

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
 Data File : VD069010.D
 Acq On : 28 Apr 2021 18:02
 Operator : VA/SY
 Sample : M2213-01
 Misc : 3.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BG5B2

Quant Time: Apr 29 06:33:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

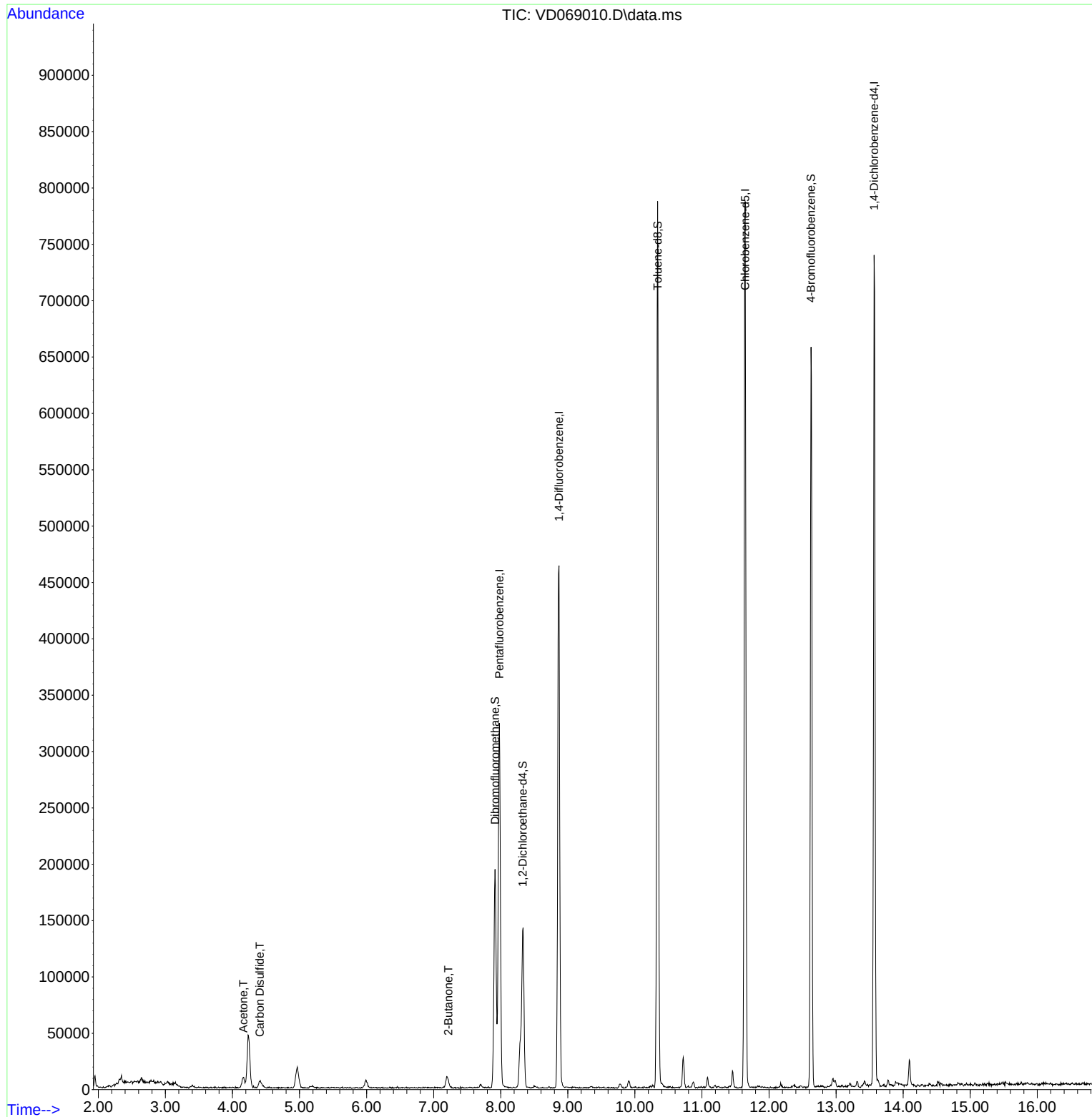
Internal Standards						
1) Pentafluorobenzene	7.979	168	253007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	433804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	493119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	200246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	108031	40.40	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.80%
35) Dibromofluoromethane	7.914	113	136965	48.54	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.08%
50) Toluene-d8	10.338	98	539956	50.73	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.46%
62) 4-Bromofluorobenzene	12.626	95	203198	57.48	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.96%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	17105	46.19	ug/l #	86
17) Carbon Disulfide	4.409	76	11373	1.39	ug/l	99
25) 2-Butanone	7.220	43	4934	9.42	ug/l	96

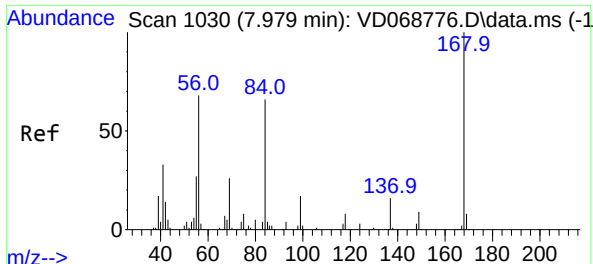
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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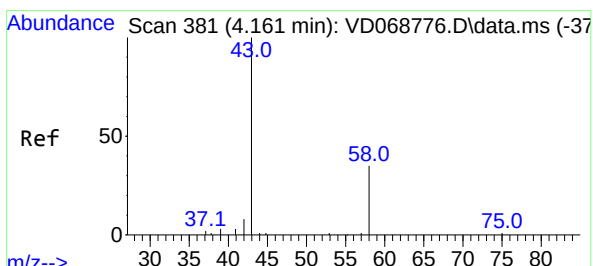
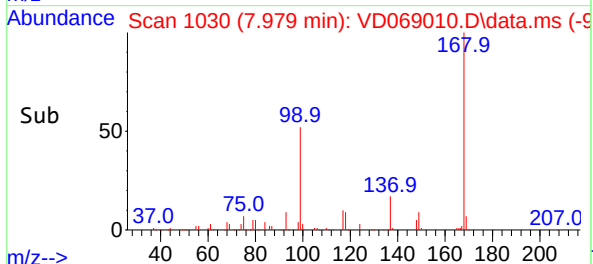
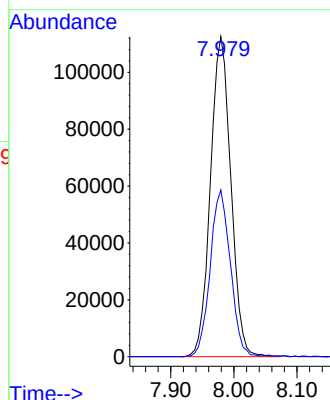
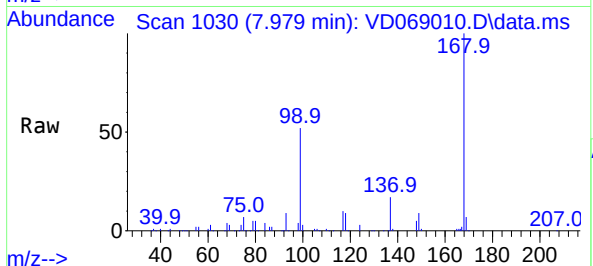




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069010.D
Acq: 28 Apr 2021 18:02

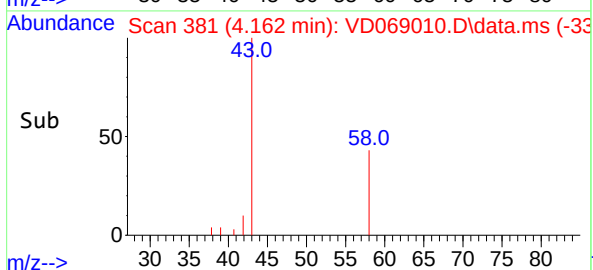
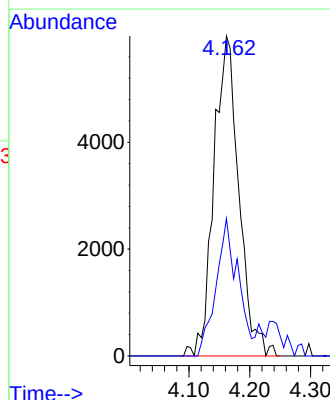
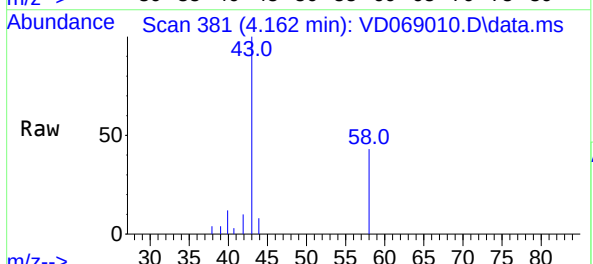
Instrument :
MSVOA_D
ClientSampleId :
BG5B2

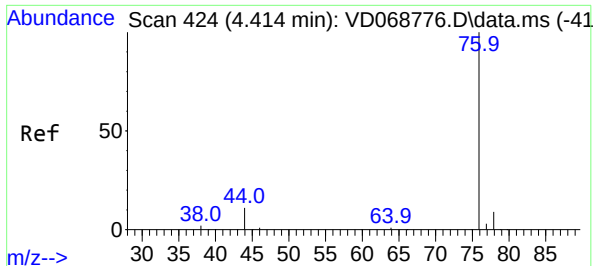
Tgt Ion:168 Resp: 253007
Ion Ratio Lower Upper
168 100
99 52.1 46.2 69.2



#16
Acetone
Concen: 46.19 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD069010.D
Acq: 28 Apr 2021 18:02

Tgt Ion: 43 Resp: 17105
Ion Ratio Lower Upper
43 100
58 43.0 28.0 42.0#

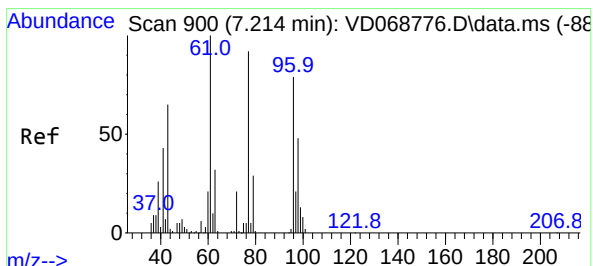
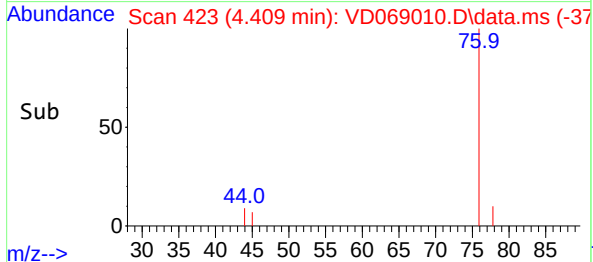
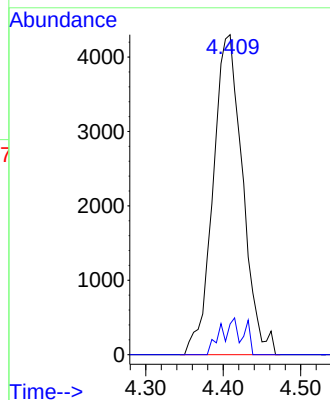
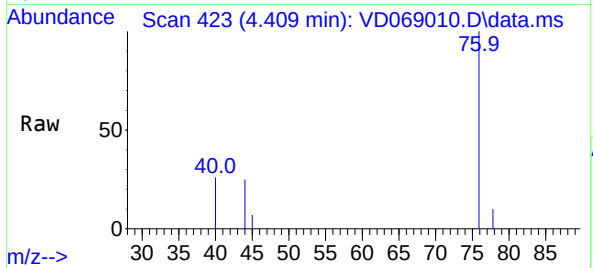




#17
Carbon Disulfide
Concen: 1.39 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD069010.D
Acq: 28 Apr 2021 18:02

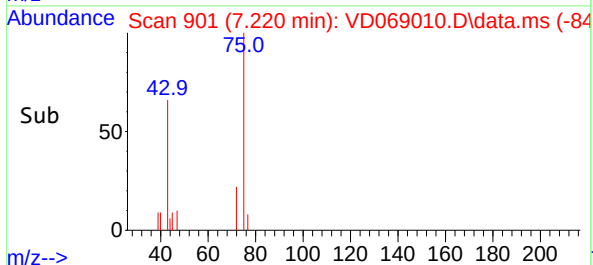
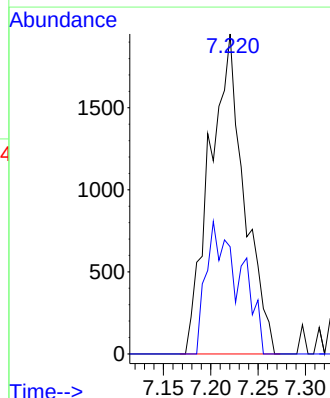
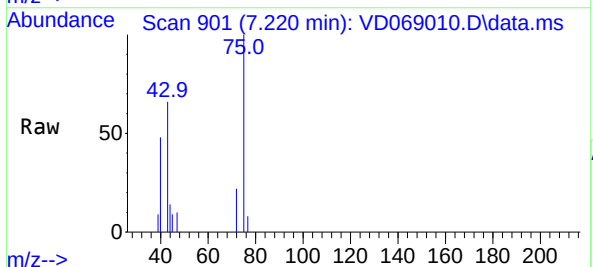
Instrument :
MSVOA_D
ClientSampleId :
BG5B2

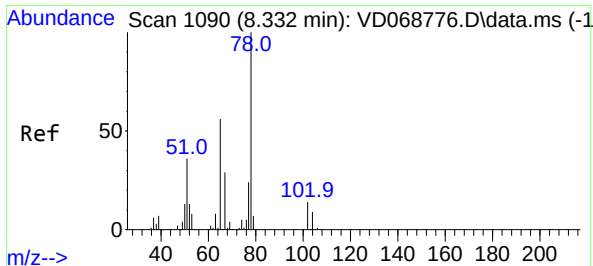
Tgt Ion: 76 Resp: 11373
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#25
2-Butanone
Concen: 9.42 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD069010.D
Acq: 28 Apr 2021 18:02

Tgt Ion: 43 Resp: 4934
Ion Ratio Lower Upper
43 100
72 33.5 28.6 43.0

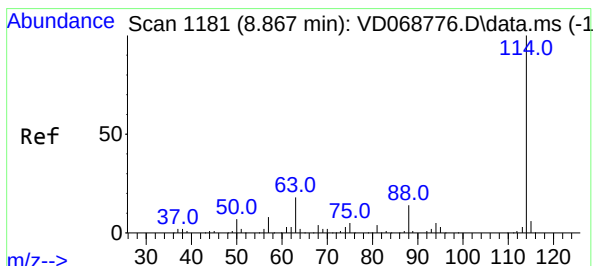
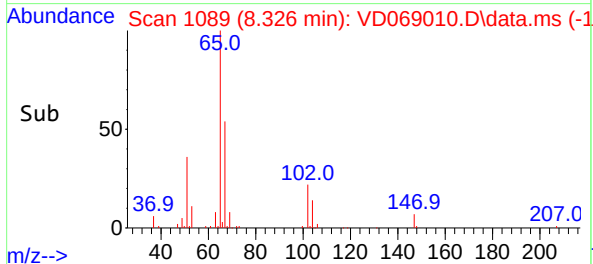
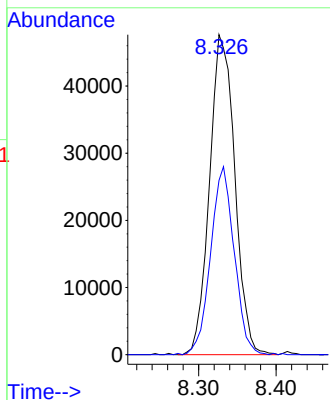
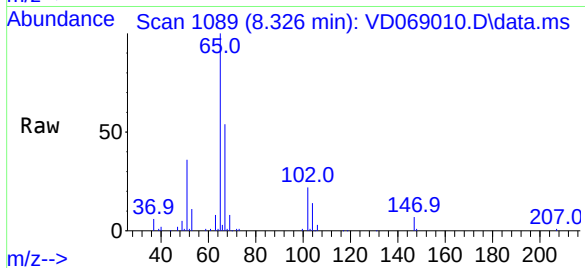




#33
1,2-Dichloroethane-d4
Concen: 40.40 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069010.D
Acq: 28 Apr 2021 18:02

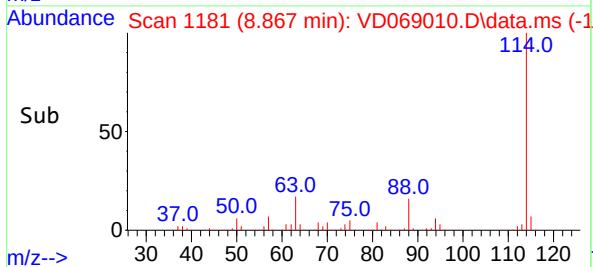
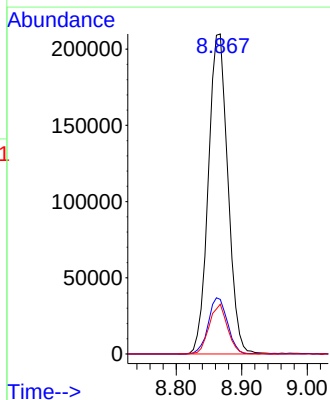
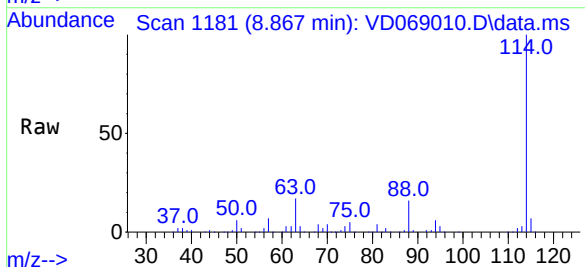
Instrument :
MSVOA_D
ClientSampleId :
BG5B2

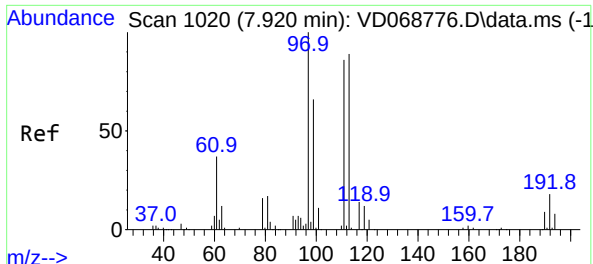
Tgt Ion: 65 Resp: 108031
Ion Ratio Lower Upper
65 100
67 54.9 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069010.D
Acq: 28 Apr 2021 18:02

Tgt Ion: 114 Resp: 433804
Ion Ratio Lower Upper
114 100
63 17.1 0.0 38.2
88 15.5 0.0 29.4

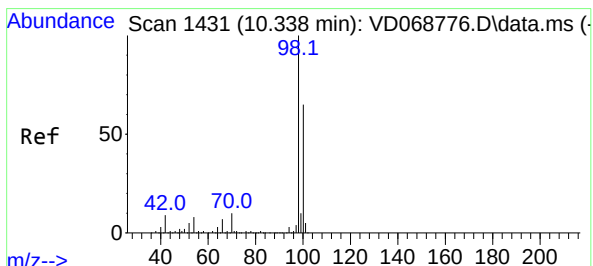
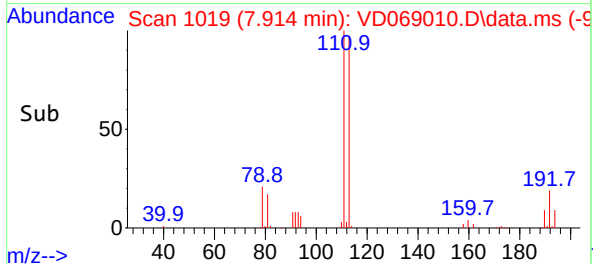
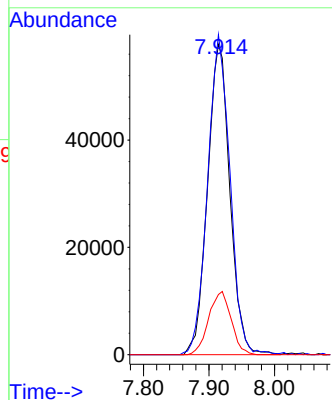
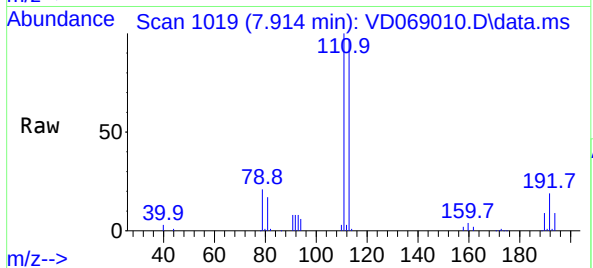




#35
Dibromofluoromethane
Concen: 48.54 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069010.D
Acq: 28 Apr 2021 18:02

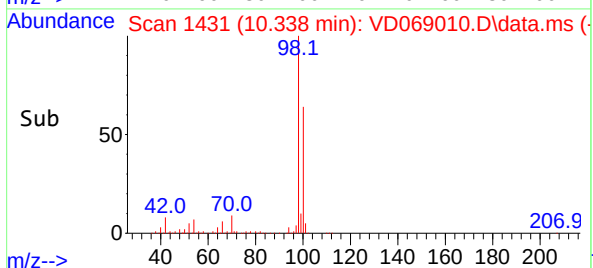
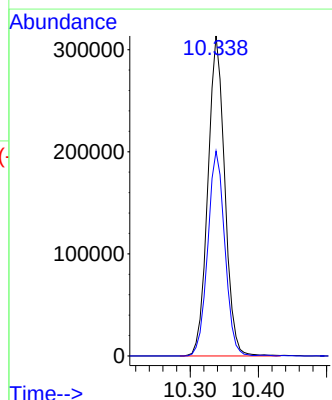
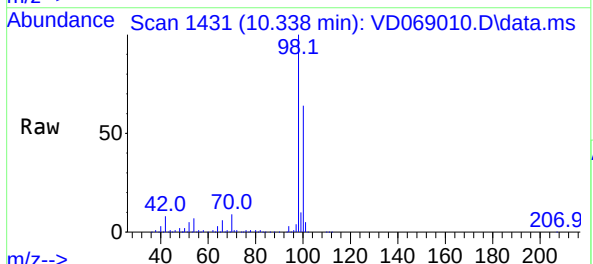
Instrument :
MSVOA_D
ClientSampleId :
BG5B2

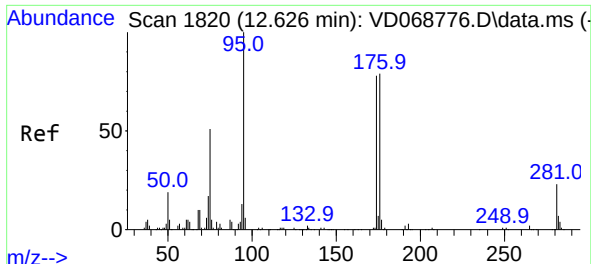
Tgt Ion:113 Resp: 136965
Ion Ratio Lower Upper
113 100
111 103.0 82.5 123.7
192 20.5 15.1 22.7



#50
Toluene-d8
Concen: 50.73 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069010.D
Acq: 28 Apr 2021 18:02

Tgt Ion: 98 Resp: 539956
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

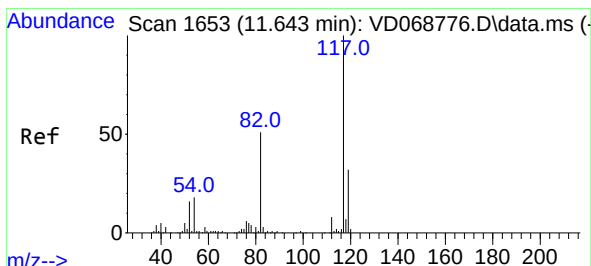
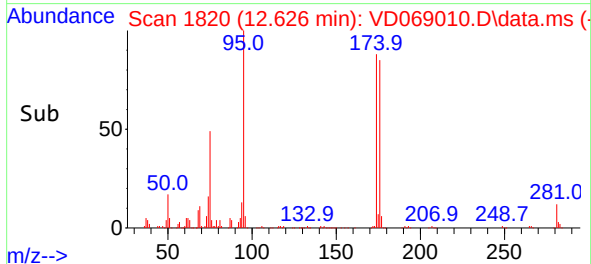
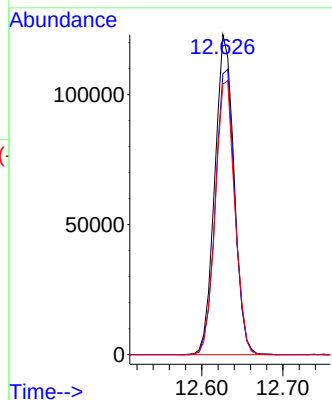
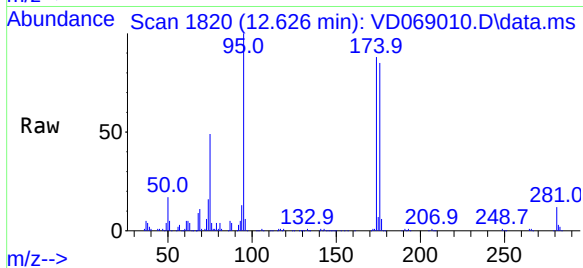




#62
4-Bromofluorobenzene
Concen: 57.48 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069010.D
Acq: 28 Apr 2021 18:02

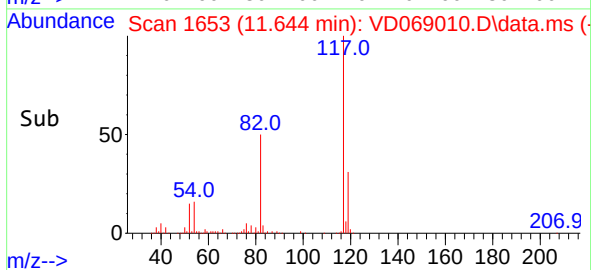
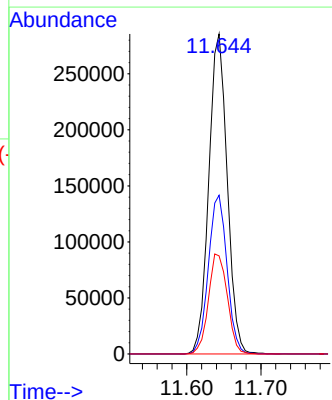
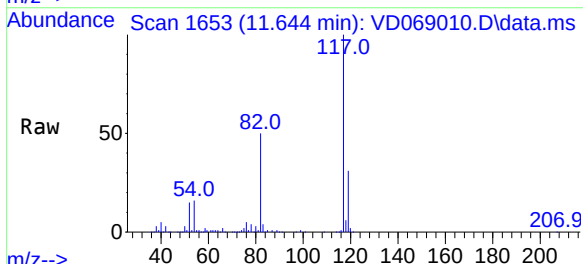
Instrument :
MSVOA_D
ClientSampleId :
BG5B2

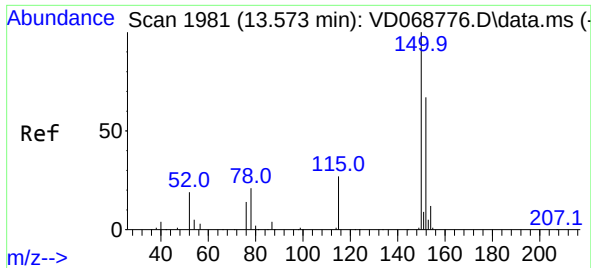
Tgt Ion:	95	Resp:	203198
Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	168.0
176	86.5	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD069010.D
Acq: 28 Apr 2021 18:02

Tgt Ion:	117	Resp:	493119
Ion	Ratio	Lower	Upper
117	100		
82	49.6	43.5	65.3
119	30.7	26.7	40.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069010.D
Acq: 28 Apr 2021 18:02

Instrument :
MSVOA_D
ClientSampleId :
BG5B2

Tgt Ion:152 Resp: 200246
Ion Ratio Lower Upper
152 100
115 57.8 29.3 87.8
150 157.5 0.0 347.6

