

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073808.D
 Acq On : 07 Jul 2022 14:58
 Operator : VA/SY
 Sample : N3562-13
 Misc : 3.97G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D62922

Quant Time: Jul 08 06:32:30 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	97778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	215523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	202234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	82675	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	81646	67.866	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.740%
35) Dibromofluoromethane	7.903	113	74706	56.492	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.980%
50) Toluene-d8	10.332	98	275904	61.588	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	=	123.180%#
62) 4-Bromofluorobenzene	12.620	95	95889	52.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	=	104.140%#

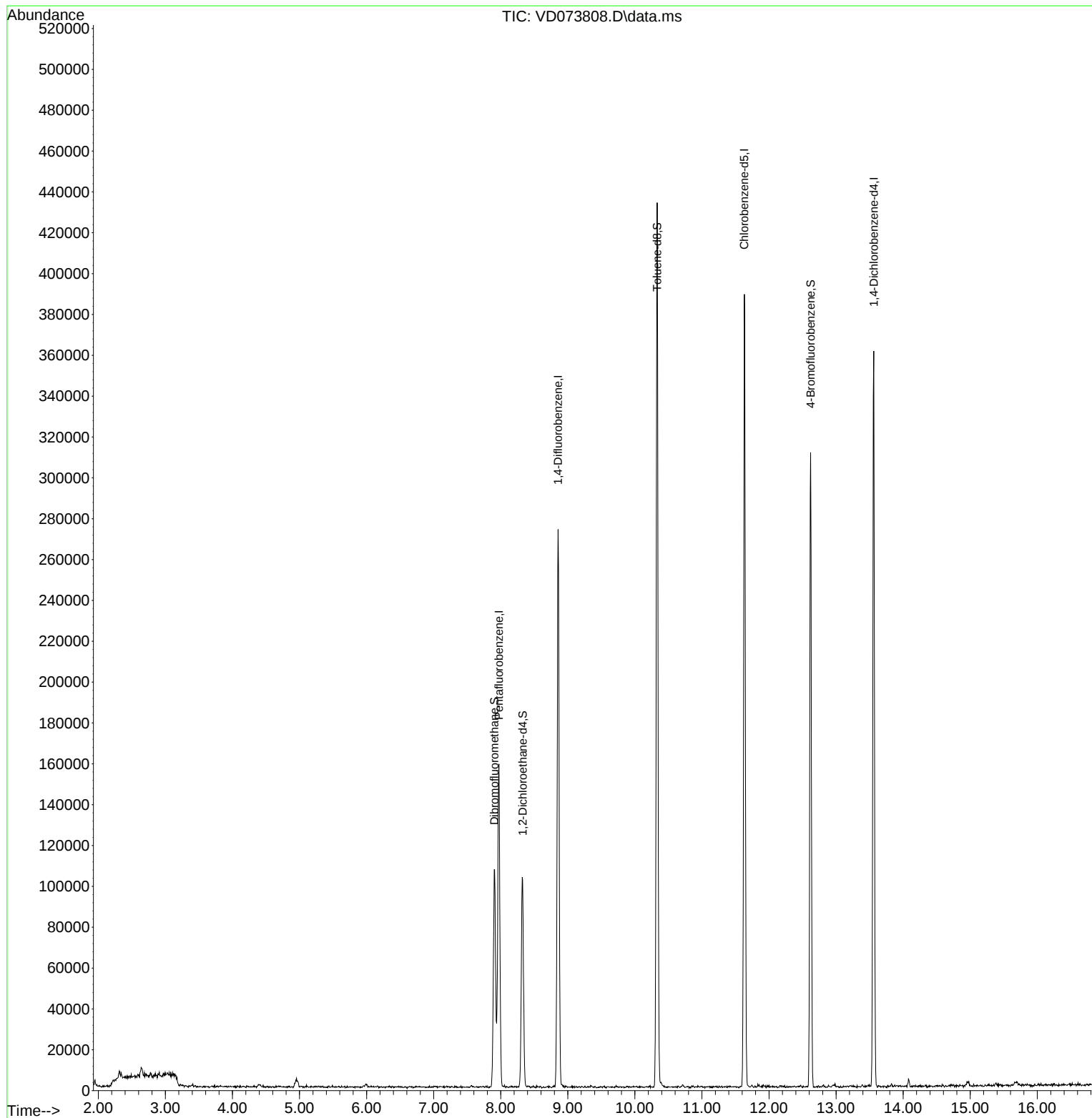
Target Compounds	Qvalue

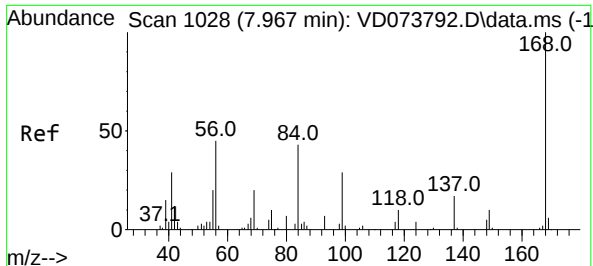
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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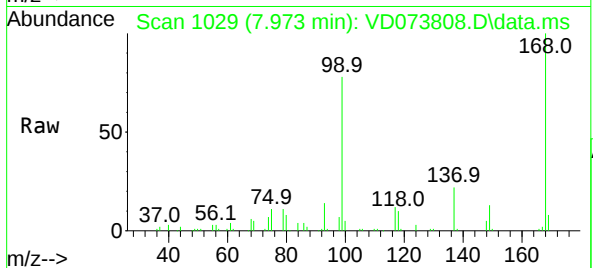
Quant Time: Jul 08 06:32:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
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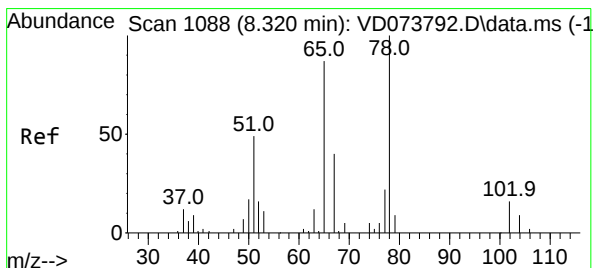
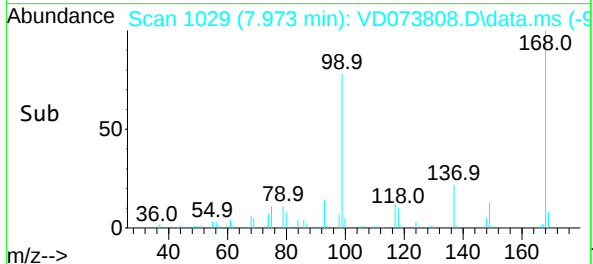
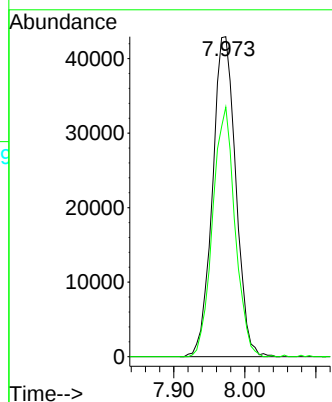


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073808.D
Acq: 07 Jul 2022 14:58

Instrument :
MSVOA_D
ClientSampleId :
D62922

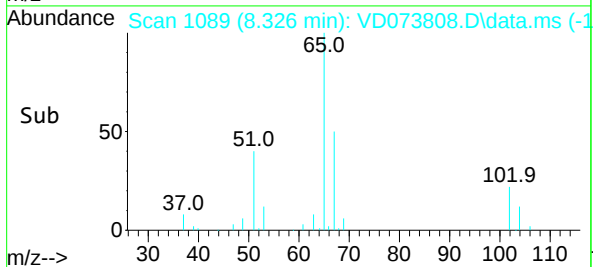
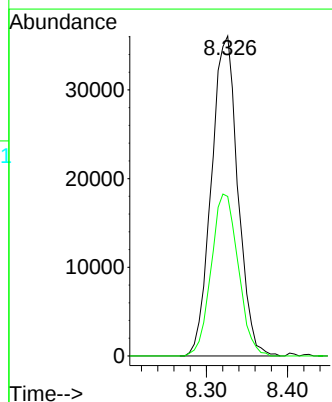
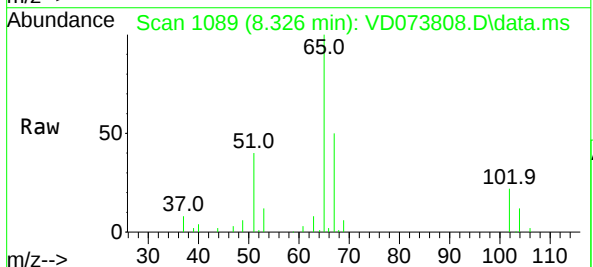


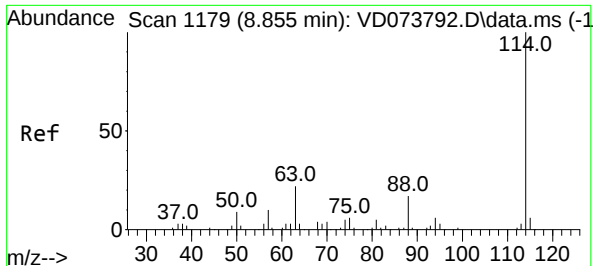
Tgt Ion:168 Resp: 97778
Ion Ratio Lower Upper
168 100
99 78.0 58.4 87.6



#33
1,2-Dichloroethane-d4
Concen: 67.866 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073808.D
Acq: 07 Jul 2022 14:58

Tgt Ion: 65 Resp: 81646
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.8

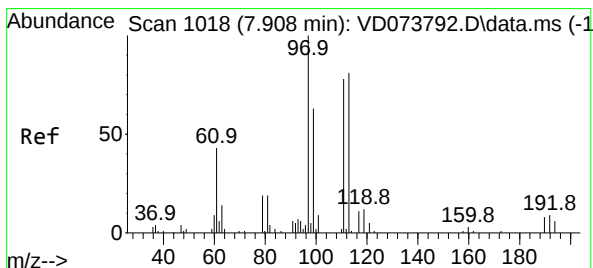
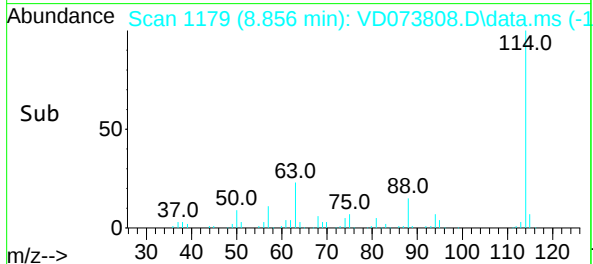
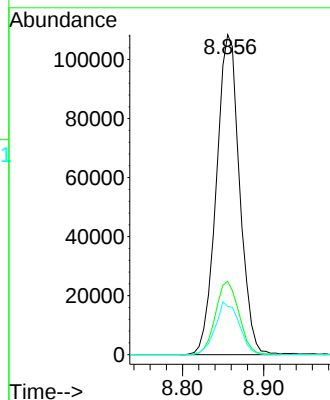
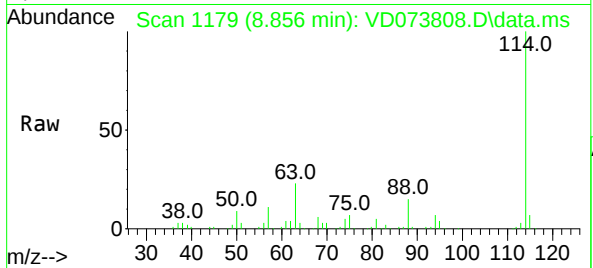




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073808.D
Acq: 07 Jul 2022 14:58

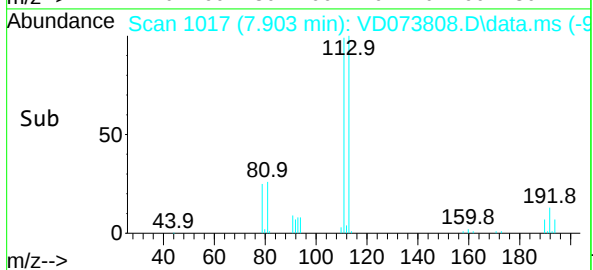
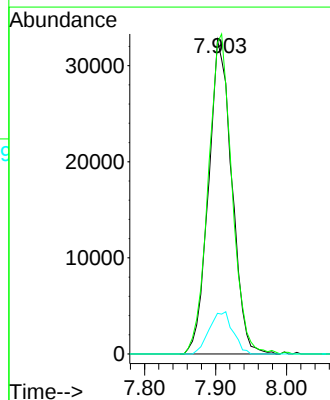
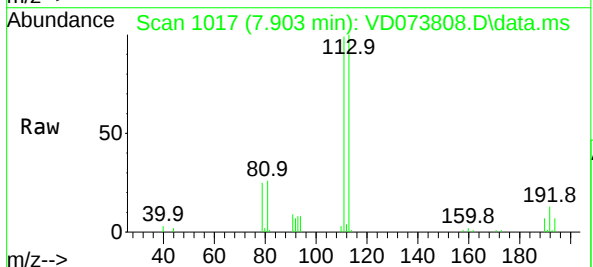
Instrument :
MSVOA_D
ClientSampleId :
D62922

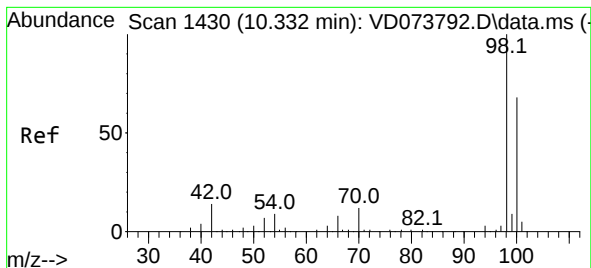
Tgt Ion:114 Resp: 215523
Ion Ratio Lower Upper
114 100
63 22.9 0.0 44.2
88 15.0 0.0 33.6



#35
Dibromofluoromethane
Concen: 56.492 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD073808.D
Acq: 07 Jul 2022 14:58

Tgt Ion:113 Resp: 74706
Ion Ratio Lower Upper
113 100
111 103.1 82.7 124.1
192 13.5 11.7 17.5

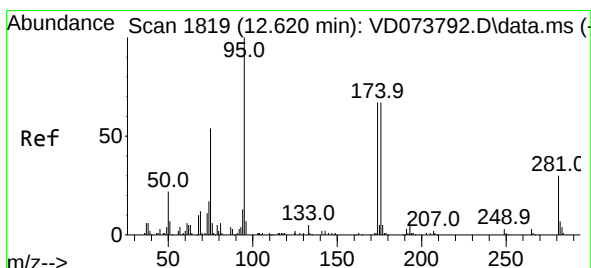
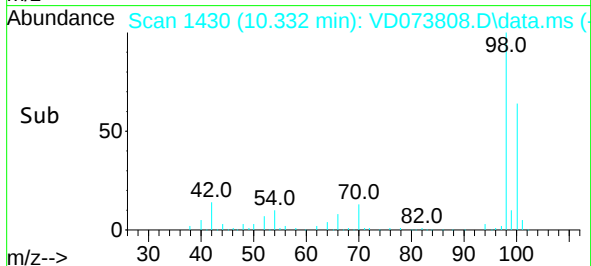
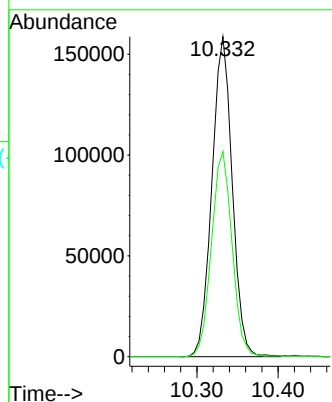
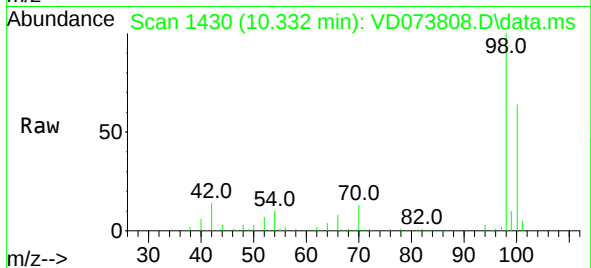




#50
Toluene-d8
Concen: 61.588 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073808.D
Acq: 07 Jul 2022 14:58

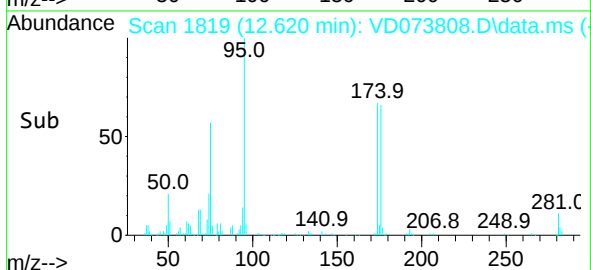
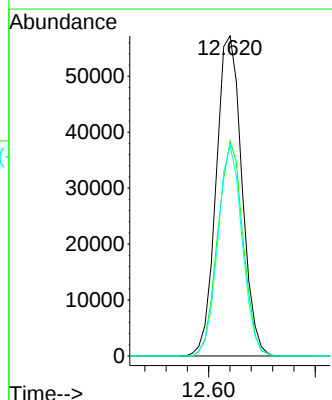
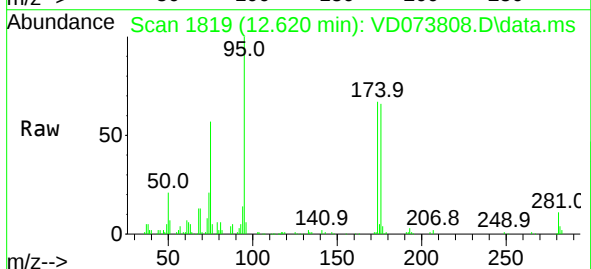
Instrument :
MSVOA_D
ClientSampleId :
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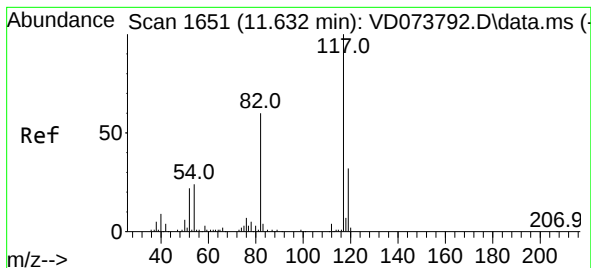
Tgt Ion: 98 Resp: 275904
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.073 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073808.D
Acq: 07 Jul 2022 14:58

Tgt Ion: 95 Resp: 95889
Ion Ratio Lower Upper
95 100
174 65.6 0.0 132.4
176 62.4 0.0 129.0

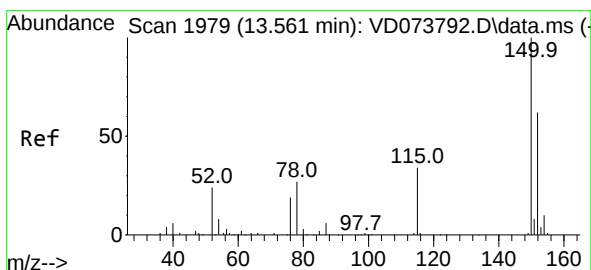
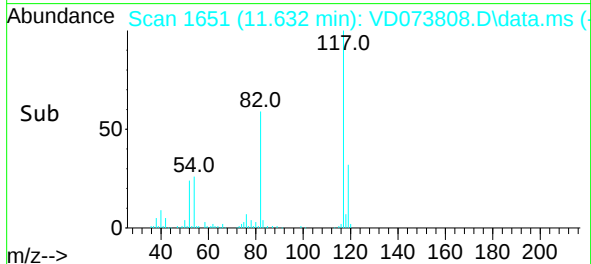
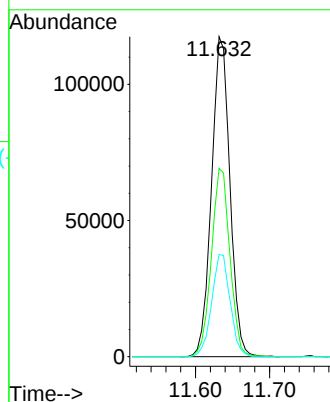
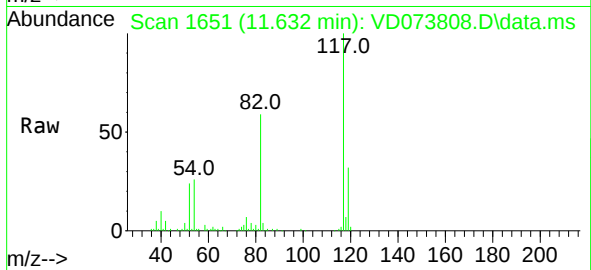




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD073808.D
Acq: 07 Jul 2022 14:58

Instrument :
MSVOA_D
ClientSampleId :
D62922

Tgt Ion:117 Resp: 202234
Ion Ratio Lower Upper
117 100
82 58.8 48.2 72.2
119 32.0 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: VD073808.D
Acq: 07 Jul 2022 14:58

Tgt Ion:152 Resp: 82675
Ion Ratio Lower Upper
152 100
115 68.4 32.2 96.6
150 158.9 0.0 353.0

