

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069916.D
 Acq On : 29 Jul 2021 17:26
 Operator : VA/SY
 Sample : M3210-05RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5(1.0-5.0)RE

Quant Time: Jul 30 00:57:18 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)

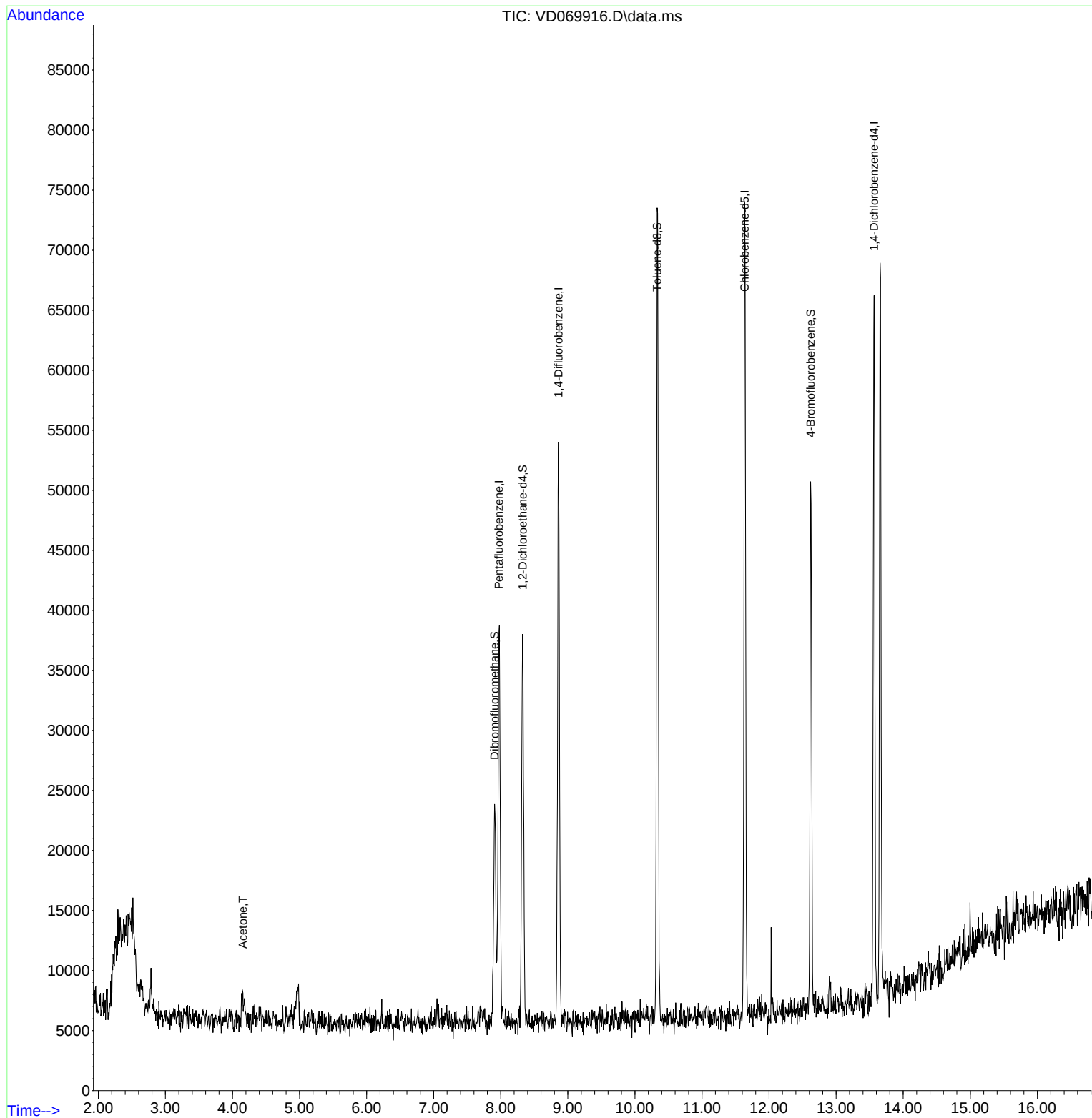
Internal Standards						
1) Pentafluorobenzene	7.973	168	23734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	39096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	40925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	17579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	23681	86.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 173.520%#	
35) Dibromofluoromethane	7.908	113	14042	56.975	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.940%	
50) Toluene-d8	10.332	98	49590	52.181	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.360%	
62) 4-Bromofluorobenzene	12.620	95	14697	46.274	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.540%	
Target Compounds						
16) Acetone	4.156	43	4624	93.775	ug/l	Qvalue 100

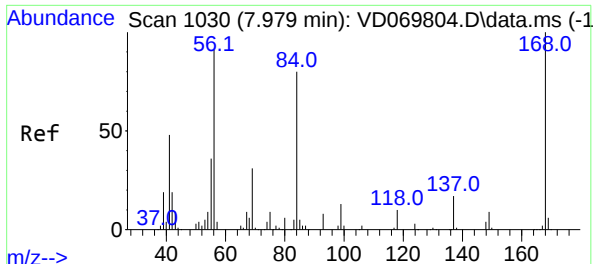
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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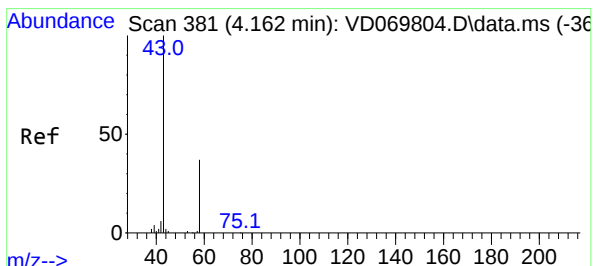
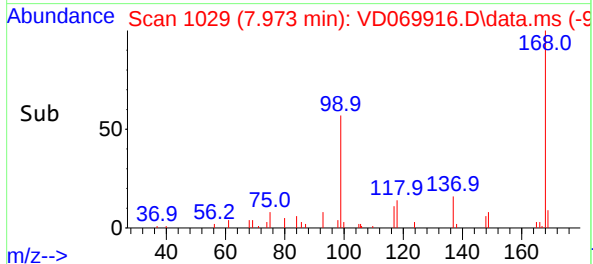
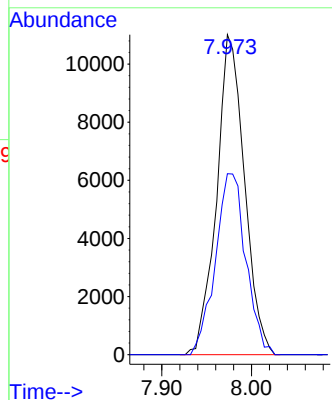
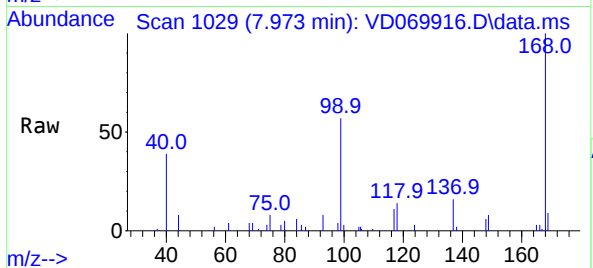




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069916.D
Acq: 29 Jul 2021 17:26

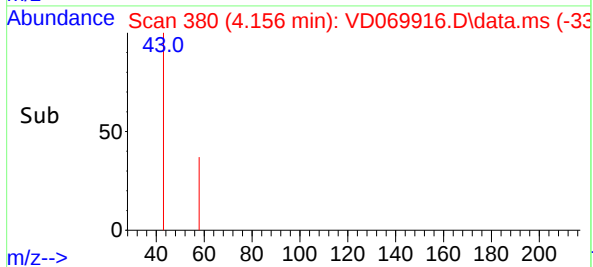
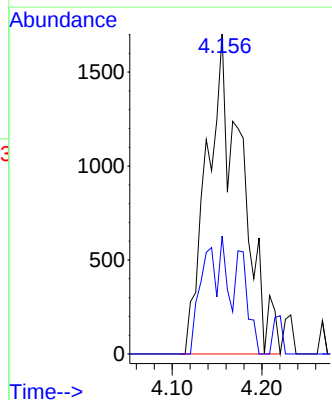
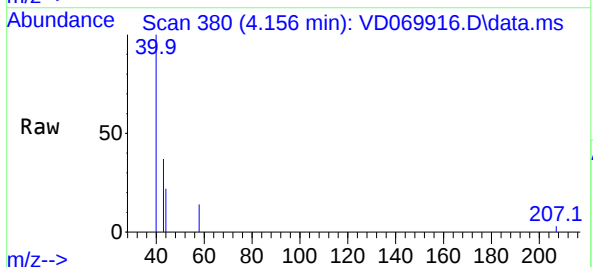
Instrument :
MSVOA_D
ClientSampleId :
SB-5(1.0-5.0)RE

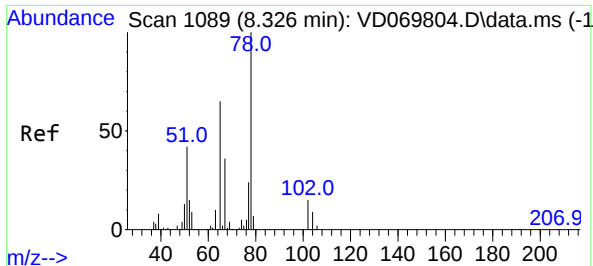
Tgt Ion:168 Resp: 23734
Ion Ratio Lower Upper
168 100
99 56.5 51.1 76.7



#16
Acetone
Concen: 93.775 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069916.D
Acq: 29 Jul 2021 17:26

Tgt Ion: 43 Resp: 4624
Ion Ratio Lower Upper
43 100
58 36.9 29.4 44.0

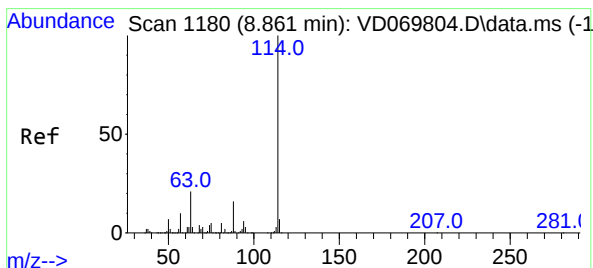
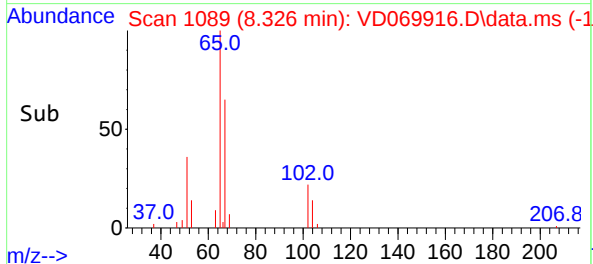
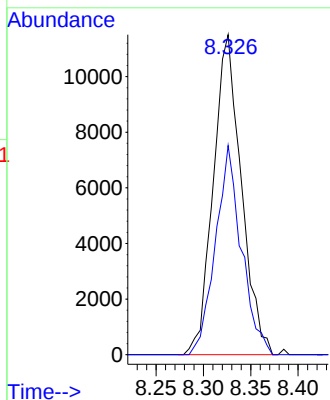
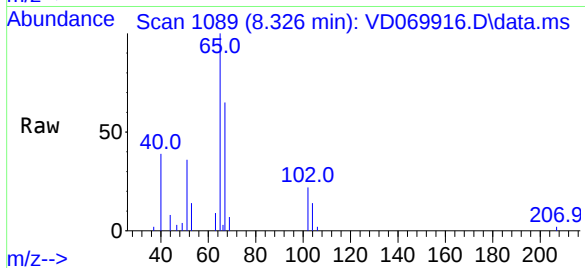




#33
1,2-Dichloroethane-d4
Concen: 86.756 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069916.D
Acq: 29 Jul 2021 17:26

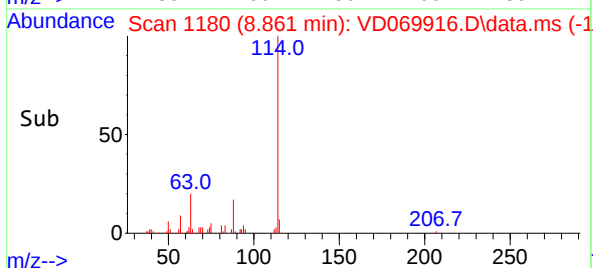
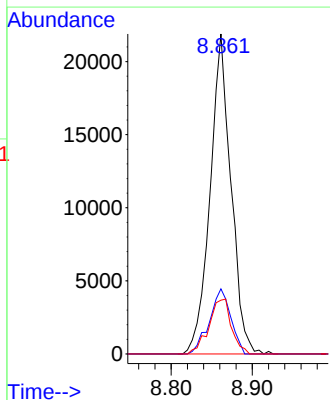
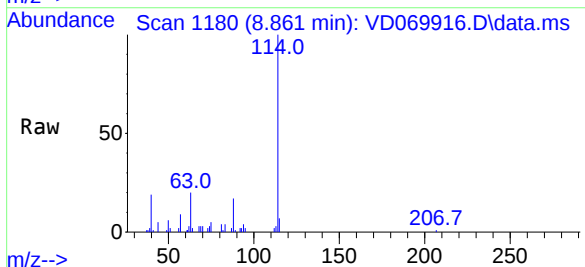
Instrument :
MSVOA_D
ClientSampleId :
SB-5(1.0-5.0)RE

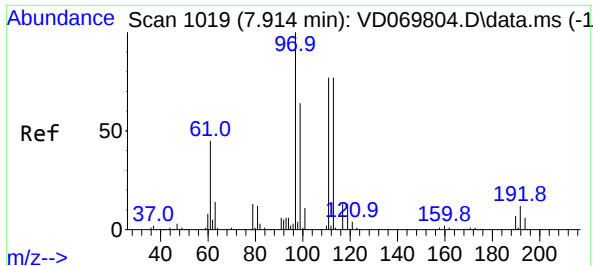
Tgt Ion: 65 Resp: 23681
Ion Ratio Lower Upper
65 100
67 60.6 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069916.D
Acq: 29 Jul 2021 17:26

Tgt Ion:114 Resp: 39096
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.6
88 16.8 0.0 31.4



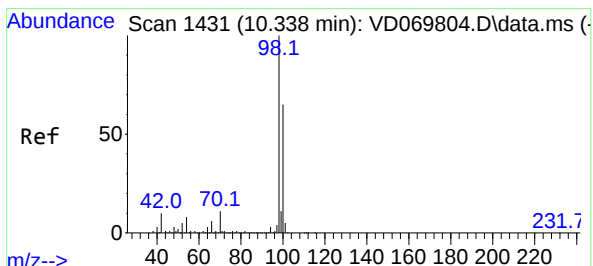
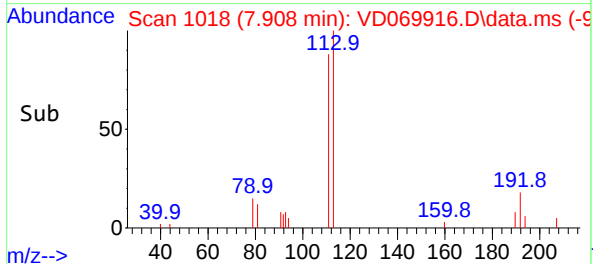
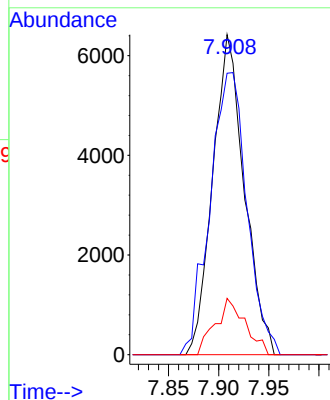
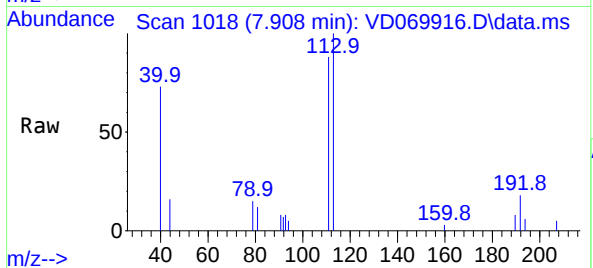


#35

Dibromofluoromethane
Concen: 56.975 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069916.D
Acq: 29 Jul 2021 17:26

Instrument :
MSVOA_D
ClientSampleId :
SB-5(1.0-5.0)RE

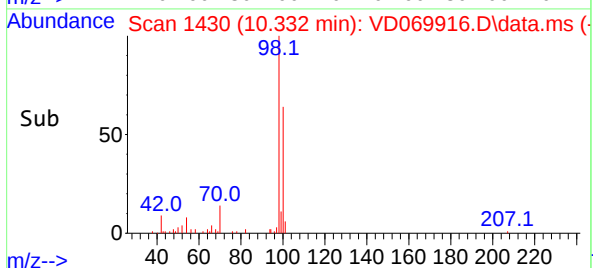
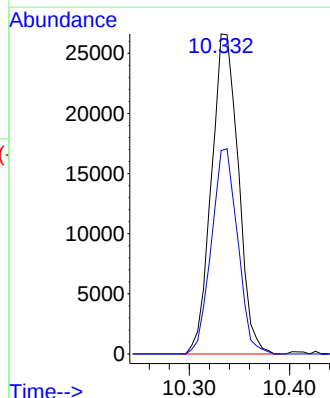
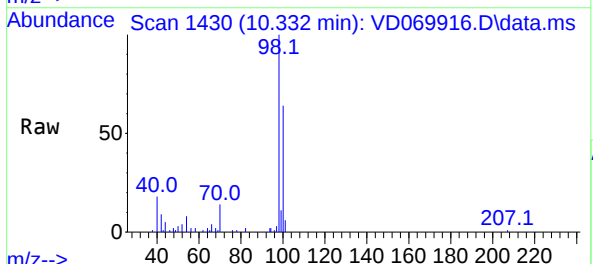
Tgt Ion:113 Resp: 14042
Ion Ratio Lower Upper
113 100
111 102.9 80.5 120.7
192 16.6 12.6 19.0

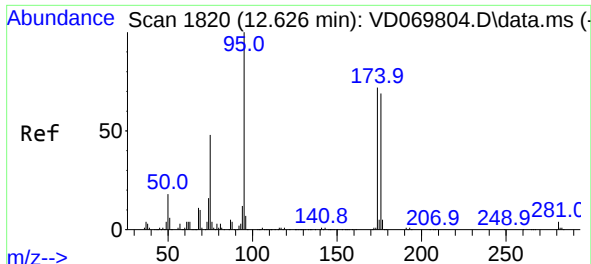


#50

Toluene-d8
Concen: 52.181 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069916.D
Acq: 29 Jul 2021 17:26

Tgt Ion: 98 Resp: 49590
Ion Ratio Lower Upper
98 100
100 62.4 51.9 77.9

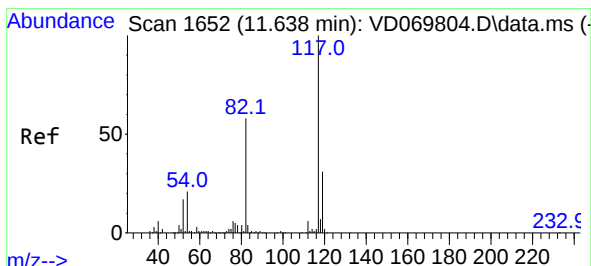
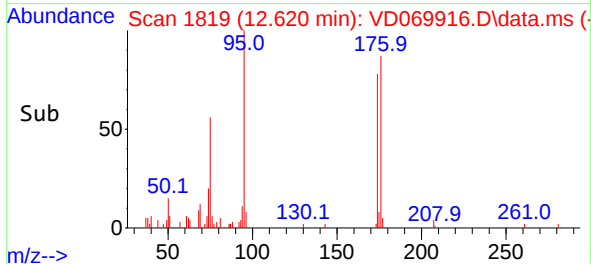
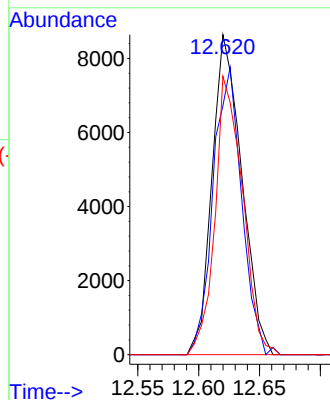
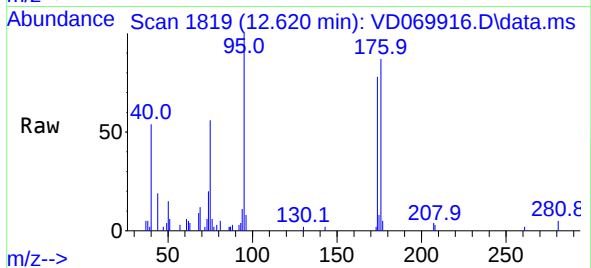




#62
4-Bromofluorobenzene
Concen: 46.274 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069916.D
Acq: 29 Jul 2021 17:26

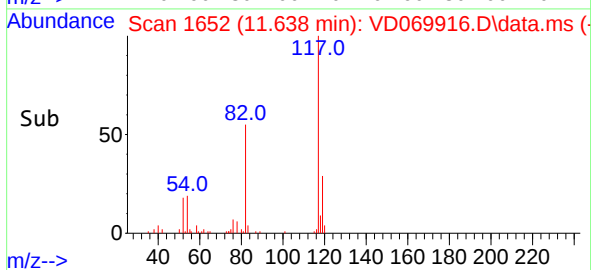
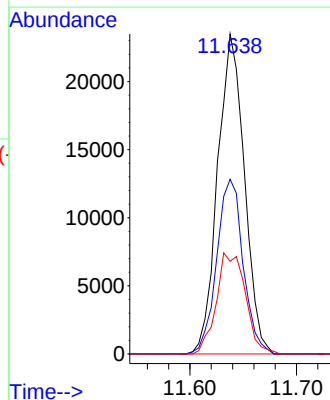
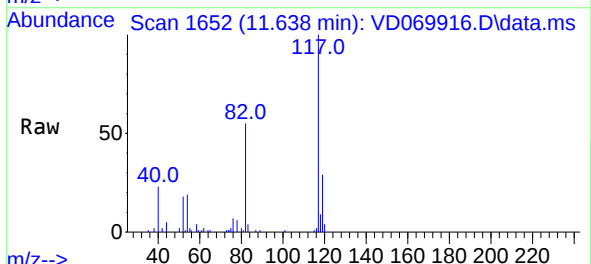
Instrument :
MSVOA_D
ClientSampleId :
SB-5(1.0-5.0)RE

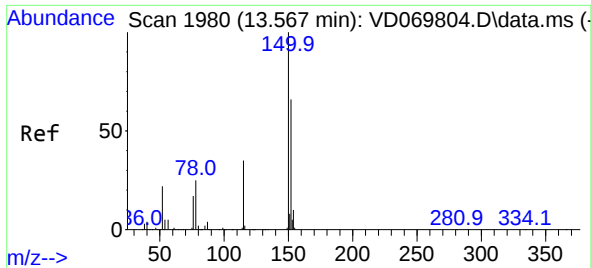
Tgt Ion:	95	Resp:	14697
Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	142.6
176	80.6	0.0	134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069916.D
Acq: 29 Jul 2021 17:26

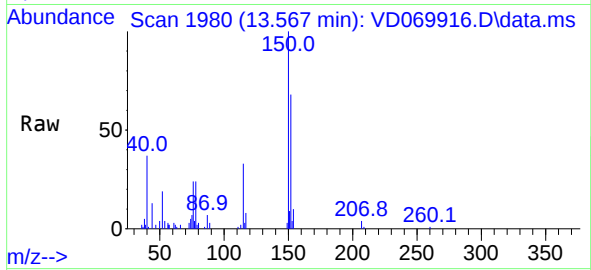
Tgt Ion:	117	Resp:	40925
Ion	Ratio	Lower	Upper
117	100		
82	54.6	46.3	69.5
119	29.0	24.7	37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069916.D
 Acq: 29 Jul 2021 17:26

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5(1.0-5.0)RE



Tgt Ion:	152	Resp:	17579
Ion	Ratio	Lower	Upper
152	100		
115	52.4	31.1	93.3
150	145.9	0.0	343.0

