

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071621.D
 Acq On : 05 Jan 2022 18:29
 Operator : VA/SY
 Sample : M5236-06RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-(19.5-20)RE

Quant Time: Jan 06 07:05:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	88806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	156536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	149151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	66361	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	84637	71.761	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.520%
35) Dibromofluoromethane	7.914	113	56467	53.674	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.340%
50) Toluene-d8	10.338	98	196299	49.375	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.626	95	65284	46.210	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.420%

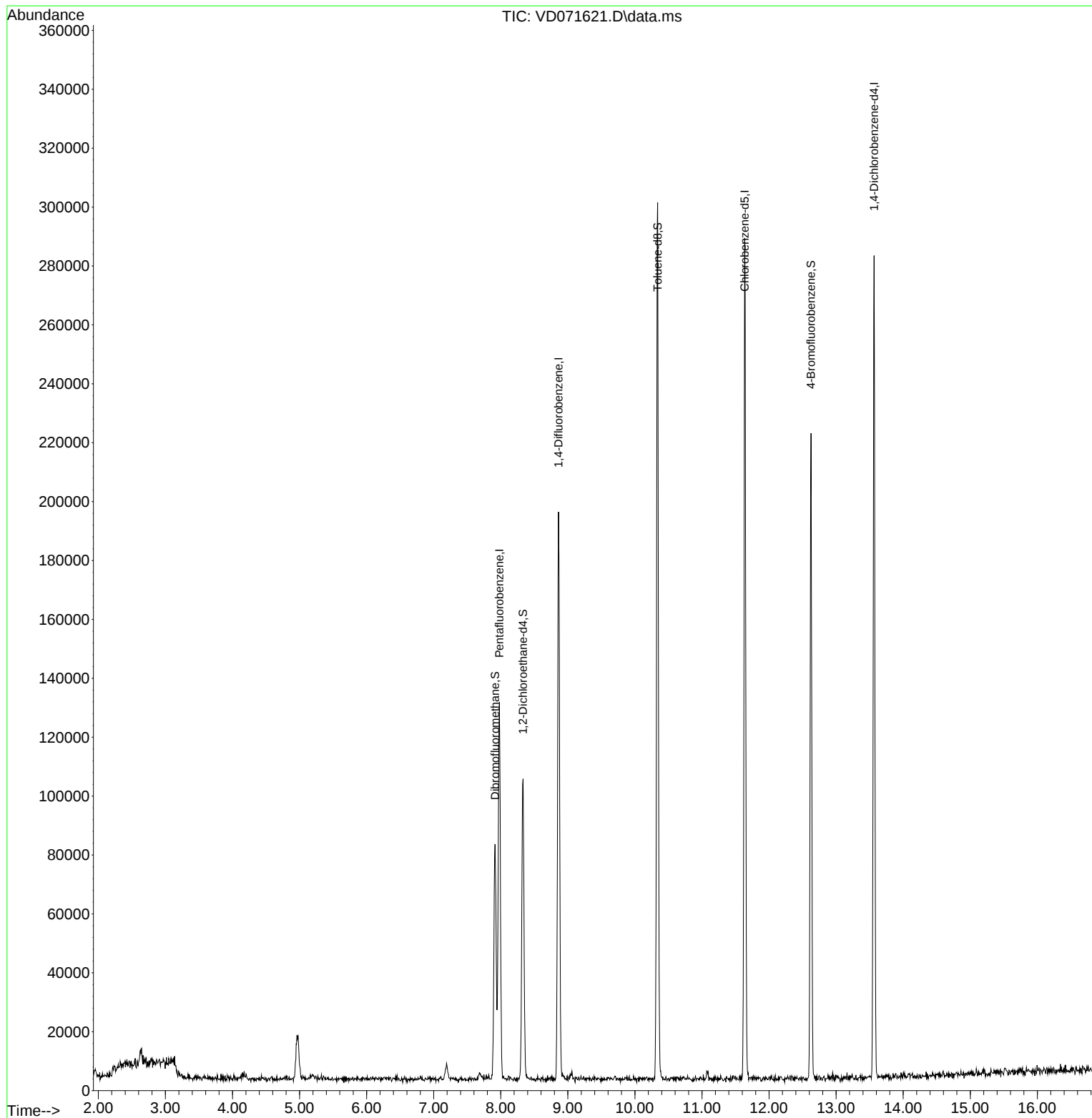
Target Compounds	Qvalue

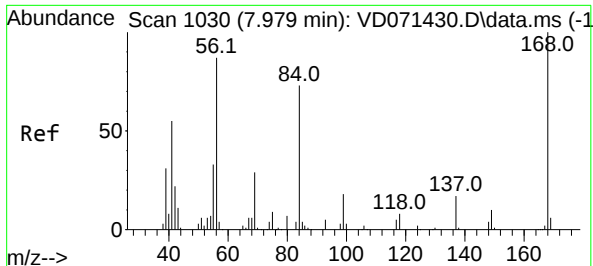
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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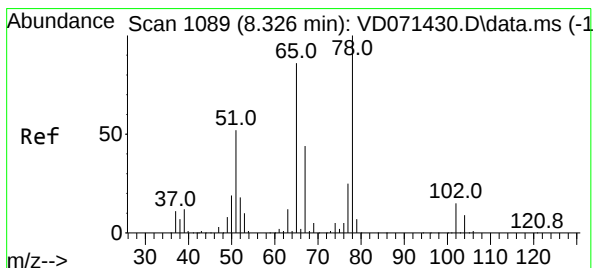
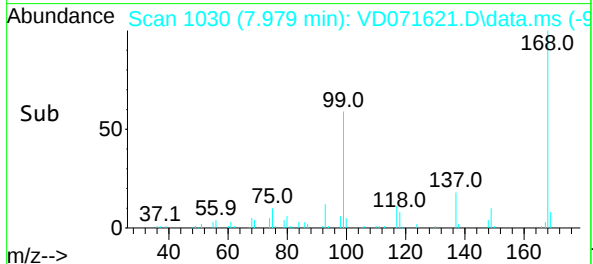
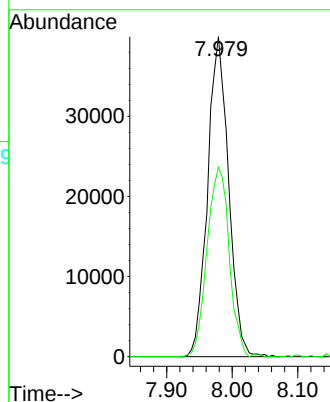
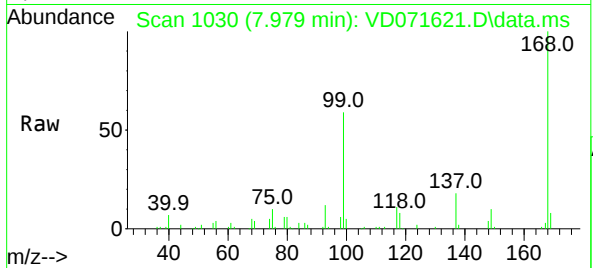




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071621.D
Acq: 05 Jan 2022 18:29

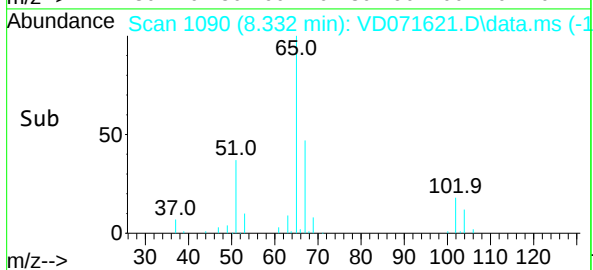
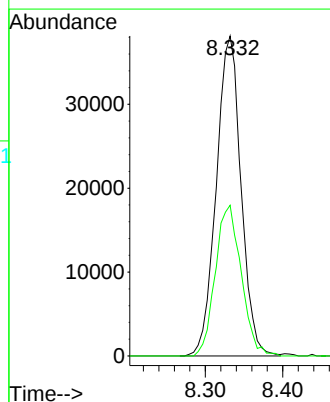
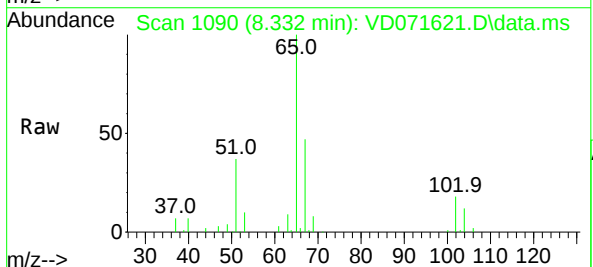
Instrument :
MSVOA_D
ClientSampleId :
SB-3-(19.5-20)RE

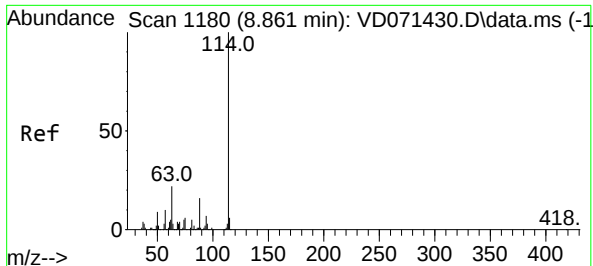
Tgt Ion:168 Resp: 88806
Ion Ratio Lower Upper
168 100
99 59.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 71.761 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071621.D
Acq: 05 Jan 2022 18:29

Tgt Ion: 65 Resp: 84637
Ion Ratio Lower Upper
65 100
67 49.3 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071621.D

Acq: 05 Jan 2022 18:29

Instrument :

MSVOA_D

ClientSampleId :

SB-3-(19.5-20)RE

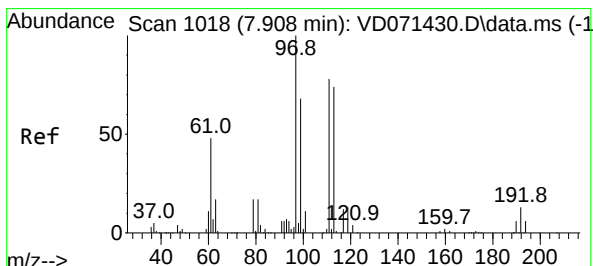
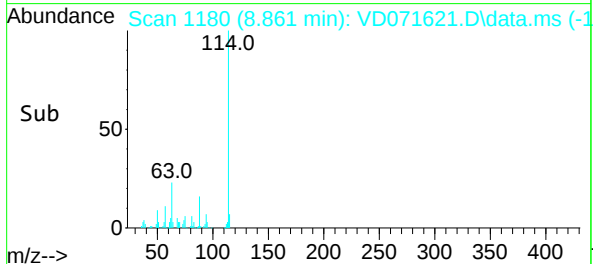
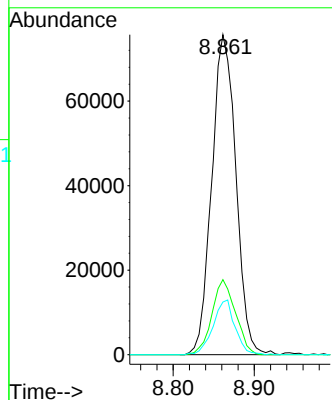
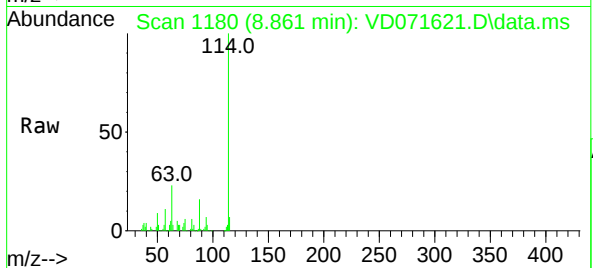
Tgt Ion:114 Resp: 156536

Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.8

88 16.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 53.674 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071621.D

Acq: 05 Jan 2022 18:29

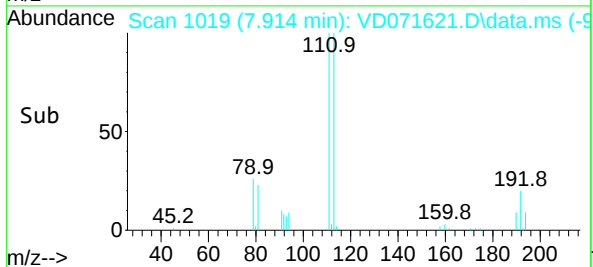
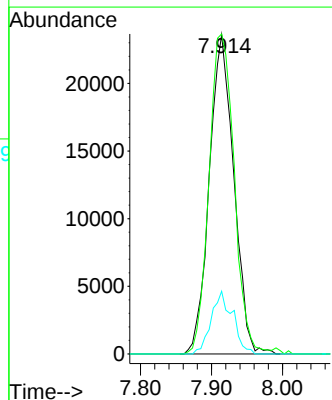
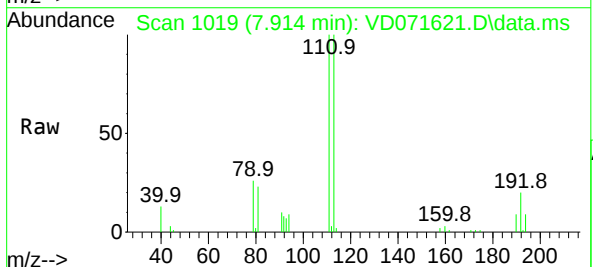
Tgt Ion:113 Resp: 56467

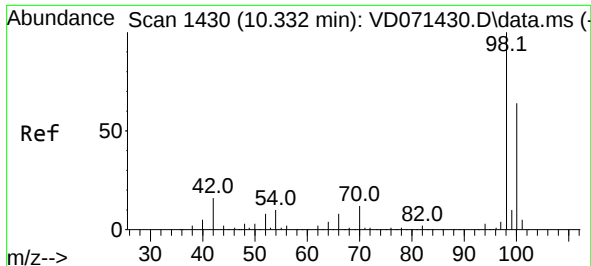
Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

192 17.3 15.2 22.8

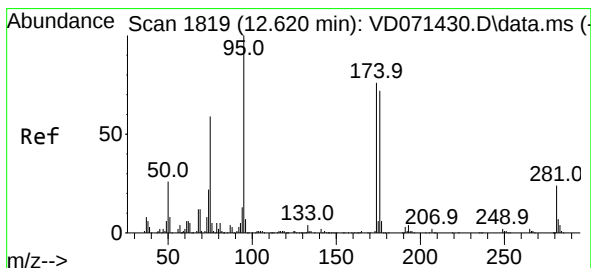
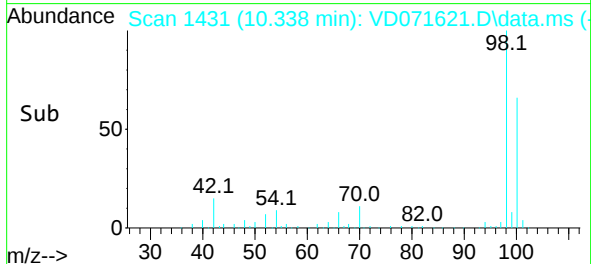
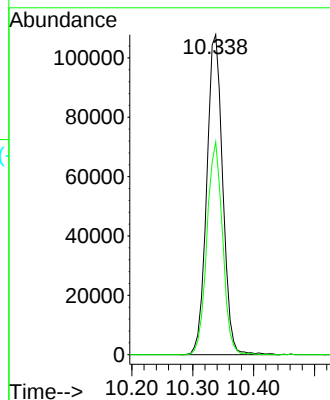
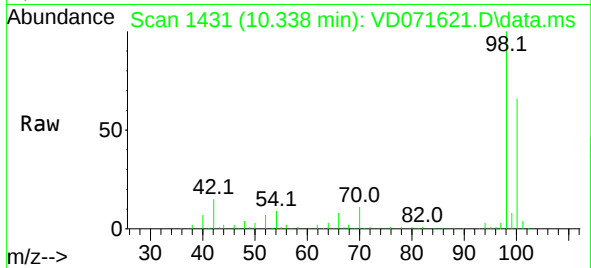




#50
Toluene-d8
Concen: 49.375 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071621.D
Acq: 05 Jan 2022 18:29

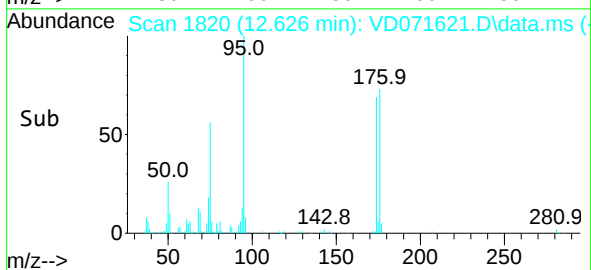
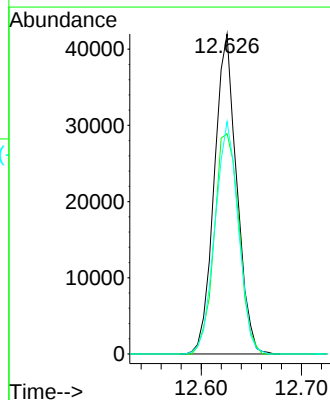
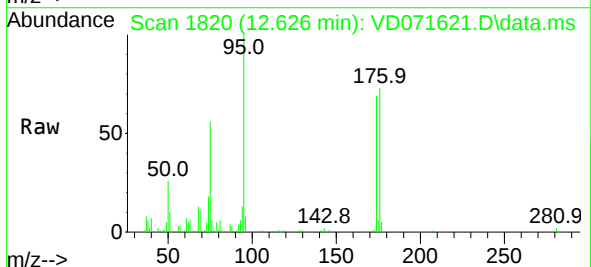
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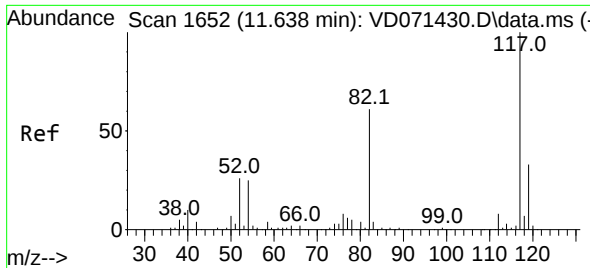
Tgt Ion: 98 Resp: 196299
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 46.210 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071621.D
Acq: 05 Jan 2022 18:29

Tgt Ion: 95 Resp: 65284
Ion Ratio Lower Upper
95 100
174 75.9 0.0 159.4
176 75.5 0.0 154.0

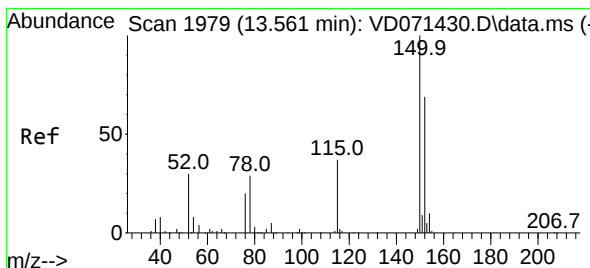
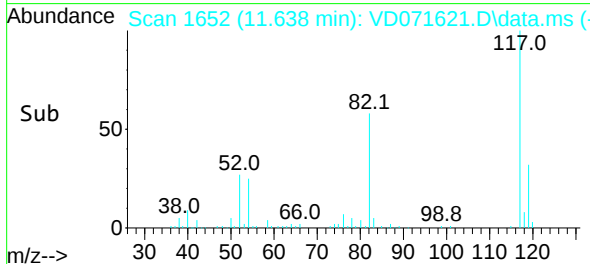
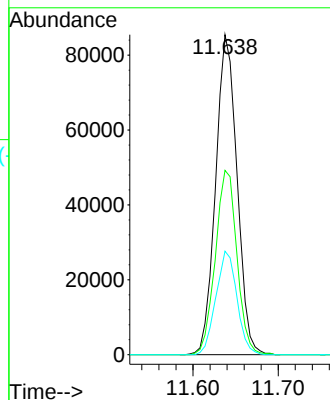
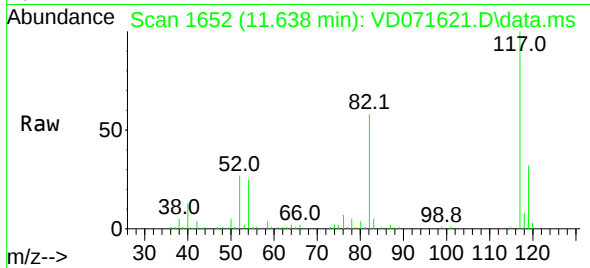




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071621.D
Acq: 05 Jan 2022 18:29

Instrument :
MSVOA_D
ClientSampleId :
SB-3-(19.5-20)RE

Tgt Ion:117	Resp:	149151
Ion	Ratio	Lower Upper
117	100	
82	57.6	44.7 67.1
119	32.3	26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071621.D
Acq: 05 Jan 2022 18:29

Tgt Ion:152	Resp:	66361
Ion	Ratio	Lower Upper
152	100	
115	64.3	29.8 89.3
150	163.0	0.0 349.2

