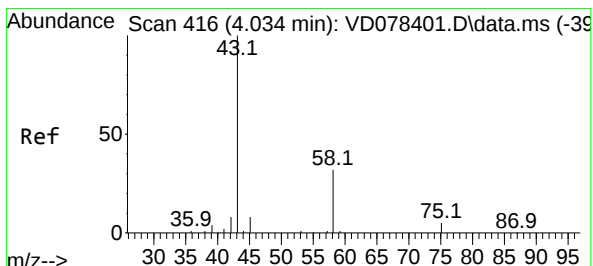
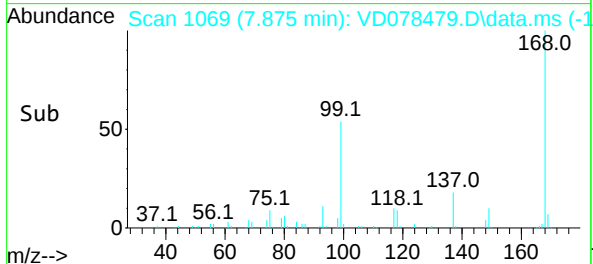
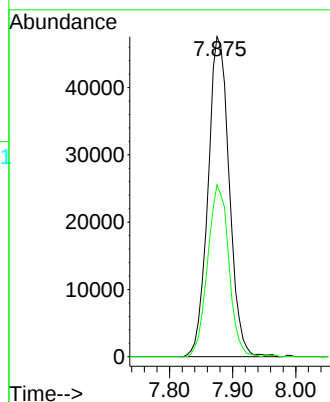
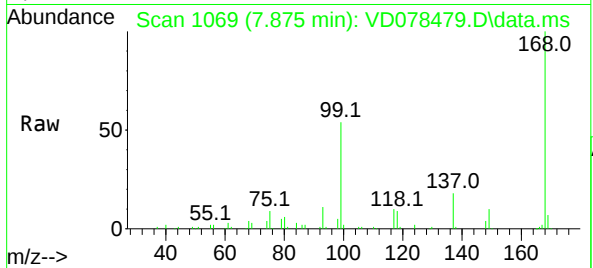




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

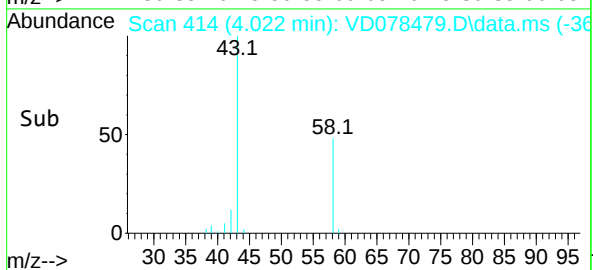
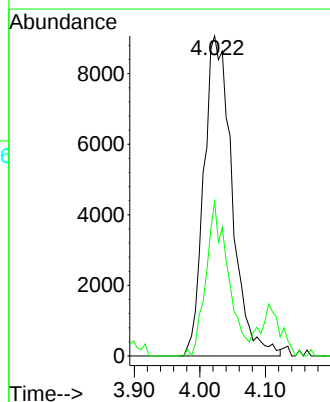
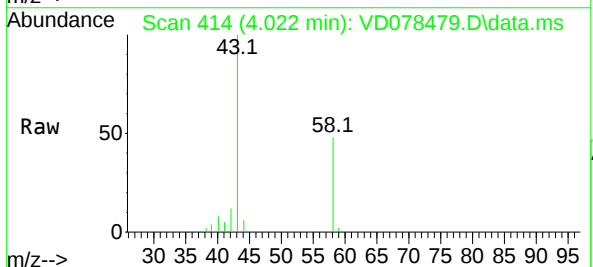
Instrument :
MSVOA_D
ClientSampleId :
20240766-AMENDED-COMP-39N-N-3-01

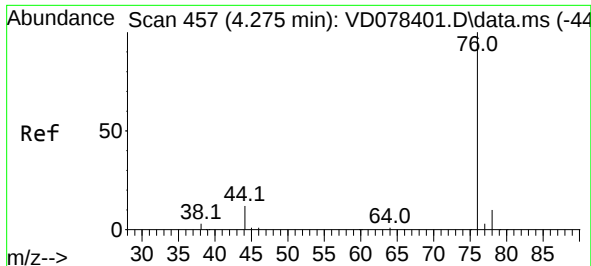
Tgt Ion:168 Resp: 111195
Ion Ratio Lower Upper
168 100
99 53.7 36.7 55.1



#16
Acetone
Concen: 100.475 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

Tgt Ion: 43 Resp: 26978
Ion Ratio Lower Upper
43 100
58 48.2 34.7 52.1

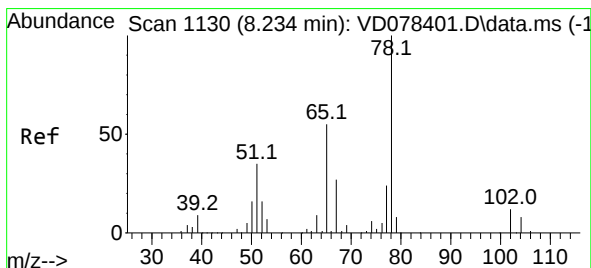
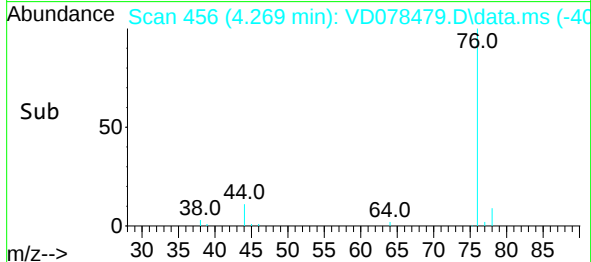
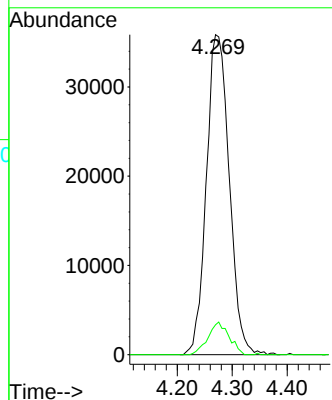
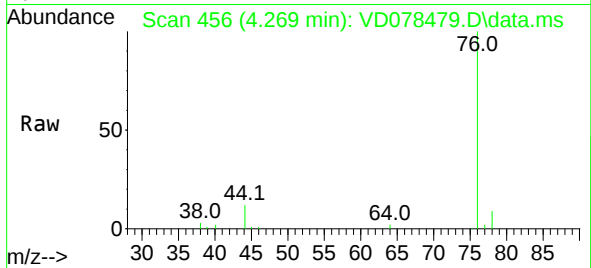




#17
Carbon Disulfide
Concen: 25.409 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

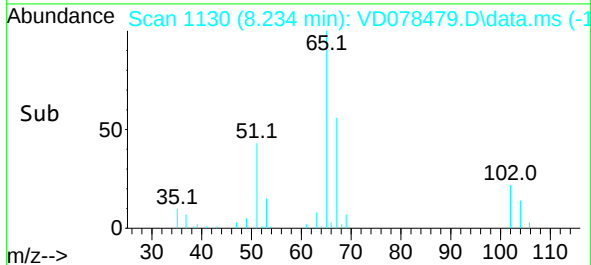
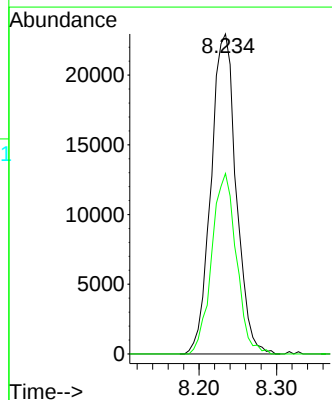
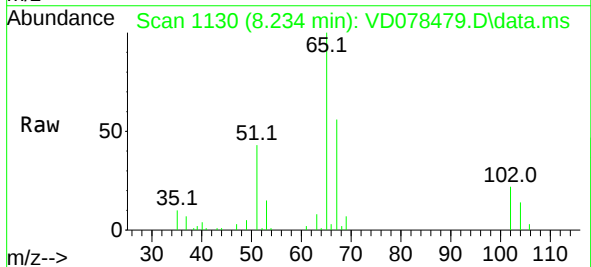
Instrument :
MSVOA_D
ClientSampleId :
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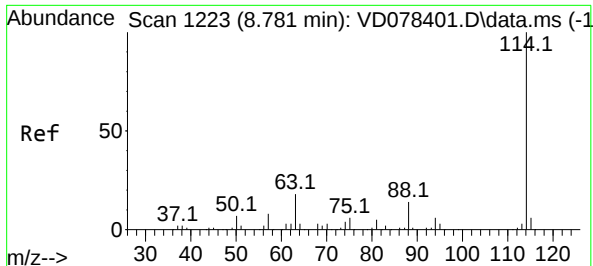
Tgt Ion: 76 Resp: 103641
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#33
1,2-Dichloroethane-d4
Concen: 43.117 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

Tgt Ion: 65 Resp: 51839
Ion Ratio Lower Upper
65 100
67 55.1 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: VD078479.D

Acq: 20 Feb 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

20240766-AMENDED-COMP-39N-N-3-01

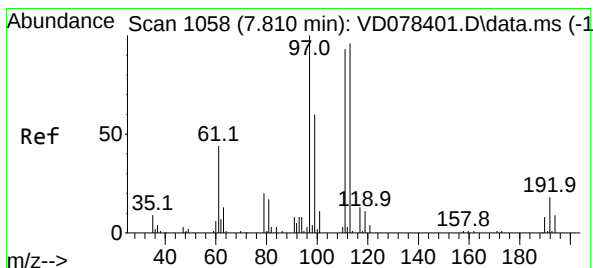
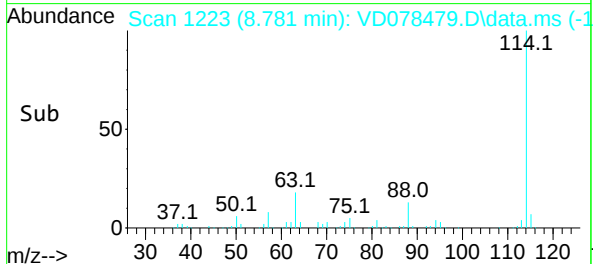
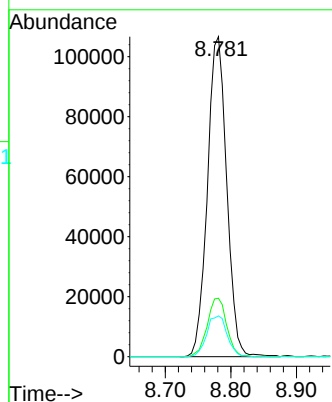
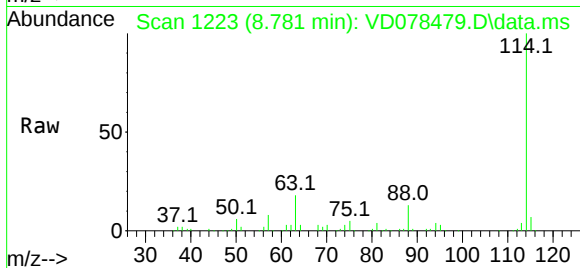
Tgt Ion:114 Resp: 218027

Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

88 12.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 26.200 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078479.D

Acq: 20 Feb 2024 13:19

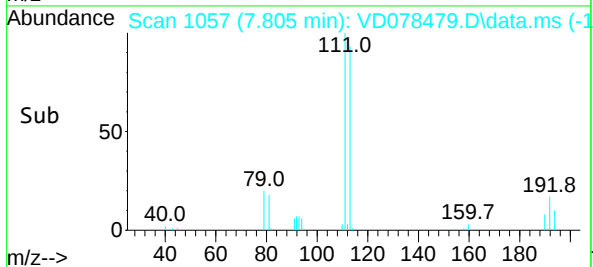
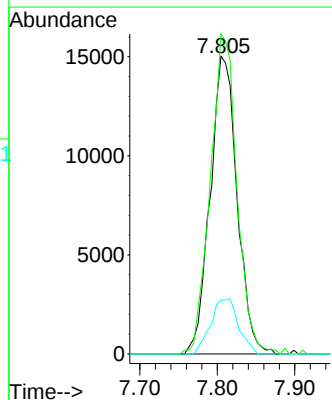
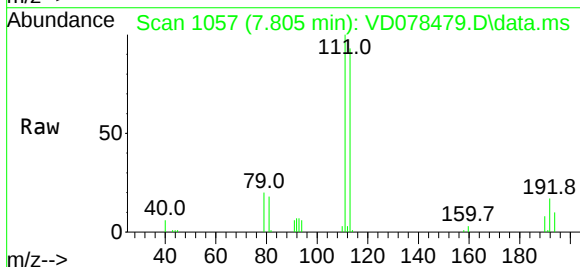
Tgt Ion:113 Resp: 36286

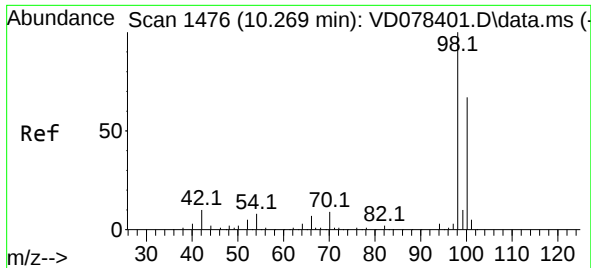
Ion Ratio Lower Upper

113 100

111 106.2 84.7 127.1

192 19.0 16.8 25.2

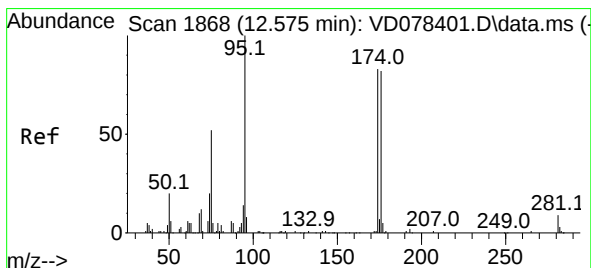
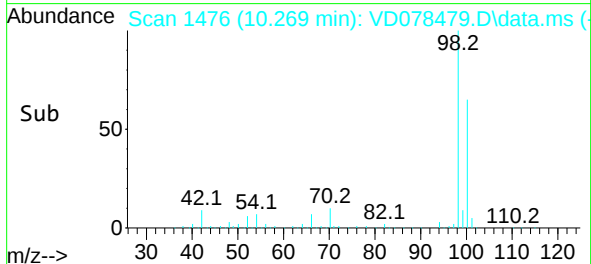
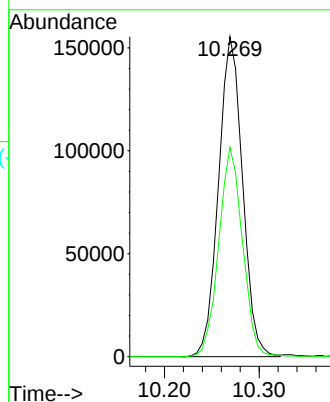
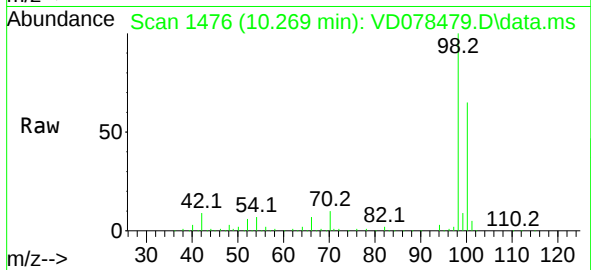




#50
Toluene-d8
Concen: 49.474 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

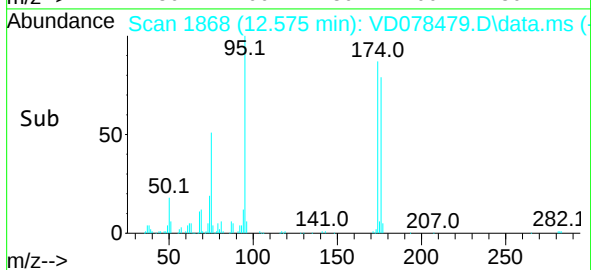
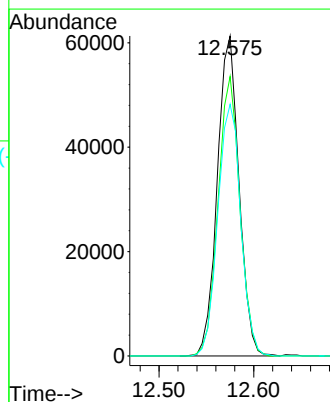
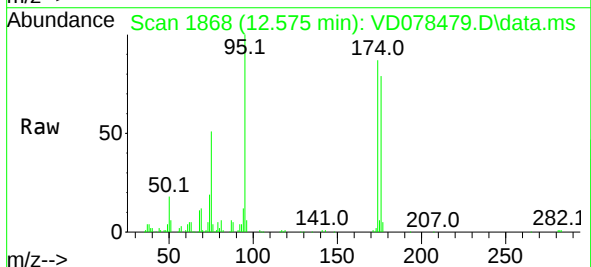
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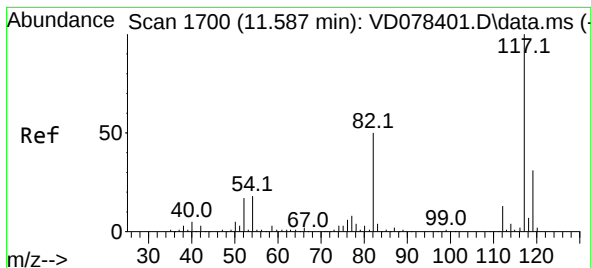
Tgt Ion: 98 Resp: 274093
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 60.512 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

Tgt Ion: 95 Resp: 97559
Ion Ratio Lower Upper
95 100
174 87.8 0.0 201.8
176 83.2 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: VD078479.D

Acq: 20 Feb 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

20240766-AMENDED-COMP-39N-N-3-01

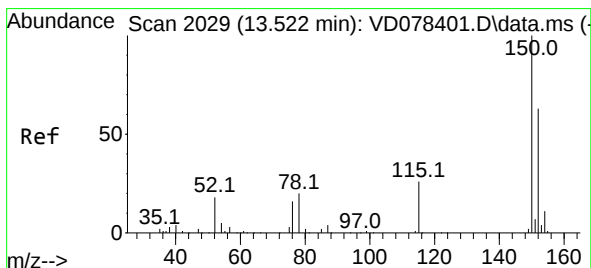
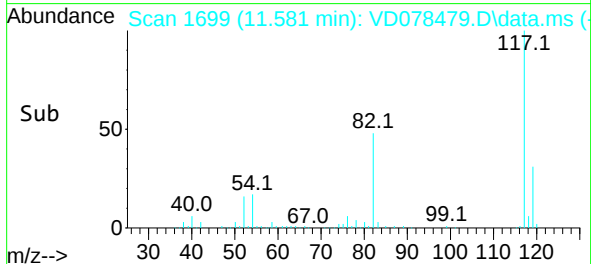
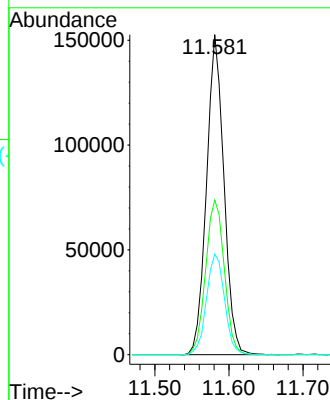
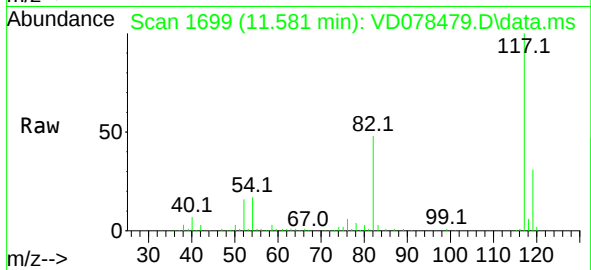
Tgt Ion:117 Resp: 248902

Ion Ratio Lower Upper

117 100

82 48.4 38.3 57.5

119 31.5 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: VD078479.D

Acq: 20 Feb 2024 13:19

Tgt Ion:152 Resp: 107474

Ion Ratio Lower Upper

152 100

115 55.2 27.1 81.3

150 156.2 0.0 353.6

