

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073883.D
 Acq On : 20 Jul 2022 17:03
 Operator : VA/SY
 Sample : N3730-05
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-6.5-7.0

Quant Time: Jul 21 01:11:05 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	7.973	168	112887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	231156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	221664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	98926	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	72618	53.871	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.740%
35) Dibromofluoromethane	7.908	113	82475	50.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.140%
50) Toluene-d8	10.332	98	287741	48.605	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.200%
62) 4-Bromofluorobenzene	12.620	95	97872	48.084	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.160%

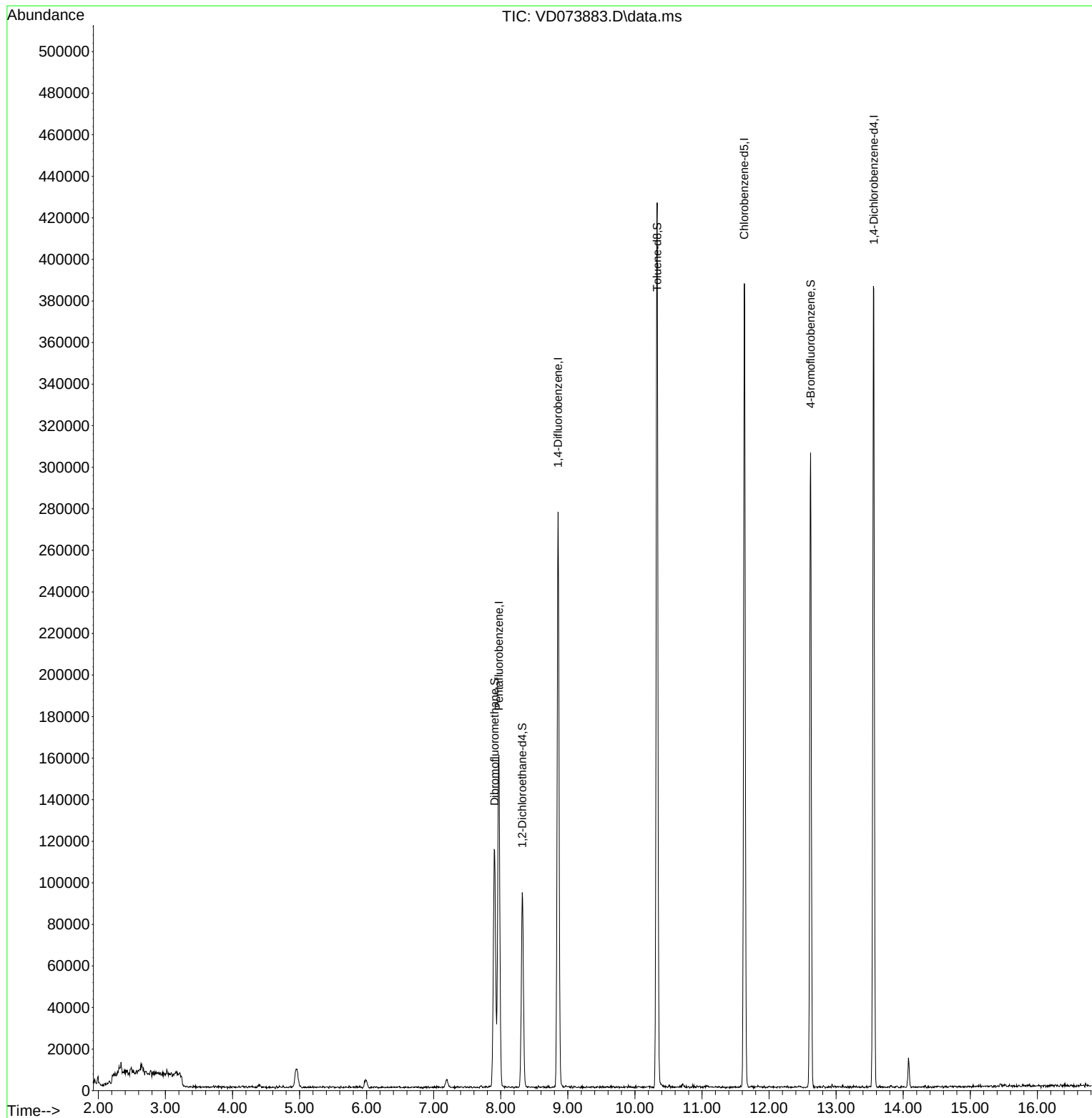
Target Compounds	Qvalue

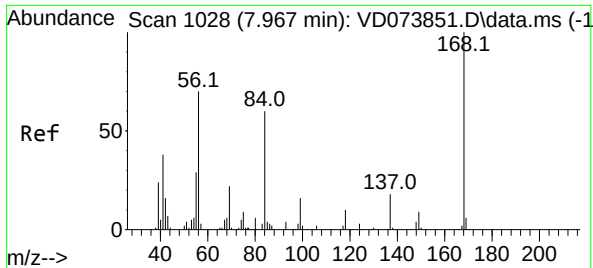
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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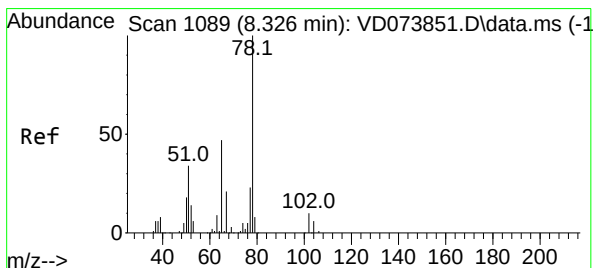
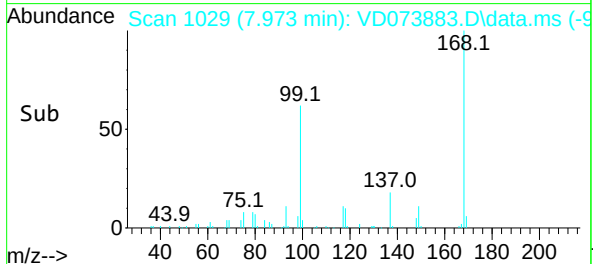
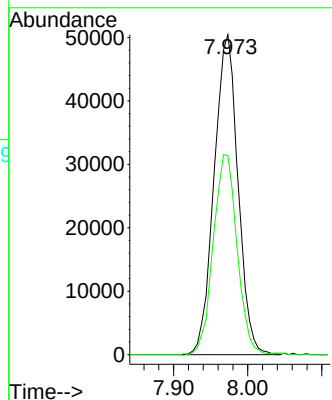
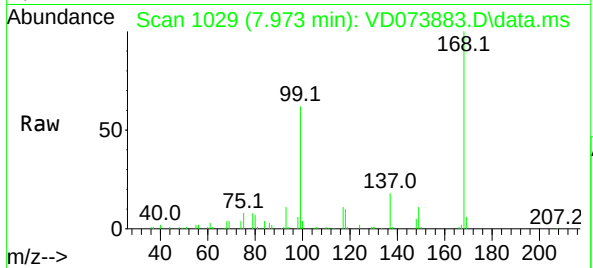




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073883.D
Acq: 20 Jul 2022 17:03

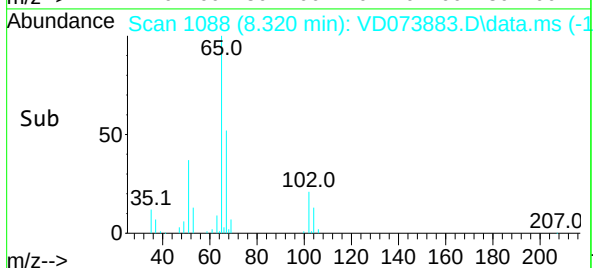
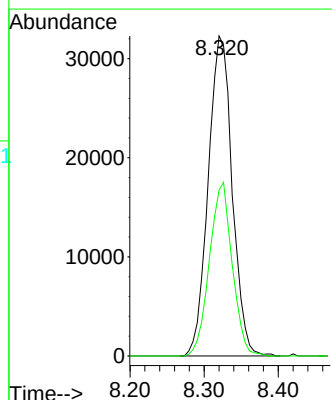
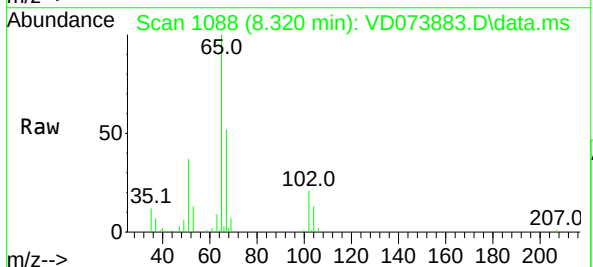
Instrument :
MSVOA_D
ClientSampleId :
SB-03-6.5-7.0

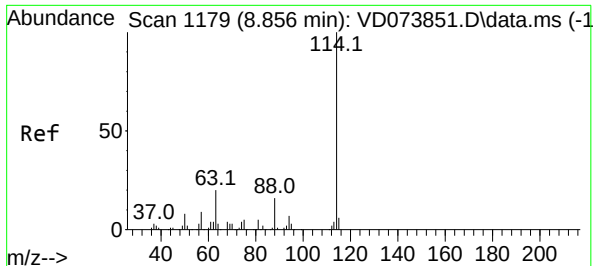
Tgt Ion:168 Resp: 112887
Ion Ratio Lower Upper
168 100
99 62.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 53.871 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073883.D
Acq: 20 Jul 2022 17:03

Tgt Ion: 65 Resp: 72618
Ion Ratio Lower Upper
65 100
67 51.4 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: VD073883.D

Acq: 20 Jul 2022 17:03

Instrument :

MSVOA_D

ClientSampleId :

SB-03-6.5-7.0

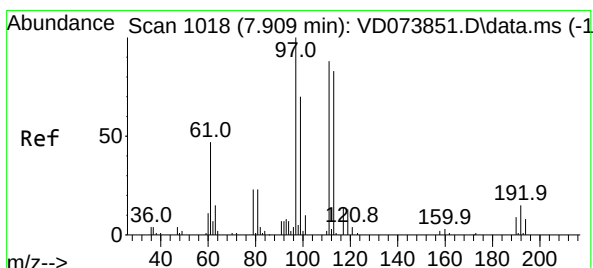
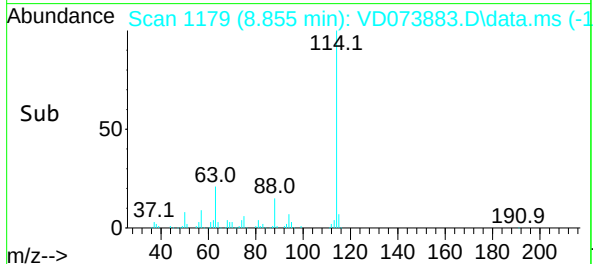
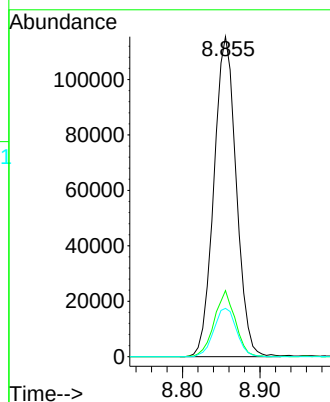
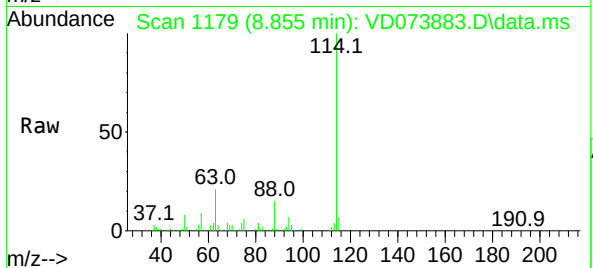
Tgt Ion:114 Resp: 231156

Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.575 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073883.D

Acq: 20 Jul 2022 17:03

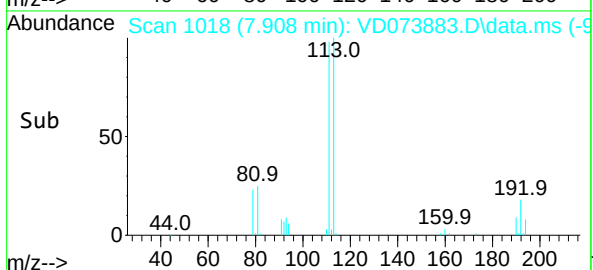
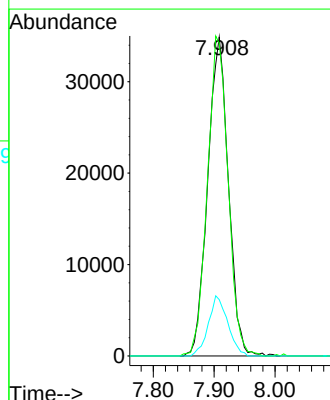
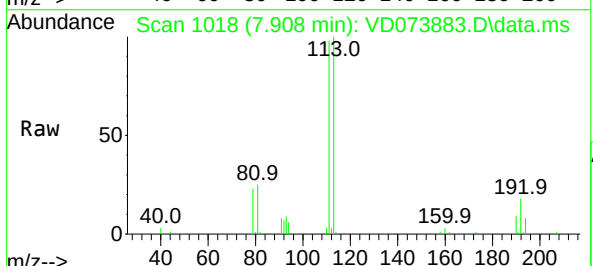
Tgt Ion:113 Resp: 82475

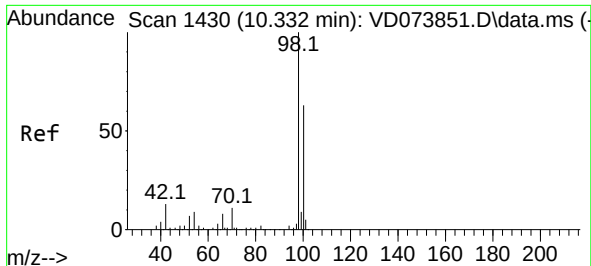
Ion Ratio Lower Upper

113 100

111 100.0 83.8 125.6

192 17.7 14.6 21.8

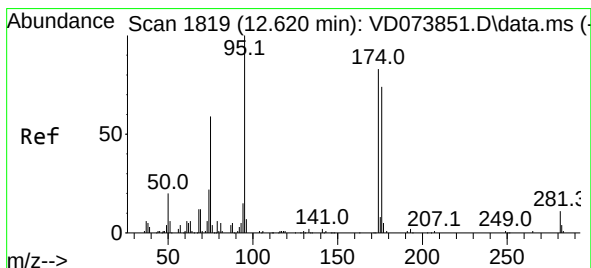
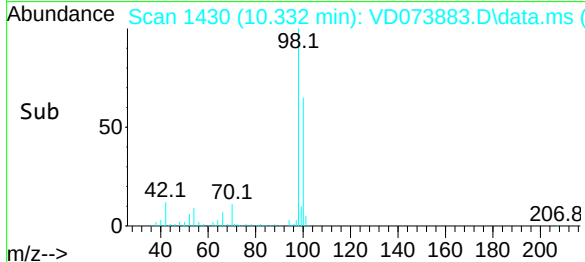
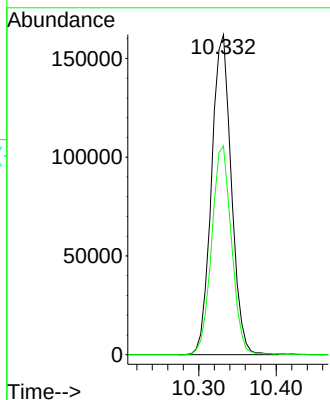
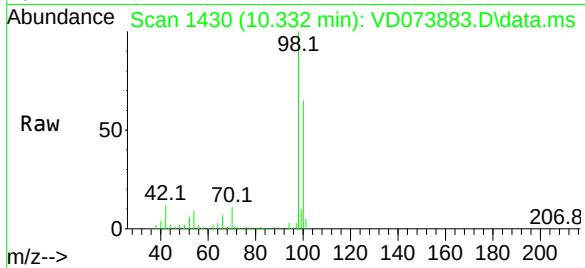




#50
Toluene-d8
Concen: 48.605 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073883.D
Acq: 20 Jul 2022 17:03

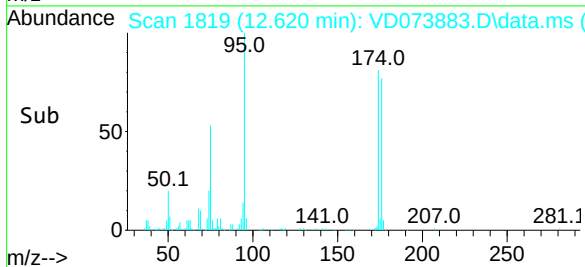
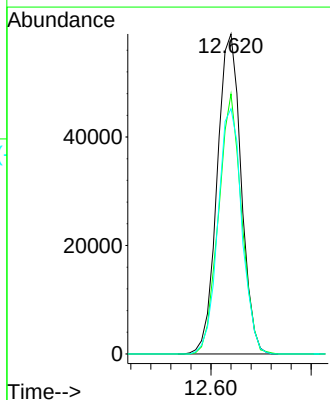
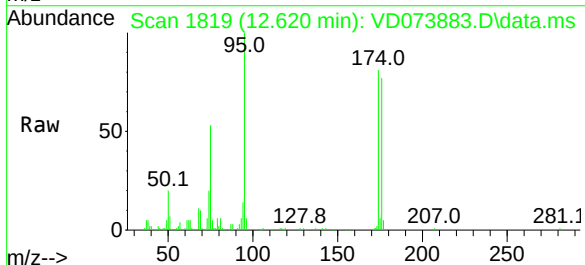
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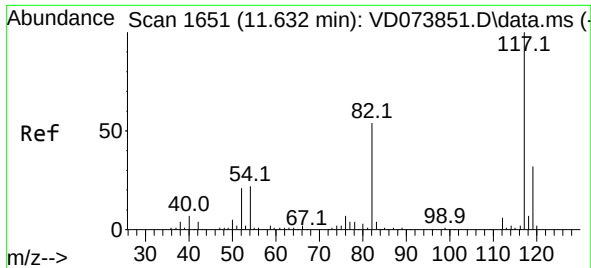
Tgt Ion: 98 Resp: 287741
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.084 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073883.D
Acq: 20 Jul 2022 17:03

Tgt Ion: 95 Resp: 97872
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 76.6 0.0 145.4

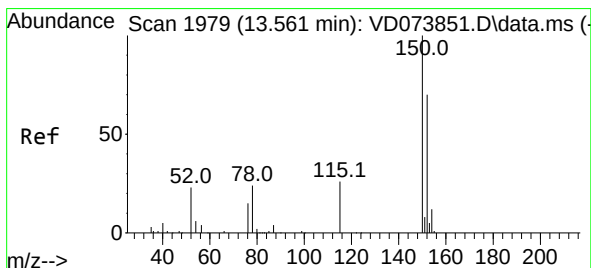
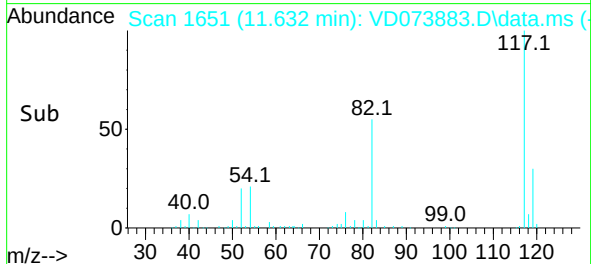
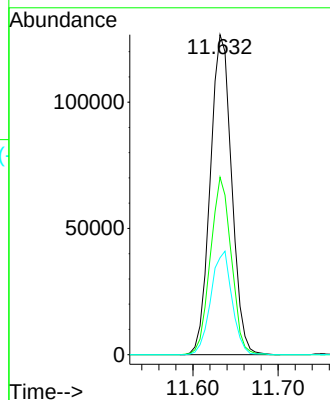
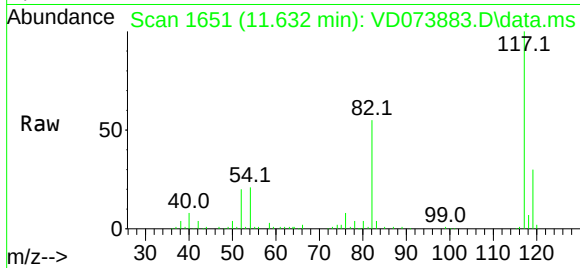




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073883.D
Acq: 20 Jul 2022 17:03

Instrument :
MSVOA_D
ClientSampleId :
SB-03-6.5-7.0

Tgt Ion:117 Resp: 221664
Ion Ratio Lower Upper
117 100
82 55.4 45.3 67.9
119 30.3 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: VD073883.D
Acq: 20 Jul 2022 17:03

Tgt Ion:152 Resp: 98926
Ion Ratio Lower Upper
152 100
115 61.2 31.3 93.8
150 157.7 0.0 348.6

