

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073882.D
 Acq On : 20 Jul 2022 16:32
 Operator : VA/SY
 Sample : N3730-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-6.5-7.0

Quant Time: Jul 21 01:10:55 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)

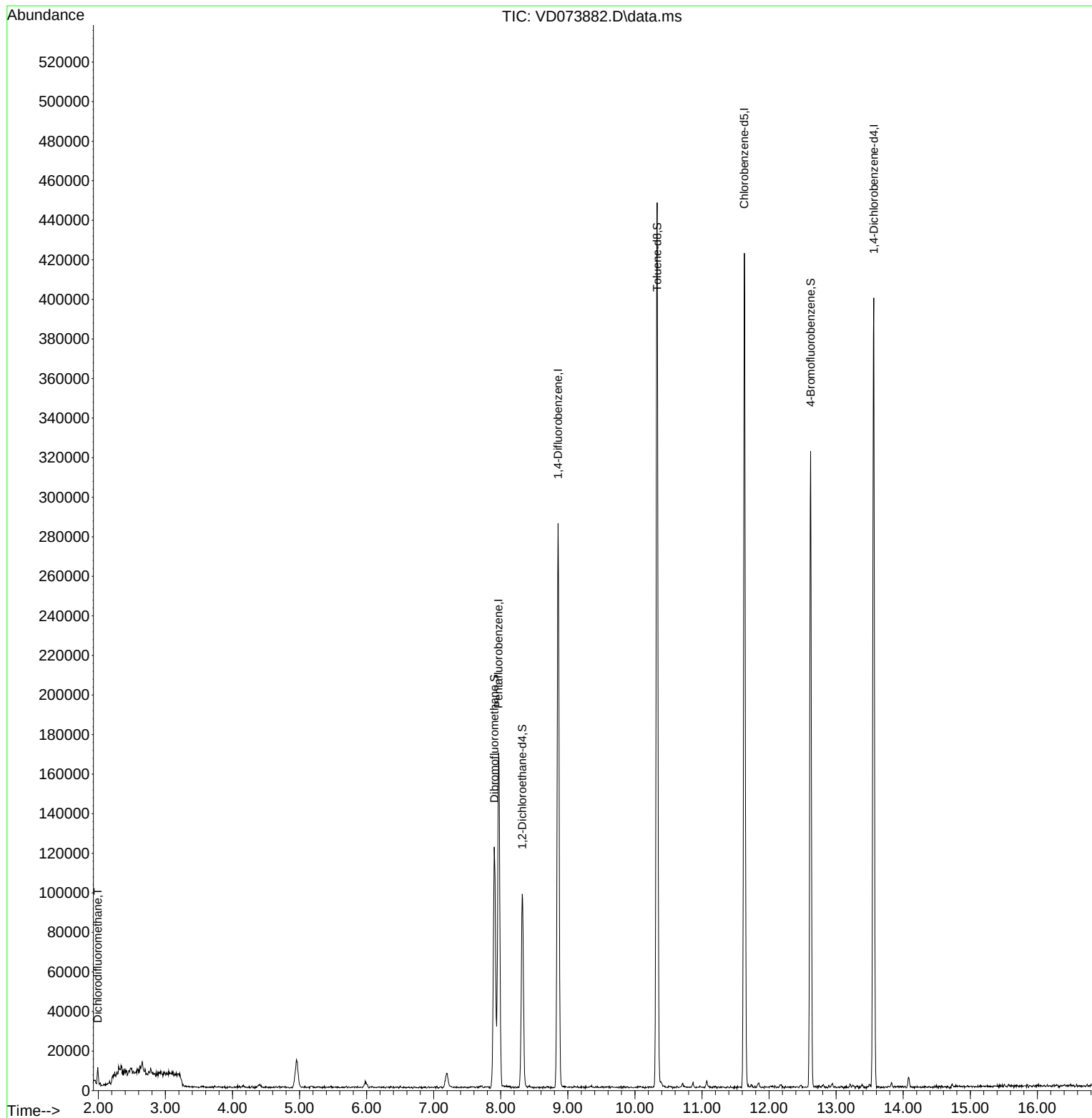
Internal Standards						
1) Pentafluorobenzene	7.967	168	119097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	244058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	232929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	104141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	77592	54.559	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.120%	
35) Dibromofluoromethane	7.903	113	82824	48.104	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.200%	
50) Toluene-d8	10.332	98	301878	48.297	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.600%	
62) 4-Bromofluorobenzene	12.620	95	100036	46.549	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	5369	2.982	ug/l	87

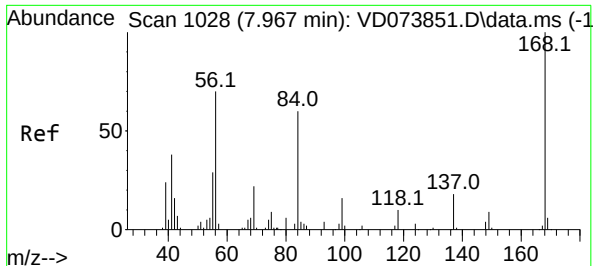
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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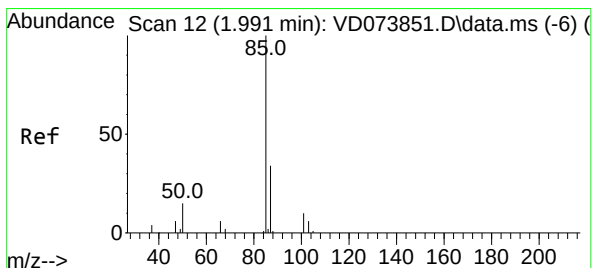
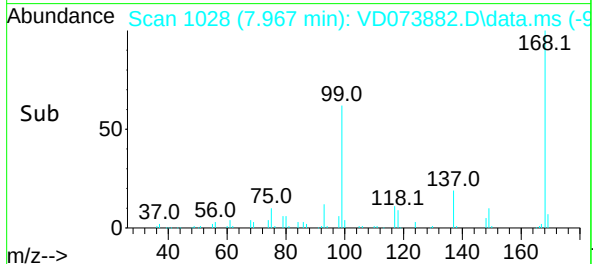
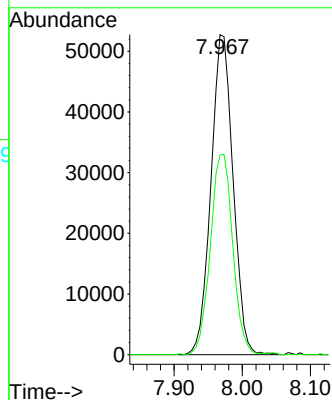
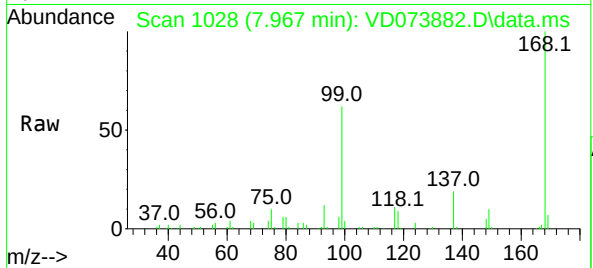




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073882.D
Acq: 20 Jul 2022 16:32

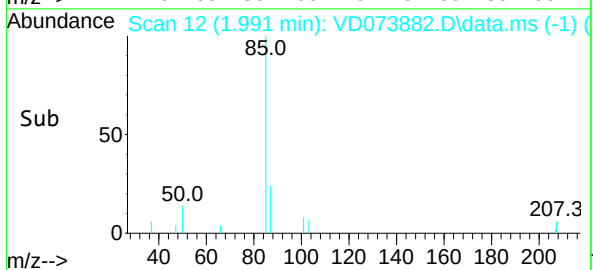
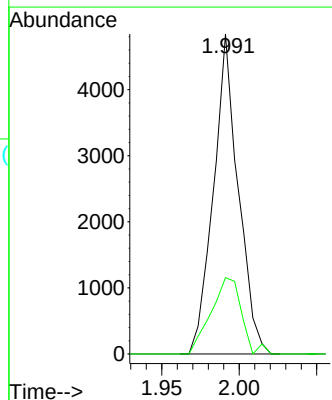
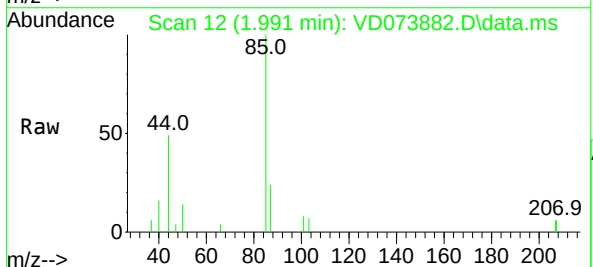
Instrument :
MSVOA_D
ClientSampleId :
SB-01-6.5-7.0

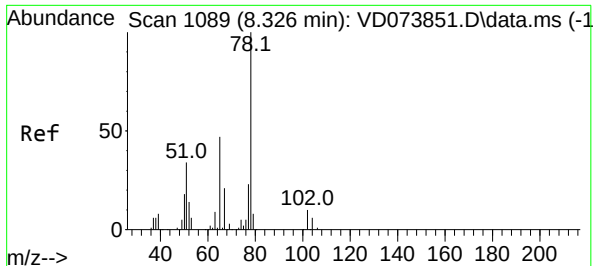
Tgt Ion:168 Resp: 119097
Ion Ratio Lower Upper
168 100
99 62.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 2.982 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073882.D
Acq: 20 Jul 2022 16:32

Tgt Ion: 85 Resp: 5369
Ion Ratio Lower Upper
85 100
87 23.8 15.7 47.0





#33

1,2-Dichloroethane-d4

Concen: 54.559 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073882.D

Acq: 20 Jul 2022 16:32

Instrument :

MSVOA_D

ClientSampleId :

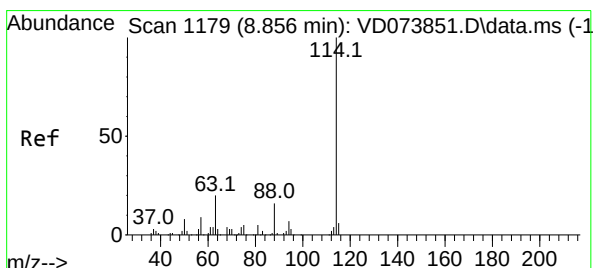
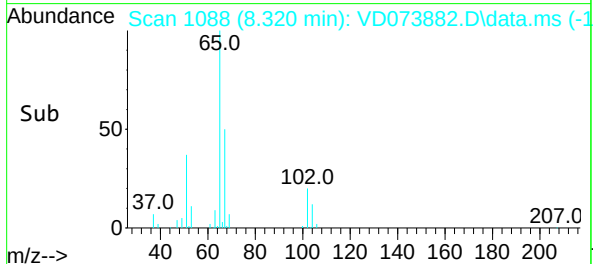
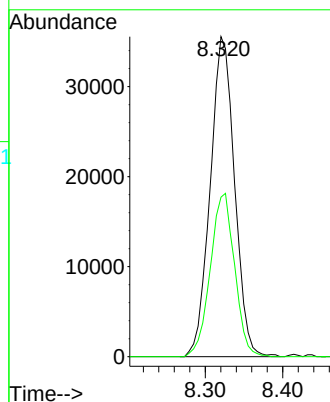
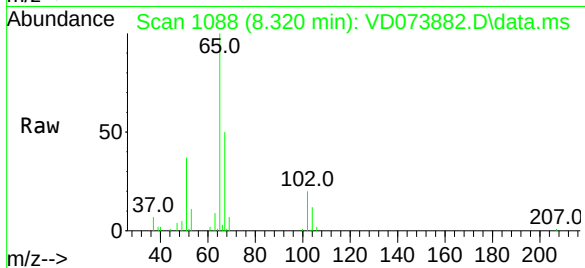
SB-01-6.5-7.0

Tgt Ion: 65 Resp: 77592

Ion Ratio Lower Upper

65 100

67 50.9 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: VD073882.D

Acq: 20 Jul 2022 16:32

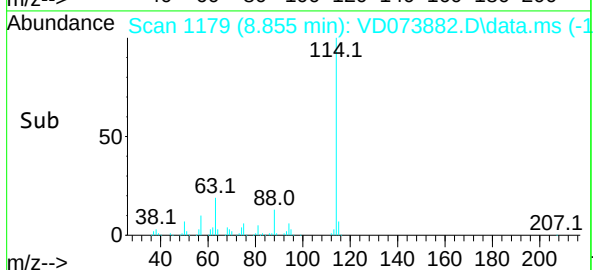
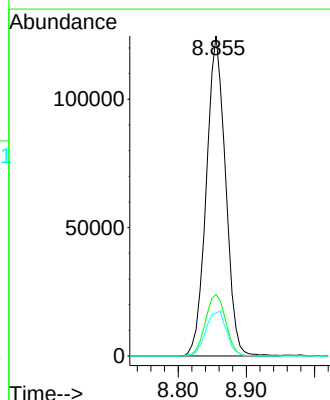
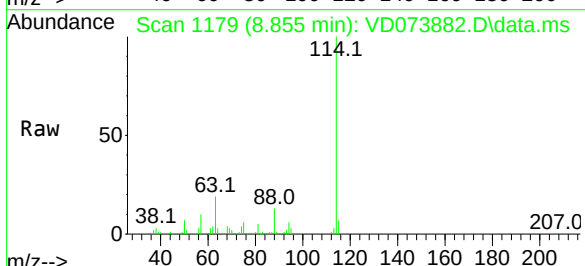
Tgt Ion: 114 Resp: 244058

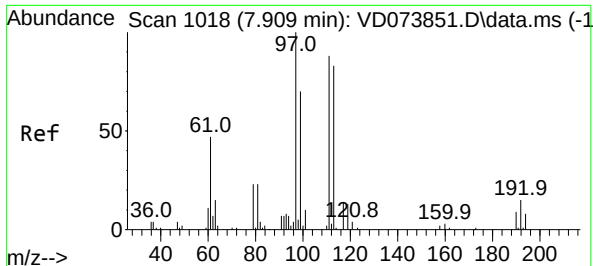
Ion Ratio Lower Upper

114 100

63 19.2 0.0 46.6

88 13.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.104 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073882.D

Acq: 20 Jul 2022 16:32

Instrument :

MSVOA_D

ClientSampleId :

SB-01-6.5-7.0

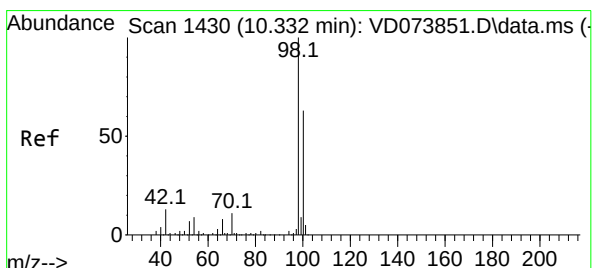
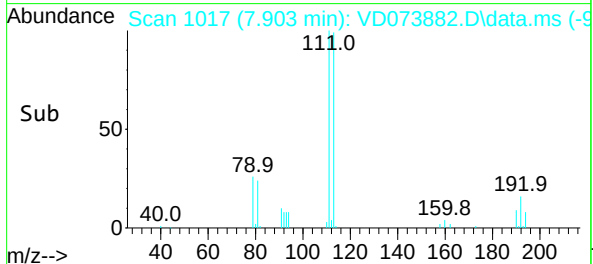
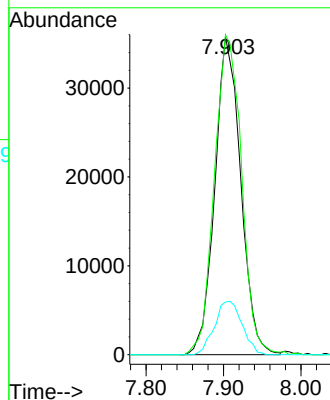
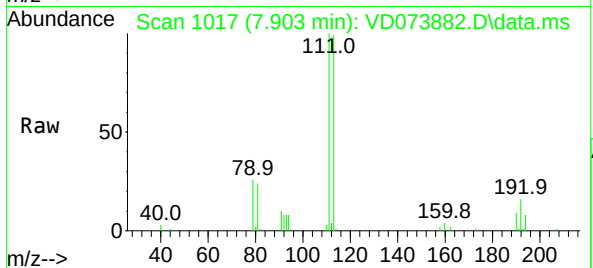
Tgt Ion:113 Resp: 82824

Ion Ratio Lower Upper

113 100

111 105.7 83.8 125.6

192 18.0 14.6 21.8



#50

Toluene-d8

Concen: 48.297 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073882.D

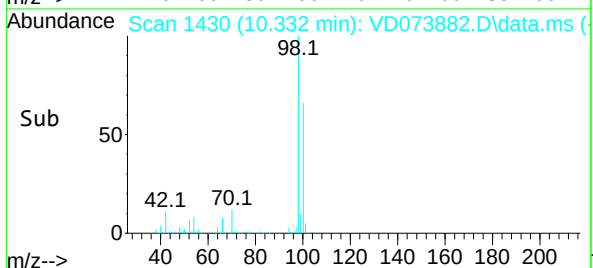
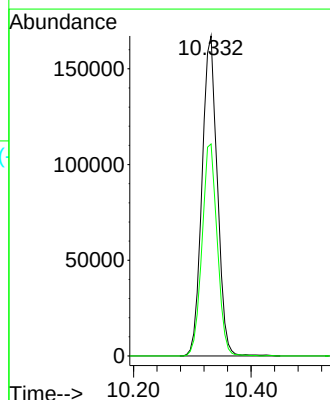
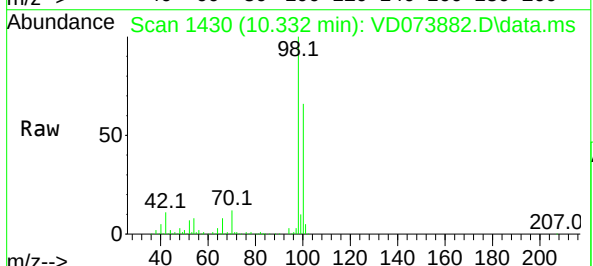
Acq: 20 Jul 2022 16:32

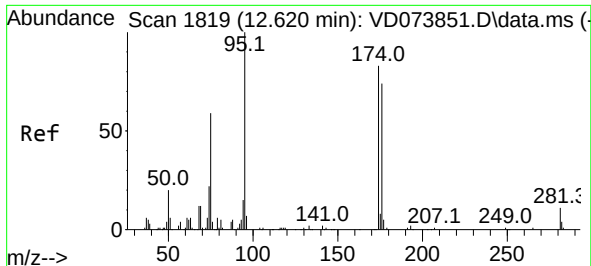
Tgt Ion: 98 Resp: 301878

Ion Ratio Lower Upper

98 100

100 66.0 52.4 78.6

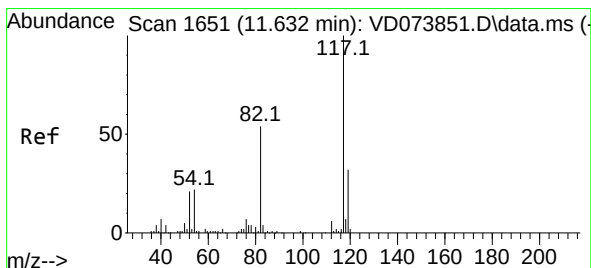
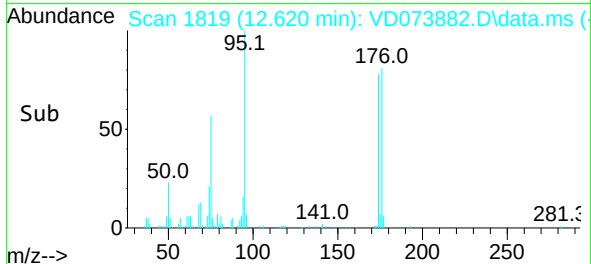
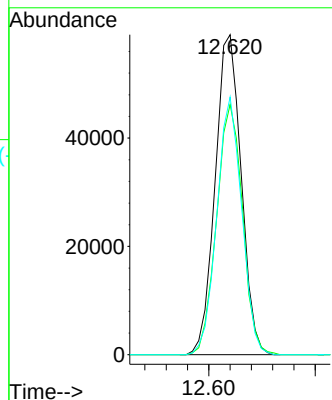
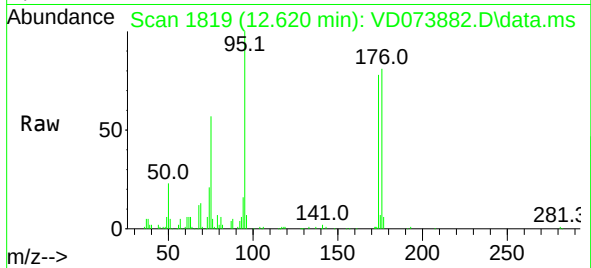




#62
4-Bromofluorobenzene
Concen: 46.549 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073882.D
Acq: 20 Jul 2022 16:32

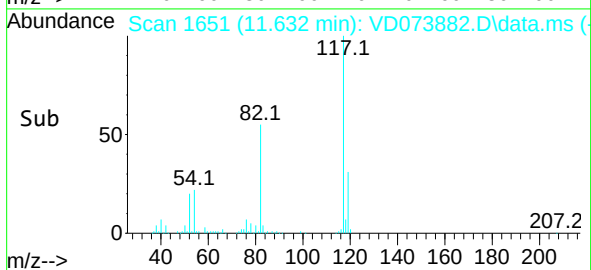
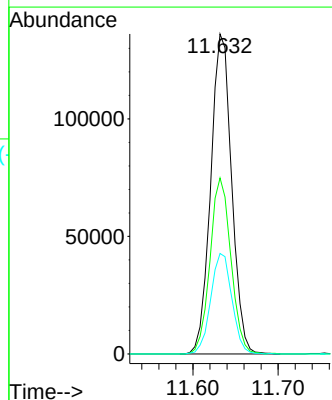
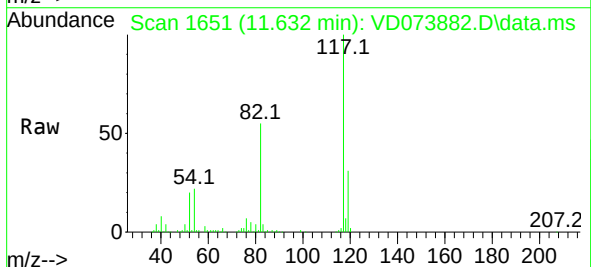
Instrument :
MSVOA_D
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SB-01-6.5-7.0

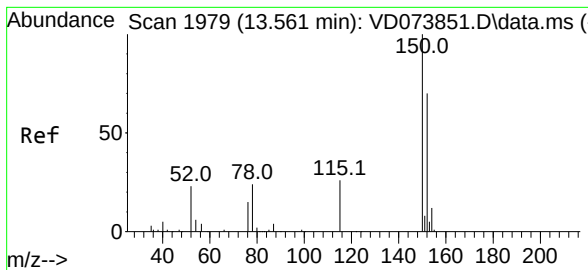
Tgt Ion: 95 Resp: 100036
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 77.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073882.D
Acq: 20 Jul 2022 16:32

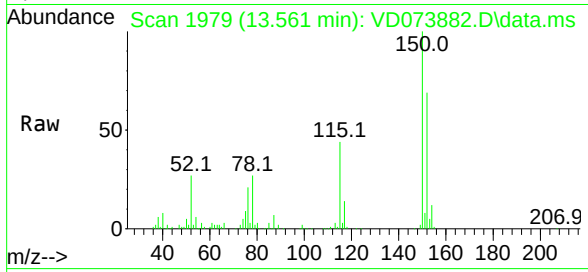
Tgt Ion: 117 Resp: 232929
Ion Ratio Lower Upper
117 100
82 55.0 45.3 67.9
119 31.4 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073882.D
 Acq: 20 Jul 2022 16:32

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-6.5-7.0



Tgt Ion:152 Resp: 104141
 Ion Ratio Lower Upper
 152 100
 115 61.7 31.3 93.8
 150 152.9 0.0 348.6

