

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012422\
 Data File : VD071777.D
 Acq On : 24 Jan 2022 14:53
 Operator : VA/SY
 Sample : N1243-02
 Misc : 6.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AMI-1

Quant Time: Jan 25 04:11:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

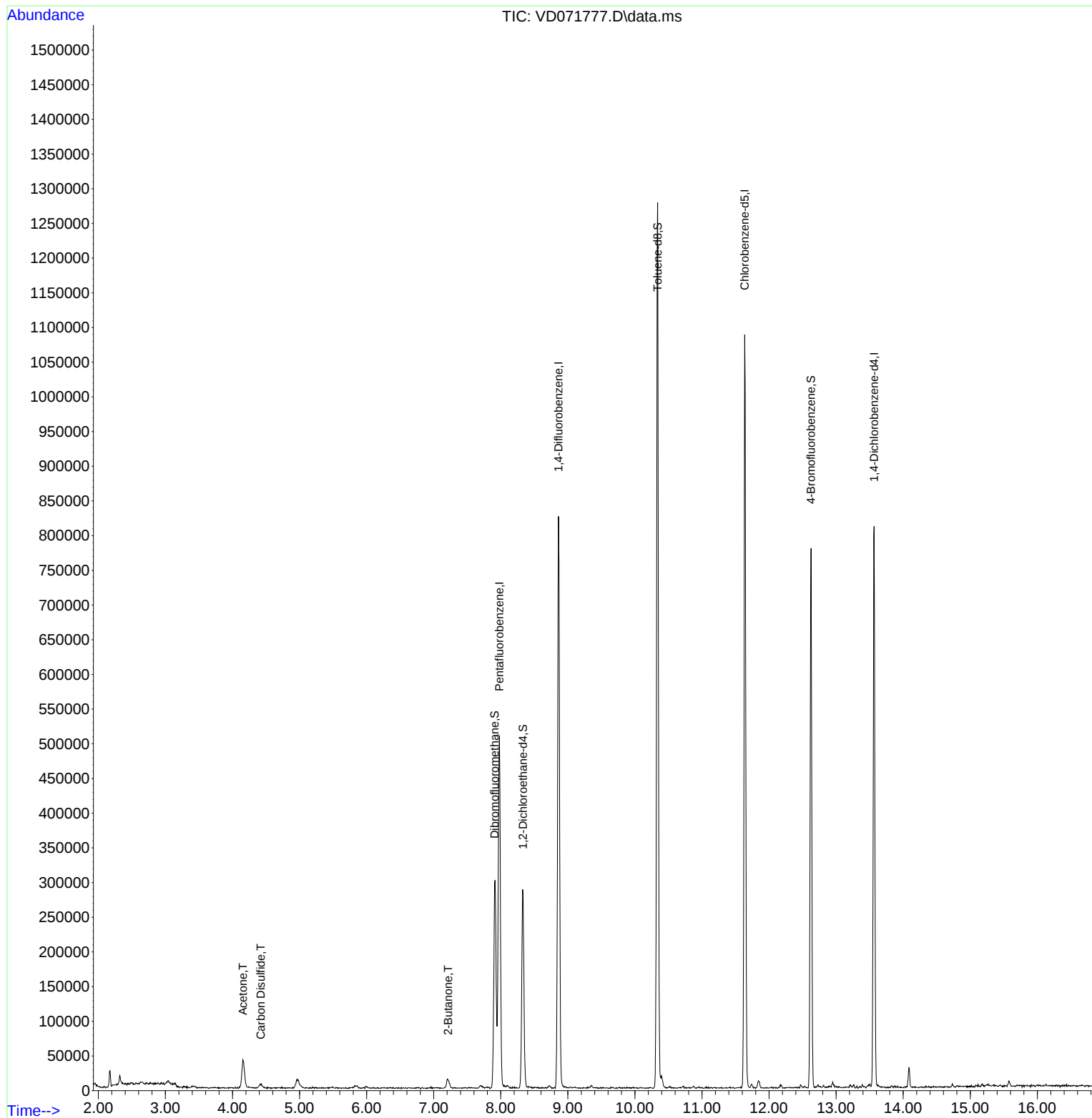
Internal Standards						
1) Pentafluorobenzene	7.979	168	342061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	648026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	559573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	199380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	226944	51.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.120%	
35) Dibromofluoromethane	7.908	113	214321	50.044	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.080%	
50) Toluene-d8	10.338	98	825025	51.463	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.920%	
62) 4-Bromofluorobenzene	12.626	95	224958	39.822	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.640%	
Target Compounds						
						Qvalue
16) Acetone	4.156	43	72990	71.829	ug/l	95
17) Carbon Disulfide	4.420	76	7896	1.493	ug/l #	94
25) 2-Butanone	7.214	43	20161	16.792	ug/l	97

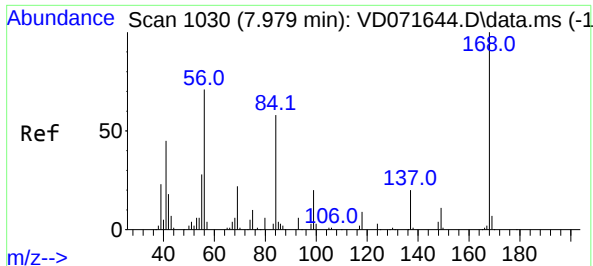
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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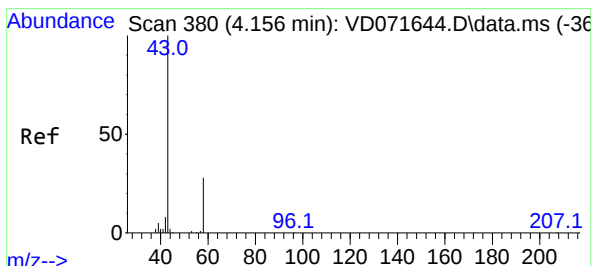
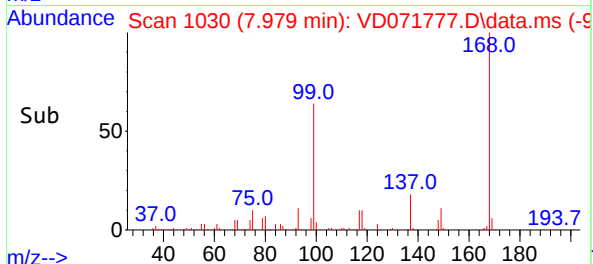
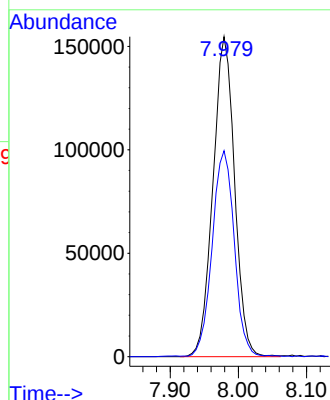
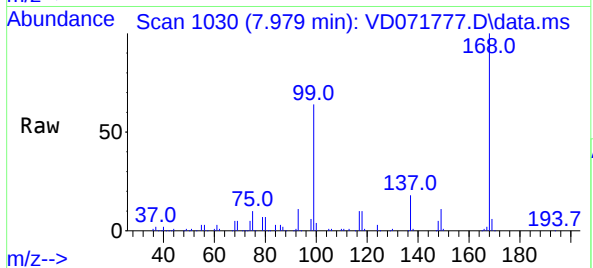




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071777.D
Acq: 24 Jan 2022 14:53

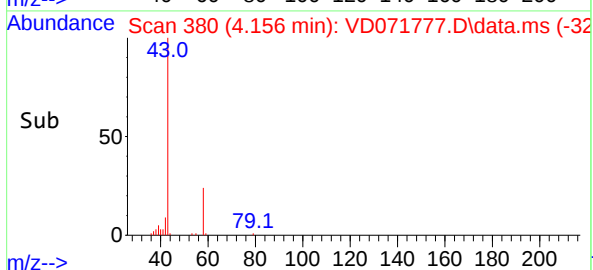
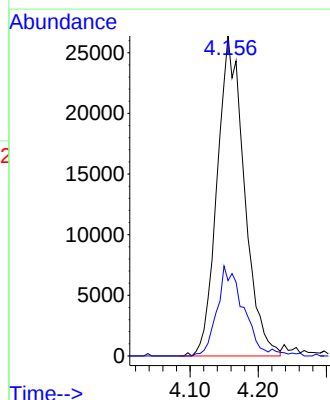
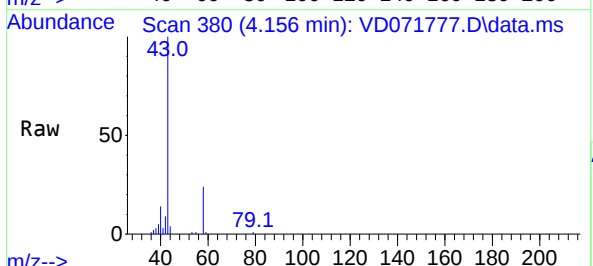
Instrument :
MSVOA_D
ClientSampleId :
AMI-1

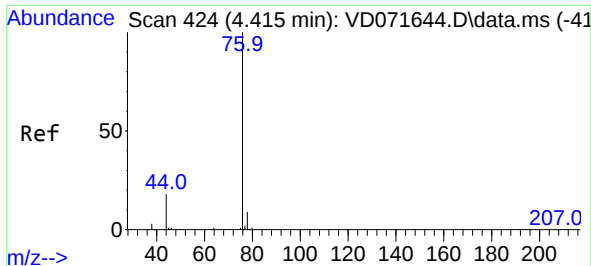
Tgt Ion:168 Resp: 342061
Ion Ratio Lower Upper
168 100
99 64.2 51.8 77.6



#16
Acetone
Concen: 71.829 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD071777.D
Acq: 24 Jan 2022 14:53

Tgt Ion: 43 Resp: 72990
Ion Ratio Lower Upper
43 100
58 23.6 21.0 31.6

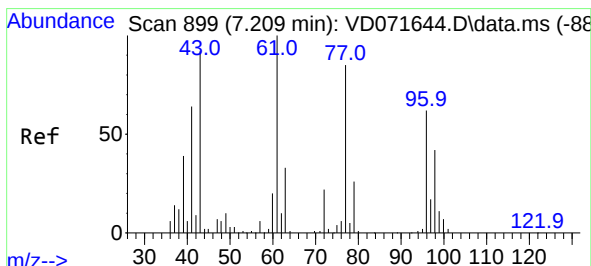
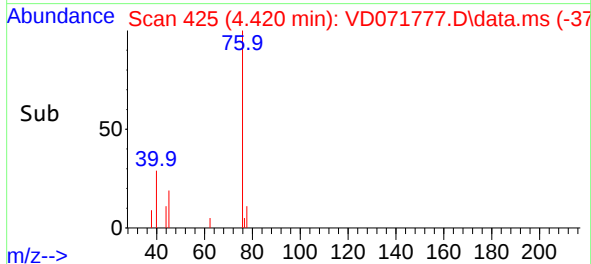
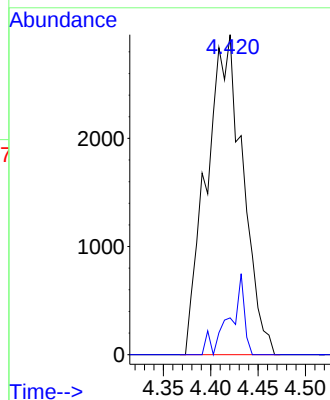
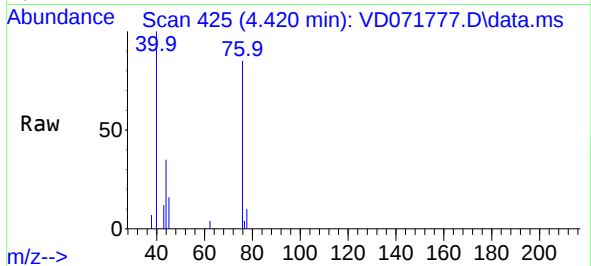




#17
Carbon Disulfide
Concen: 1.493 ug/l
RT: 4.420 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD071777.D
Acq: 24 Jan 2022 14:53

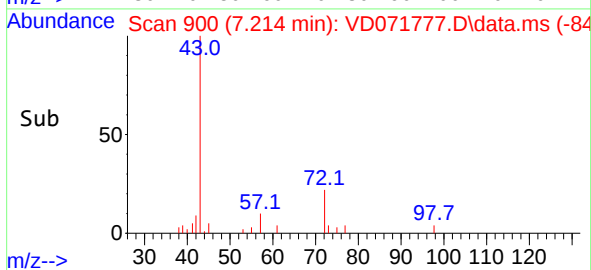
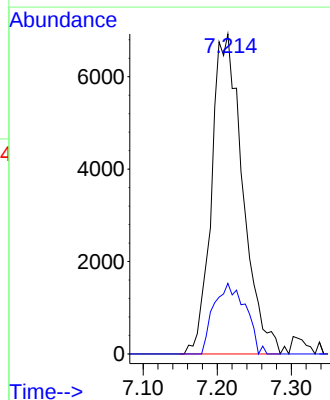
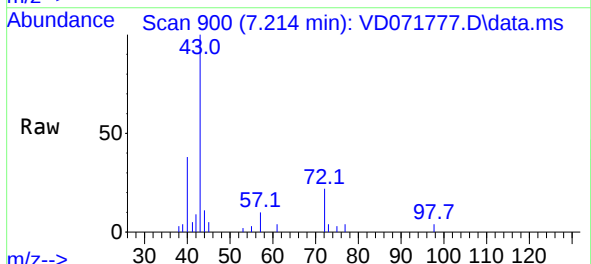
Instrument :
MSVOA_D
ClientSampleId :
AMI-1

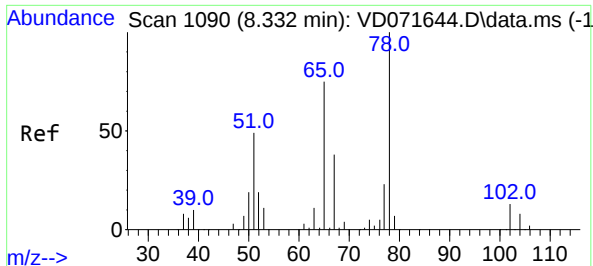
Tgt Ion: 76 Resp: 7896
Ion Ratio Lower Upper
76 100
78 11.5 7.4 11.2#



#25
2-Butanone
Concen: 16.792 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD071777.D
Acq: 24 Jan 2022 14:53

Tgt Ion: 43 Resp: 20161
Ion Ratio Lower Upper
43 100
72 22.0 16.4 24.6

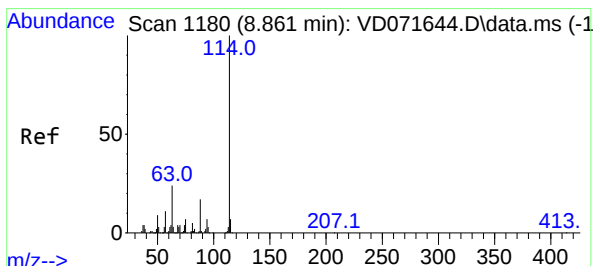
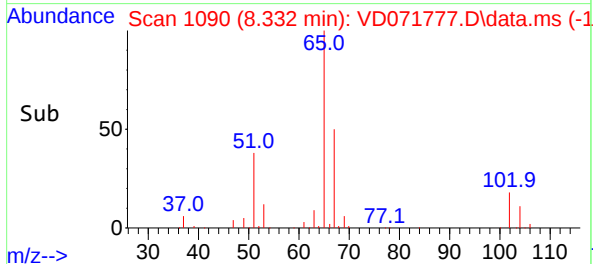
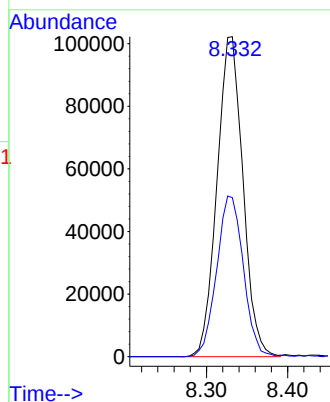
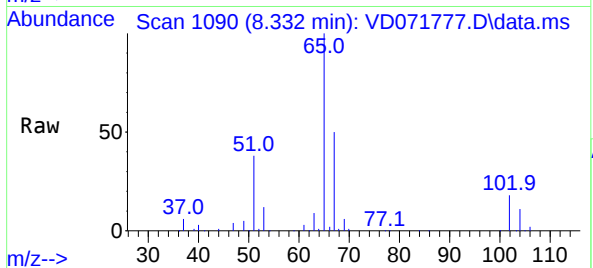




#33
1,2-Dichloroethane-d4
Concen: 51.562 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD071777.D
Acq: 24 Jan 2022 14:53

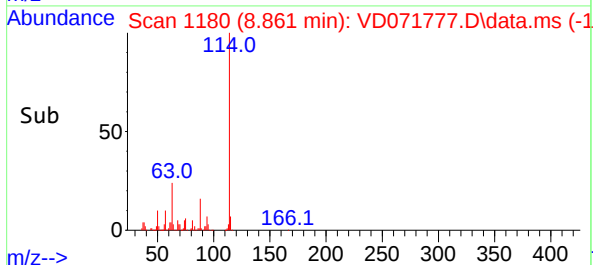
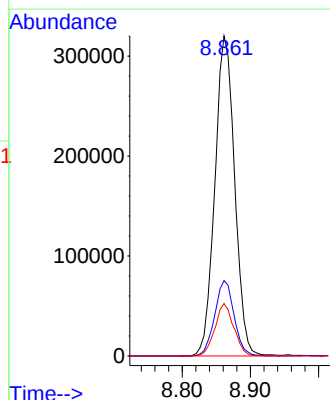
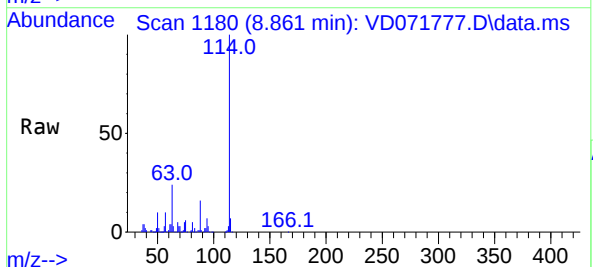
Instrument :
MSVOA_D
ClientSampleId :
AMI-1

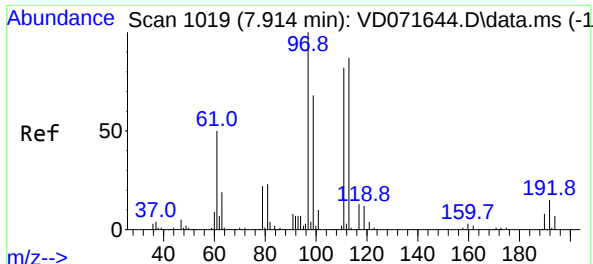
Tgt Ion: 65 Resp: 226944
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD071777.D
Acq: 24 Jan 2022 14:53

Tgt Ion: 114 Resp: 648026
Ion Ratio Lower Upper
114 100
63 23.5 0.0 46.2
88 16.4 0.0 32.0

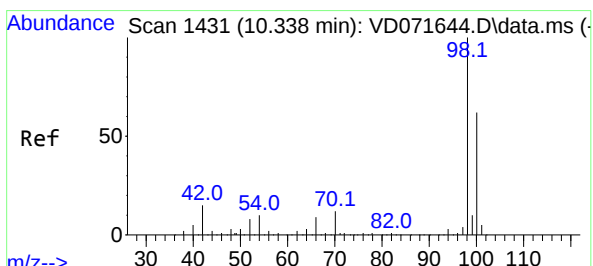
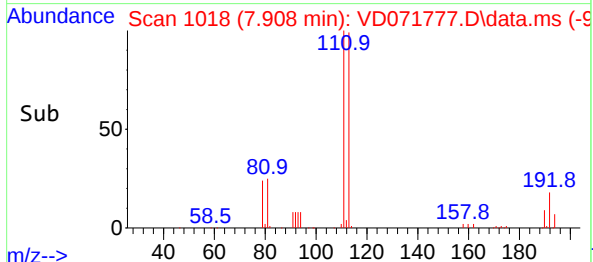
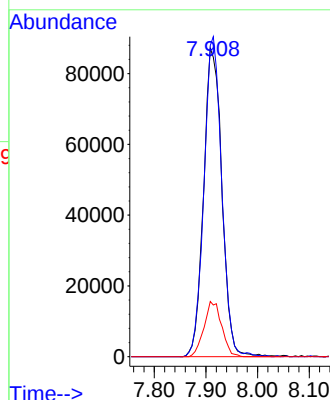
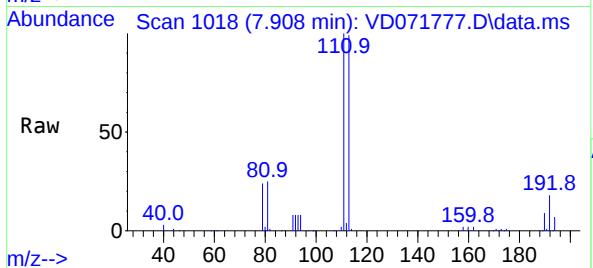




#35
Dibromofluoromethane
Concen: 50.044 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071777.D
Acq: 24 Jan 2022 14:53

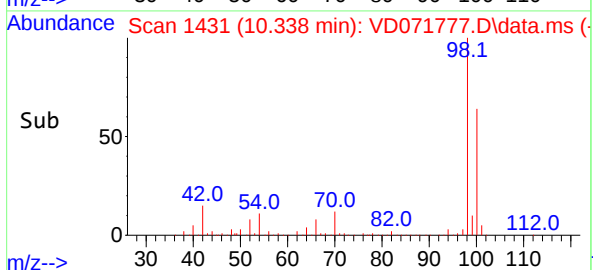
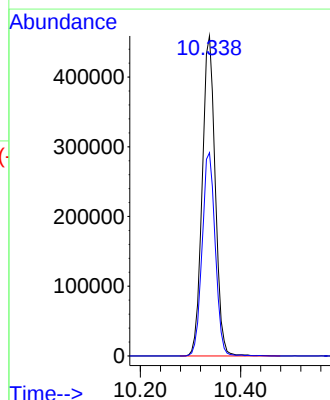
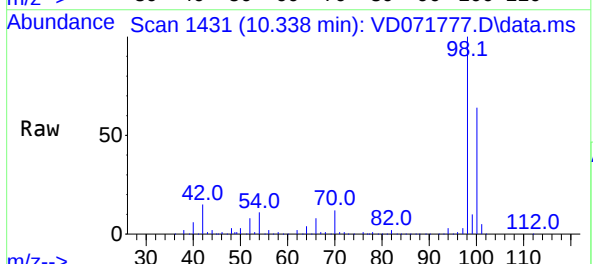
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ClientSampleId :
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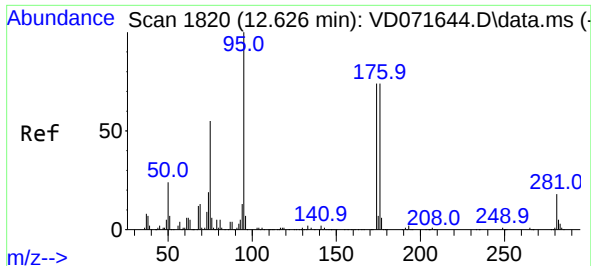
Tgt Ion:113 Resp: 214321
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.4
192 17.3 14.2 21.2



#50
Toluene-d8
Concen: 51.463 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071777.D
Acq: 24 Jan 2022 14:53

Tgt Ion: 98 Resp: 825025
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1

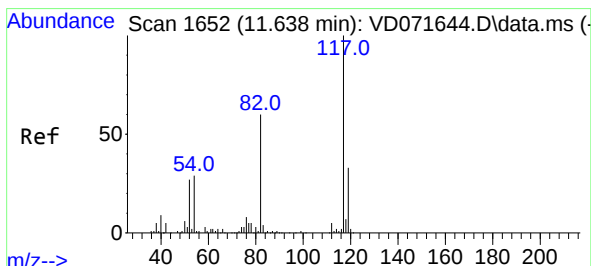
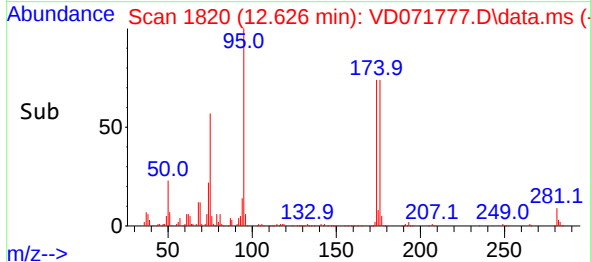
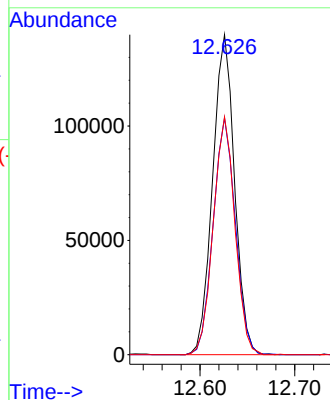
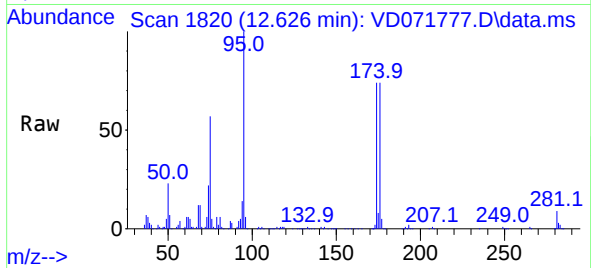




#62
4-Bromofluorobenzene
Concen: 39.822 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071777.D
Acq: 24 Jan 2022 14:53

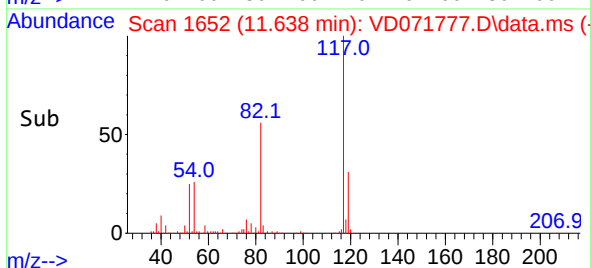
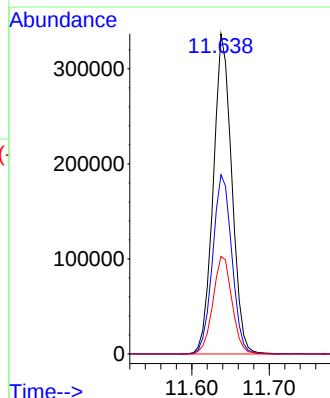
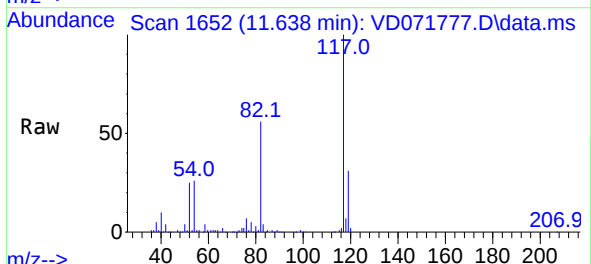
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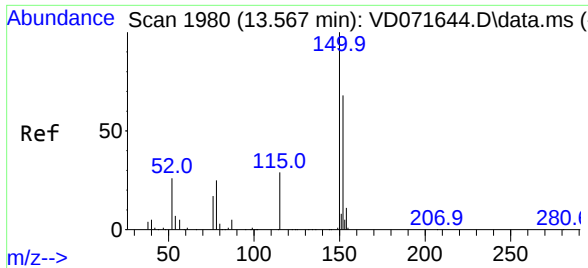
Tgt Ion: 95 Resp: 224958
Ion Ratio Lower Upper
95 100
174 75.0 0.0 150.0
176 73.6 0.0 146.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.001 min
Lab File: VD071777.D
Acq: 24 Jan 2022 14:53

Tgt Ion: 117 Resp: 559573
Ion Ratio Lower Upper
117 100
82 56.0 46.9 70.3
119 30.5 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071777.D
 Acq: 24 Jan 2022 14:53

Instrument :
 MSVOA_D
 ClientSampleId :
 AMI-1

Tgt Ion:	152	Resp:	199380
Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.5	94.5
150	156.9	0.0	348.0

