

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
 Data File : VD071225.D
 Acq On : 09 Dec 2021 13:49
 Operator : VA/SY
 Sample : M4966-19RE
 Misc : 6.86G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P14-11RE

Quant Time: Dec 10 06:44:08 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	9225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	15821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	17725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	8025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	7626	70.45	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.90%
35) Dibromofluoromethane	7.909	113	4902	48.66	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.32%
50) Toluene-d8	10.332	98	20013	52.20	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.40%
62) 4-Bromofluorobenzene	12.620	95	7802	58.71	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.42%

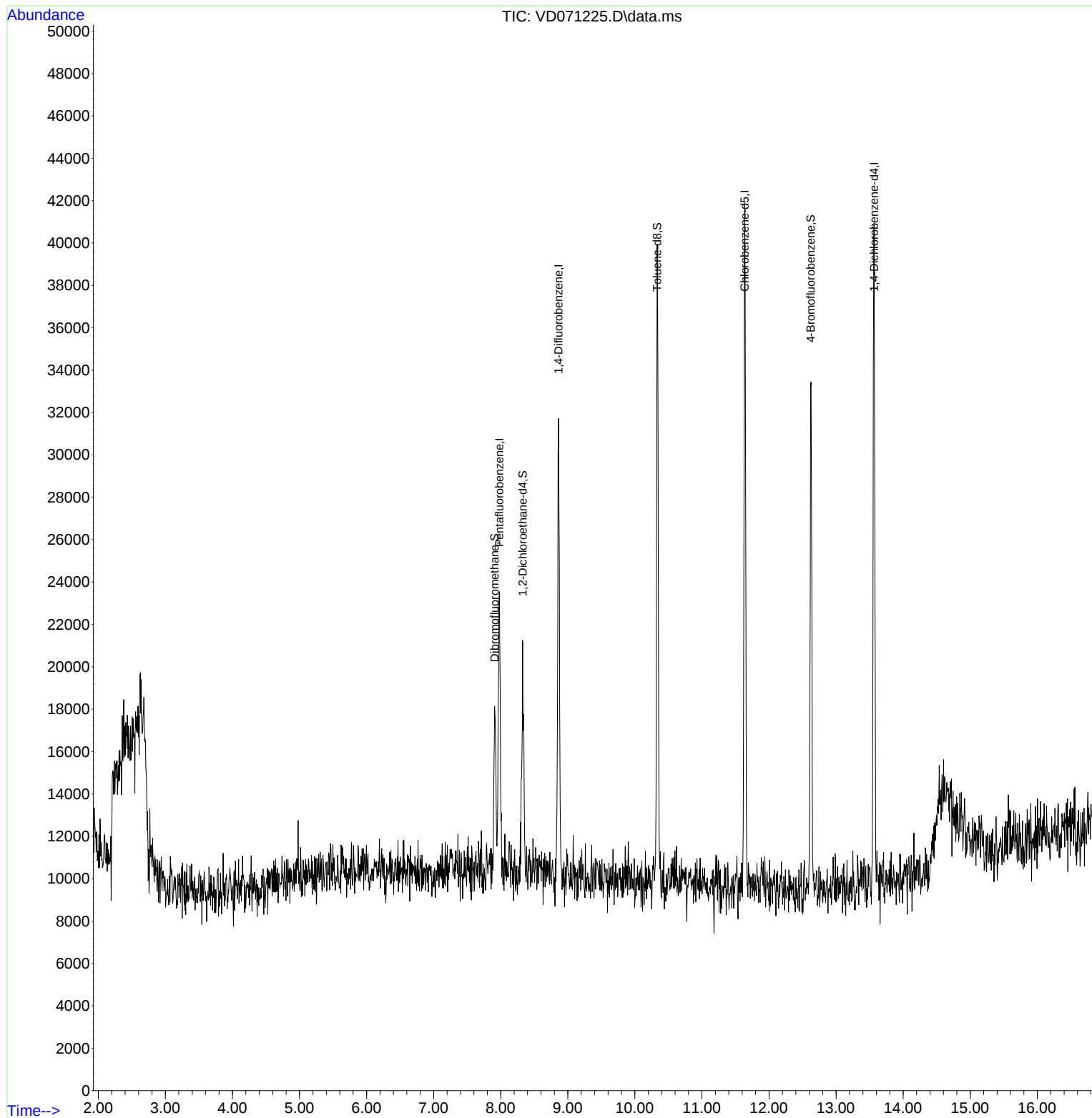
Target Compounds	Qvalue

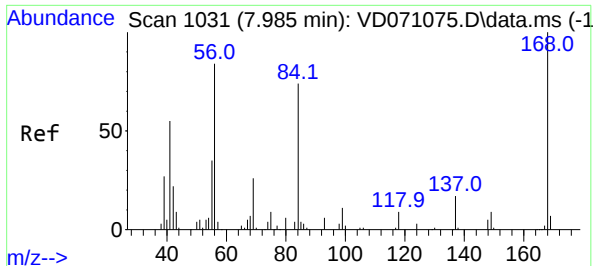
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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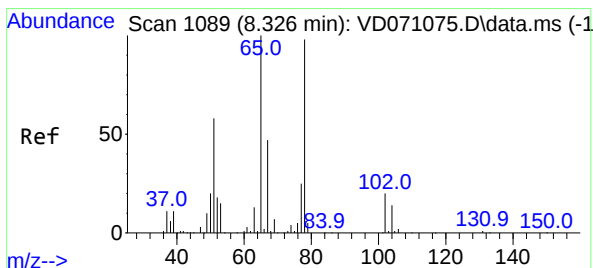
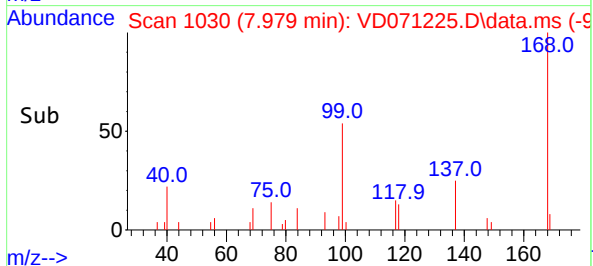
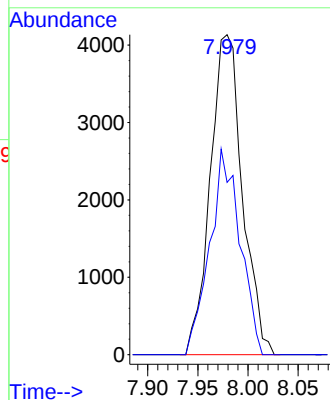
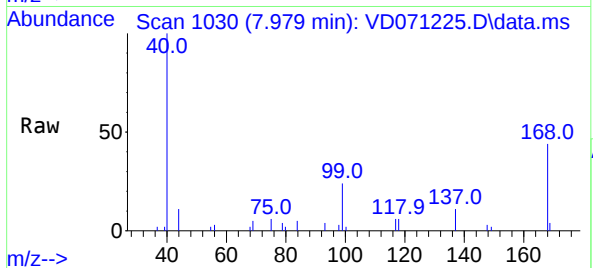




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071225.D
Acq: 09 Dec 2021 13:49

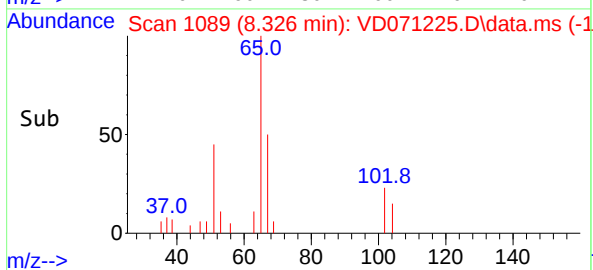
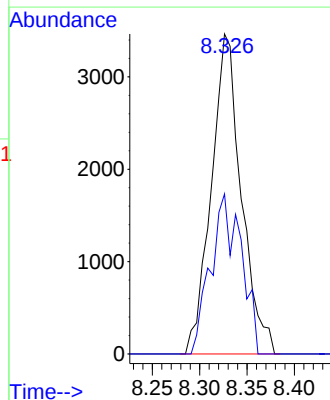
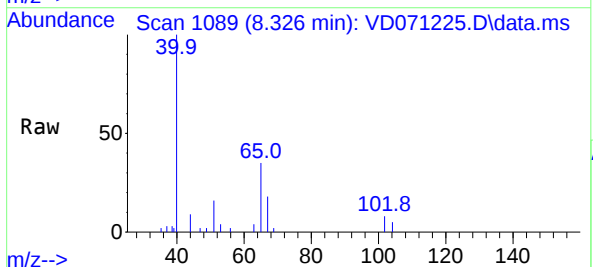
Instrument :
MSVOA_D
ClientSampleId :
P14-11RE

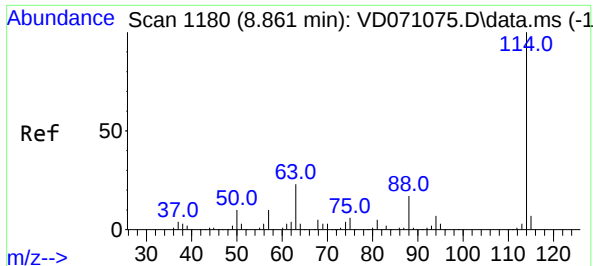
Tgt Ion:168 Resp: 9225
Ion Ratio Lower Upper
168 100
99 53.9 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 70.45 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071225.D
Acq: 09 Dec 2021 13:49

Tgt Ion: 65 Resp: 7626
Ion Ratio Lower Upper
65 100
67 51.0 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD071225.D

Acq: 09 Dec 2021 13:49

Instrument :

MSVOA_D

ClientSampleId :

P14-11RE

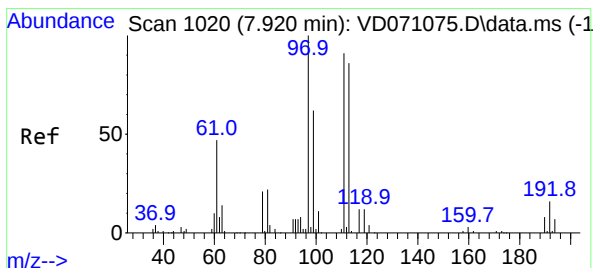
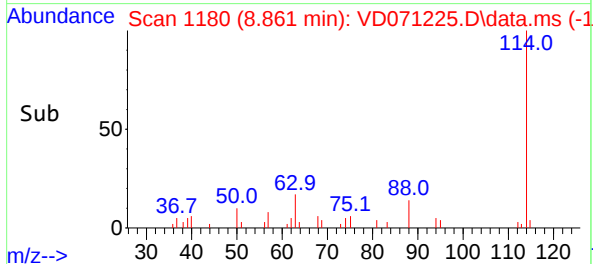
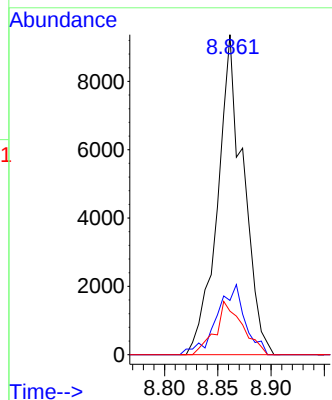
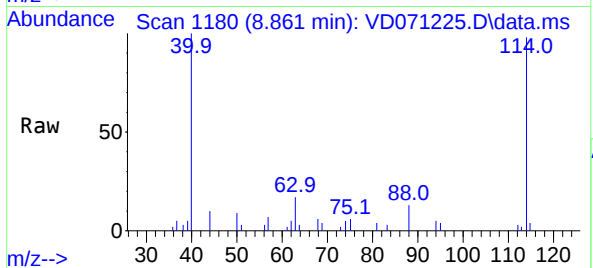
Tgt Ion:114 Resp: 15821

Ion Ratio Lower Upper

114 100

63 17.0 0.0 41.8

88 13.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.66 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.011 min

Lab File: VD071225.D

Acq: 09 Dec 2021 13:49

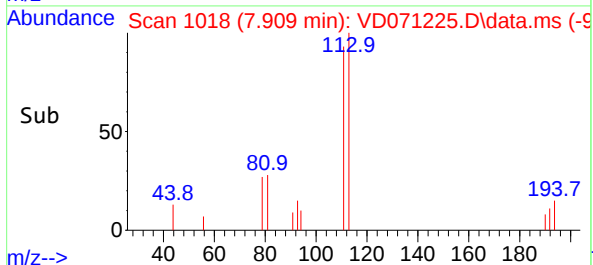
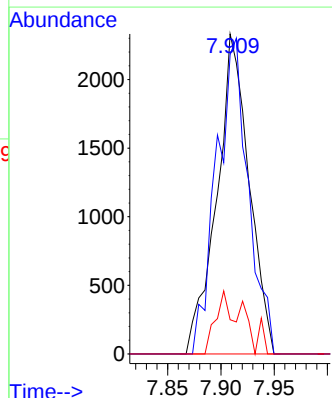
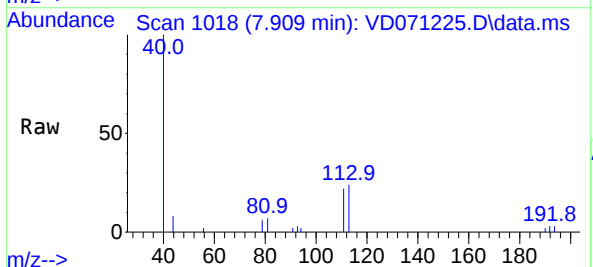
Tgt Ion:113 Resp: 4902

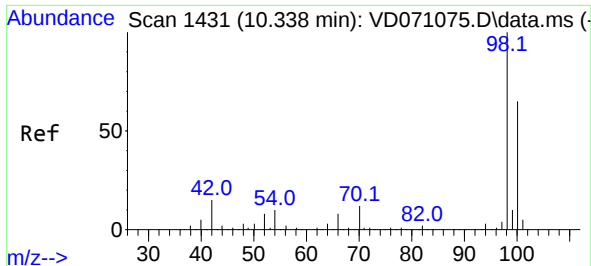
Ion Ratio Lower Upper

113 100

111 97.5 82.0 123.0

192 16.5 15.2 22.8

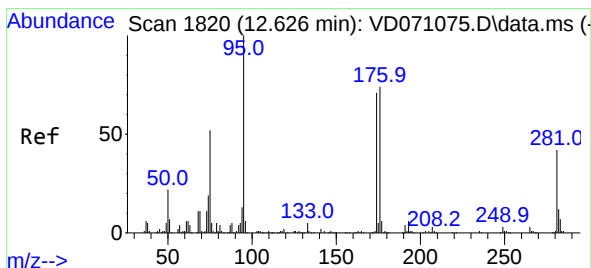
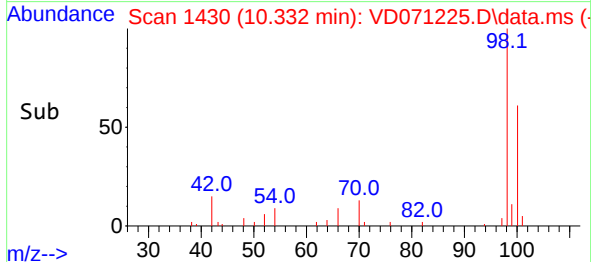
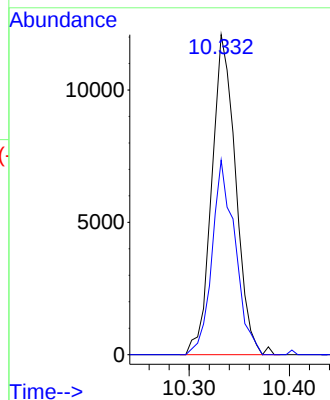
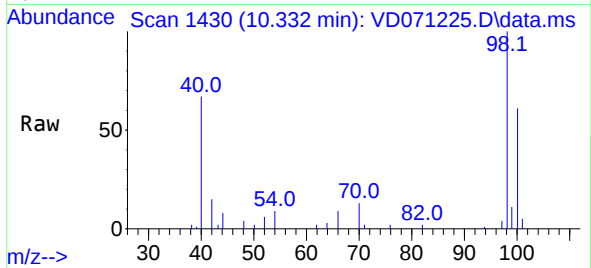




#50
Toluene-d8
Concen: 52.20 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071225.D
Acq: 09 Dec 2021 13:49

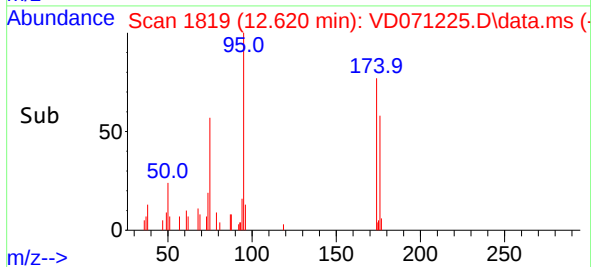
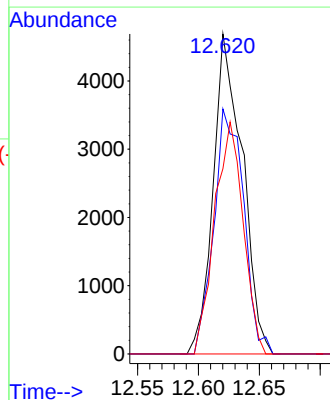
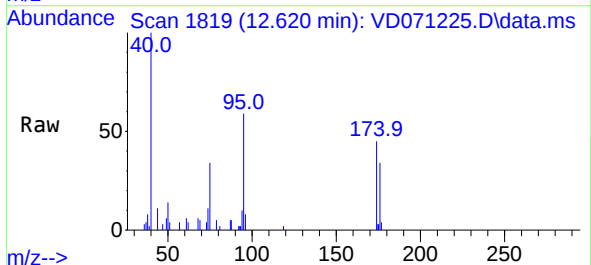
Instrument :
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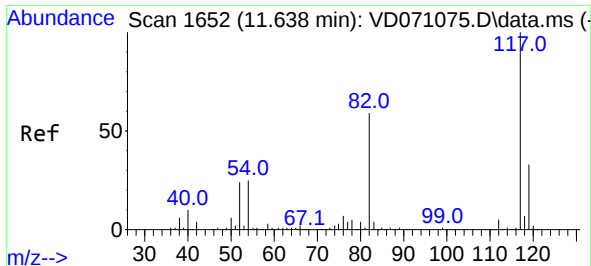
Tgt Ion: 98 Resp: 20013
Ion Ratio Lower Upper
98 100
100 58.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.71 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071225.D
Acq: 09 Dec 2021 13:49

Tgt Ion: 95 Resp: 7802
Ion Ratio Lower Upper
95 100
174 78.2 0.0 159.4
176 71.1 0.0 154.0

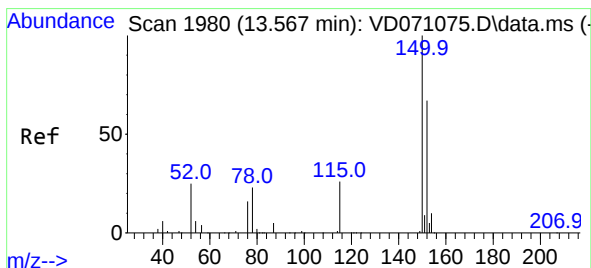
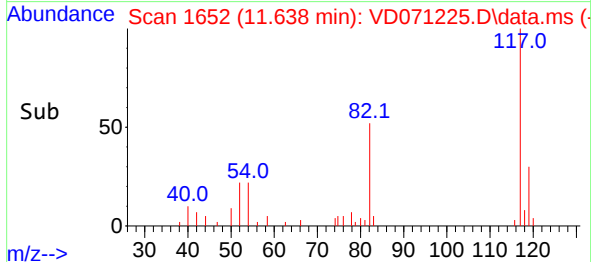
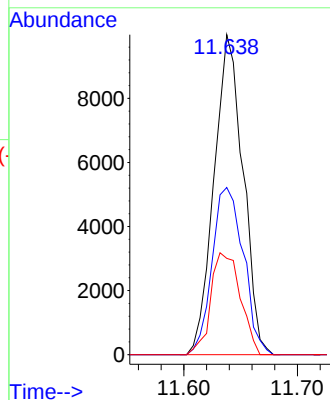
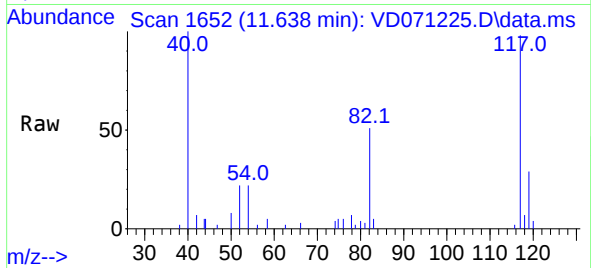




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VD071225.D
Acq: 09 Dec 2021 13:49

Instrument :
MSVOA_D
ClientSampleId :
P14-11RE

Tgt Ion:117 Resp: 17725
Ion Ratio Lower Upper
117 100
82 52.2 44.7 67.1
119 30.1 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: VD071225.D
Acq: 09 Dec 2021 13:49

Tgt Ion:152 Resp: 8025
Ion Ratio Lower Upper
152 100
115 61.3 29.8 89.3
150 151.7 0.0 349.2

