

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072122\
 Data File : VD073902.D
 Acq On : 21 Jul 2022 18:06
 Operator : VA/SY
 Sample : N3814-07
 Misc : 6.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ENV-DE-2(0-5)

Quant Time: Jul 22 01:20:12 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	124577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	228692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	216712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	87040	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	78560	52.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.620%
35) Dibromofluoromethane	7.902	113	81163	50.306	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.620%
50) Toluene-d8	10.332	98	287783	49.136	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.614	95	93827	46.594	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.180%

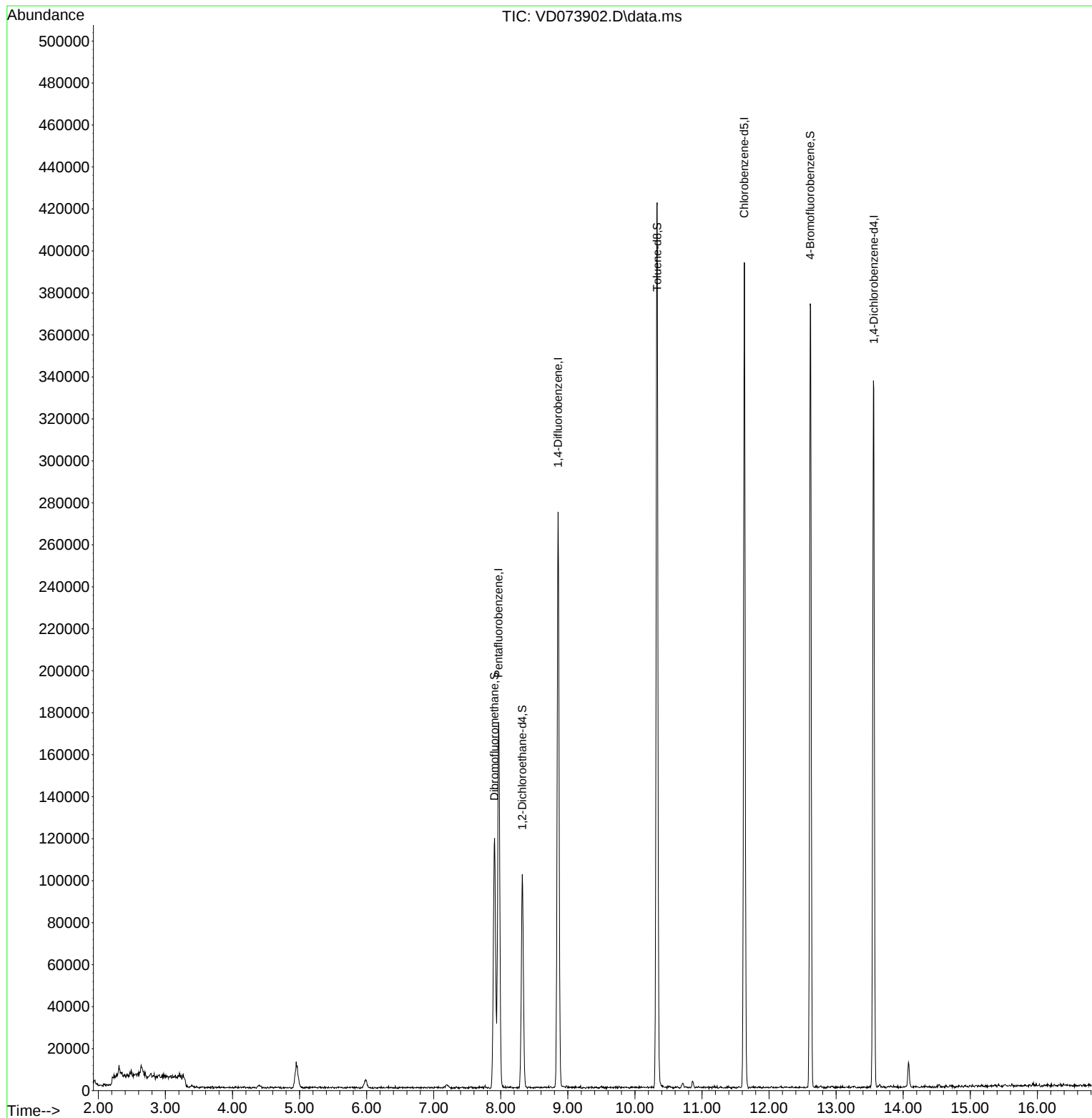
Target Compounds	Qvalue

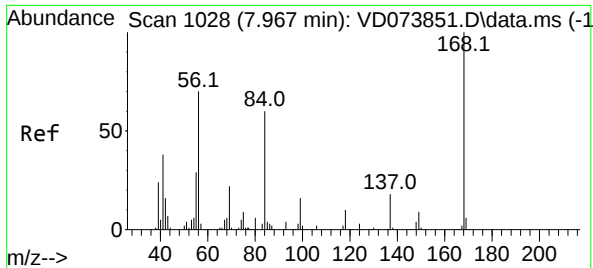
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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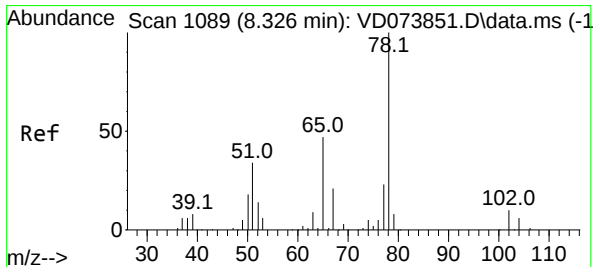
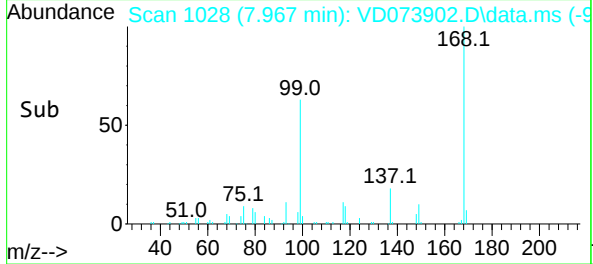
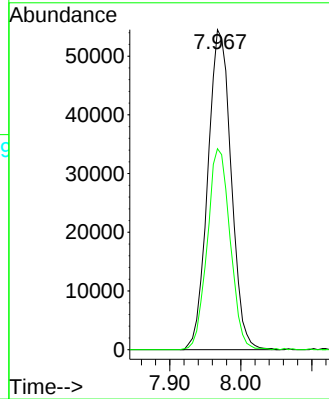
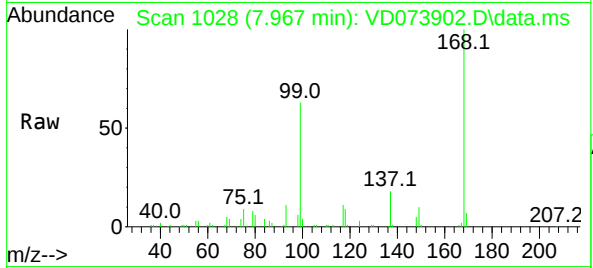




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073902.D
Acq: 21 Jul 2022 18:06

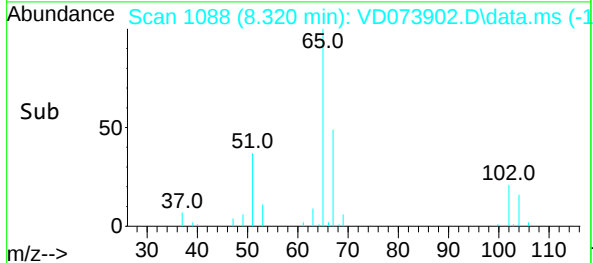
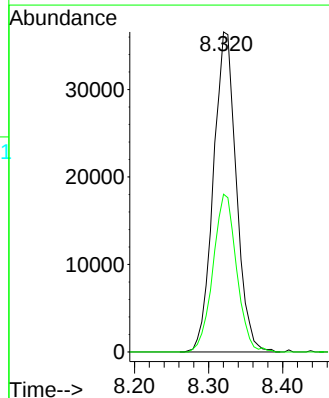
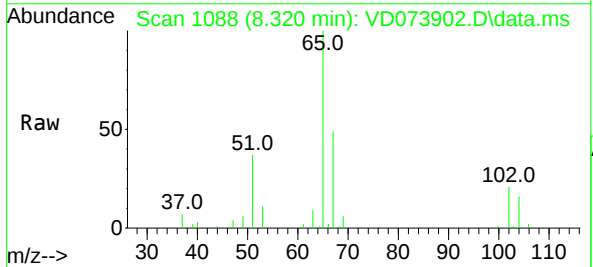
Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-2(0-5)

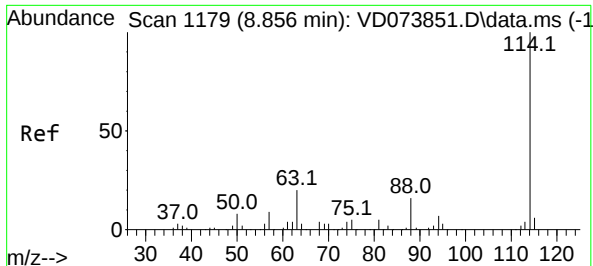
Tgt Ion:168 Resp: 124577
Ion Ratio Lower Upper
168 100
99 62.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 52.810 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073902.D
Acq: 21 Jul 2022 18:06

Tgt Ion: 65 Resp: 78560
Ion Ratio Lower Upper
65 100
67 50.7 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: VD073902.D

Acq: 21 Jul 2022 18:06

Instrument :

MSVOA_D

ClientSampleId :

ENV-DE-2(0-5)

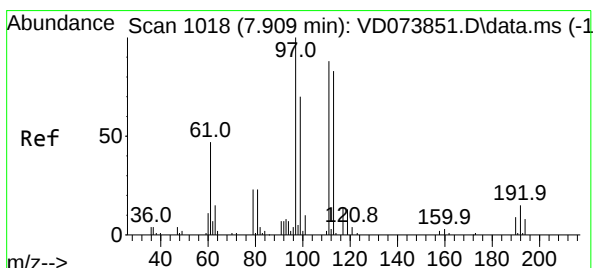
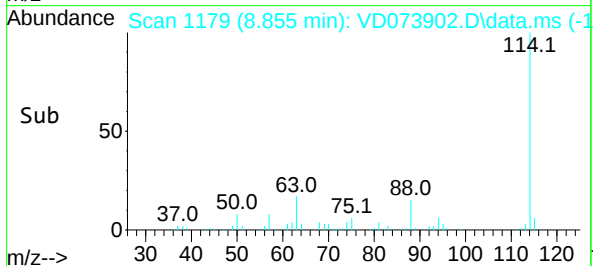
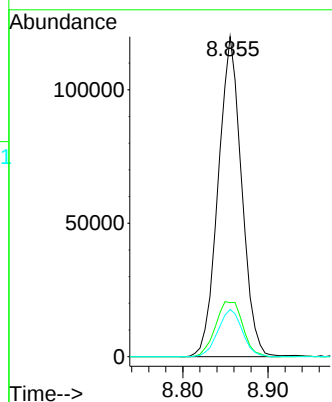
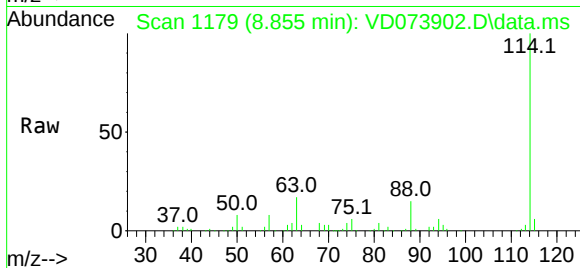
Tgt Ion:114 Resp: 228692

Ion Ratio Lower Upper

114 100

63 16.9 0.0 46.6

88 14.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.306 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073902.D

Acq: 21 Jul 2022 18:06

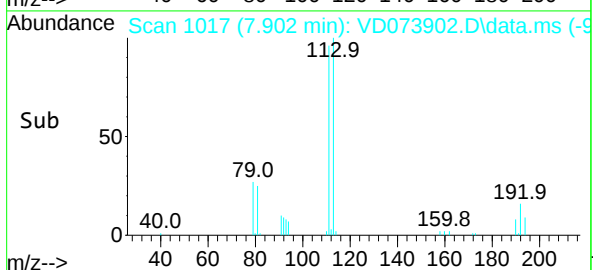
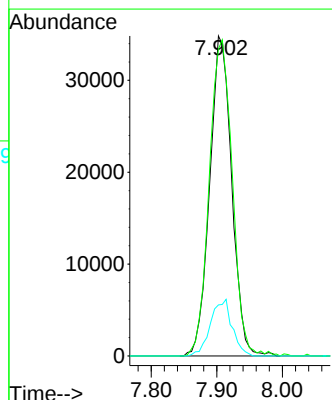
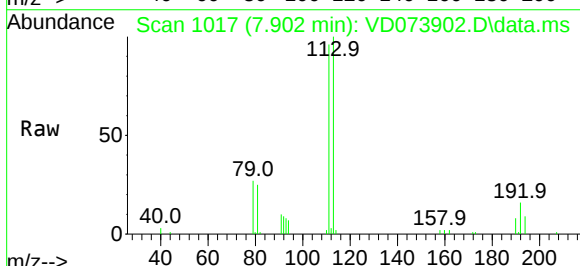
Tgt Ion:113 Resp: 81163

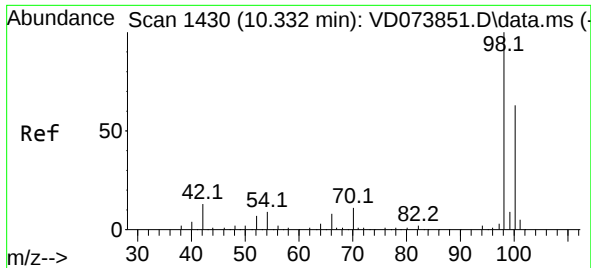
Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 17.4 14.6 21.8

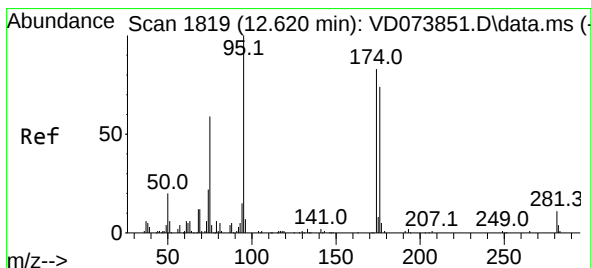
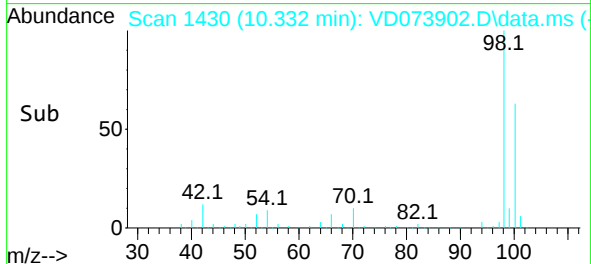
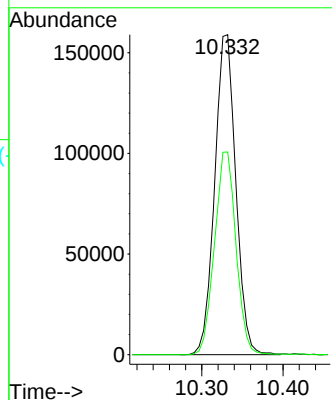
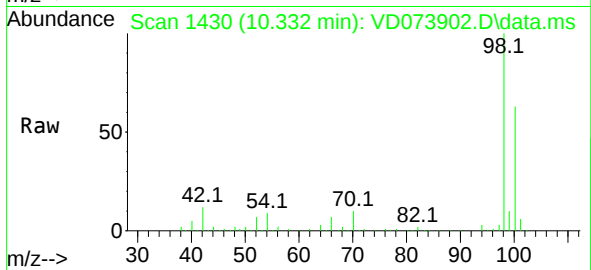




#50
Toluene-d8
Concen: 49.136 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073902.D
Acq: 21 Jul 2022 18:06

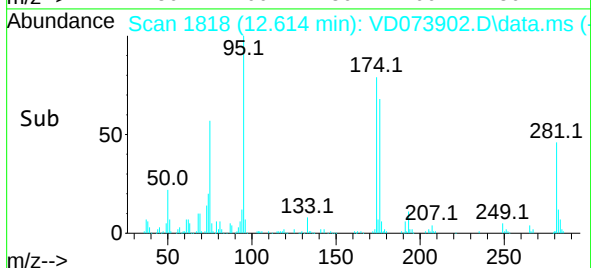
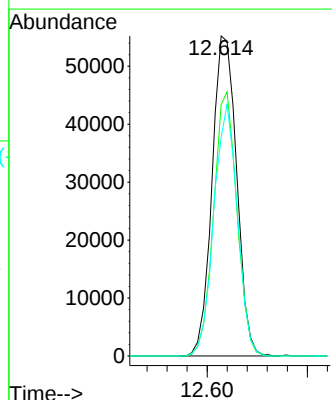
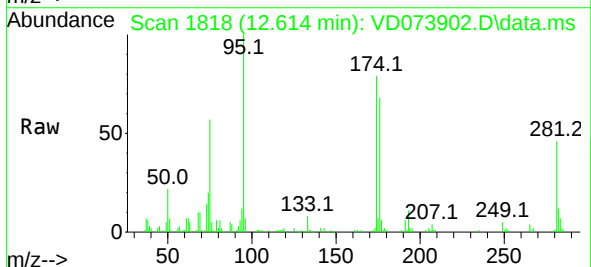
Instrument :
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ENV-DE-2(0-5)

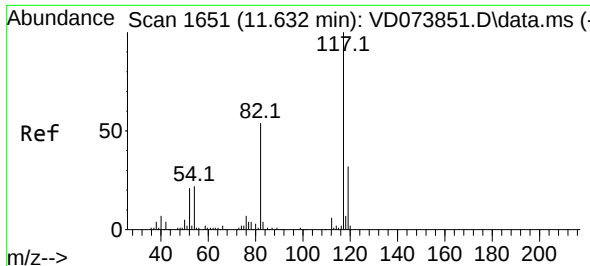
Tgt Ion: 98 Resp: 287783
Ion Ratio Lower Upper
98 100
100 64.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.594 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073902.D
Acq: 21 Jul 2022 18:06

Tgt Ion: 95 Resp: 93827
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 75.4 0.0 145.4

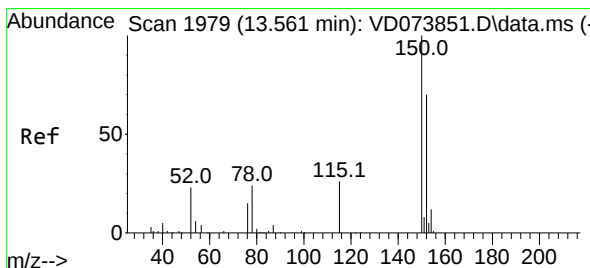
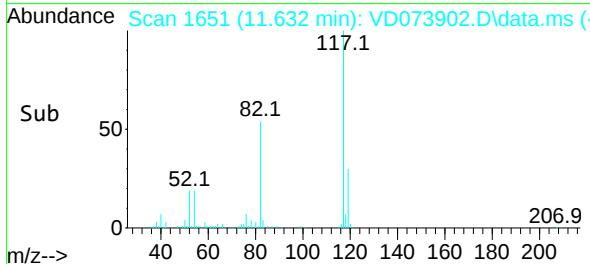
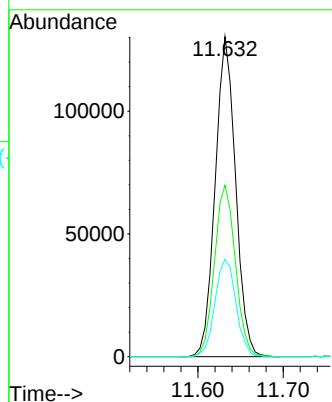
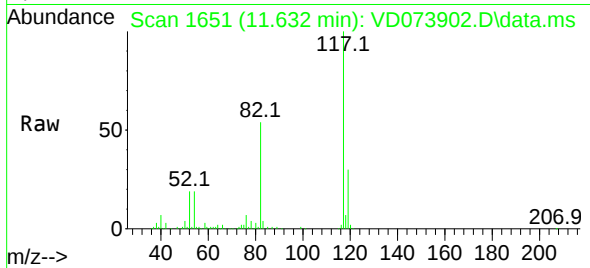




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073902.D
Acq: 21 Jul 2022 18:06

Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:117 Resp: 216712
Ion Ratio Lower Upper
117 100
82 53.6 45.3 67.9
119 30.5 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: VD073902.D
Acq: 21 Jul 2022 18:06

Tgt Ion:152 Resp: 87040
Ion Ratio Lower Upper
152 100
115 62.7 31.3 93.8
150 161.4 0.0 348.6

