

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
 Data File : VD069984.D
 Acq On : 04 Aug 2021 14:18
 Operator : VA/SY
 Sample : M3268-09
 Misc : 9.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210513-99

Quant Time: Aug 05 03:10:46 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)

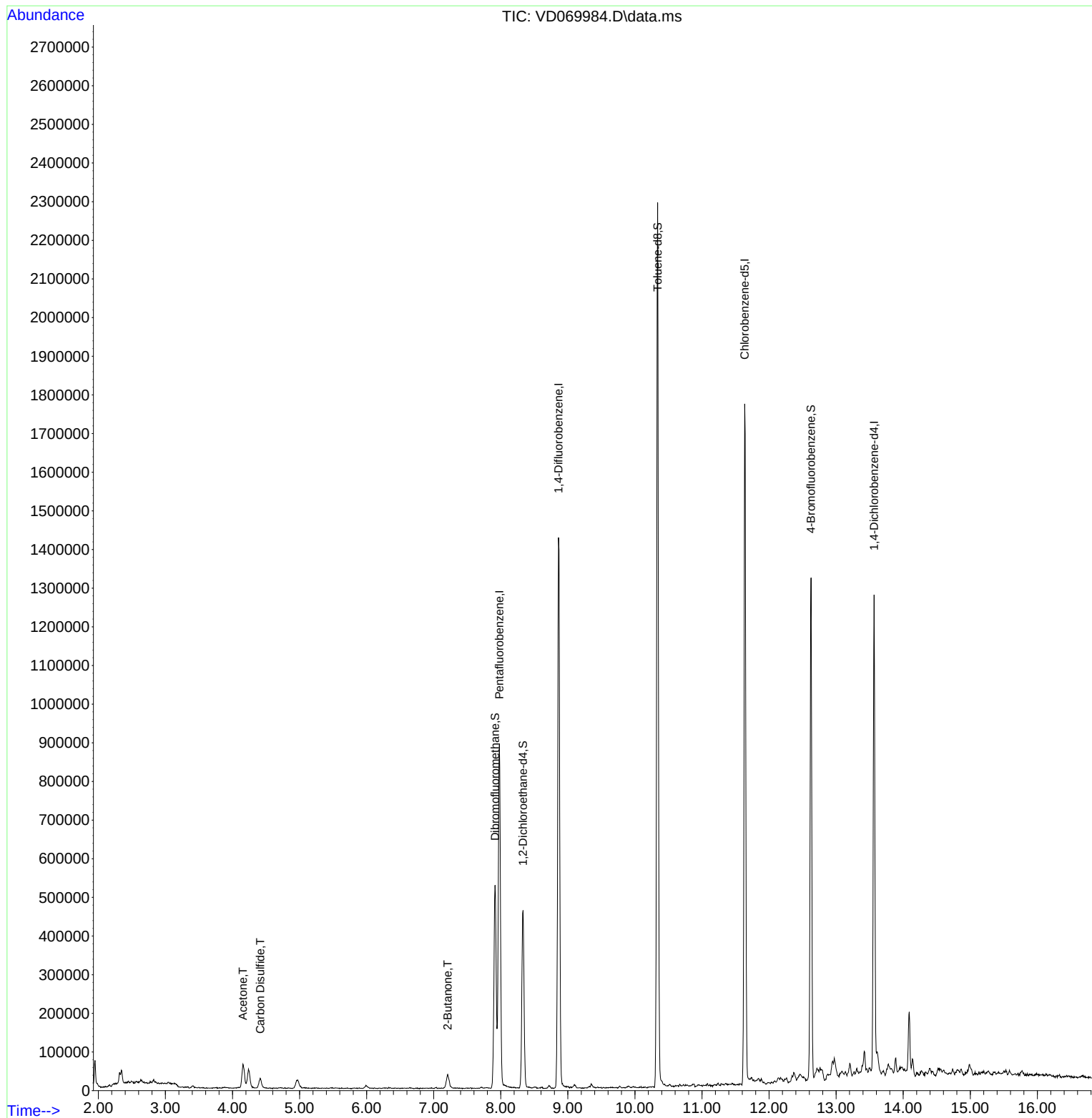
Internal Standards						
1) Pentafluorobenzene	7.979	168	629320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1234199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1035425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	317657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	368660	50.936	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.880%			
35) Dibromofluoromethane	7.914	113	390568	50.199	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.400%			
50) Toluene-d8	10.338	98	1544515	51.483	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.960%			
62) 4-Bromofluorobenzene	12.626	95	421795	42.069	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.140%			
Target Compounds					Qvalue	
16) Acetone	4.156	43	106568	81.507	ug/l	96
17) Carbon Disulfide	4.414	76	50553	1.964	ug/l	97
25) 2-Butanone	7.208	43	37802	21.320	ug/l	99

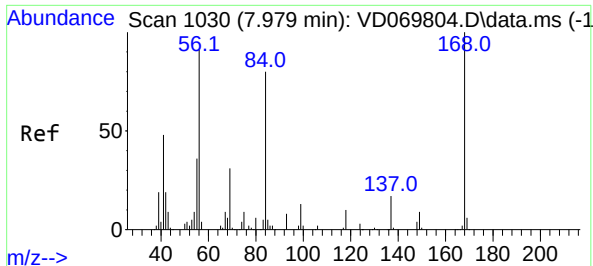
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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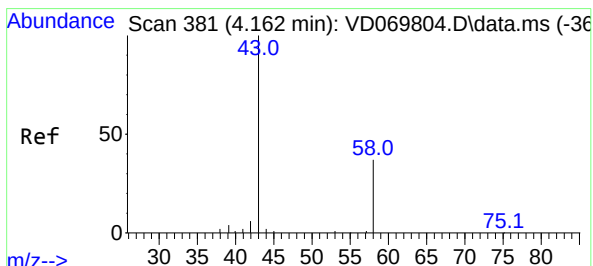
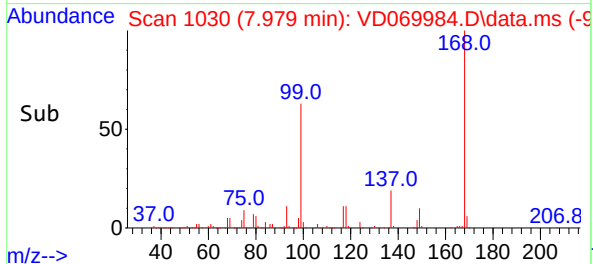
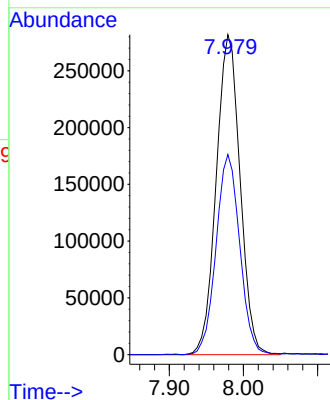
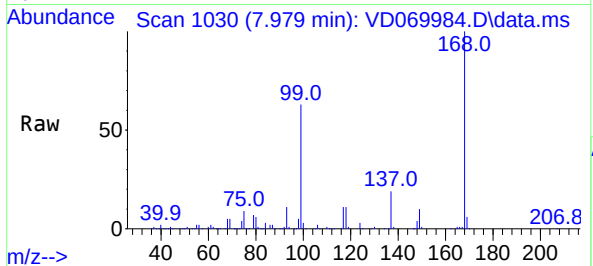




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069984.D
Acq: 04 Aug 2021 14:18

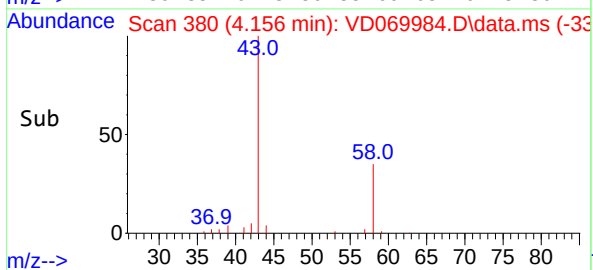
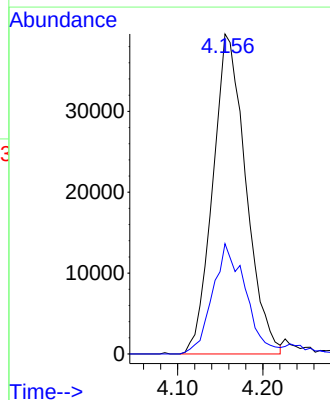
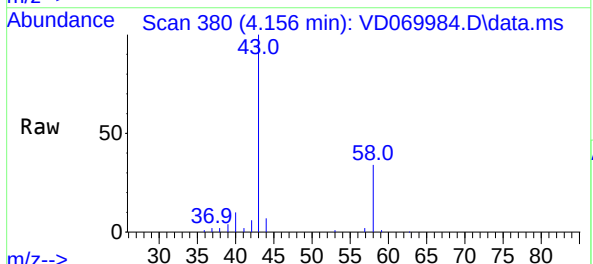
Instrument :
MSVOA_D
ClientSampleId :
20210513-99

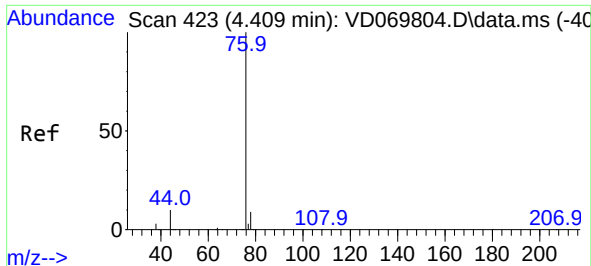
Tgt Ion:168 Resp: 629320
Ion Ratio Lower Upper
168 100
99 62.5 51.1 76.7



#16
Acetone
Concen: 81.507 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069984.D
Acq: 04 Aug 2021 14:18

Tgt Ion: 43 Resp: 106568
Ion Ratio Lower Upper
43 100
58 34.5 29.4 44.0

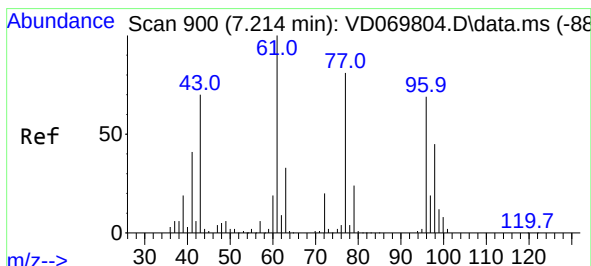
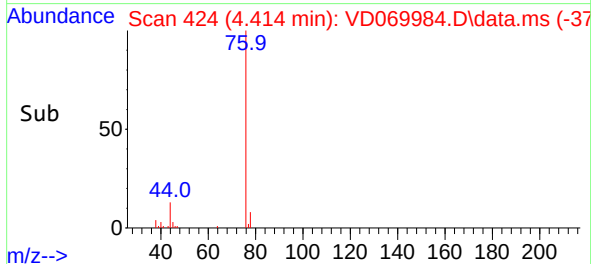
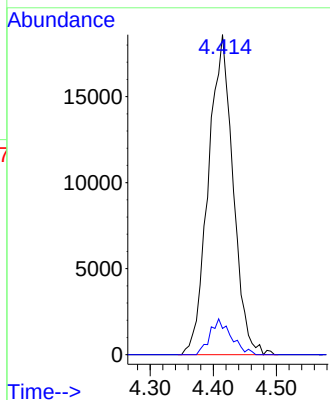
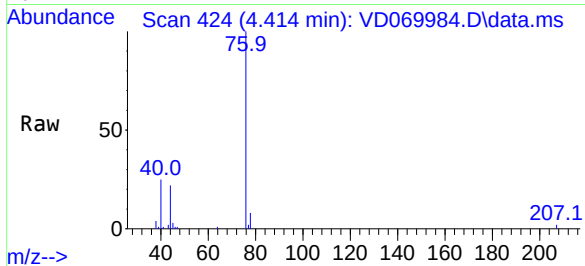




#17
Carbon Disulfide
Concen: 1.964 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD069984.D
Acq: 04 Aug 2021 14:18

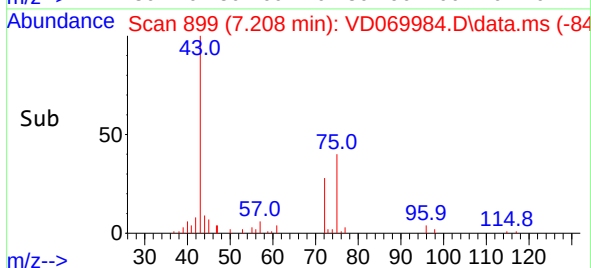
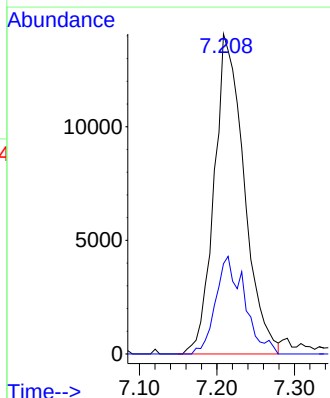
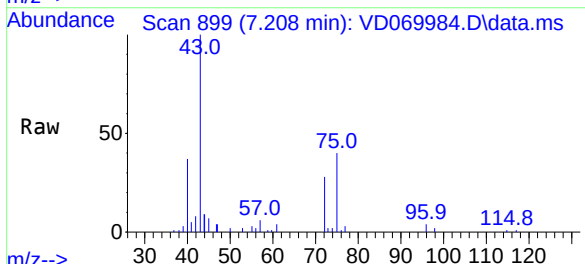
Instrument :
MSVOA_D
ClientSampleId :
20210513-99

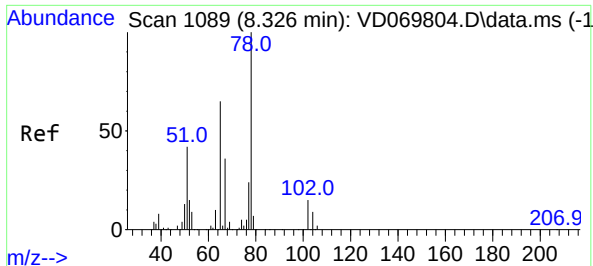
Tgt Ion: 76 Resp: 50553
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9



#25
2-Butanone
Concen: 21.320 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069984.D
Acq: 04 Aug 2021 14:18

Tgt Ion: 43 Resp: 37802
Ion Ratio Lower Upper
43 100
72 28.2 22.8 34.2

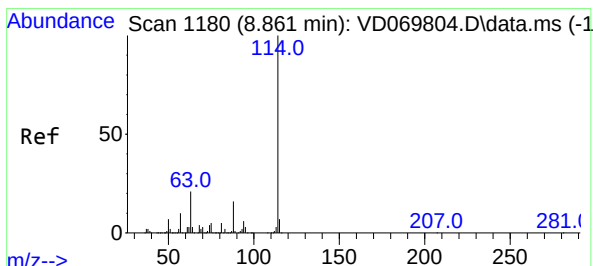
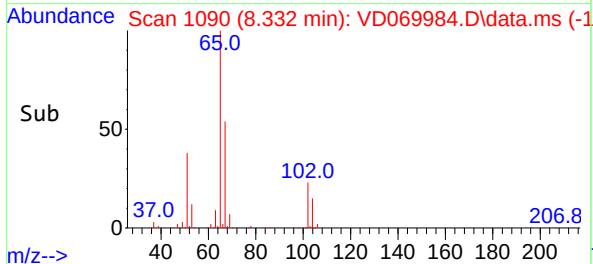
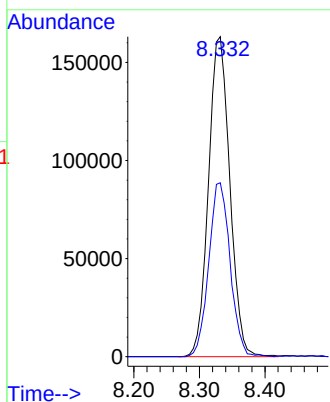
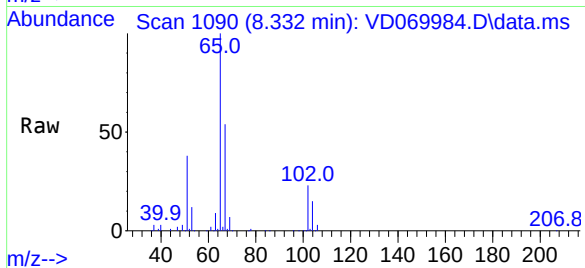




#33
1,2-Dichloroethane-d4
Concen: 50.936 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069984.D
Acq: 04 Aug 2021 14:18

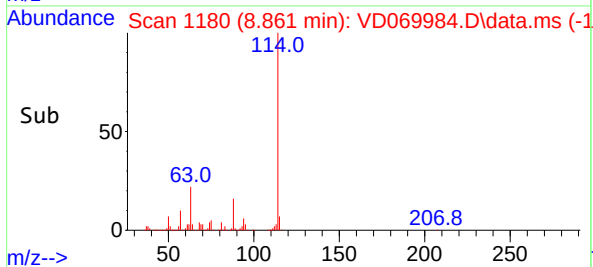
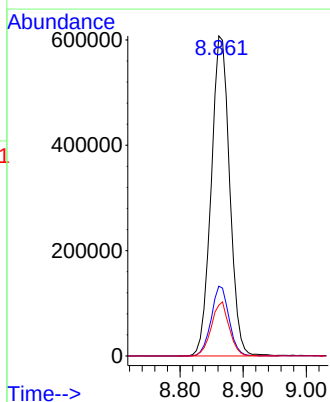
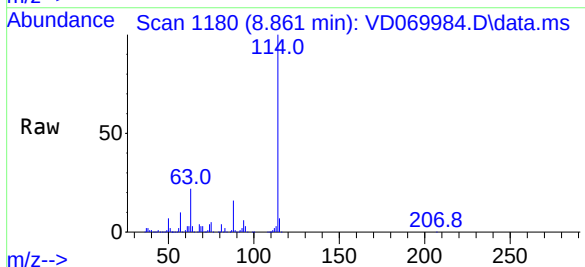
Instrument :
MSVOA_D
ClientSampleId :
20210513-99

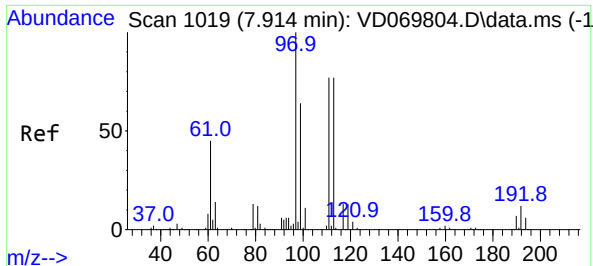
Tgt Ion: 65 Resp: 368660
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069984.D
Acq: 04 Aug 2021 14:18

Tgt Ion:114 Resp: 1234199
Ion Ratio Lower Upper
114 100
63 21.8 0.0 41.6
88 15.9 0.0 31.4

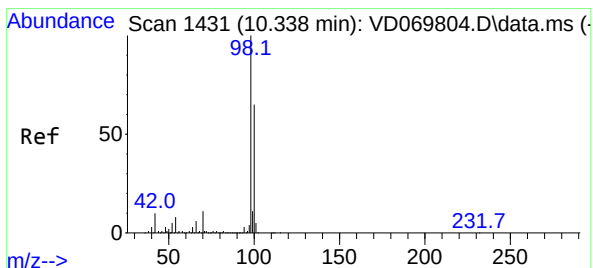
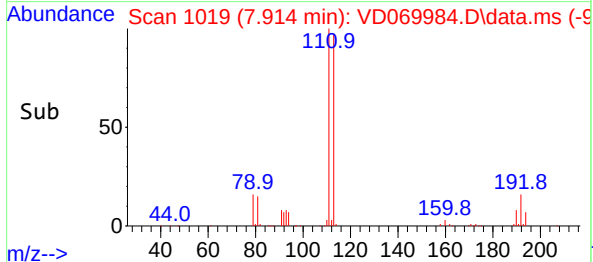
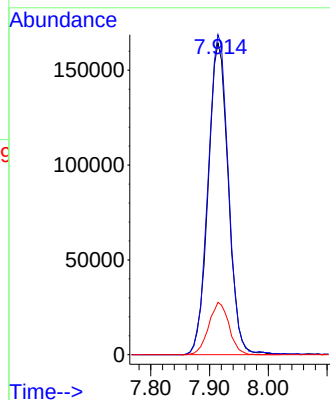
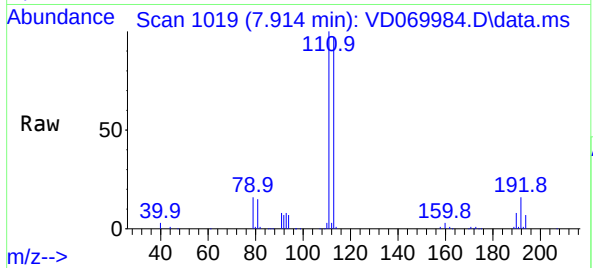




#35
Dibromofluoromethane
Concen: 50.199 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069984.D
Acq: 04 Aug 2021 14:18

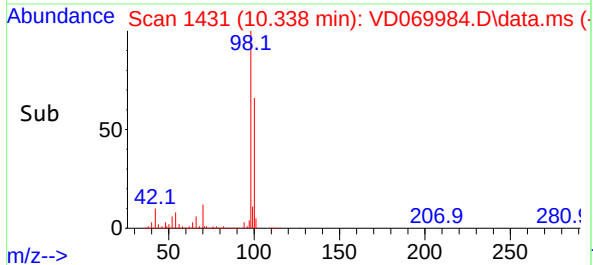
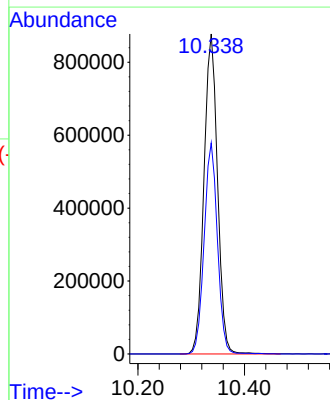
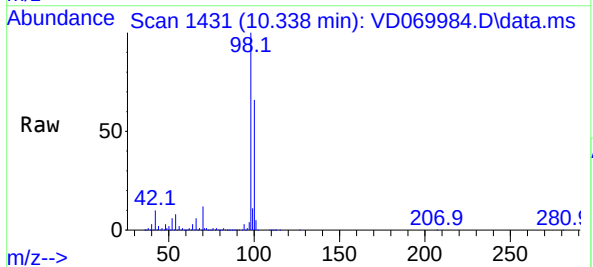
Instrument :
MSVOA_D
ClientSampleId :
20210513-99

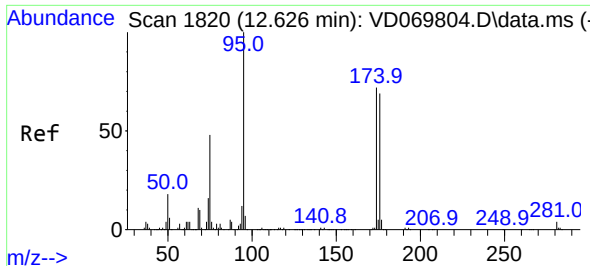
Tgt Ion:113 Resp: 390568
Ion Ratio Lower Upper
113 100
111 103.6 80.5 120.7
192 16.9 12.6 19.0



#50
Toluene-d8
Concen: 51.483 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069984.D
Acq: 04 Aug 2021 14:18

Tgt Ion: 98 Resp: 1544515
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



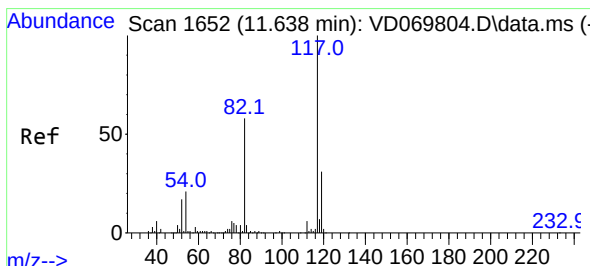
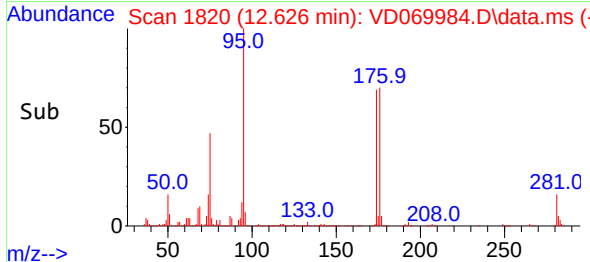
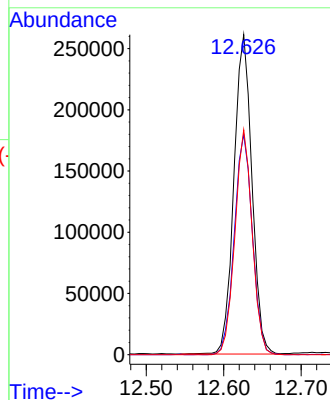
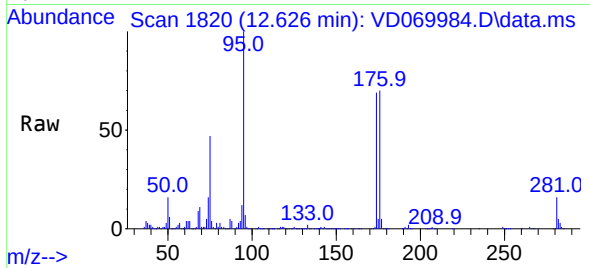


#62
4-Bromofluorobenzene
Concen: 42.069 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069984.D
Acq: 04 Aug 2021 14:18

Instrument :
MSVOA_D
ClientSampleId :
20210513-99

Tgt Ion: 95 Resp: 421795

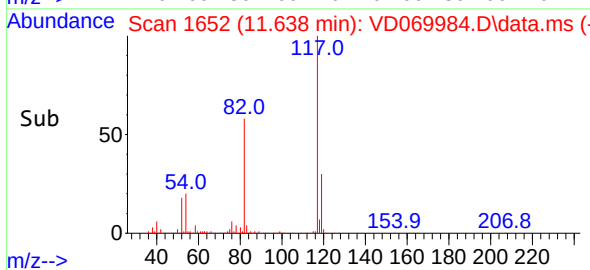
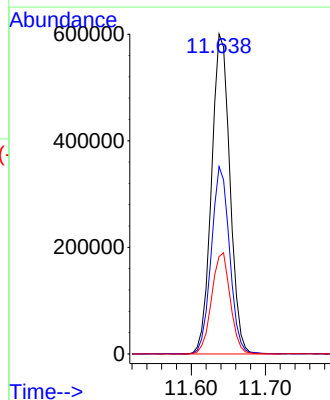
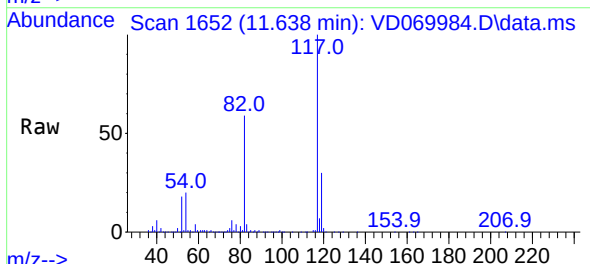
Ion	Ratio	Lower	Upper
95	100		
174	69.4	0.0	142.6
176	67.7	0.0	134.2

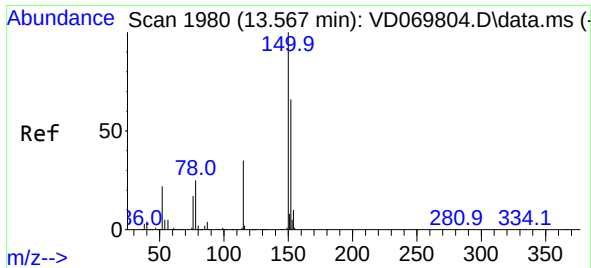


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069984.D
Acq: 04 Aug 2021 14:18

Tgt Ion: 117 Resp: 1035425

Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.3	69.5
119	30.5	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: VD069984.D
 Acq: 04 Aug 2021 14:18

Instrument :
 MSVOA_D
 ClientSampleId :
 20210513-99

Tgt Ion:	152	Resp:	317657
Ion	Ratio	Lower	Upper
152	100		
115	63.6	31.1	93.3
150	161.4	0.0	343.0

