

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069912.D
 Acq On : 29 Jul 2021 15:31
 Operator : VA/SY
 Sample : M3210-01RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1(1.0-1.5)RE

Quant Time: Jul 30 00:56:13 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)

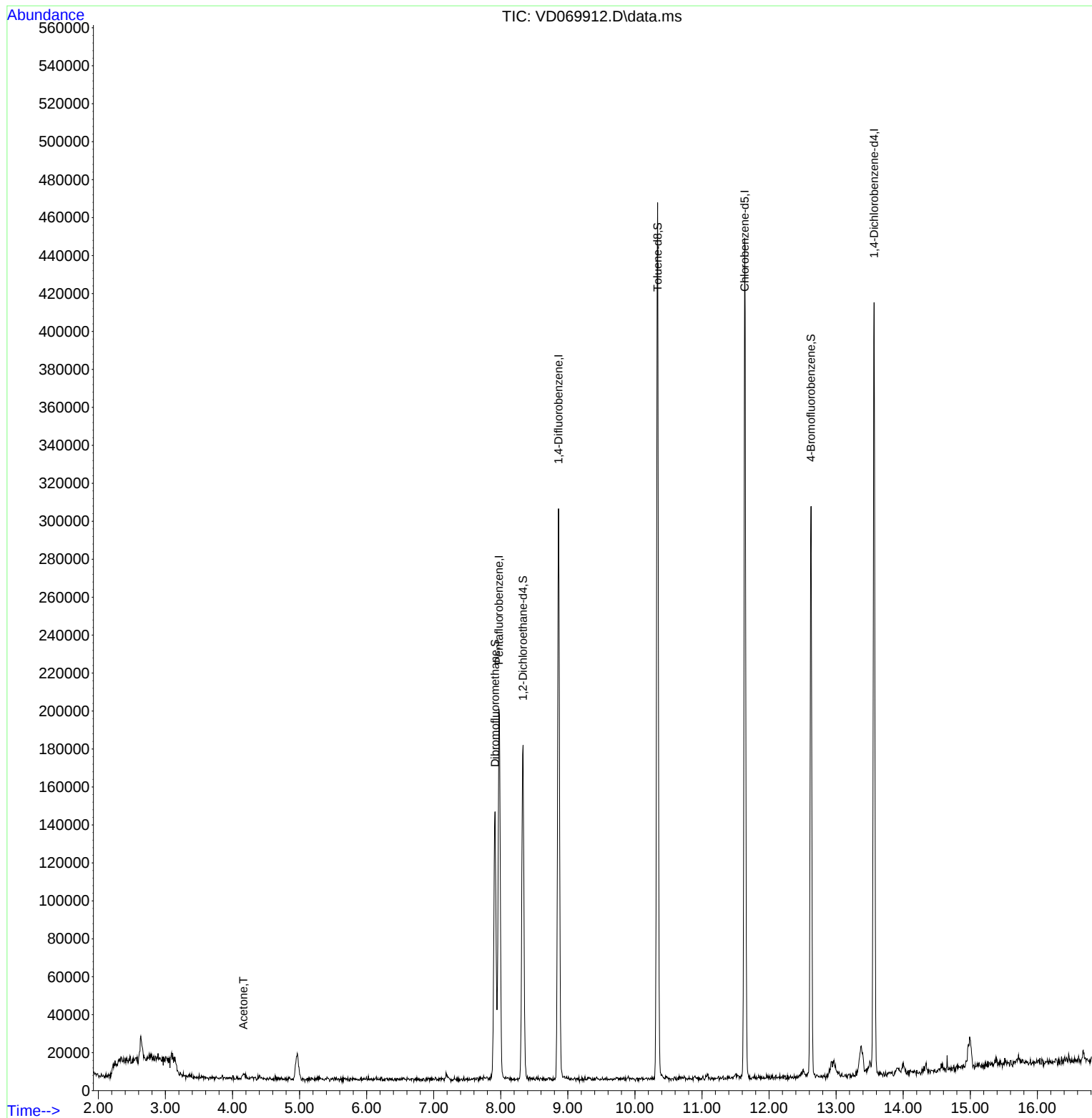
Internal Standards						
1) Pentafluorobenzene	7.973	168	135750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	249918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	258581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	112032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	136051	87.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 174.280%#	
35) Dibromofluoromethane	7.914	113	100681	63.905	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.800%	
50) Toluene-d8	10.337	98	320163	52.702	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.400%	
62) 4-Bromofluorobenzene	12.625	95	104857	51.647	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.300%	
Target Compounds						
16) Acetone	4.161	43	5117	18.143	ug/l	Qvalue # 61

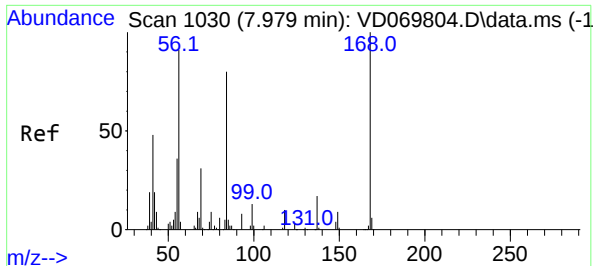
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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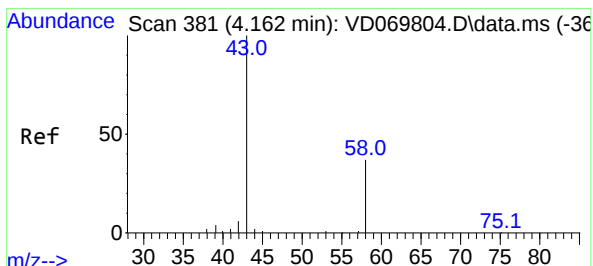
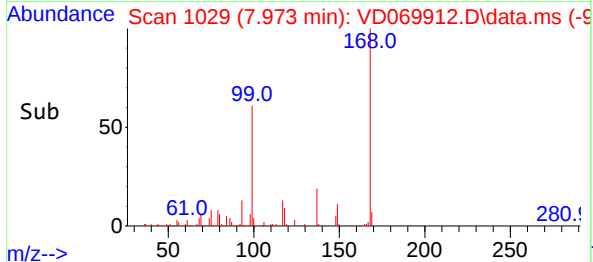
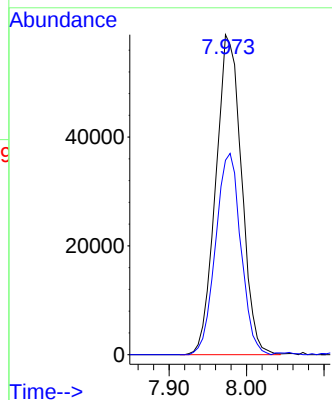
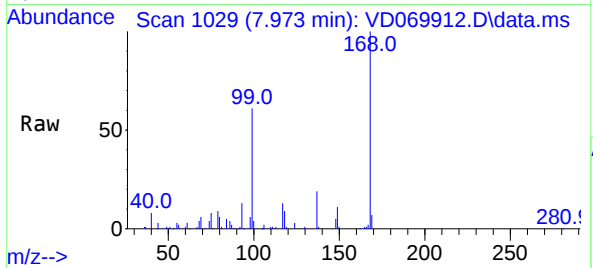




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

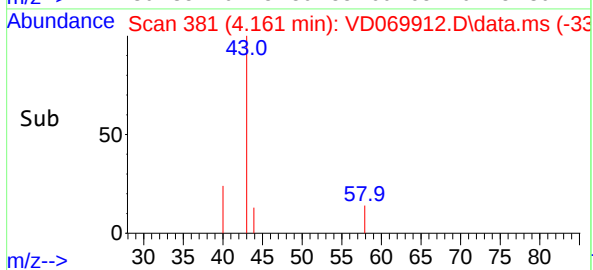
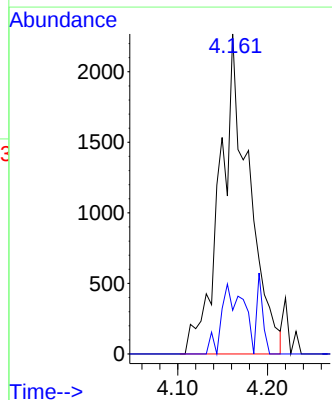
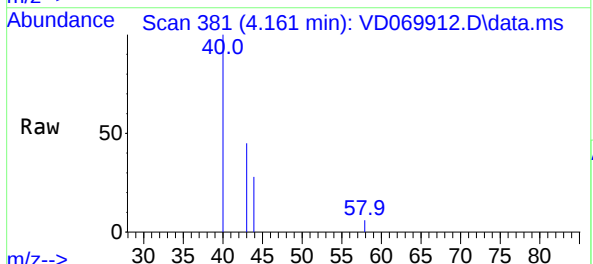
Instrument :
MSVOA_D
ClientSampleId :
SB-1(1.0-1.5)RE

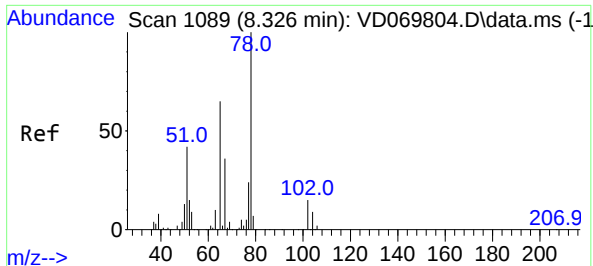
Tgt Ion:168 Resp: 135750
Ion Ratio Lower Upper
168 100
99 60.8 51.1 76.7



#16
Acetone
Concen: 18.143 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

Tgt Ion: 43 Resp: 5117
Ion Ratio Lower Upper
43 100
58 13.7 29.4 44.0#

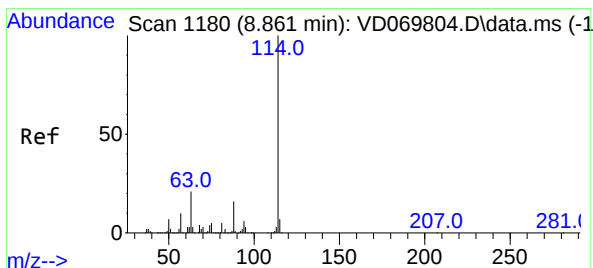
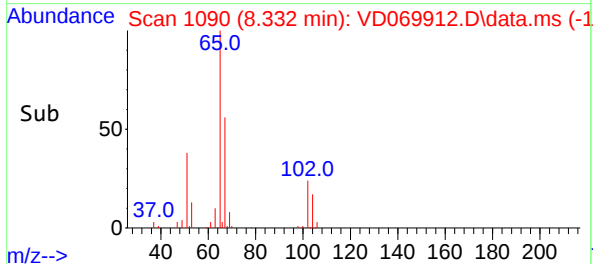
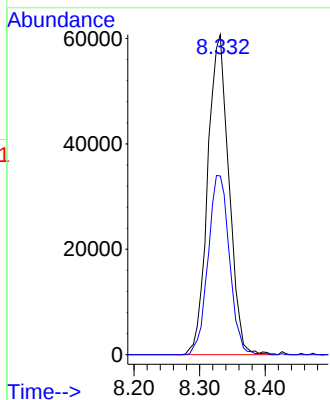
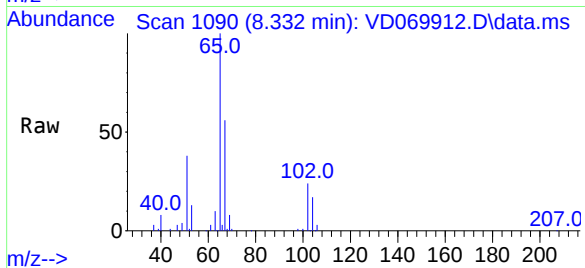




#33
1,2-Dichloroethane-d4
Concen: 87.143 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.005 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

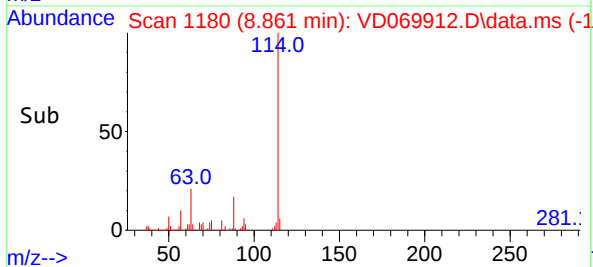
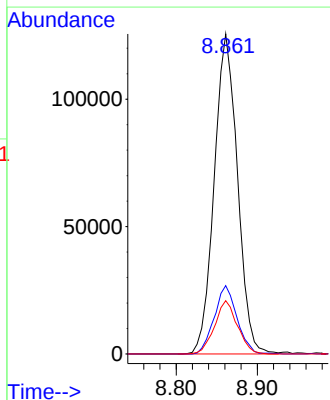
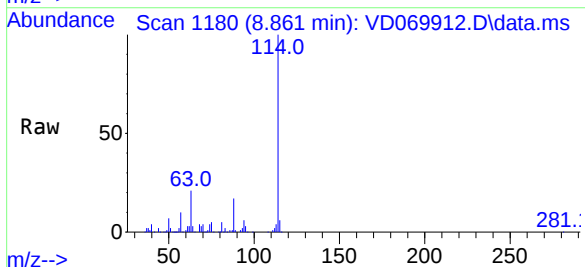
Instrument :
MSVOA_D
ClientSampleId :
SB-1(1.0-1.5)RE

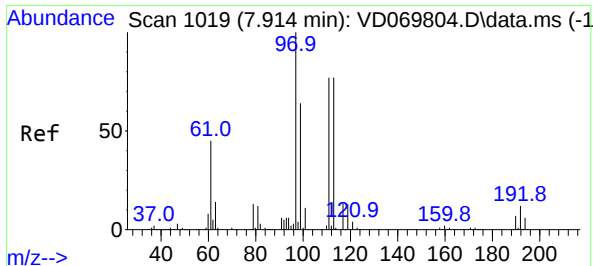
Tgt Ion: 65 Resp: 136051
Ion Ratio Lower Upper
65 100
67 56.5 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

Tgt Ion:114 Resp: 249918
Ion Ratio Lower Upper
114 100
63 21.4 0.0 41.6
88 16.7 0.0 31.4

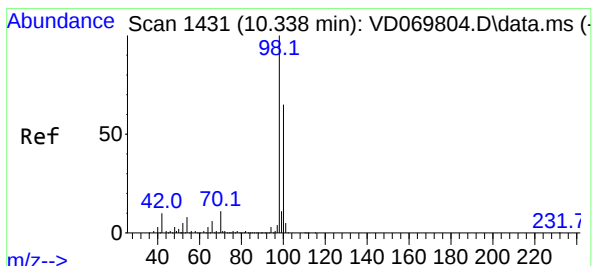
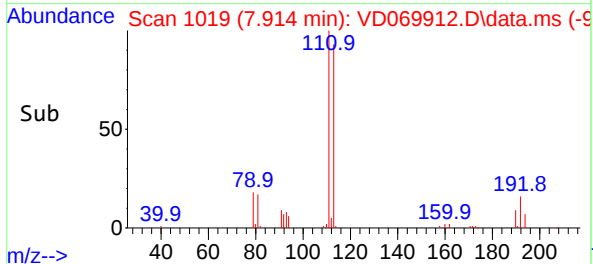
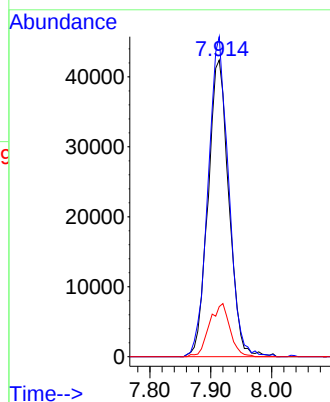
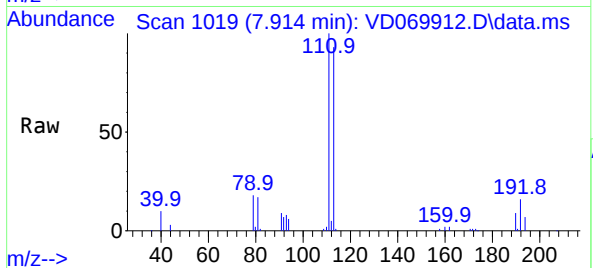




#35
Dibromofluoromethane
Concen: 63.905 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

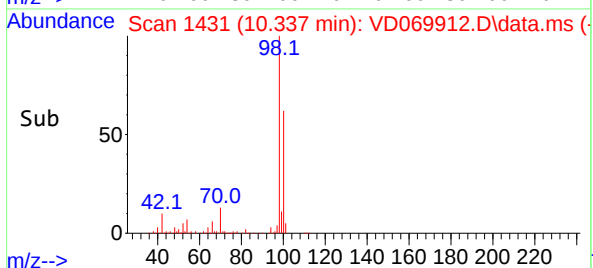
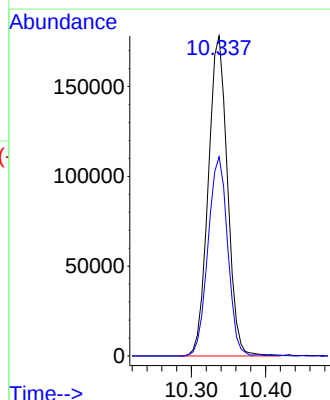
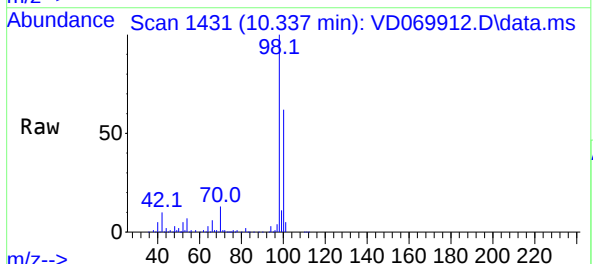
Instrument :
MSVOA_D
ClientSampleId :
SB-1(1.0-1.5)RE

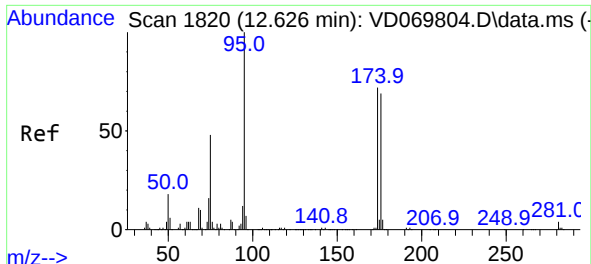
Tgt Ion:113 Resp: 100681
Ion Ratio Lower Upper
113 100
111 106.1 80.5 120.7
192 17.6 12.6 19.0



#50
Toluene-d8
Concen: 52.702 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

Tgt Ion: 98 Resp: 320163
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



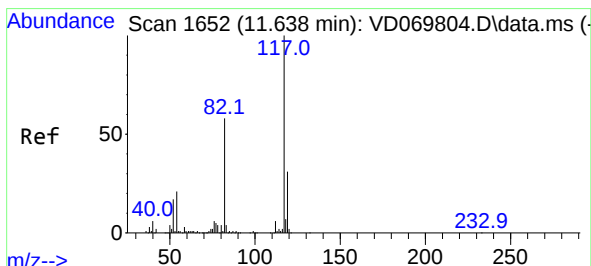
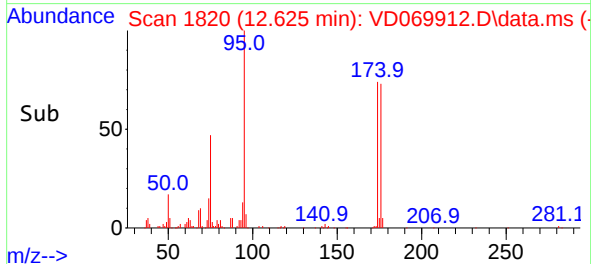
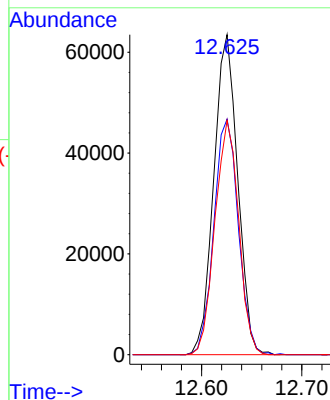
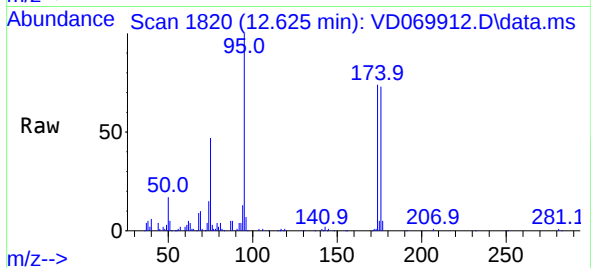


#62
4-Bromofluorobenzene
Concen: 51.647 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

Instrument :
MSVOA_D
ClientSampleId :
SB-1(1.0-1.5)RE

Tgt Ion: 95 Resp: 104857

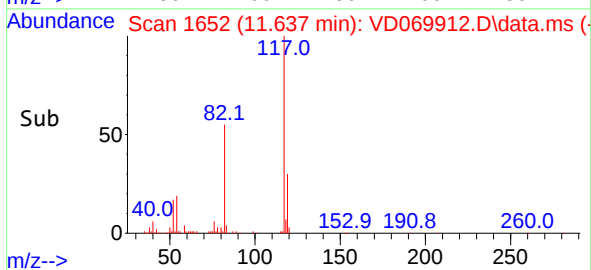
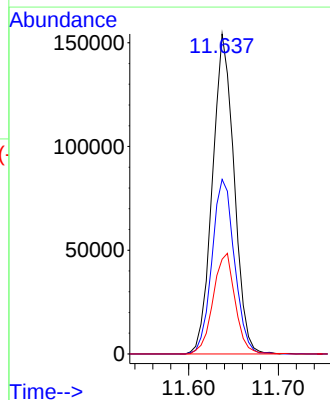
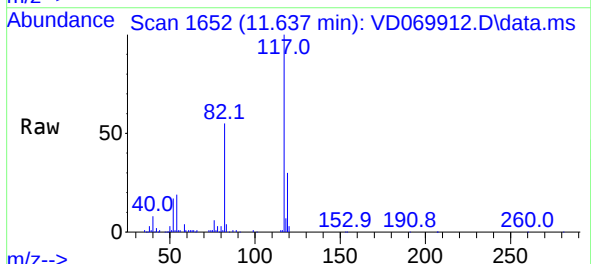
Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	142.6
176	72.6	0.0	134.2

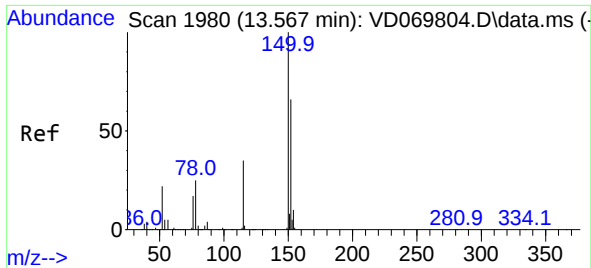


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

Tgt Ion: 117 Resp: 258581

Ion	Ratio	Lower	Upper
117	100		
82	54.5	46.3	69.5
119	29.6	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: VD069912.D
 Acq: 29 Jul 2021 15:31

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1(1.0-1.5)RE

Tgt Ion:152 Resp: 112032
 Ion Ratio Lower Upper
 152 100
 115 60.0 31.1 93.3
 150 154.6 0.0 343.0

