

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073550.D
 Acq On : 13 Jun 2022 17:11
 Operator : VA/SY
 Sample : N3302-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 I-1

Quant Time: Jun 14 01:29:01 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	192258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	360913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	440106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	223201	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	106053	51.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.800%
35) Dibromofluoromethane	7.909	113	121684	52.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.860%
50) Toluene-d8	10.332	98	466094	53.118	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.240%
62) 4-Bromofluorobenzene	12.620	95	207591	65.168	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	130.340%

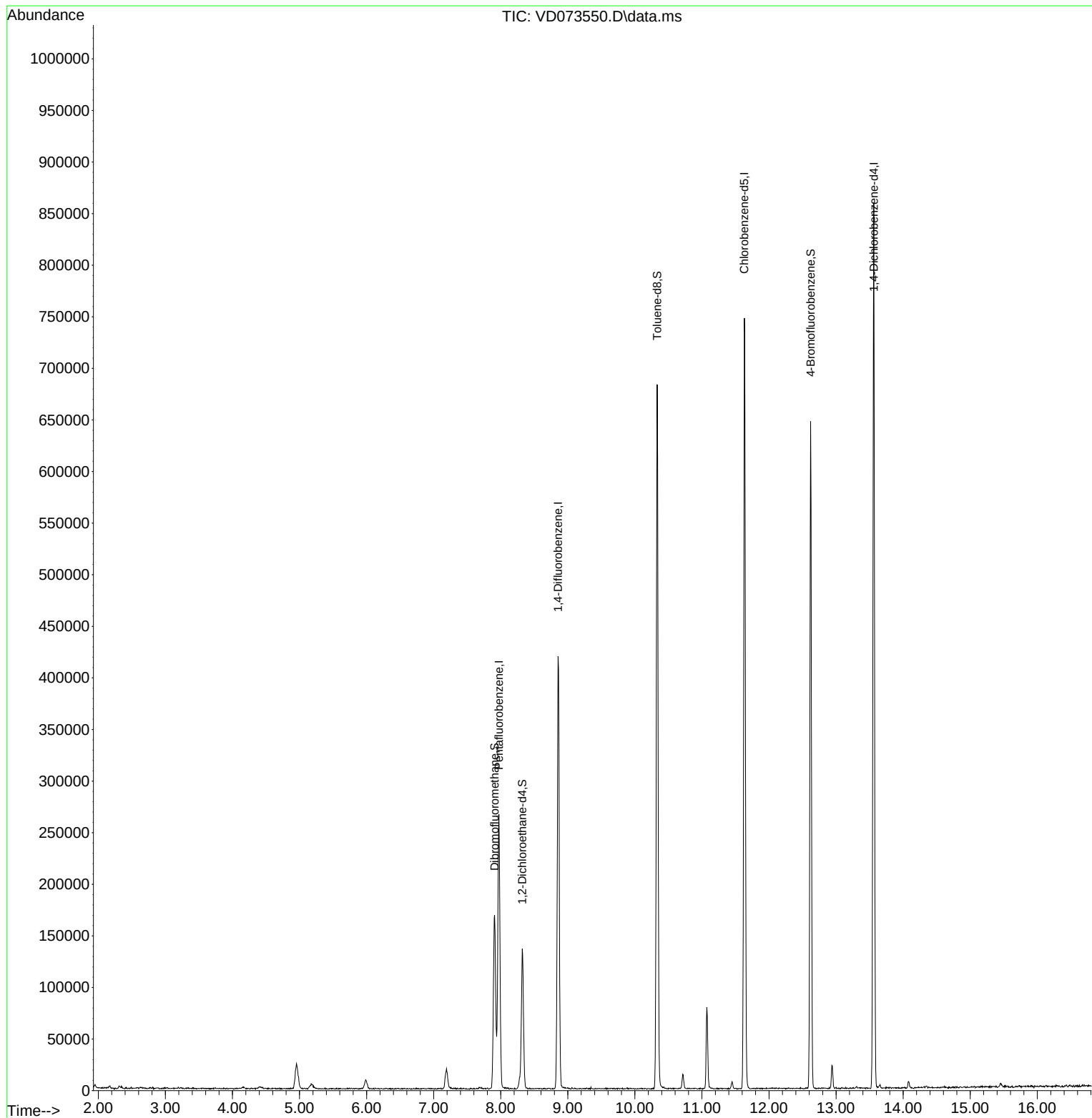
Target Compounds	Qvalue

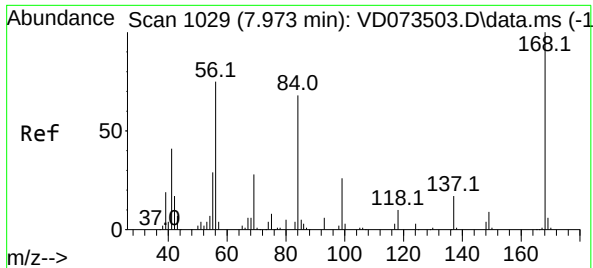
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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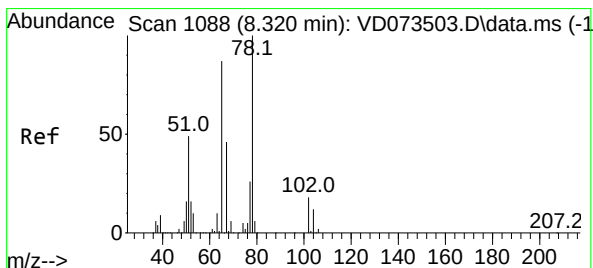
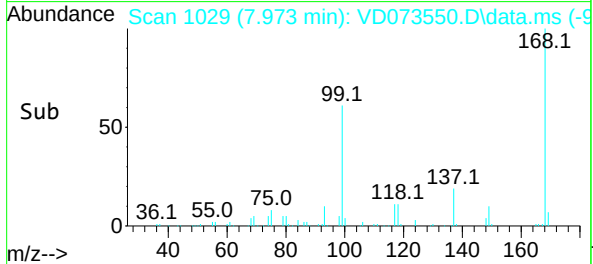
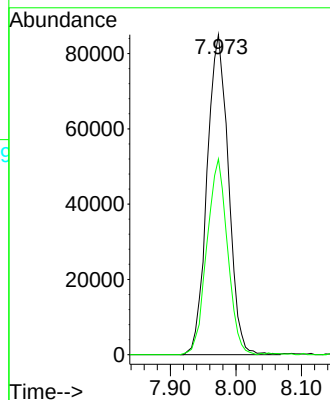
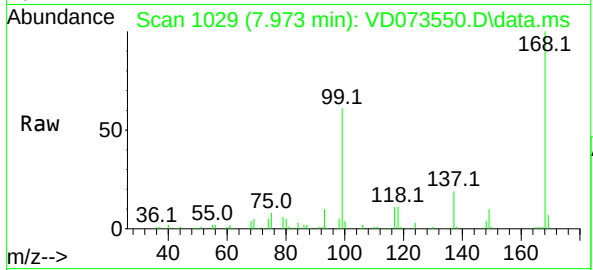




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073550.D
Acq: 13 Jun 2022 17:11

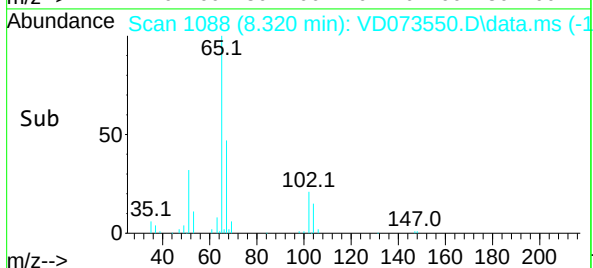
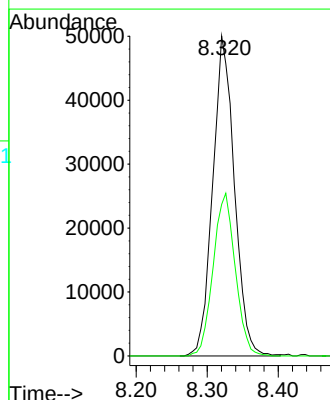
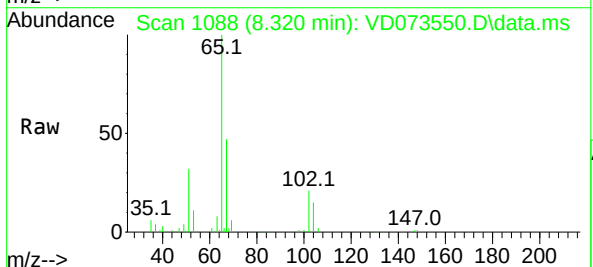
Instrument :
MSVOA_D
ClientSampleId :
I-1

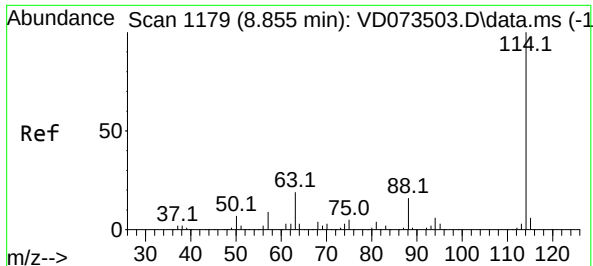
Tgt Ion:168 Resp: 192258
Ion Ratio Lower Upper
168 100
99 61.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.403 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073550.D
Acq: 13 Jun 2022 17:11

Tgt Ion: 65 Resp: 106053
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073550.D

Acq: 13 Jun 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

I-1

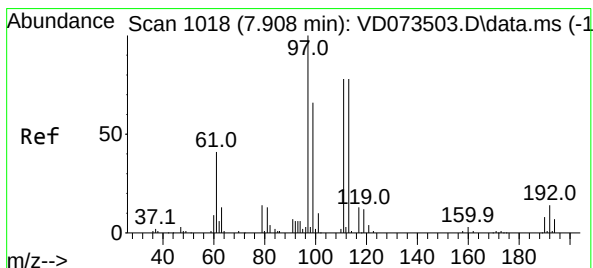
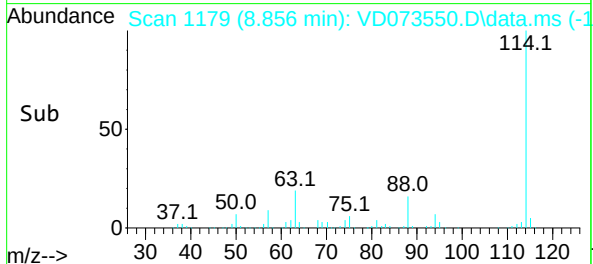
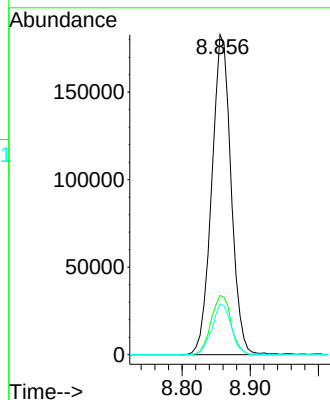
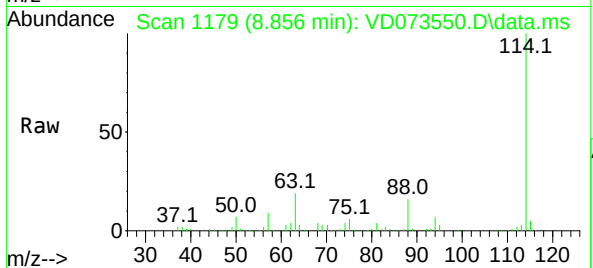
Tgt Ion:114 Resp: 360913

Ion Ratio Lower Upper

114 100

63 18.5 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.432 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD073550.D

Acq: 13 Jun 2022 17:11

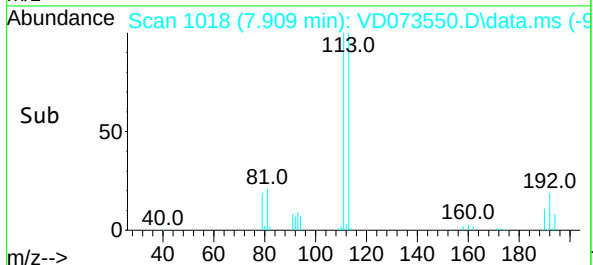
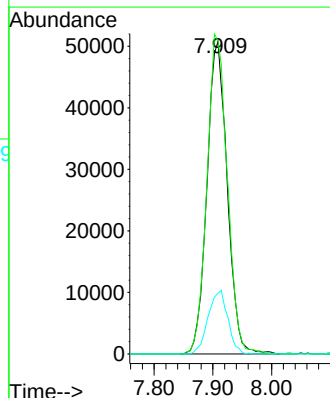
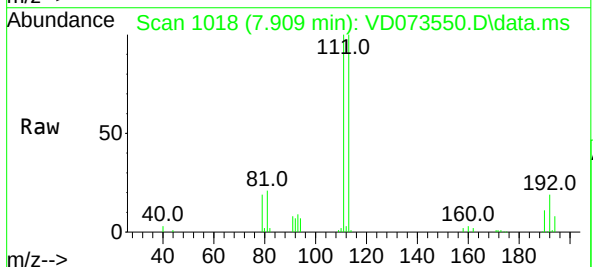
Tgt Ion:113 Resp: 121684

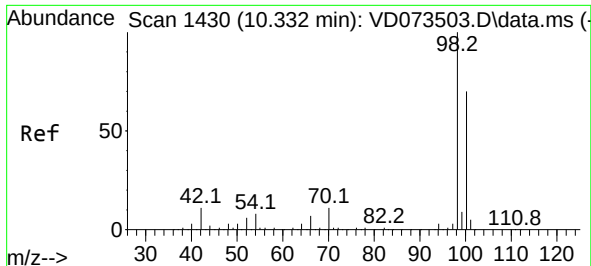
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 19.7 14.6 21.8

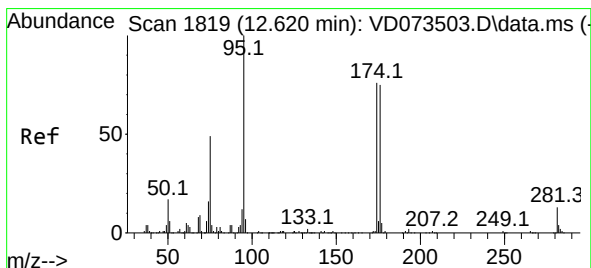
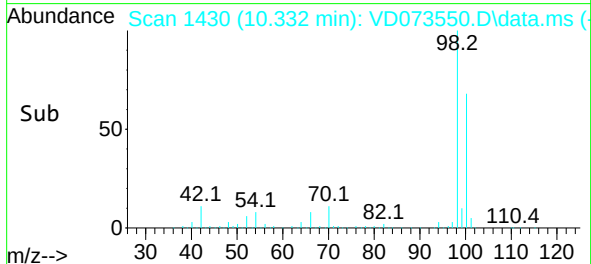
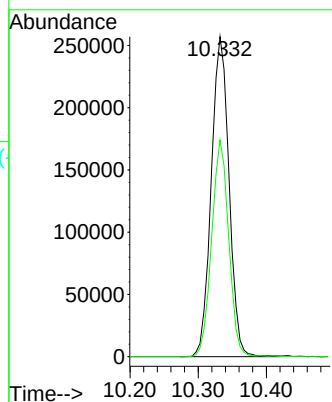
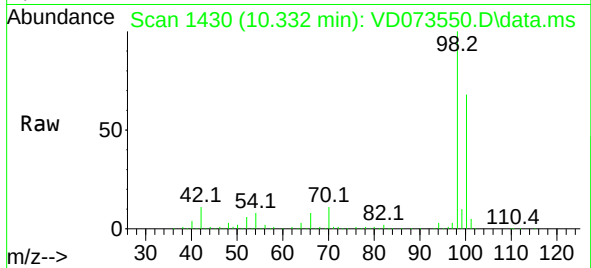




#50
Toluene-d8
Concen: 53.118 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073550.D
Acq: 13 Jun 2022 17:11

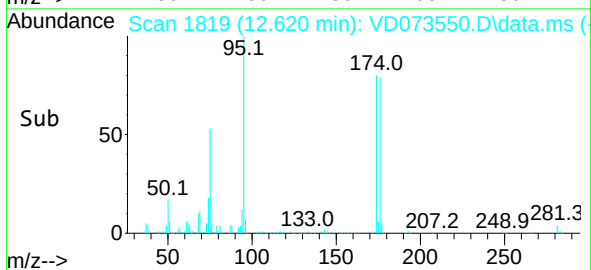
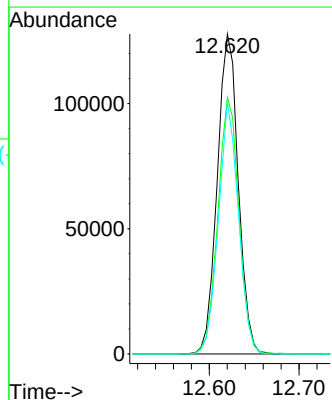
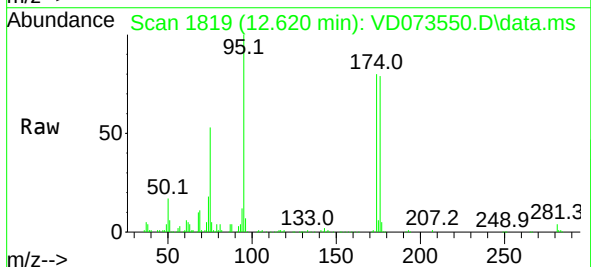
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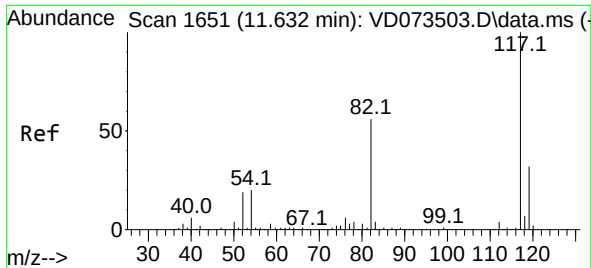
Tgt Ion: 98 Resp: 466094
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 65.168 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073550.D
Acq: 13 Jun 2022 17:11

Tgt Ion: 95 Resp: 207591
Ion Ratio Lower Upper
95 100
174 80.4 0.0 152.8
176 74.9 0.0 145.4

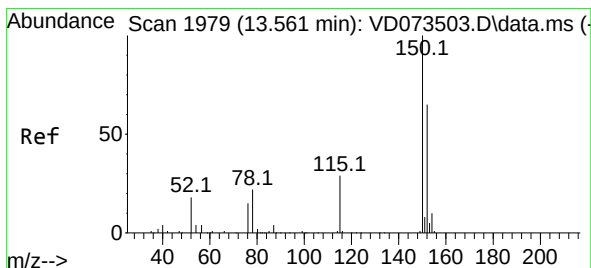
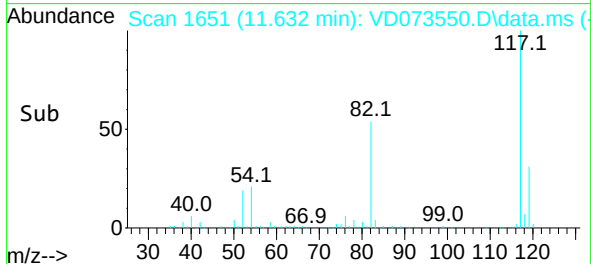
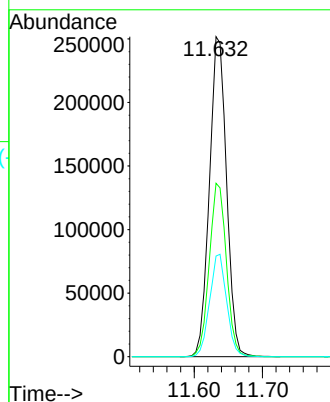
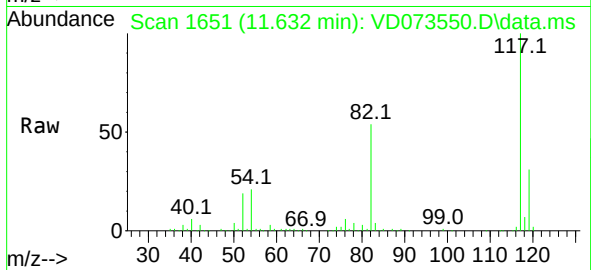




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073550.D
Acq: 13 Jun 2022 17:11

Instrument :
MSVOA_D
ClientSampleId :
I-1

Tgt Ion:117 Resp: 440106
Ion Ratio Lower Upper
117 100
82 54.2 45.3 67.9
119 31.4 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: VD073550.D
Acq: 13 Jun 2022 17:11

Tgt Ion:152 Resp: 223201
Ion Ratio Lower Upper
152 100
115 61.2 31.3 93.8
150 158.9 0.0 348.6

