

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078983.D
 Acq On : 22 May 2024 16:55
 Operator : RP/MD
 Sample : P2538-01
 Misc : 5.06G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 POLE-SLEEVE-SOIL

Quant Time: May 23 06:06:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

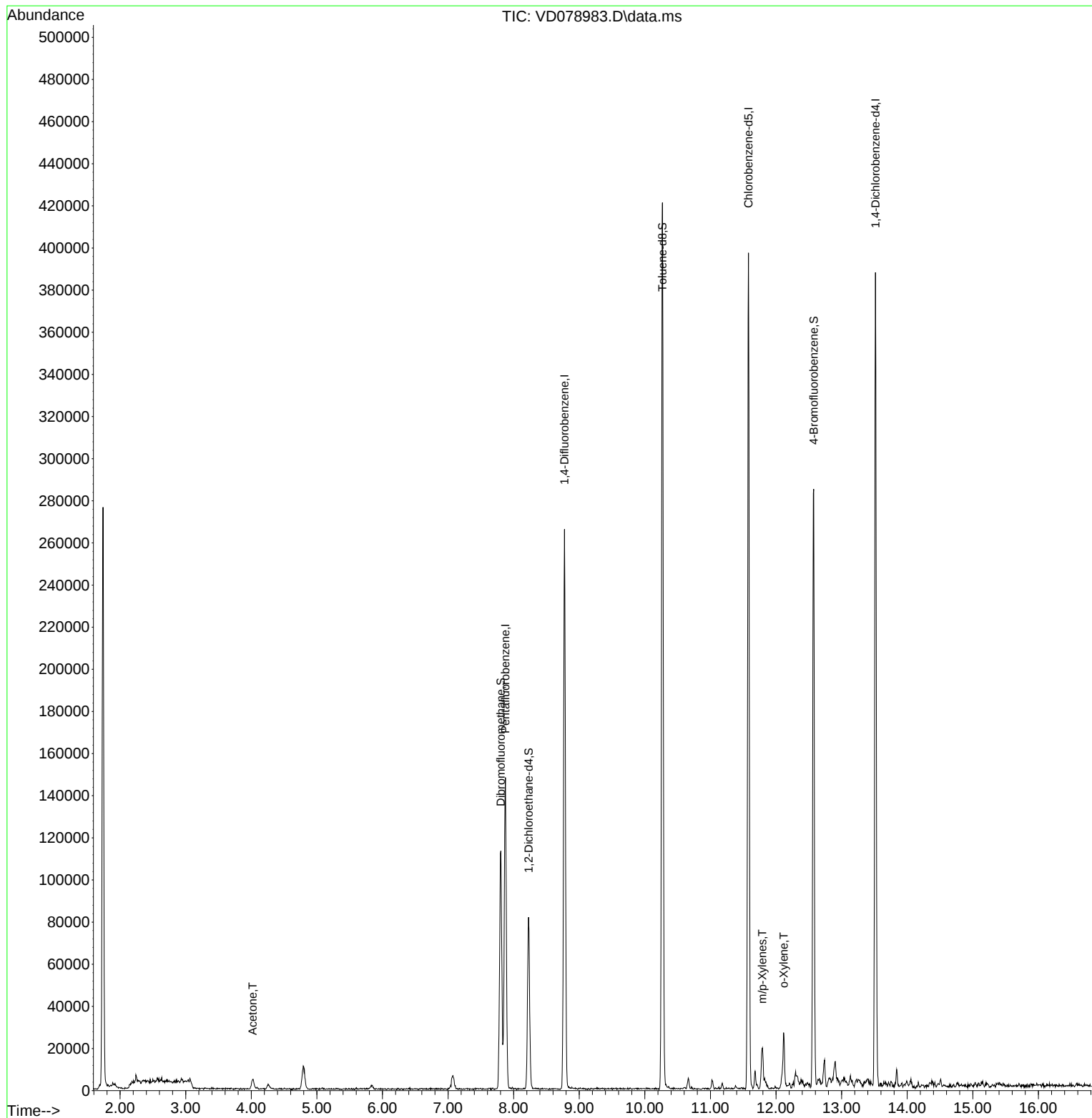
Internal Standards						
1) Pentafluorobenzene	7.875	168	117431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	243598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	241957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	107208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63536	57.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.360%	
35) Dibromofluoromethane	7.805	113	81934	50.528	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.060%	
50) Toluene-d8	10.269	98	306412	50.406	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.820%	
62) 4-Bromofluorobenzene	12.575	95	88408	51.769	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.540%	
Target Compounds						
						Qvalue
16) Acetone	4.022	43	7936	45.186	ug/l	91
68) m/p-Xylenes	11.793	106	7564	2.298	ug/l	89
69) o-Xylene	12.116	106	7586	2.528	ug/l	100

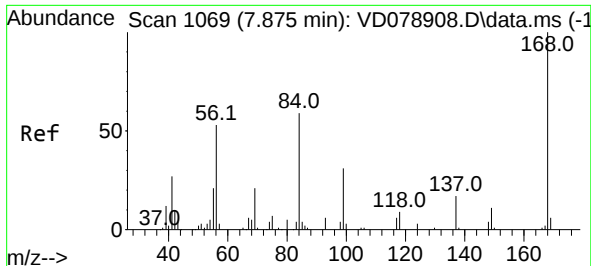
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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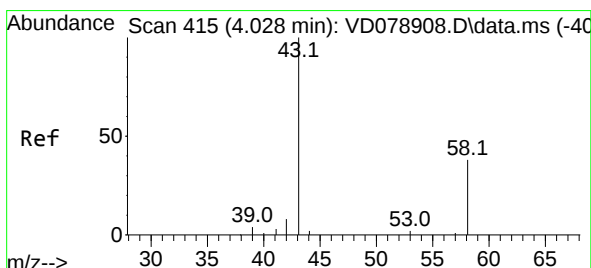
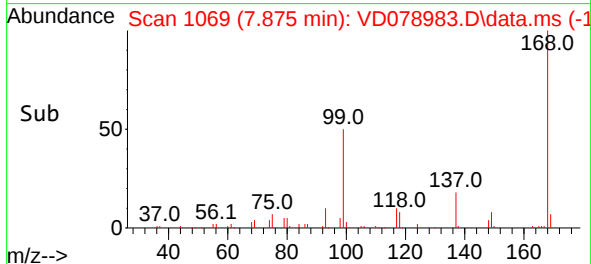
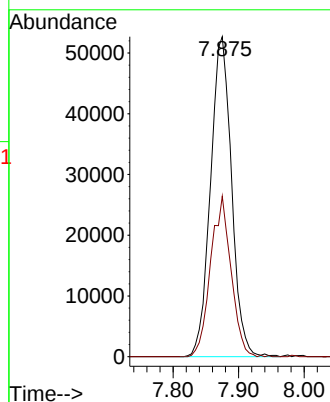
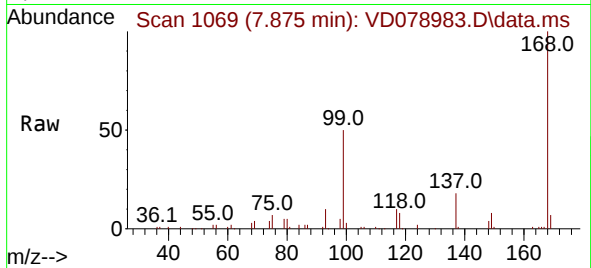




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078983.D
Acq: 22 May 2024 16:55

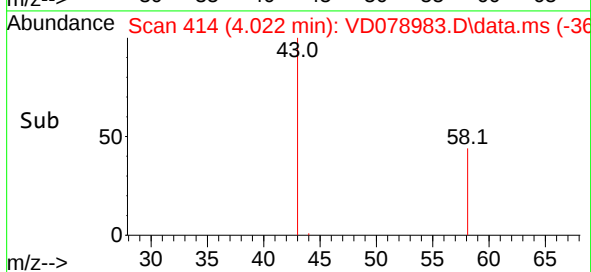
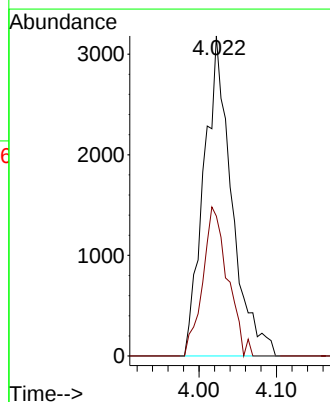
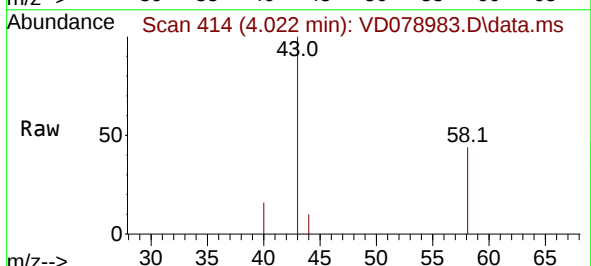
Instrument :
MSVOA_D
ClientSampleId :
POLE-SLEEVE-SOIL

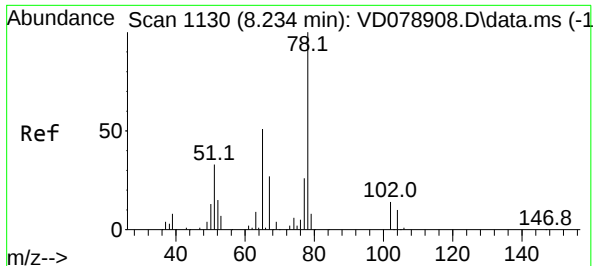
Tgt Ion:168 Resp: 117431
Ion Ratio Lower Upper
168 100
99 50.2 41.1 61.7



#16
Acetone
Concen: 45.186 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.005 min
Lab File: VD078983.D
Acq: 22 May 2024 16:55

Tgt Ion: 43 Resp: 7936
Ion Ratio Lower Upper
43 100
58 43.7 30.4 45.6

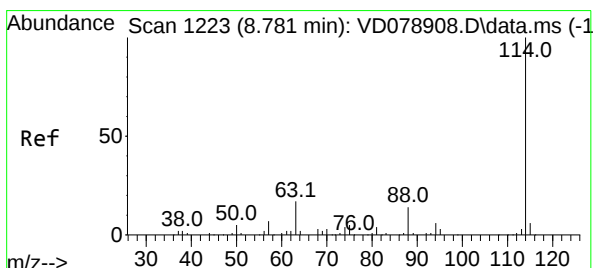
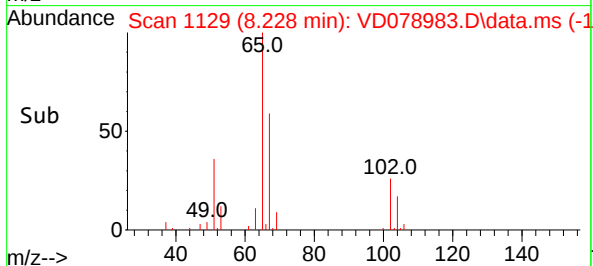
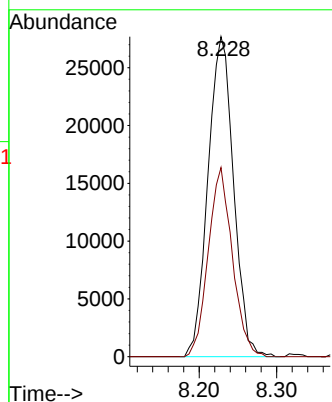
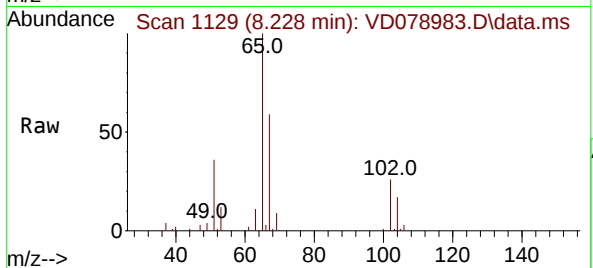




#33
 1,2-Dichloroethane-d4
 Concen: 57.681 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.005 min
 Lab File: VD078983.D
 Acq: 22 May 2024 16:55

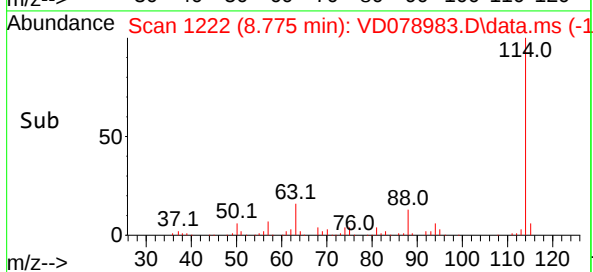
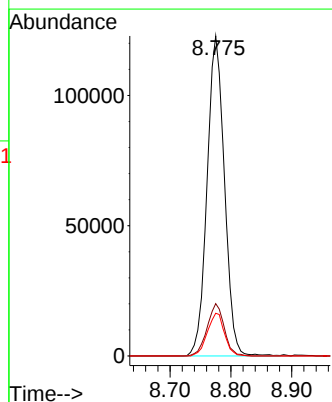
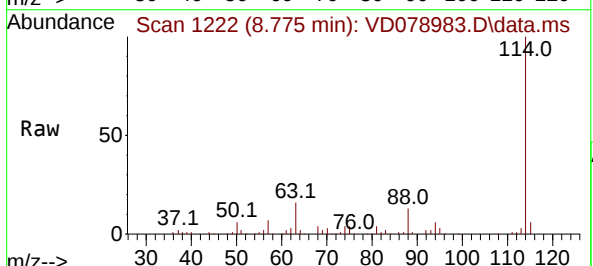
Instrument :
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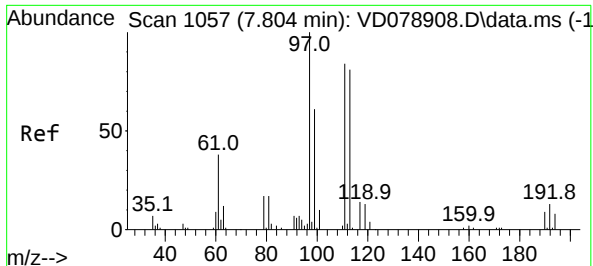
Tgt Ion: 65 Resp: 63536
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.005 min
 Lab File: VD078983.D
 Acq: 22 May 2024 16:55

Tgt Ion: 114 Resp: 243598
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 34.0
 88 13.4 0.0 27.2

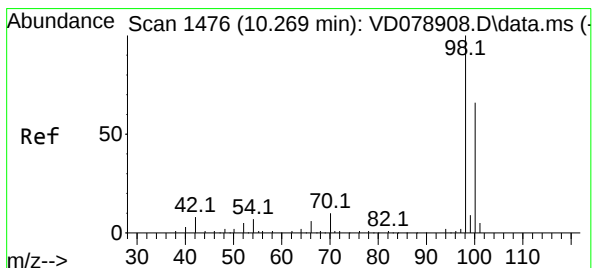
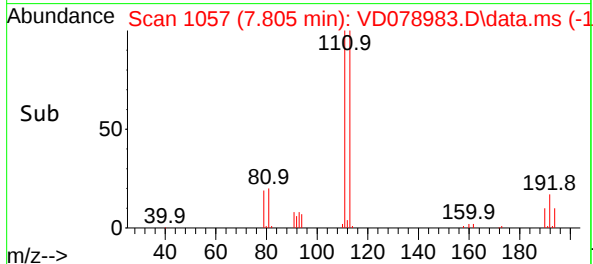
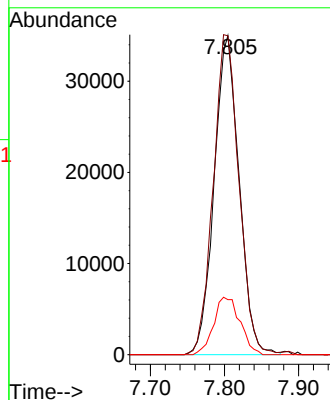
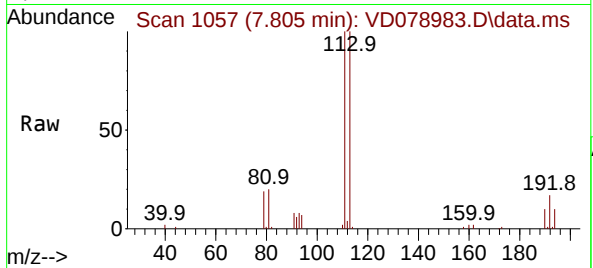




#35
Dibromofluoromethane
Concen: 50.528 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078983.D
Acq: 22 May 2024 16:55

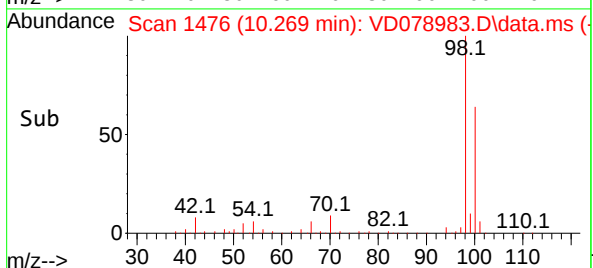
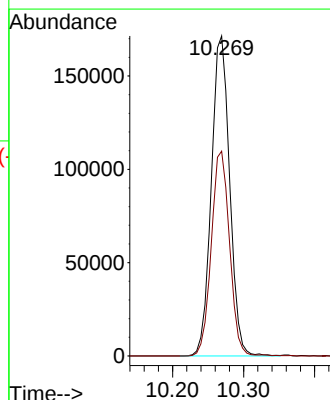
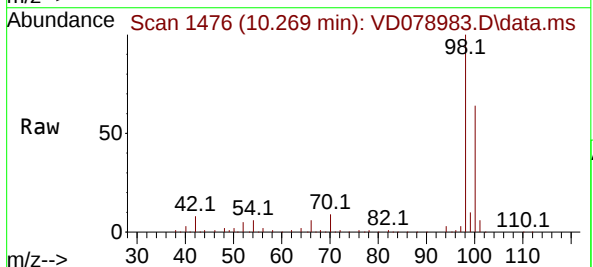
Instrument :
MSVOA_D
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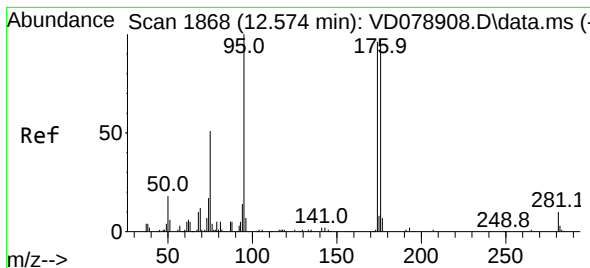
Tgt Ion:113 Resp: 81934
Ion Ratio Lower Upper
113 100
111 103.0 84.0 126.0
192 19.0 15.4 23.0



#50
Toluene-d8
Concen: 50.406 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078983.D
Acq: 22 May 2024 16:55

Tgt Ion: 98 Resp: 306412
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4

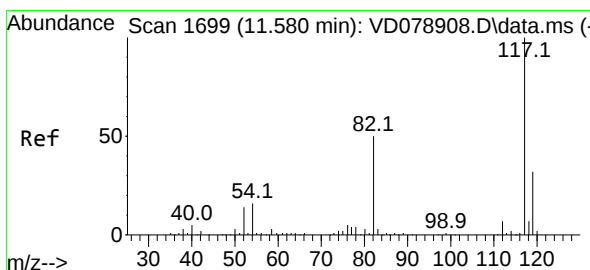
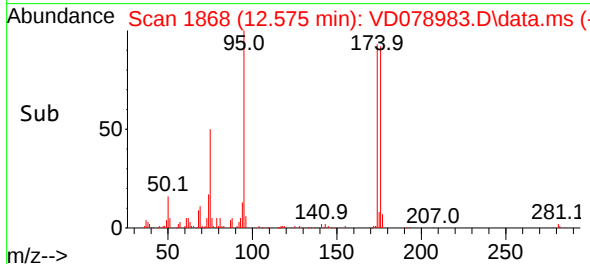
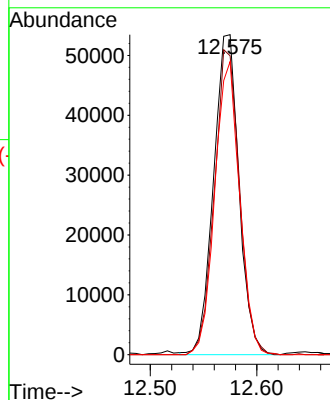
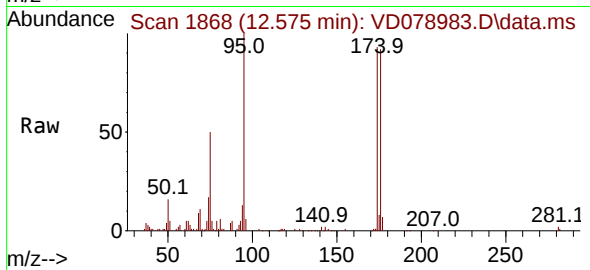




#62
4-Bromofluorobenzene
Concen: 51.769 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078983.D
Acq: 22 May 2024 16:55

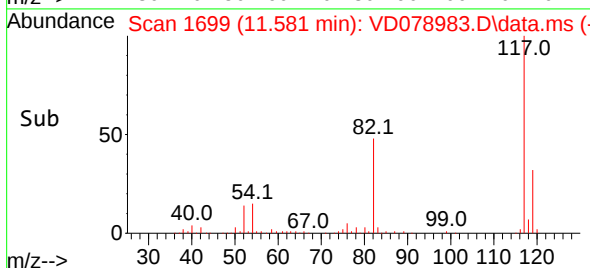
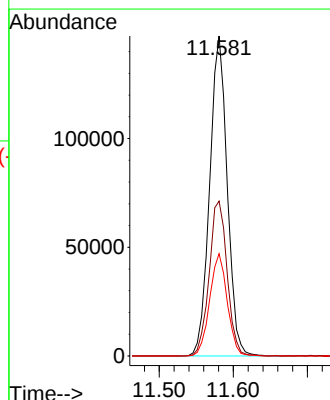
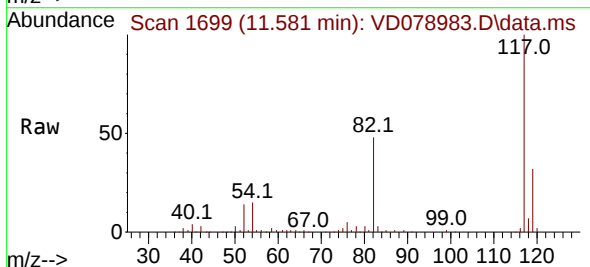
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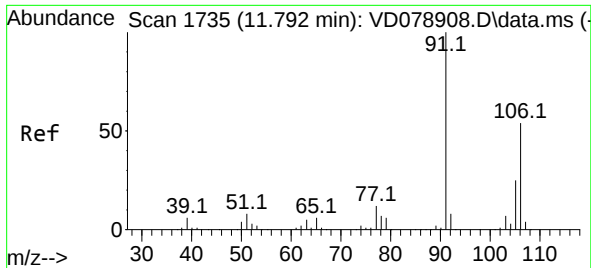
Tgt Ion: 95 Resp: 88408
Ion Ratio Lower Upper
95 100
174 94.2 0.0 195.4
176 89.6 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078983.D
Acq: 22 May 2024 16:55

Tgt Ion: 117 Resp: 241957
Ion Ratio Lower Upper
117 100
82 48.4 39.8 59.6
119 31.9 25.7 38.5

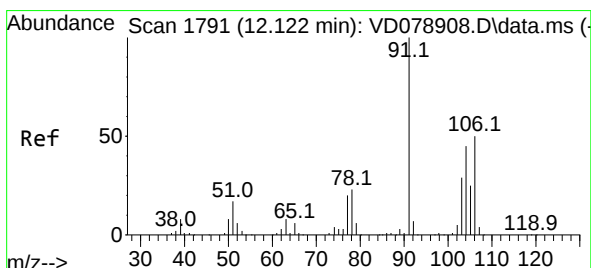
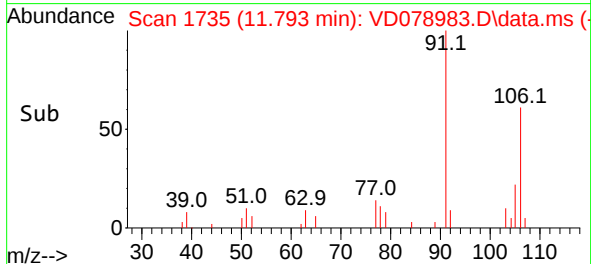
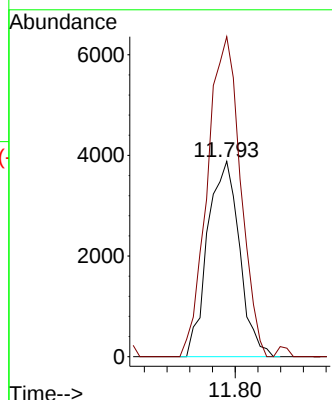
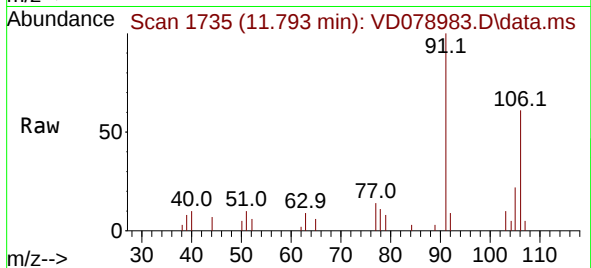




#68
m/p-Xylenes
Concen: 2.298 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078983.D
Acq: 22 May 2024 16:55

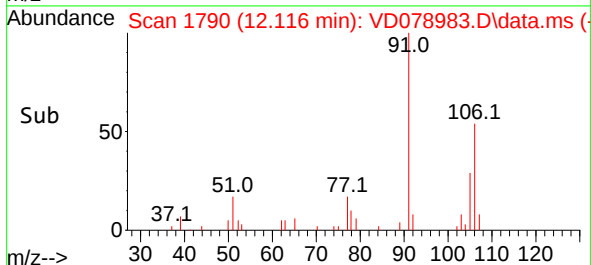
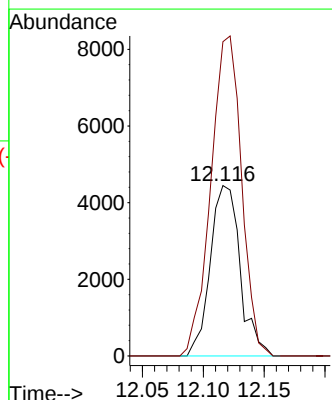
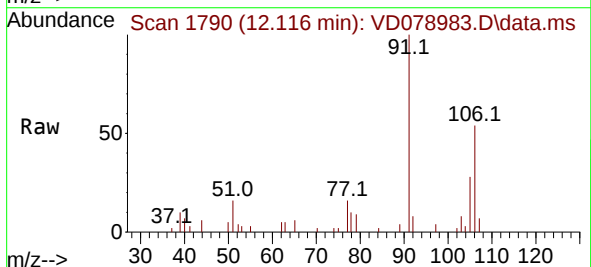
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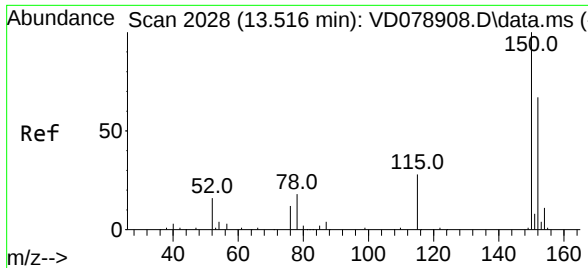
Tgt Ion:106 Resp: 7564
Ion Ratio Lower Upper
106 100
91 170.4 148.5 222.7



#69
o-Xylene
Concen: 2.528 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.005 min
Lab File: VD078983.D
Acq: 22 May 2024 16:55

Tgt Ion:106 Resp: 7586
Ion Ratio Lower Upper
106 100
91 193.6 96.7 290.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078983.D
 Acq: 22 May 2024 16:55

Instrument :
 MSVOA_D
 ClientSampleId :
 POLE-SLEEVE-SOIL

Tgt Ion:	152	Resp:	107208
Ion	Ratio	Lower	Upper
152	100		
115	54.5	26.5	79.5
150	159.1	0.0	341.6

