

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069907.D
 Acq On : 29 Jul 2021 13:09
 Operator : VA/SY
 Sample : M3216-01RE
 Misc : 13.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210460-46RE

Quant Time: Jul 30 00:54:39 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)

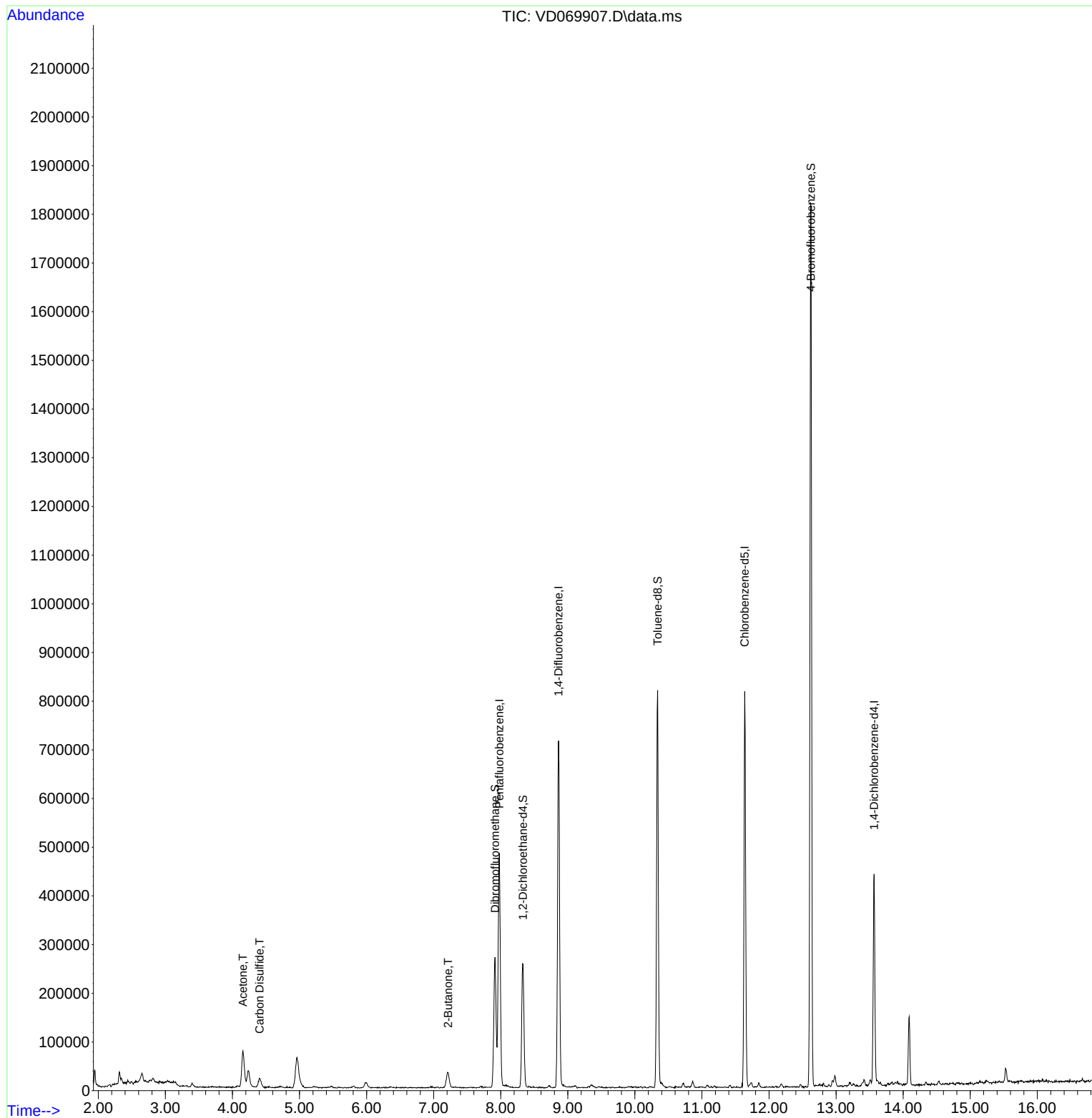
Internal Standards						
1) Pentafluorobenzene	7.979	168	335574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	622064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	470459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	119238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	208726	54.082	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 108.160%		
35) Dibromofluoromethane	7.914	113	196424	50.089	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 100.180%		
50) Toluene-d8	10.338	98	568343	37.586	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 75.180%		
62) 4-Bromofluorobenzene	12.626	95	152811	30.239	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 60.480%		
Target Compounds						Qvalue
16) Acetone	4.156	43	130788	187.594	ug/l	96
17) Carbon Disulfide	4.403	76	40702	2.965	ug/l	99
25) 2-Butanone	7.215	43	40940	43.301	ug/l	94

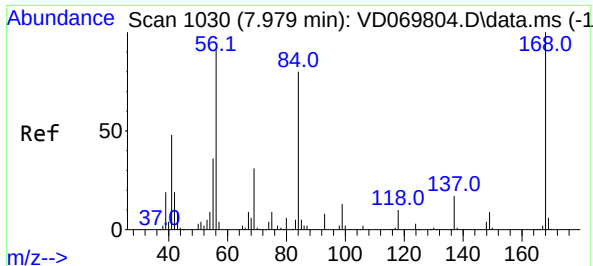
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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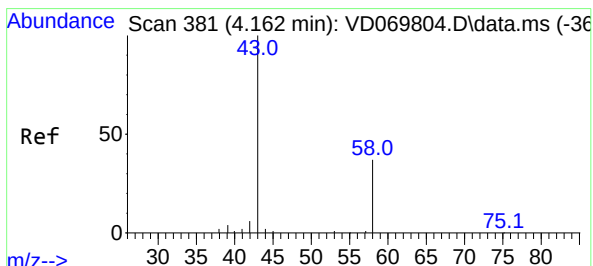
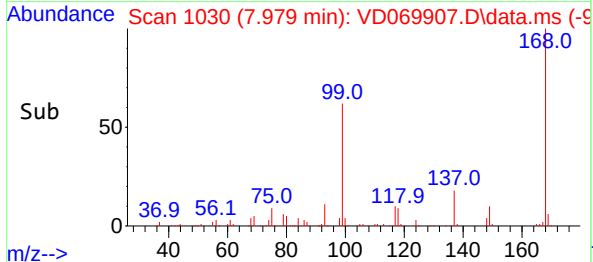
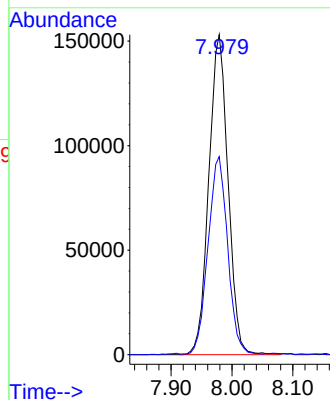
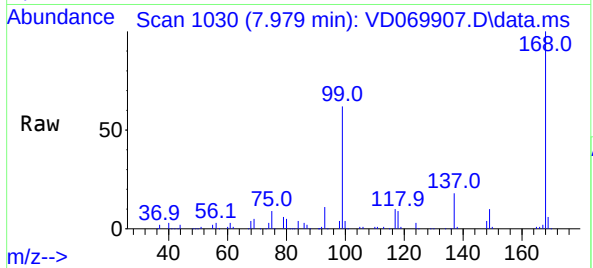




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069907.D
Acq: 29 Jul 2021 13:09

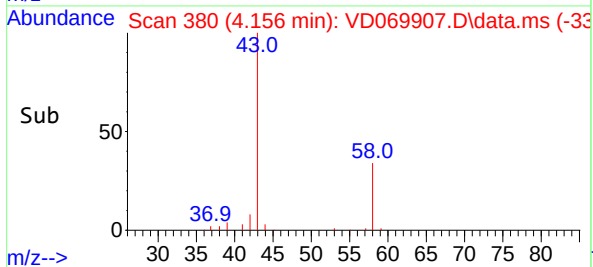
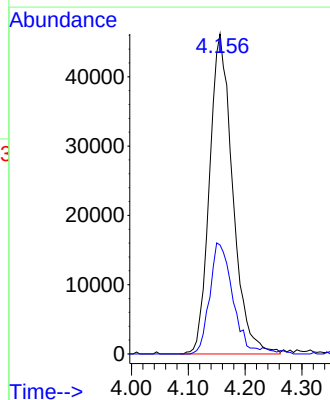
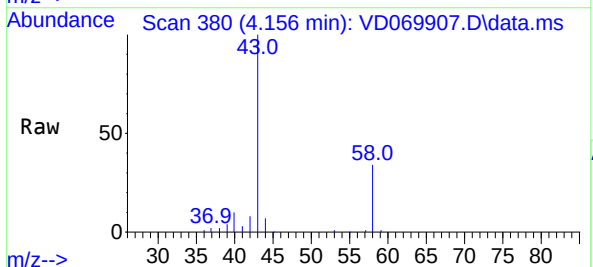
Instrument :
MSVOA_D
ClientSampleId :
20210460-46RE

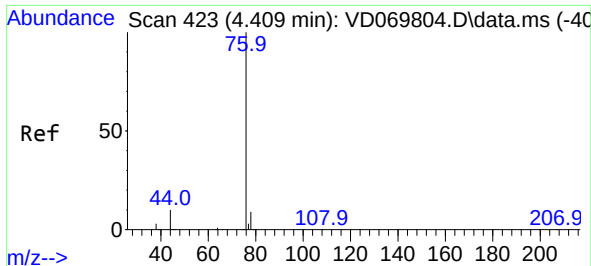
Tgt Ion:168 Resp: 335574
Ion Ratio Lower Upper
168 100
99 61.7 51.1 76.7



#16
Acetone
Concen: 187.594 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069907.D
Acq: 29 Jul 2021 13:09

Tgt Ion: 43 Resp: 130788
Ion Ratio Lower Upper
43 100
58 34.1 29.4 44.0

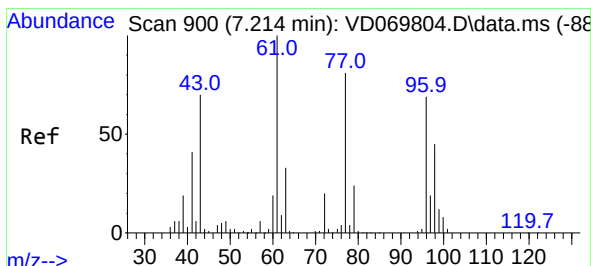
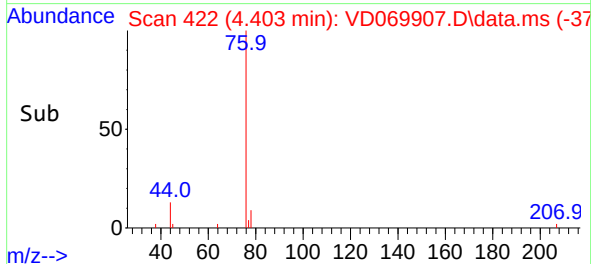
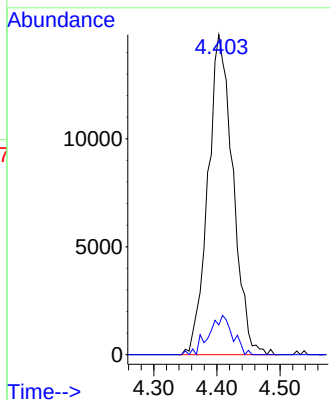
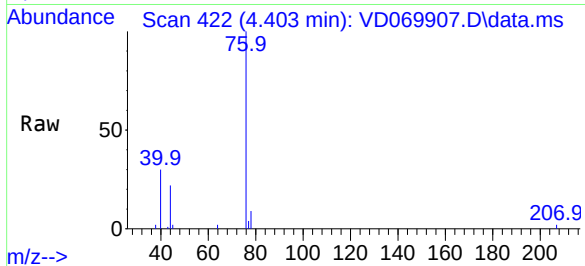




#17
Carbon Disulfide
Concen: 2.965 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069907.D
Acq: 29 Jul 2021 13:09

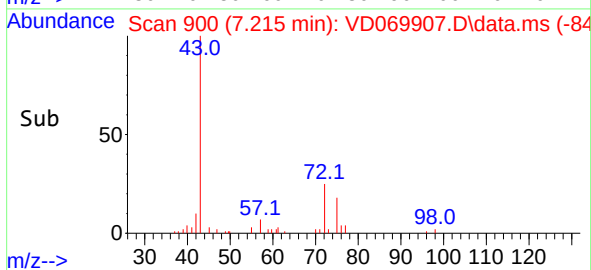
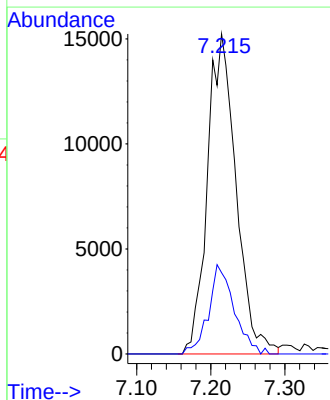
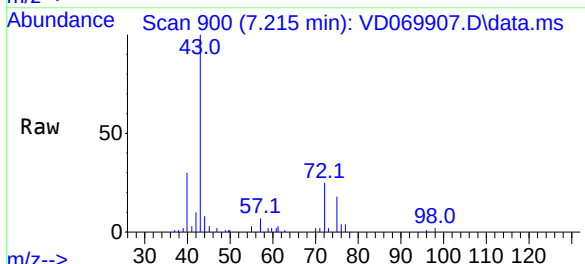
Instrument :
MSVOA_D
ClientSampleId :
20210460-46RE

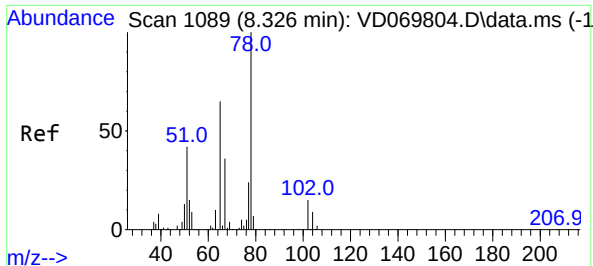
Tgt Ion: 76 Resp: 40702
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#25
2-Butanone
Concen: 43.301 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069907.D
Acq: 29 Jul 2021 13:09

Tgt Ion: 43 Resp: 40940
Ion Ratio Lower Upper
43 100
72 25.4 22.8 34.2



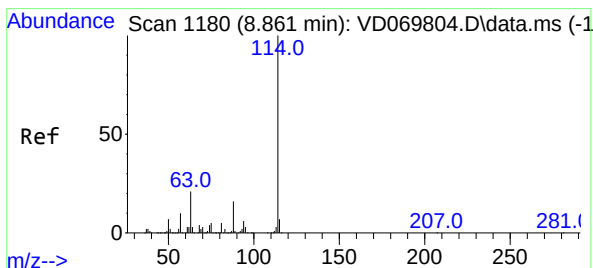
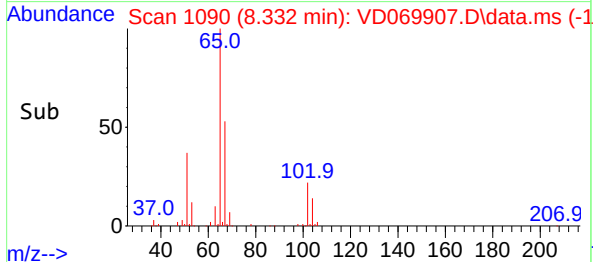
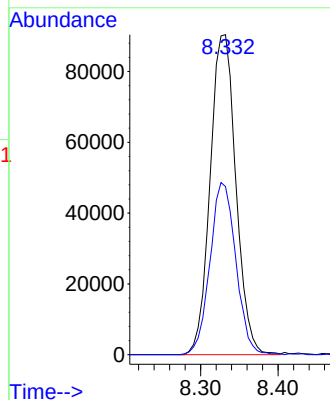
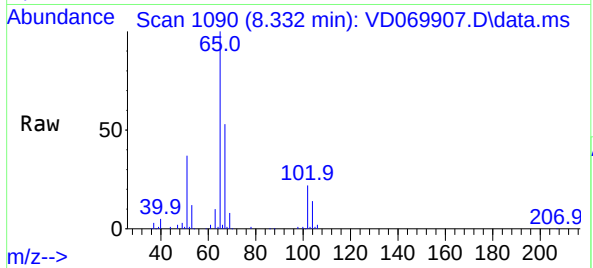


#33

1,2-Dichloroethane-d4
Concen: 54.082 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069907.D
Acq: 29 Jul 2021 13:09

Instrument :
MSVOA_D
ClientSampleId :
20210460-46RE

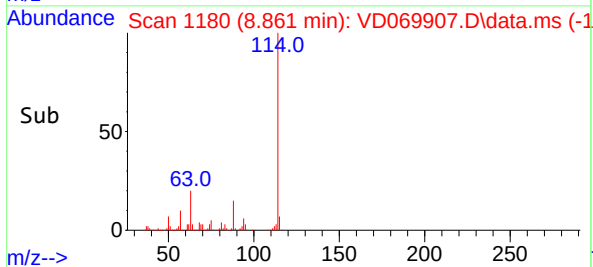
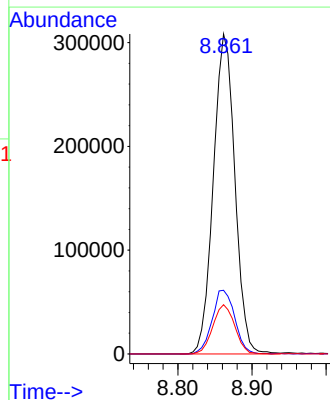
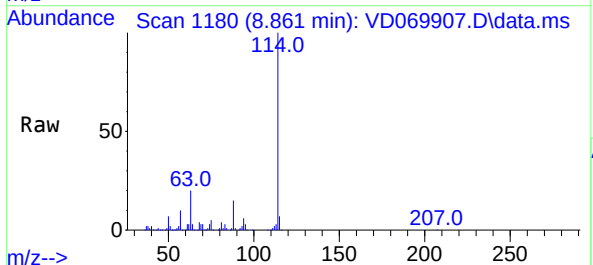
Tgt Ion: 65 Resp: 208726
Ion Ratio Lower Upper
65 100
67 54.1 0.0 111.2

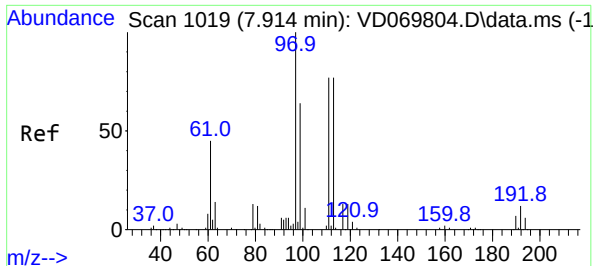


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069907.D
Acq: 29 Jul 2021 13:09

Tgt Ion: 114 Resp: 622064
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.6
88 15.4 0.0 31.4

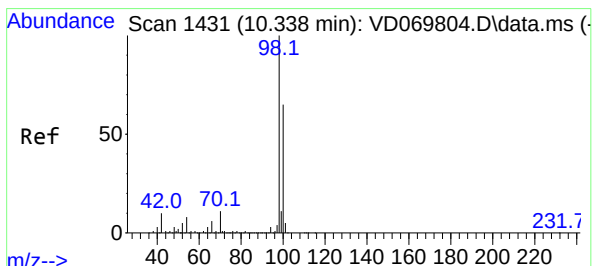
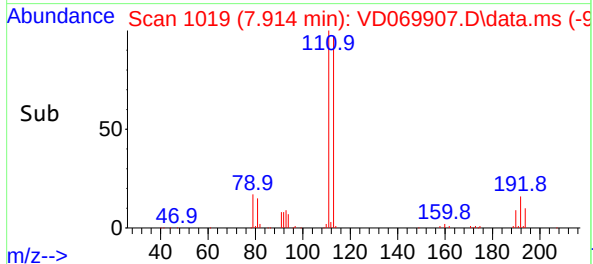
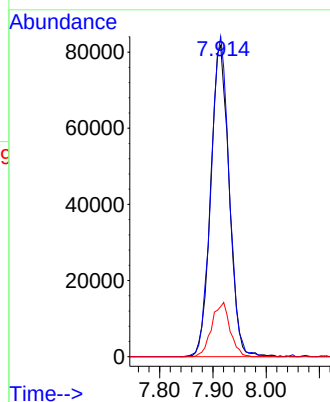
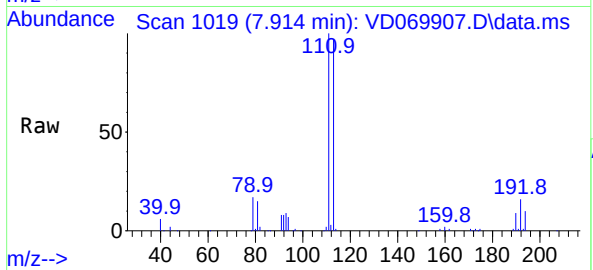




#35
Dibromofluoromethane
Concen: 50.089 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069907.D
Acq: 29 Jul 2021 13:09

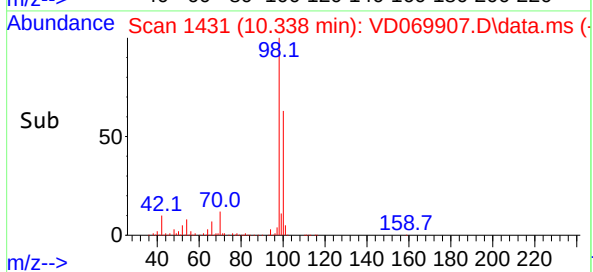
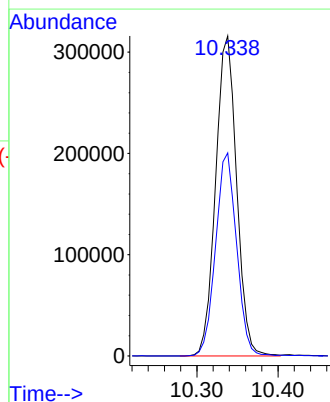
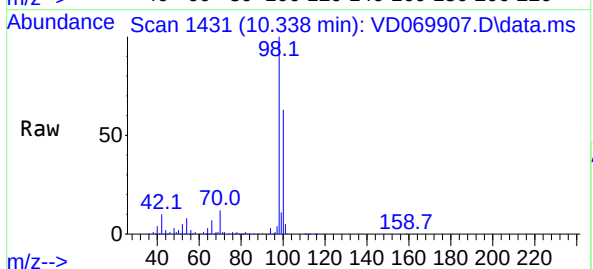
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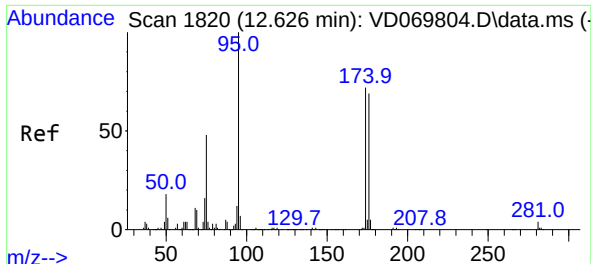
Tgt Ion:113 Resp: 196424
Ion Ratio Lower Upper
113 100
111 101.9 80.5 120.7
192 17.3 12.6 19.0



#50
Toluene-d8
Concen: 37.586 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069907.D
Acq: 29 Jul 2021 13:09

Tgt Ion: 98 Resp: 568343
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9

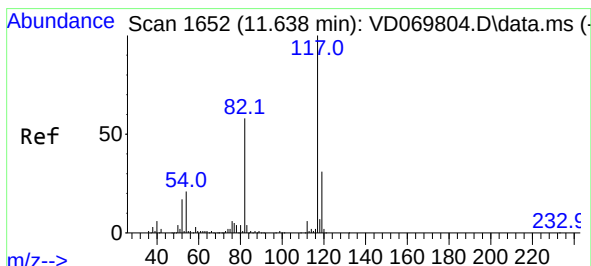
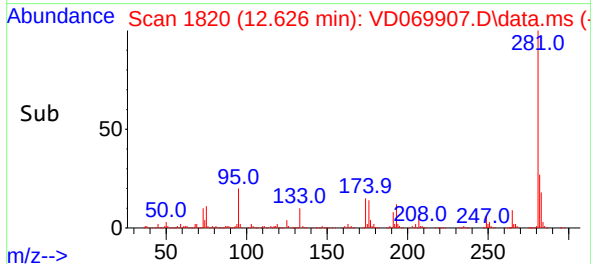
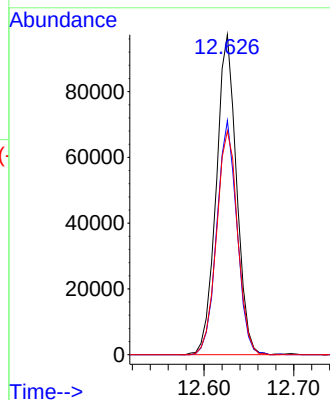
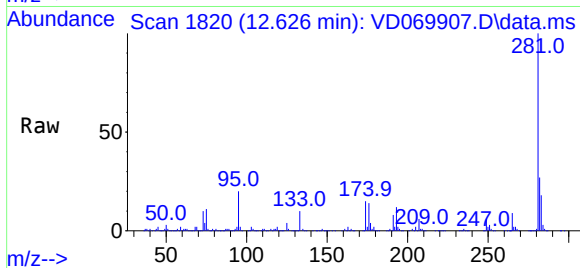




#62
4-Bromofluorobenzene
Concen: 30.239 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069907.D
Acq: 29 Jul 2021 13:09

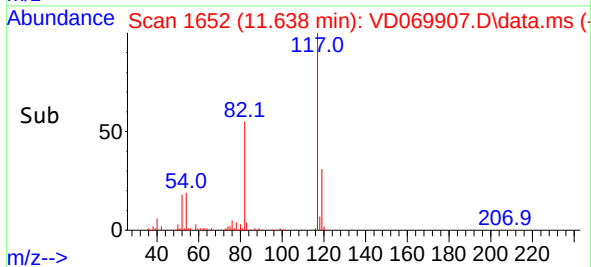
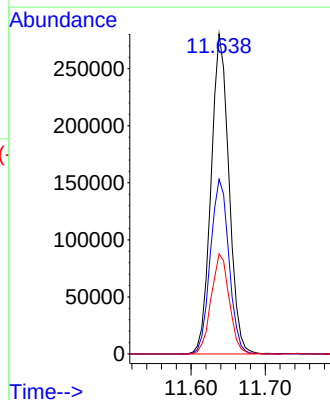
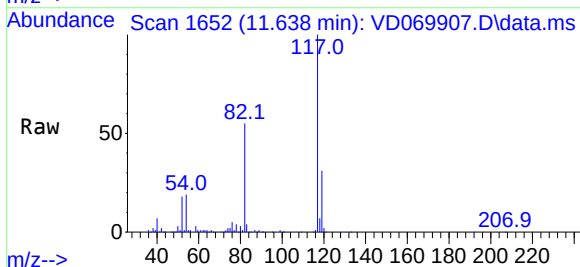
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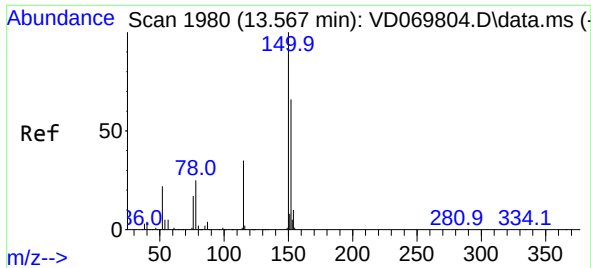
Tgt Ion:	95	Resp:	152811
Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	142.6
176	72.6	0.0	134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069907.D
Acq: 29 Jul 2021 13:09

Tgt Ion:	117	Resp:	470459
Ion	Ratio	Lower	Upper
117	100		
82	54.6	46.3	69.5
119	31.3	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: VD069907.D
 Acq: 29 Jul 2021 13:09

Instrument :
 MSVOA_D
 ClientSampleId :
 20210460-46RE

Tgt Ion:152 Resp: 119238
 Ion Ratio Lower Upper
 152 100
 115 60.6 31.1 93.3
 150 156.0 0.0 343.0

