

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071512.D
 Acq On : 28 Dec 2021 19:28
 Operator : VA/SY
 Sample : M5236-08
 Misc : 6.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5

Quant Time: Dec 28 20:43:10 2021
 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	367925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	654314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	618281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	276902	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	228230	46.708	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.420%
35) Dibromofluoromethane	7.914	113	208727	47.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.920%
50) Toluene-d8	10.338	98	823459	49.551	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.100%
62) 4-Bromofluorobenzene	12.626	95	282165	47.782	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.560%

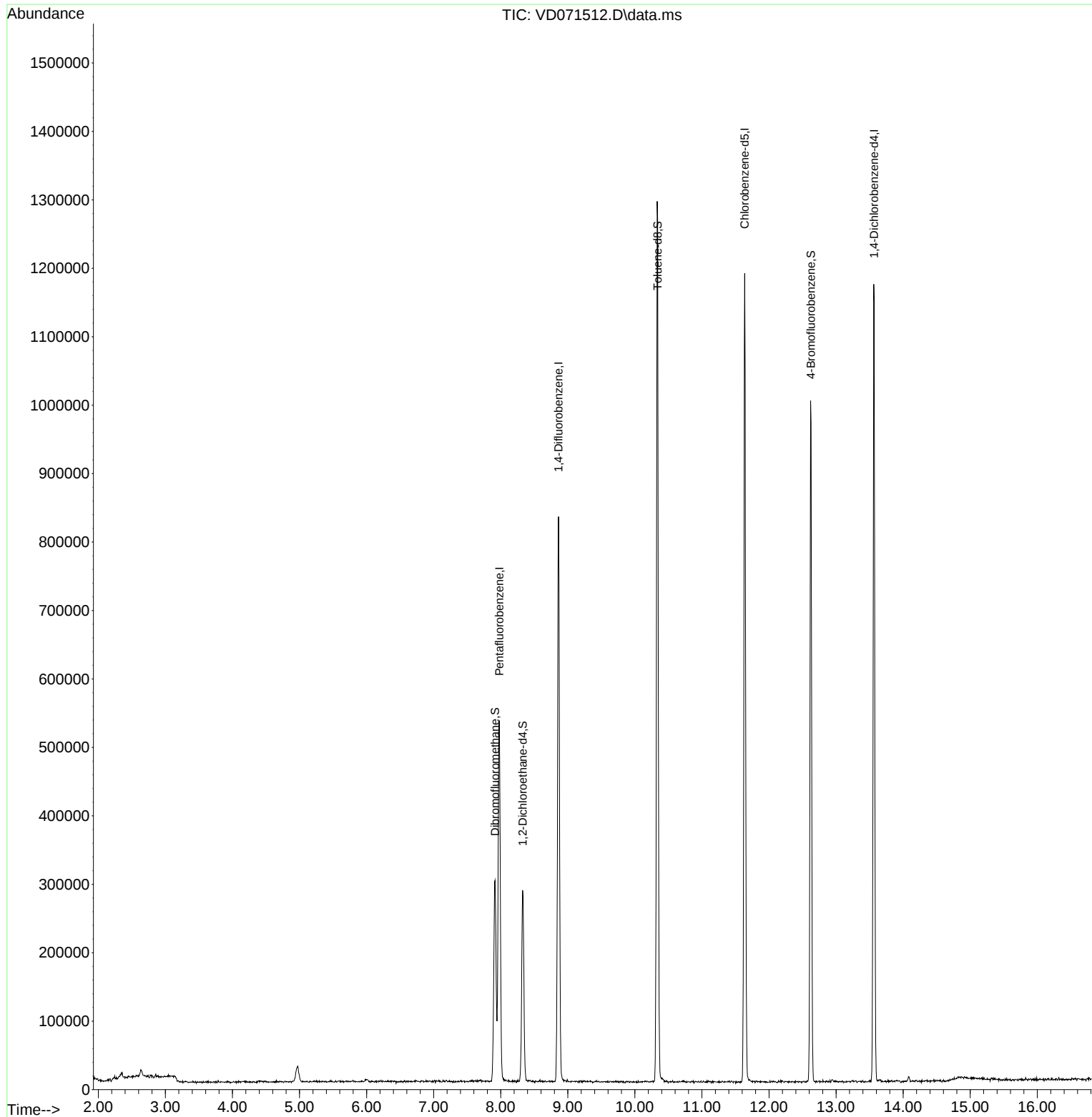
Target Compounds	Qvalue

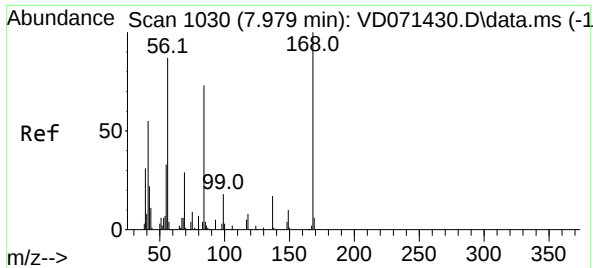
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VD071512.D

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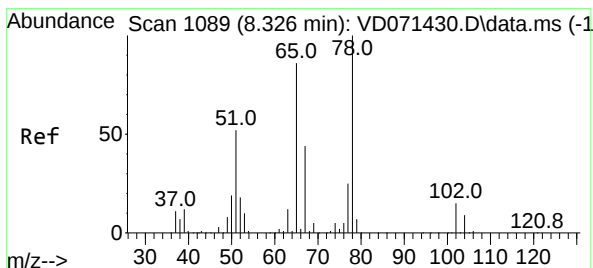
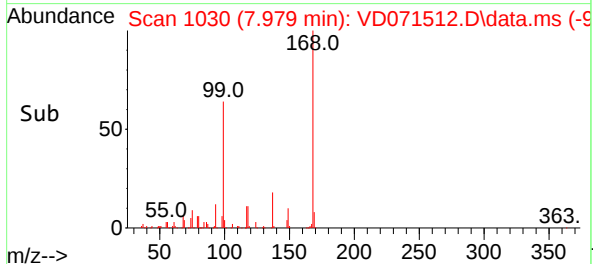
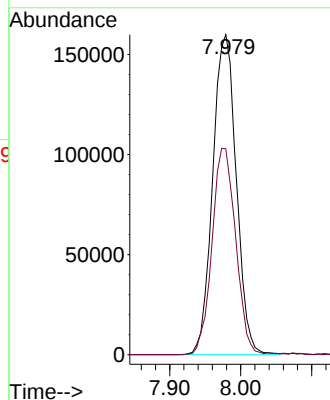
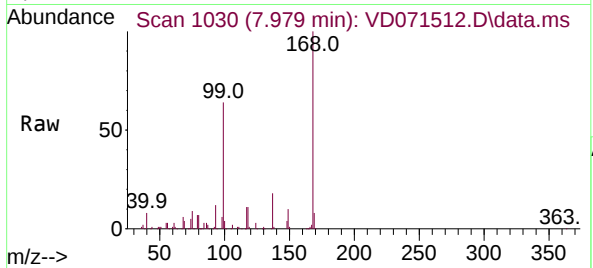
SB-5

Tgt Ion:168 Resp: 367925

Ion Ratio Lower Upper

168 100

99 64.4 46.6 69.8



1,2-Dichloroethane-d4

Concen: 46.708 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071512.D

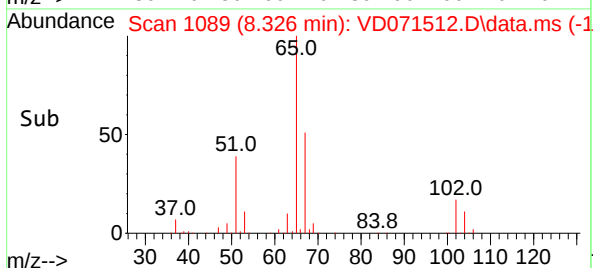
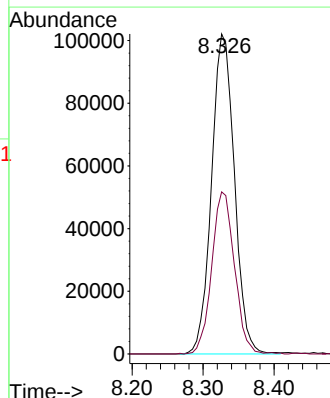
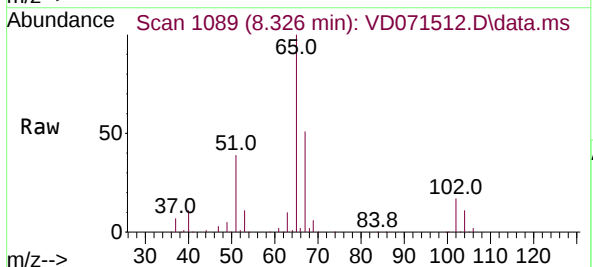
Acq: 28 Dec 2021 19:28

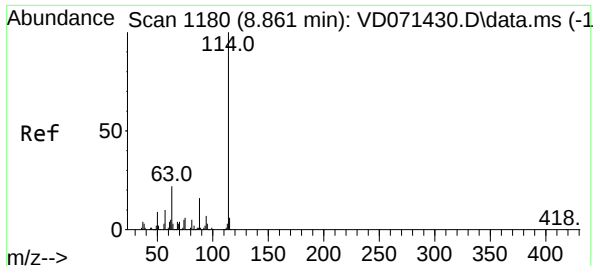
Tgt Ion: 65 Resp: 228230

Ion Ratio Lower Upper

65 100

67 50.4 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: VD071512.D

Acq: 28 Dec 2021 19:28

Instrument :

MSVOA_D

ClientSampleId :

SB-5

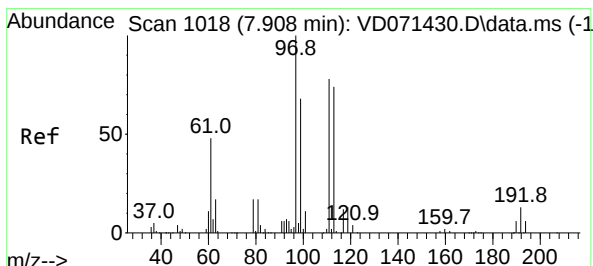
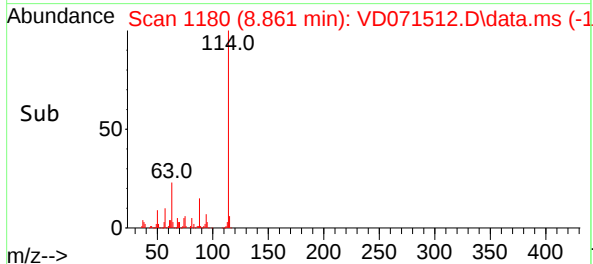
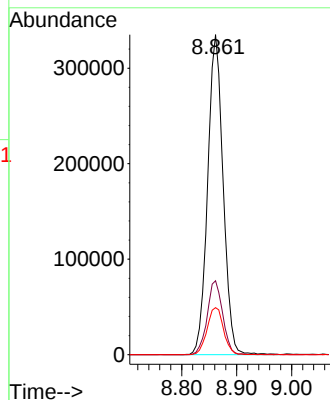
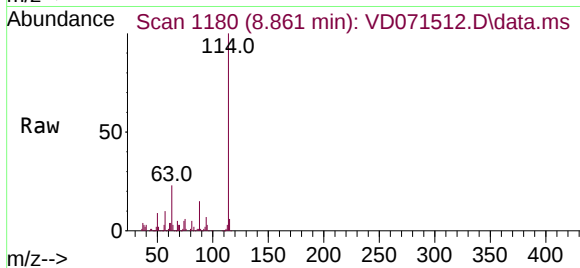
Tgt Ion:114 Resp: 654314

Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.8

88 14.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 47.465 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071512.D

Acq: 28 Dec 2021 19:28

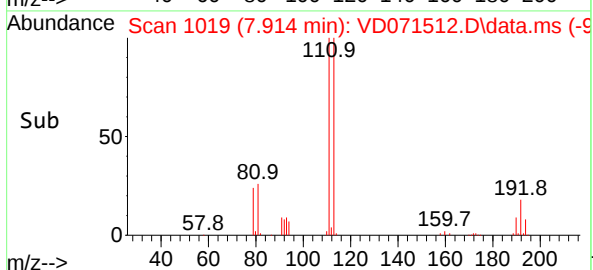
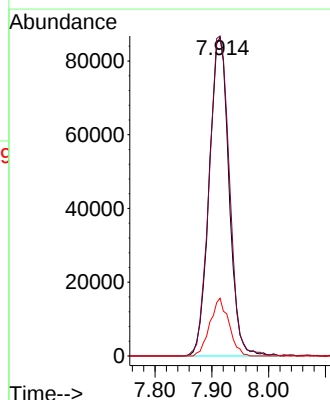
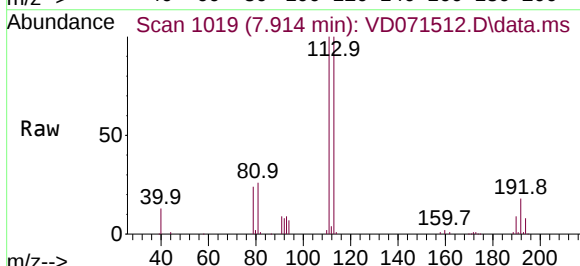
Tgt Ion:113 Resp: 208727

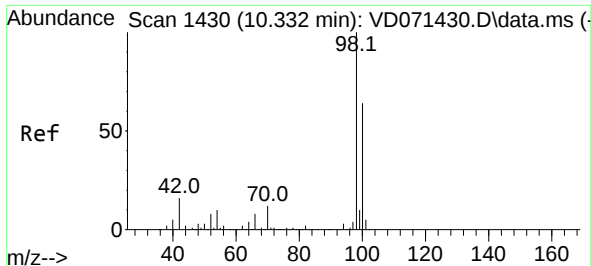
Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

192 17.3 15.2 22.8

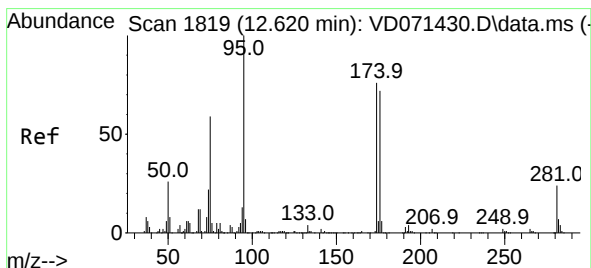
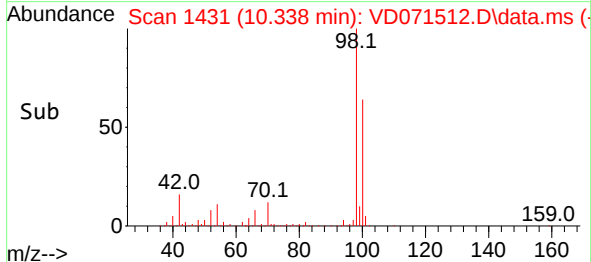
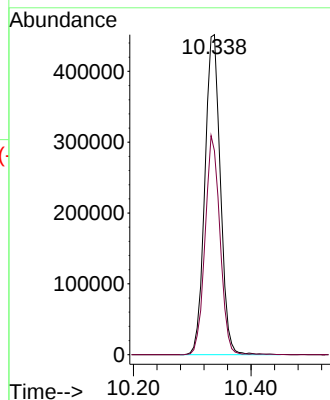
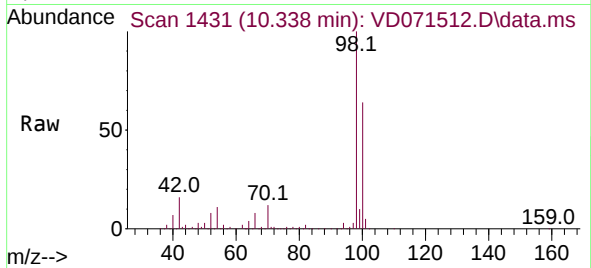




#50
Toluene-d8
Concen: 49.551 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071512.D
Acq: 28 Dec 2021 19:28

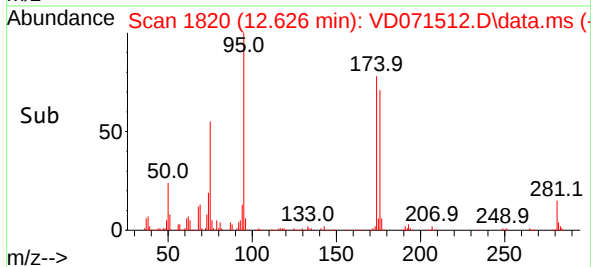
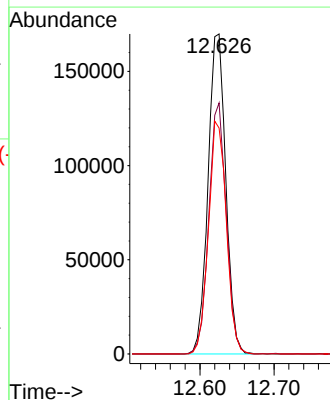
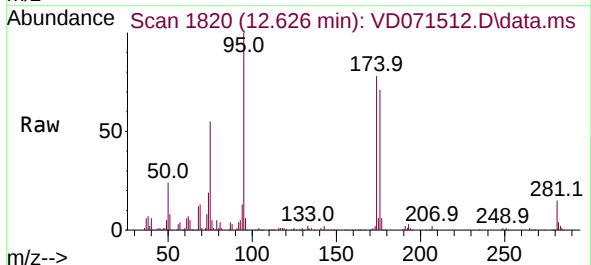
Instrument :
MSVOA_D
ClientSampleId :
SB-5

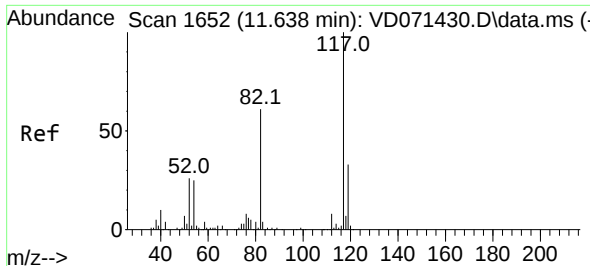
Tgt Ion: 98 Resp: 823459
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.782 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071512.D
Acq: 28 Dec 2021 19:28

Tgt Ion: 95 Resp: 282165
Ion Ratio Lower Upper
95 100
174 77.1 0.0 159.4
176 73.4 0.0 154.0

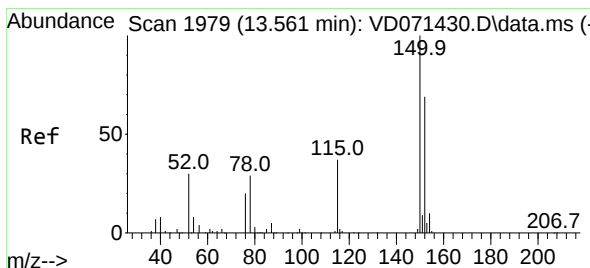
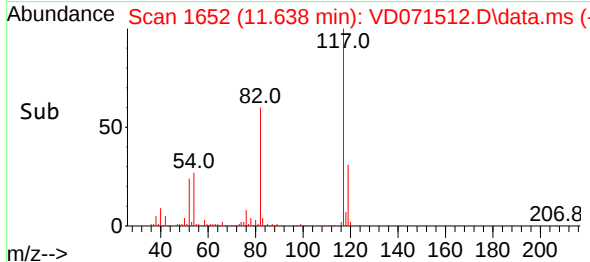
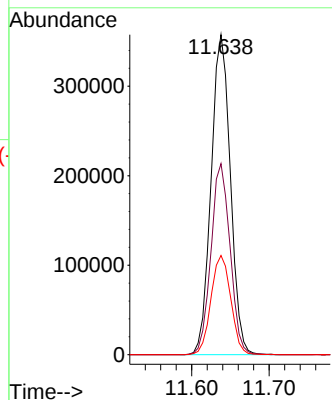
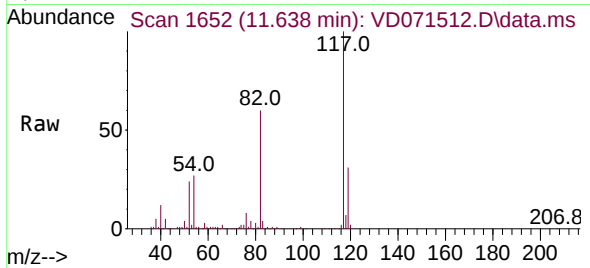




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071512.D
Acq: 28 Dec 2021 19:28

Instrument :
MSVOA_D
ClientSampleId :
SB-5

Tgt Ion:117 Resp: 618281
Ion Ratio Lower Upper
117 100
82 59.7 44.7 67.1
119 31.0 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: VD071512.D
Acq: 28 Dec 2021 19:28

Tgt Ion:152 Resp: 276902
Ion Ratio Lower Upper
152 100
115 60.6 29.8 89.3
150 158.0 0.0 349.2

