

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021723\
 Data File : VD075356.D
 Acq On : 17 Feb 2023 15:25
 Operator : KP/SY
 Sample : 01593-04
 Misc : 8.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-26-SB03

Quant Time: Feb 18 01:06:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	1044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	1855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	2173	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.527	152	575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	827	67.556	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.120%	
35) Dibromofluoromethane	7.786	113	574	44.129	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.260%	
50) Toluene-d8	10.269	98	2464	49.951	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.900%	
62) 4-Bromofluorobenzene	12.586	95	707	43.467	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.940%	

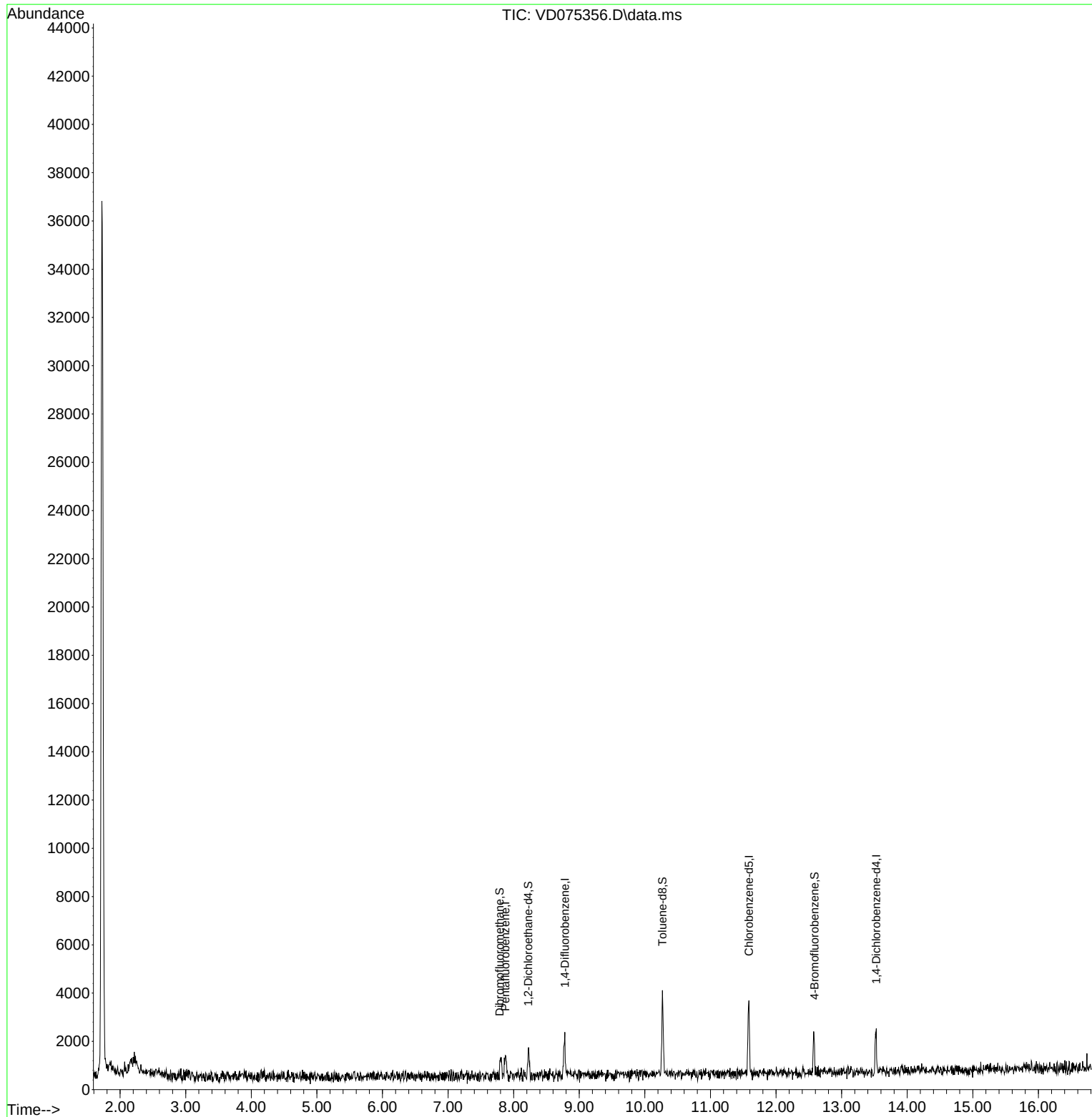
Target Compounds	Qvalue

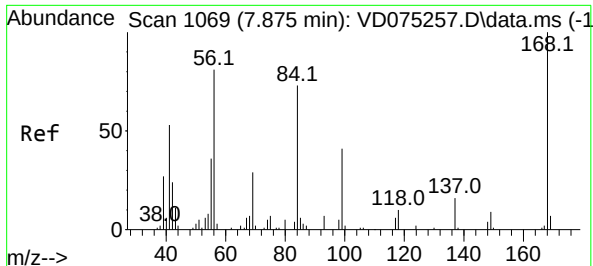
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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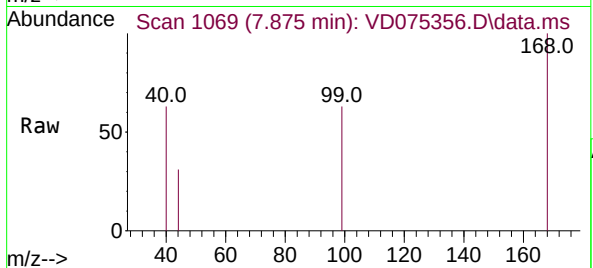
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
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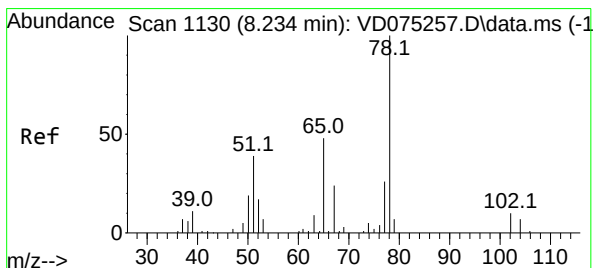
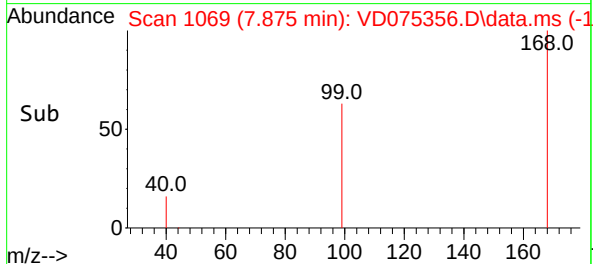
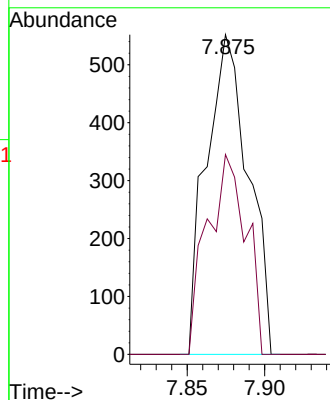


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075356.D
Acq: 17 Feb 2023 15:25

Instrument :
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ClientSampleId :
B-26-SB03

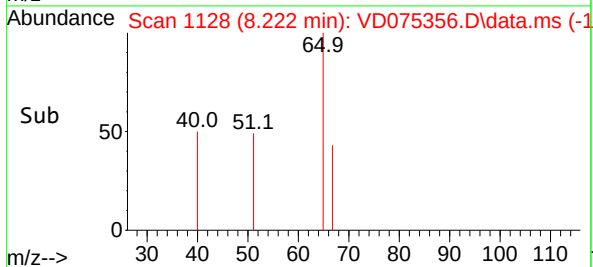
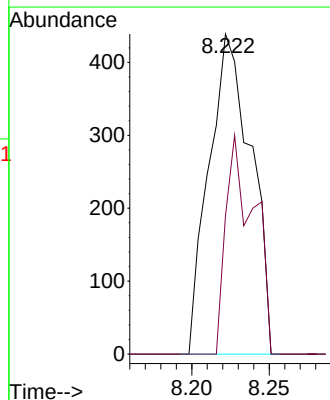
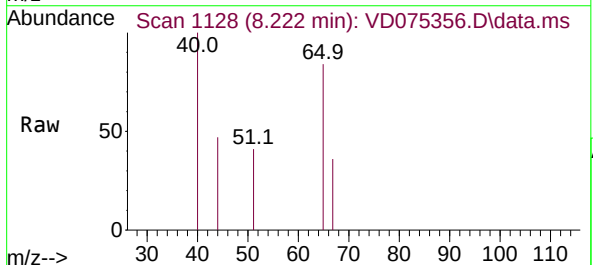


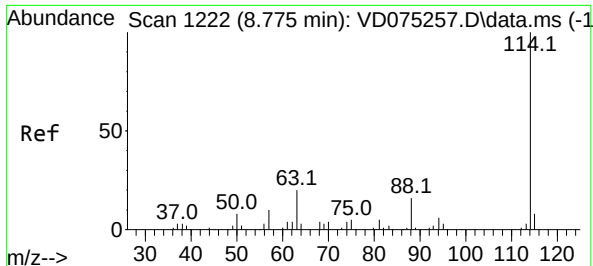
Tgt Ion:168 Resp: 1044
Ion Ratio Lower Upper
168 100
99 62.5 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 67.556 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.012 min
Lab File: VD075356.D
Acq: 17 Feb 2023 15:25

Tgt Ion: 65 Resp: 827
Ion Ratio Lower Upper
65 100
67 45.8 0.0 105.2

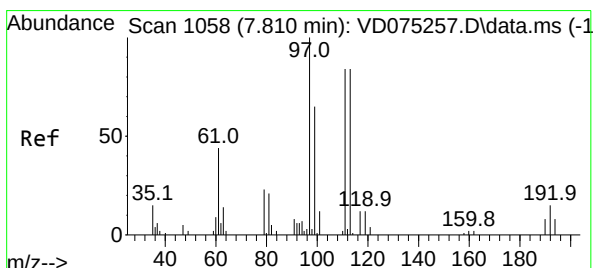
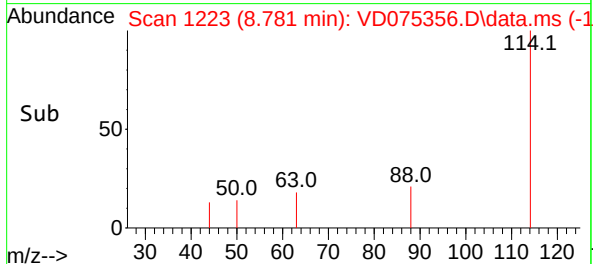
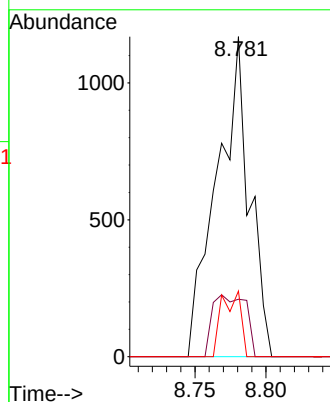
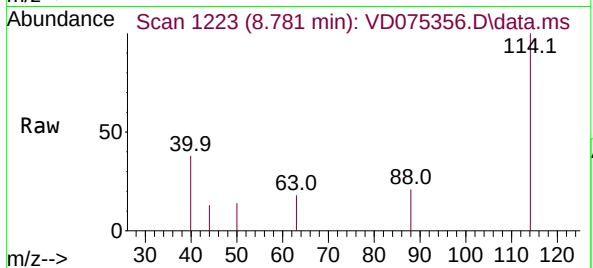




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075356.D
Acq: 17 Feb 2023 15:25

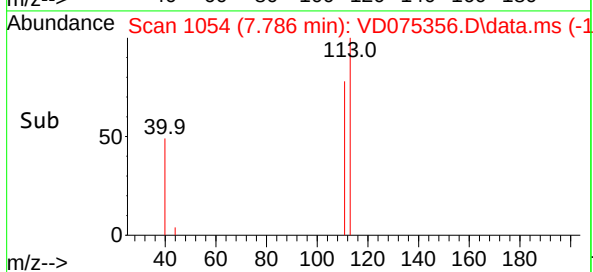
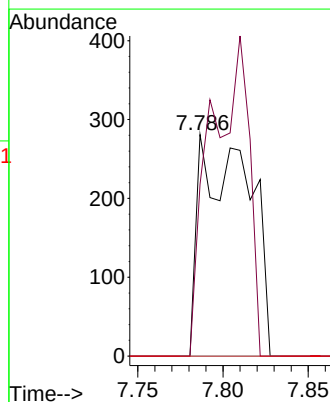
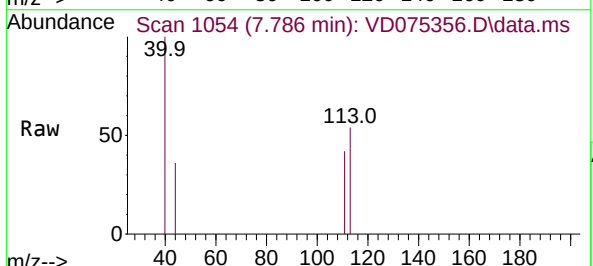
Instrument :
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ClientSampleId :
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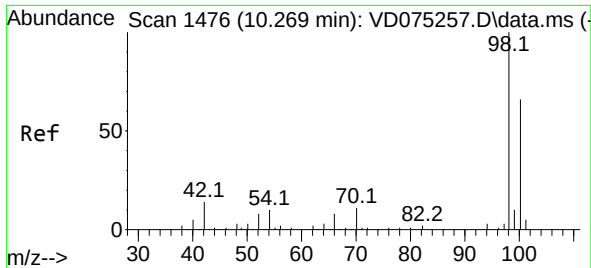
Tgt Ion:114 Resp: 1855
Ion Ratio Lower Upper
114 100
63 18.0 0.0 40.2
88 20.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 44.129 ug/l
RT: 7.786 min Scan# 1054
Delta R.T. -0.024 min
Lab File: VD075356.D
Acq: 17 Feb 2023 15:25

Tgt Ion:113 Resp: 574
Ion Ratio Lower Upper
113 100
111 0.0 80.1 120.1#
192 0.0 15.4 23.0#

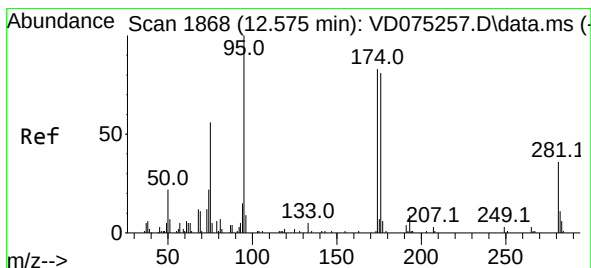
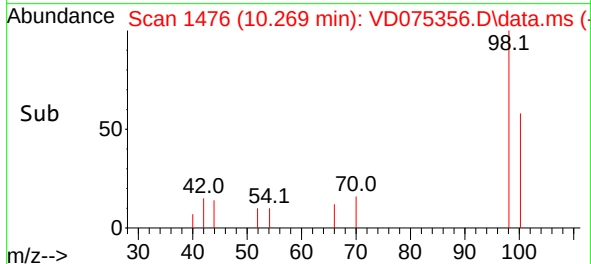
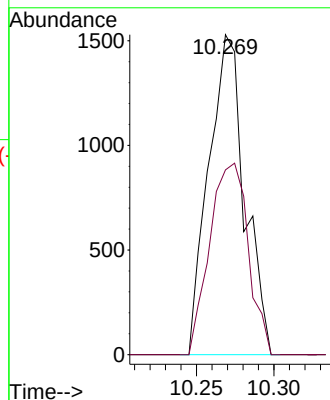
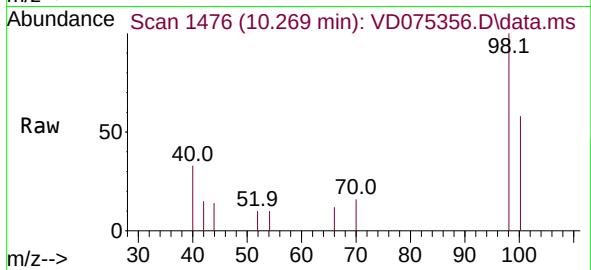




#50
Toluene-d8
Concen: 49.951 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075356.D
Acq: 17 Feb 2023 15:25

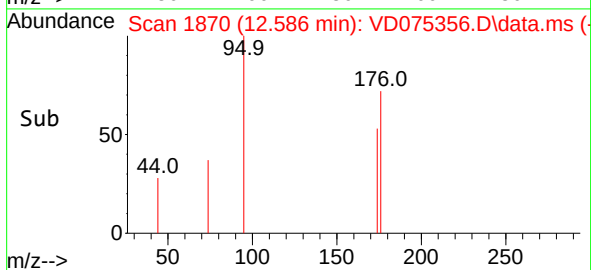
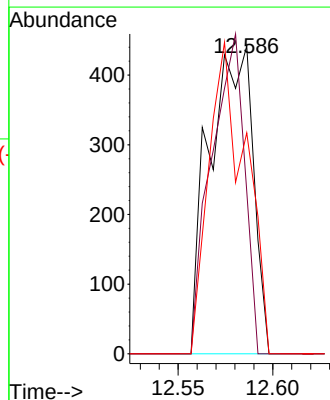
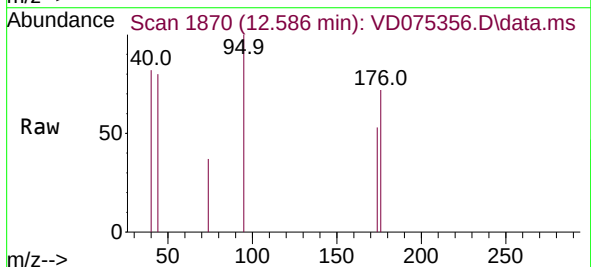
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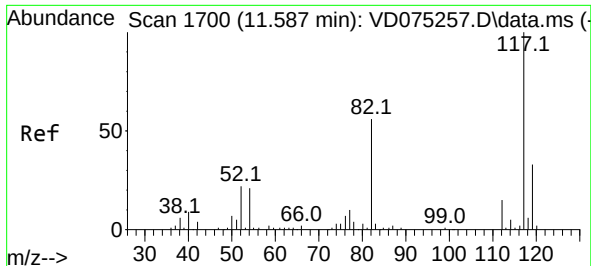
Tgt Ion: 98 Resp: 2464
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 43.467 ug/l
RT: 12.586 min Scan# 1870
Delta R.T. 0.011 min
Lab File: VD075356.D
Acq: 17 Feb 2023 15:25

Tgt Ion: 95 Resp: 707
Ion Ratio Lower Upper
95 100
174 78.9 0.0 161.2
176 85.6 0.0 160.2

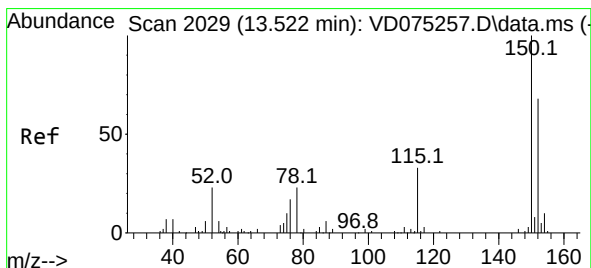
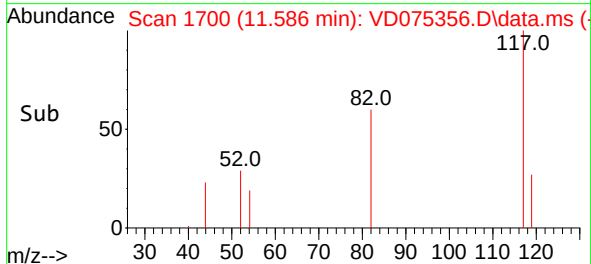
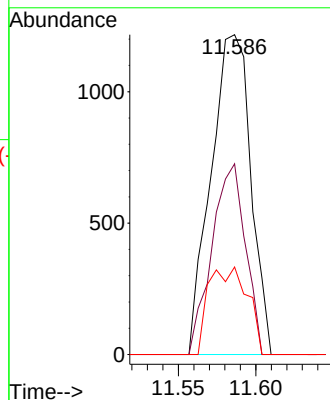
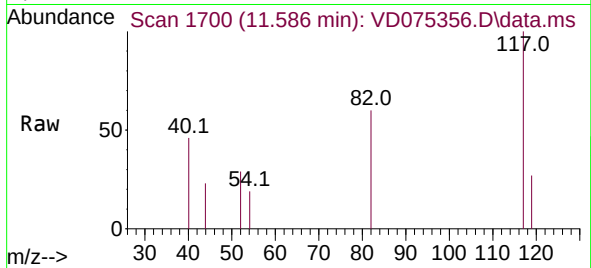




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD075356.D
Acq: 17 Feb 2023 15:25

Instrument :
MSVOA_D
ClientSampleId :
B-26-SB03

Tgt Ion:117 Resp: 2173
Ion Ratio Lower Upper
117 100
82 59.7 39.6 59.4#
119 27.4 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.527 min Scan# 2030
Delta R.T. 0.005 min
Lab File: VD075356.D
Acq: 17 Feb 2023 15:25

Tgt Ion:152 Resp: 575
Ion Ratio Lower Upper
152 100
115 67.5 28.8 86.4
150 195.7 0.0 348.6

