

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
 Data File : VD069988.D
 Acq On : 04 Aug 2021 16:12
 Operator : VA/SY
 Sample : M3279-14
 Misc : 7.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210471-57

Quant Time: Aug 05 03:11:52 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)

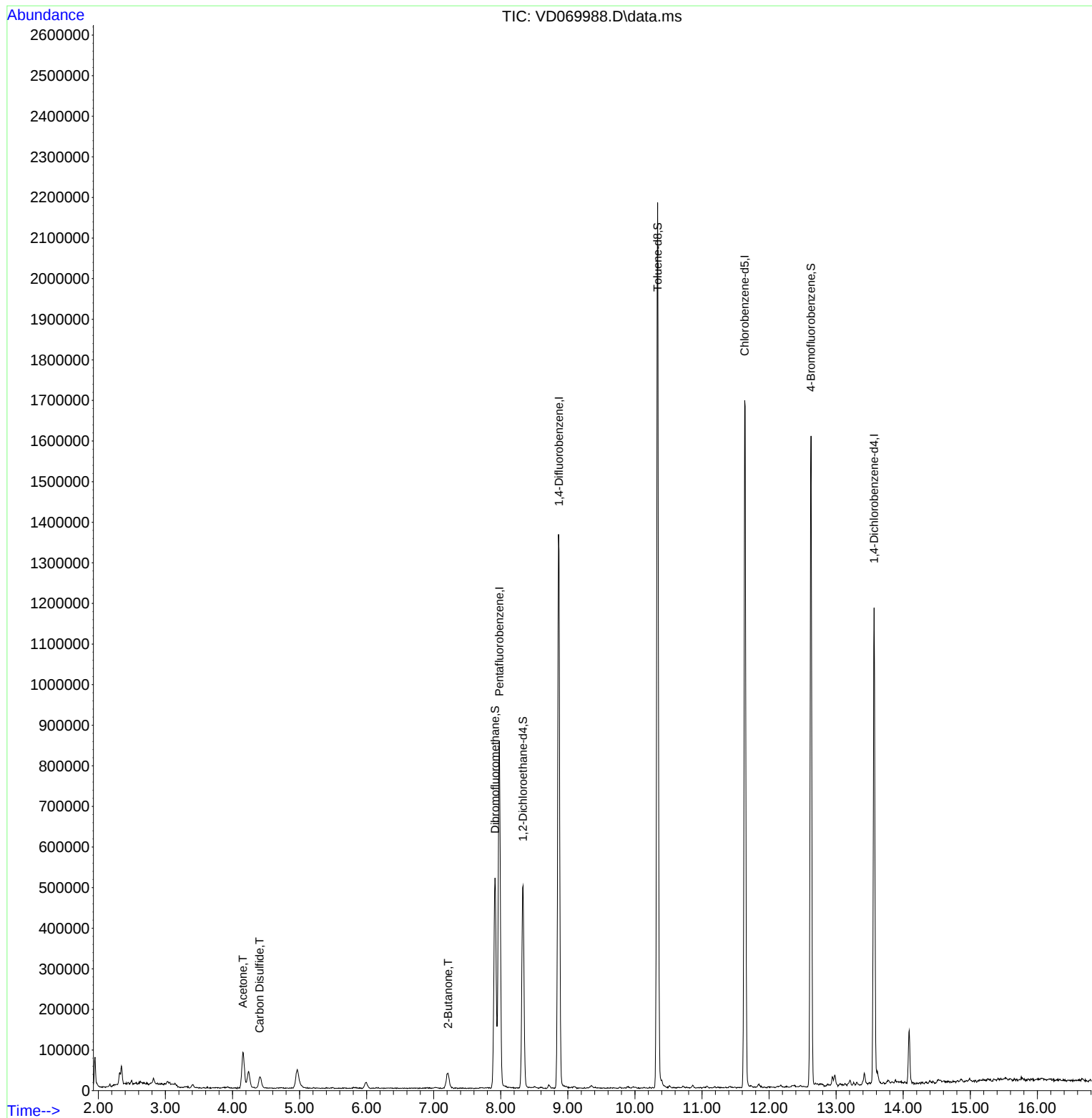
Internal Standards						
1) Pentafluorobenzene	7.979	168	607073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1181077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1011225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	312295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	397247	56.897	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.800%			
35) Dibromofluoromethane	7.914	113	389408	52.301	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.600%			
50) Toluene-d8	10.338	98	1482059	51.623	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.240%			
62) 4-Bromofluorobenzene	12.626	95	406063	42.321	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.640%			
Target Compounds					Qvalue	
16) Acetone	4.156	43	149975	118.910	ug/l	98
17) Carbon Disulfide	4.403	76	59980	2.415	ug/l	100
25) 2-Butanone	7.214	43	48204	28.183	ug/l	97

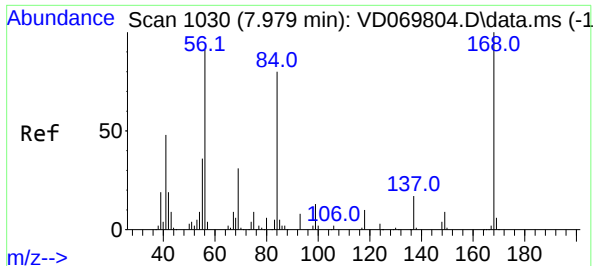
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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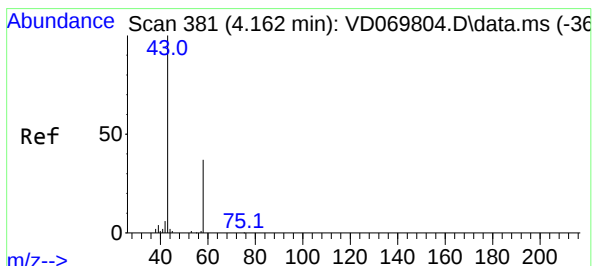
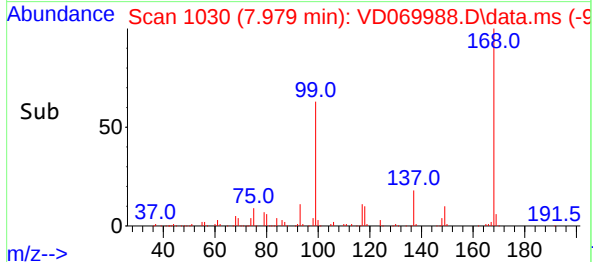
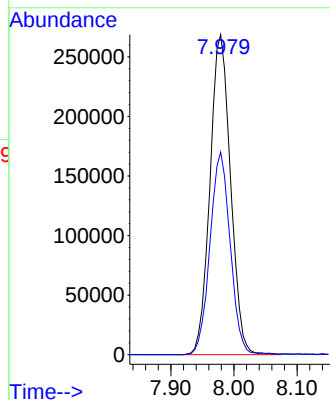
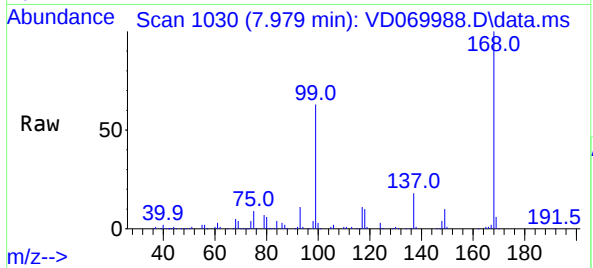




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069988.D
Acq: 04 Aug 2021 16:12

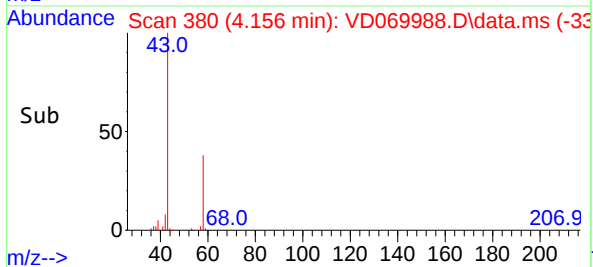
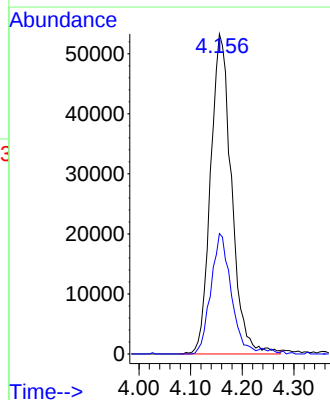
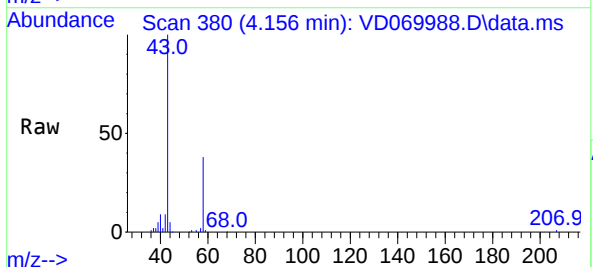
Instrument :
MSVOA_D
ClientSampleId :
20210471-57

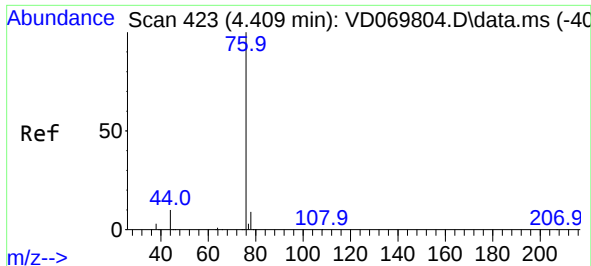
Tgt Ion:168 Resp: 607073
Ion Ratio Lower Upper
168 100
99 63.3 51.1 76.7



#16
Acetone
Concen: 118.910 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069988.D
Acq: 04 Aug 2021 16:12

Tgt Ion: 43 Resp: 149975
Ion Ratio Lower Upper
43 100
58 37.6 29.4 44.0

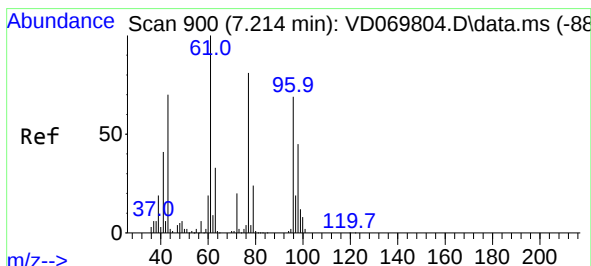
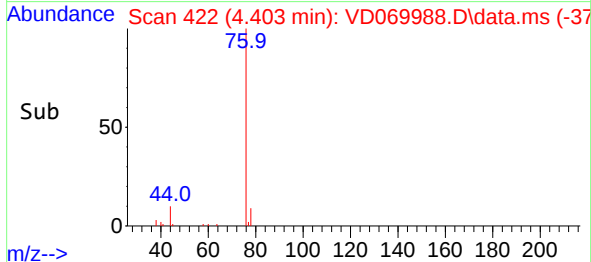
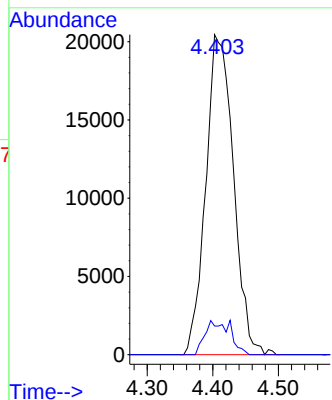
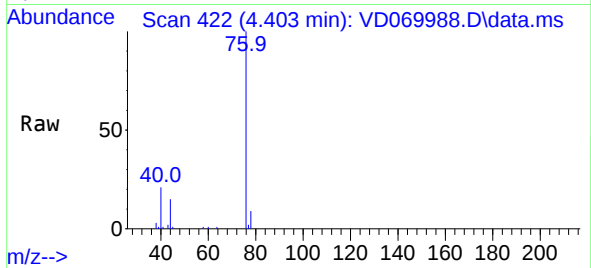




#17
Carbon Disulfide
Concen: 2.415 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069988.D
Acq: 04 Aug 2021 16:12

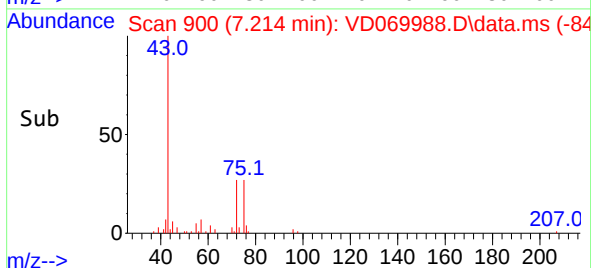
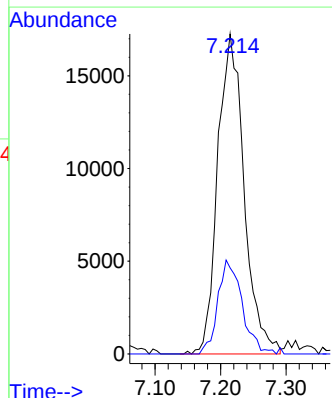
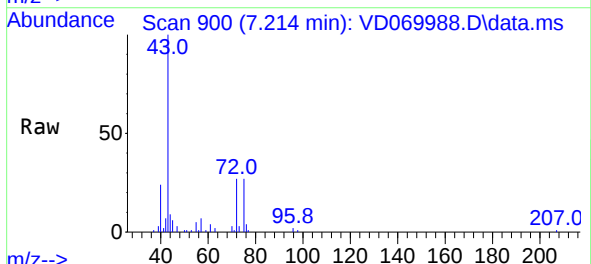
Instrument :
MSVOA_D
ClientSampleId :
20210471-57

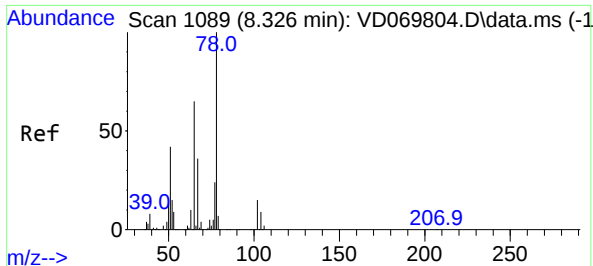
Tgt Ion: 76 Resp: 59980
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#25
2-Butanone
Concen: 28.183 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069988.D
Acq: 04 Aug 2021 16:12

Tgt Ion: 43 Resp: 48204
Ion Ratio Lower Upper
43 100
72 26.9 22.8 34.2

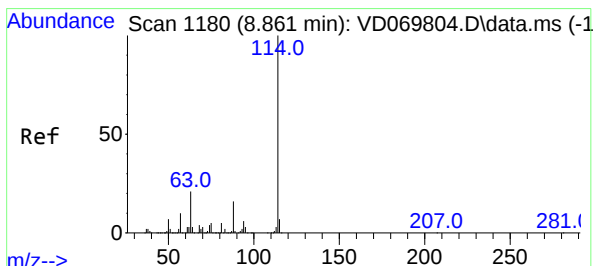
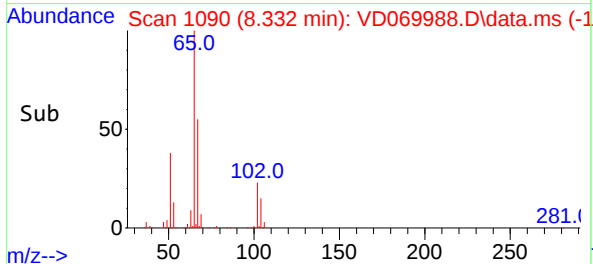
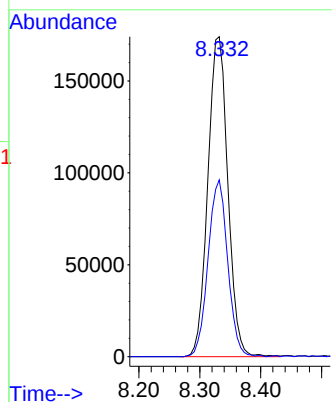
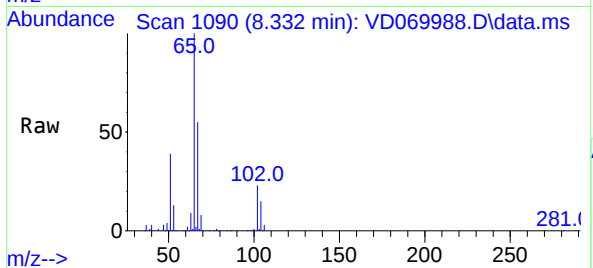




#33
1,2-Dichloroethane-d4
Concen: 56.897 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069988.D
Acq: 04 Aug 2021 16:12

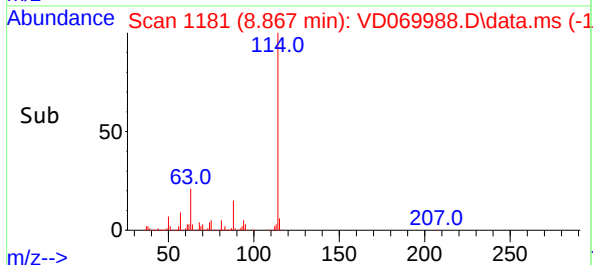
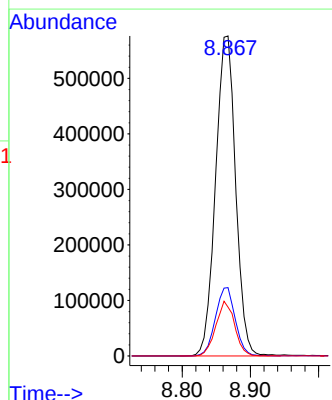
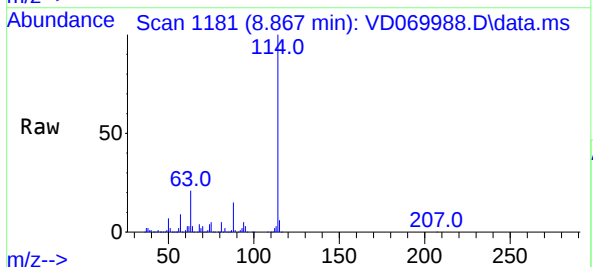
Instrument :
MSVOA_D
ClientSampleId :
20210471-57

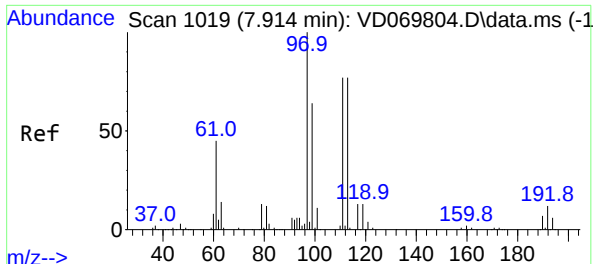
Tgt Ion: 65 Resp: 397247
Ion Ratio Lower Upper
65 100
67 54.3 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069988.D
Acq: 04 Aug 2021 16:12

Tgt Ion:114 Resp: 1181077
Ion Ratio Lower Upper
114 100
63 21.3 0.0 41.6
88 15.3 0.0 31.4

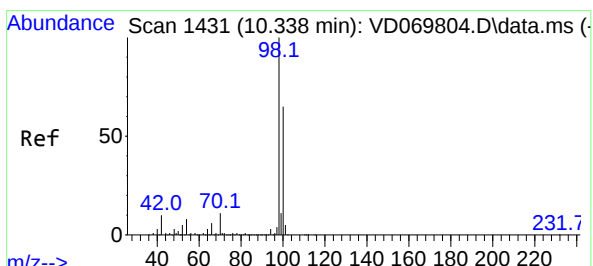
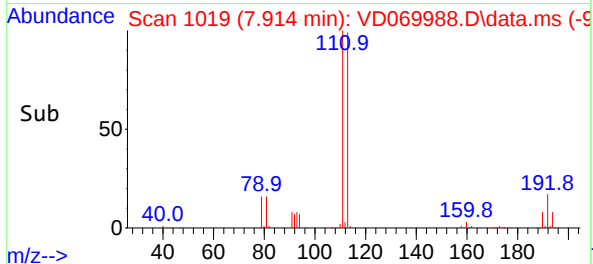
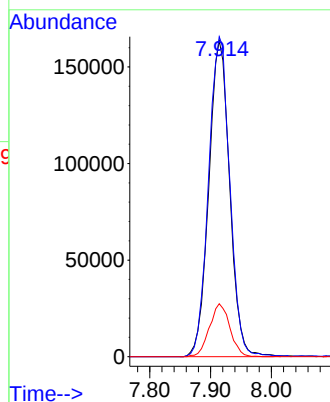
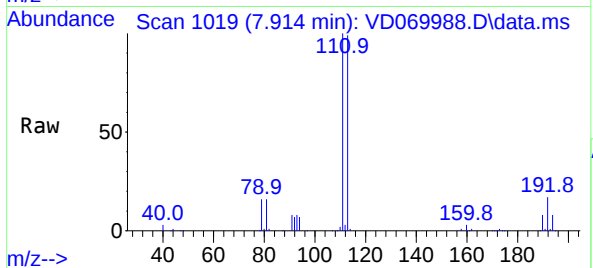




#35
Dibromofluoromethane
Concen: 52.301 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069988.D
Acq: 04 Aug 2021 16:12

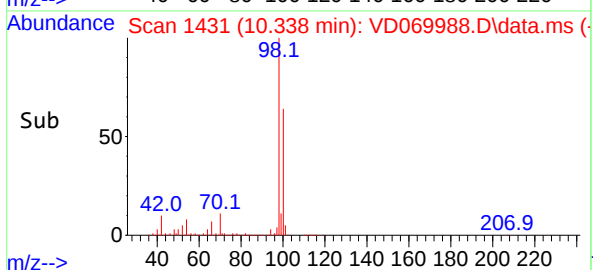
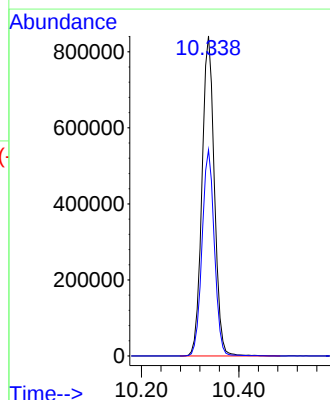
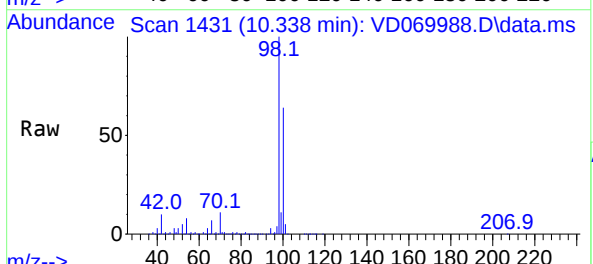
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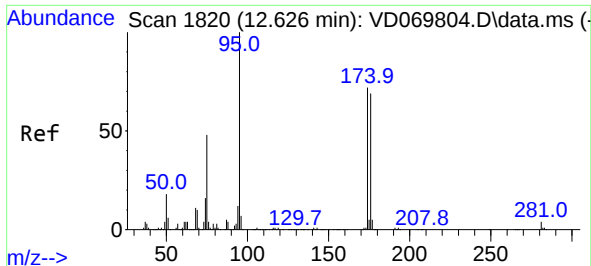
Tgt Ion:113 Resp: 389408
Ion Ratio Lower Upper
113 100
111 103.0 80.5 120.7
192 16.4 12.6 19.0



#50
Toluene-d8
Concen: 51.623 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069988.D
Acq: 04 Aug 2021 16:12

Tgt Ion: 98 Resp: 1482059
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

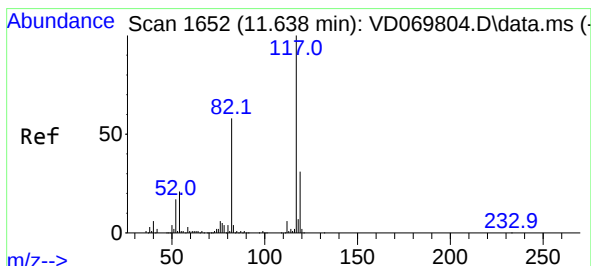
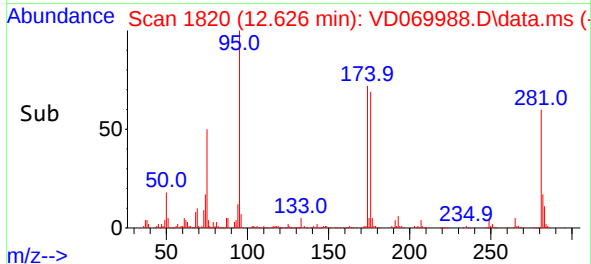
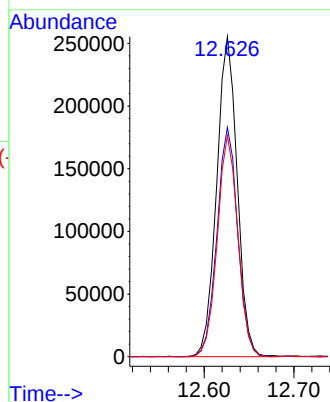
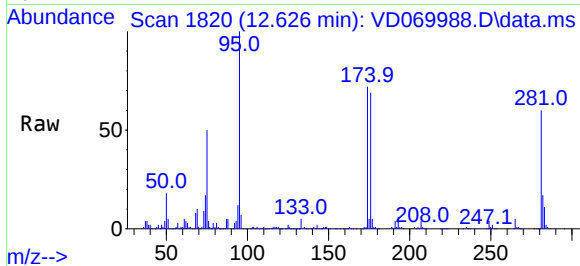




#62
4-Bromofluorobenzene
Concen: 42.321 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069988.D
Acq: 04 Aug 2021 16:12

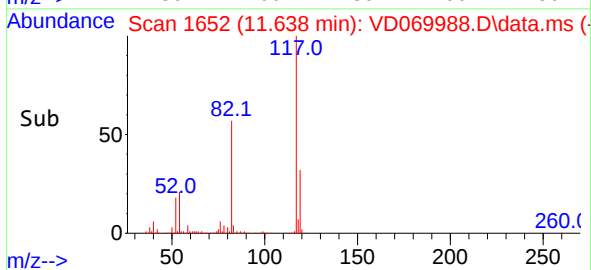
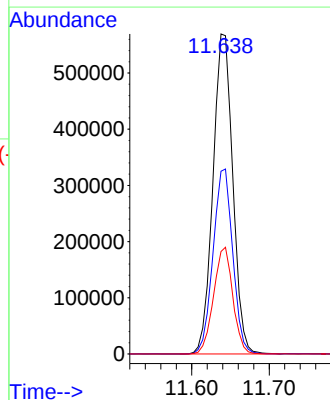
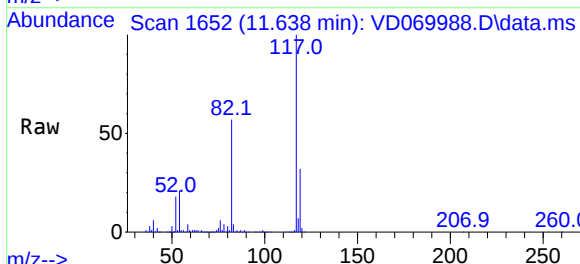
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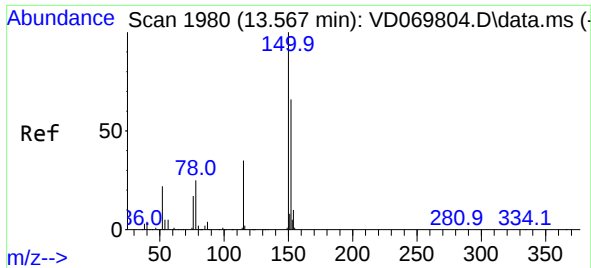
Tgt Ion: 95 Resp: 406063
Ion Ratio Lower Upper
95 100
174 72.3 0.0 142.6
176 68.8 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069988.D
Acq: 04 Aug 2021 16:12

Tgt Ion: 117 Resp: 1011225
Ion Ratio Lower Upper
117 100
82 57.1 46.3 69.5
119 32.0 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: VD069988.D
 Acq: 04 Aug 2021 16:12

Instrument :
 MSVOA_D
 ClientSampleId :
 20210471-57

Tgt Ion:	152	Resp:	312295
Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.1	93.3
150	157.9	0.0	343.0

