

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073538.D
 Acq On : 13 Jun 2022 11:06
 Operator : VA/SY
 Sample : VD0613SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBL01

Quant Time: Jun 13 15:30:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	219416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	412876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	492662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	245787	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	121209	51.477	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.960%
35) Dibromofluoromethane	7.908	113	137257	51.698	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.400%
50) Toluene-d8	10.332	98	512787	51.084	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.160%
62) 4-Bromofluorobenzene	12.620	95	223240	61.261	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.520%

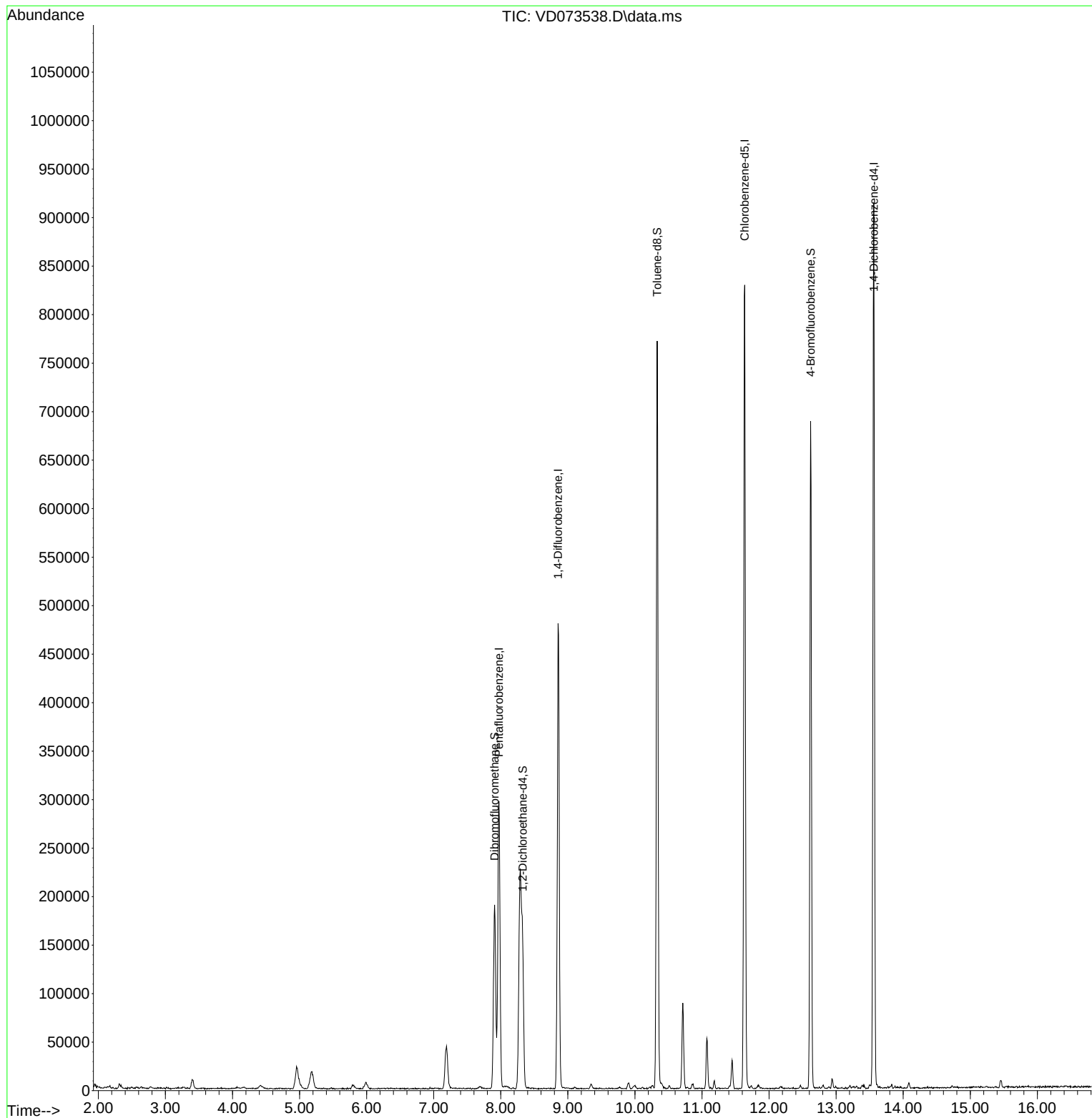
Target Compounds	Qvalue

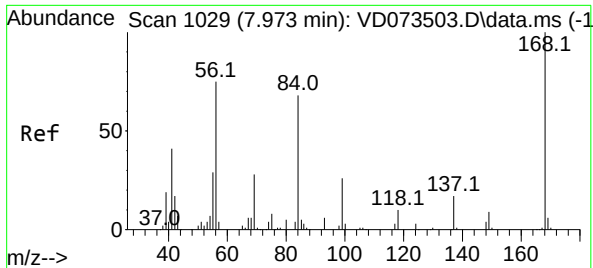
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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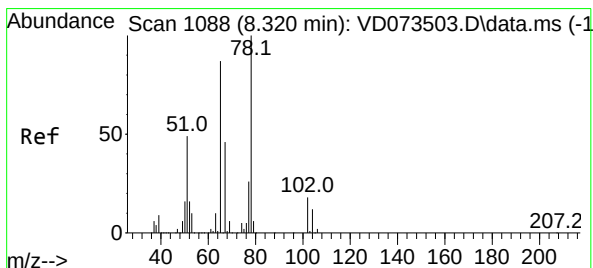
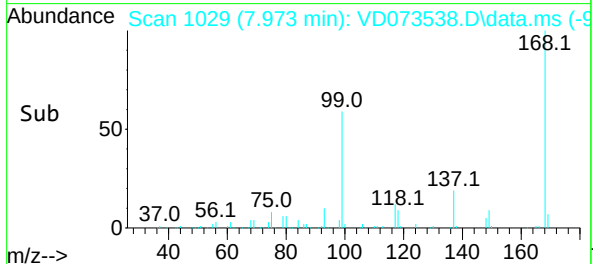
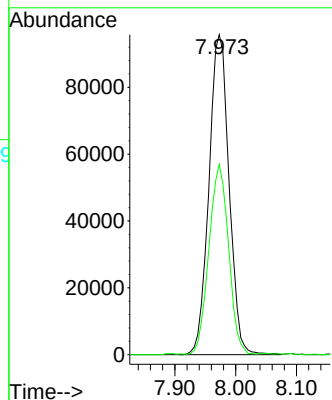
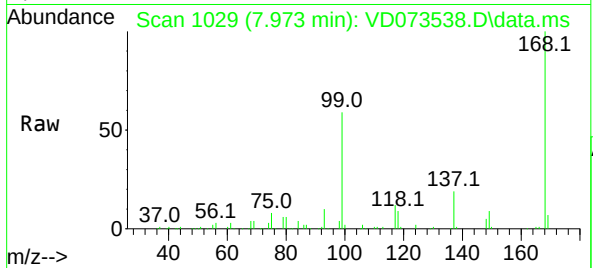




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

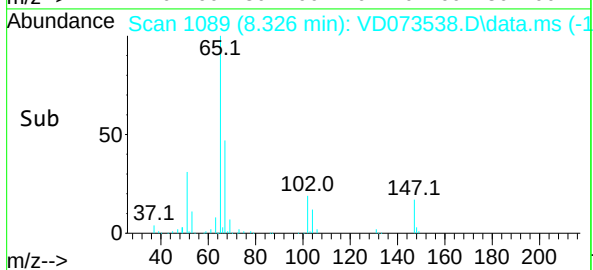
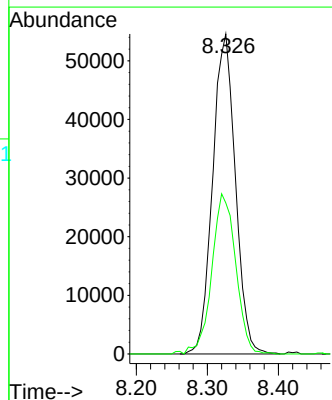
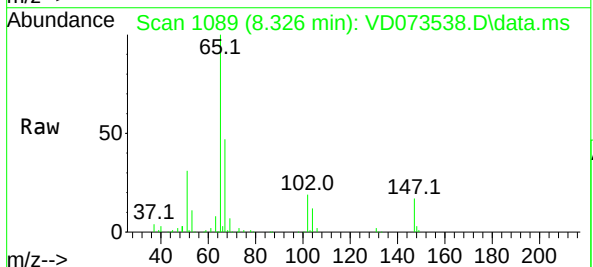
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBL01

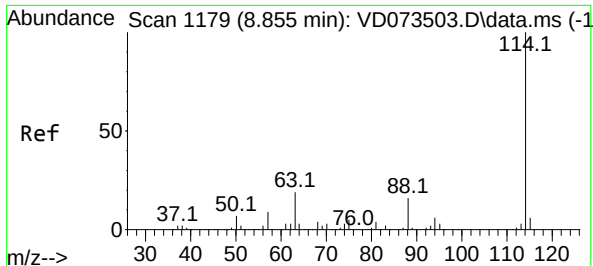
Tgt Ion:168 Resp: 219416
Ion Ratio Lower Upper
168 100
99 59.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.477 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

Tgt Ion: 65 Resp: 121209
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073538.D

Acq: 13 Jun 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBL01

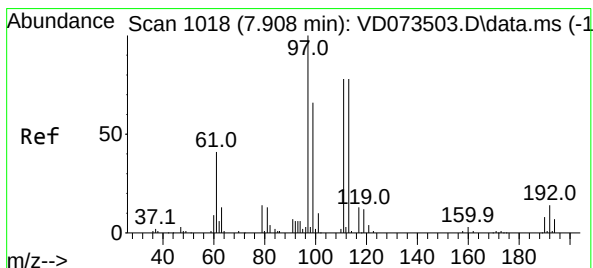
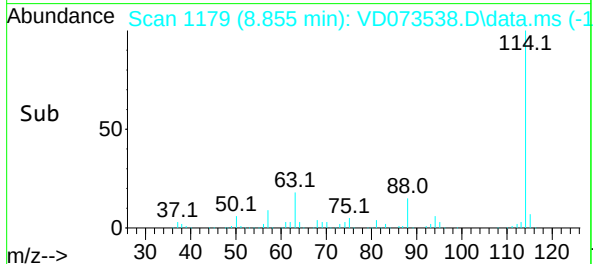
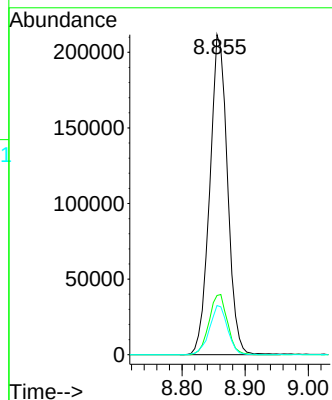
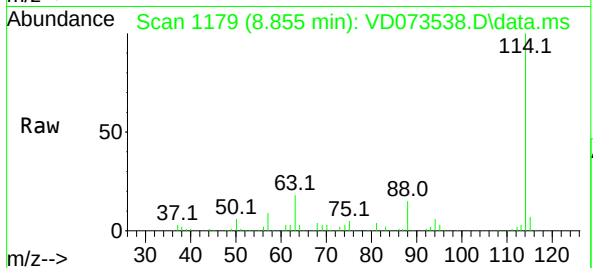
Tgt Ion:114 Resp: 412876

Ion Ratio Lower Upper

114 100

63 18.5 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.698 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073538.D

Acq: 13 Jun 2022 11:06

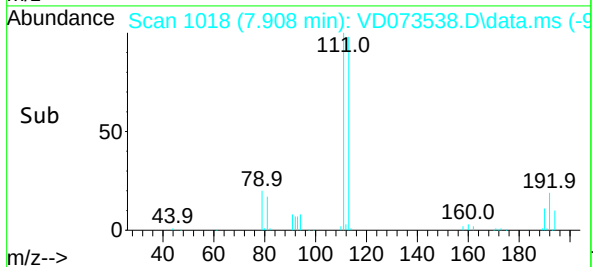
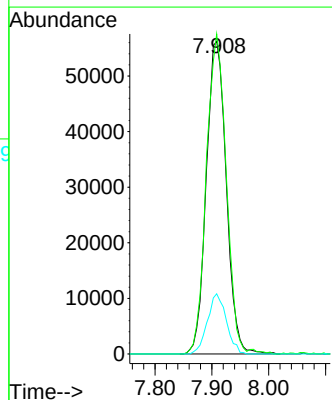
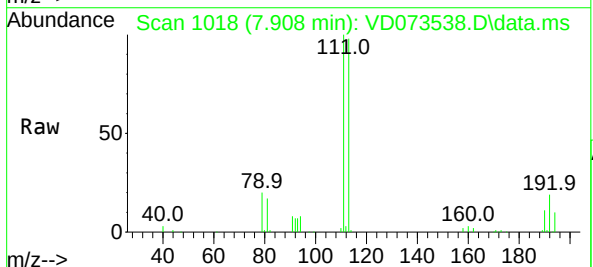
Tgt Ion:113 Resp: 137257

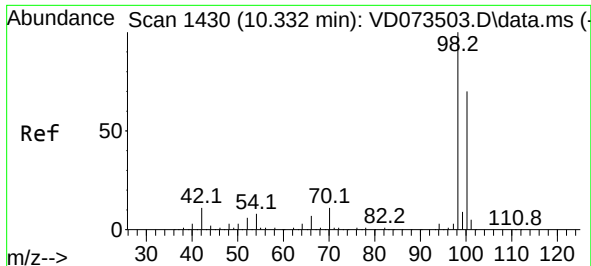
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 18.2 14.6 21.8

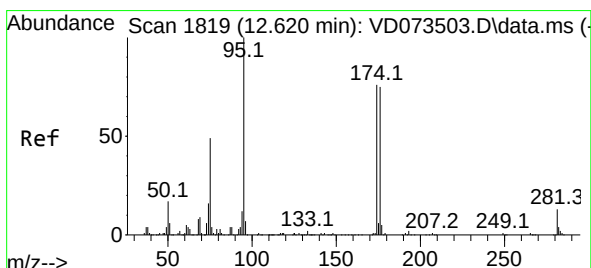
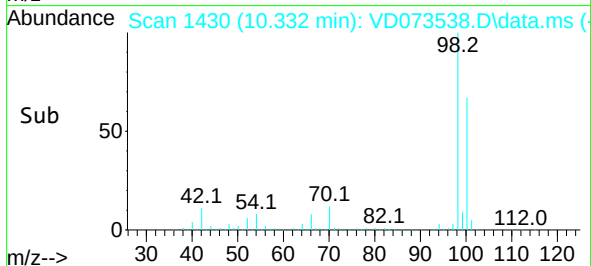
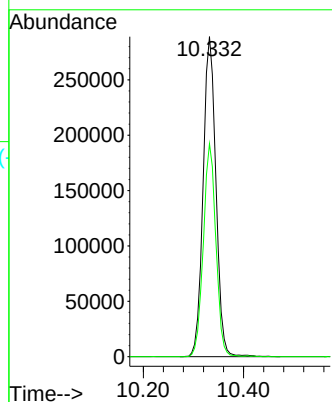
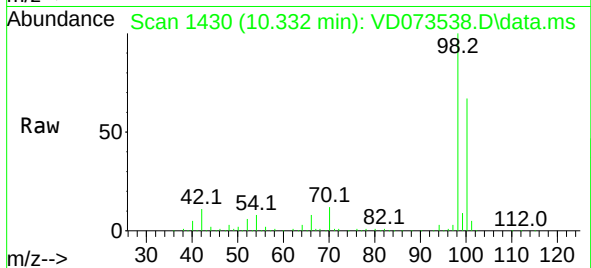




#50
Toluene-d8
Concen: 51.084 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

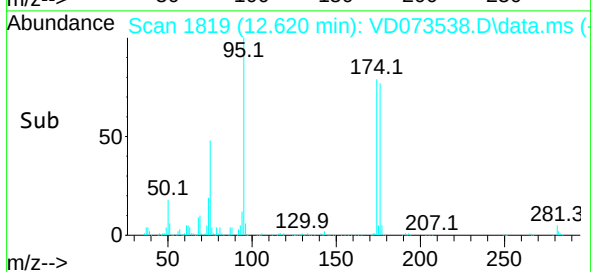
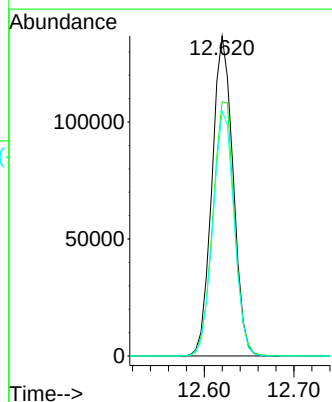
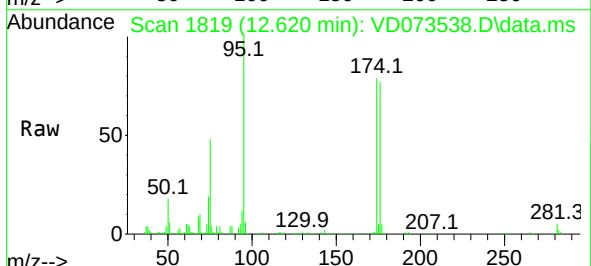
Instrument :
MSVOA_D
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VD0613SBL01

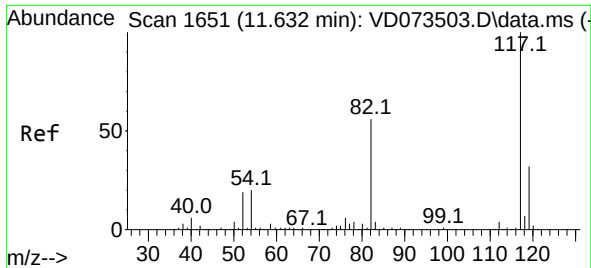
Tgt Ion: 98 Resp: 512787
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 61.261 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

Tgt Ion: 95 Resp: 223240
Ion Ratio Lower Upper
95 100
174 81.5 0.0 152.8
176 77.1 0.0 145.4

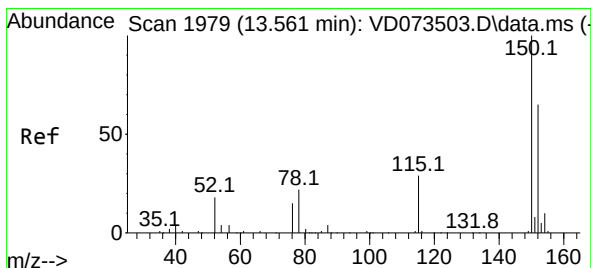
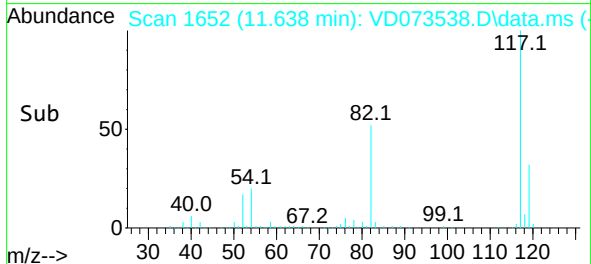
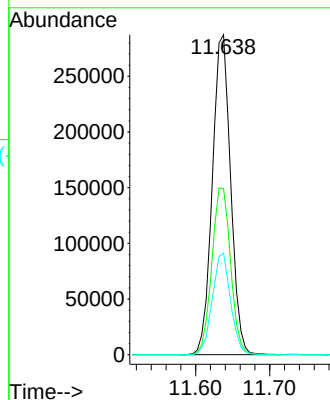
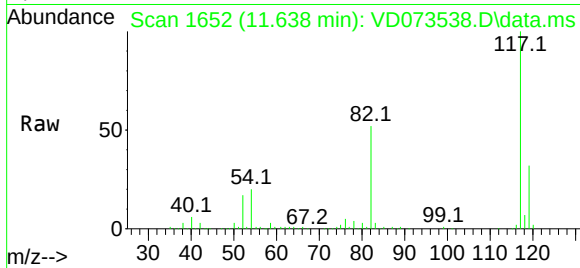




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :
VD0613SBL01

Tgt Ion:117 Resp: 492662
Ion Ratio Lower Upper
117 100
82 51.8 45.3 67.9
119 31.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073538.D
Acq: 13 Jun 2022 11:06

Tgt Ion:152 Resp: 245787
Ion Ratio Lower Upper
152 100
115 58.8 31.3 93.8
150 154.8 0.0 348.6

