

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121721\
 Data File : VD071377.D
 Acq On : 17 Dec 2021 10:47
 Operator : VA/SY
 Sample : VD1217SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1217SBL01

Quant Time: Dec 19 01:50:52 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	7.973	168	258609	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.855	114	453456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	423986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	200115	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	180123	59.359	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.720%
35) Dibromofluoromethane	7.903	113	161318	55.867	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.740%
50) Toluene-d8	10.332	98	526749	47.936	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.880%
62) 4-Bromofluorobenzene	12.620	95	195205	51.247	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.500%

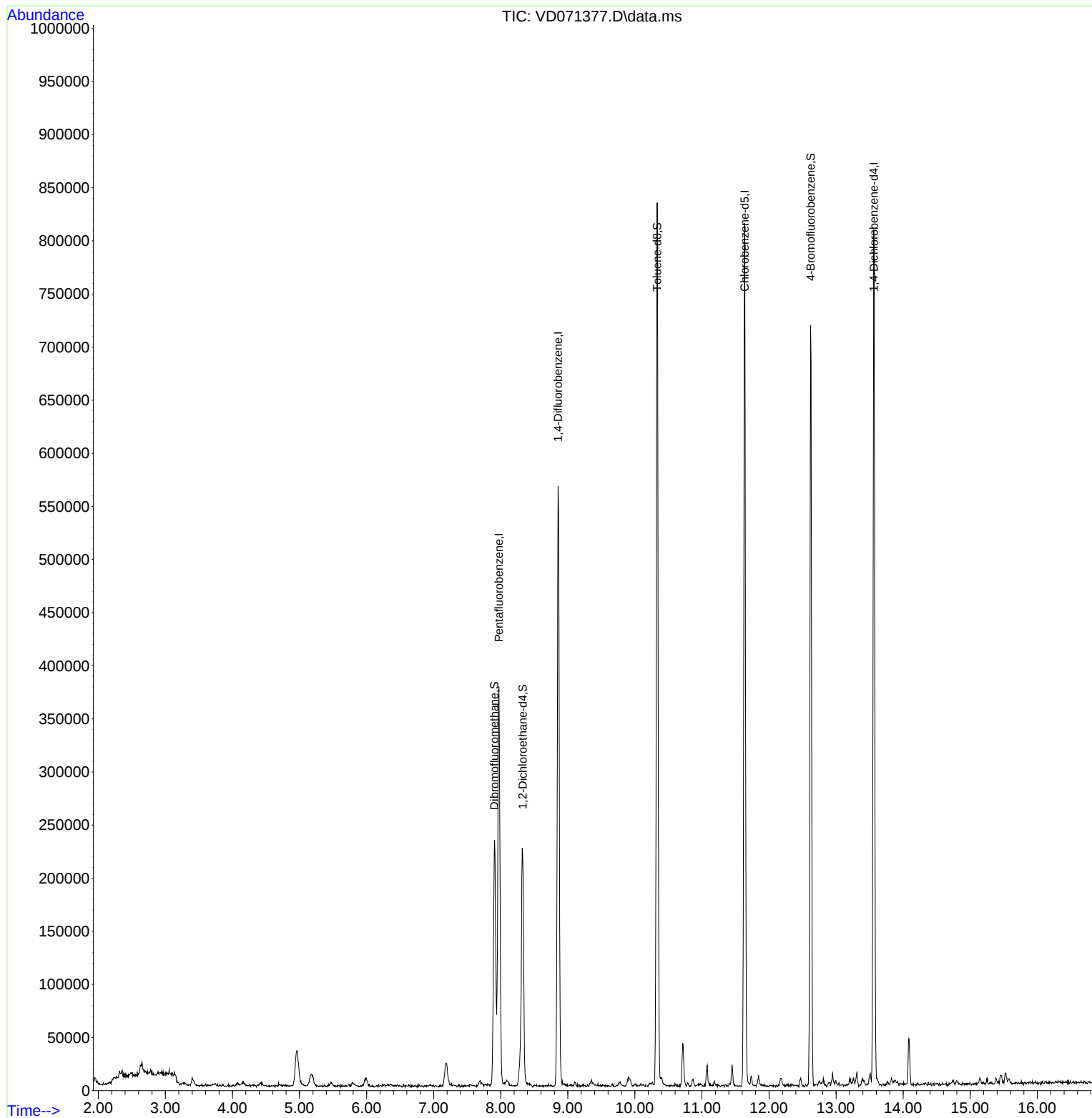
Target Compounds	Qvalue

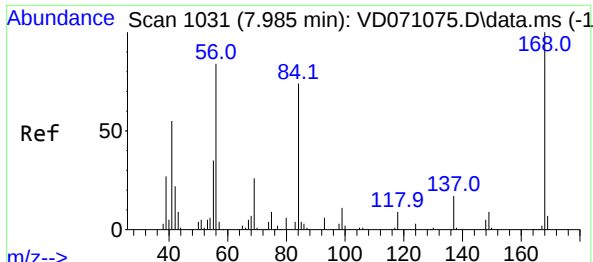
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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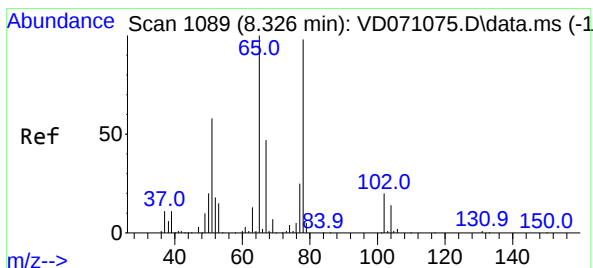
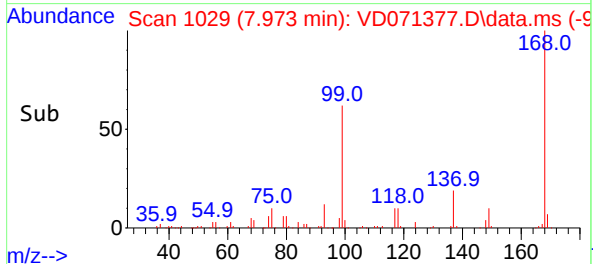
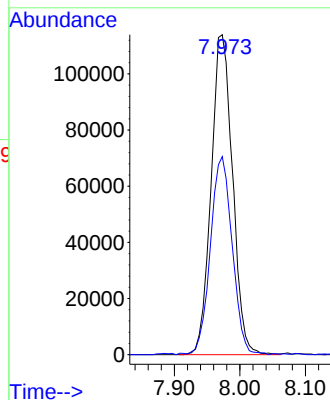
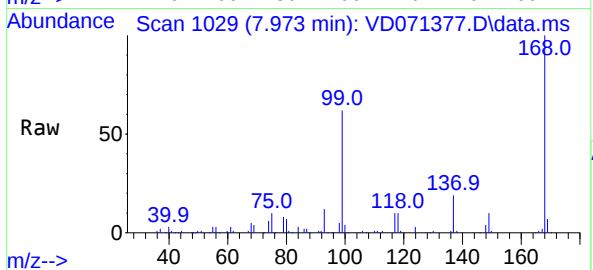




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071377.D
Acq: 17 Dec 2021 10:47

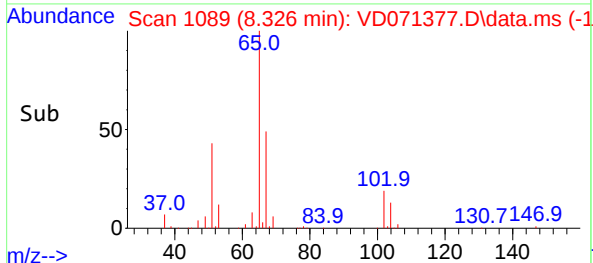
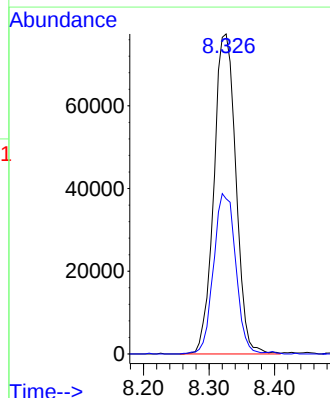
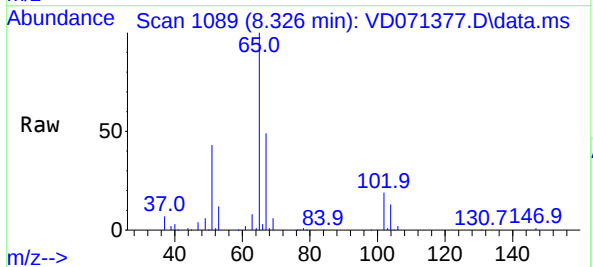
Instrument :
MSVOA_D
ClientSampleId :
VD1217SBL01

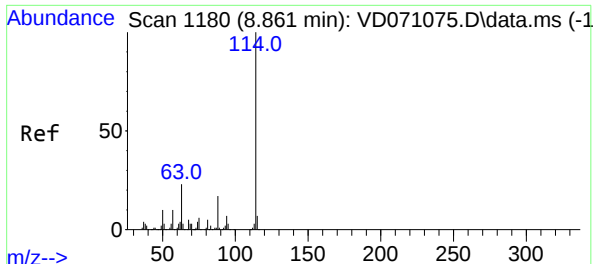
Tgt Ion:168 Resp: 258609
Ion Ratio Lower Upper
168 100
99 61.7 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 59.359 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071377.D
Acq: 17 Dec 2021 10:47

Tgt Ion: 65 Resp: 180123
Ion Ratio Lower Upper
65 100
67 50.4 0.0 112.2

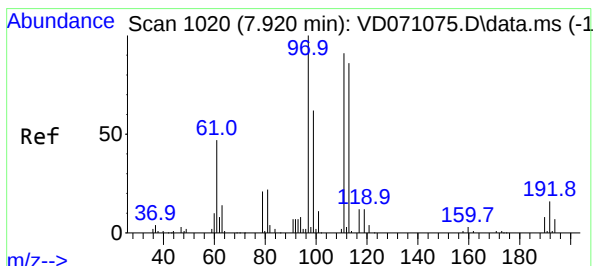
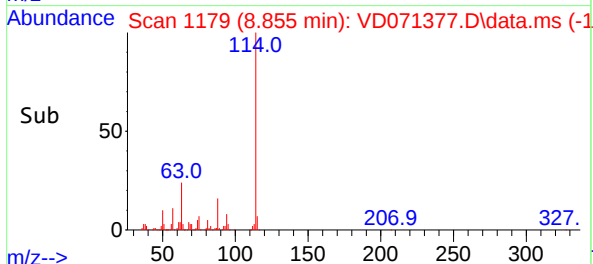
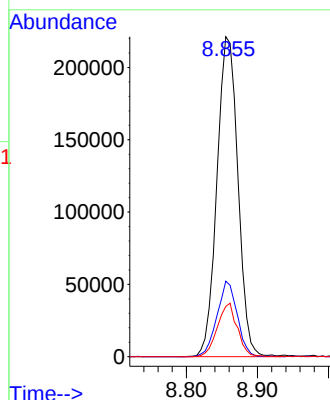
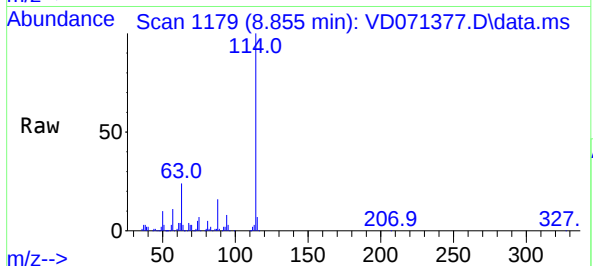




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD071377.D
Acq: 17 Dec 2021 10:47

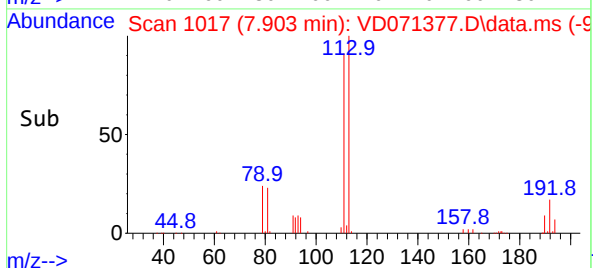
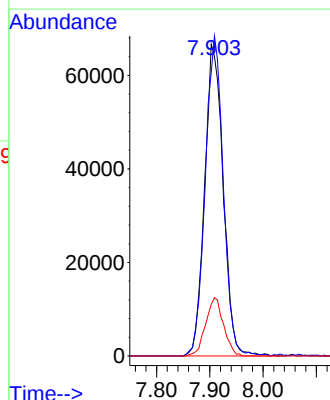
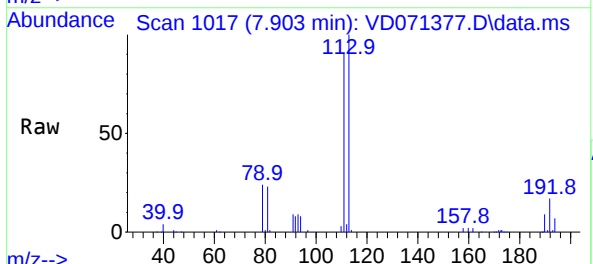
Instrument :
MSVOA_D
ClientSampleId :
VD1217SBL01

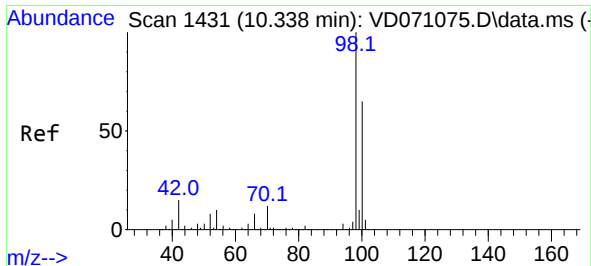
Tgt Ion:114 Resp: 453456
Ion Ratio Lower Upper
114 100
63 23.6 0.0 41.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 55.867 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.017 min
Lab File: VD071377.D
Acq: 17 Dec 2021 10:47

Tgt Ion:113 Resp: 161318
Ion Ratio Lower Upper
113 100
111 100.2 82.0 123.0
192 18.0 15.2 22.8

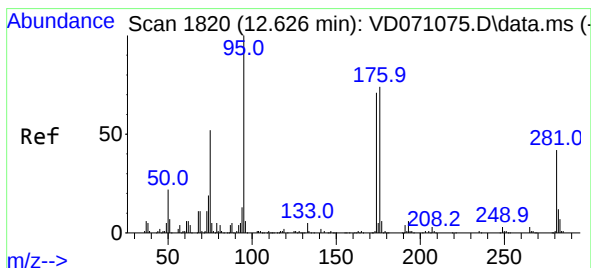
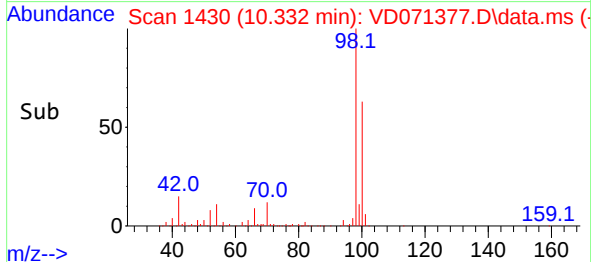
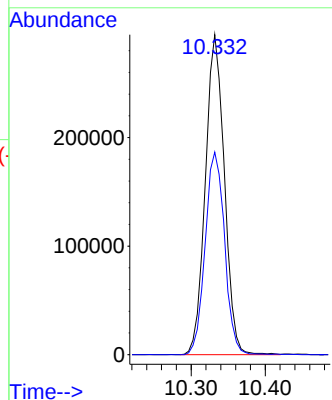
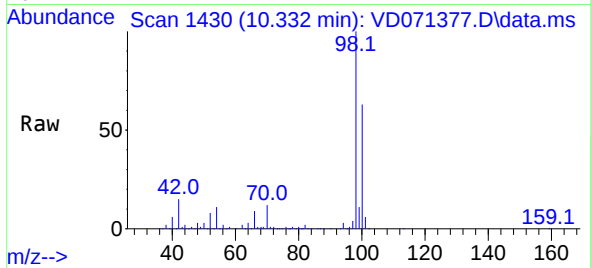




#50
Toluene-d8
Concen: 47.936 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071377.D
Acq: 17 Dec 2021 10:47

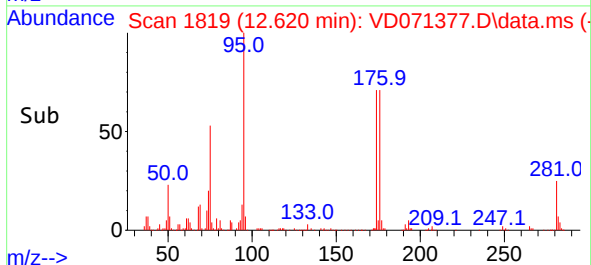
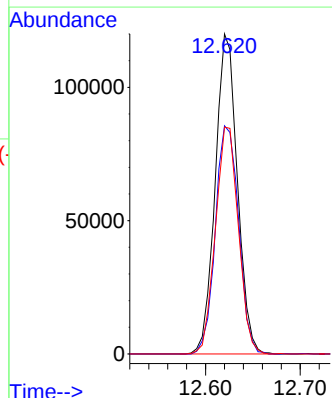
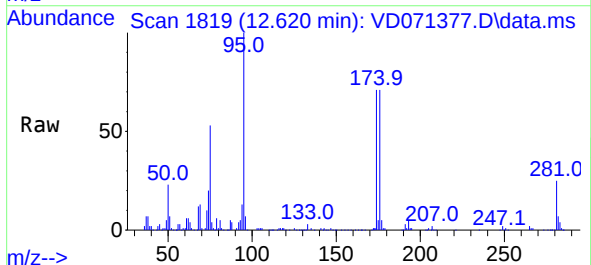
Instrument :
MSVOA_D
ClientSampleId :
VD1217SBL01

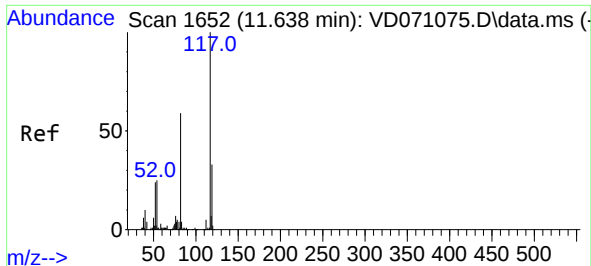
Tgt Ion: 98 Resp: 526749
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.247 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071377.D
Acq: 17 Dec 2021 10:47

Tgt Ion: 95 Resp: 195205
Ion Ratio Lower Upper
95 100
174 75.0 0.0 159.4
176 73.4 0.0 154.0

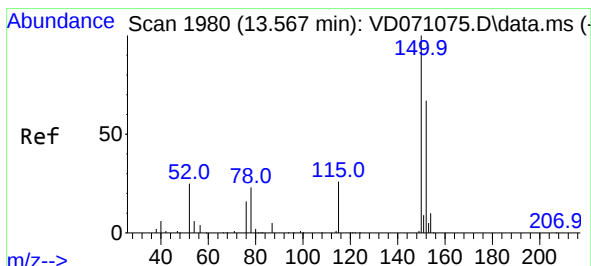
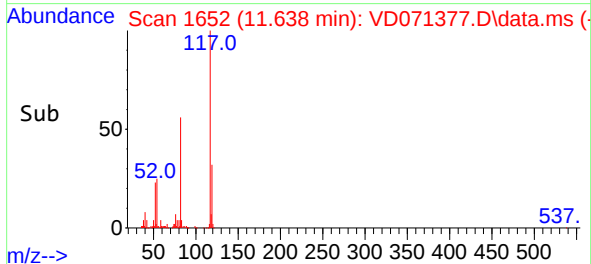
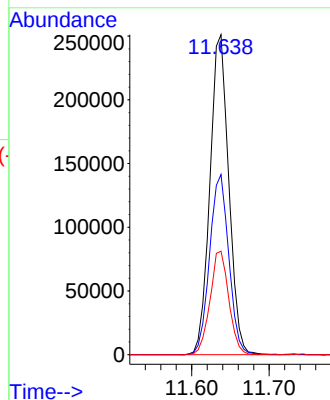
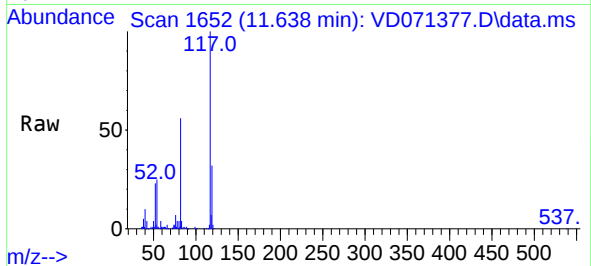




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071377.D
Acq: 17 Dec 2021 10:47

Instrument :
MSVOA_D
ClientSampleId :
VD1217SBL01

Tgt Ion:117 Resp: 423986
Ion Ratio Lower Upper
117 100
82 56.3 44.7 67.1
119 32.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071377.D
Acq: 17 Dec 2021 10:47

Tgt Ion:152 Resp: 200115
Ion Ratio Lower Upper
152 100
115 57.4 29.8 89.3
150 153.9 0.0 349.2

