

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073702.D
 Acq On : 25 Jun 2022 11:36
 Operator : VA/SY
 Sample : VD0625SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBL01

Quant Time: Jun 27 09:34:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	240118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	467890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	452271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	199327	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	158873	53.870	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.740%
35) Dibromofluoromethane	7.909	113	158272	43.423	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.840%
50) Toluene-d8	10.332	98	561508	42.906	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.820%
62) 4-Bromofluorobenzene	12.620	95	187258	38.150	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.300%

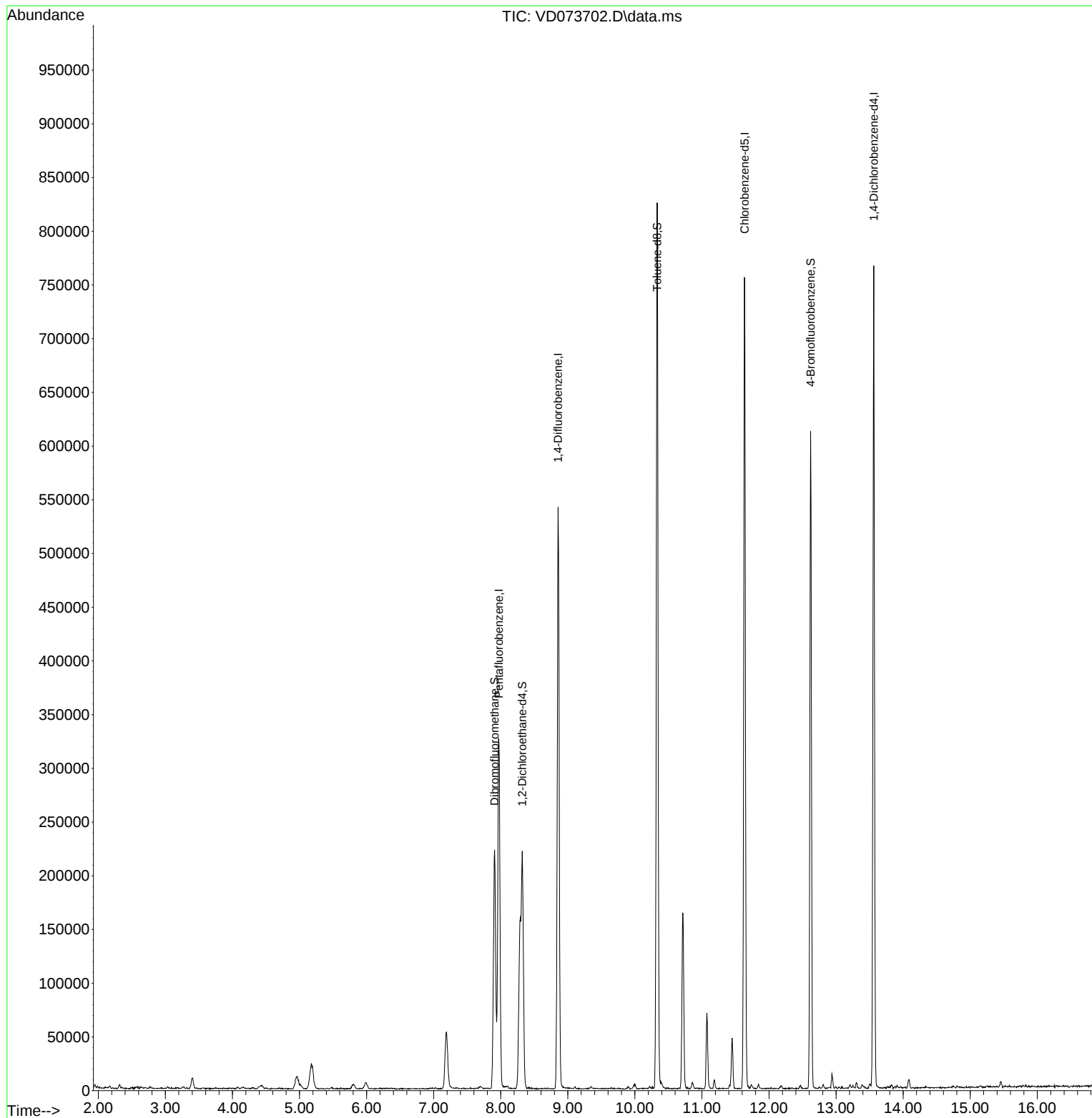
Target Compounds	Qvalue

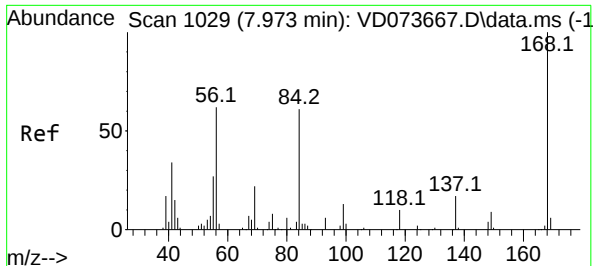
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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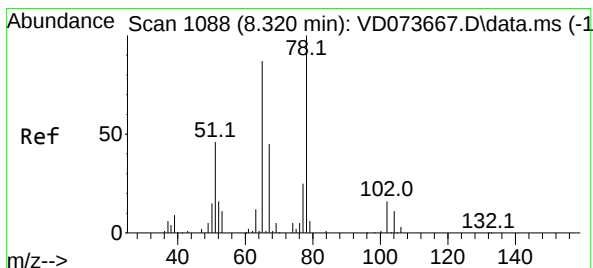
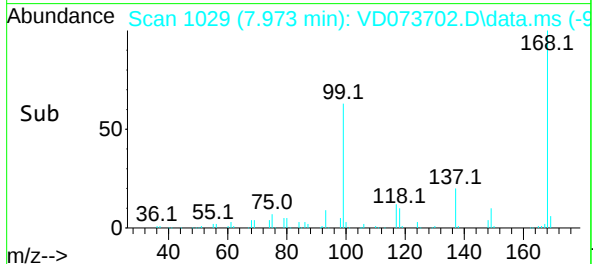
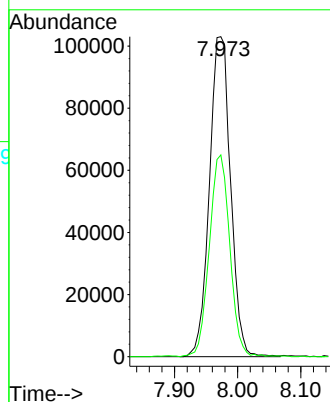
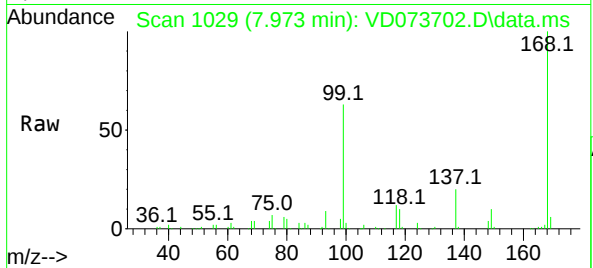




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

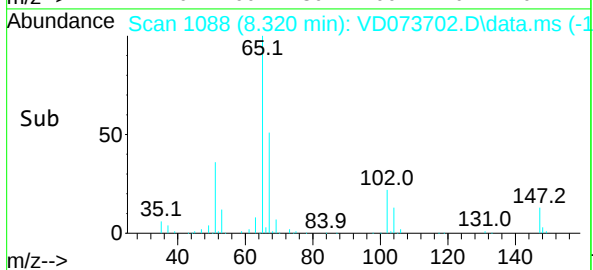
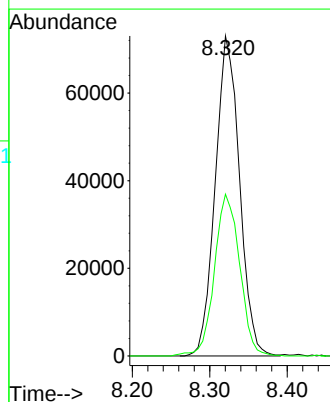
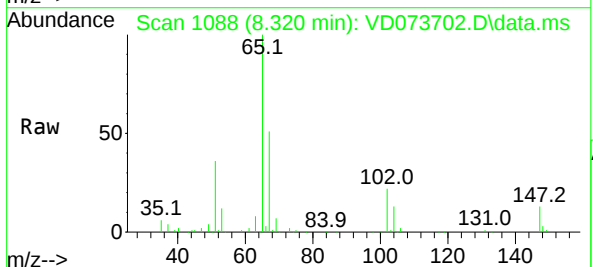
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBL01

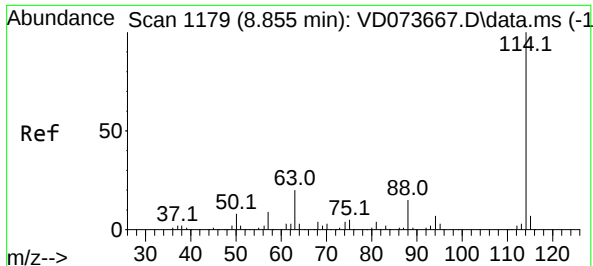
Tgt Ion:168 Resp: 240118
Ion Ratio Lower Upper
168 100
99 63.1 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 53.870 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

Tgt Ion: 65 Resp: 158873
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073702.D

Acq: 25 Jun 2022 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBL01

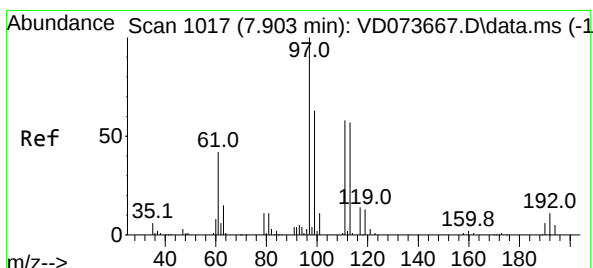
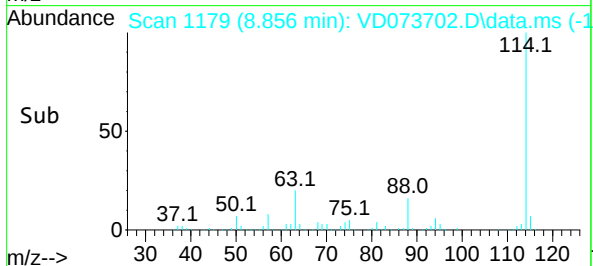
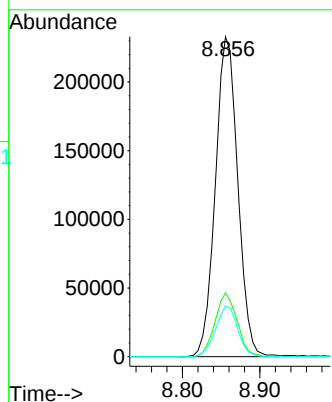
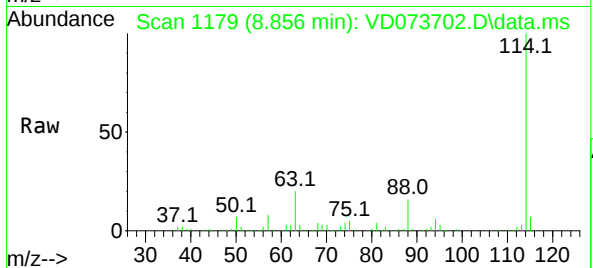
Tgt Ion:114 Resp: 467890

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

88 15.9 0.0 29.4



#35

Dibromofluoromethane

Concen: 43.423 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD073702.D

Acq: 25 Jun 2022 11:36

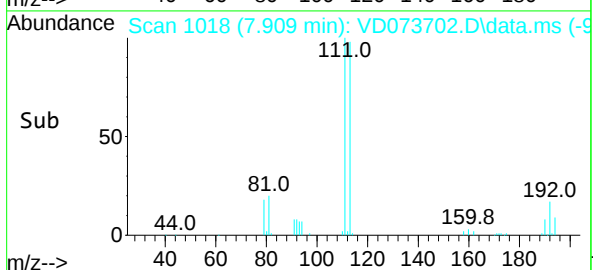
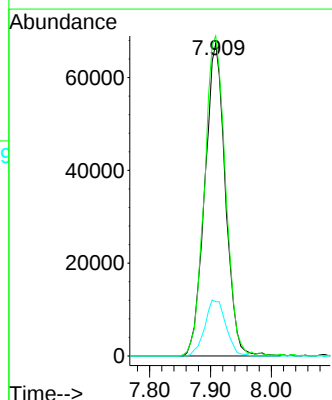
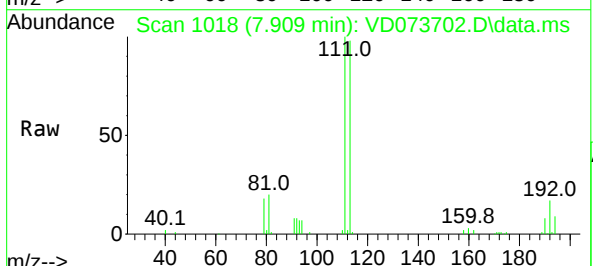
Tgt Ion:113 Resp: 158272

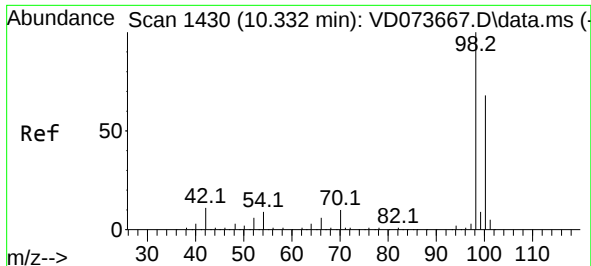
Ion Ratio Lower Upper

113 100

111 104.6 81.8 122.6

192 18.3 14.8 22.2

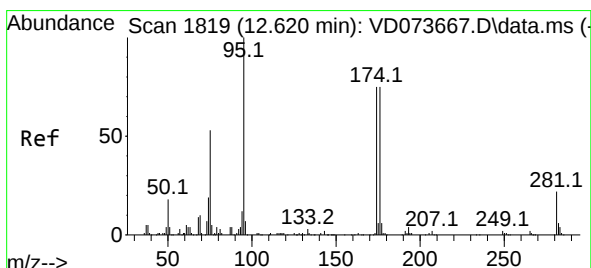
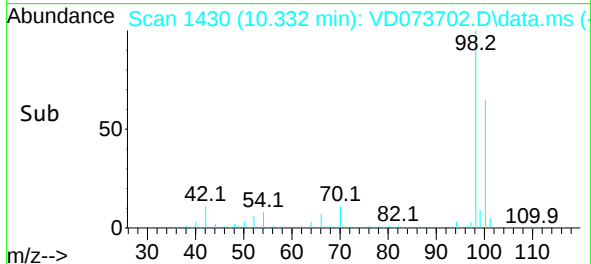
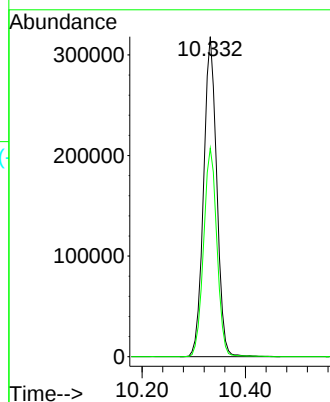
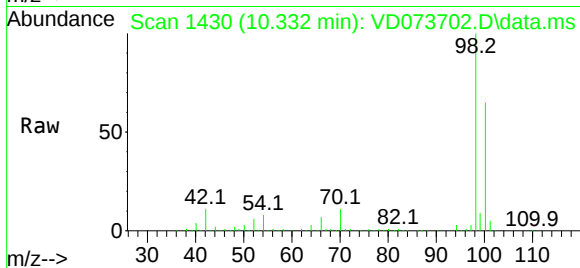




#50
Toluene-d8
Concen: 42.906 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

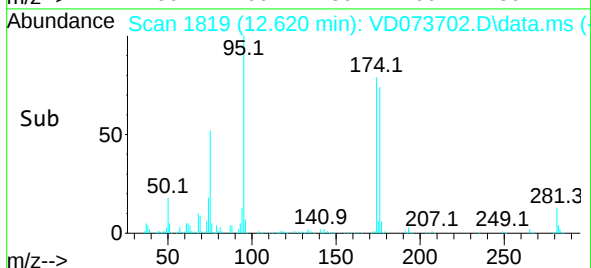
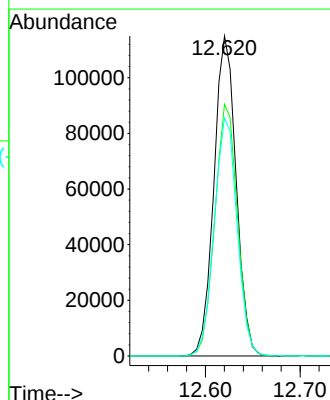
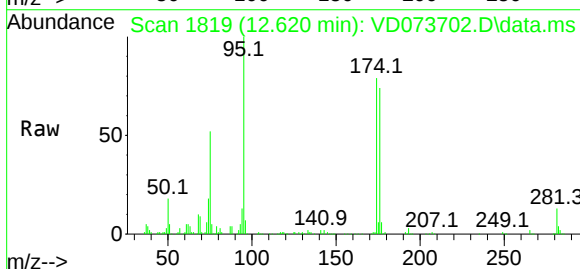
Instrument :
MSVOA_D
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VD0625SBL01

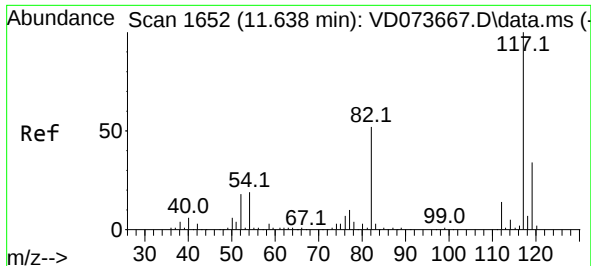
Tgt Ion: 98 Resp: 561508
Ion Ratio Lower Upper
98 100
100 66.1 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 38.150 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

Tgt Ion: 95 Resp: 187258
Ion Ratio Lower Upper
95 100
174 80.3 0.0 158.4
176 76.7 0.0 154.8

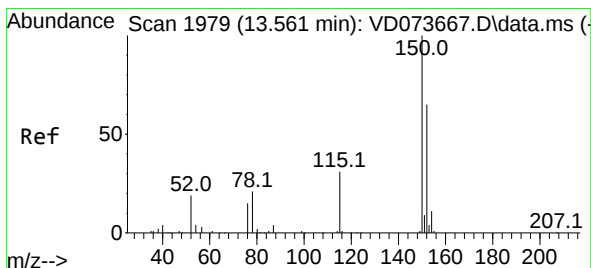
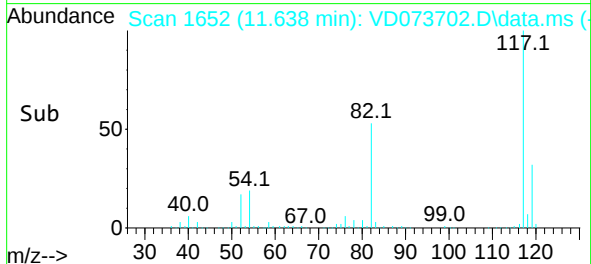
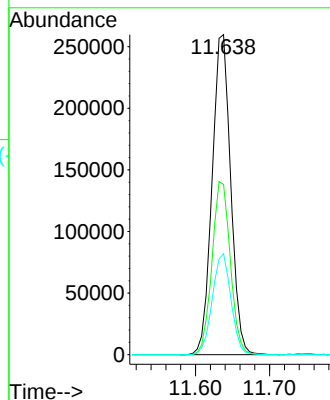
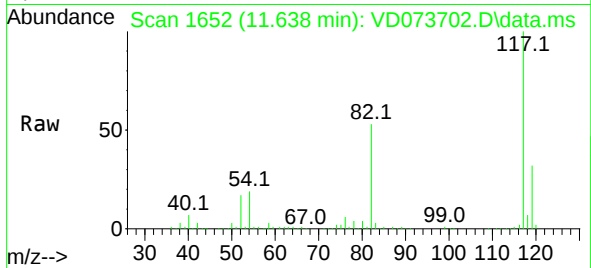




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBL01

Tgt Ion:117 Resp: 452271
Ion Ratio Lower Upper
117 100
82 53.2 41.5 62.3
119 31.6 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

Tgt Ion:152 Resp: 199327
Ion Ratio Lower Upper
152 100
115 60.6 30.6 91.6
150 157.3 0.0 355.0

