

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
 Data File : VD071207.D
 Acq On : 08 Dec 2021 15:59
 Operator : VA/SY
 Sample : M4959-19RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3DRE

Quant Time: Dec 09 10:17:14 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	25401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	43577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	50644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	25865	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	22096	74.135	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.260%
35) Dibromofluoromethane	7.908	113	15854	57.133	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.260%
50) Toluene-d8	10.332	98	56699	53.692	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.380%
62) 4-Bromofluorobenzene	12.620	95	25741	70.321	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	140.640%

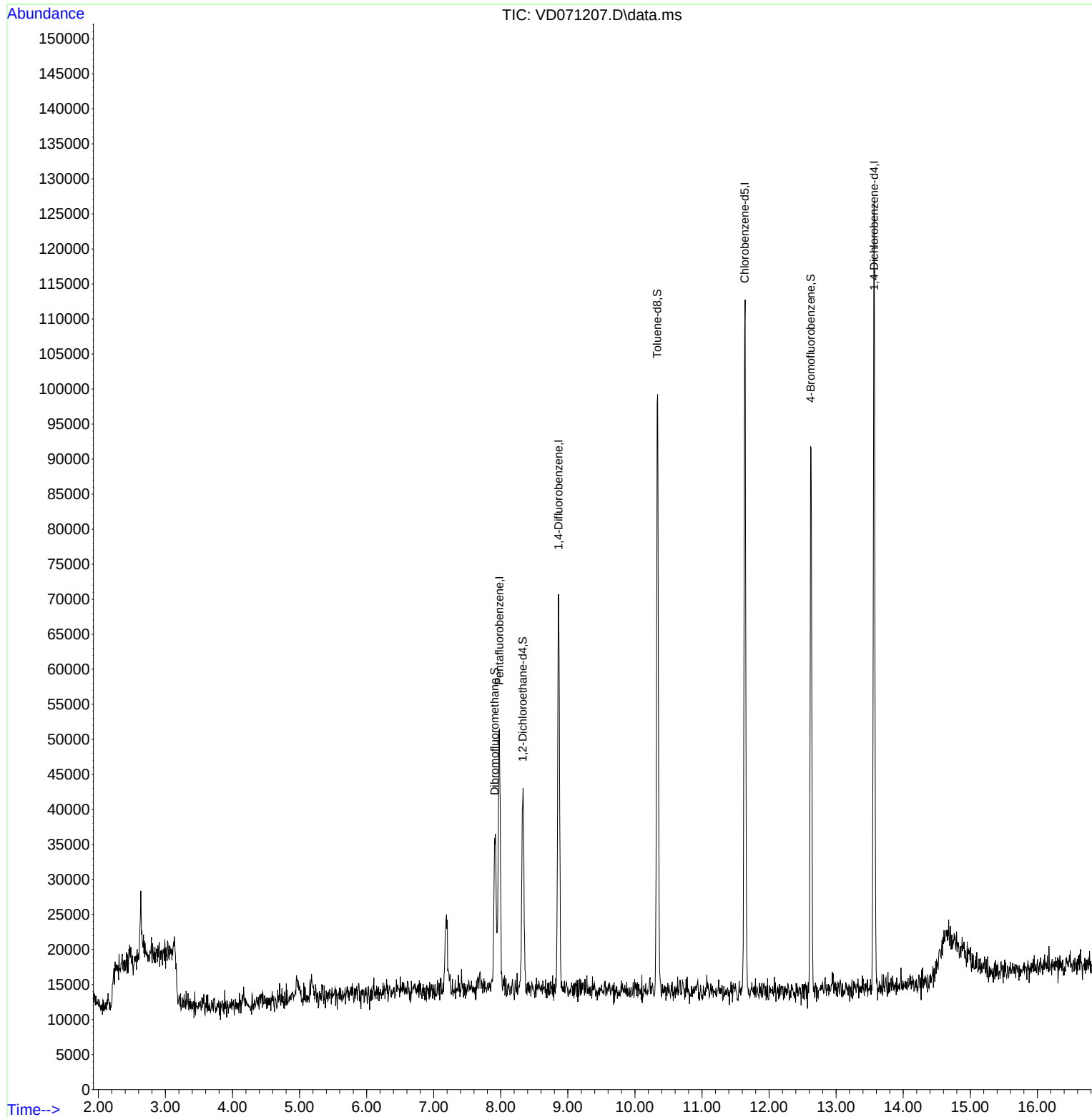
Target Compounds	Qvalue

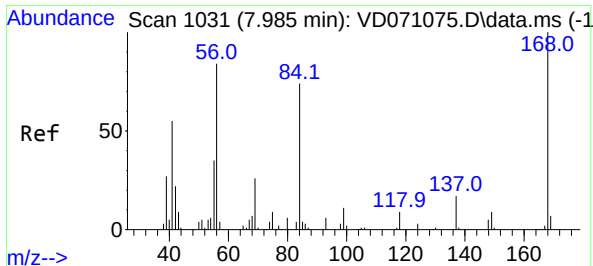
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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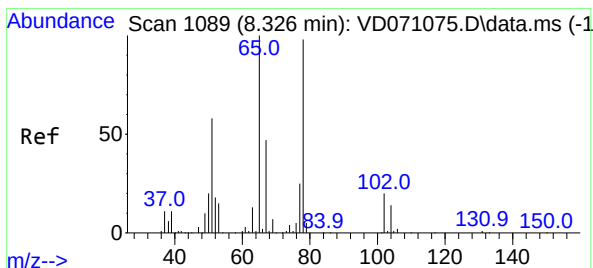
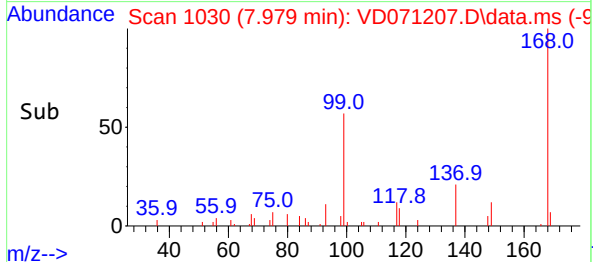
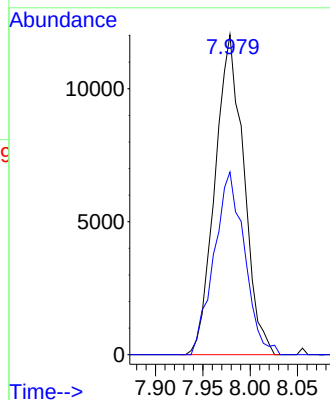
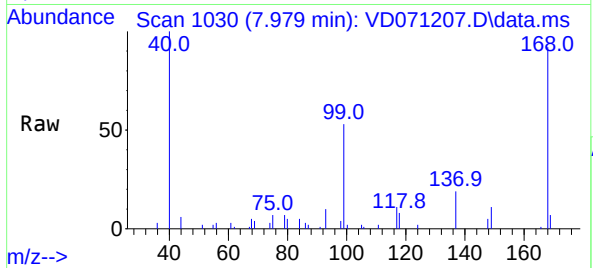




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071207.D
Acq: 08 Dec 2021 15:59

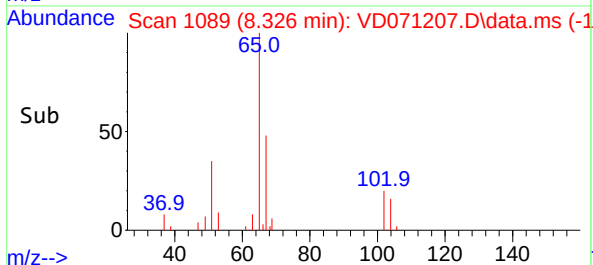
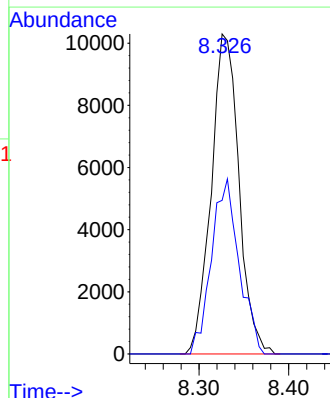
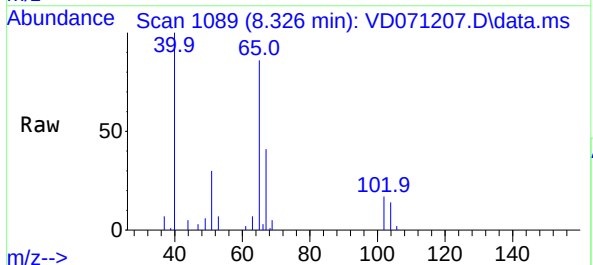
Instrument :
MSVOA_D
ClientSampleId :
TP-3DRE

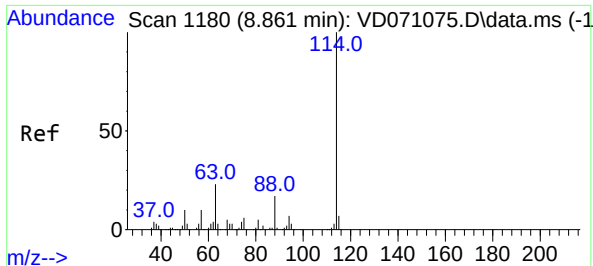
Tgt Ion:168 Resp: 25401
Ion Ratio Lower Upper
168 100
99 57.1 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 74.135 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071207.D
Acq: 08 Dec 2021 15:59

Tgt Ion: 65 Resp: 22096
Ion Ratio Lower Upper
65 100
67 54.6 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: VD071207.D

Acq: 08 Dec 2021 15:59

Instrument :

MSVOA_D

ClientSampleId :

TP-3DRE

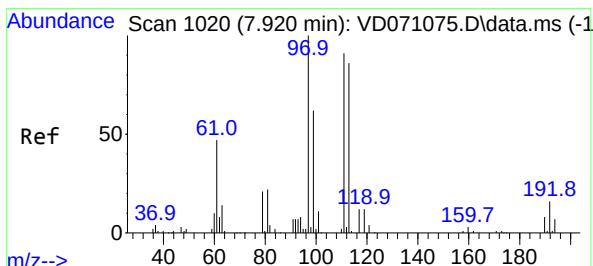
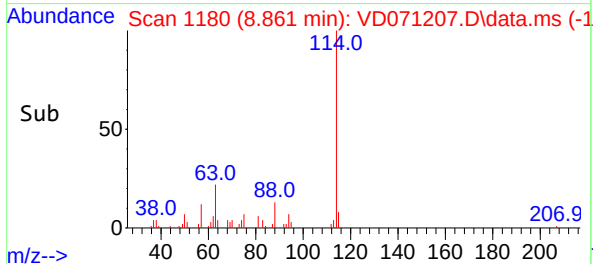
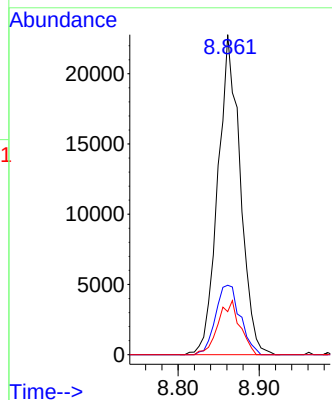
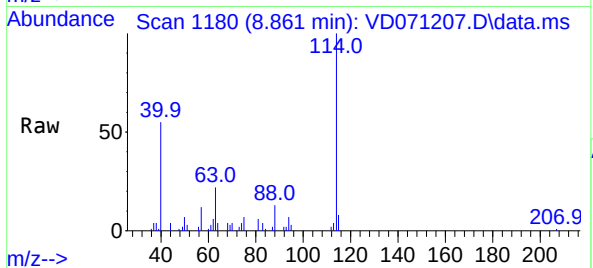
Tgt Ion:114 Resp: 43577

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

88 13.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 57.133 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD071207.D

Acq: 08 Dec 2021 15:59

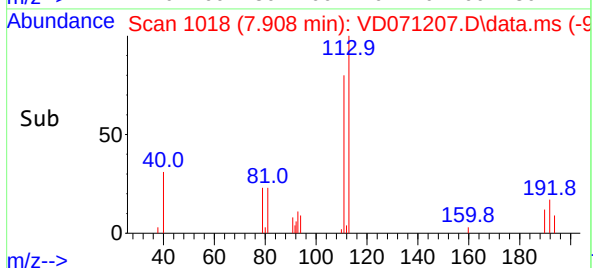
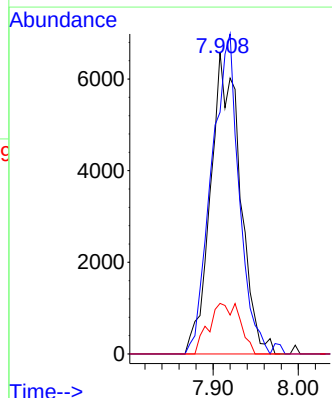
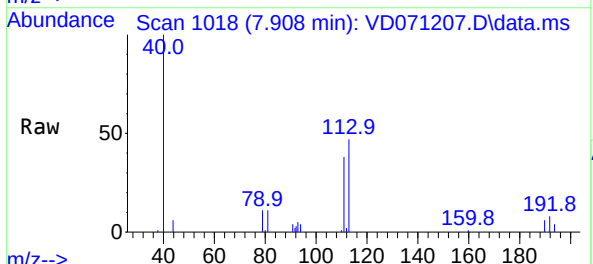
Tgt Ion:113 Resp: 15854

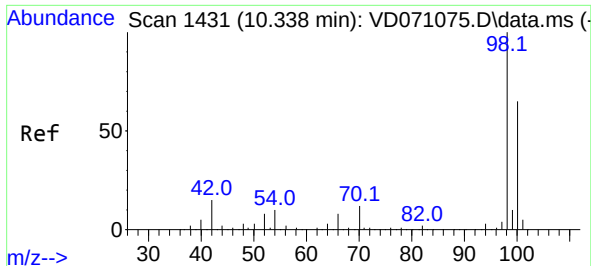
Ion Ratio Lower Upper

113 100

111 98.8 82.0 123.0

192 17.7 15.2 22.8

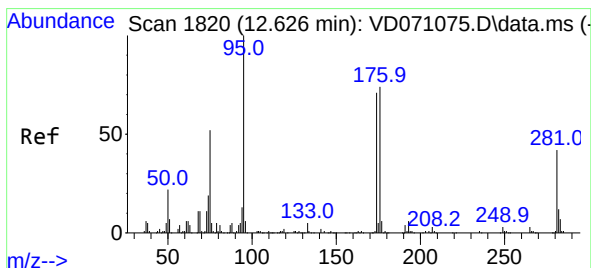
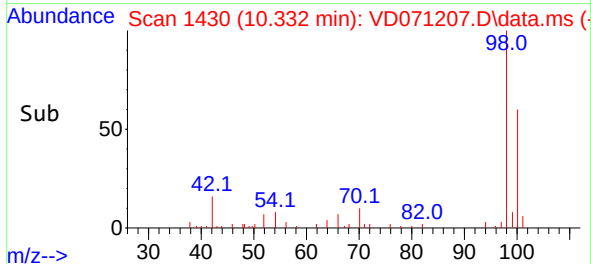
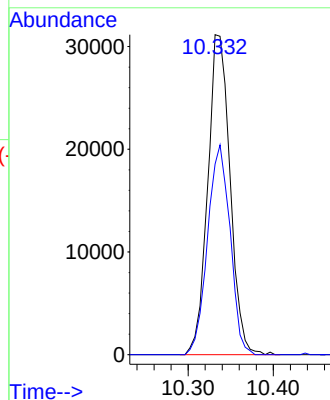
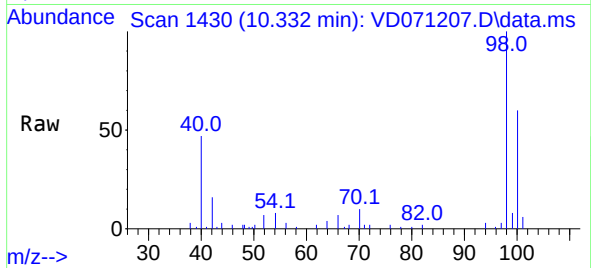




#50
Toluene-d8
Concen: 53.692 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071207.D
Acq: 08 Dec 2021 15:59

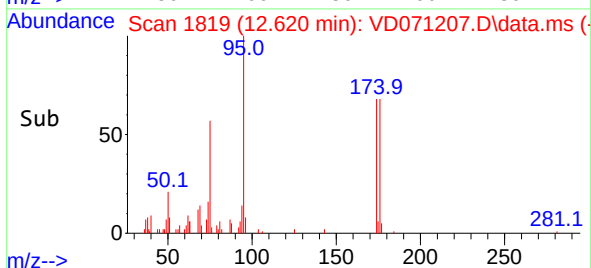
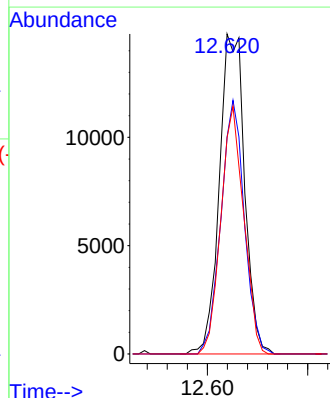
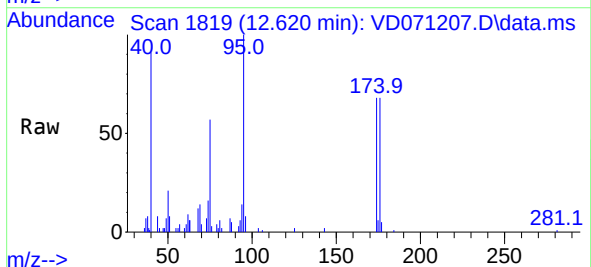
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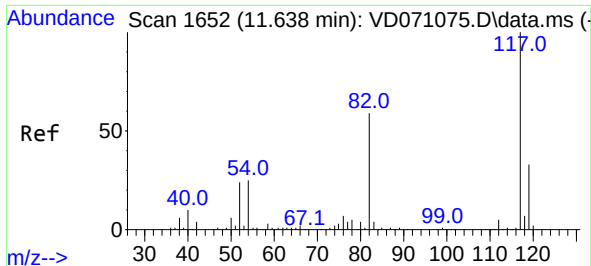
Tgt Ion: 98 Resp: 56699
Ion Ratio Lower Upper
98 100
100 66.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 70.321 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071207.D
Acq: 08 Dec 2021 15:59

Tgt Ion: 95 Resp: 25741
Ion Ratio Lower Upper
95 100
174 73.3 0.0 159.4
176 70.2 0.0 154.0

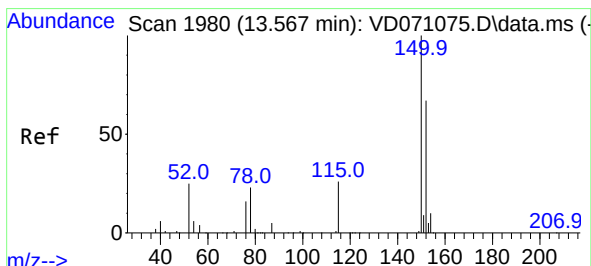
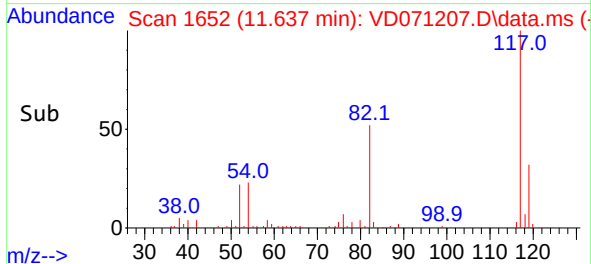
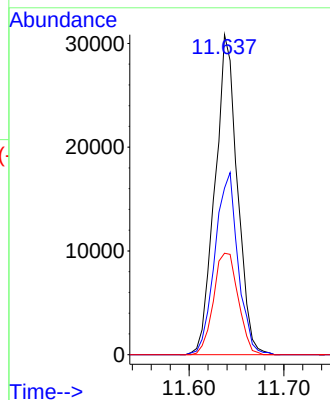
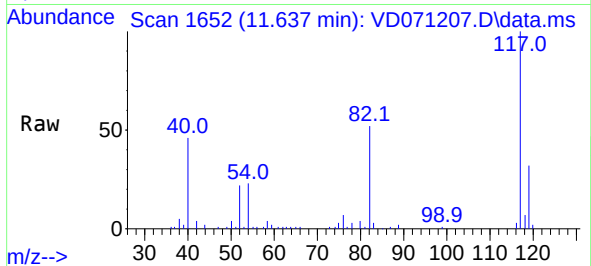




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VD071207.D
Acq: 08 Dec 2021 15:59

Instrument :
MSVOA_D
ClientSampleId :
TP-3DRE

Tgt Ion:117 Resp: 50644
Ion Ratio Lower Upper
117 100
82 52.0 44.7 67.1
119 31.7 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: VD071207.D
Acq: 08 Dec 2021 15:59

Tgt Ion:152 Resp: 25865
Ion Ratio Lower Upper
152 100
115 65.1 29.8 89.3
150 158.3 0.0 349.2

