

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078462.D
 Acq On : 19 Feb 2024 14:34
 Operator : RP/MD
 Sample : P1509-11
 Misc : 5.08G/6ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-191-GW-848-850

Quant Time: Feb 20 00:05:40 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)

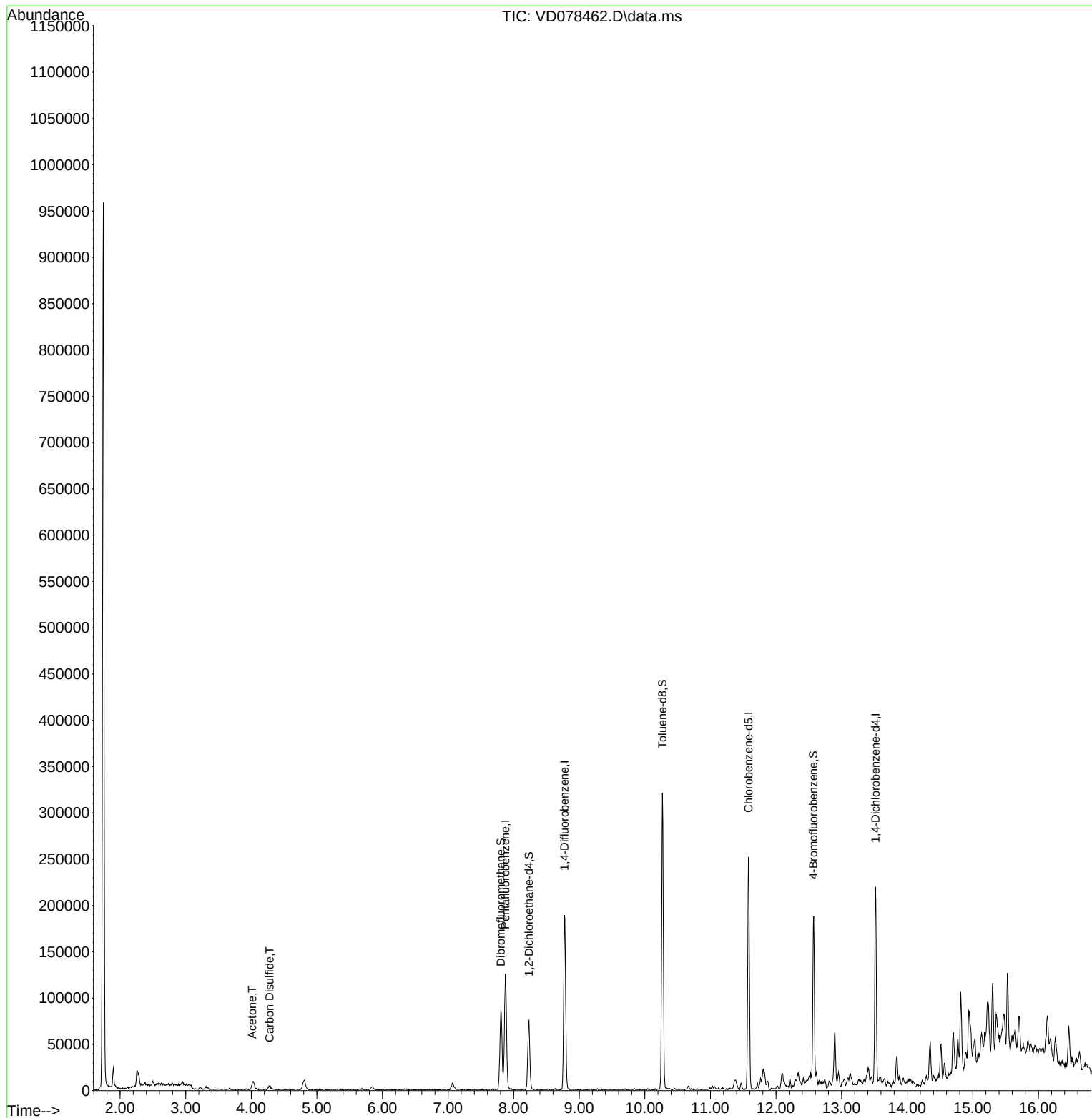
Internal Standards						
1) Pentafluorobenzene	7.875	168	95876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	175489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	153184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	56243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	55915	53.938	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.880%	
35) Dibromofluoromethane	7.805	113	63014	56.528	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.060%	
50) Toluene-d8	10.269	98	223282	50.072	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.140%	
62) 4-Bromofluorobenzene	12.569	95	57042	43.957	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.920%	
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	14998	55.476	ug/l #	84
17) Carbon Disulfide	4.281	76	5423	1.542	ug/l	99

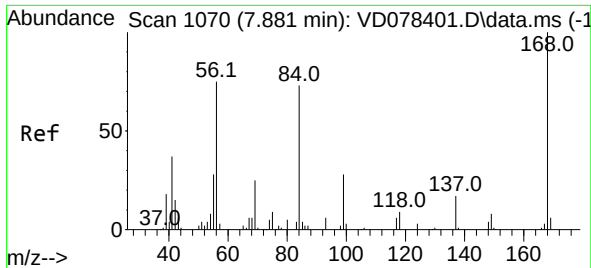
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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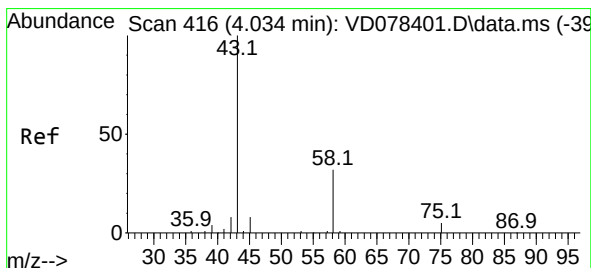
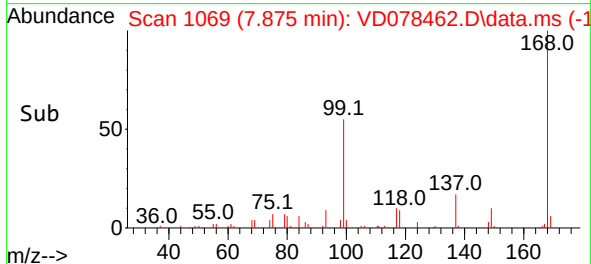
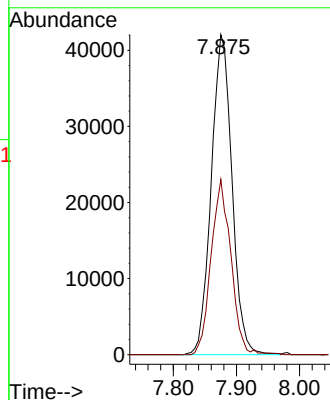
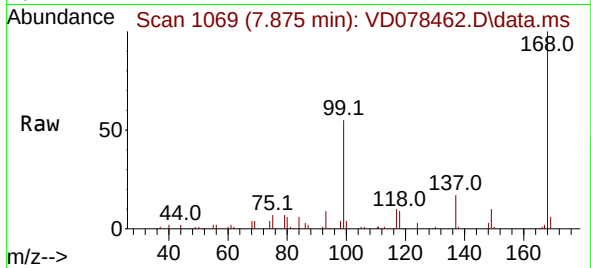




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078462.D
Acq: 19 Feb 2024 14:34

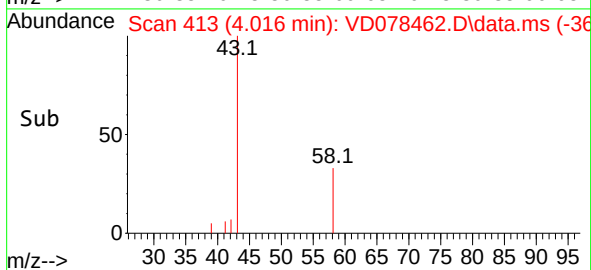
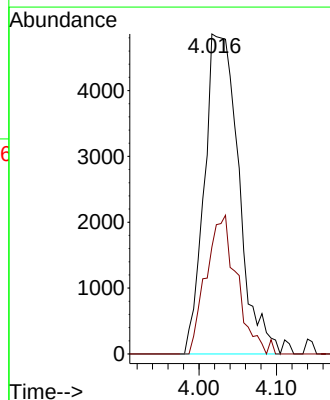
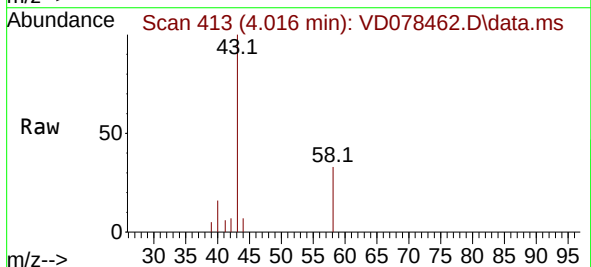
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-848-850

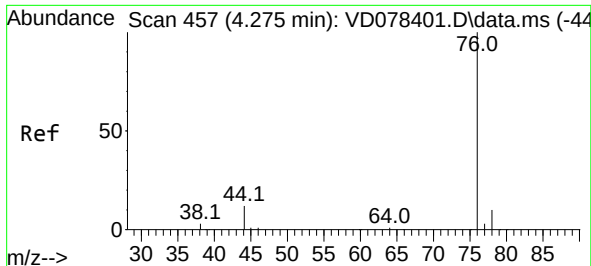
Tgt Ion:168 Resp: 95876
Ion Ratio Lower Upper
168 100
99 54.8 36.7 55.1



#16
Acetone
Concen: 55.476 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.018 min
Lab File: VD078462.D
Acq: 19 Feb 2024 14:34

Tgt Ion: 43 Resp: 14998
Ion Ratio Lower Upper
43 100
58 33.4 34.7 52.1#

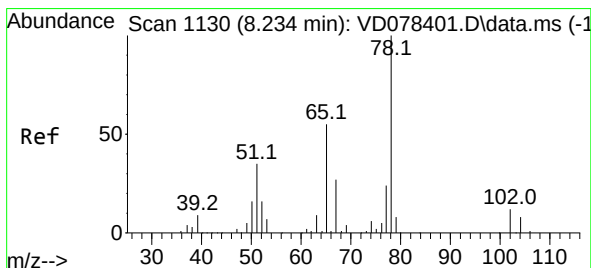
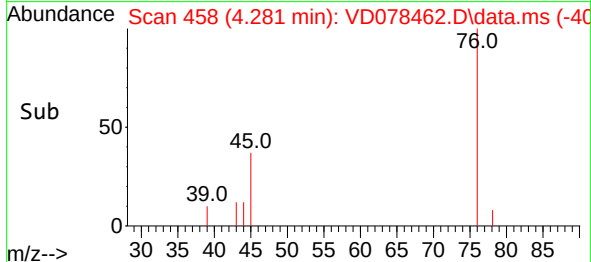
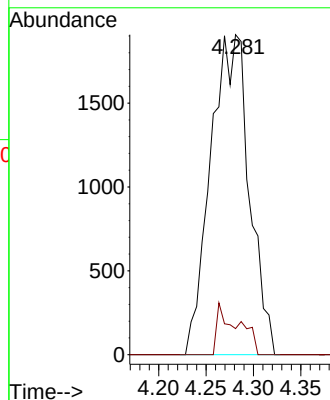
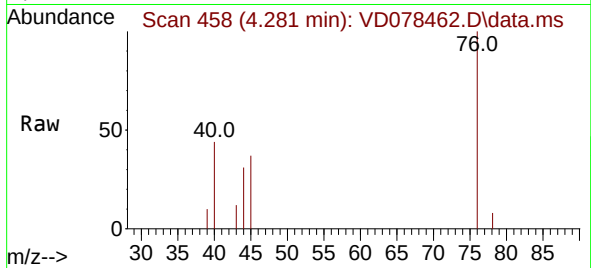




#17
Carbon Disulfide
Concen: 1.542 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078462.D
Acq: 19 Feb 2024 14:34

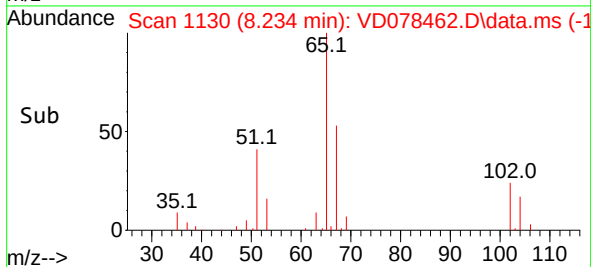
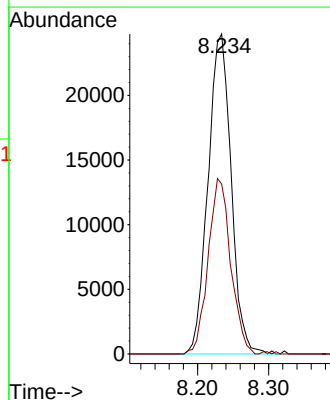
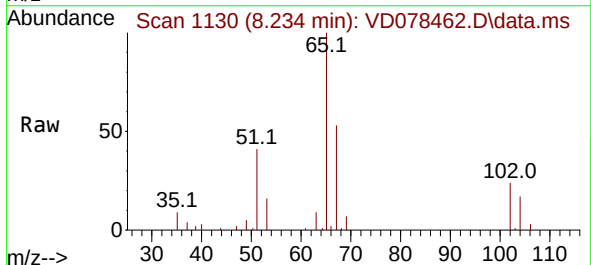
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-848-850

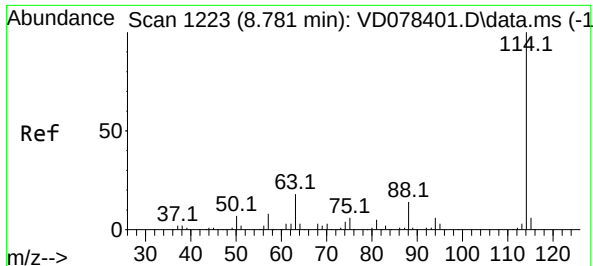
Tgt Ion: 76 Resp: 5423
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2



#33
1,2-Dichloroethane-d4
Concen: 53.938 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078462.D
Acq: 19 Feb 2024 14:34

Tgt Ion: 65 Resp: 55915
Ion Ratio Lower Upper
65 100
67 53.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078462.D

Acq: 19 Feb 2024 14:34

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-848-850

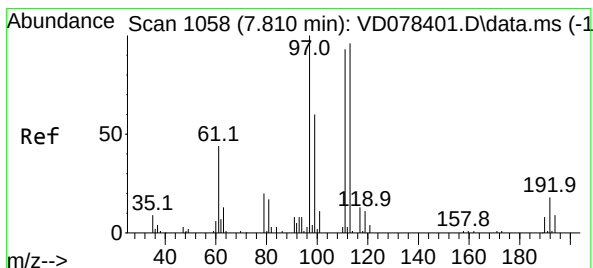
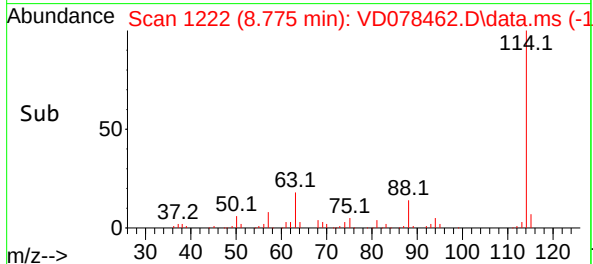
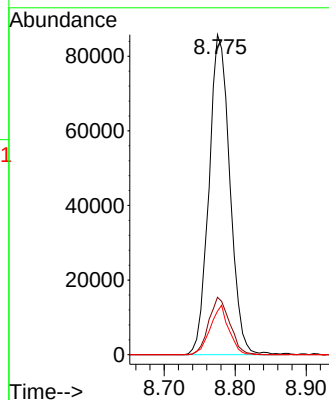
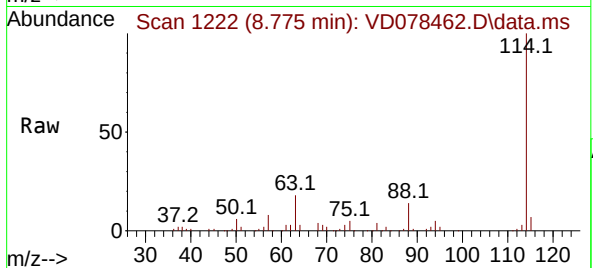
Tgt Ion:114 Resp: 175489

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 56.528 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078462.D

Acq: 19 Feb 2024 14:34

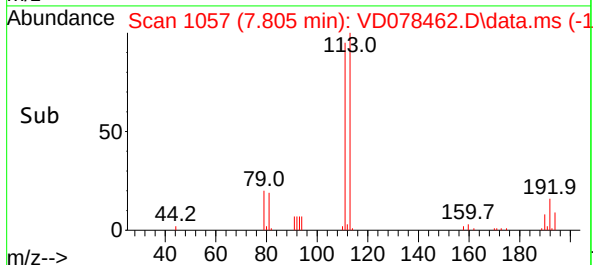
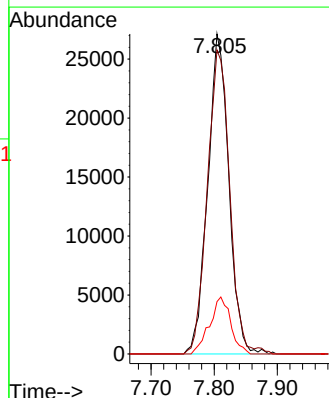
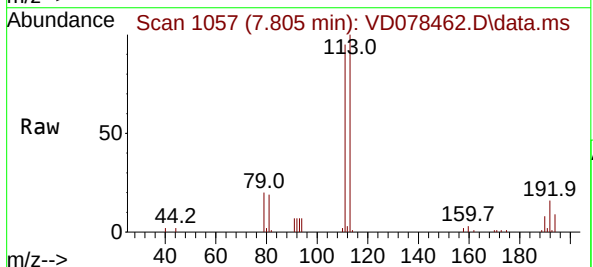
Tgt Ion:113 Resp: 63014

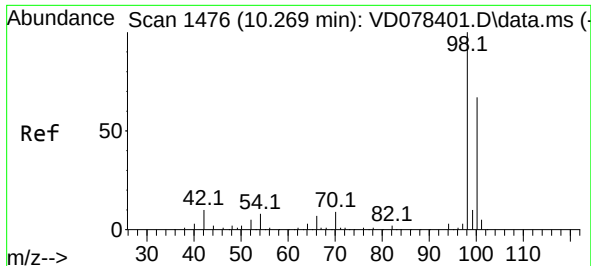
Ion Ratio Lower Upper

113 100

111 100.7 84.7 127.1

192 17.8 16.8 25.2

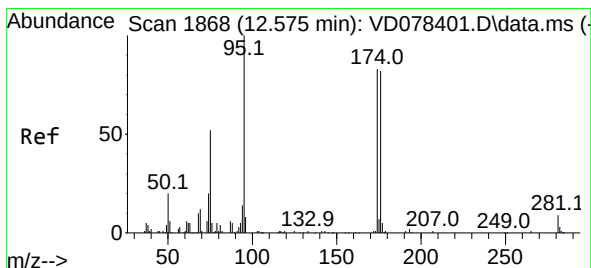
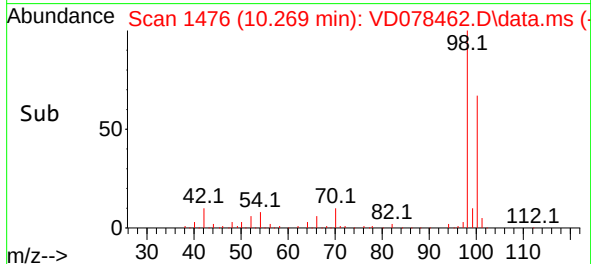
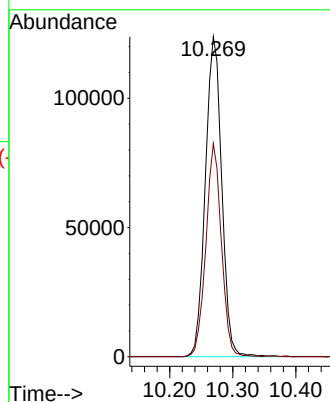
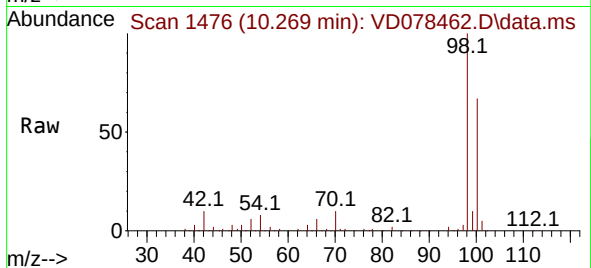




#50
Toluene-d8
Concen: 50.072 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078462.D
Acq: 19 Feb 2024 14:34

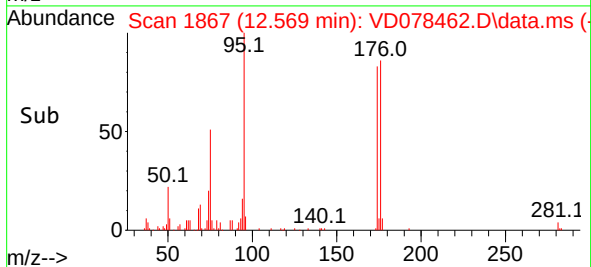
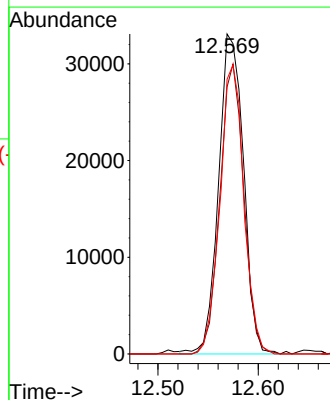
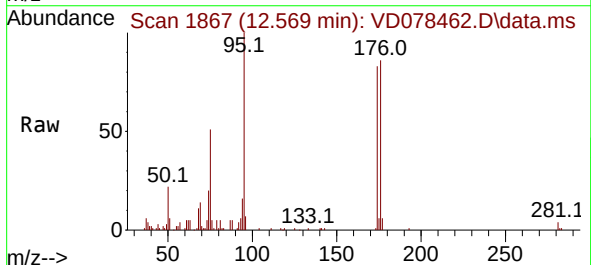
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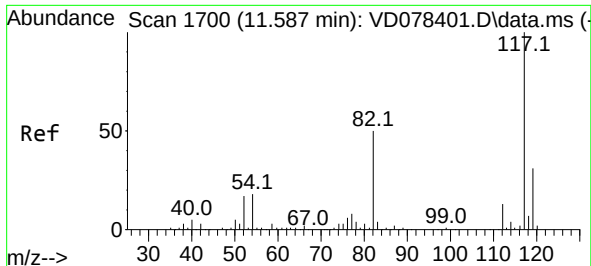
Tgt Ion: 98 Resp: 223282
Ion Ratio Lower Upper
98 100
100 62.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.957 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078462.D
Acq: 19 Feb 2024 14:34

Tgt Ion: 95 Resp: 57042
Ion Ratio Lower Upper
95 100
174 86.6 0.0 201.8
176 86.7 0.0 191.8

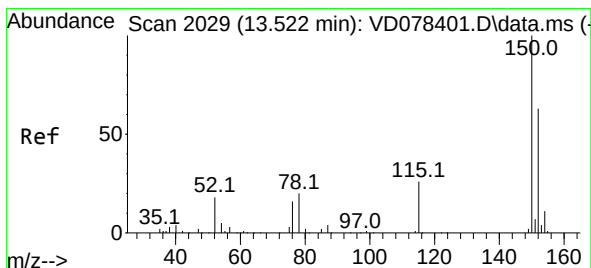
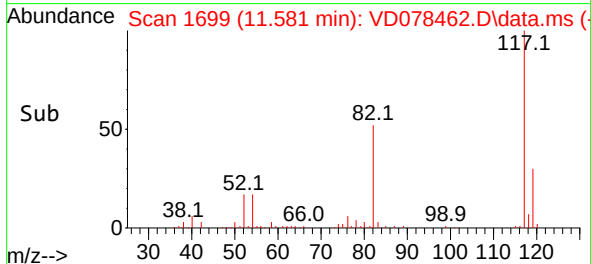
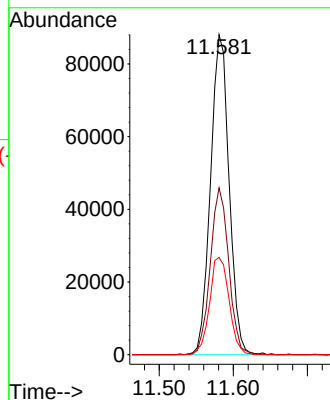
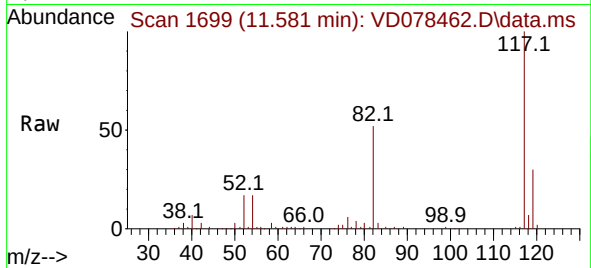




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078462.D
Acq: 19 Feb 2024 14:34

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-848-850

Tgt Ion:117 Resp: 153184
Ion Ratio Lower Upper
117 100
82 52.2 38.3 57.5
119 30.4 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: VD078462.D
Acq: 19 Feb 2024 14:34

Tgt Ion:152 Resp: 56243
Ion Ratio Lower Upper
152 100
115 57.8 27.1 81.3
150 162.7 0.0 353.6

