

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
 Data File : VD071253.D
 Acq On : 10 Dec 2021 15:55
 Operator : VA/SY
 Sample : M4990-11RE
 Misc : 5.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R8-6RE

Quant Time: Dec 11 04:40:18 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	27994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	45791	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	53310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	27525	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	22149	67.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.86%
35) Dibromofluoromethane	7.909	113	15974	54.78	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.56%
50) Toluene-d8	10.338	98	58541	52.76	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.52%
62) 4-Bromofluorobenzene	12.620	95	26264	68.28	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	136.56%

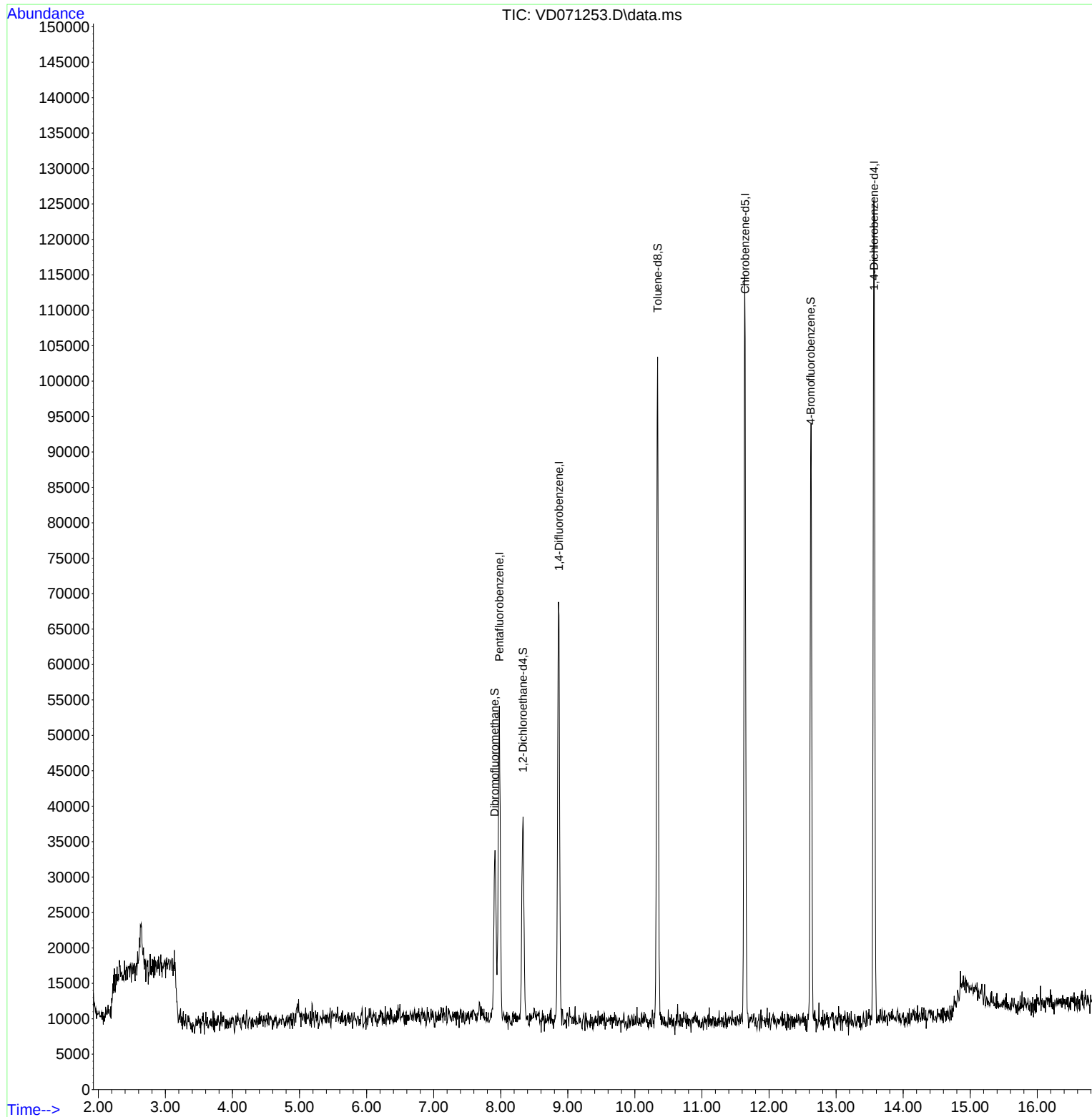
Target Compounds	Qvalue

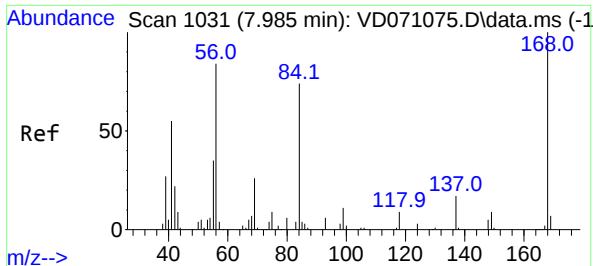
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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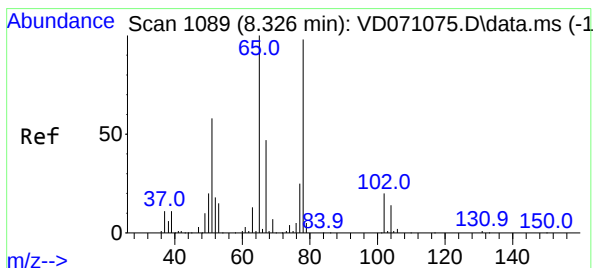
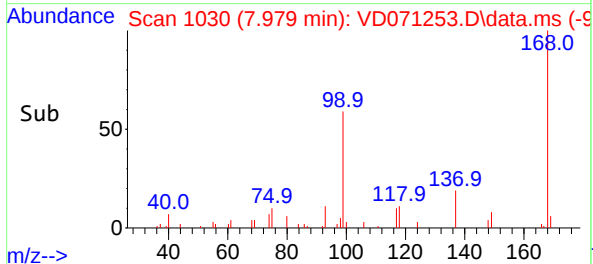
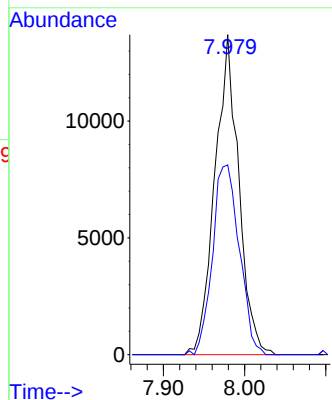
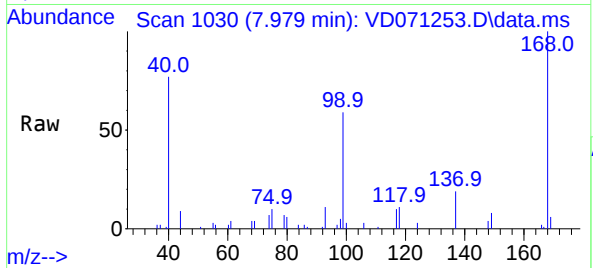




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071253.D
Acq: 10 Dec 2021 15:55

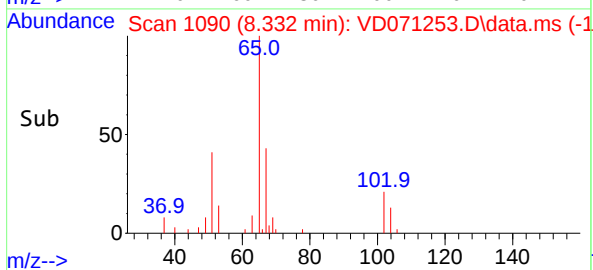
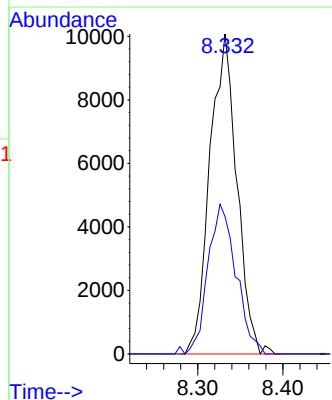
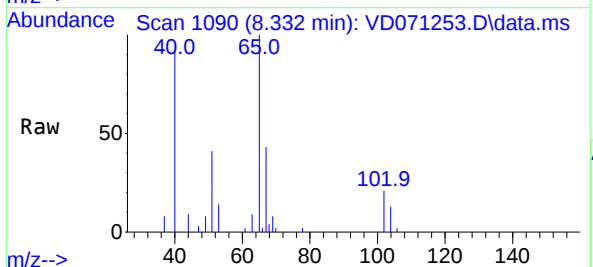
Instrument :
MSVOA_D
ClientSampleId :
R8-6RE

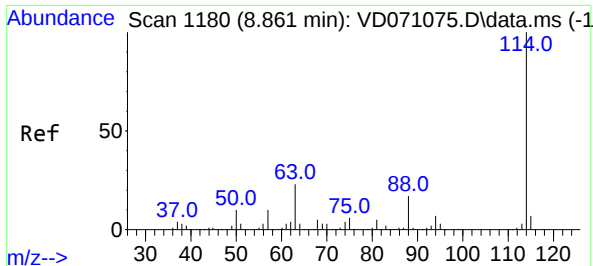
Tgt Ion:168 Resp: 27994
Ion Ratio Lower Upper
168 100
99 59.3 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 67.43 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071253.D
Acq: 10 Dec 2021 15:55

Tgt Ion: 65 Resp: 22149
Ion Ratio Lower Upper
65 100
67 49.0 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD071253.D

Acq: 10 Dec 2021 15:55

Instrument :

MSVOA_D

ClientSampleId :

R8-6RE

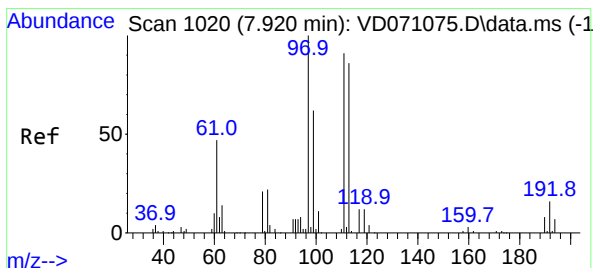
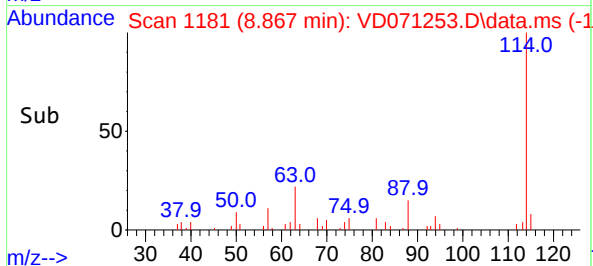
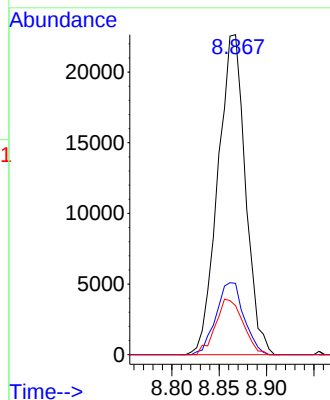
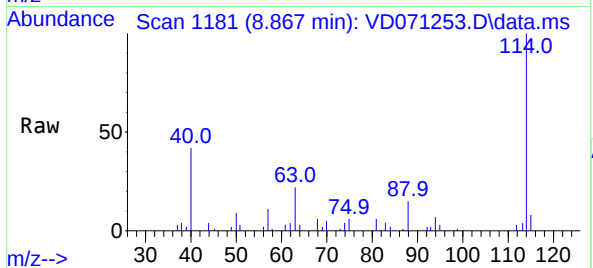
Tgt Ion:114 Resp: 45791

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 15.3 0.0 32.8



#35

Dibromofluoromethane

Concen: 54.78 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.011 min

Lab File: VD071253.D

Acq: 10 Dec 2021 15:55

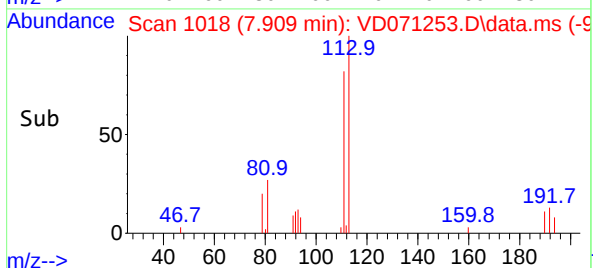
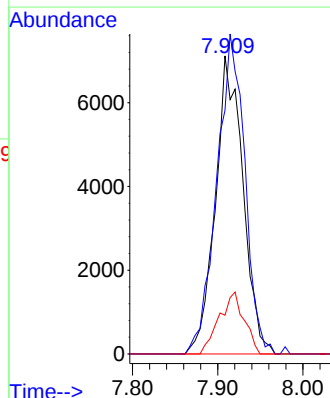
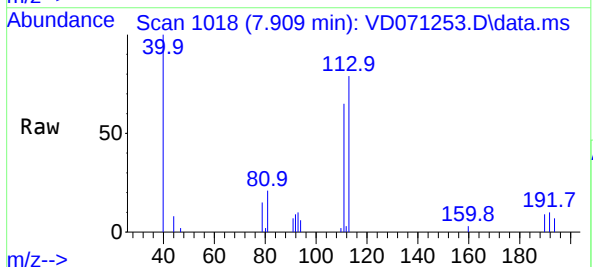
Tgt Ion:113 Resp: 15974

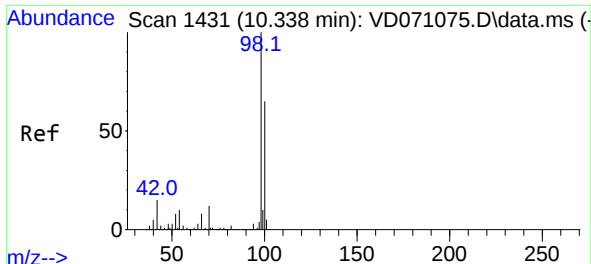
Ion Ratio Lower Upper

113 100

111 109.4 82.0 123.0

192 18.8 15.2 22.8

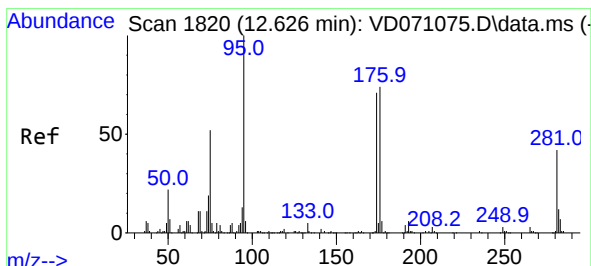
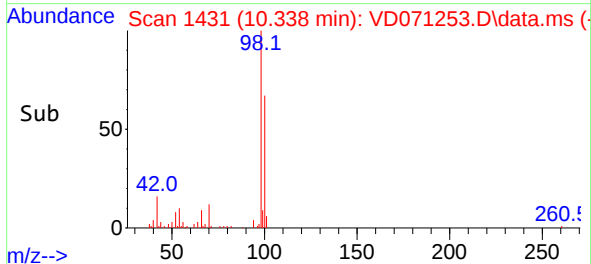
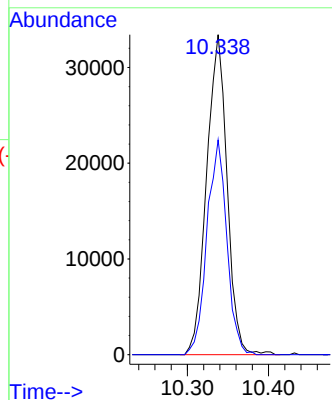
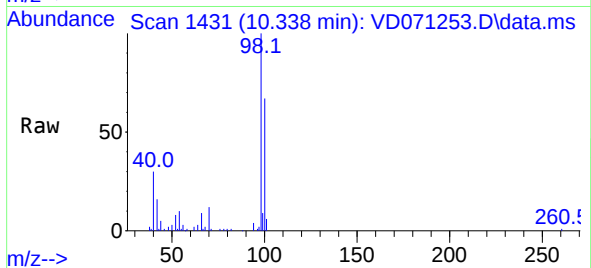




#50
Toluene-d8
Concen: 52.76 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071253.D
Acq: 10 Dec 2021 15:55

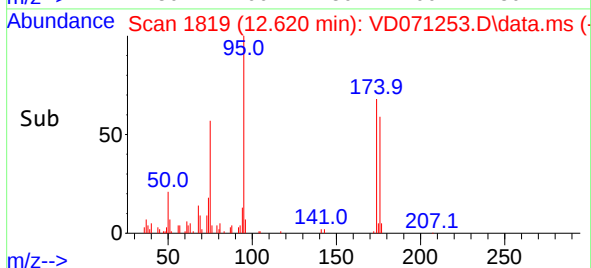
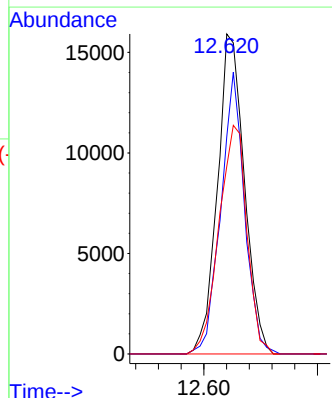
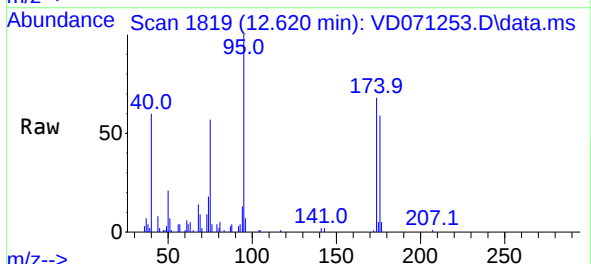
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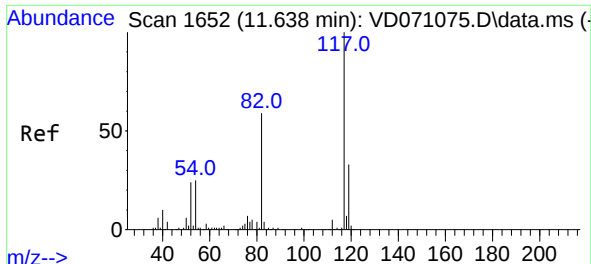
Tgt Ion: 98 Resp: 58541
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 68.28 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071253.D
Acq: 10 Dec 2021 15:55

Tgt Ion: 95 Resp: 26264
Ion Ratio Lower Upper
95 100
174 77.2 0.0 159.4
176 73.9 0.0 154.0

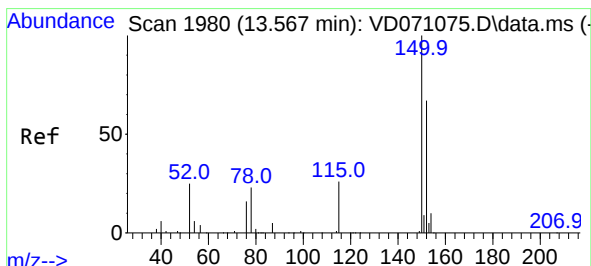
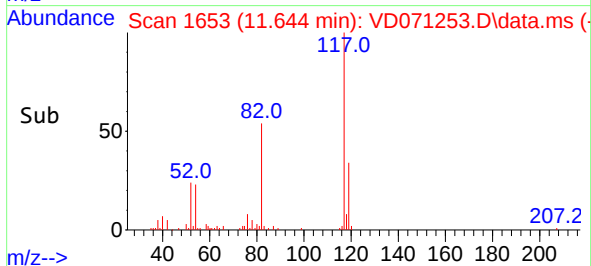
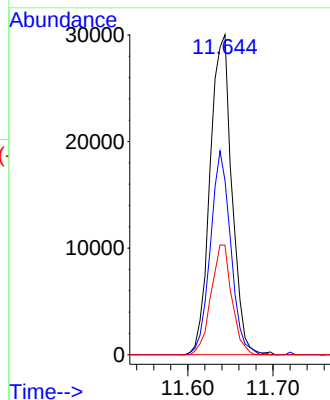
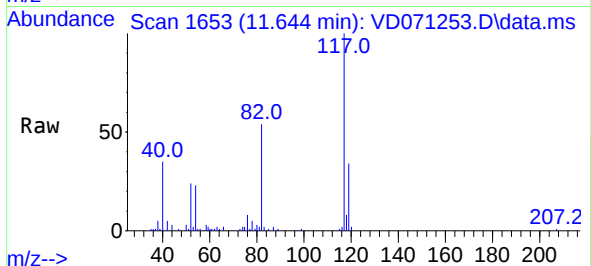




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD071253.D
Acq: 10 Dec 2021 15:55

Instrument :
MSVOA_D
ClientSampleId :
R8-6RE

Tgt Ion:	117	Resp:	53310
Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.7	67.1
119	34.2	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: VD071253.D
Acq: 10 Dec 2021 15:55

Tgt Ion:	152	Resp:	27525
Ion	Ratio	Lower	Upper
152	100		
115	61.6	29.8	89.3
150	161.0	0.0	349.2

