

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
 Data File : VD071243.D
 Acq On : 10 Dec 2021 11:18
 Operator : VA/SY
 Sample : VD1210SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1210SBL01

Quant Time: Dec 10 15:22:56 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	198895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	353241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	320209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	145697	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	138650	59.41	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.82%
35) Dibromofluoromethane	7.914	113	122900	54.64	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.28%
50) Toluene-d8	10.337	98	412773	48.22	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.44%
62) 4-Bromofluorobenzene	12.626	95	146060	49.22	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.44%

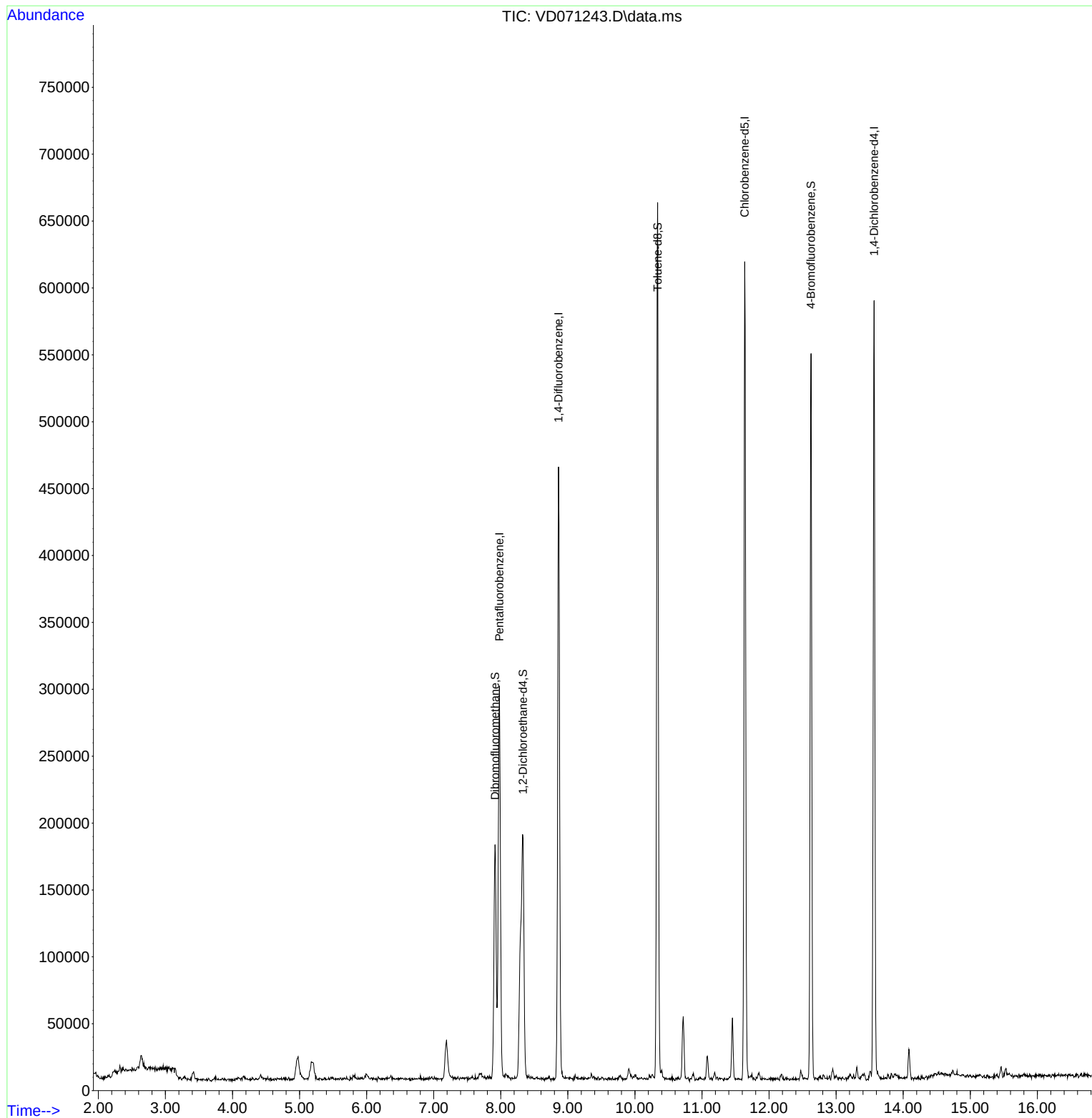
Target Compounds	Qvalue

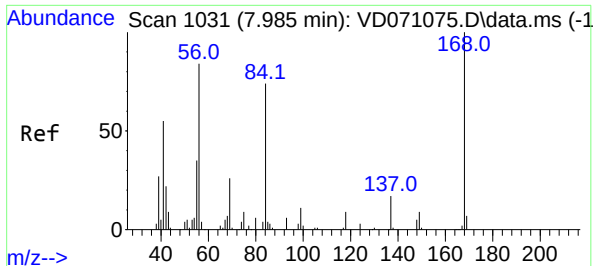
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071243.D

Acq: 10 Dec 2021 11:18

Instrument :

MSVOA_D

ClientSampleId :

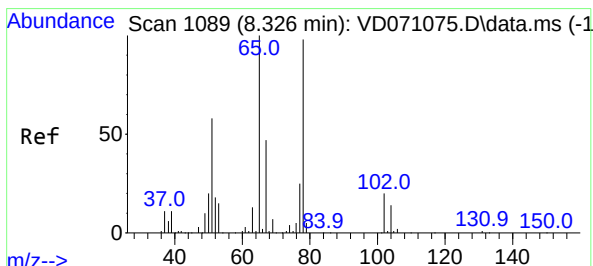
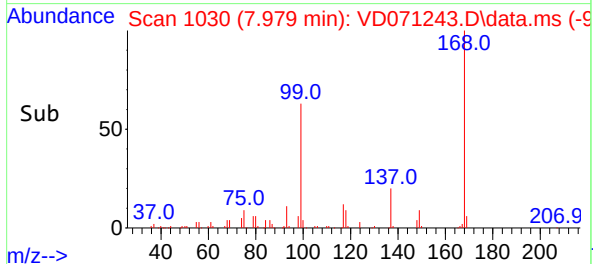
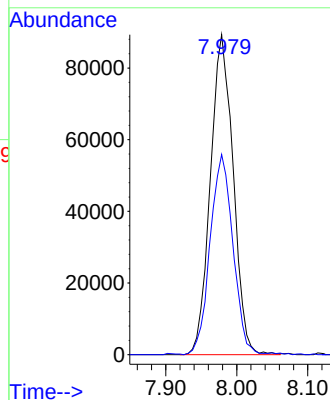
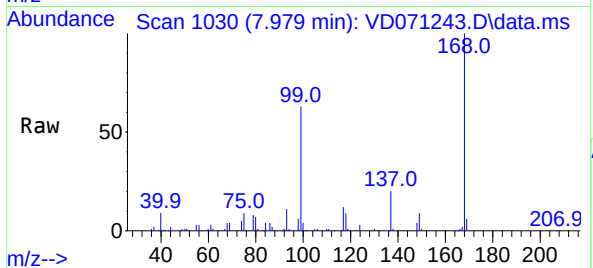
VD1210SBL01

Tgt Ion:168 Resp: 198895

Ion Ratio Lower Upper

168 100

99 62.4 46.6 69.8



1,2-Dichloroethane-d4

Concen: 59.41 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071243.D

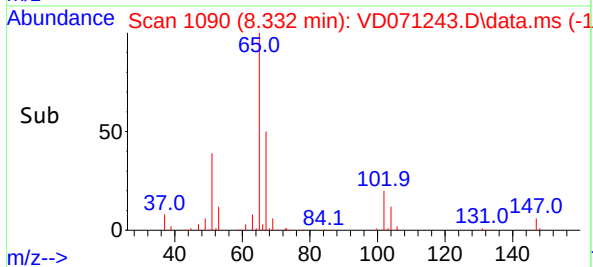
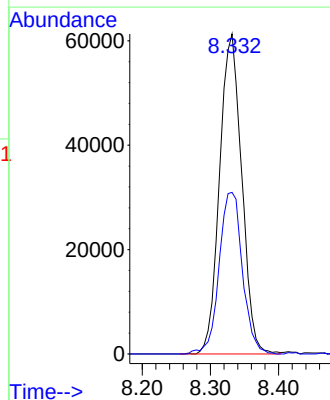
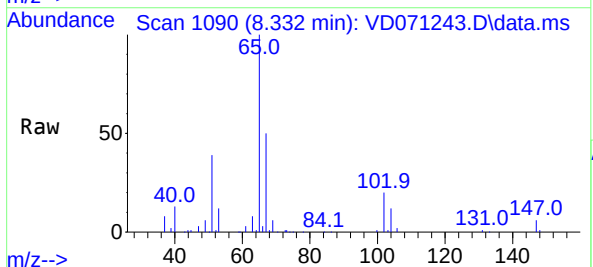
Acq: 10 Dec 2021 11:18

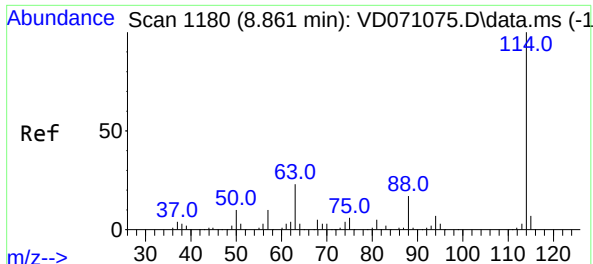
Tgt Ion: 65 Resp: 138650

Ion Ratio Lower Upper

65 100

67 53.1 0.0 112.2

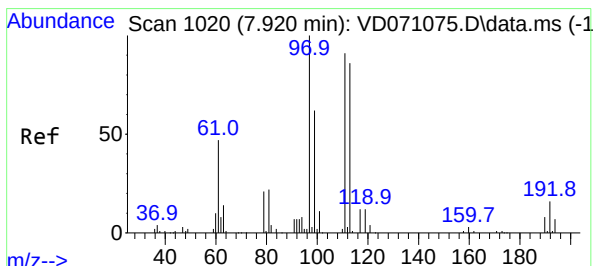
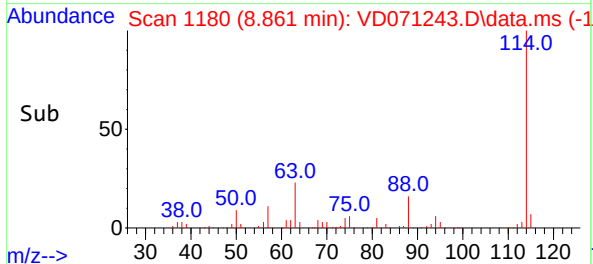
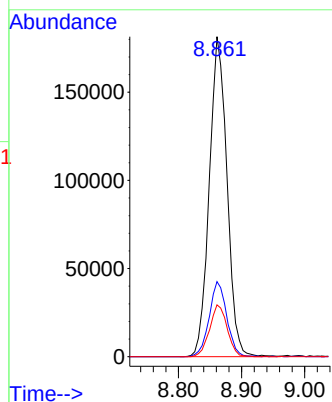
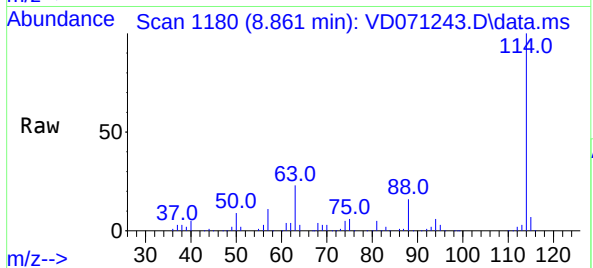




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

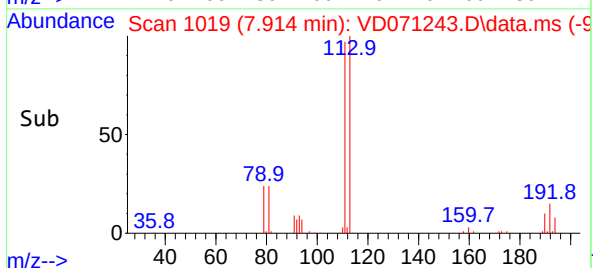
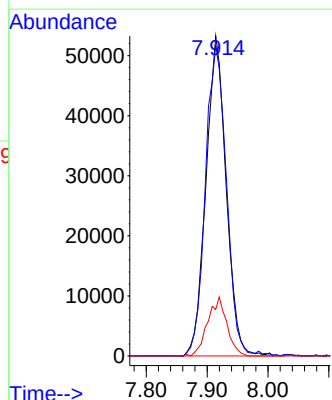
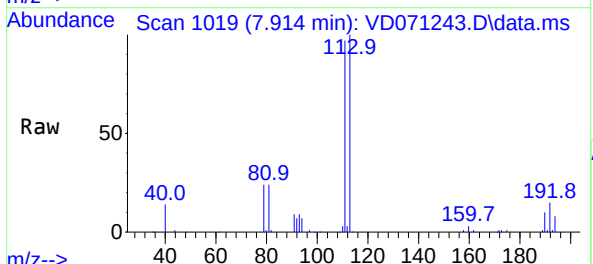
Instrument :
MSVOA_D
ClientSampleId :
VD1210SBL01

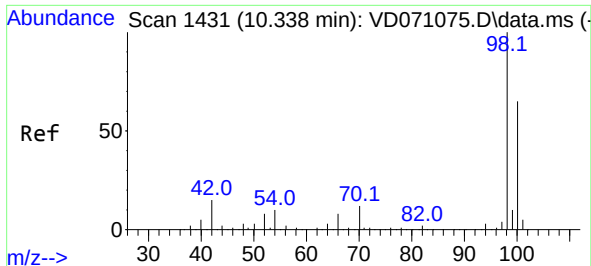
Tgt Ion:114 Resp: 353241
Ion Ratio Lower Upper
114 100
63 23.4 0.0 41.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 54.64 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

Tgt Ion:113 Resp: 122900
Ion Ratio Lower Upper
113 100
111 100.3 82.0 123.0
192 17.4 15.2 22.8

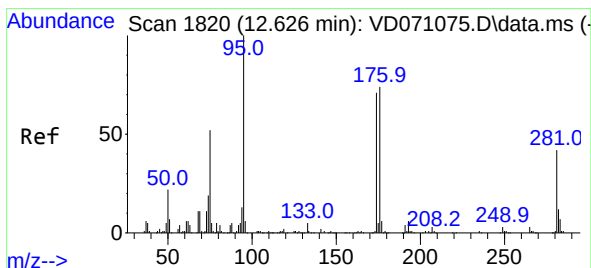
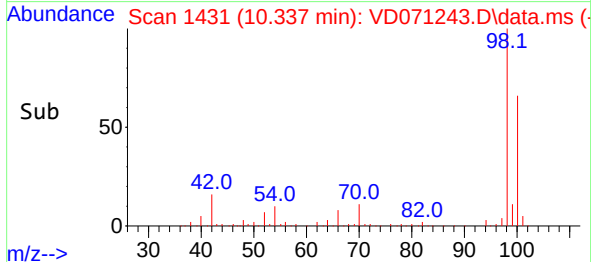
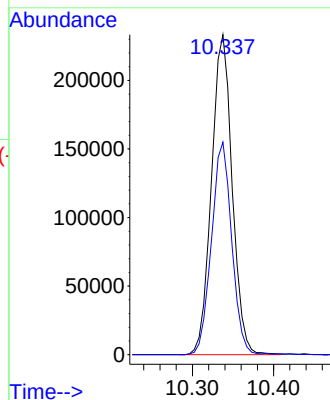
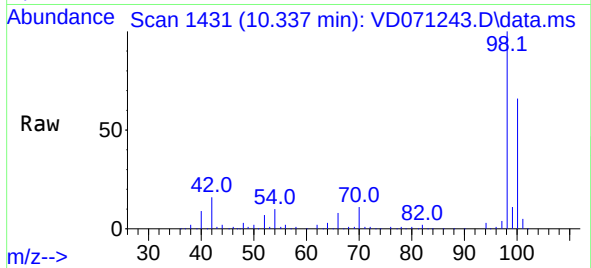




#50
Toluene-d8
Concen: 48.22 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

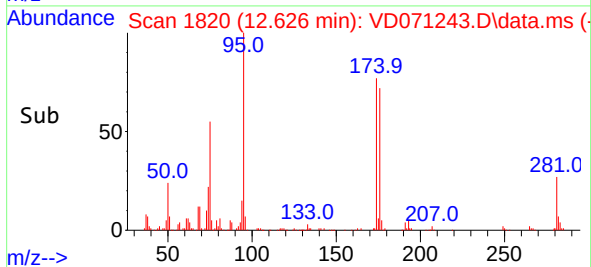
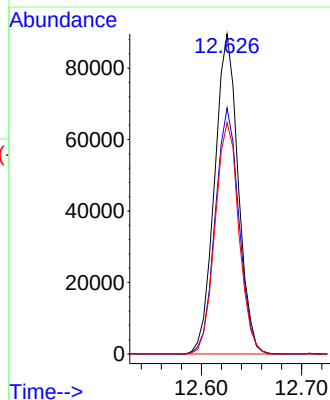
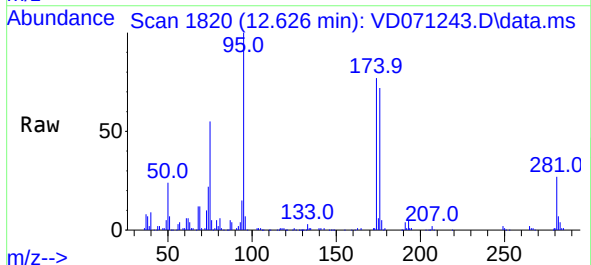
Instrument :
MSVOA_D
ClientSampleId :
VD1210SBL01

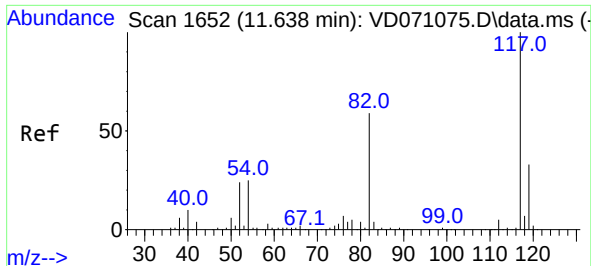
Tgt Ion: 98 Resp: 412773
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 49.22 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

Tgt Ion: 95 Resp: 146060
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.4
176 72.8 0.0 154.0

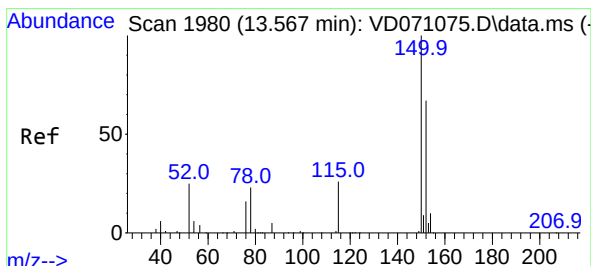
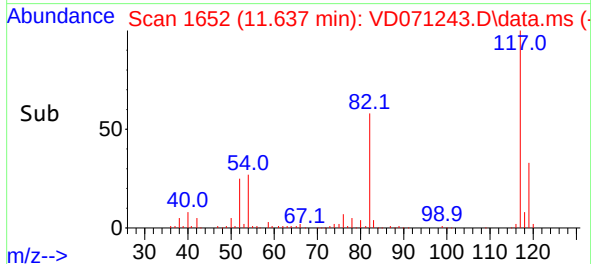
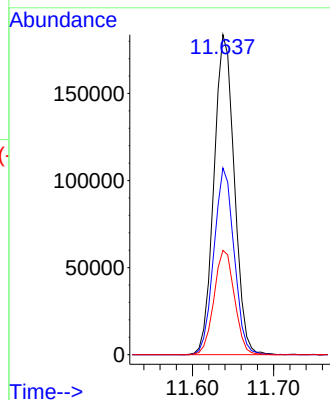
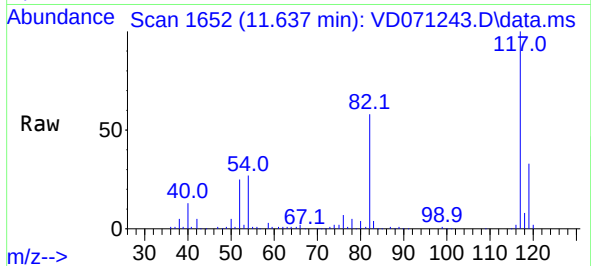




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBL01

Tgt Ion:117 Resp: 320209
Ion Ratio Lower Upper
117 100
82 58.4 44.7 67.1
119 32.6 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: VD071243.D
Acq: 10 Dec 2021 11:18

Tgt Ion:152 Resp: 145697
Ion Ratio Lower Upper
152 100
115 60.3 29.8 89.3
150 157.8 0.0 349.2

