

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
 Data File : VD071280.D
 Acq On : 11 Dec 2021 20:06
 Operator : VA/SY
 Sample : M5017-19
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2

Quant Time: Dec 12 18:52:37 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	151471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	261281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	304911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	159972	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	97557	54.889	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.780%
35) Dibromofluoromethane	7.914	113	88650	53.281	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.560%
50) Toluene-d8	10.332	98	339091	53.555	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.100%
62) 4-Bromofluorobenzene	12.620	95	152591	69.524	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	139.040%

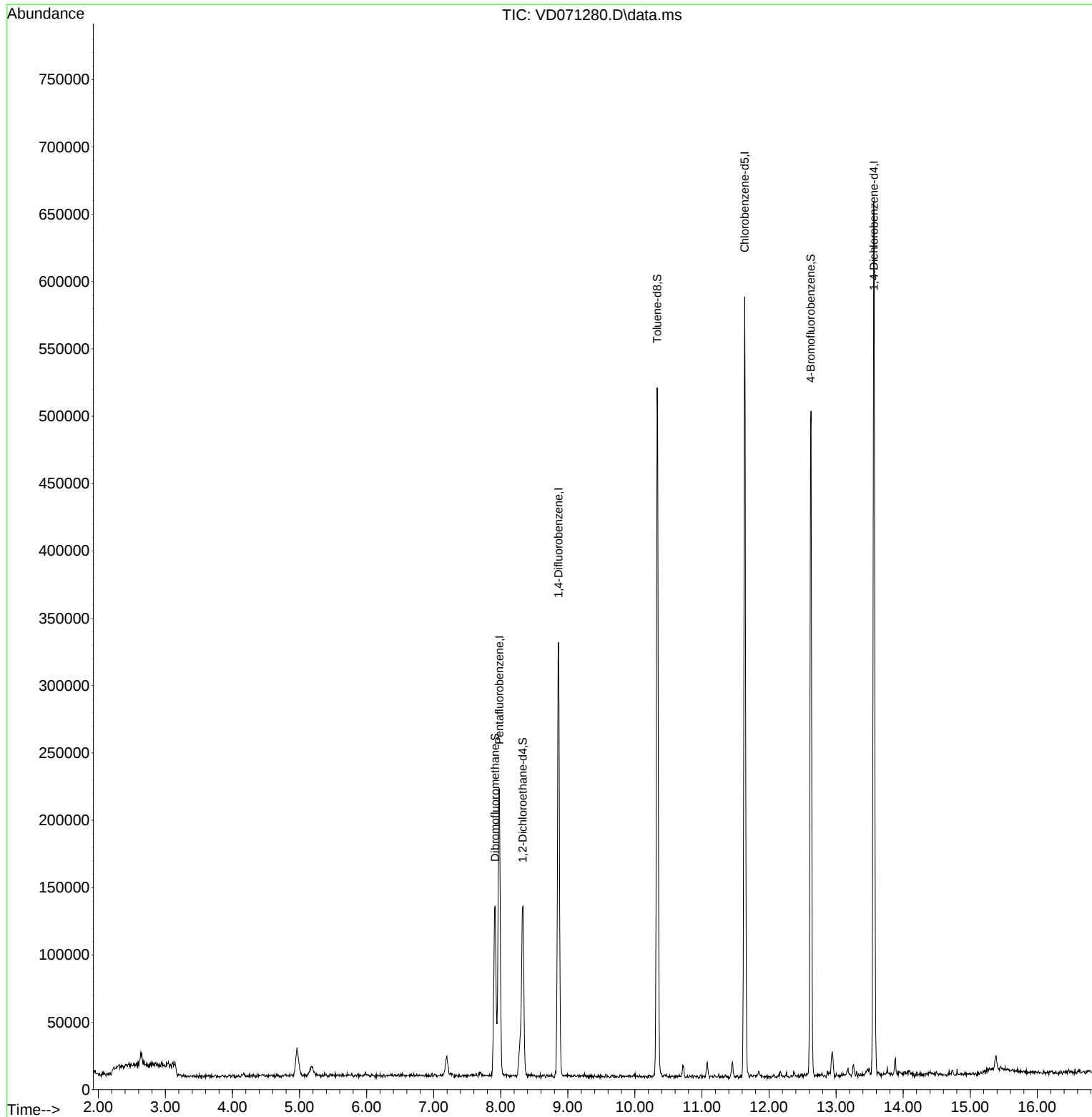
Target Compounds	Qvalue

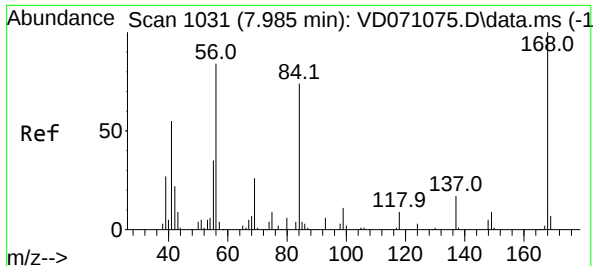
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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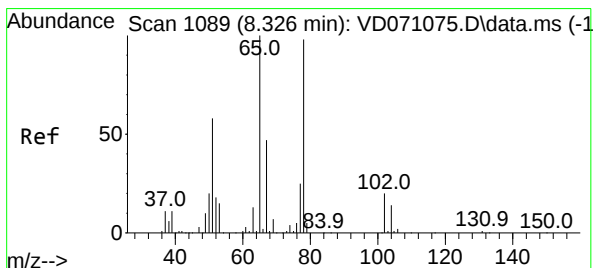
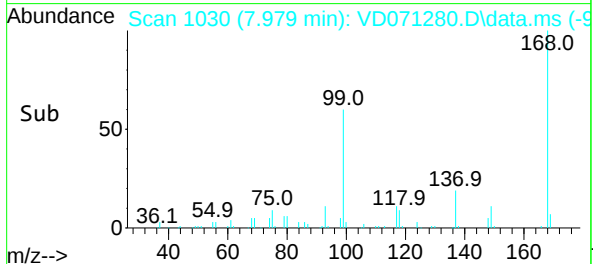
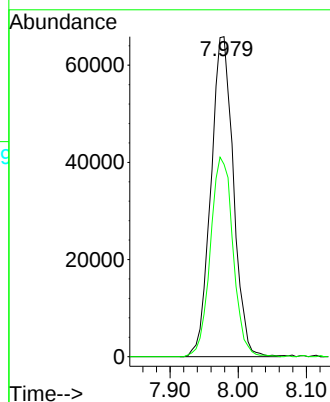
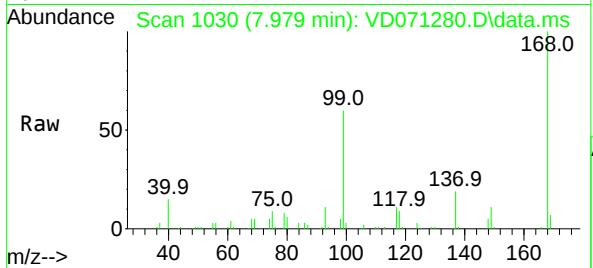




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071280.D
Acq: 11 Dec 2021 20:06

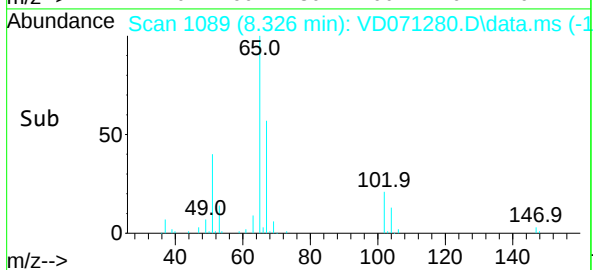
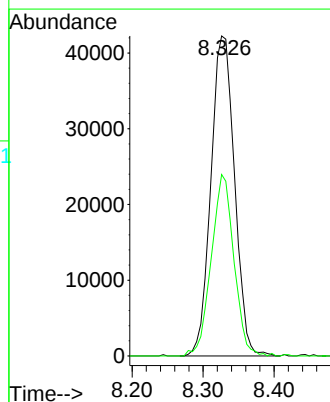
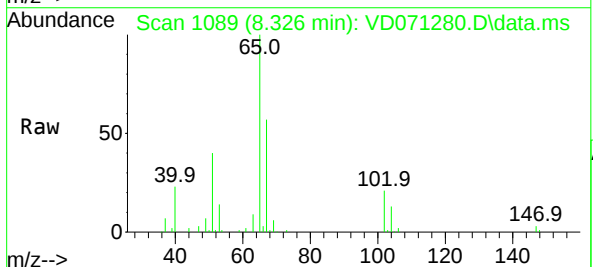
Instrument :
MSVOA_D
ClientSampleId :
TP2

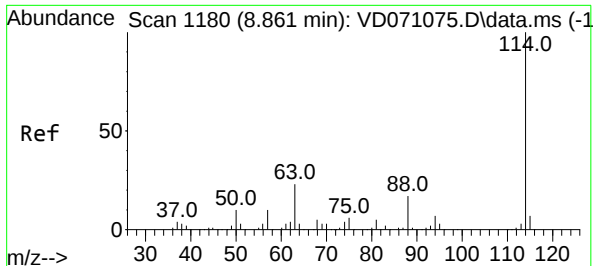
Tgt Ion:168 Resp: 151471
Ion Ratio Lower Upper
168 100
99 60.1 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 54.889 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071280.D
Acq: 11 Dec 2021 20:06

Tgt Ion: 65 Resp: 97557
Ion Ratio Lower Upper
65 100
67 54.4 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: VD071280.D

Acq: 11 Dec 2021 20:06

Instrument :

MSVOA_D

ClientSampleId :

TP2

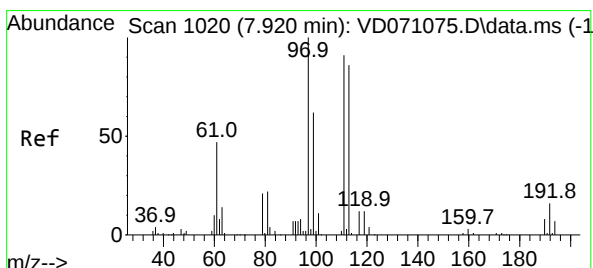
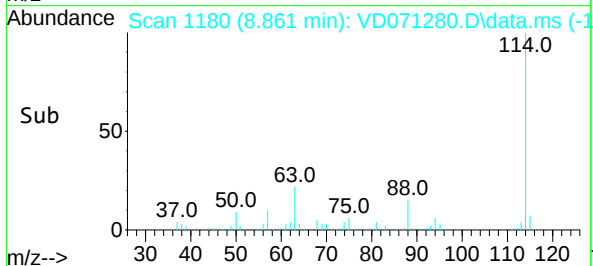
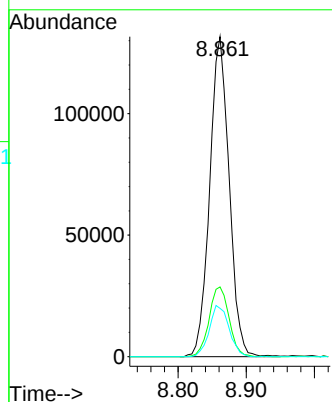
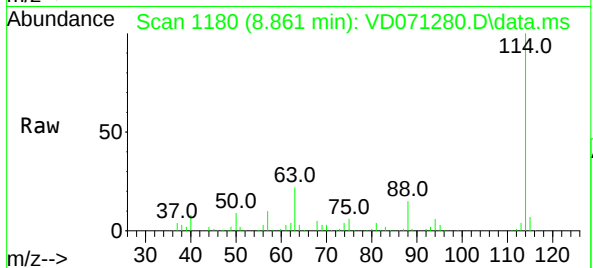
Tgt Ion:114 Resp: 261281

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.8

88 15.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 53.281 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071280.D

Acq: 11 Dec 2021 20:06

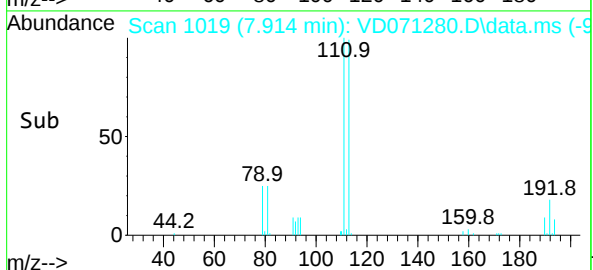
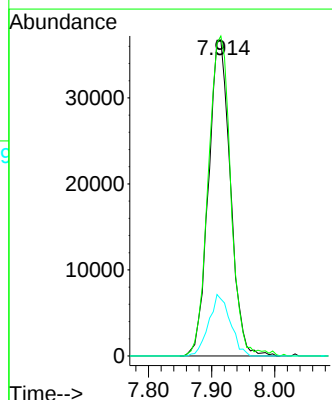
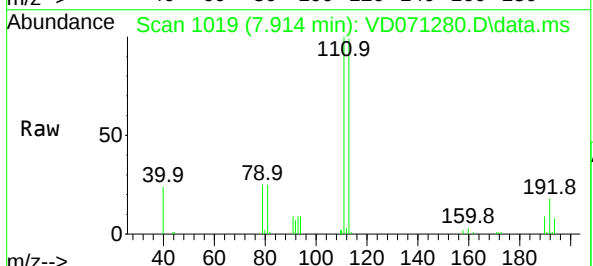
Tgt Ion:113 Resp: 88650

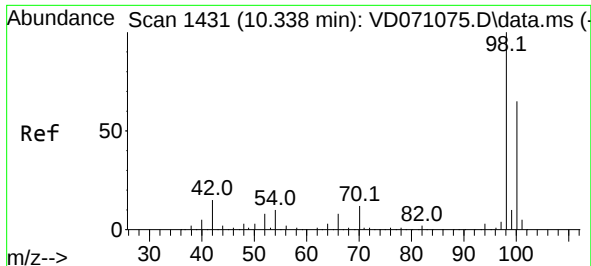
Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

192 19.1 15.2 22.8

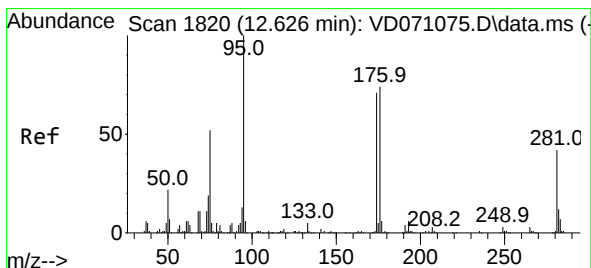
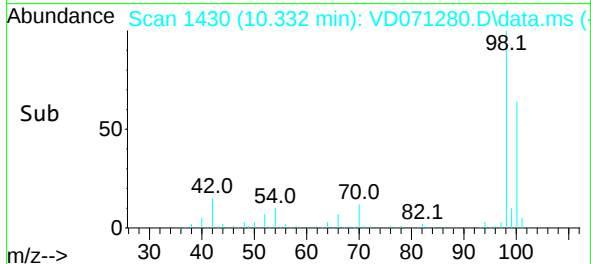
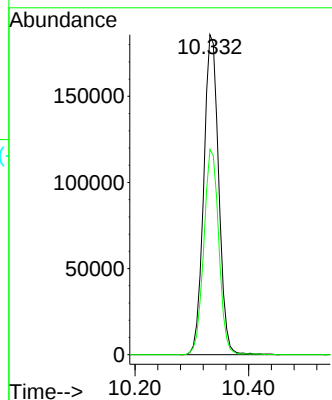
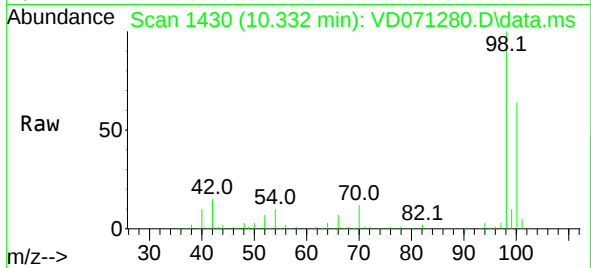




#50
Toluene-d8
Concen: 53.555 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071280.D
Acq: 11 Dec 2021 20:06

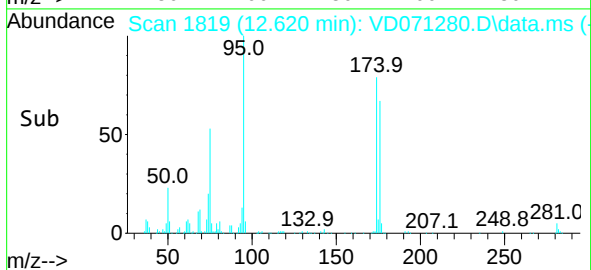
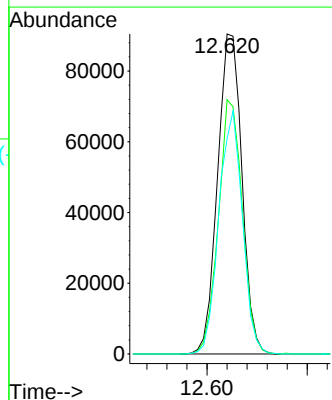
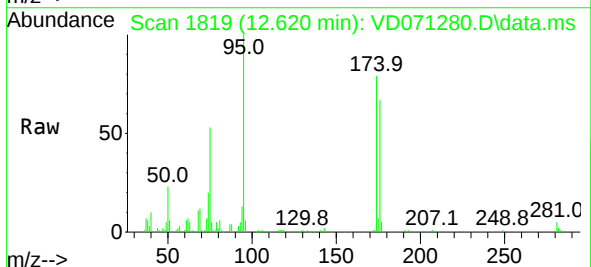
Instrument :
MSVOA_D
ClientSampleId :
TP2

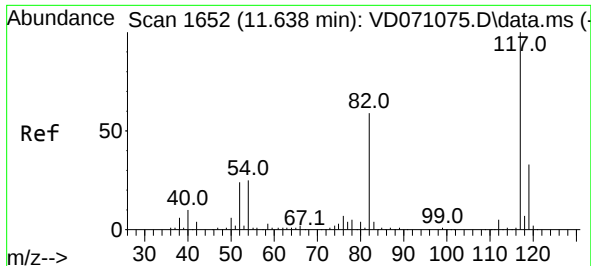
Tgt Ion: 98 Resp: 339091
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 69.524 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071280.D
Acq: 11 Dec 2021 20:06

Tgt Ion: 95 Resp: 152591
Ion Ratio Lower Upper
95 100
174 78.1 0.0 159.4
176 73.2 0.0 154.0

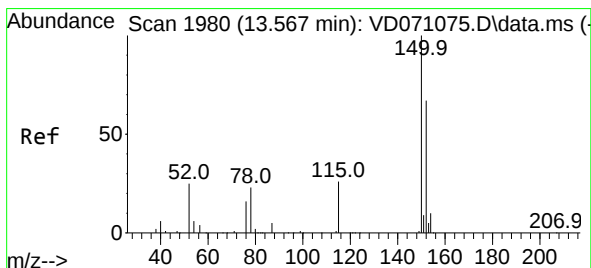
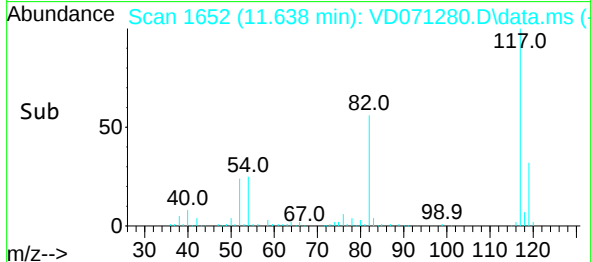
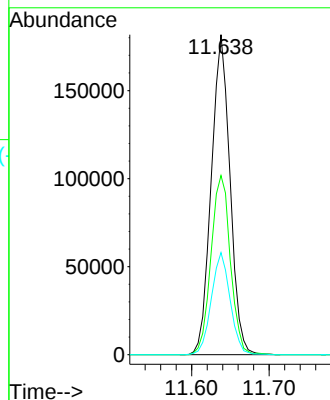
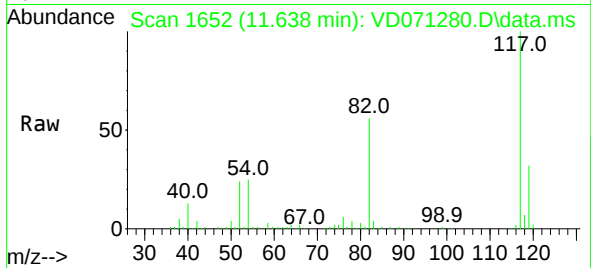




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071280.D
Acq: 11 Dec 2021 20:06

Instrument :
MSVOA_D
ClientSampleId :
TP2

Tgt Ion:117 Resp: 304911
Ion Ratio Lower Upper
117 100
82 56.0 44.7 67.1
119 31.9 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: VD071280.D
Acq: 11 Dec 2021 20:06

Tgt Ion:152 Resp: 159972
Ion Ratio Lower Upper
152 100
115 59.1 29.8 89.3
150 154.8 0.0 349.2

