

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062122\
 Data File : VD073645.D
 Acq On : 21 Jun 2022 14:24
 Operator : VA/SY
 Sample : N3427-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-062122

Quant Time: Jun 22 06:01:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:24:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	246910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	449759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	414183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	183195	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	144703	50.934	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.860%
35) Dibromofluoromethane	7.908	113	152340	46.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.380%
50) Toluene-d8	10.332	98	528666	45.270	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.540%
62) 4-Bromofluorobenzene	12.620	95	170619	39.840	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.680%

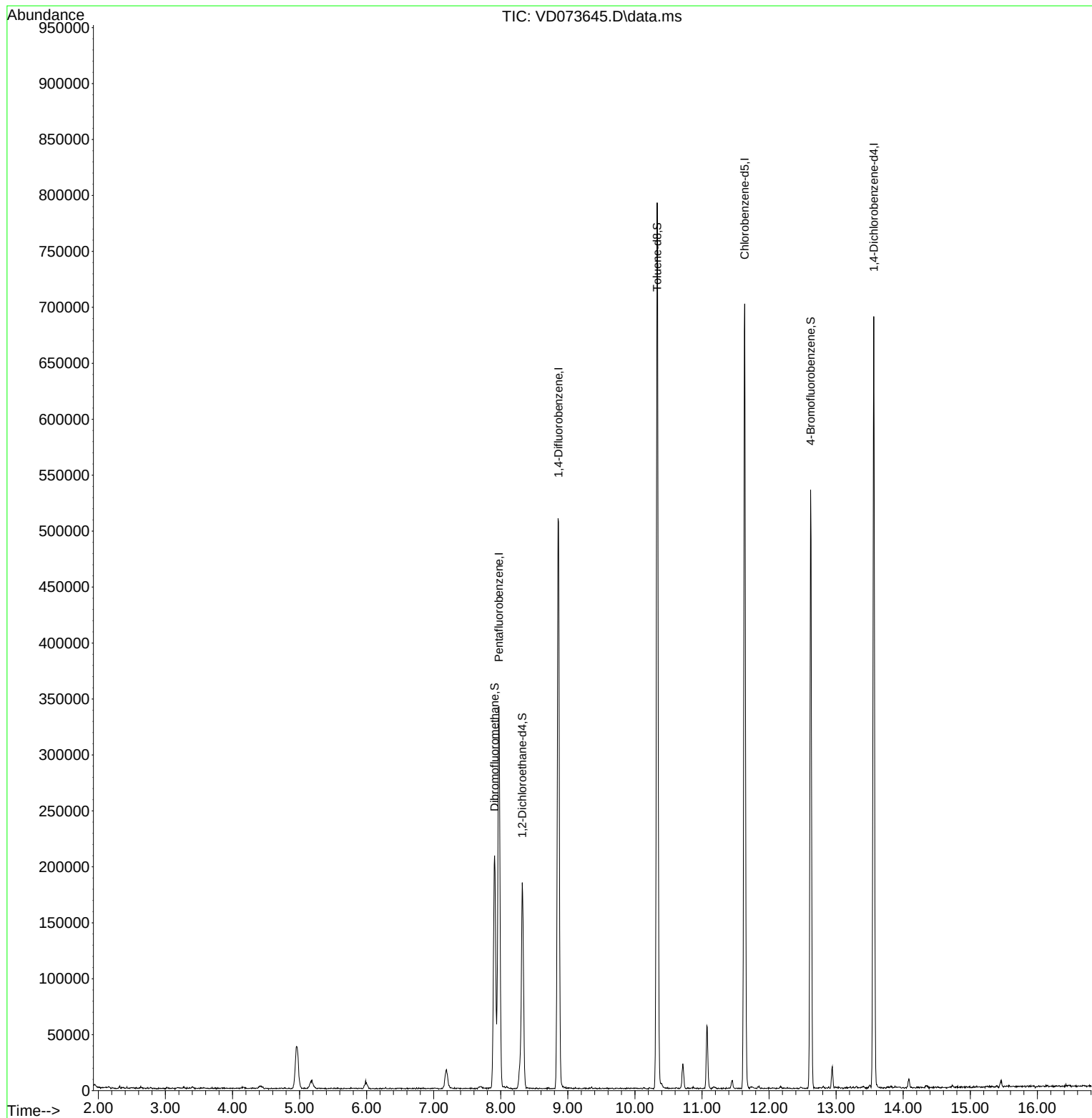
Target Compounds	Qvalue

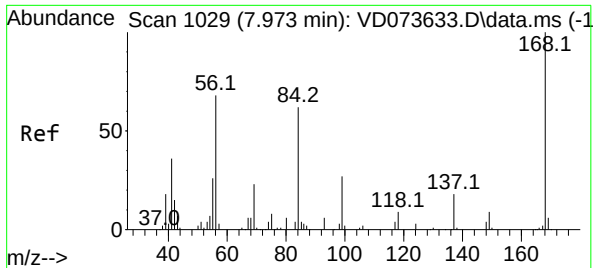
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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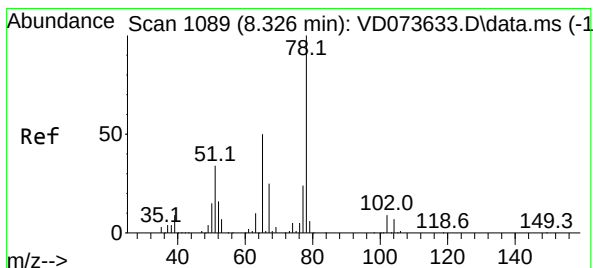
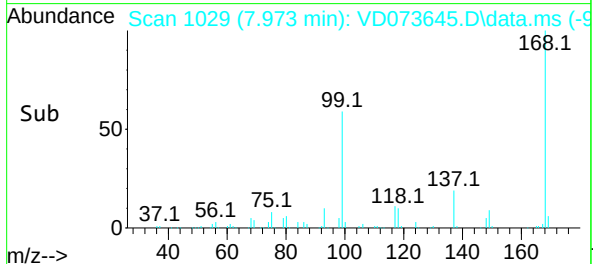
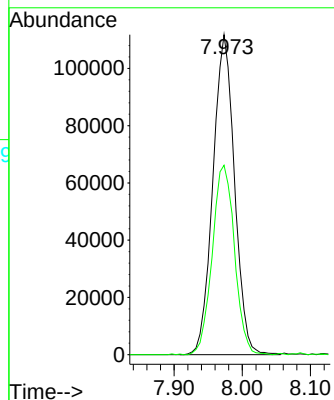
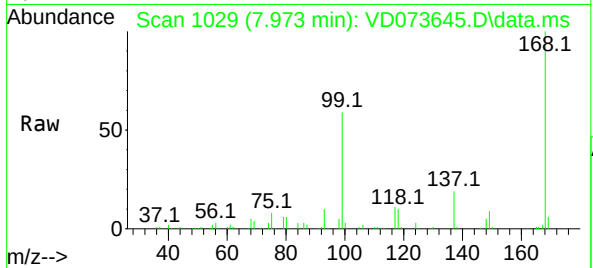




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073645.D
Acq: 21 Jun 2022 14:24

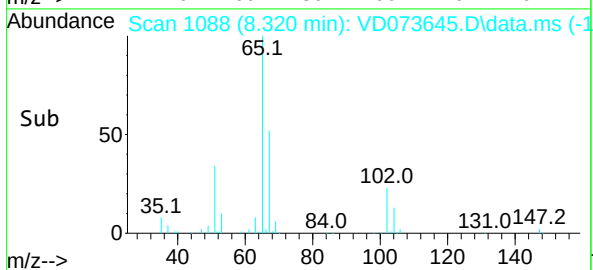
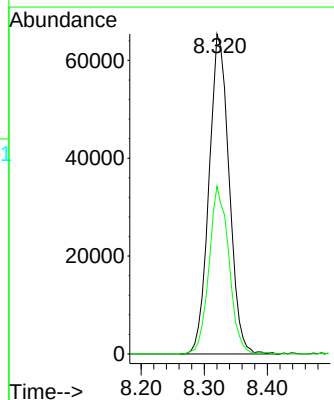
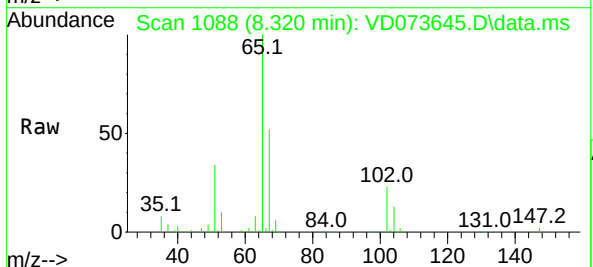
Instrument :
MSVOA_D
ClientSampleId :
TR-04-062122

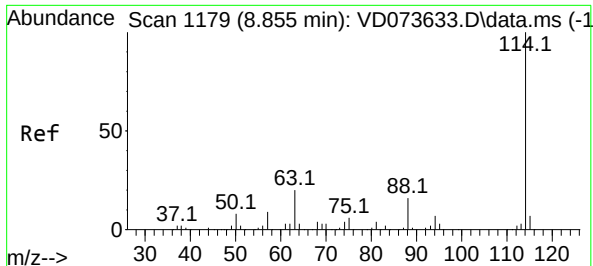
Tgt Ion:168 Resp: 246910
Ion Ratio Lower Upper
168 100
99 59.0 47.4 71.0



#33
1,2-Dichloroethane-d4
Concen: 50.934 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073645.D
Acq: 21 Jun 2022 14:24

Tgt Ion: 65 Resp: 144703
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073645.D

Acq: 21 Jun 2022 14:24

Instrument :

MSVOA_D

ClientSampleId :

TR-04-062122

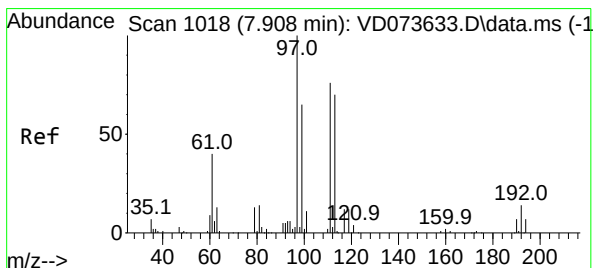
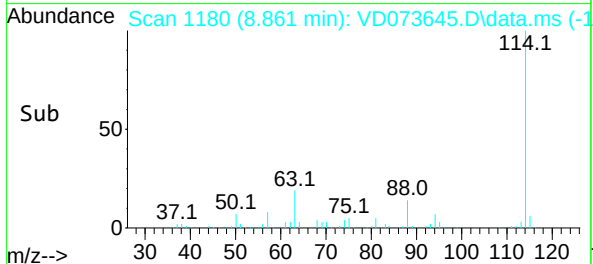
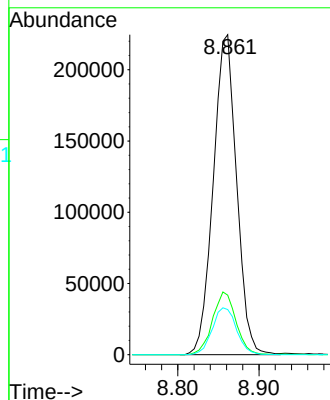
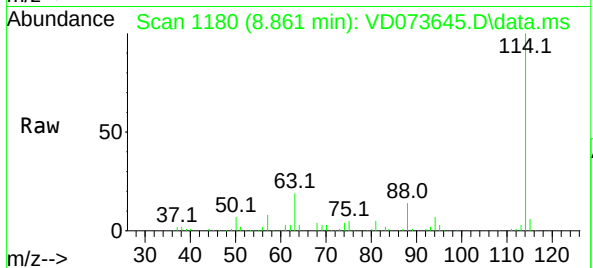
Tgt Ion:114 Resp: 449759

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.4

88 14.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.691 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073645.D

Acq: 21 Jun 2022 14:24

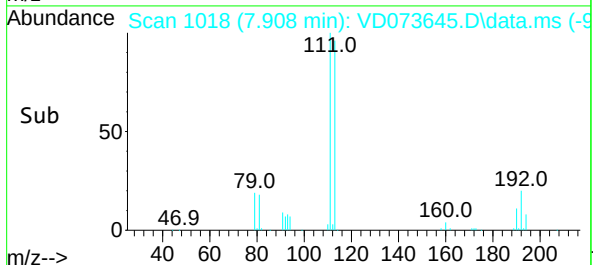
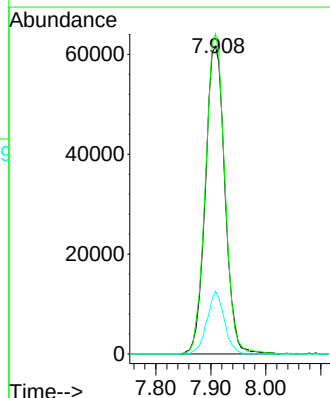
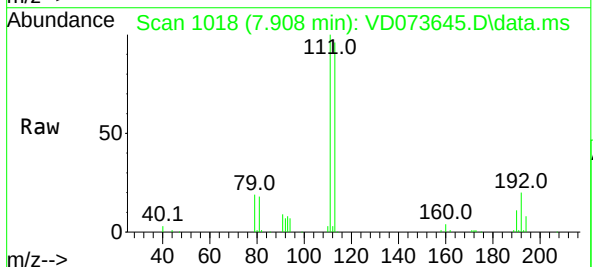
Tgt Ion:113 Resp: 152340

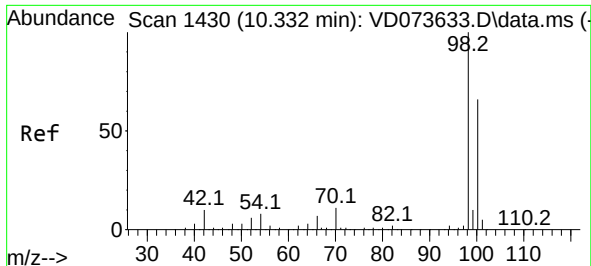
Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

192 18.0 14.3 21.5

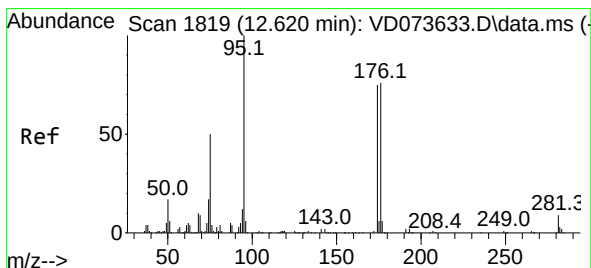
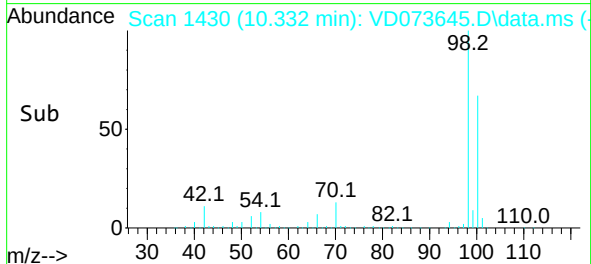
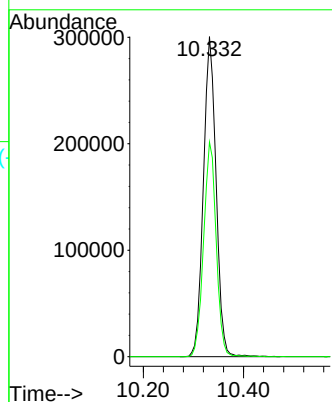
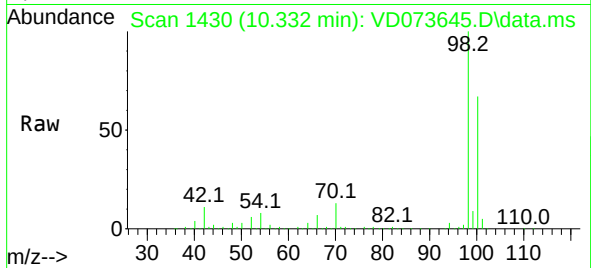




#50
Toluene-d8
Concen: 45.270 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073645.D
Acq: 21 Jun 2022 14:24

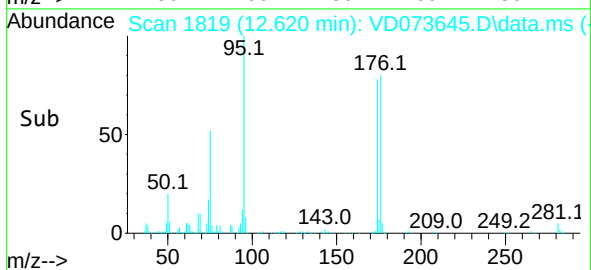
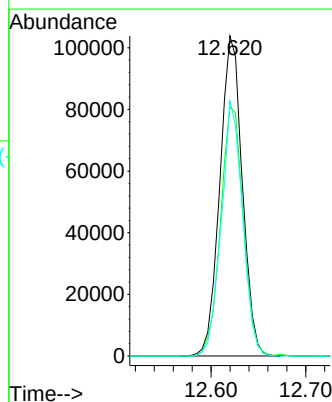
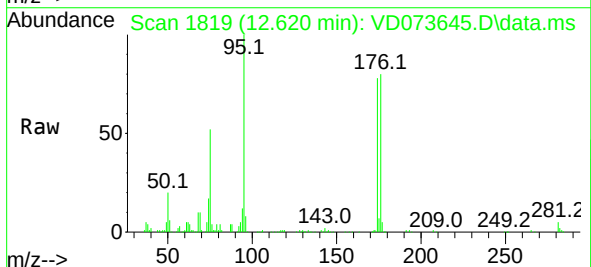
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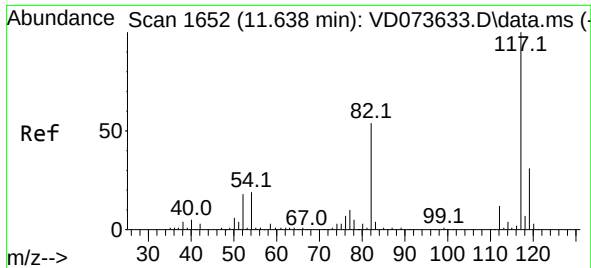
Tgt Ion: 98 Resp: 528666
Ion Ratio Lower Upper
98 100
100 66.7 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 39.840 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073645.D
Acq: 21 Jun 2022 14:24

Tgt Ion: 95 Resp: 170619
Ion Ratio Lower Upper
95 100
174 79.1 0.0 156.4
176 75.6 0.0 151.8

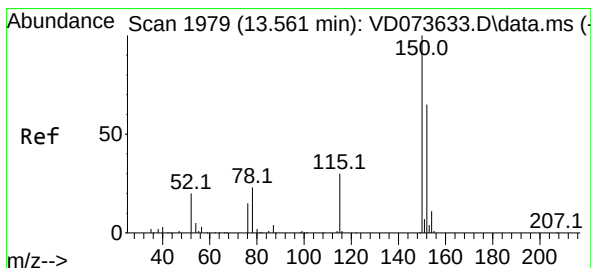
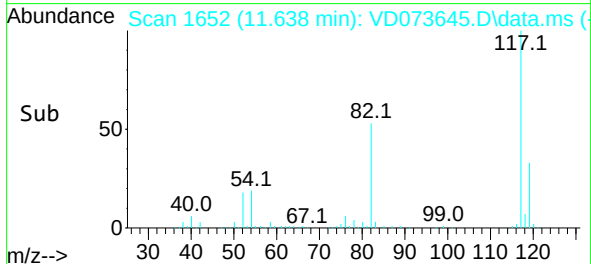
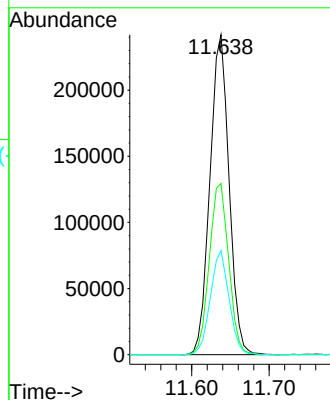
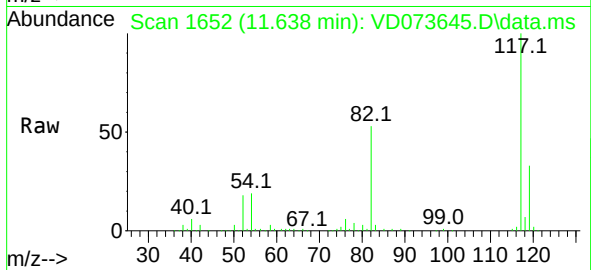




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073645.D
Acq: 21 Jun 2022 14:24

Instrument :
MSVOA_D
ClientSampleId :
TR-04-062122

Tgt Ion:117 Resp: 414183
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.5 24.5 36.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073645.D
Acq: 21 Jun 2022 14:24

Tgt Ion:152 Resp: 183195
Ion Ratio Lower Upper
152 100
115 60.0 29.6 88.9
150 158.3 0.0 351.2

