

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
 Data File : VD073842.D
 Acq On : 12 Jul 2022 16:58
 Operator : VA/SY
 Sample : N3649-05
 Misc : 4.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A-6-LC

Quant Time: Jul 13 04:32:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 07:04:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	76683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	183710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	171664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	73751	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	70849	68.978	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.960%
35) Dibromofluoromethane	7.902	113	62709	51.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.200%
50) Toluene-d8	10.332	98	239970	56.627	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	113.260%
62) 4-Bromofluorobenzene	12.620	95	83653	46.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	93.180%

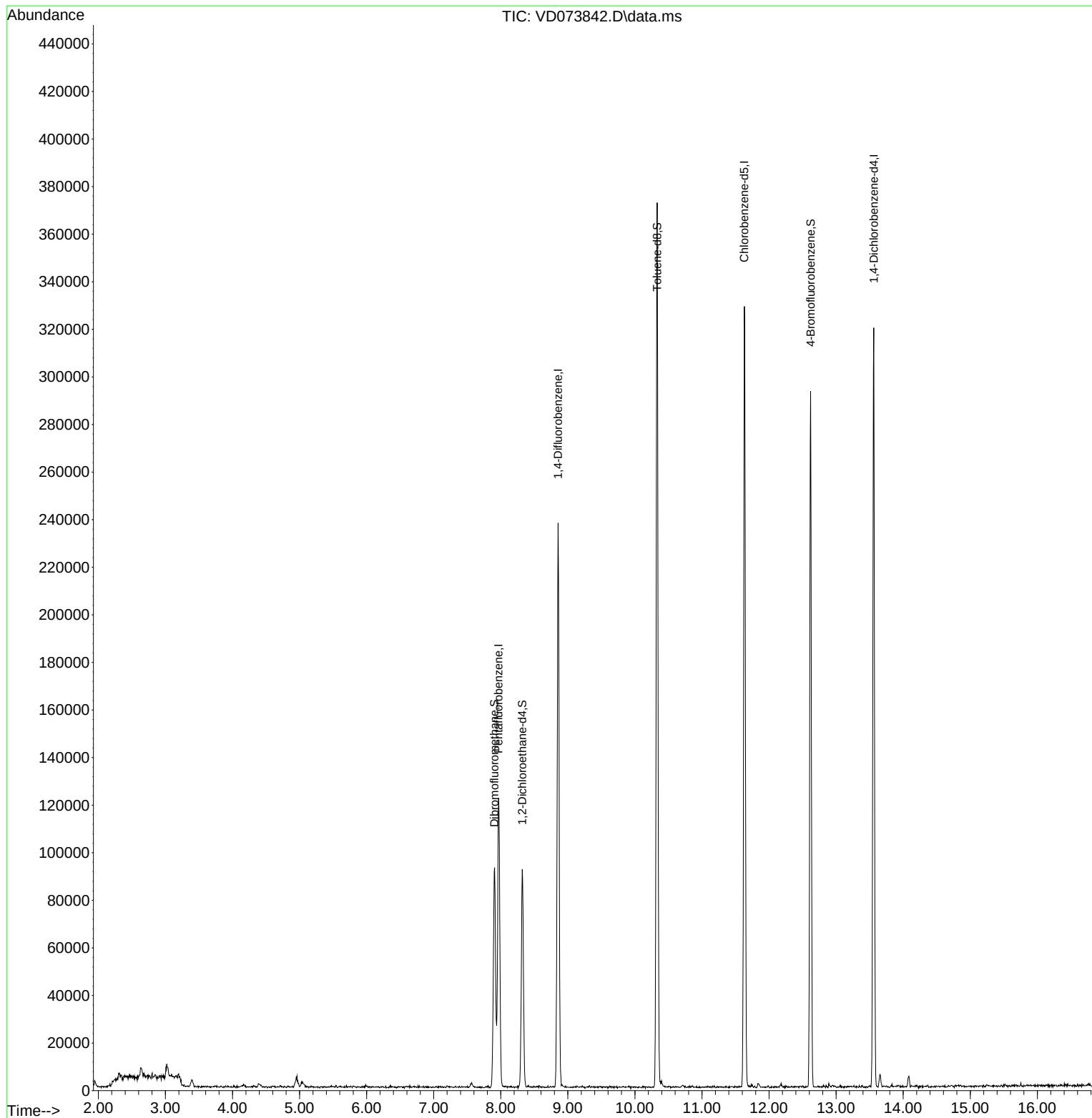
Target Compounds	Qvalue

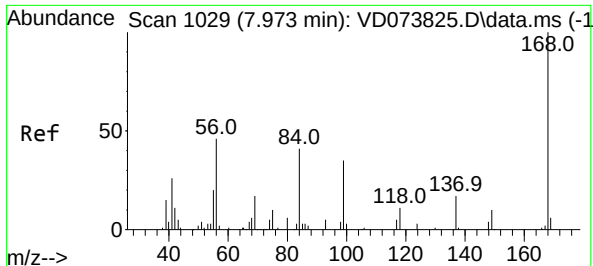
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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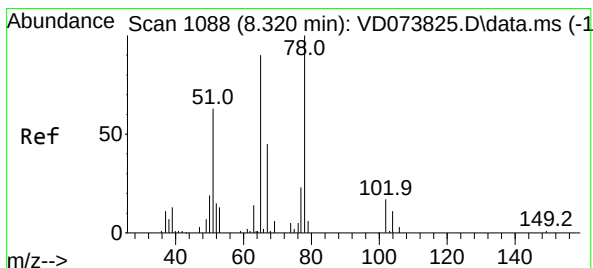
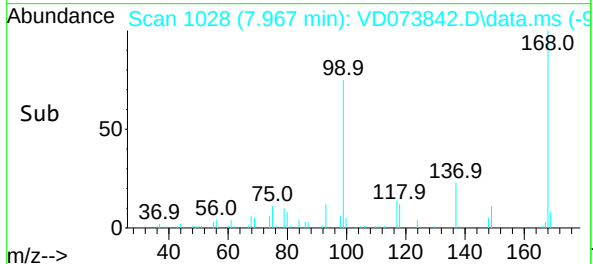
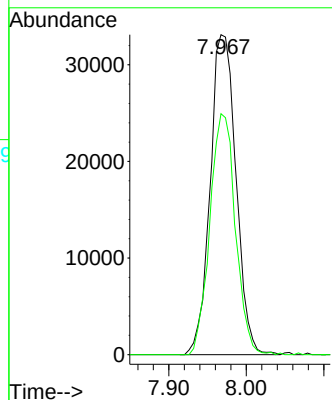
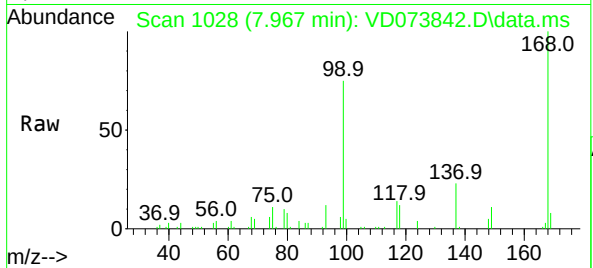




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073842.D
Acq: 12 Jul 2022 16:58

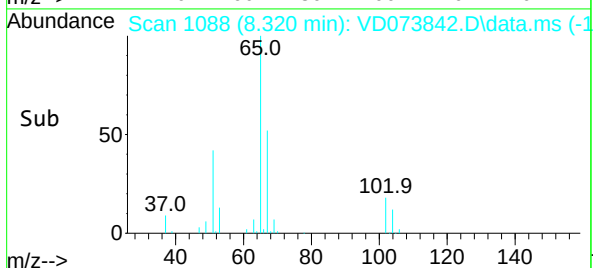
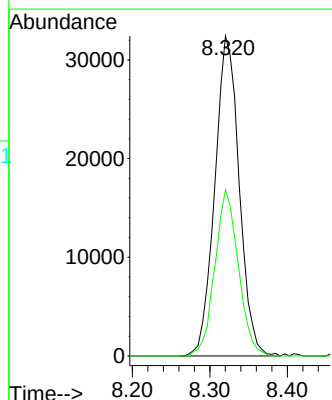
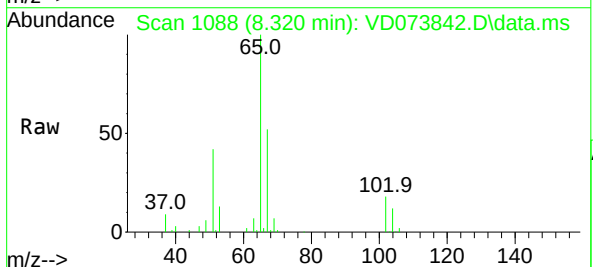
Instrument :
MSVOA_D
ClientSampleId :
A-6-LC

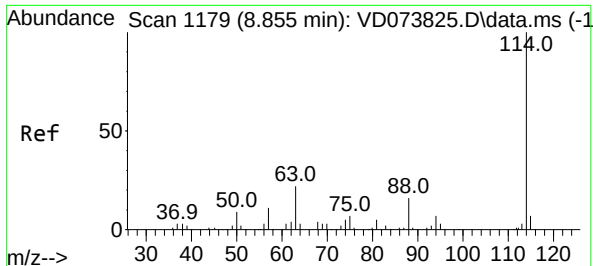
Tgt Ion:168 Resp: 76683
Ion Ratio Lower Upper
168 100
99 75.3 53.8 80.6



#33
1,2-Dichloroethane-d4
Concen: 68.978 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD073842.D
Acq: 12 Jul 2022 16:58

Tgt Ion: 65 Resp: 70849
Ion Ratio Lower Upper
65 100
67 50.1 0.0 106.0

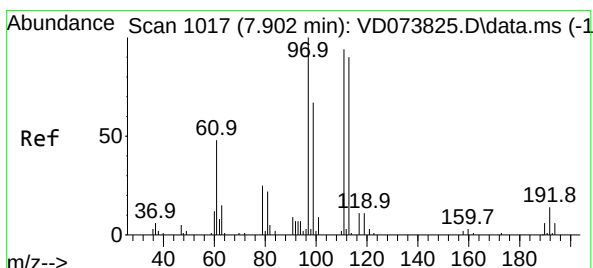
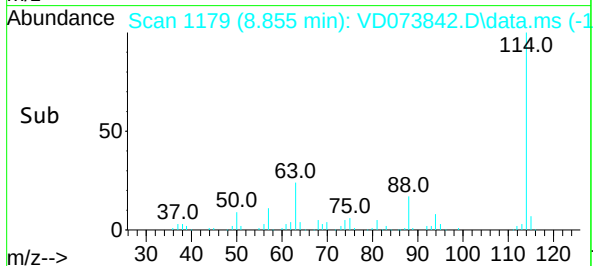
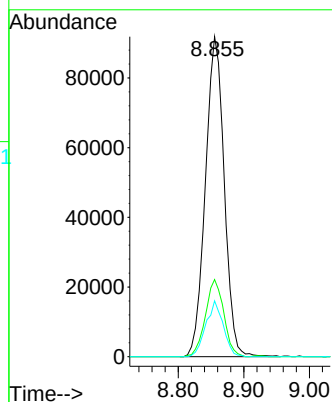
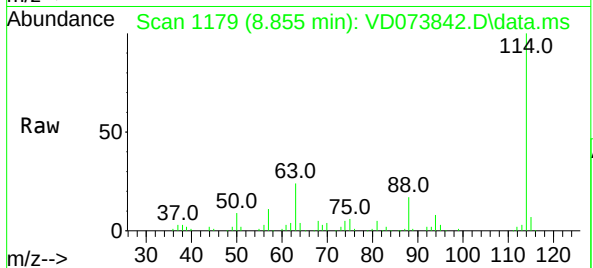




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073842.D
Acq: 12 Jul 2022 16:58

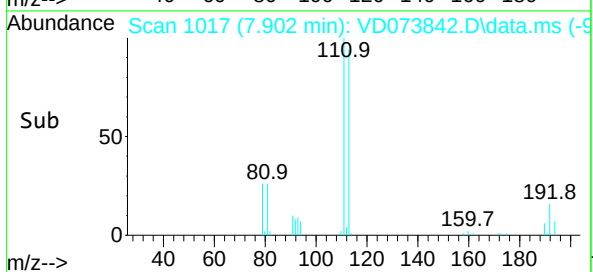
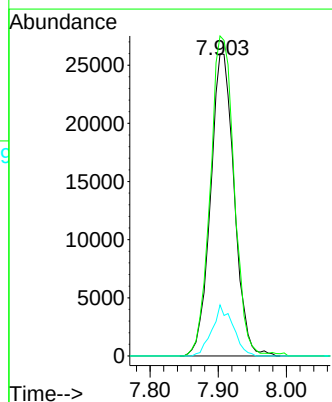
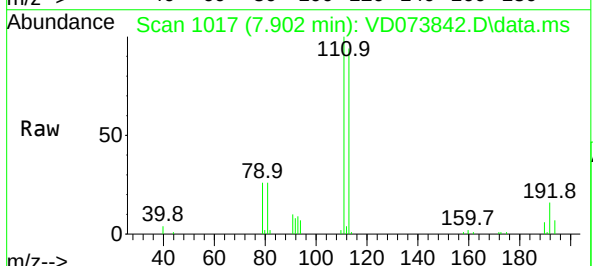
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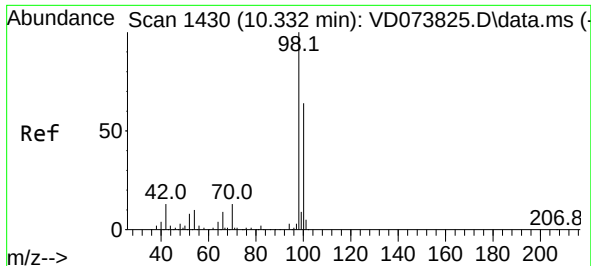
Tgt Ion:114 Resp: 183710
Ion Ratio Lower Upper
114 100
63 24.1 0.0 43.0
88 17.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.599 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD073842.D
Acq: 12 Jul 2022 16:58

Tgt Ion:113 Resp: 62709
Ion Ratio Lower Upper
113 100
111 107.0 82.2 123.4
192 15.0 12.3 18.5

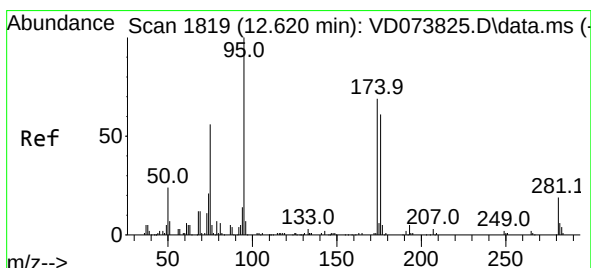
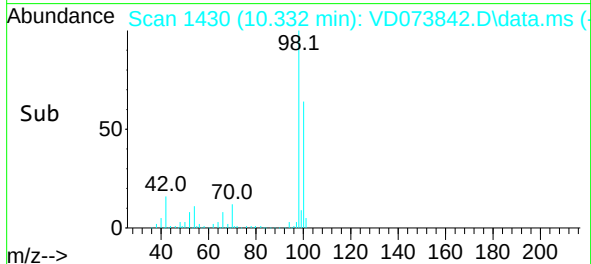
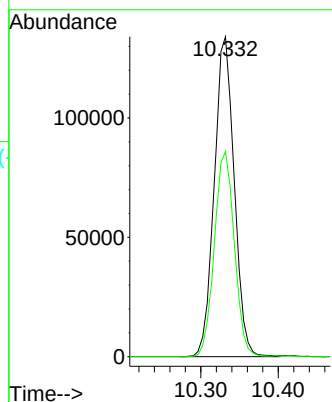
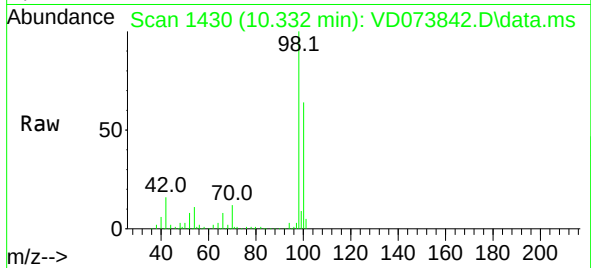




#50
Toluene-d8
Concen: 56.627 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073842.D
Acq: 12 Jul 2022 16:58

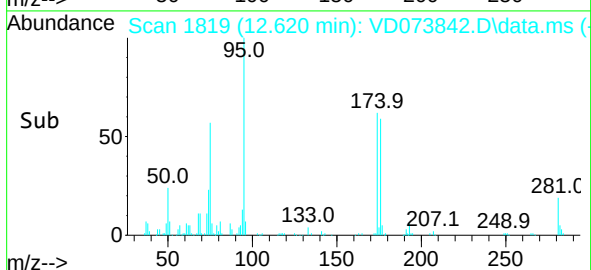
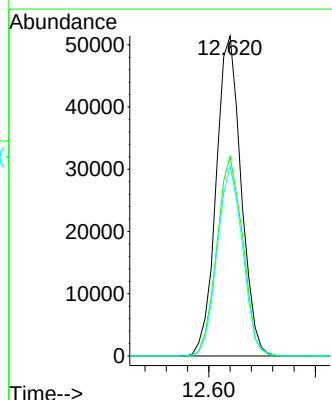
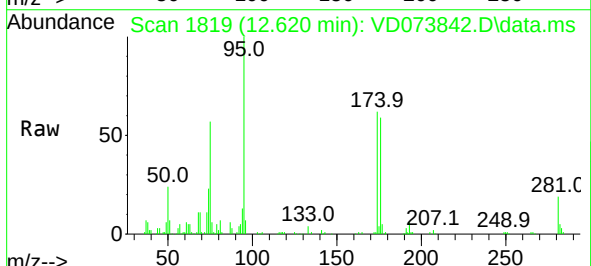
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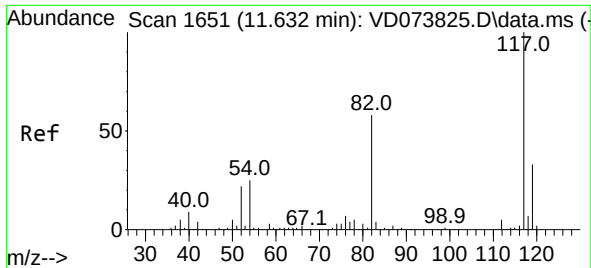
Tgt Ion: 98 Resp: 239970
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.588 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073842.D
Acq: 12 Jul 2022 16:58

Tgt Ion: 95 Resp: 83653
Ion Ratio Lower Upper
95 100
174 64.4 0.0 131.8
176 60.2 0.0 124.2

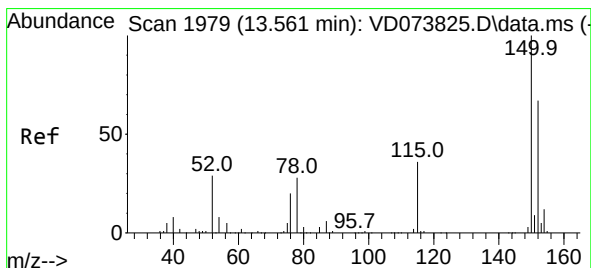
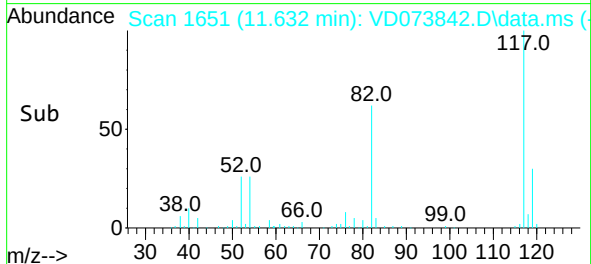
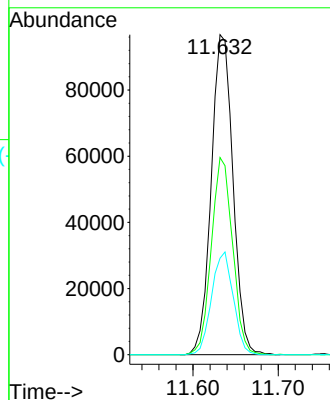
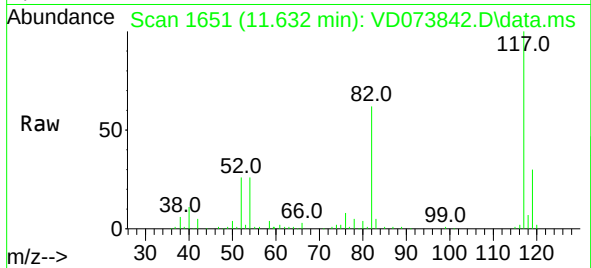




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073842.D
Acq: 12 Jul 2022 16:58

Instrument :
MSVOA_D
ClientSampleId :
A-6-LC

Tgt Ion:117 Resp: 171664
Ion Ratio Lower Upper
117 100
82 61.6 46.6 69.8
119 30.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073842.D
Acq: 12 Jul 2022 16:58

Tgt Ion:152 Resp: 73751
Ion Ratio Lower Upper
152 100
115 66.4 33.5 100.5
150 156.1 0.0 343.2

