

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092121\
 Data File : VD070397.D
 Acq On : 21 Sep 2021 11:49
 Operator : VA/SY
 Sample : VD0921SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBL01

Quant Time: Sep 22 01:46:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	411959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	798284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	740103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	309530	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	261864	49.505	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.020%
35) Dibromofluoromethane	7.908	113	266746	46.943	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.880%
50) Toluene-d8	10.338	98	919351	44.562	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.120%
62) 4-Bromofluorobenzene	12.626	95	297060	41.200	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.400%

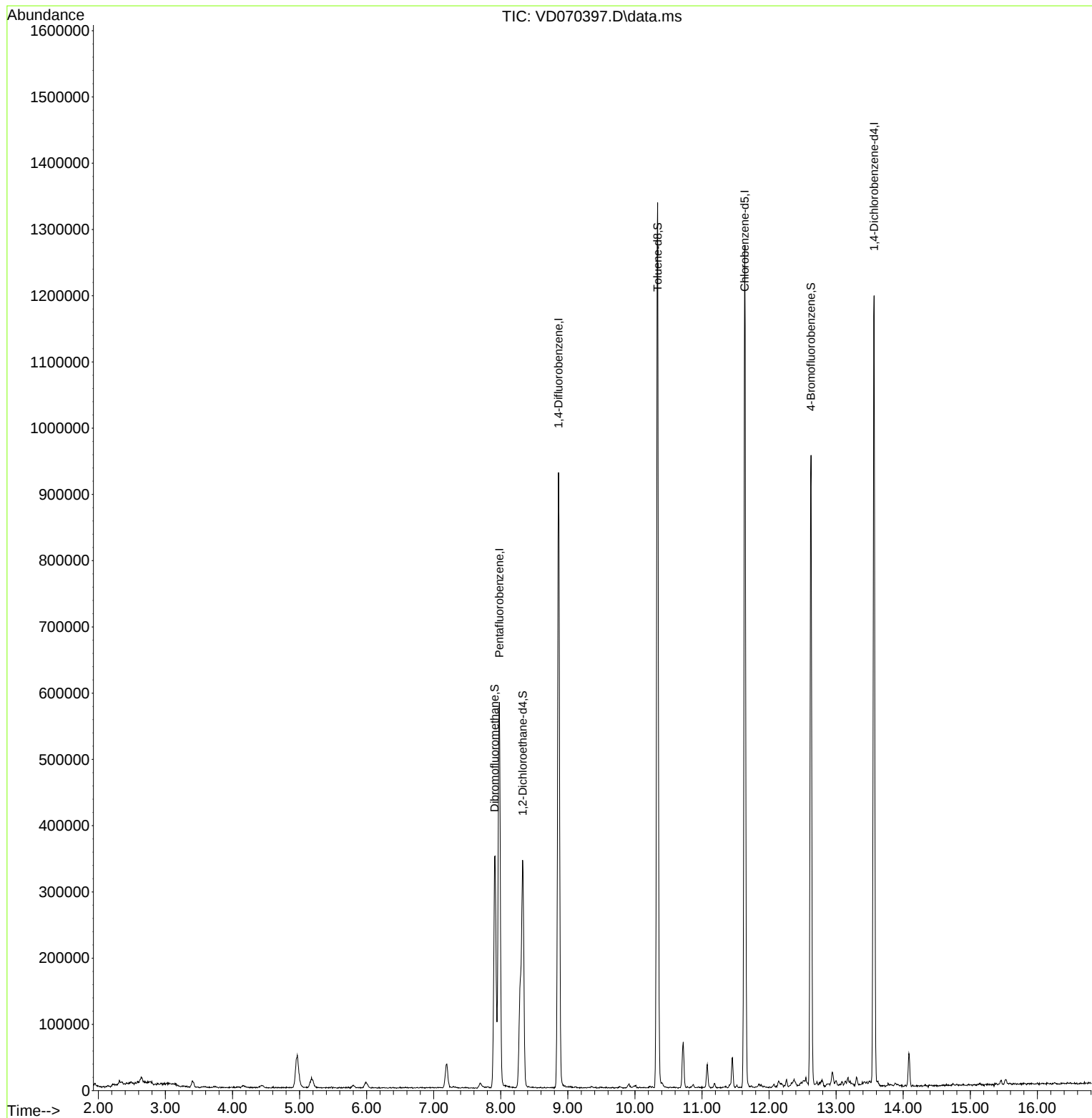
Target Compounds	Qvalue

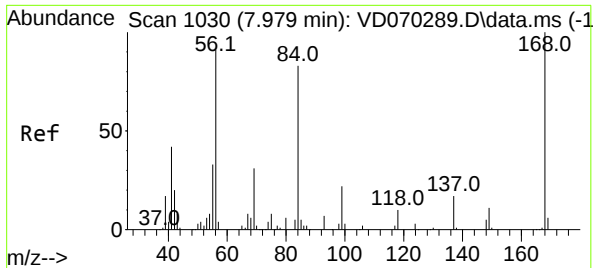
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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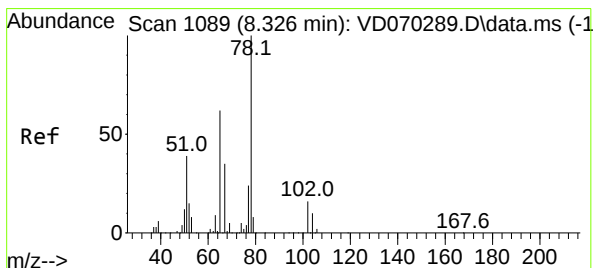
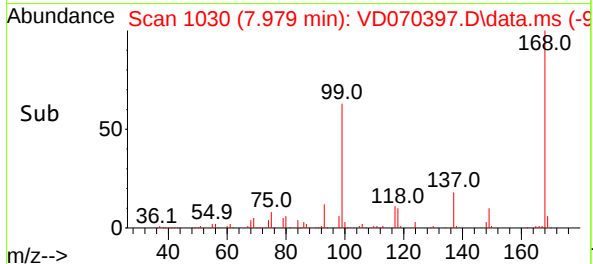
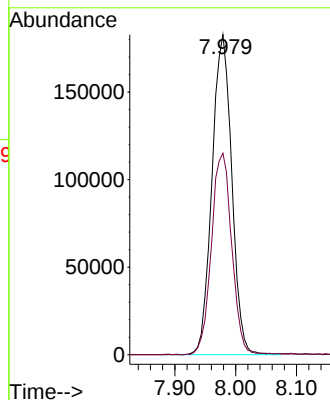
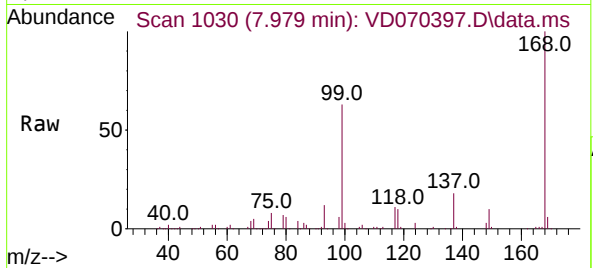




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070397.D
Acq: 21 Sep 2021 11:49

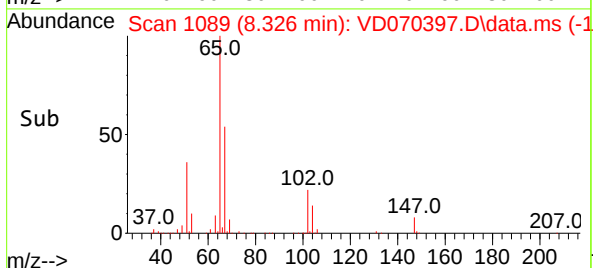
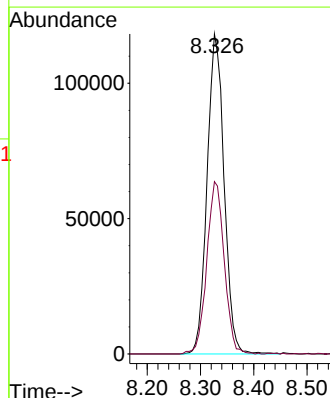
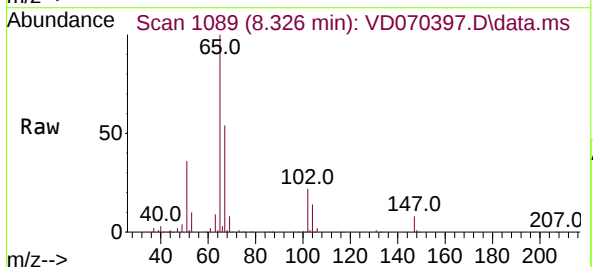
Instrument :
MSVOA_D
ClientSampleId :
VD0921SBL01

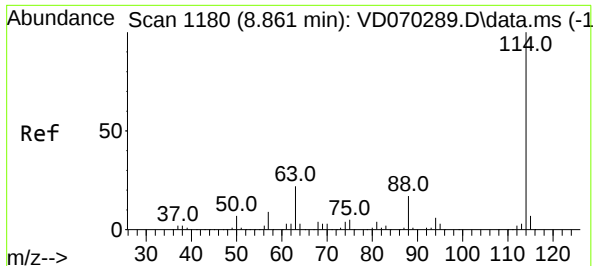
Tgt Ion:168 Resp: 411959
Ion Ratio Lower Upper
168 100
99 63.0 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 49.505 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070397.D
Acq: 21 Sep 2021 11:49

Tgt Ion: 65 Resp: 261864
Ion Ratio Lower Upper
65 100
67 55.4 0.0 111.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070397.D

Acq: 21 Sep 2021 11:49

Tgt Ion:114 Resp: 798284

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.4

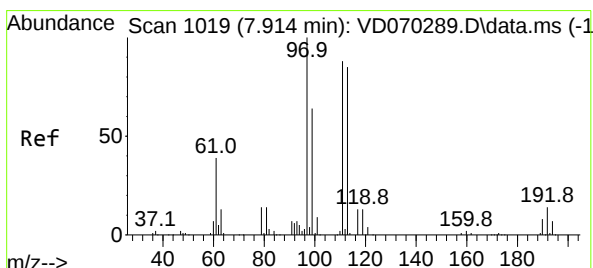
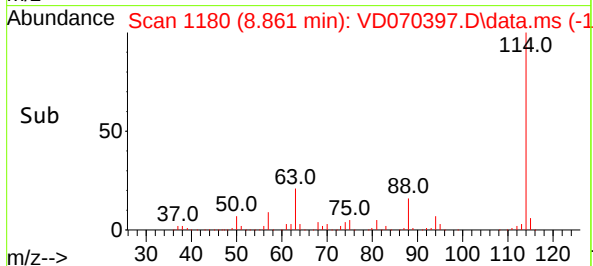
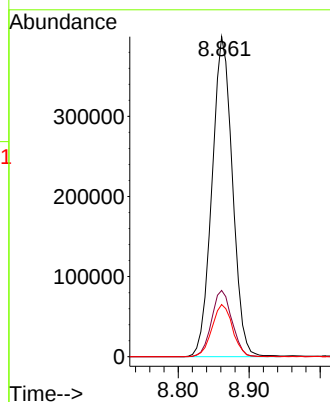
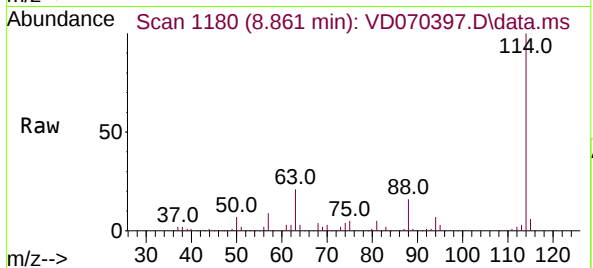
88 16.3 0.0 33.4

Instrument :

MSVOA_D

ClientSampleId :

VD0921SBL01



#35

Dibromofluoromethane

Concen: 46.943 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070397.D

Acq: 21 Sep 2021 11:49

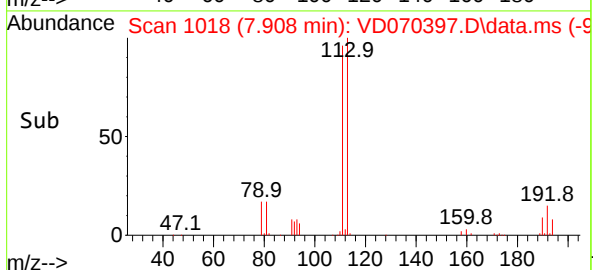
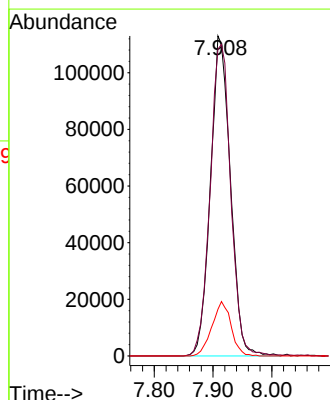
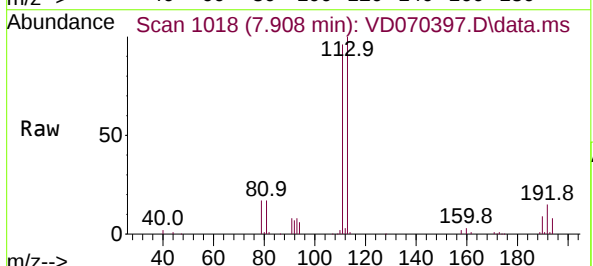
Tgt Ion:113 Resp: 266746

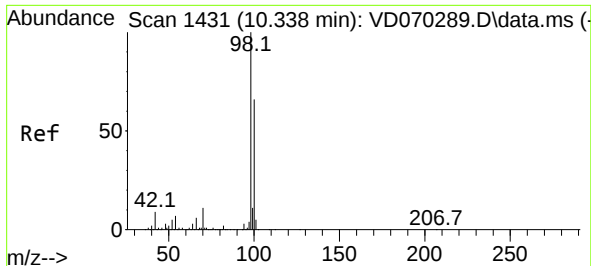
Ion Ratio Lower Upper

113 100

111 100.9 81.4 122.2

192 16.4 13.0 19.6

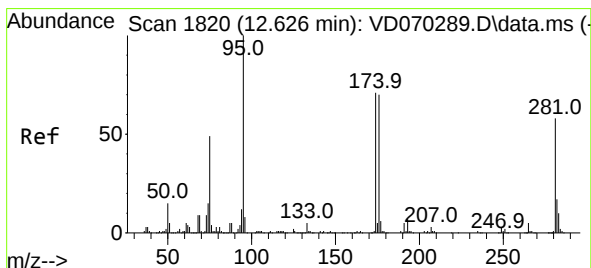
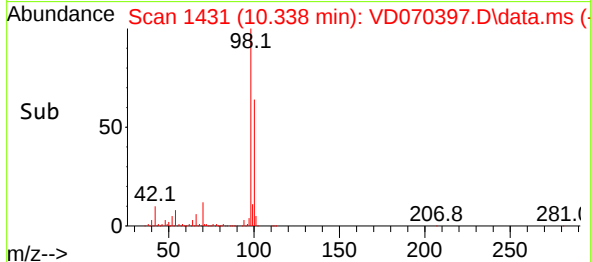
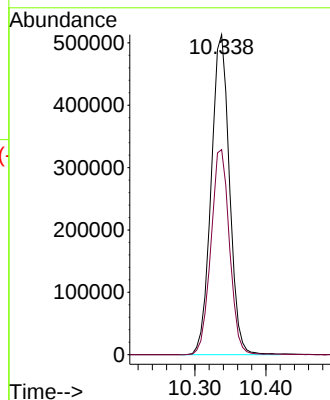
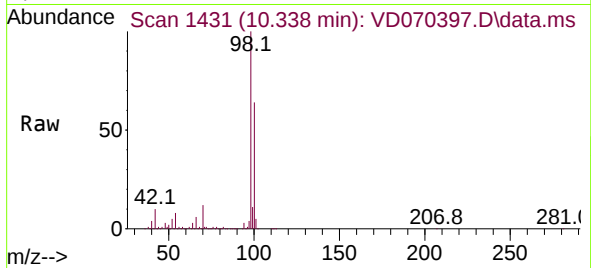




#50
Toluene-d8
Concen: 44.562 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070397.D
Acq: 21 Sep 2021 11:49

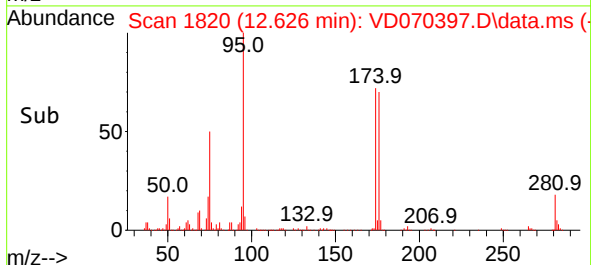
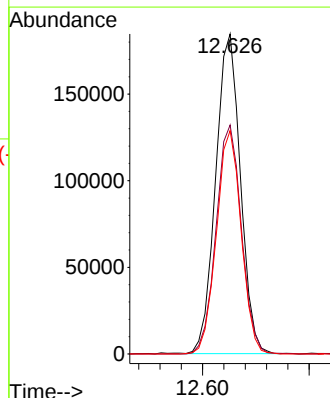
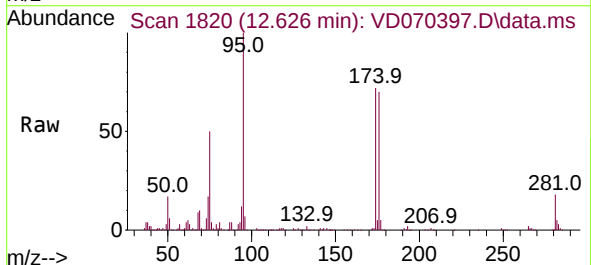
Instrument :
MSVOA_D
ClientSampleId :
VD0921SBL01

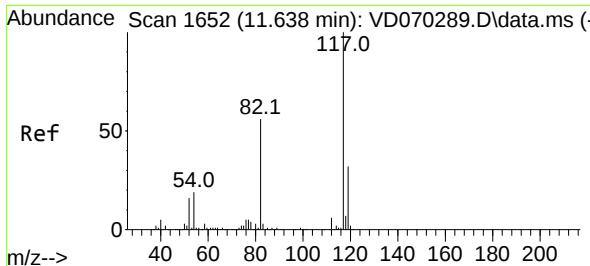
Tgt Ion: 98 Resp: 919351
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.200 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070397.D
Acq: 21 Sep 2021 11:49

Tgt Ion: 95 Resp: 297060
Ion Ratio Lower Upper
95 100
174 73.4 0.0 140.6
176 69.7 0.0 137.4

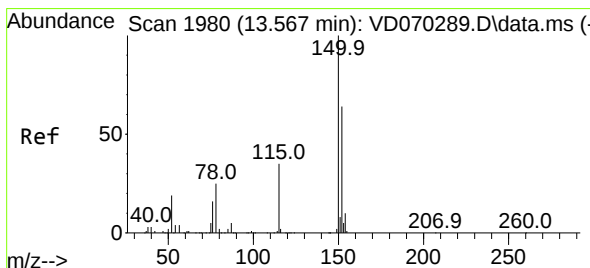
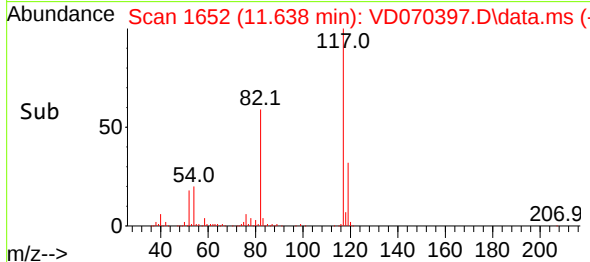
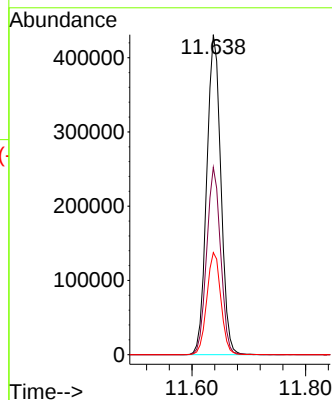
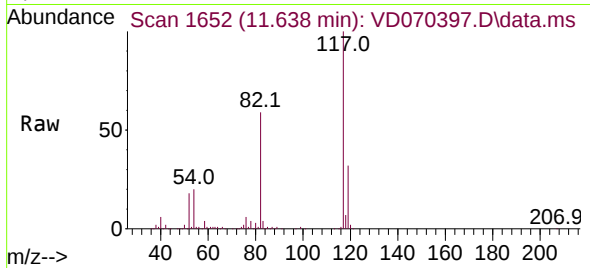




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070397.D
Acq: 21 Sep 2021 11:49

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBL01

Tgt Ion:117 Resp: 740103
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.4
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070397.D
Acq: 21 Sep 2021 11:49

Tgt Ion:152 Resp: 309530
Ion Ratio Lower Upper
152 100
115 64.2 32.1 96.3
150 160.6 0.0 350.6

