

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072122\
 Data File : VD073896.D
 Acq On : 21 Jul 2022 14:59
 Operator : VA/SY
 Sample : N3814-01
 Misc : 5.63G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ENV-DE-4(0-5)

Quant Time: Jul 22 01:19:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	125159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	239616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	222219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	84030	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	79634	53.283	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.560%
35) Dibromofluoromethane	7.902	113	84946	50.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.500%
50) Toluene-d8	10.332	98	292724	47.701	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.400%
62) 4-Bromofluorobenzene	12.620	95	93159	44.153	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.300%

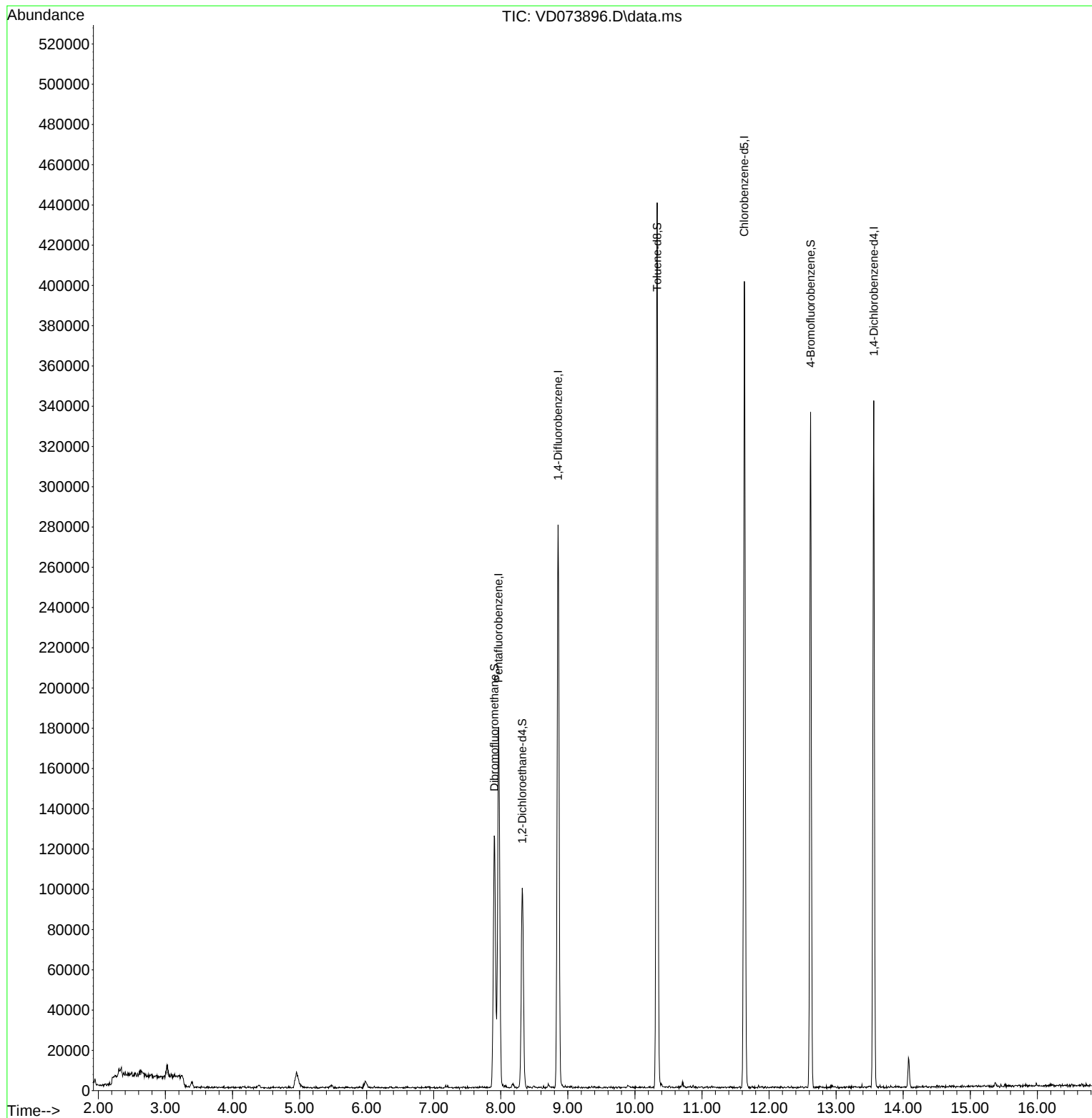
Target Compounds	Qvalue

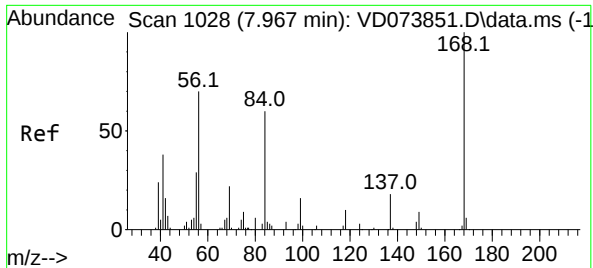
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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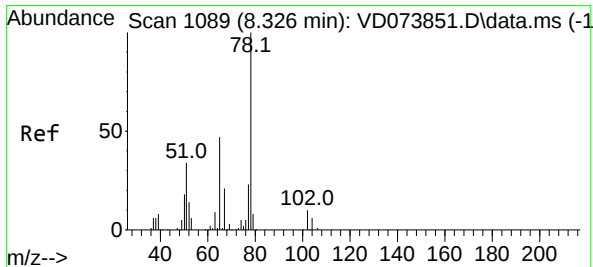
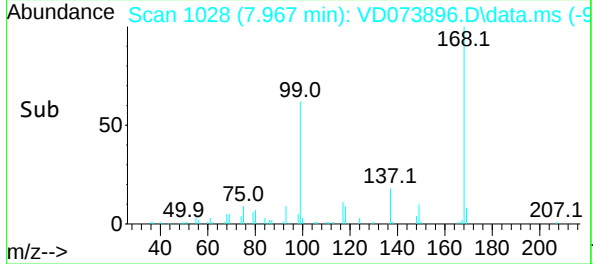
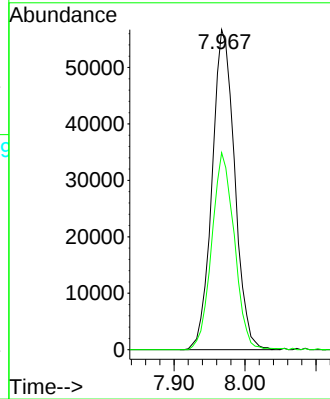
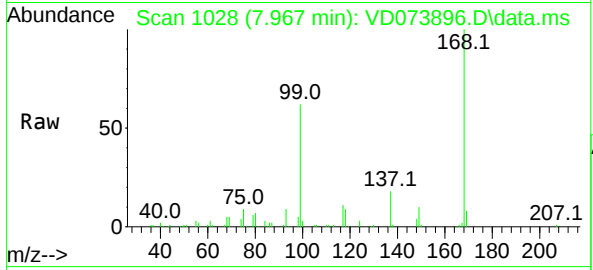




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073896.D
Acq: 21 Jul 2022 14:59

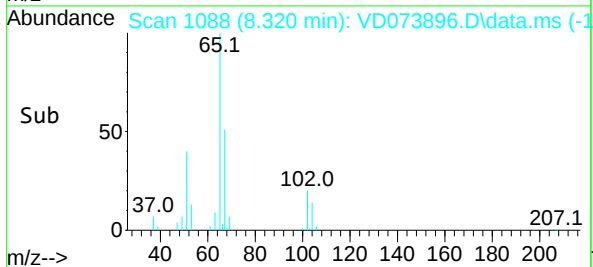
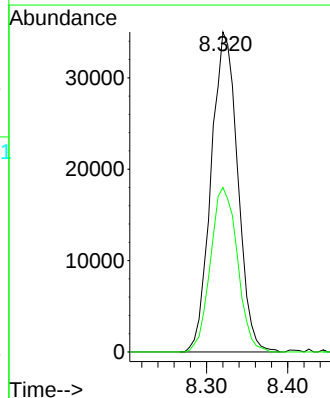
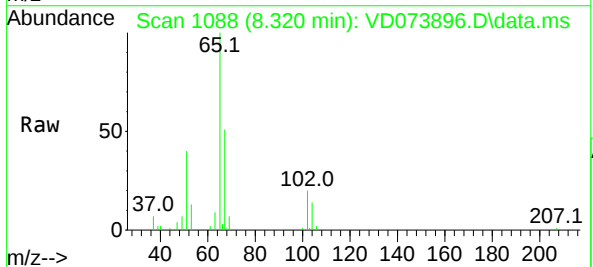
Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-4(0-5)

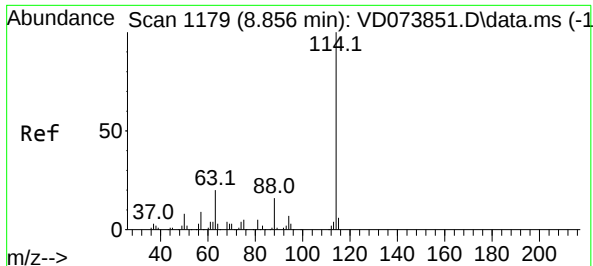
Tgt Ion:168 Resp: 125159
Ion Ratio Lower Upper
168 100
99 61.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 53.283 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073896.D
Acq: 21 Jul 2022 14:59

Tgt Ion: 65 Resp: 79634
Ion Ratio Lower Upper
65 100
67 52.0 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: VD073896.D

Acq: 21 Jul 2022 14:59

Instrument :

MSVOA_D

ClientSampleId :

ENV-DE-4(0-5)

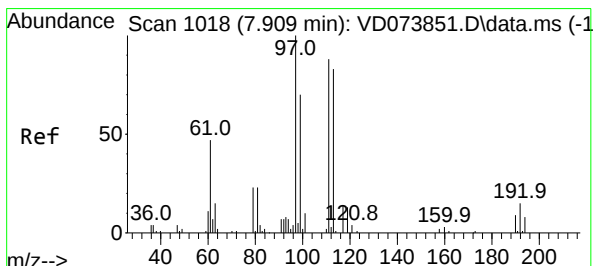
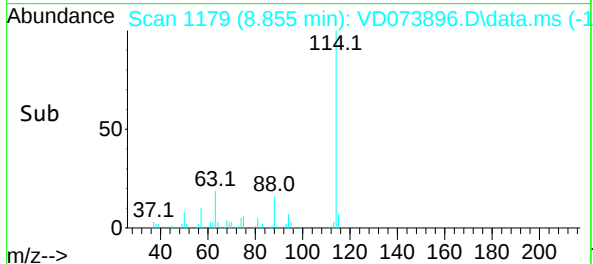
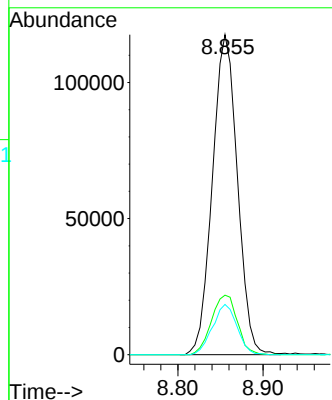
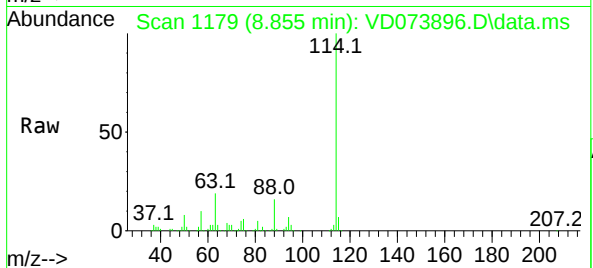
Tgt Ion:114 Resp: 239616

Ion Ratio Lower Upper

114 100

63 18.6 0.0 46.6

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.251 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073896.D

Acq: 21 Jul 2022 14:59

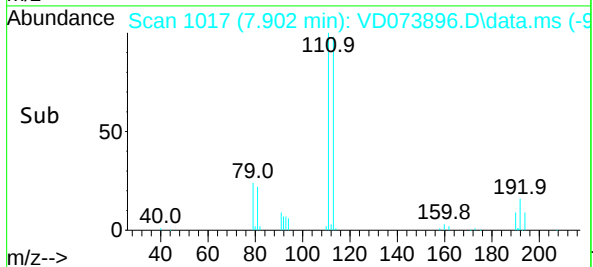
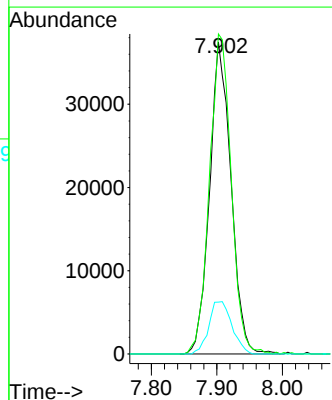
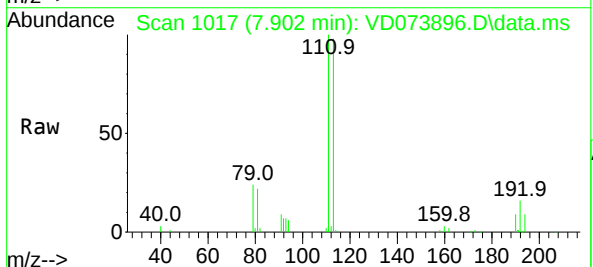
Tgt Ion:113 Resp: 84946

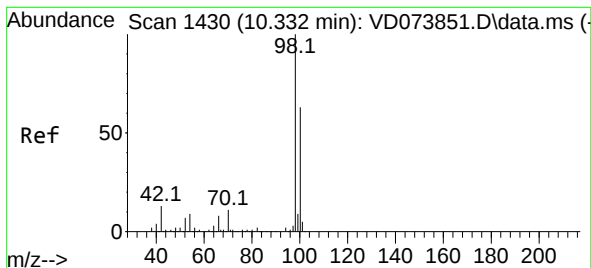
Ion Ratio Lower Upper

113 100

111 103.9 83.8 125.6

192 18.1 14.6 21.8





#50

Toluene-d8

Concen: 47.701 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073896.D

Acq: 21 Jul 2022 14:59

Instrument :

MSVOA_D

ClientSampleId :

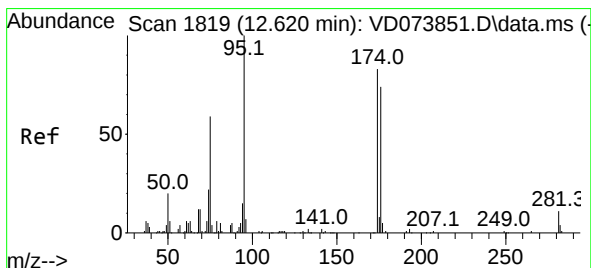
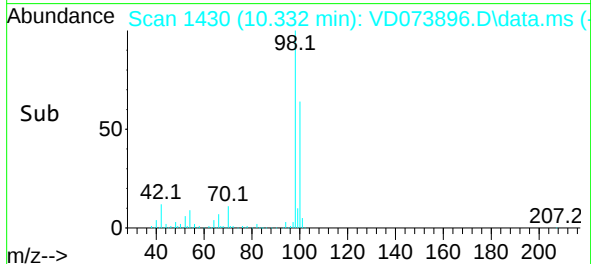
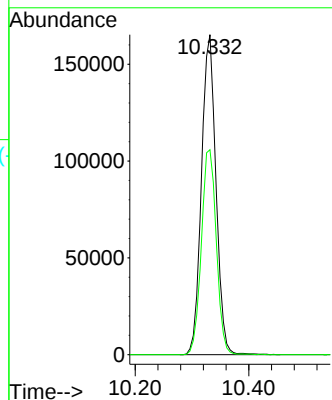
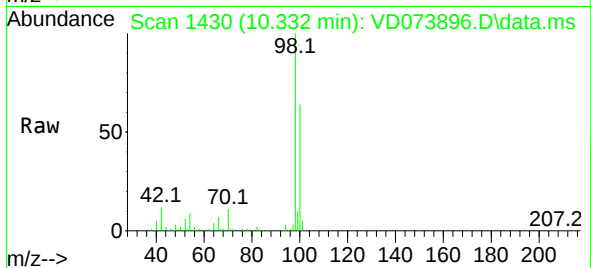
ENV-DE-4(0-5)

Tgt Ion: 98 Resp: 292724

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 44.153 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VD073896.D

Acq: 21 Jul 2022 14:59

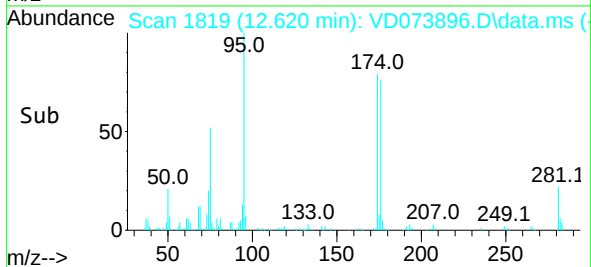
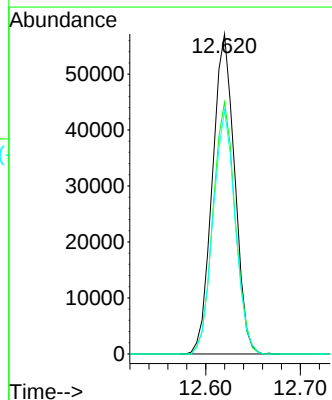
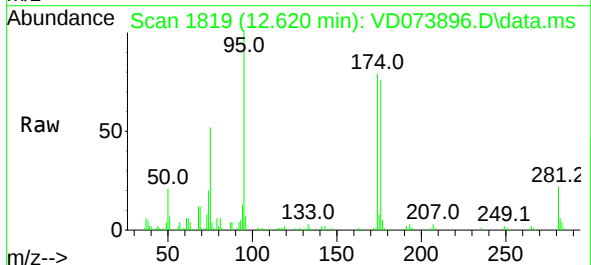
Tgt Ion: 95 Resp: 93159

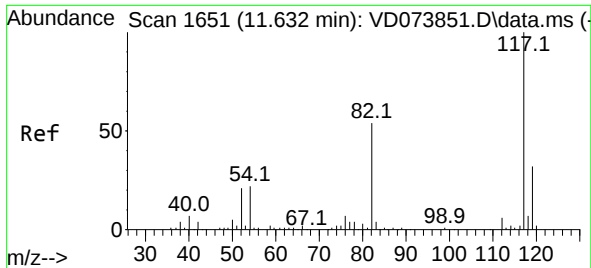
Ion Ratio Lower Upper

95 100

174 78.5 0.0 152.8

176 75.6 0.0 145.4

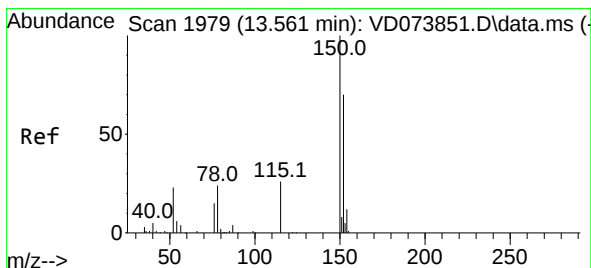
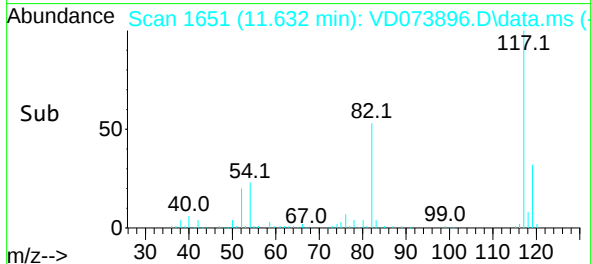
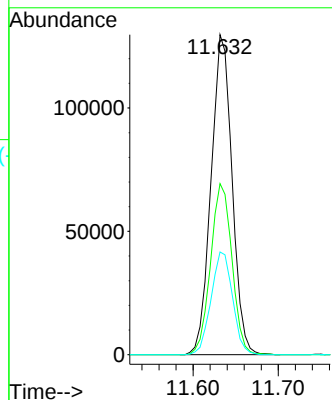
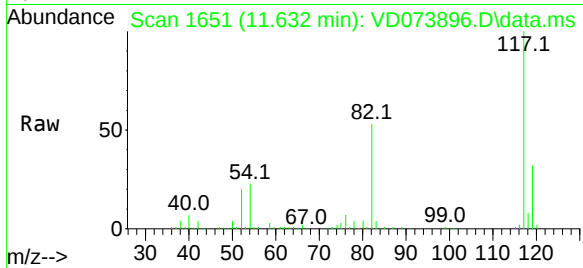




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073896.D
Acq: 21 Jul 2022 14:59

Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-4(0-5)

Tgt Ion:117 Resp: 222219
Ion Ratio Lower Upper
117 100
82 53.4 45.3 67.9
119 32.1 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: VD073896.D
Acq: 21 Jul 2022 14:59

Tgt Ion:152 Resp: 84030
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 157.9 0.0 348.6

