

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073807.D
 Acq On : 07 Jul 2022 14:28
 Operator : VA/SY
 Sample : N3562-11
 Misc : 4.46G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12A

Quant Time: Jul 08 06:32:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 05:39:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	97905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	216047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	195803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	79802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	81947	68.028	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.060%
35) Dibromofluoromethane	7.903	113	72839	54.947	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.900%
50) Toluene-d8	10.332	98	267478	59.562	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	=	119.120%#
62) 4-Bromofluorobenzene	12.620	95	92813	50.281	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	=	100.560%#

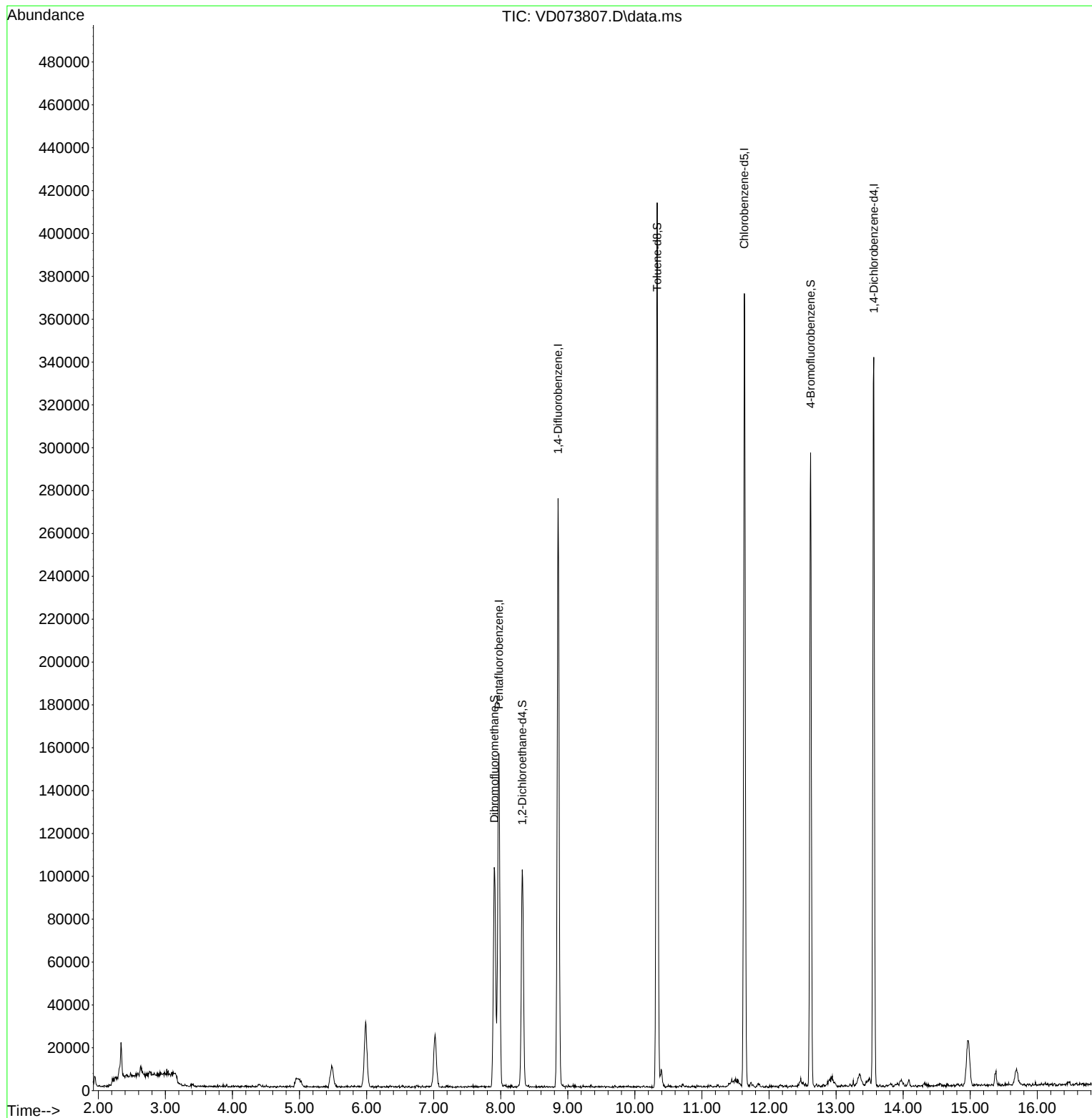
Target Compounds	Qvalue

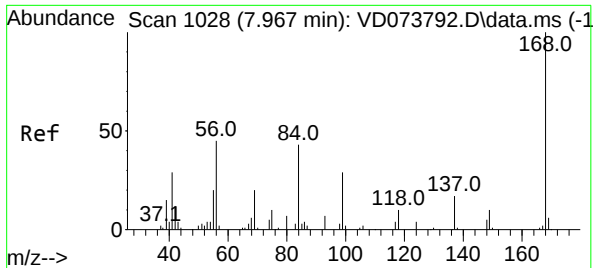
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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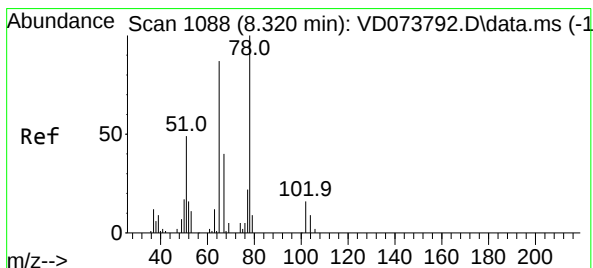
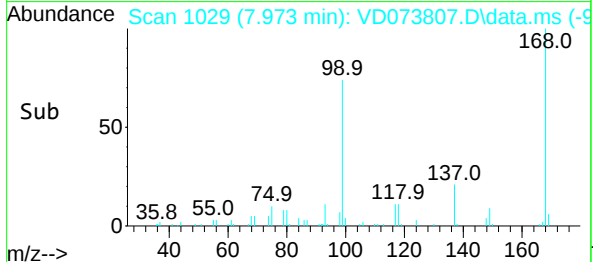
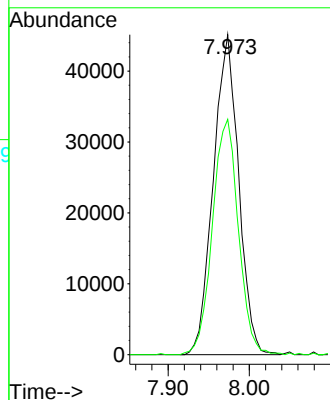
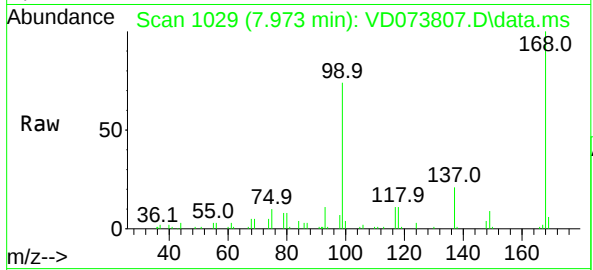




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073807.D
Acq: 07 Jul 2022 14:28

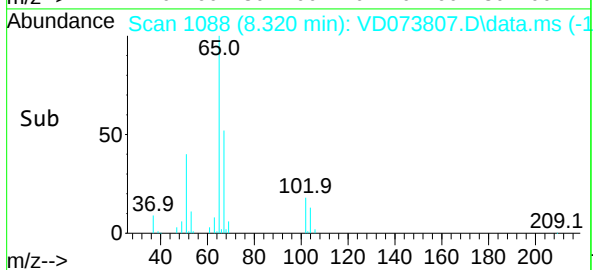
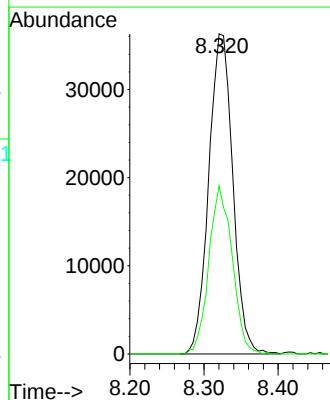
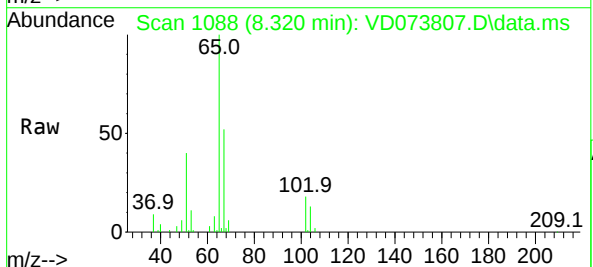
Instrument :
MSVOA_D
ClientSampleId :
SB-12A

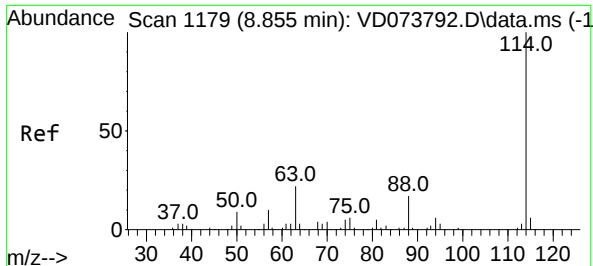
Tgt Ion:168 Resp: 97905
Ion Ratio Lower Upper
168 100
99 73.5 58.4 87.6



#33
1,2-Dichloroethane-d4
Concen: 68.028 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073807.D
Acq: 07 Jul 2022 14:28

Tgt Ion: 65 Resp: 81947
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073807.D

Acq: 07 Jul 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

SB-12A

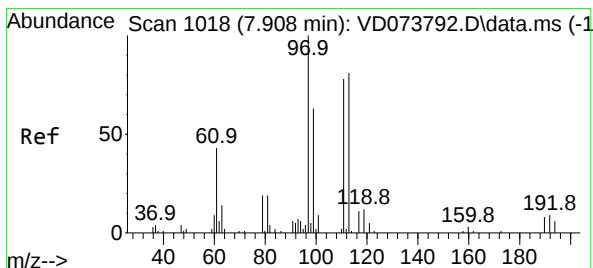
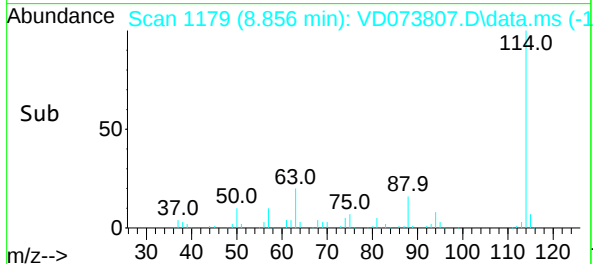
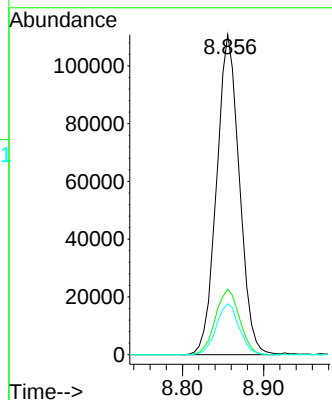
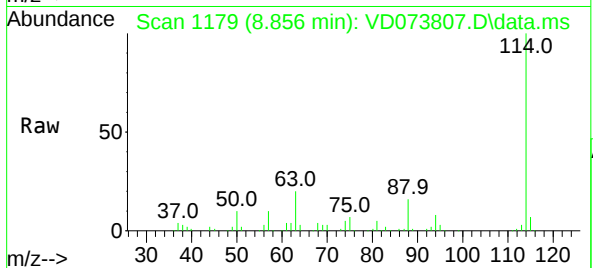
Tgt Ion:114 Resp: 216047

Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.2

88 15.9 0.0 33.6



#35

Dibromofluoromethane

Concen: 54.947 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.005 min

Lab File: VD073807.D

Acq: 07 Jul 2022 14:28

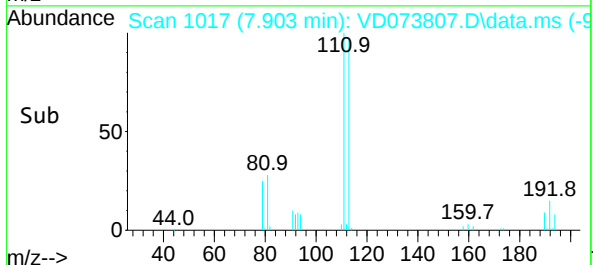
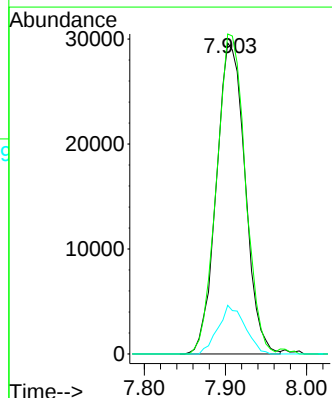
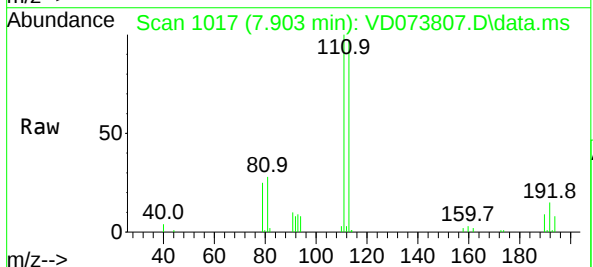
Tgt Ion:113 Resp: 72839

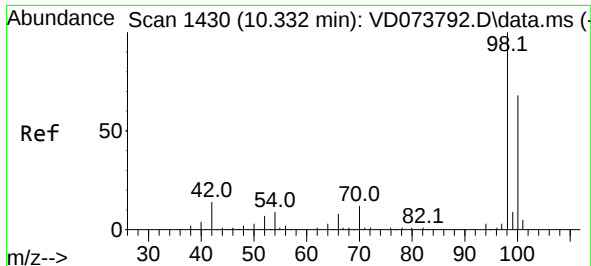
Ion Ratio Lower Upper

113 100

111 102.8 82.7 124.1

192 14.6 11.7 17.5

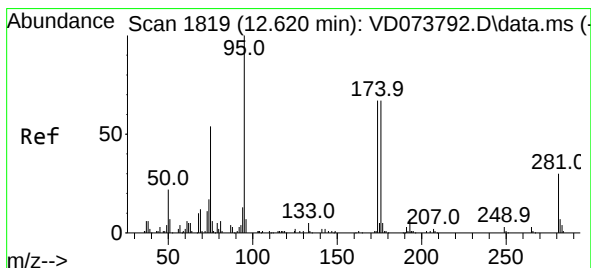
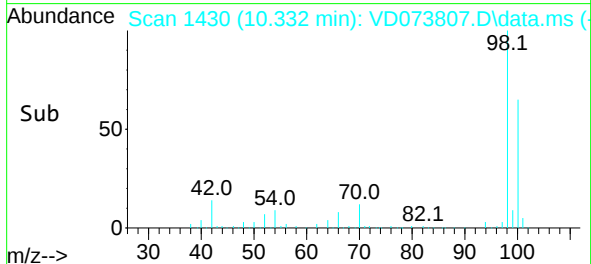
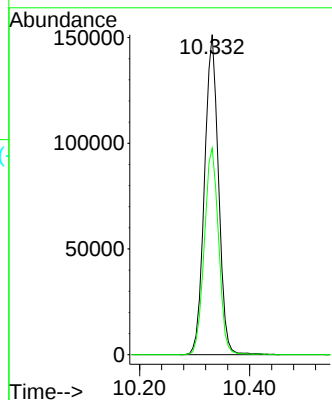
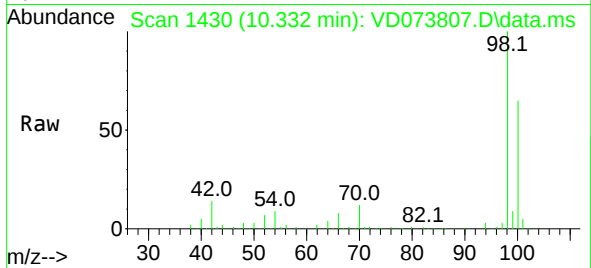




#50
Toluene-d8
Concen: 59.562 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073807.D
Acq: 07 Jul 2022 14:28

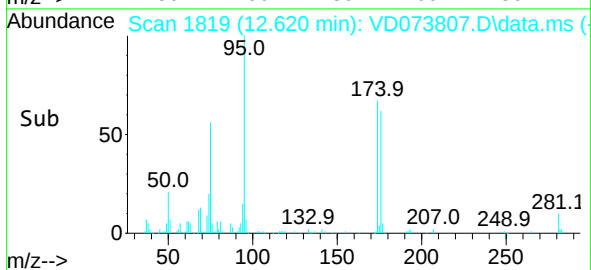
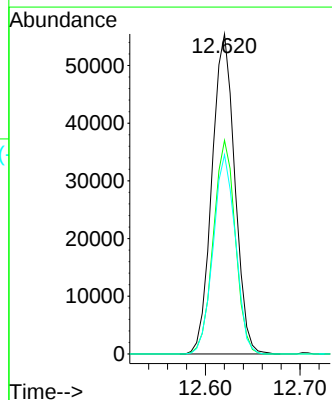
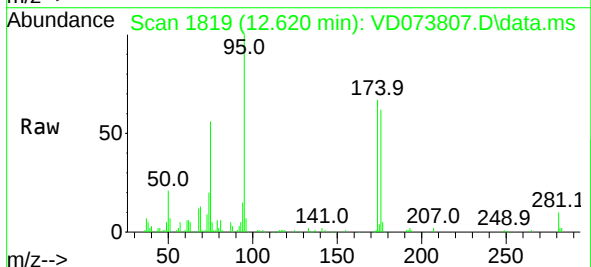
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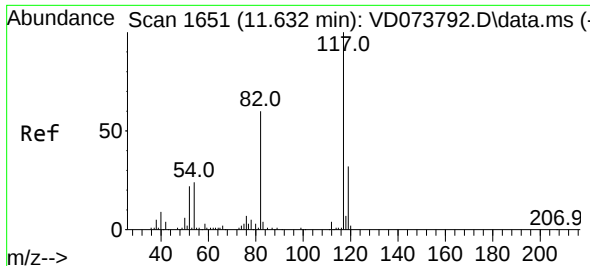
Tgt Ion: 98 Resp: 267478
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.281 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073807.D
Acq: 07 Jul 2022 14:28

Tgt Ion: 95 Resp: 92813
Ion Ratio Lower Upper
95 100
174 64.0 0.0 132.4
176 60.7 0.0 129.0

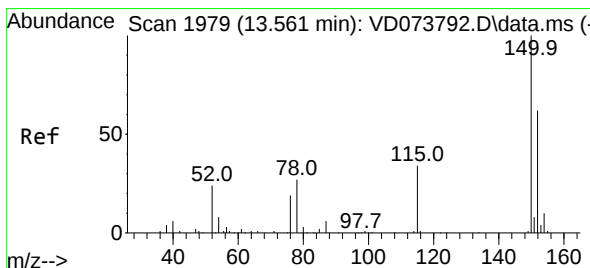
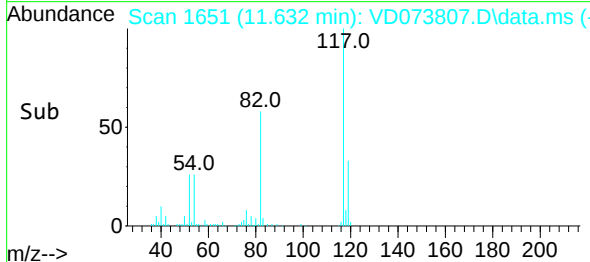
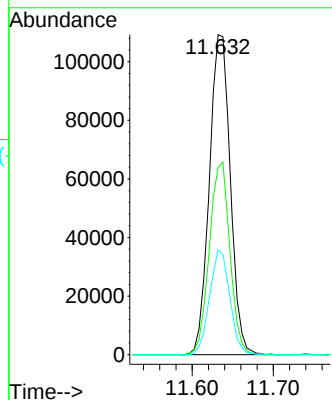
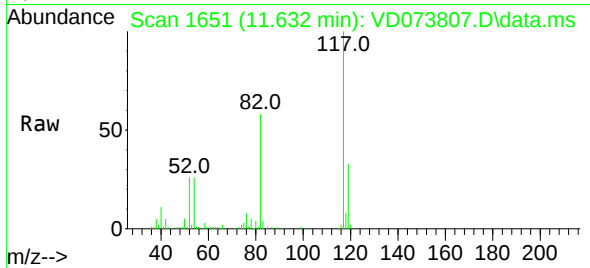




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073807.D
Acq: 07 Jul 2022 14:28

Instrument :
MSVOA_D
ClientSampleId :
SB-12A

Tgt Ion:117 Resp: 195803
Ion Ratio Lower Upper
117 100
82 58.5 48.2 72.2
119 32.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073807.D
Acq: 07 Jul 2022 14:28

Tgt Ion:152 Resp: 79802
Ion Ratio Lower Upper
152 100
115 66.4 32.2 96.6
150 155.7 0.0 353.0

