

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
 Data File : VD069990.D
 Acq On : 04 Aug 2021 17:09
 Operator : VA/SY
 Sample : M3279-08
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210580-COM-3

Quant Time: Aug 05 03:12:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

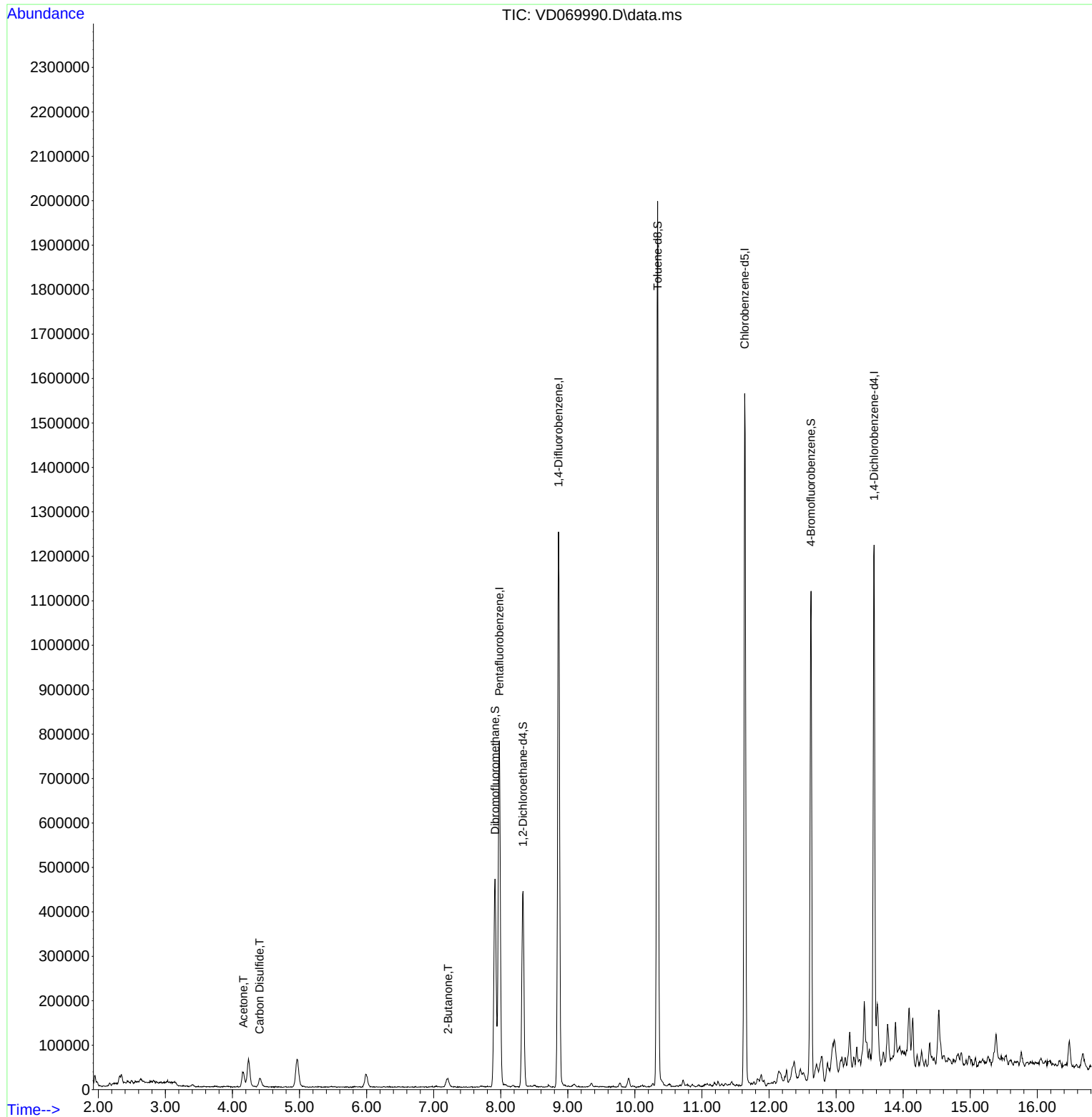
Internal Standards						
1) Pentafluorobenzene	7.979	168	547437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1060681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	914110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	309985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	351810	55.878	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.760%
35) Dibromofluoromethane	7.914	113	349158	52.218	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.440%
50) Toluene-d8	10.338	98	1339783	51.964	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.920%
62) 4-Bromofluorobenzene	12.626	95	374182	43.425	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.860%
Target Compounds						
						Qvalue
16) Acetone	4.162	43	60762	53.424	ug/l	91
17) Carbon Disulfide	4.403	76	39623	1.769	ug/l	99
25) 2-Butanone	7.214	43	19470	12.623	ug/l	94

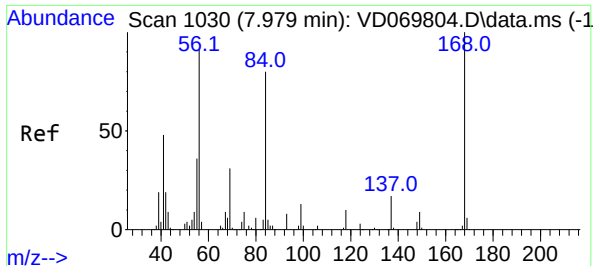
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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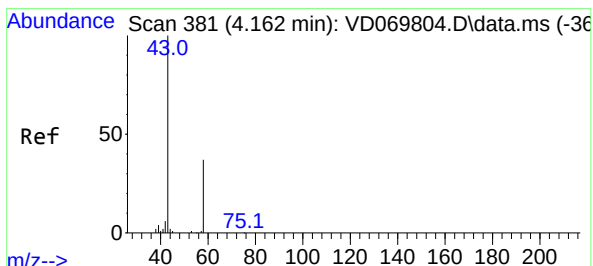
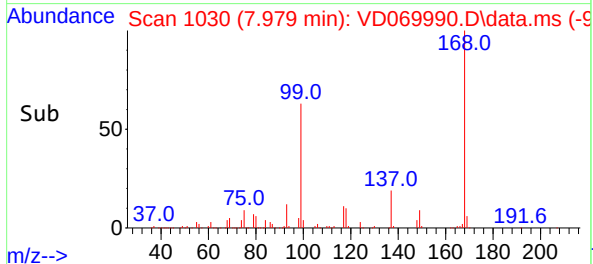
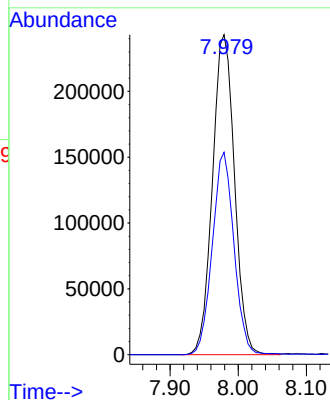
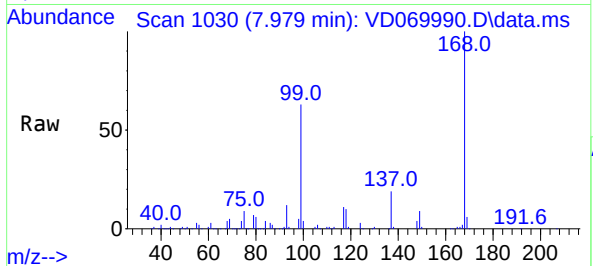




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069990.D
Acq: 04 Aug 2021 17:09

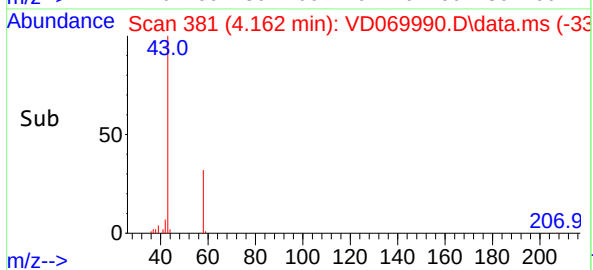
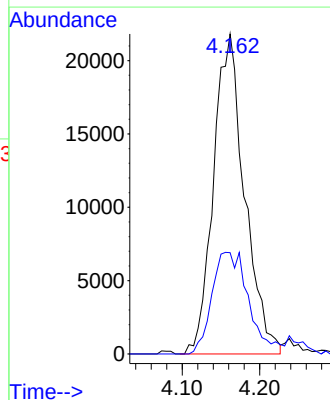
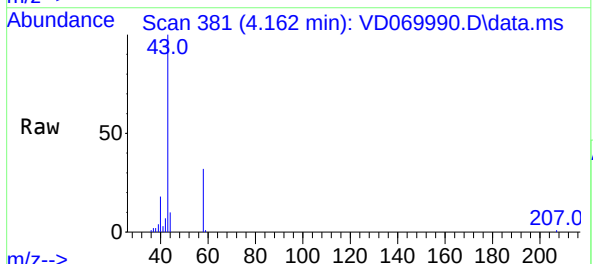
Instrument :
MSVOA_D
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20210580-COM-3

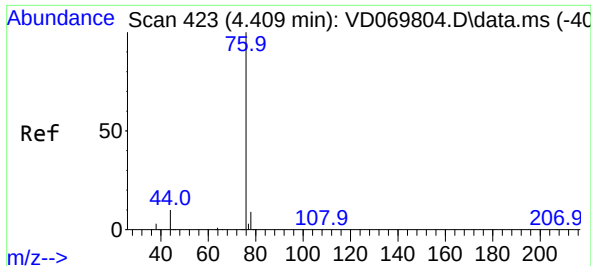
Tgt Ion:168 Resp: 547437
Ion Ratio Lower Upper
168 100
99 63.3 51.1 76.7



#16
Acetone
Concen: 53.424 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069990.D
Acq: 04 Aug 2021 17:09

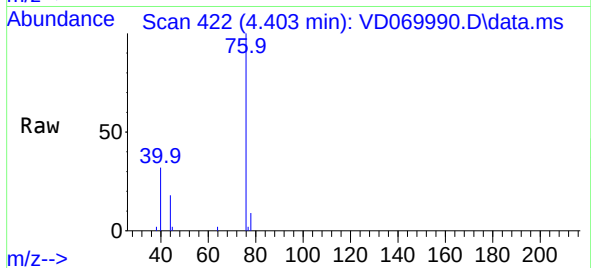
Tgt Ion: 43 Resp: 60762
Ion Ratio Lower Upper
43 100
58 31.7 29.4 44.0



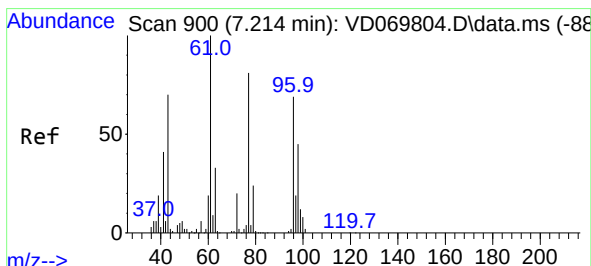
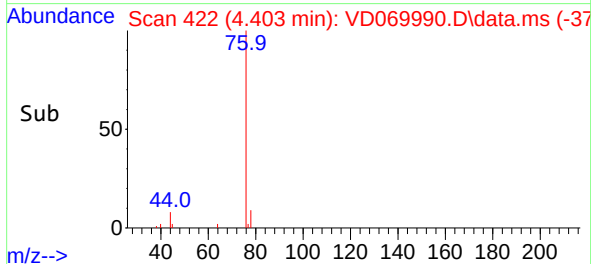
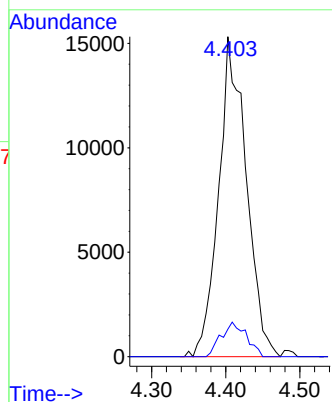


#17
Carbon Disulfide
Concen: 1.769 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069990.D
Acq: 04 Aug 2021 17:09

Instrument :
MSVOA_D
ClientSampleId :
20210580-COM-3

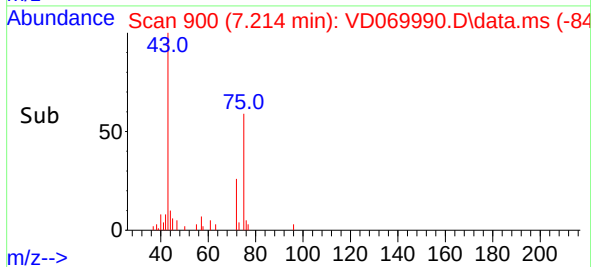
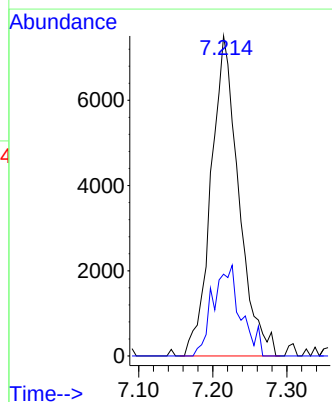
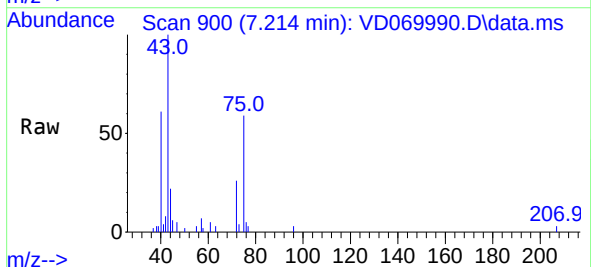


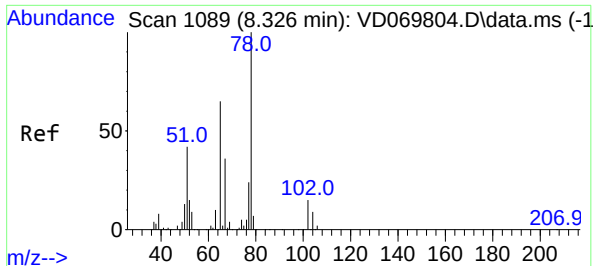
Tgt Ion: 76 Resp: 39623
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#25
2-Butanone
Concen: 12.623 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069990.D
Acq: 04 Aug 2021 17:09

Tgt Ion: 43 Resp: 19470
Ion Ratio Lower Upper
43 100
72 25.5 22.8 34.2

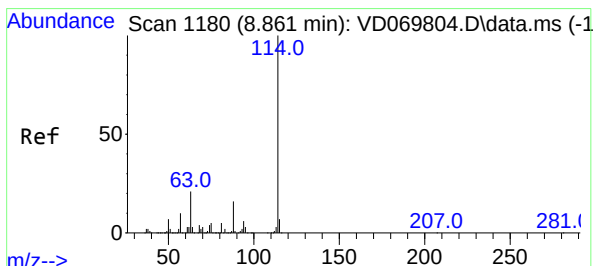
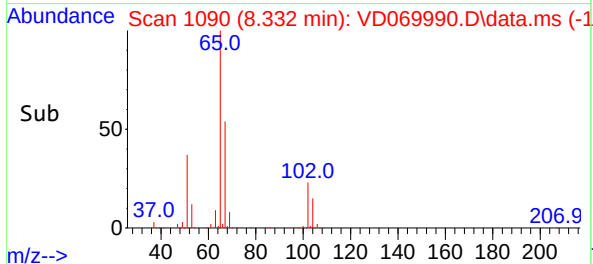
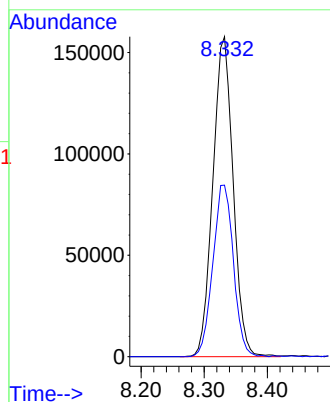
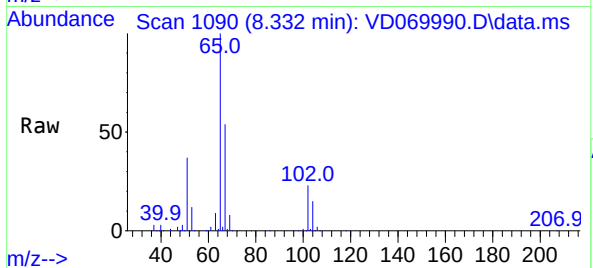




#33
1,2-Dichloroethane-d4
Concen: 55.878 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069990.D
Acq: 04 Aug 2021 17:09

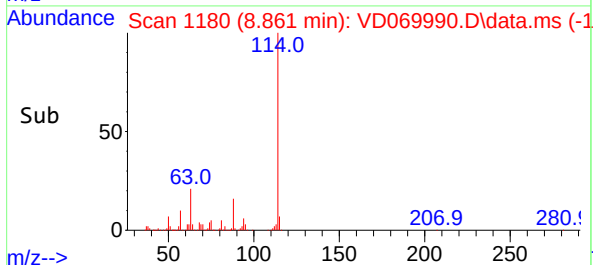
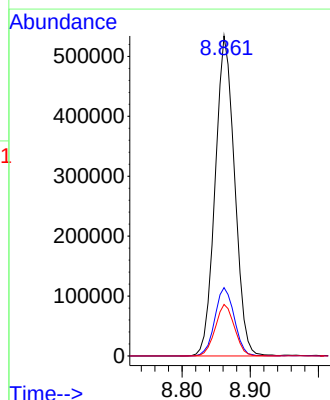
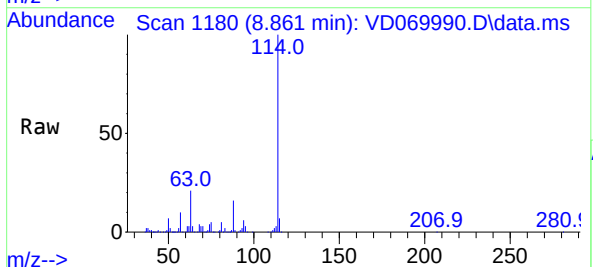
Instrument :
MSVOA_D
ClientSampleId :
20210580-COM-3

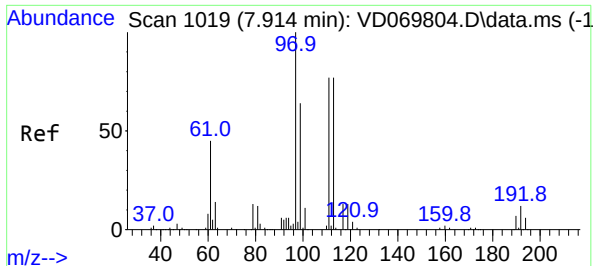
Tgt Ion: 65 Resp: 351810
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069990.D
Acq: 04 Aug 2021 17:09

Tgt Ion: 114 Resp: 1060681
Ion Ratio Lower Upper
114 100
63 21.4 0.0 41.6
88 16.1 0.0 31.4



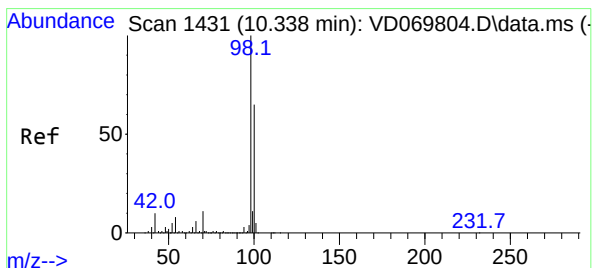
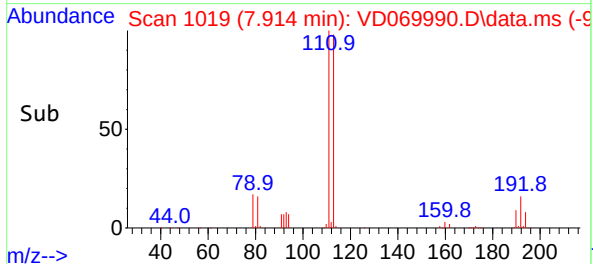
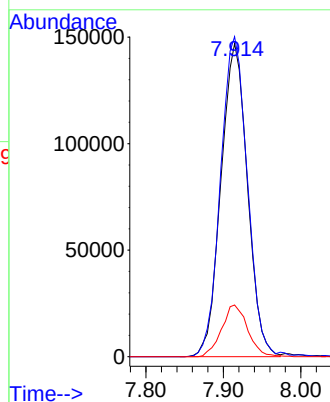
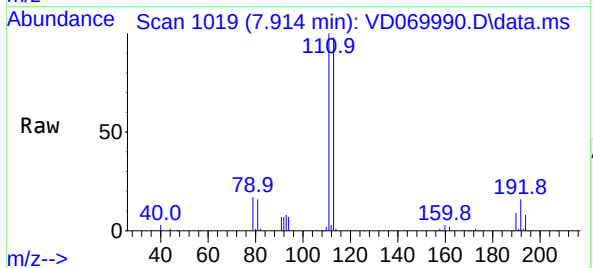


#35

Dibromofluoromethane
Concen: 52.218 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069990.D
Acq: 04 Aug 2021 17:09

Instrument :
MSVOA_D
ClientSampleId :
20210580-COM-3

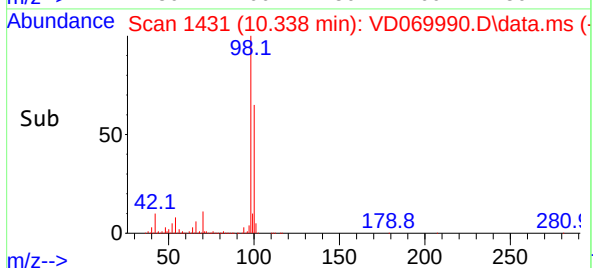
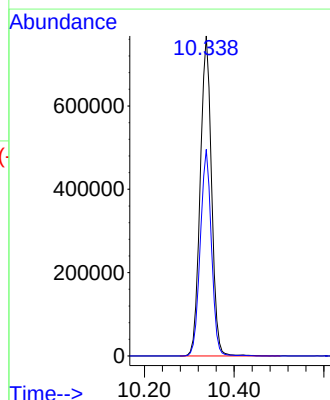
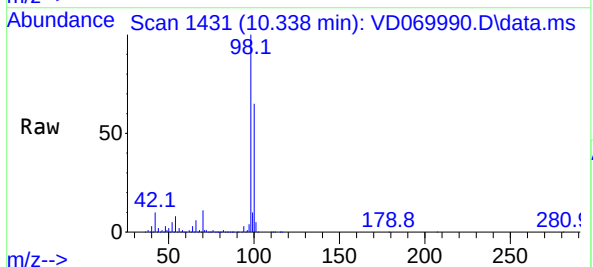
Tgt Ion:113 Resp: 349158
Ion Ratio Lower Upper
113 100
111 103.7 80.5 120.7
192 16.3 12.6 19.0

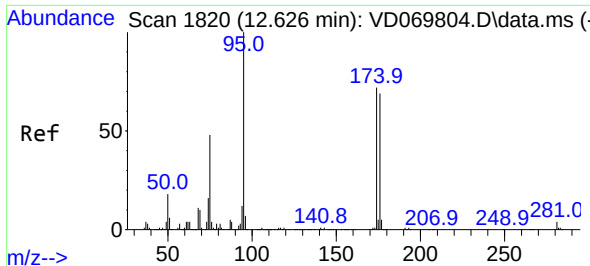


#50

Toluene-d8
Concen: 51.964 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069990.D
Acq: 04 Aug 2021 17:09

Tgt Ion: 98 Resp: 1339783
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9

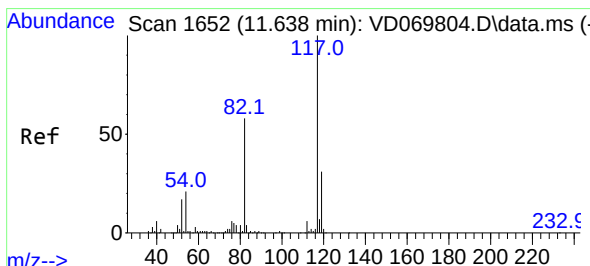
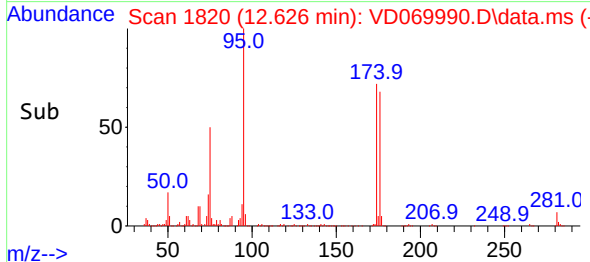
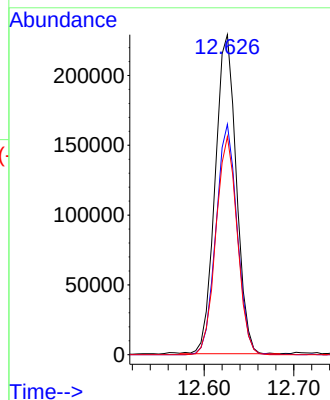
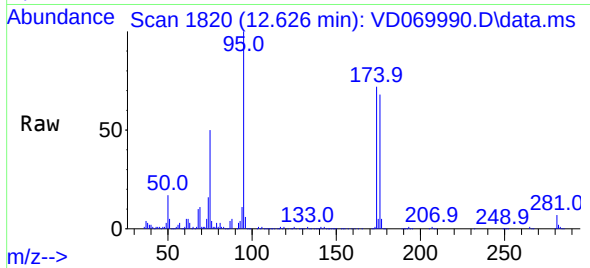




#62
4-Bromofluorobenzene
Concen: 43.425 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069990.D
Acq: 04 Aug 2021 17:09

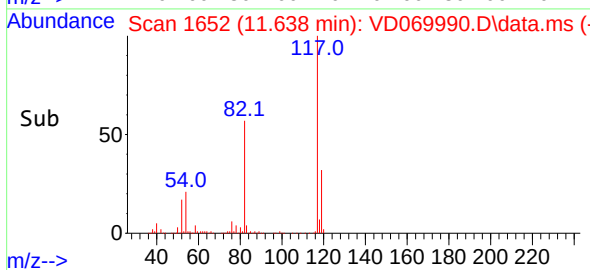
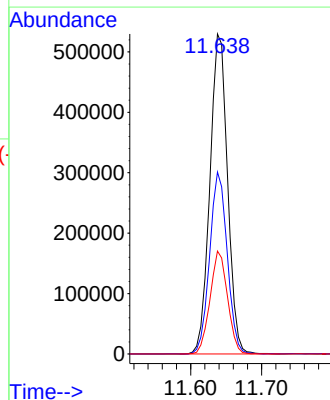
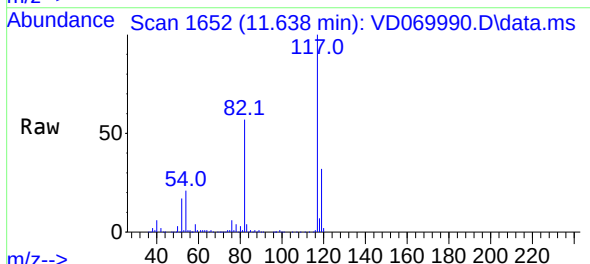
Instrument :
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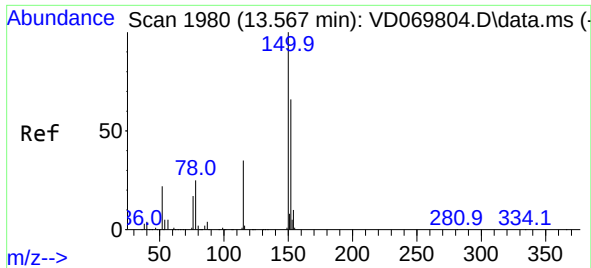
Tgt Ion: 95 Resp: 374182
Ion Ratio Lower Upper
95 100
174 72.3 0.0 142.6
176 68.7 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069990.D
Acq: 04 Aug 2021 17:09

Tgt Ion: 117 Resp: 914110
Ion Ratio Lower Upper
117 100
82 56.9 46.3 69.5
119 32.2 24.7 37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069990.D
 Acq: 04 Aug 2021 17:09

Instrument :
 MSVOA_D
 ClientSampleId :
 20210580-COM-3

Tgt Ion:152 Resp: 309985

Ion	Ratio	Lower	Upper
152	100		
115	63.3	31.1	93.3
150	156.7	0.0	343.0

