

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
 Data File : VD071272.D
 Acq On : 11 Dec 2021 16:20
 Operator : VA/SY
 Sample : M5018-29RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP5RE

Quant Time: Dec 12 17:54:18 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	19815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	32477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	39799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	20558	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	16420	70.622	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.240%
35) Dibromofluoromethane	7.914	113	12149	58.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.480%
50) Toluene-d8	10.332	98	41584	52.837	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.680%
62) 4-Bromofluorobenzene	12.620	95	20158	73.890	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	147.780%#

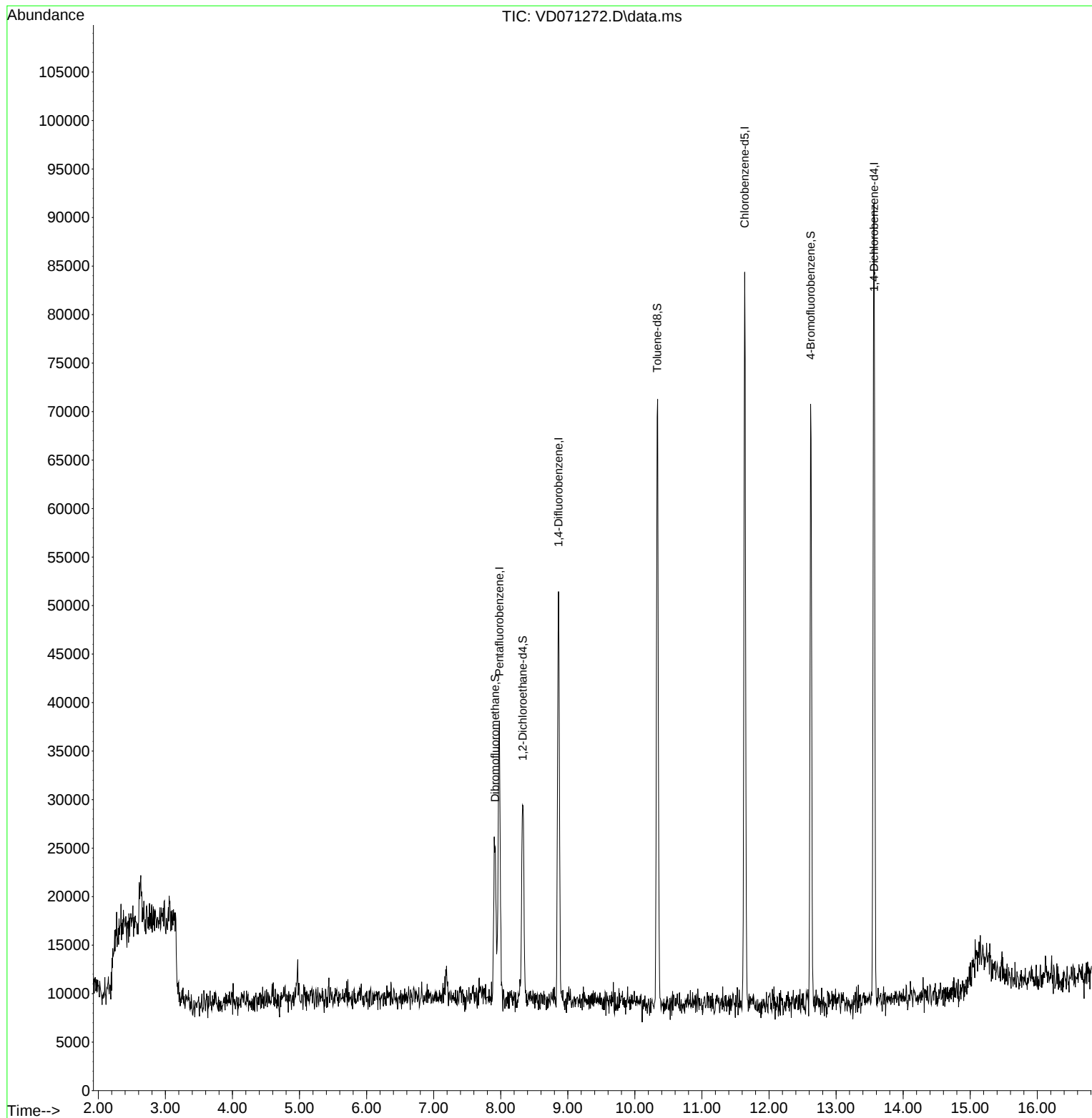
Target Compounds	Qvalue

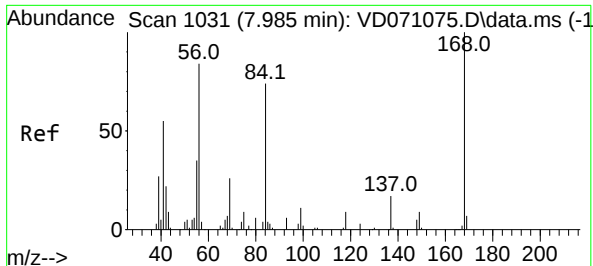
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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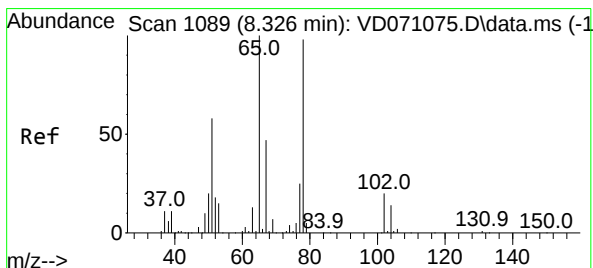
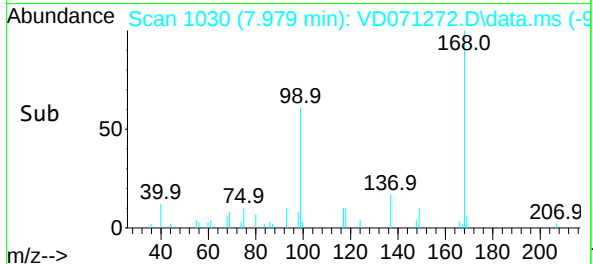
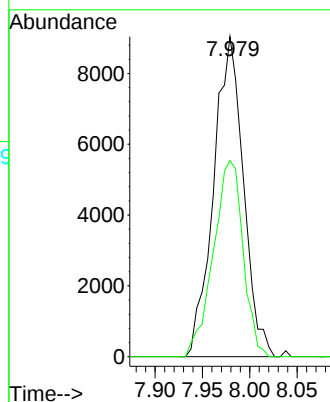
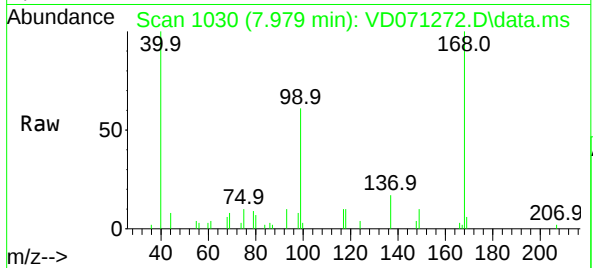




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071272.D
Acq: 11 Dec 2021 16:20

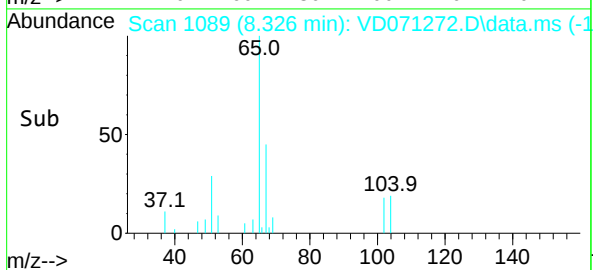
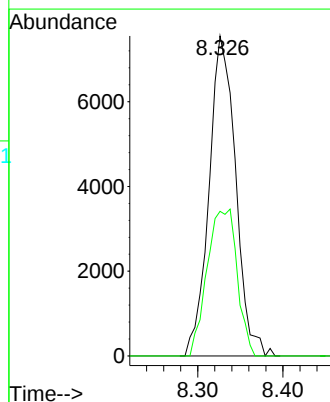
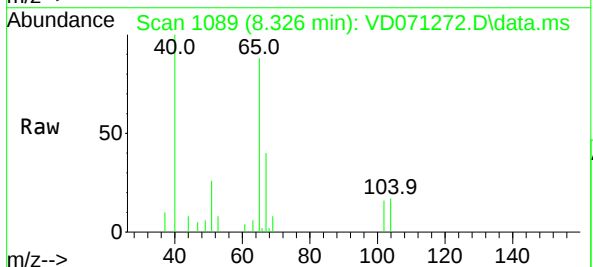
Instrument :
MSVOA_D
ClientSampleId :
TP5RE

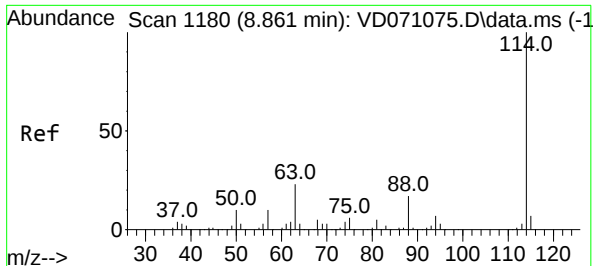
Tgt Ion:168 Resp: 19815
Ion Ratio Lower Upper
168 100
99 61.3 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 70.622 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071272.D
Acq: 11 Dec 2021 16:20

Tgt Ion: 65 Resp: 16420
Ion Ratio Lower Upper
65 100
67 51.4 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: VD071272.D

Acq: 11 Dec 2021 16:20

Instrument :

MSVOA_D

ClientSampleId :

TP5RE

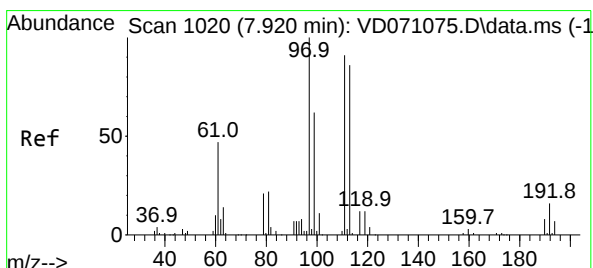
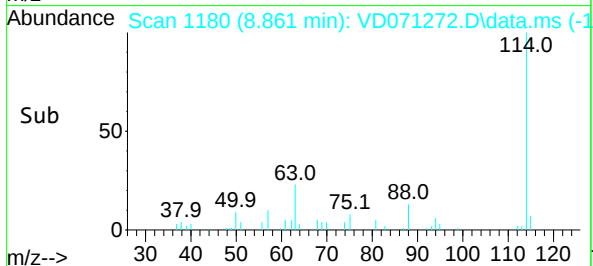
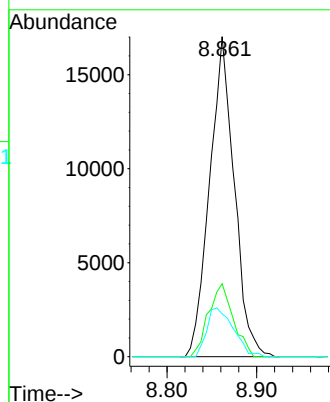
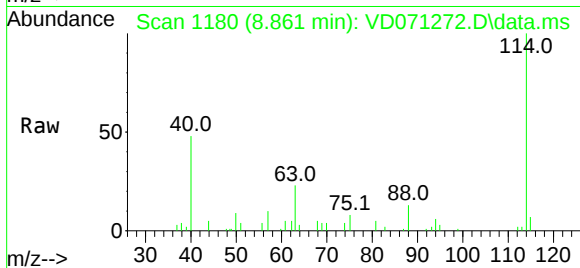
Tgt Ion:114 Resp: 32477

Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 13.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 58.745 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071272.D

Acq: 11 Dec 2021 16:20

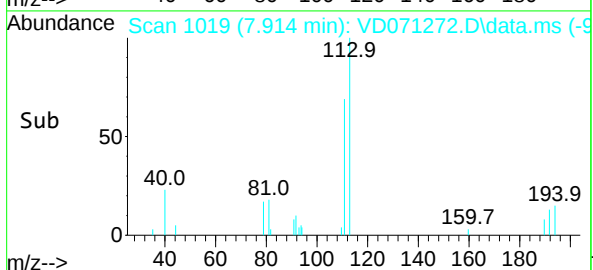
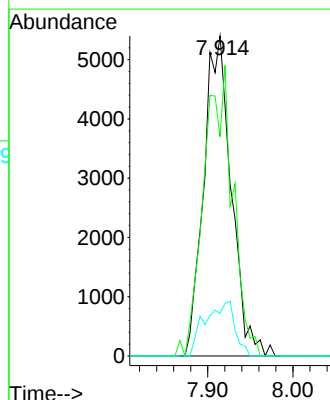
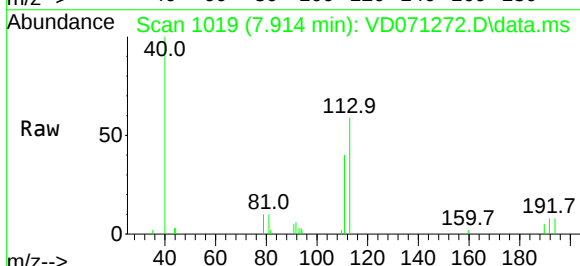
Tgt Ion:113 Resp: 12149

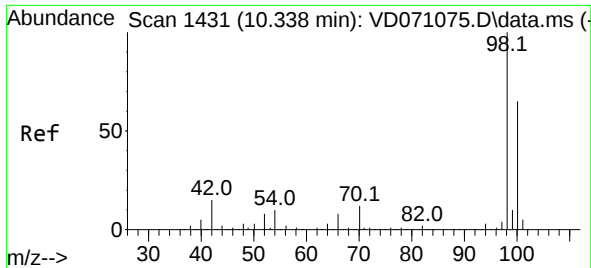
Ion Ratio Lower Upper

113 100

111 95.2 82.0 123.0

192 18.3 15.2 22.8

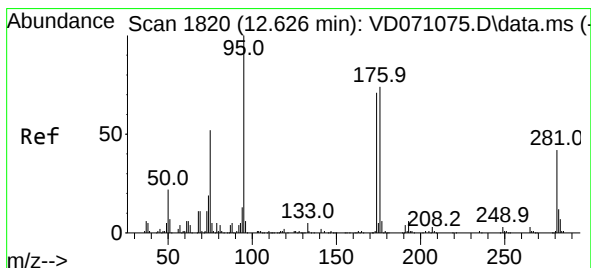
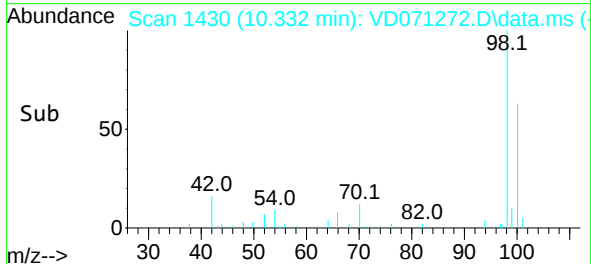
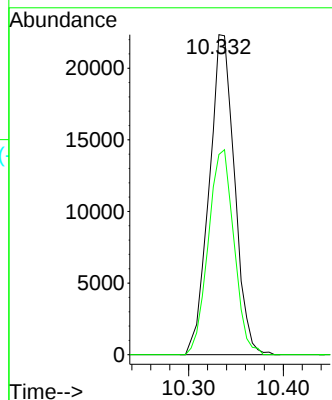
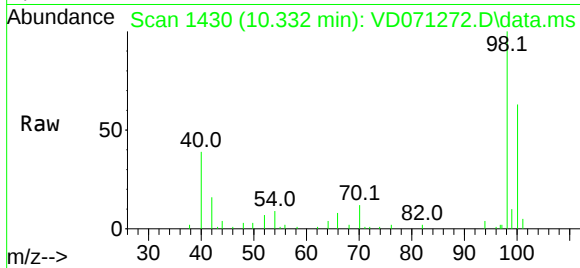




#50
Toluene-d8
Concen: 52.837 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071272.D
Acq: 11 Dec 2021 16:20

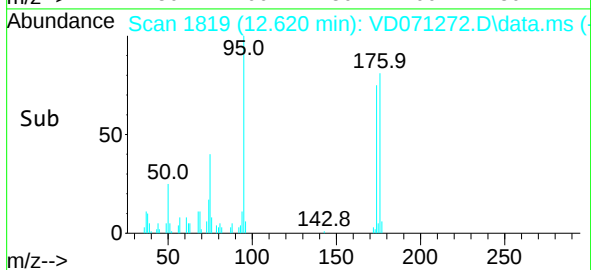
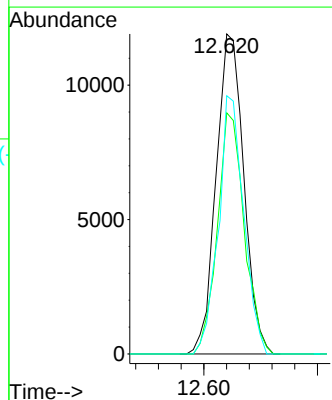
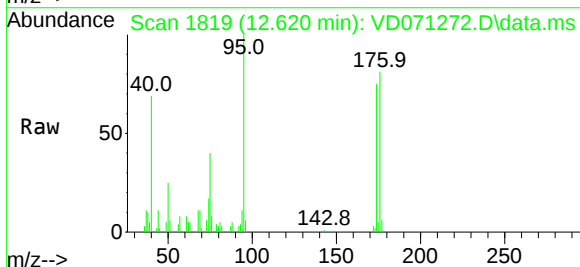
Instrument :
MSVOA_D
ClientSampleId :
TP5RE

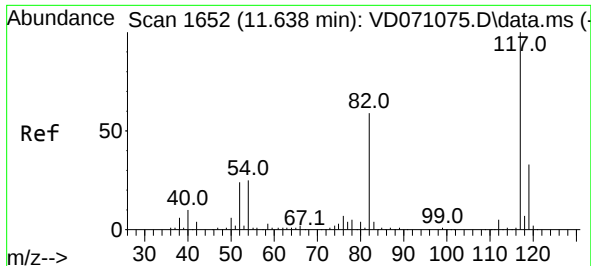
Tgt Ion: 98 Resp: 41584
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 73.890 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071272.D
Acq: 11 Dec 2021 16:20

Tgt Ion: 95 Resp: 20158
Ion Ratio Lower Upper
95 100
174 73.1 0.0 159.4
176 73.7 0.0 154.0

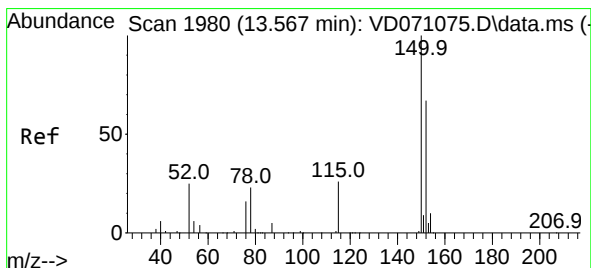
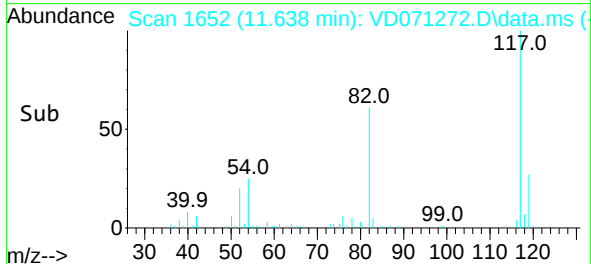
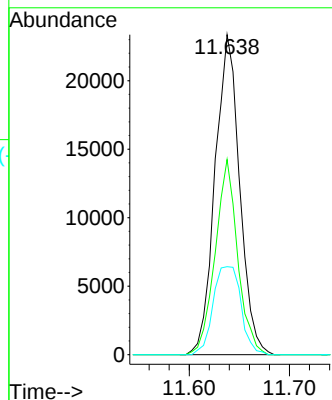
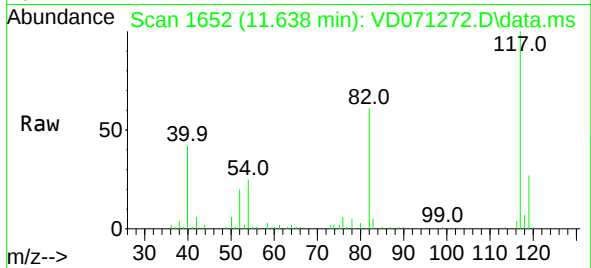




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071272.D
Acq: 11 Dec 2021 16:20

Instrument :
MSVOA_D
ClientSampleId :
TP5RE

Tgt Ion:117 Resp: 39799
Ion Ratio Lower Upper
117 100
82 61.0 44.7 67.1
119 27.5 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: VD071272.D
Acq: 11 Dec 2021 16:20

Tgt Ion:152 Resp: 20558
Ion Ratio Lower Upper
152 100
115 61.3 29.8 89.3
150 155.8 0.0 349.2

