

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120421\
 Data File : VD071158.D
 Acq On : 04 Dec 2021 22:00
 Operator : VA/SY
 Sample : M4927-14
 Misc : 5.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PH1-BOT-20

Quant Time: Dec 06 04:34:48 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	37097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	65624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	79406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	40934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	34100	78.339	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 156.680%	
35) Dibromofluoromethane	7.920	113	24237	57.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.000%	
50) Toluene-d8	10.332	98	84357	53.046	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.100%	
62) 4-Bromofluorobenzene	12.626	95	38056	69.036	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 138.080%	

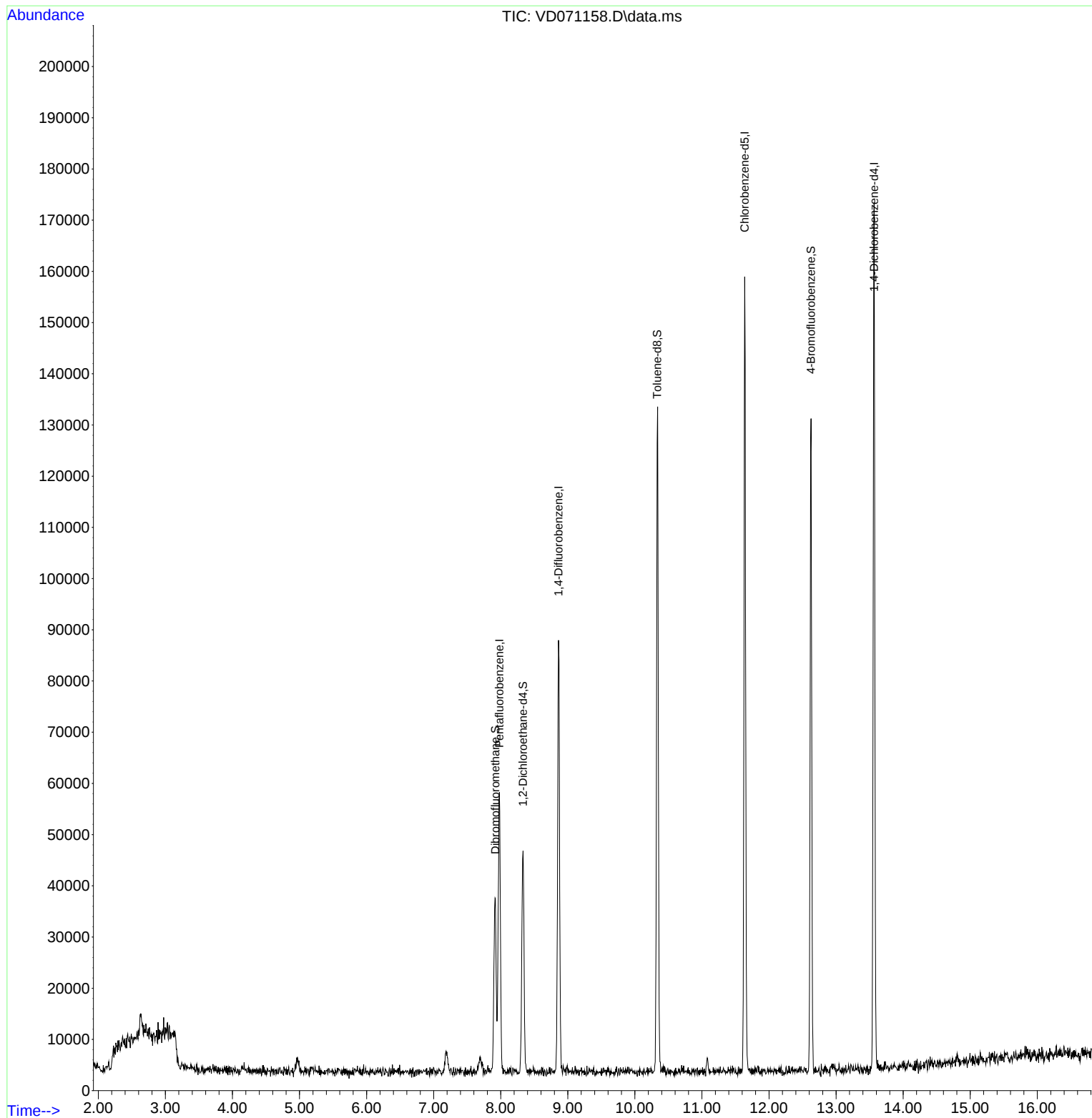
Target Compounds	Qvalue

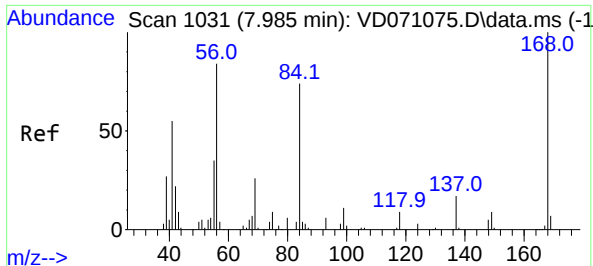
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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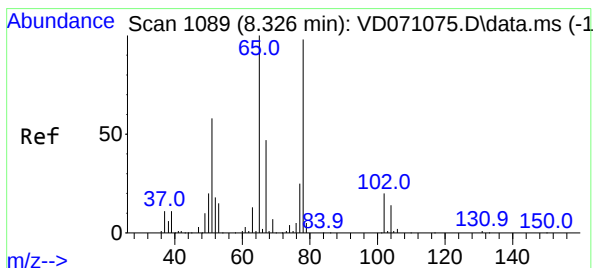
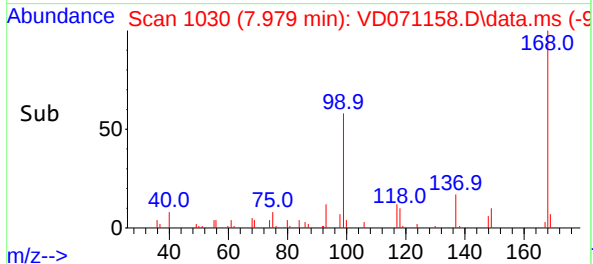
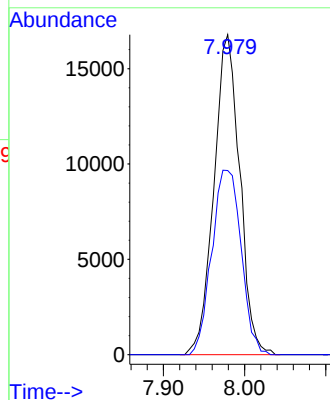
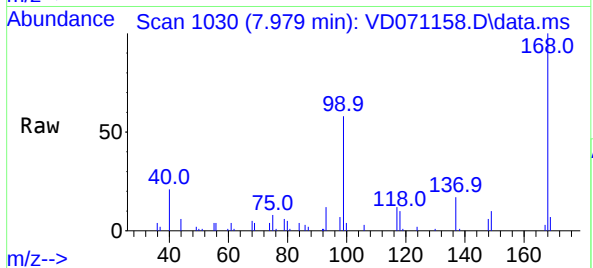




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071158.D
Acq: 04 Dec 2021 22:00

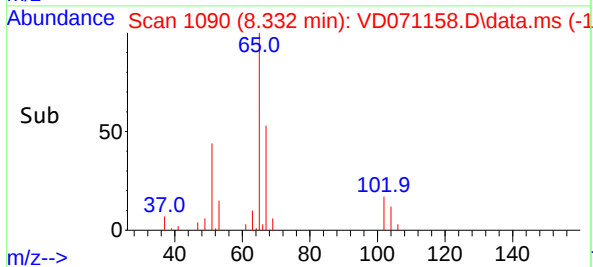
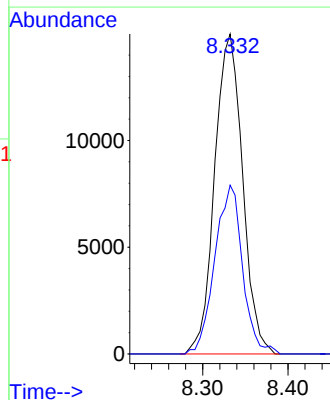
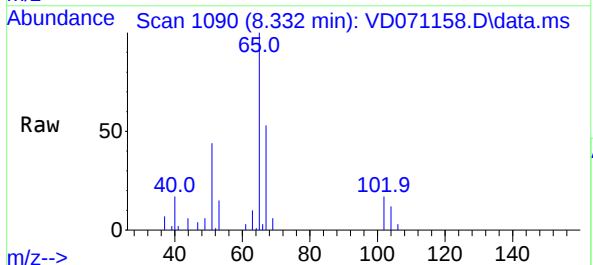
Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-20

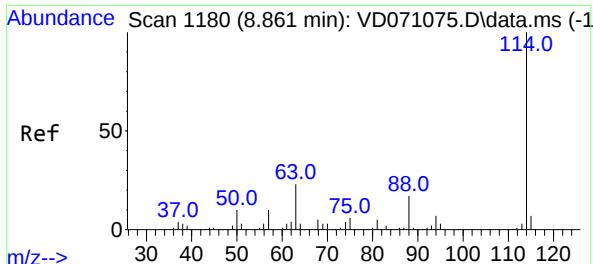
Tgt Ion:168 Resp: 37097
Ion Ratio Lower Upper
168 100
99 57.6 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 78.339 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071158.D
Acq: 04 Dec 2021 22:00

Tgt Ion: 65 Resp: 34100
Ion Ratio Lower Upper
65 100
67 52.4 0.0 112.2

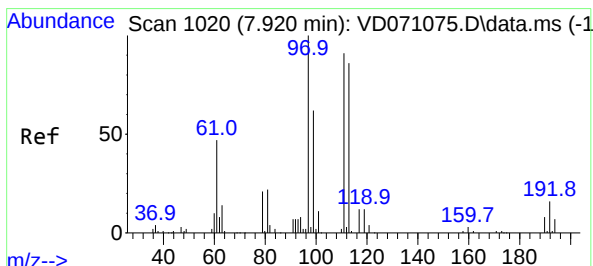
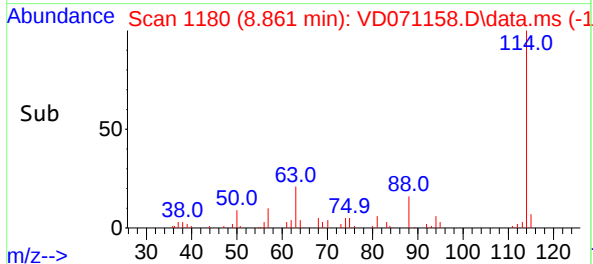
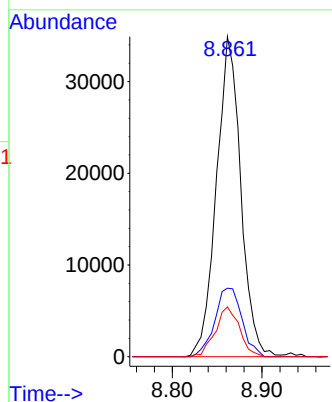
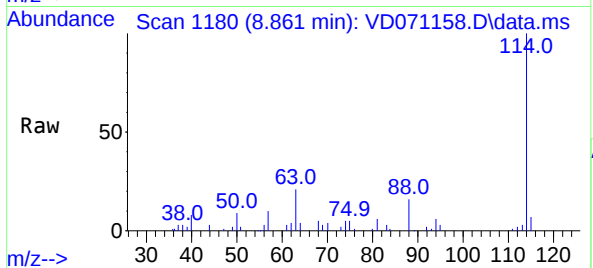




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071158.D
Acq: 04 Dec 2021 22:00

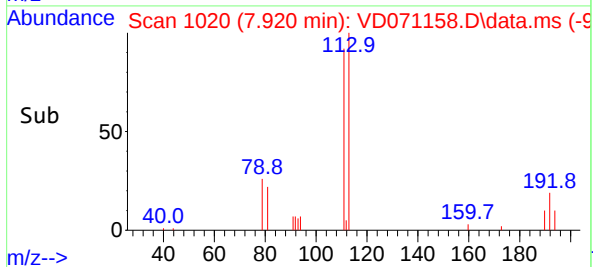
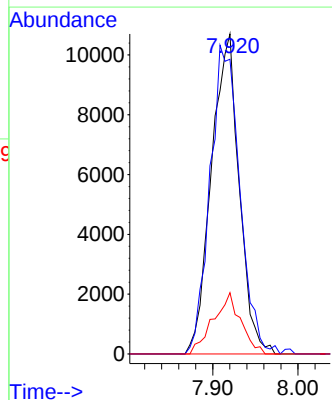
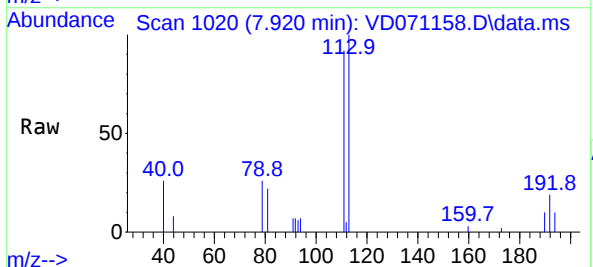
Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-20

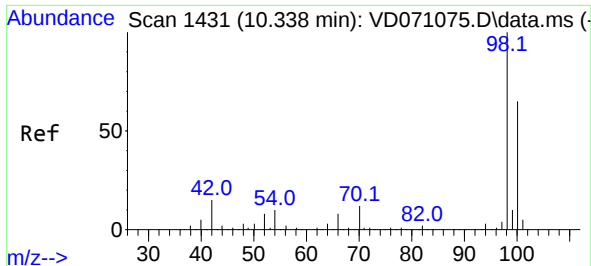
Tgt Ion:114 Resp: 65624
Ion Ratio Lower Upper
114 100
63 21.4 0.0 41.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 57.999 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD071158.D
Acq: 04 Dec 2021 22:00

Tgt Ion:113 Resp: 24237
Ion Ratio Lower Upper
113 100
111 102.9 82.0 123.0
192 18.9 15.2 22.8

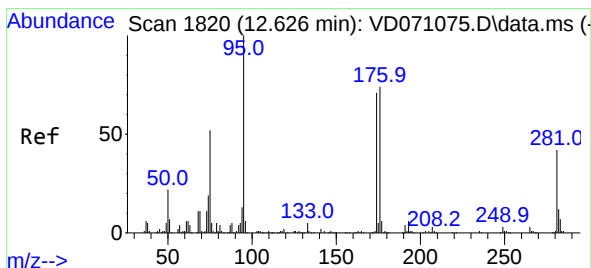
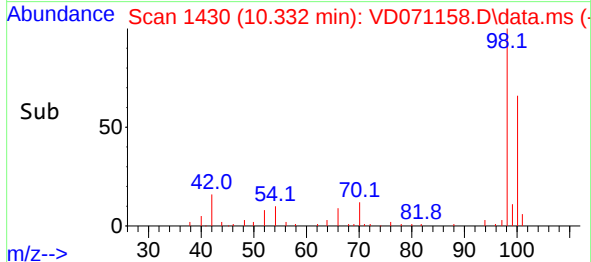
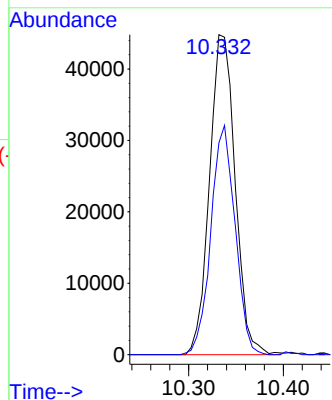
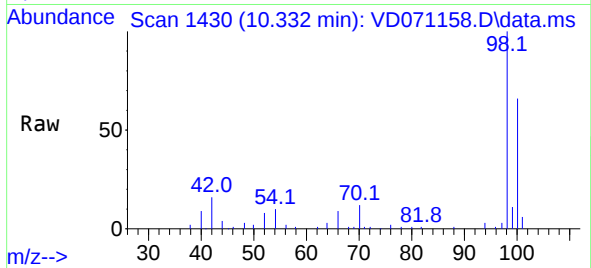




#50
Toluene-d8
Concen: 53.046 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071158.D
Acq: 04 Dec 2021 22:00

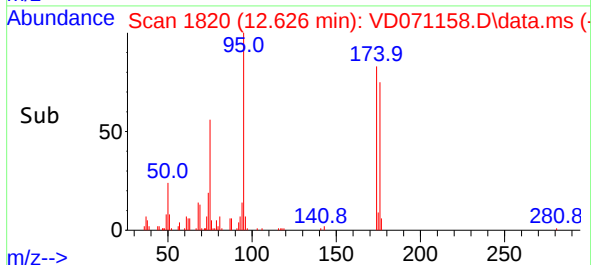
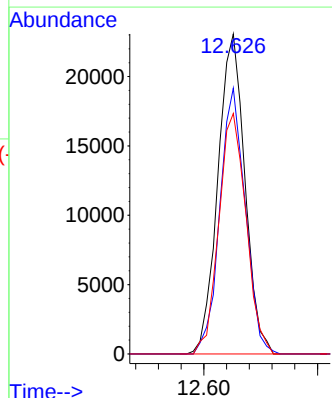
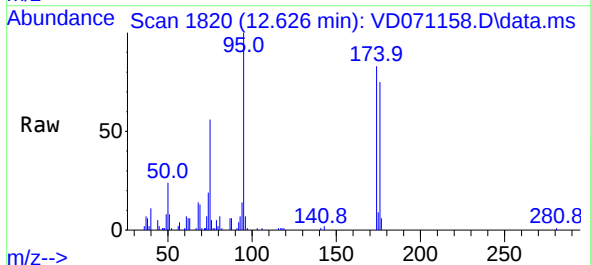
Instrument :
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ClientSampleId :
PH1-BOT-20

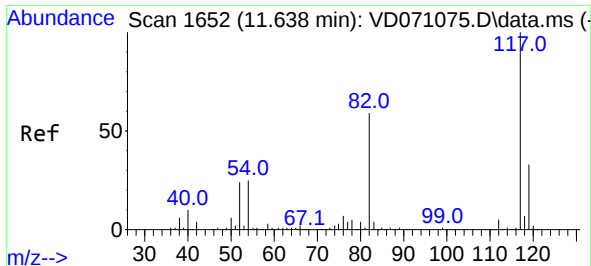
Tgt Ion: 98 Resp: 84357
Ion Ratio Lower Upper
98 100
100 67.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 69.036 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071158.D
Acq: 04 Dec 2021 22:00

Tgt Ion: 95 Resp: 38056
Ion Ratio Lower Upper
95 100
174 78.6 0.0 159.4
176 75.8 0.0 154.0

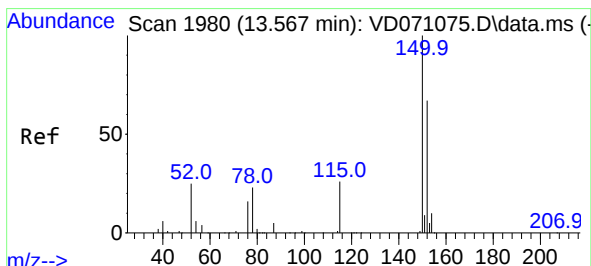
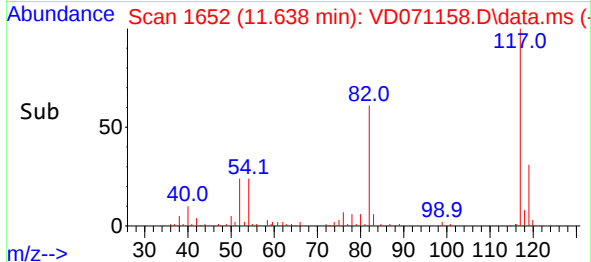
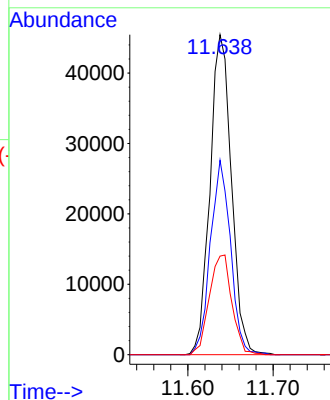
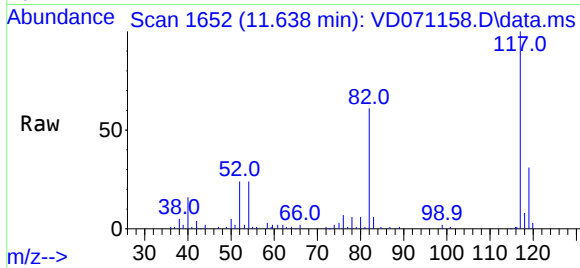




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071158.D
Acq: 04 Dec 2021 22:00

Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-20

Tgt Ion:117	Resp:	79406
Ion	Ratio	Lower Upper
117	100	
82	60.8	44.7 67.1
119	30.8	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: VD071158.D
Acq: 04 Dec 2021 22:00

Tgt Ion:152	Resp:	40934
Ion	Ratio	Lower Upper
152	100	
115	60.9	29.8 89.3
150	157.4	0.0 349.2

