

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
 Data File : VD071231.D
 Acq On : 09 Dec 2021 16:35
 Operator : VA/SY
 Sample : M4990-11
 Misc : 5.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R8-6

Quant Time: Dec 10 06:45:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	27670	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	46840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	55716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	29520	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	24128	74.31	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 148.62%	
35) Dibromofluoromethane	7.909	113	16497	55.31	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.62%	
50) Toluene-d8	10.338	98	62310	54.89	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.78%	
62) 4-Bromofluorobenzene	12.620	95	27943	71.02	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 142.04%	

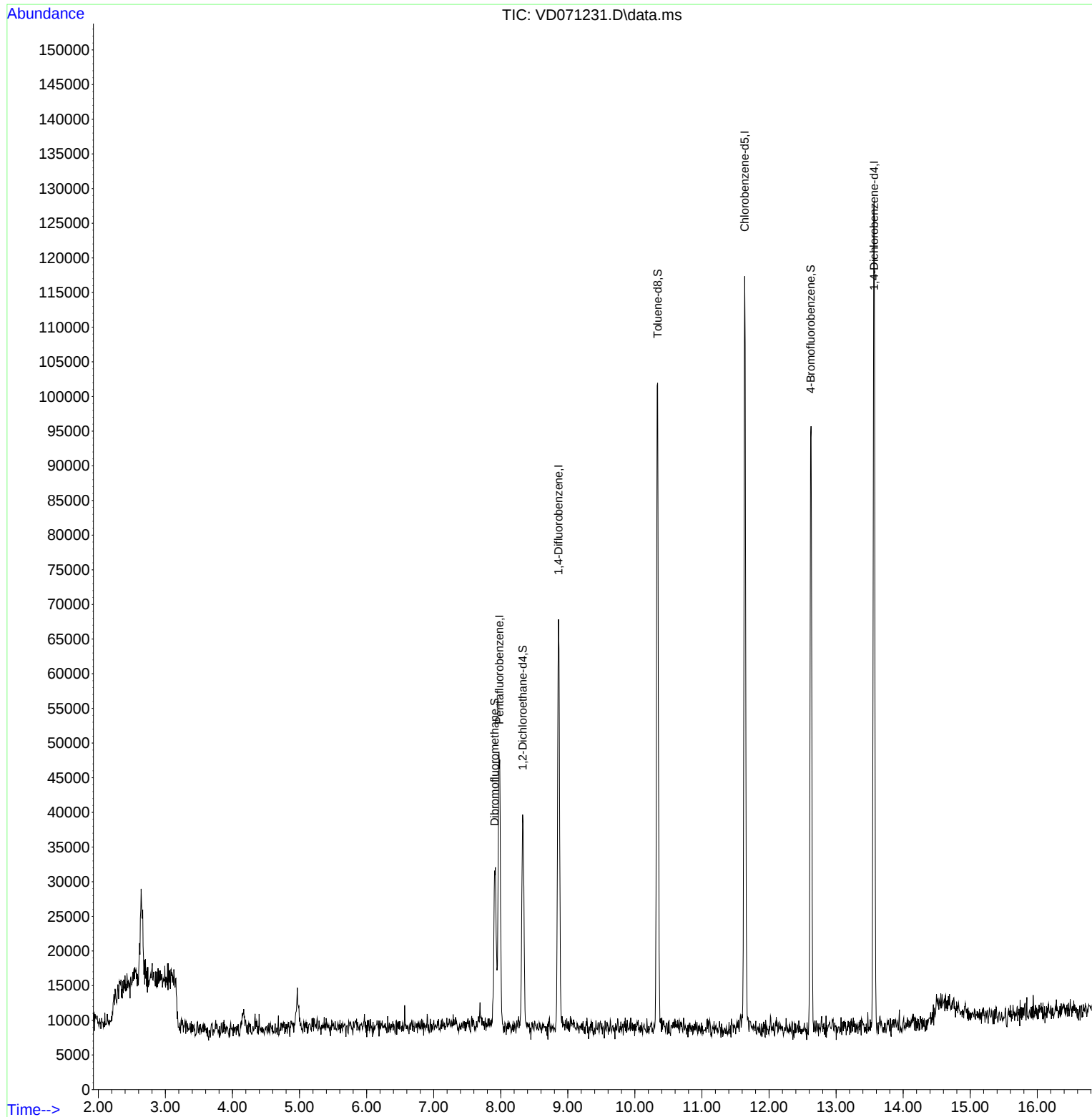
Target Compounds	Qvalue

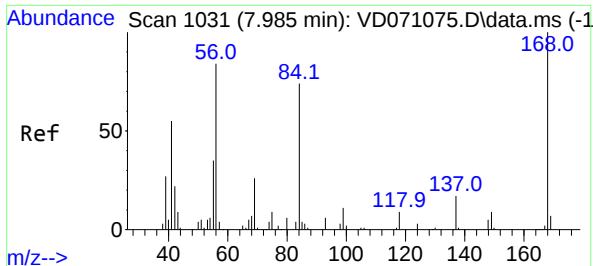
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
Data File : VD071231.D
Acq On : 09 Dec 2021 16:35
Operator : VA/SY
Sample : M4990-11
Misc : 5.54G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
R8-6

Quant Time: Dec 10 06:45:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

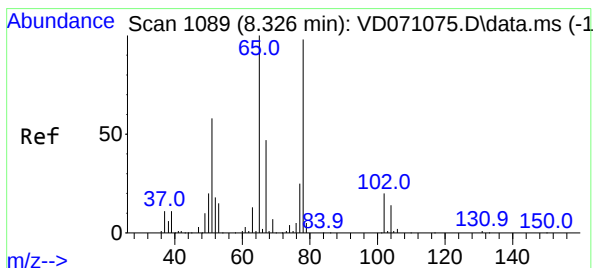
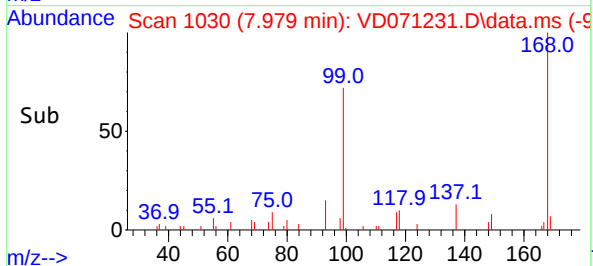
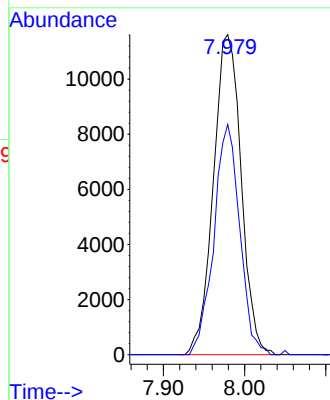
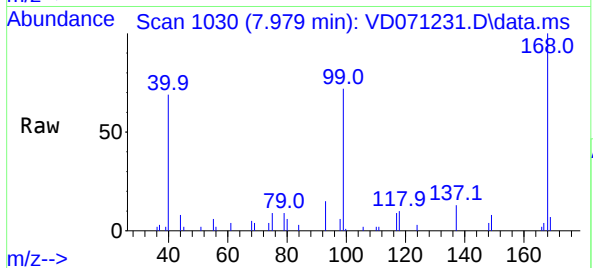




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071231.D
Acq: 09 Dec 2021 16:35

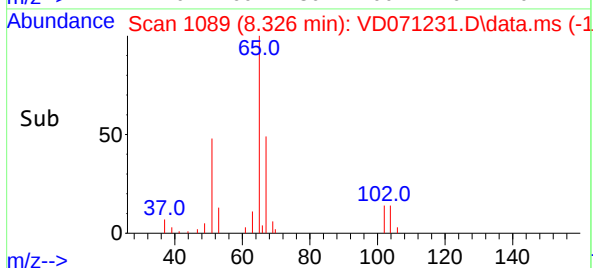
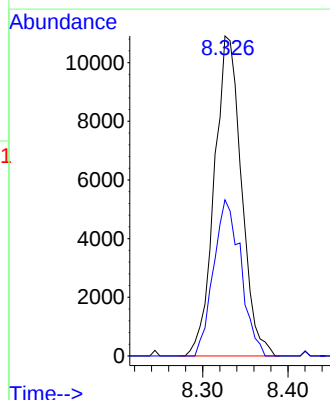
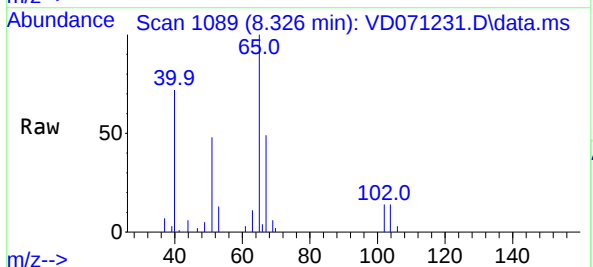
Instrument :
MSVOA_D
ClientSampleId :
R8-6

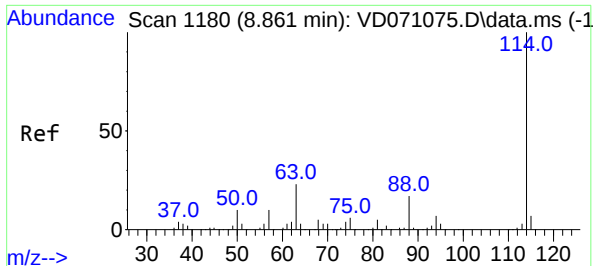
Tgt Ion:168 Resp: 27670
Ion Ratio Lower Upper
168 100
99 71.9 46.6 69.8#



#33
1,2-Dichloroethane-d4
Concen: 74.31 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071231.D
Acq: 09 Dec 2021 16:35

Tgt Ion: 65 Resp: 24128
Ion Ratio Lower Upper
65 100
67 49.0 0.0 112.2

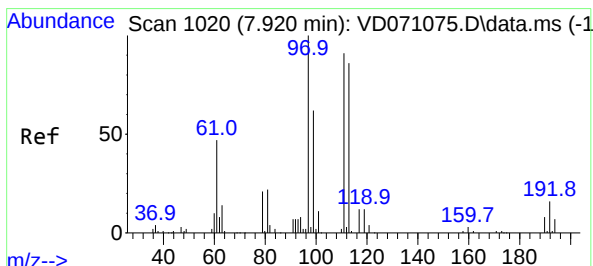
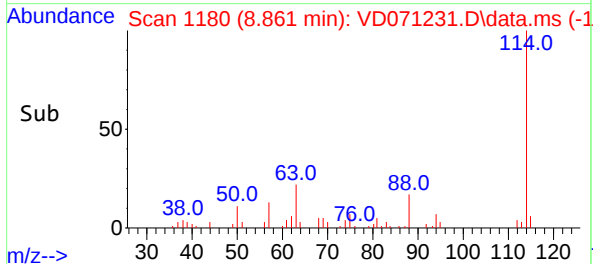
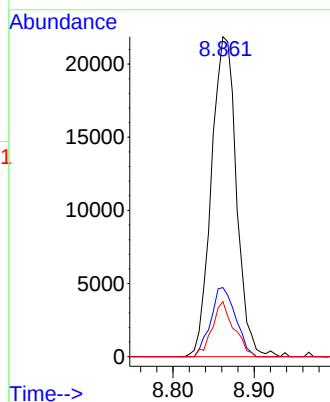
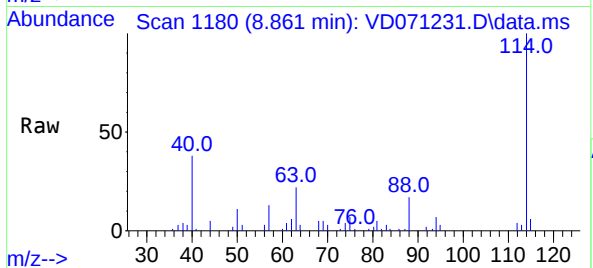




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071231.D
Acq: 09 Dec 2021 16:35

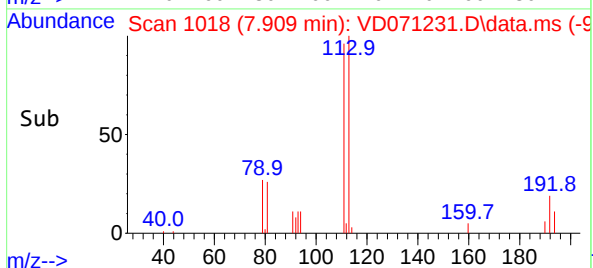
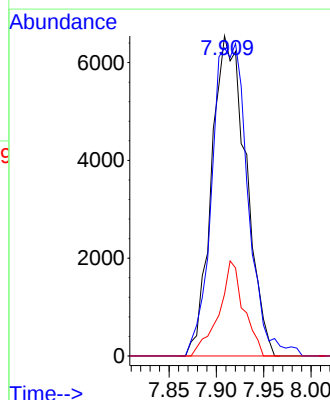
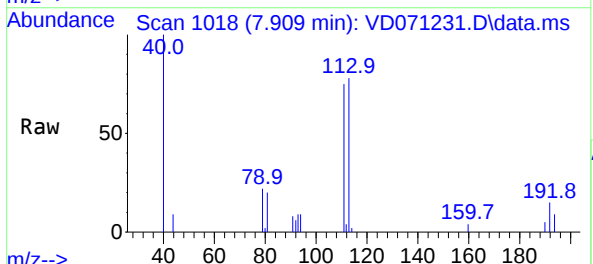
Instrument :
MSVOA_D
ClientSampleId :
R8-6

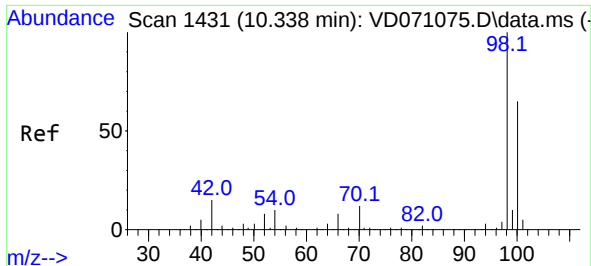
Tgt Ion:	114	Resp:	46840
Ion Ratio	Lower	Upper	
114	100		
63	21.6	0.0	41.8
88	17.2	0.0	32.8



#35
Dibromofluoromethane
Concen: 55.31 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.011 min
Lab File: VD071231.D
Acq: 09 Dec 2021 16:35

Tgt Ion:	113	Resp:	16497
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.0	123.0
192	21.6	15.2	22.8

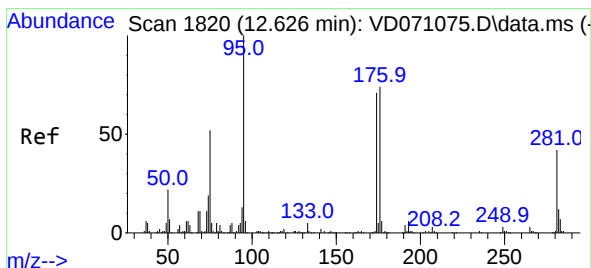
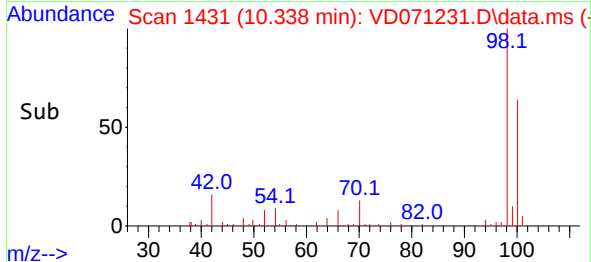
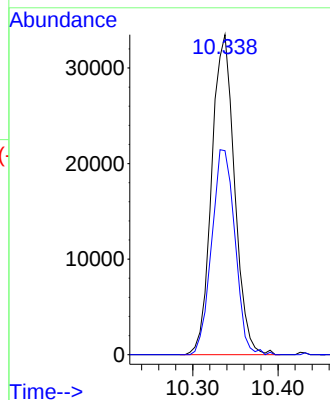
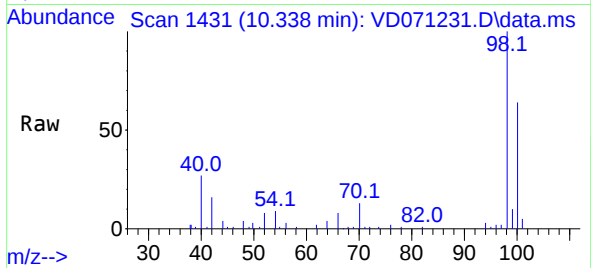




#50
Toluene-d8
Concen: 54.89 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071231.D
Acq: 09 Dec 2021 16:35

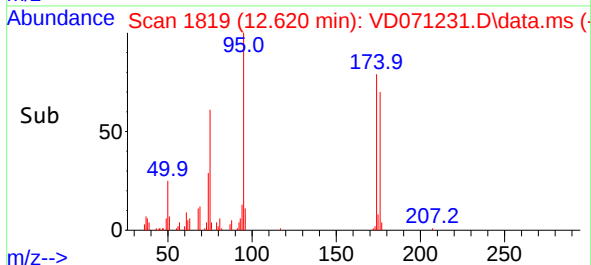
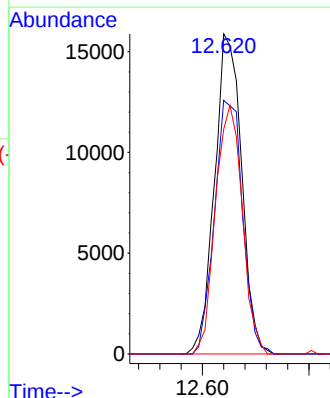
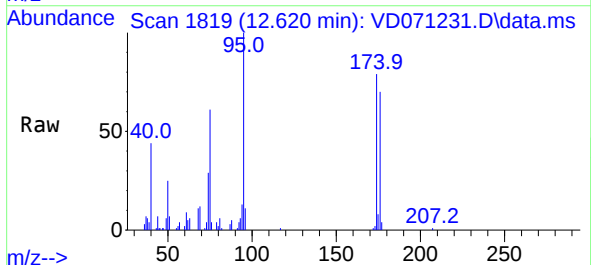
Instrument :
MSVOA_D
ClientSampleId :
R8-6

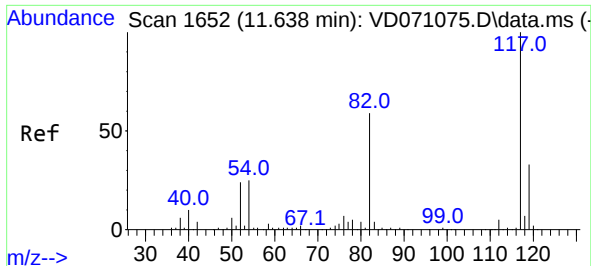
Tgt Ion: 98 Resp: 62310
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 71.02 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071231.D
Acq: 09 Dec 2021 16:35

Tgt Ion: 95 Resp: 27943
Ion Ratio Lower Upper
95 100
174 82.3 0.0 159.4
176 77.2 0.0 154.0

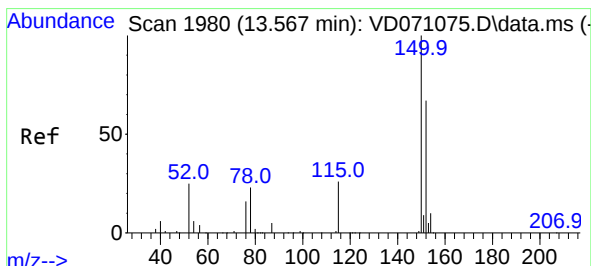
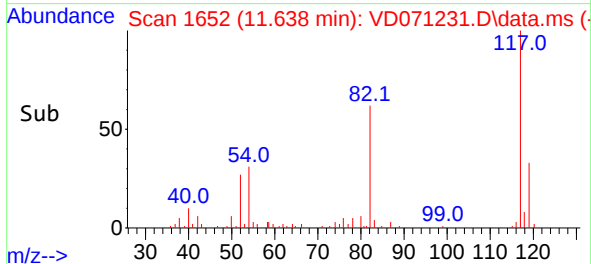
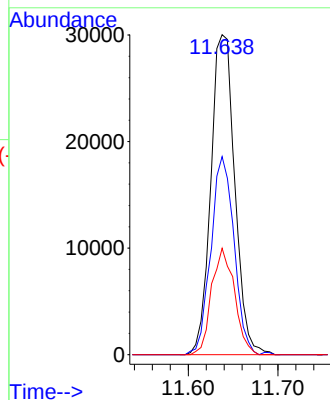
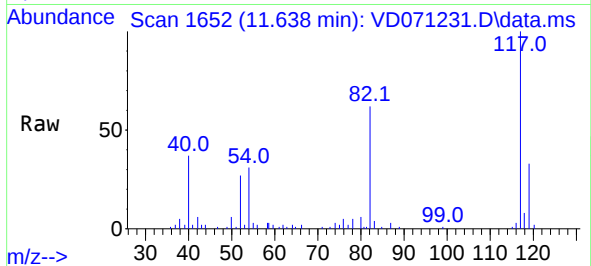




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071231.D
Acq: 09 Dec 2021 16:35

Instrument :
MSVOA_D
ClientSampleId :
R8-6

Tgt Ion:	117	Resp:	55716
Ion	Ratio	Lower	Upper
117	100		
82	61.9	44.7	67.1
119	33.3	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071231.D
Acq: 09 Dec 2021 16:35

Tgt Ion:	152	Resp:	29520
Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.8	89.3
150	160.6	0.0	349.2

