

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
 Data File : VD071201.D
 Acq On : 08 Dec 2021 13:12
 Operator : VA/SY
 Sample : M4955-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2022

Quant Time: Dec 09 10:15:03 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	9575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	17675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	19776	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	8991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	8579	76.359	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 152.720%	
35) Dibromofluoromethane	7.914	113	6552	58.213	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.420%	
50) Toluene-d8	10.338	98	20860	48.702	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.400%	
62) 4-Bromofluorobenzene	12.620	95	9165	61.729	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 123.460%	

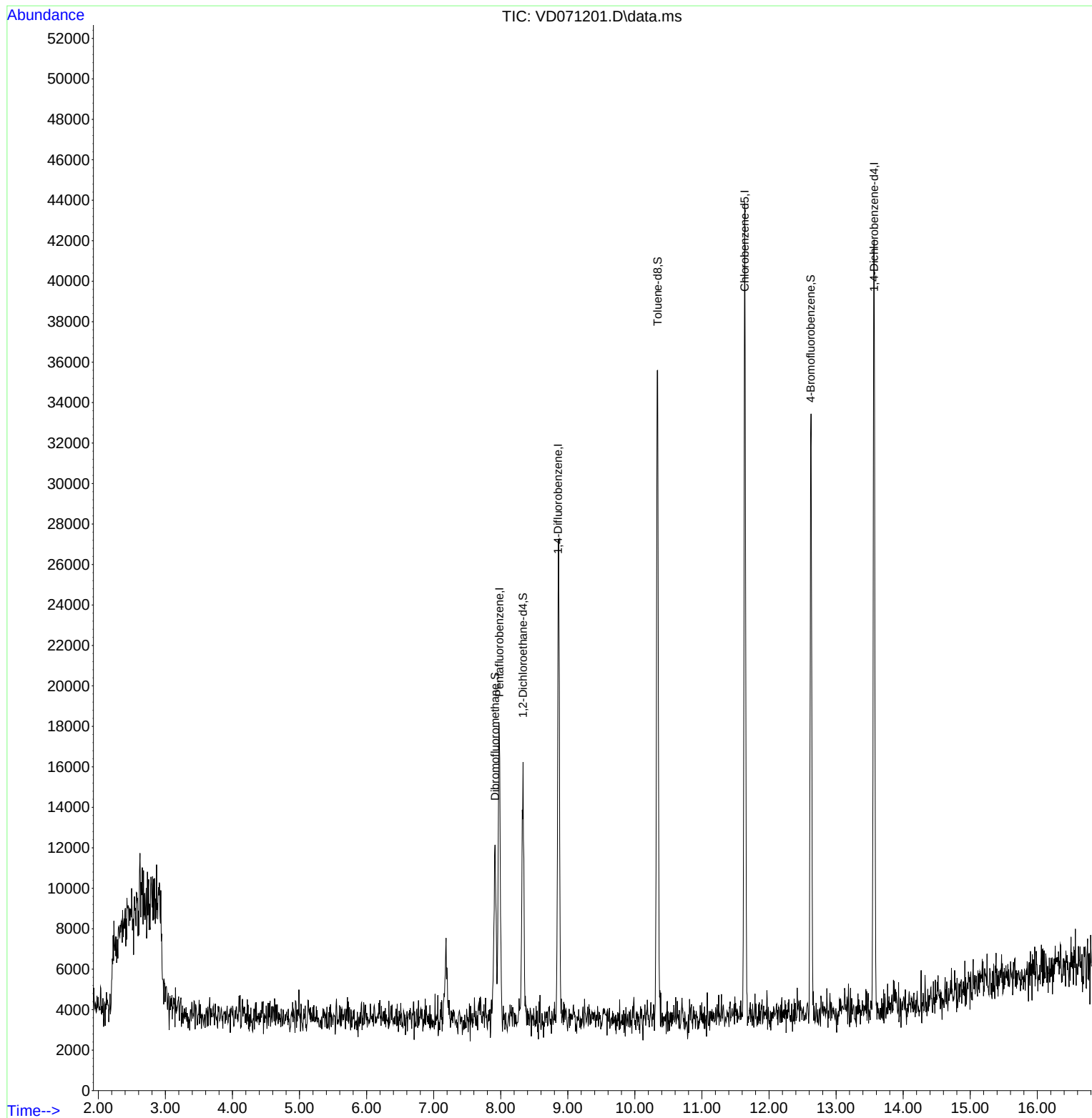
Target Compounds	Qvalue

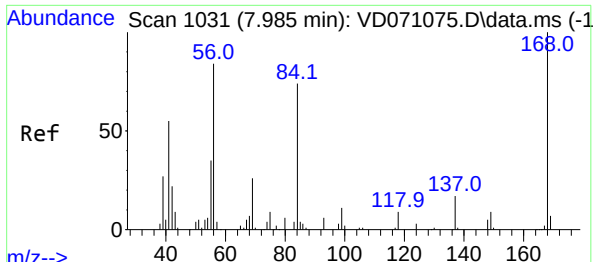
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
Data File : VD071201.D
Acq On : 08 Dec 2021 13:12
Operator : VA/SY
Sample : M4955-01
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
2022

Quant Time: Dec 09 10:15:03 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

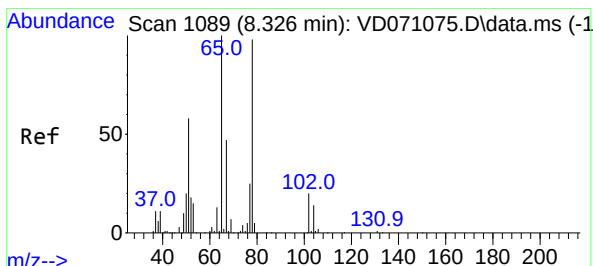
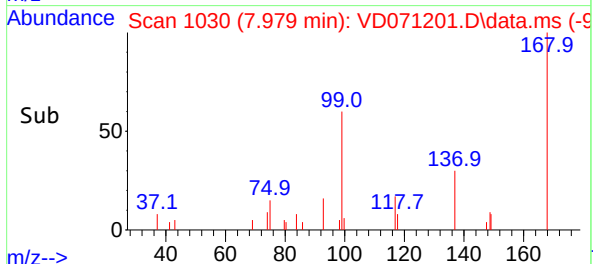
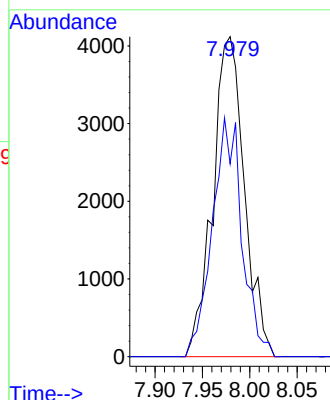
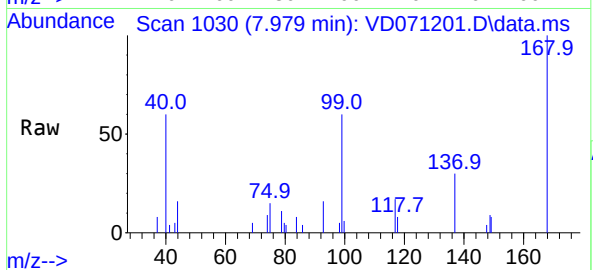




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071201.D
Acq: 08 Dec 2021 13:12

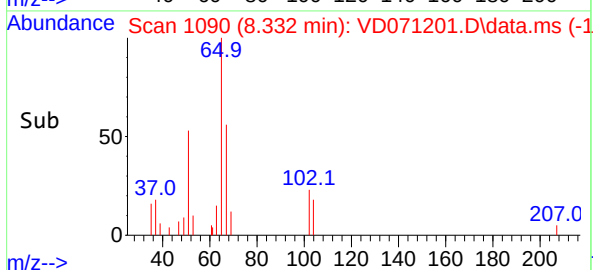
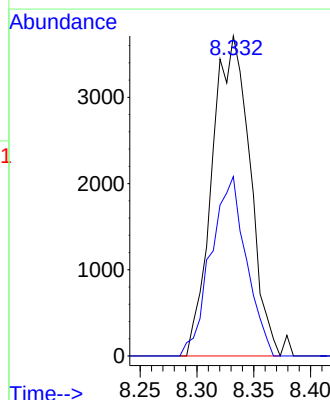
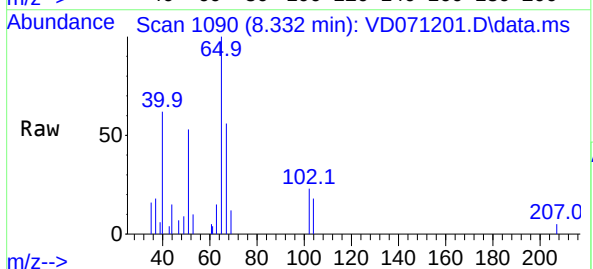
Instrument :
MSVOA_D
ClientSampleId :
2022

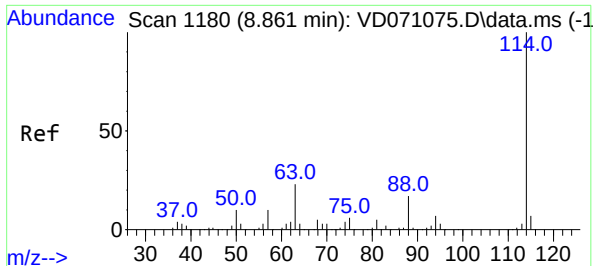
Tgt Ion:168 Resp: 9575
Ion Ratio Lower Upper
168 100
99 60.3 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 76.359 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071201.D
Acq: 08 Dec 2021 13:12

Tgt Ion: 65 Resp: 8579
Ion Ratio Lower Upper
65 100
67 52.5 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD071201.D

Acq: 08 Dec 2021 13:12

Instrument :

MSVOA_D

ClientSampleId :

2022

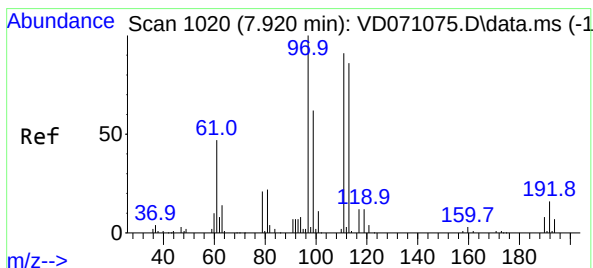
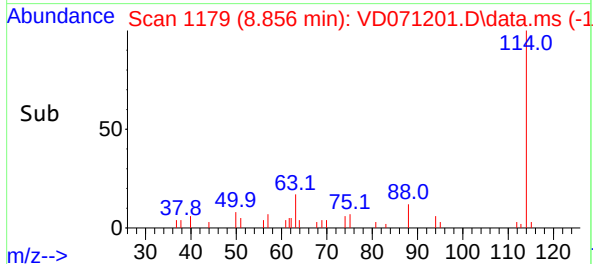
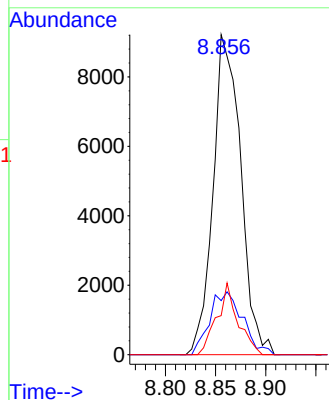
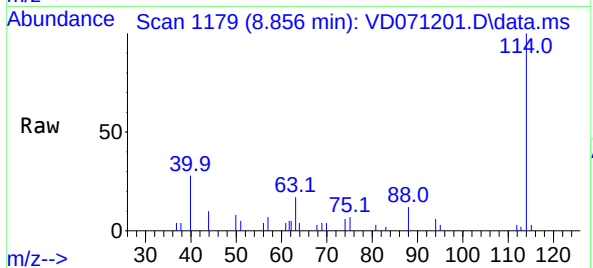
Tgt Ion:114 Resp: 17675

Ion Ratio Lower Upper

114 100

63 16.9 0.0 41.8

88 12.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 58.213 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071201.D

Acq: 08 Dec 2021 13:12

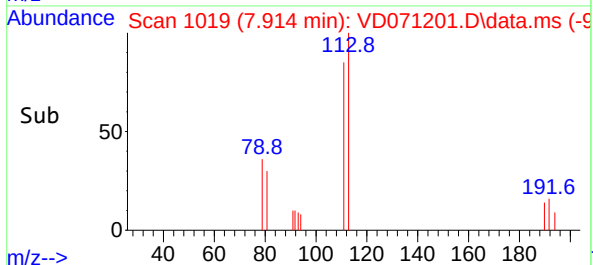
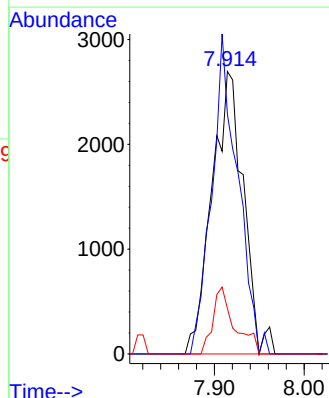
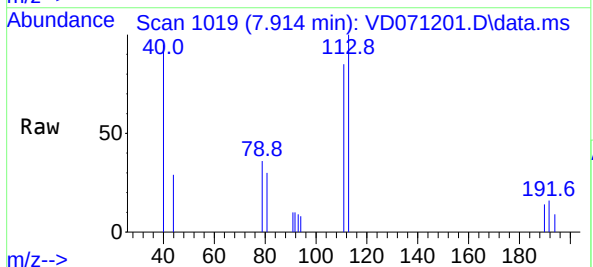
Tgt Ion:113 Resp: 6552

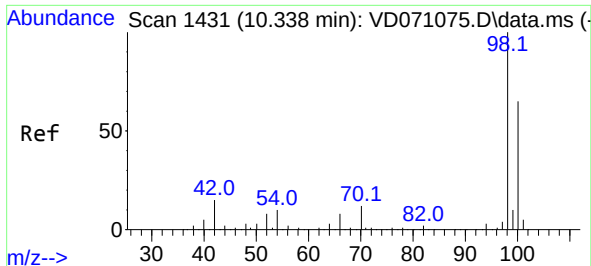
Ion Ratio Lower Upper

113 100

111 92.9 82.0 123.0

192 16.3 15.2 22.8

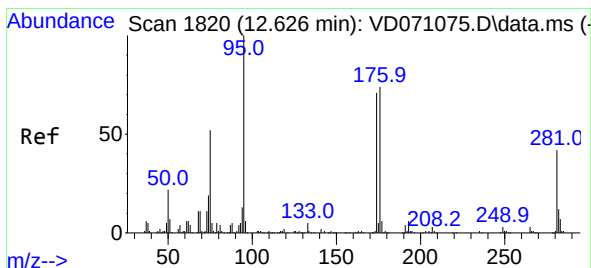
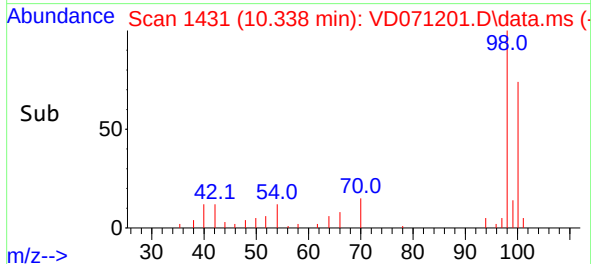
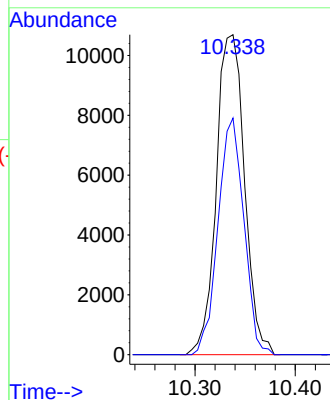
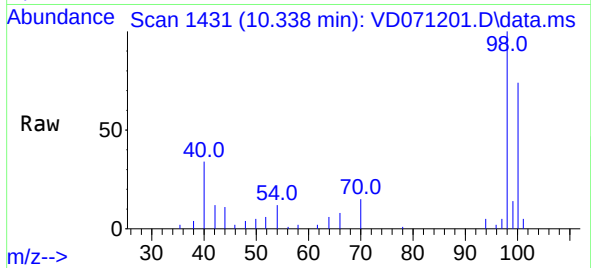




#50
Toluene-d8
Concen: 48.702 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071201.D
Acq: 08 Dec 2021 13:12

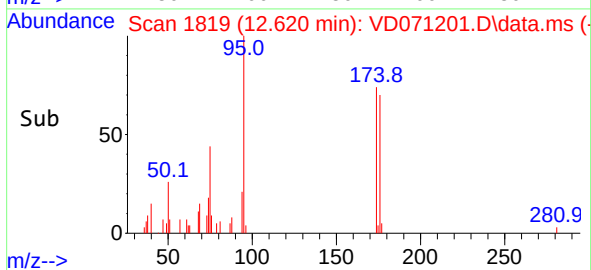
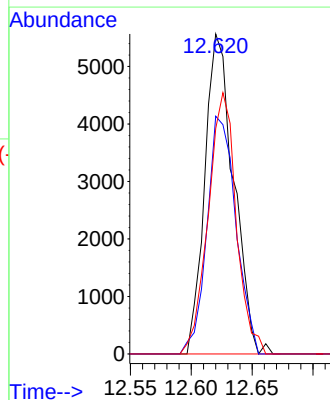
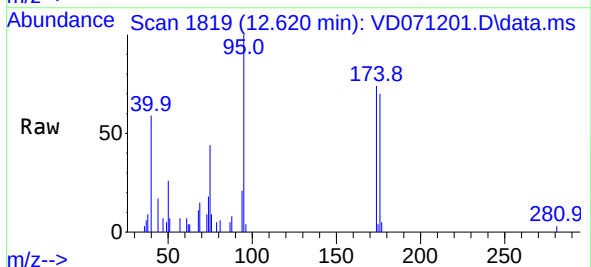
Instrument :
MSVOA_D
ClientSampleId :
2022

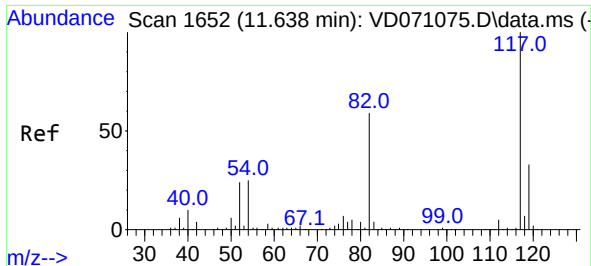
Tgt Ion: 98 Resp: 20860
Ion Ratio Lower Upper
98 100
100 67.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.729 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071201.D
Acq: 08 Dec 2021 13:12

Tgt Ion: 95 Resp: 9165
Ion Ratio Lower Upper
95 100
174 74.9 0.0 159.4
176 79.4 0.0 154.0

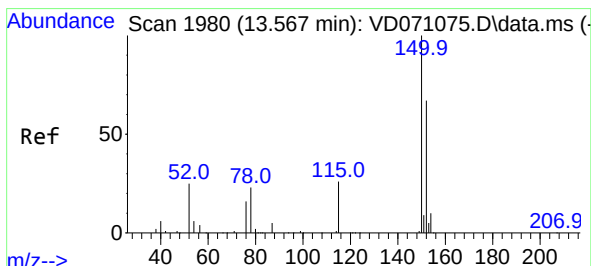
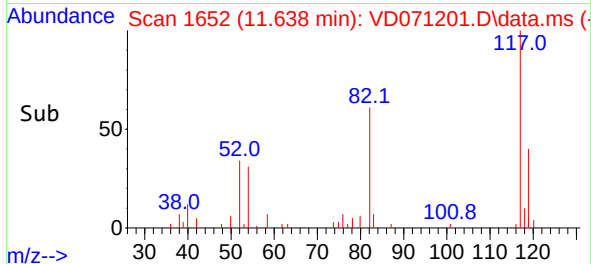
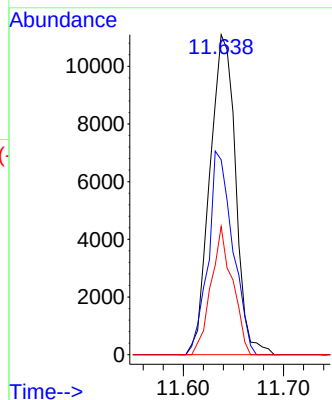
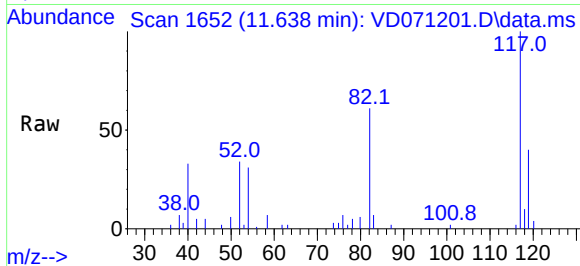




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11776
Delta R.T. -0.000 min
Lab File: VD071201.D
Acq: 08 Dec 2021 13:12

Instrument :
MSVOA_D
ClientSampleId :
2022

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.9	44.7	67.1
119	40.0	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071201.D
Acq: 08 Dec 2021 13:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.4	29.8	89.3
150	150.0	0.0	349.2

