

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073884.D
 Acq On : 20 Jul 2022 17:33
 Operator : VA/SY
 Sample : N3730-07
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-6.5-7.0

Quant Time: Jul 21 01:11:15 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	120587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	240119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	233189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	107470	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	76699	53.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.540%
35) Dibromofluoromethane	7.908	113	84916	50.128	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.260%
50) Toluene-d8	10.326	98	299929	48.773	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.540%
62) 4-Bromofluorobenzene	12.620	95	101245	47.885	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.760%

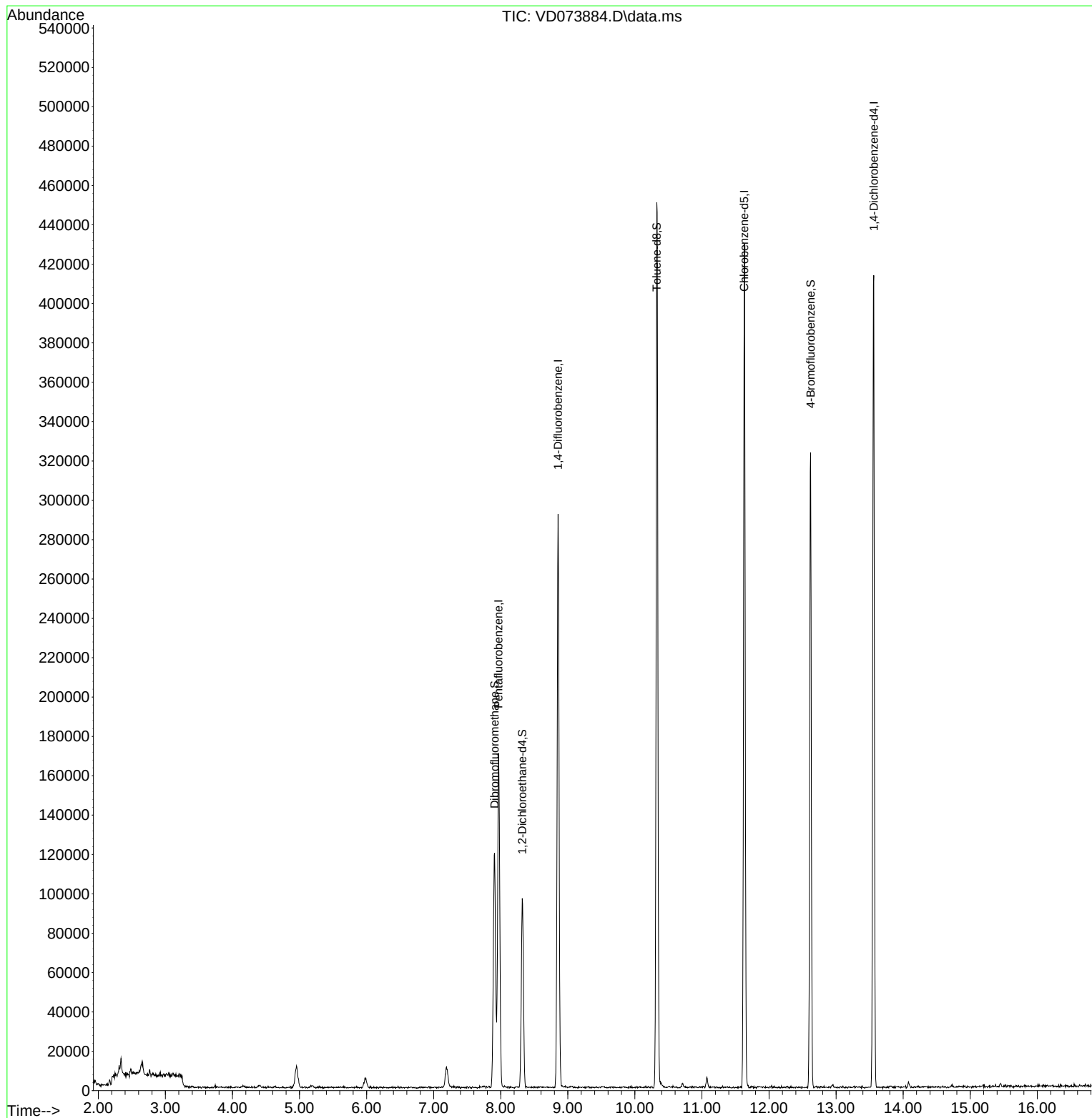
Target Compounds	Qvalue

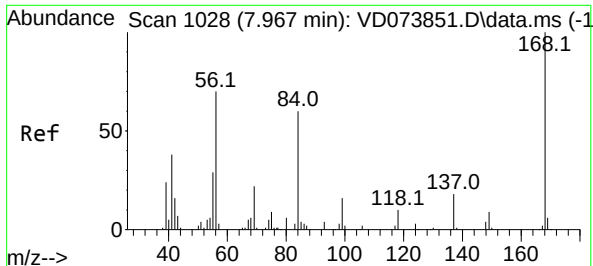
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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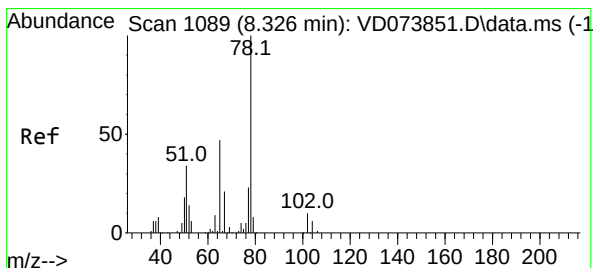
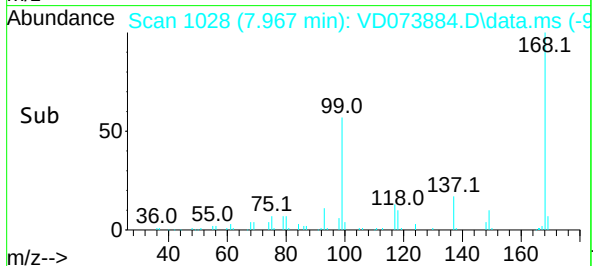
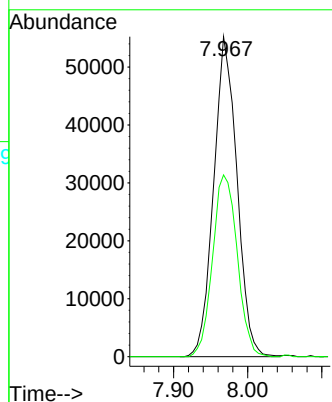
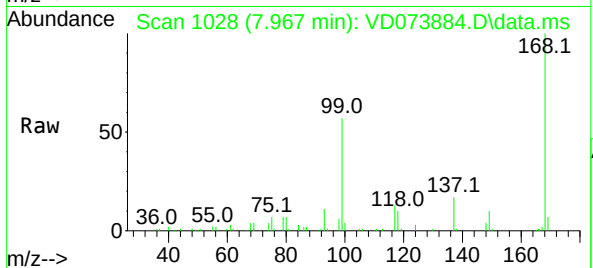




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073884.D
Acq: 20 Jul 2022 17:33

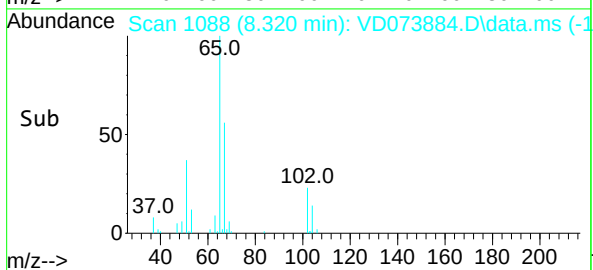
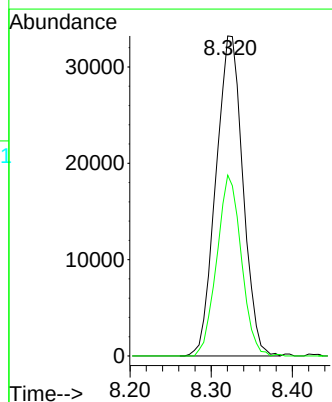
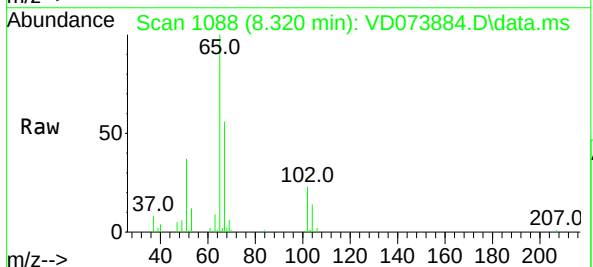
Instrument :
MSVOA_D
ClientSampleId :
SB-04-6.5-7.0

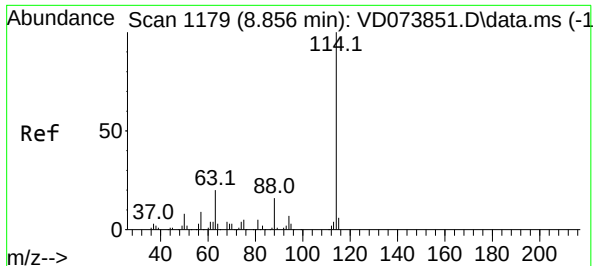
Tgt Ion:168 Resp: 120587
Ion Ratio Lower Upper
168 100
99 56.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 53.265 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073884.D
Acq: 20 Jul 2022 17:33

Tgt Ion: 65 Resp: 76699
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: VD073884.D

Acq: 20 Jul 2022 17:33

Instrument :

MSVOA_D

ClientSampleId :

SB-04-6.5-7.0

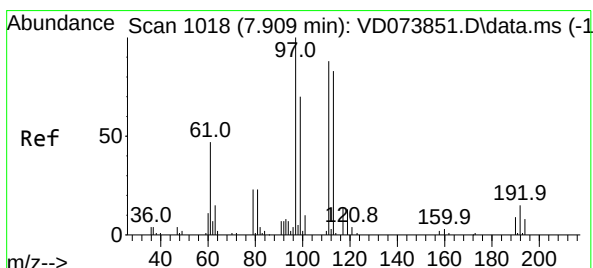
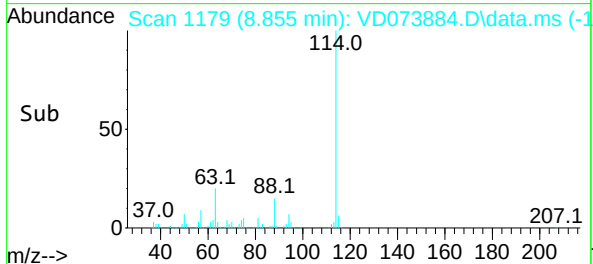
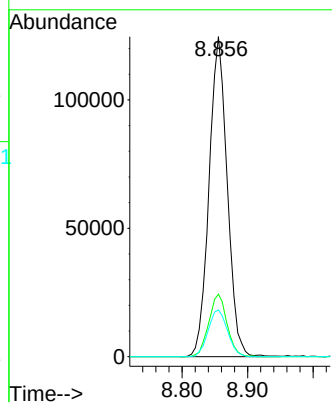
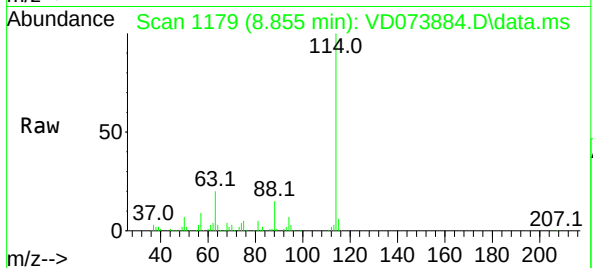
Tgt Ion:114 Resp: 240119

Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 14.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.128 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073884.D

Acq: 20 Jul 2022 17:33

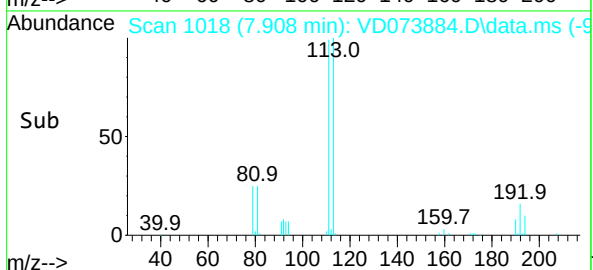
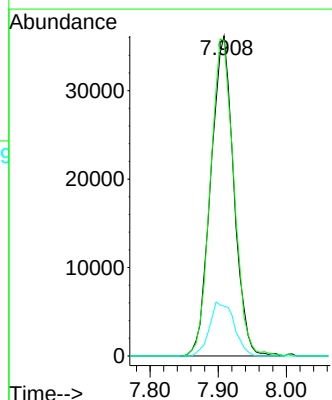
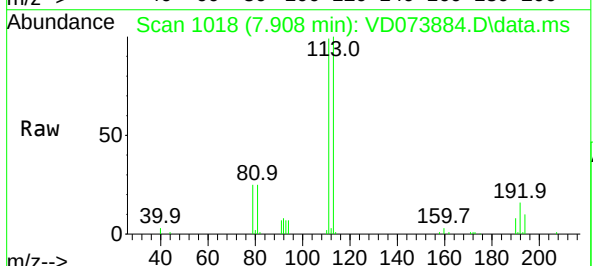
Tgt Ion:113 Resp: 84916

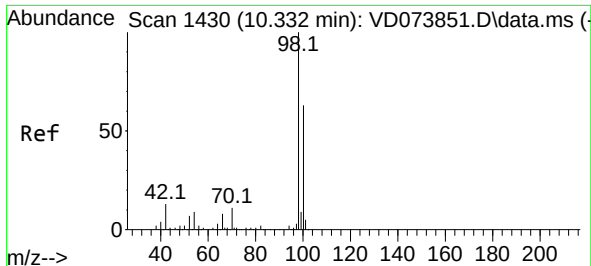
Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 17.9 14.6 21.8

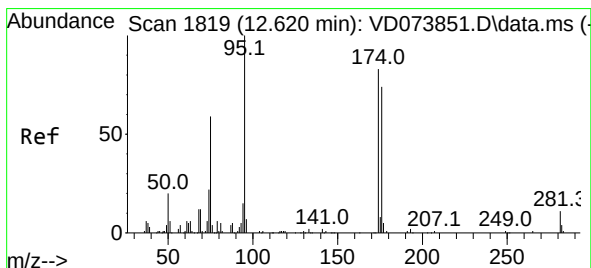
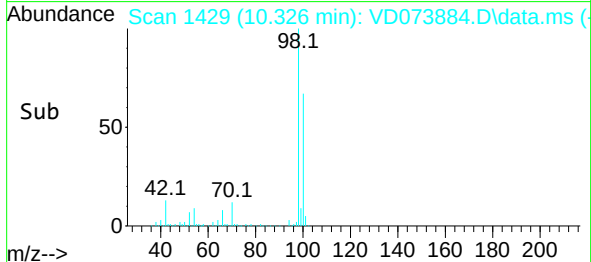
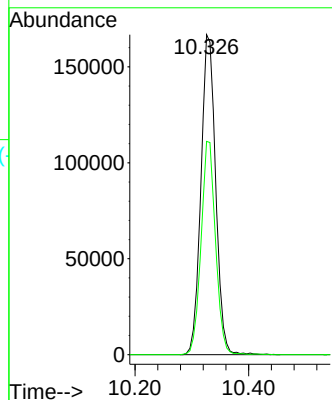
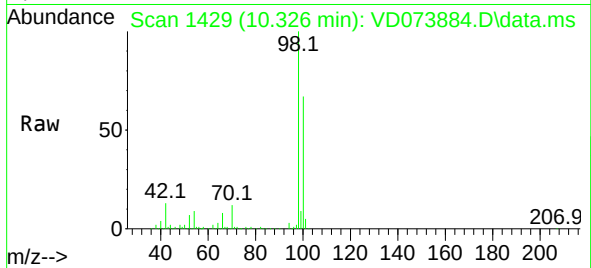




#50
Toluene-d8
Concen: 48.773 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073884.D
Acq: 20 Jul 2022 17:33

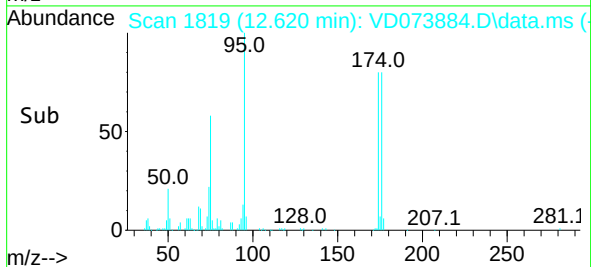
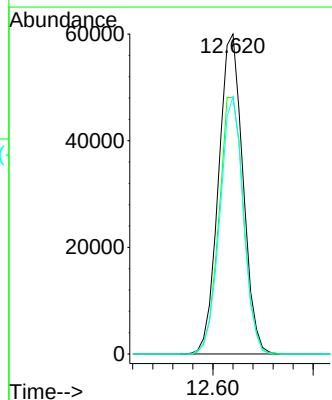
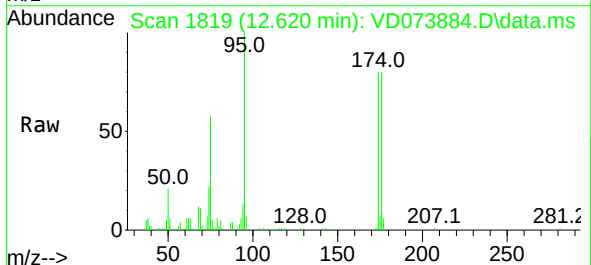
Instrument :
MSVOA_D
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SB-04-6.5-7.0

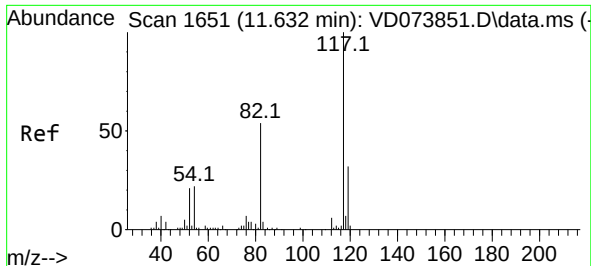
Tgt Ion: 98 Resp: 299929
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.885 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073884.D
Acq: 20 Jul 2022 17:33

Tgt Ion: 95 Resp: 101245
Ion Ratio Lower Upper
95 100
174 80.4 0.0 152.8
176 77.4 0.0 145.4

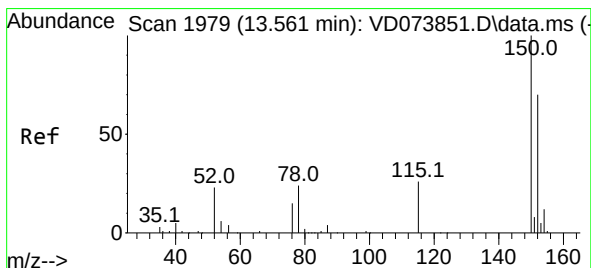
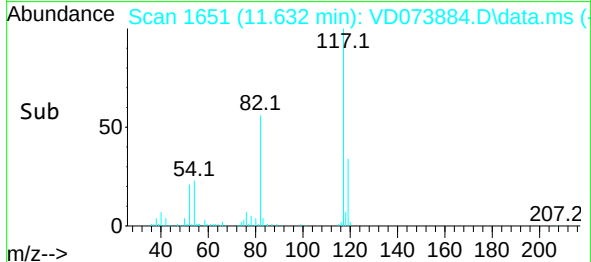
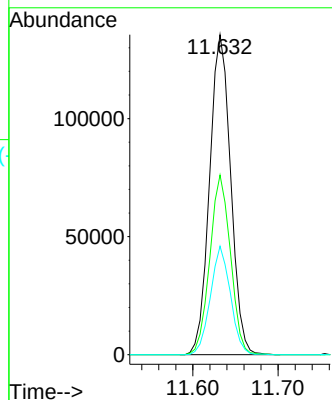
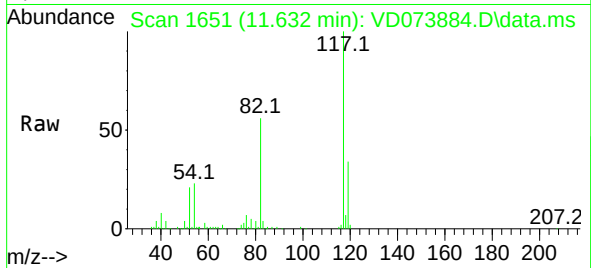




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073884.D
Acq: 20 Jul 2022 17:33

Instrument :
MSVOA_D
ClientSampleId :
SB-04-6.5-7.0

Tgt Ion:117 Resp: 233189
Ion Ratio Lower Upper
117 100
82 56.1 45.3 67.9
119 33.9 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: VD073884.D
Acq: 20 Jul 2022 17:33

Tgt Ion:152 Resp: 107470
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 156.9 0.0 348.6

