

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
 Data File : VD071283.D
 Acq On : 11 Dec 2021 21:31
 Operator : VA/SY
 Sample : M5017-49
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP1-B

Quant Time: Dec 12 18:53:39 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	11022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	17762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	22089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	10839	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	9103	70.386	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.780%
35) Dibromofluoromethane	7.908	113	5162	45.638	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.280%
50) Toluene-d8	10.332	98	21898	50.875	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.740%
62) 4-Bromofluorobenzene	12.620	95	10337	69.282	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	138.560%

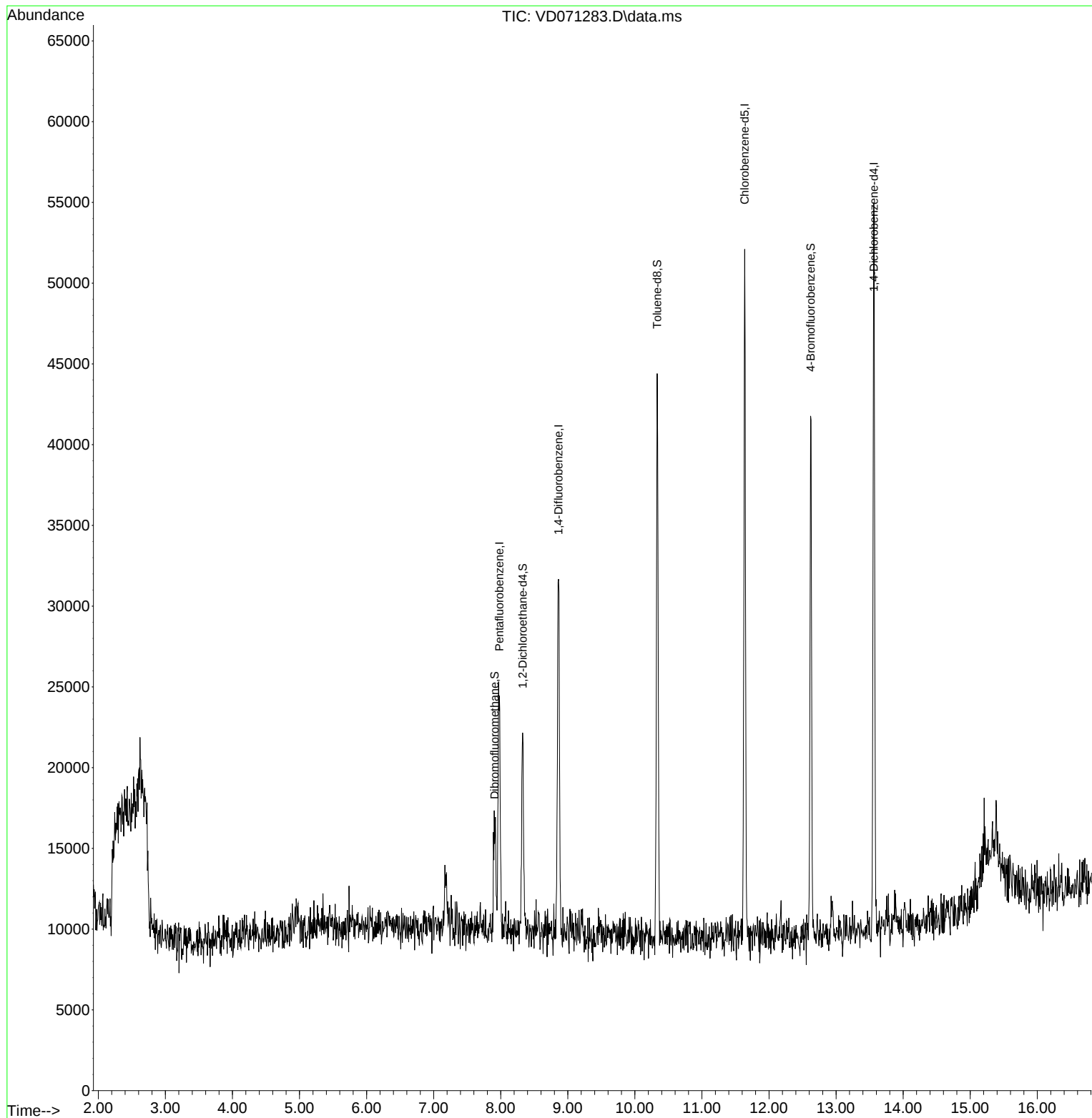
Target Compounds	Qvalue

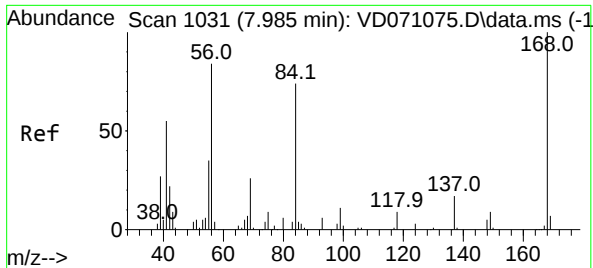
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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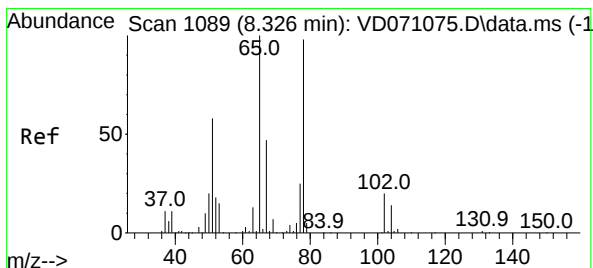
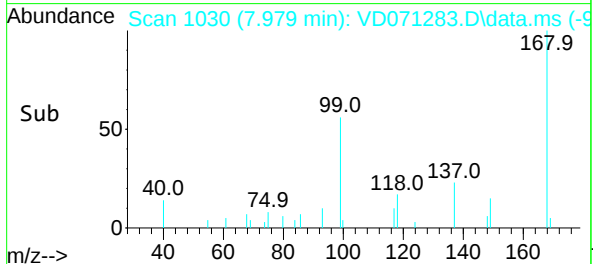
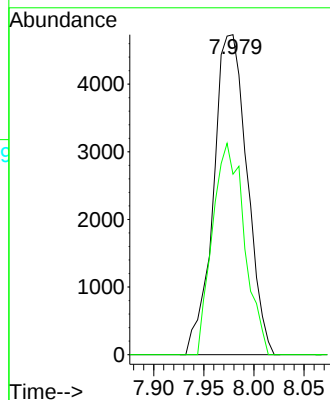
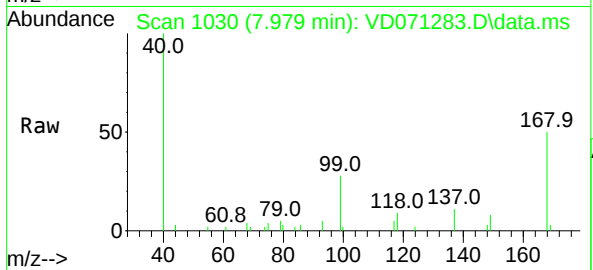




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071283.D
Acq: 11 Dec 2021 21:31

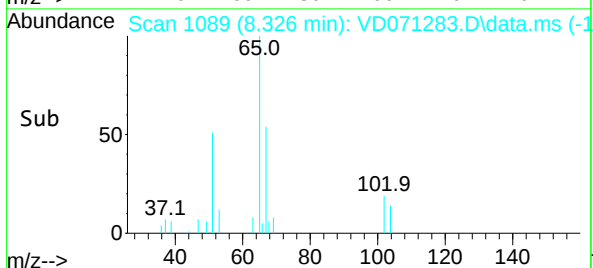
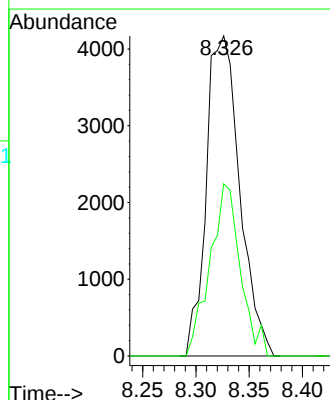
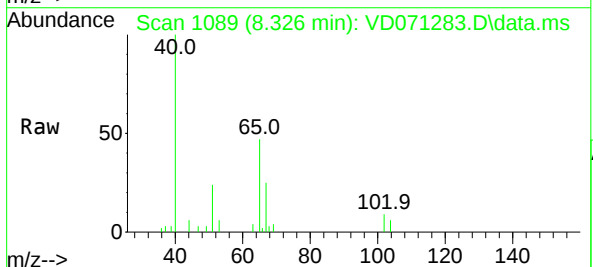
Instrument :
MSVOA_D
ClientSampleId :
SP1-B

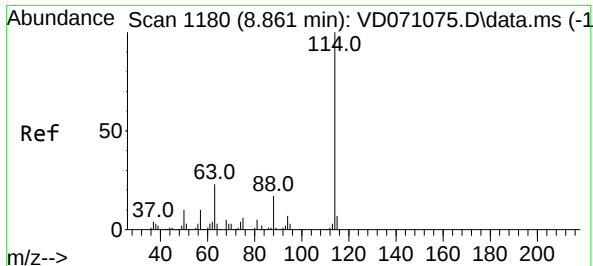
Tgt Ion:168 Resp: 11022
Ion Ratio Lower Upper
168 100
99 56.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 70.386 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071283.D
Acq: 11 Dec 2021 21:31

Tgt Ion: 65 Resp: 9103
Ion Ratio Lower Upper
65 100
67 48.8 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: VD071283.D

Acq: 11 Dec 2021 21:31

Instrument :

MSVOA_D

ClientSampleId :

SP1-B

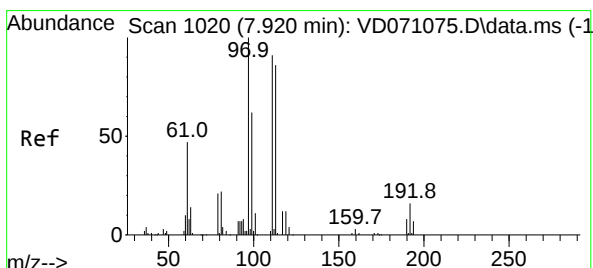
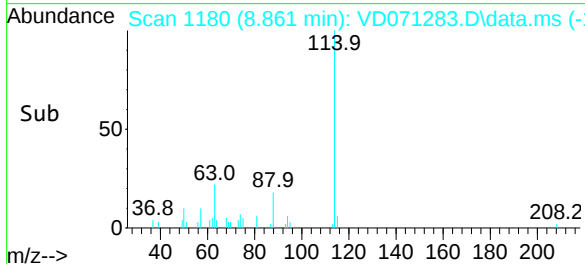
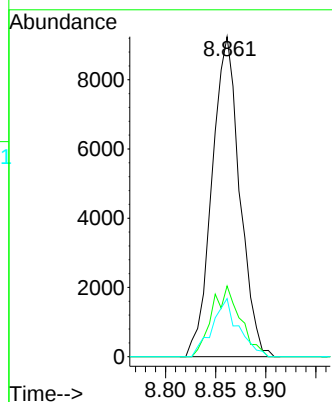
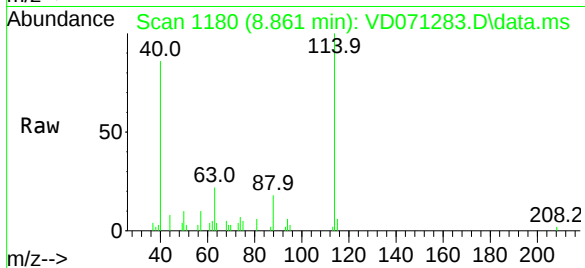
Tgt Ion:114 Resp: 17762

Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

88 18.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.638 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD071283.D

Acq: 11 Dec 2021 21:31

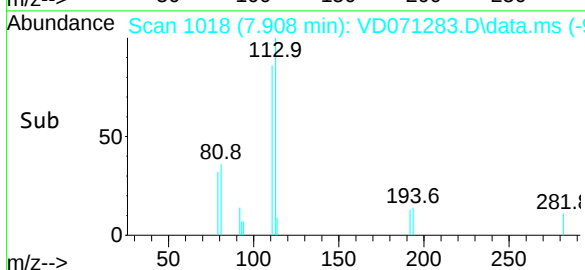
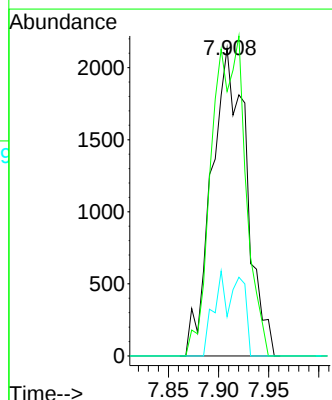
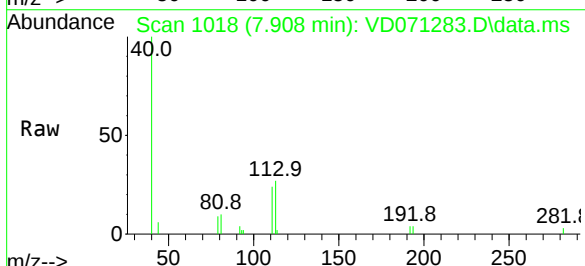
Tgt Ion:113 Resp: 5162

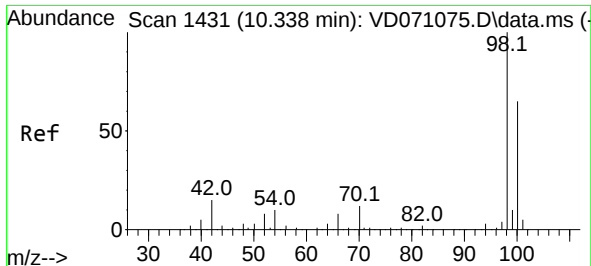
Ion Ratio Lower Upper

113 100

111 0.0 82.0 123.0#

192 10.2 15.2 22.8#

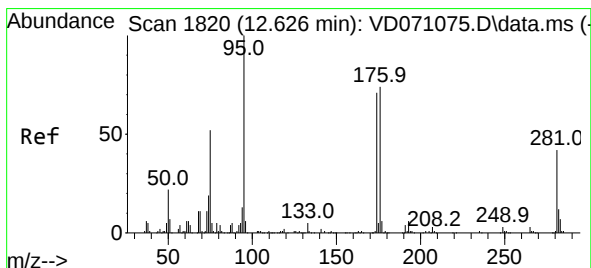
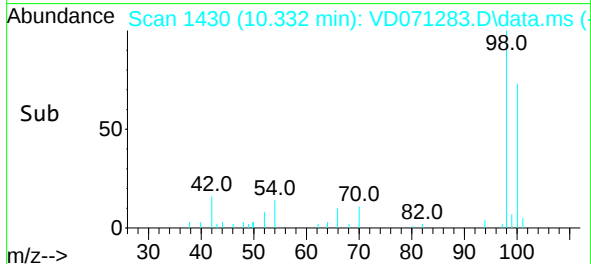
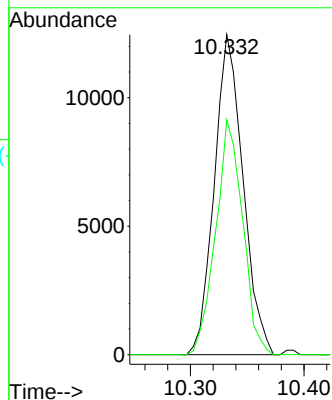
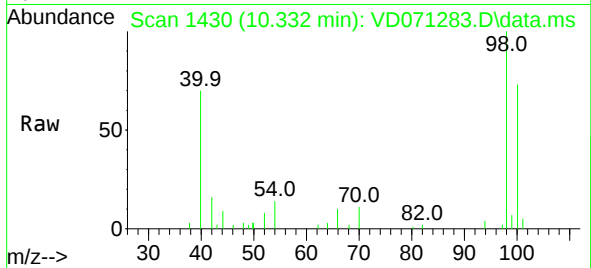




#50
Toluene-d8
Concen: 50.875 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071283.D
Acq: 11 Dec 2021 21:31

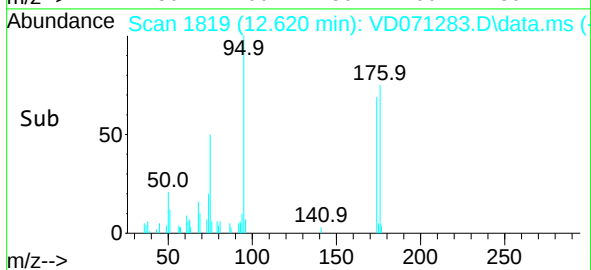
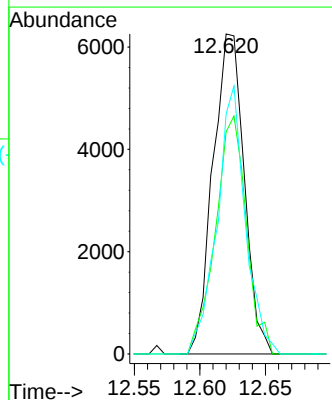
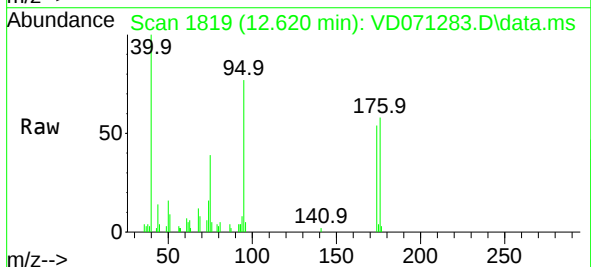
Instrument :
MSVOA_D
ClientSampleId :
SP1-B

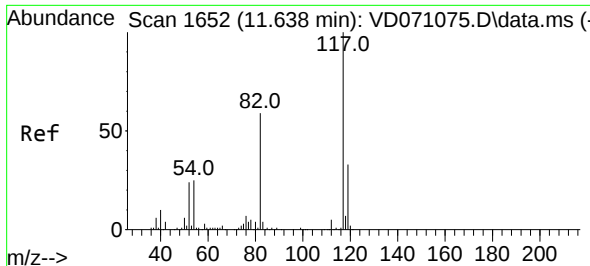
Tgt Ion: 98 Resp: 21898
Ion Ratio Lower Upper
98 100
100 69.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 69.282 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071283.D
Acq: 11 Dec 2021 21:31

Tgt Ion: 95 Resp: 10337
Ion Ratio Lower Upper
95 100
174 73.9 0.0 159.4
176 76.1 0.0 154.0

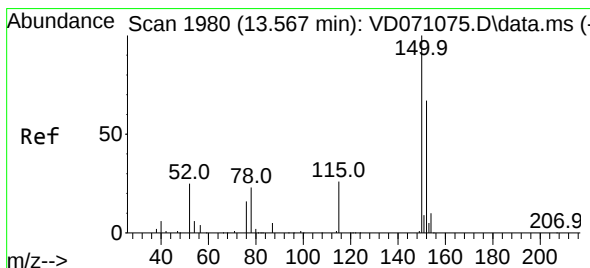
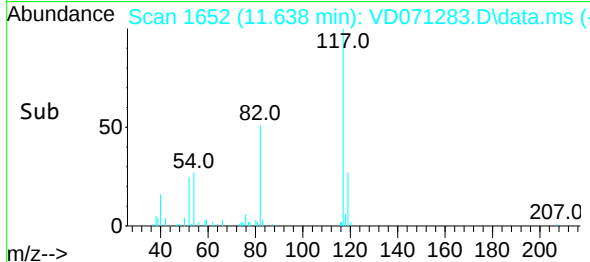
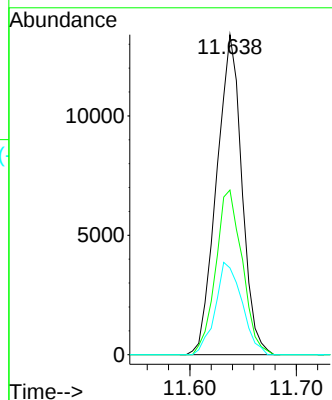
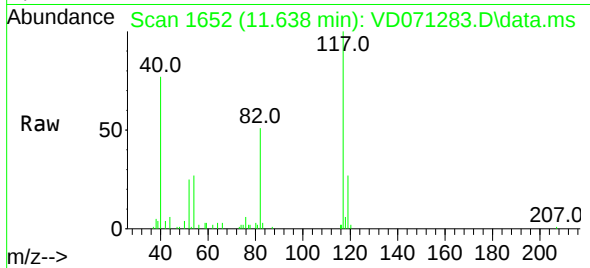




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071283.D
Acq: 11 Dec 2021 21:31

Instrument :
MSVOA_D
ClientSampleId :
SP1-B

Tgt Ion:117 Resp: 22089
Ion Ratio Lower Upper
117 100
82 51.5 44.7 67.1
119 27.1 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: VD071283.D
Acq: 11 Dec 2021 21:31

Tgt Ion:152 Resp: 10839
Ion Ratio Lower Upper
152 100
115 54.6 29.8 89.3
150 157.1 0.0 349.2

