

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
 Data File : VD071412.D
 Acq On : 21 Dec 2021 15:57
 Operator : VA/SY
 Sample : M5184-02
 Misc : 5.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2

Quant Time: Dec 21 19:08:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

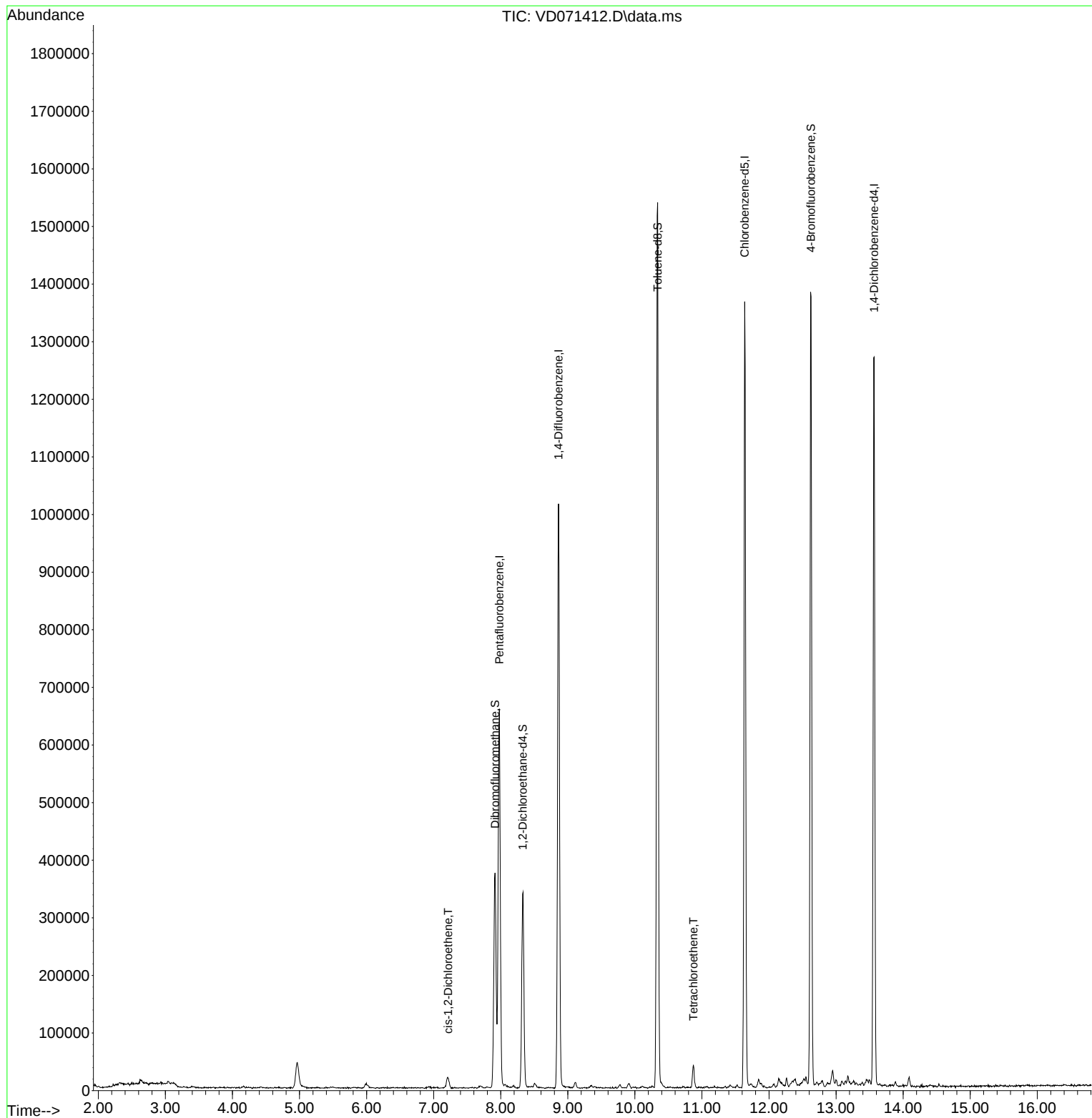
Internal Standards						
1) Pentafluorobenzene	7.979	168	451888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	815348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	721167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	317045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	267755	50.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.000%
35) Dibromofluoromethane	7.914	113	262267	50.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.020%
50) Toluene-d8	10.338	98	1027271	51.992	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.980%
62) 4-Bromofluorobenzene	12.626	95	334310	48.812	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.620%
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	7.215	96	9450	1.769	ug/l	93
64) Tetrachloroethene	10.873	164	7976	1.742	ug/l #	80

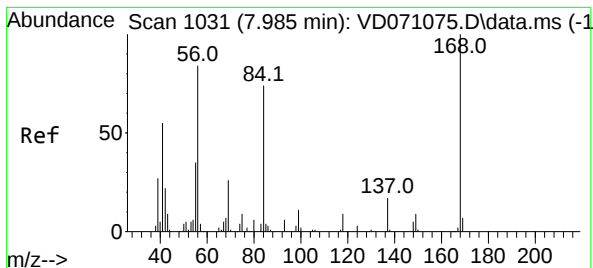
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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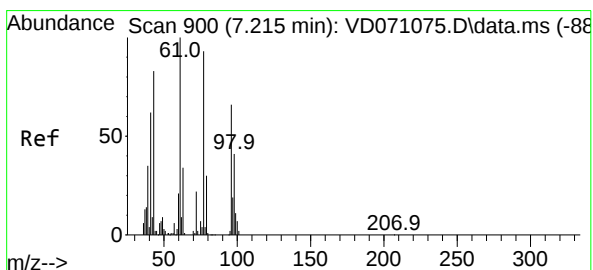
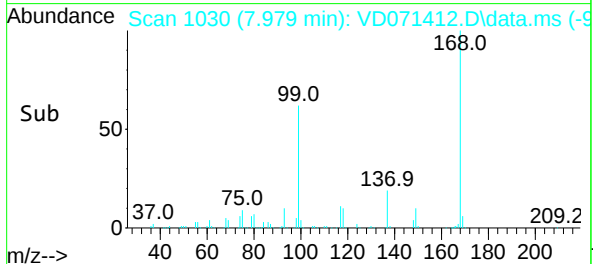
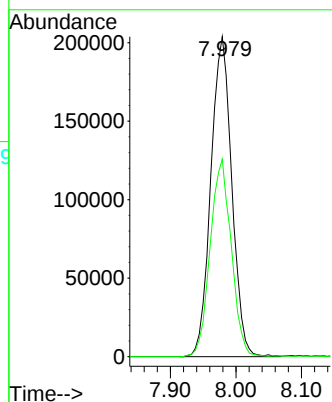
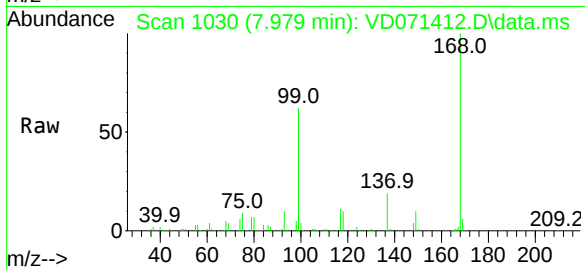




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071412.D
Acq: 21 Dec 2021 15:57

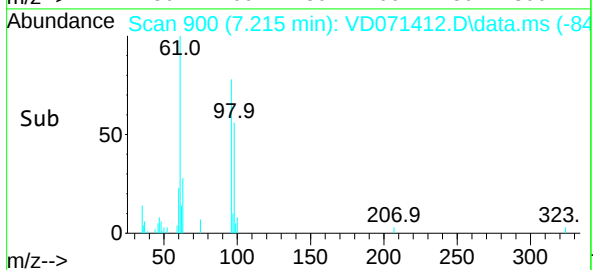
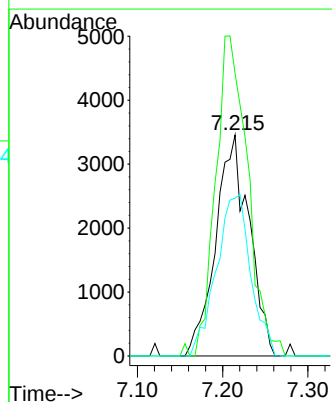
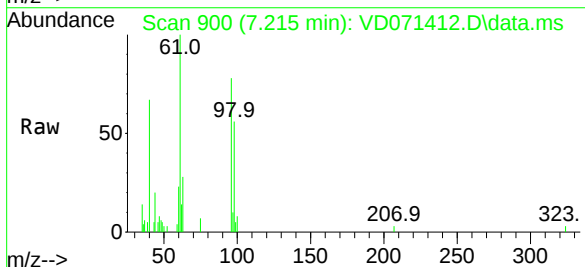
Instrument :
MSVOA_D
ClientSampleId :
SB-2

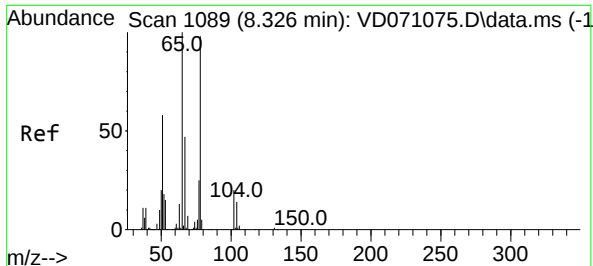
Tgt Ion:168 Resp: 451888
Ion Ratio Lower Upper
168 100
99 61.8 46.6 69.8



#27
cis-1,2-Dichloroethene
Concen: 1.769 ug/l
RT: 7.215 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD071412.D
Acq: 21 Dec 2021 15:57

Tgt Ion: 96 Resp: 9450
Ion Ratio Lower Upper
96 100
61 138.8 0.0 288.6
98 74.8 0.0 129.2





#33

1,2-Dichloroethane-d4

Concen: 50.497 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD071412.D

Acq: 21 Dec 2021 15:57

Instrument :

MSVOA_D

ClientSampleId :

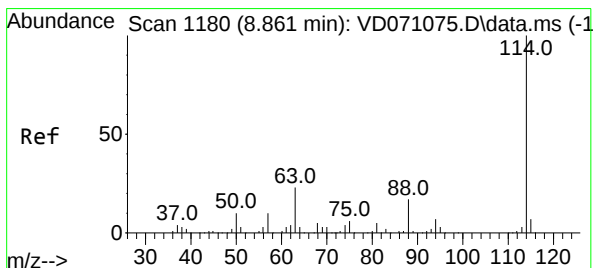
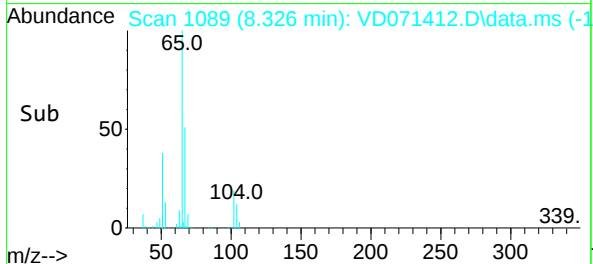
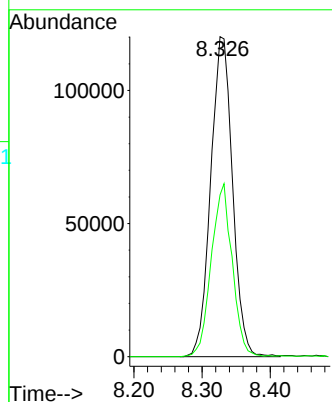
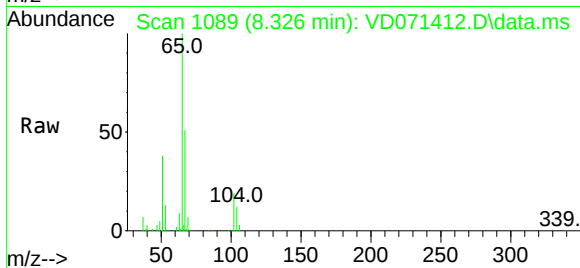
SB-2

Tgt Ion: 65 Resp: 267755

Ion Ratio Lower Upper

65 100

67 51.9 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: VD071412.D

Acq: 21 Dec 2021 15:57

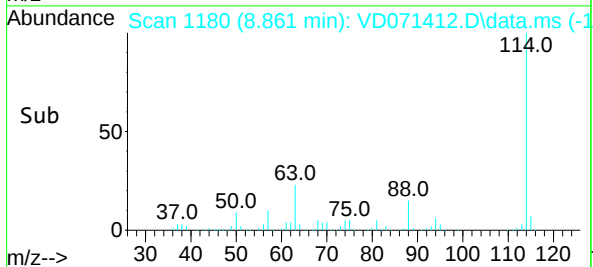
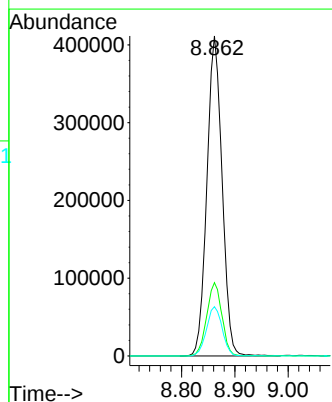
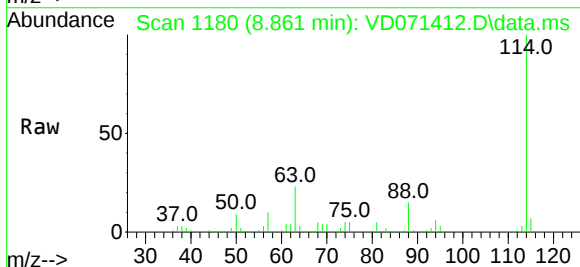
Tgt Ion: 114 Resp: 815348

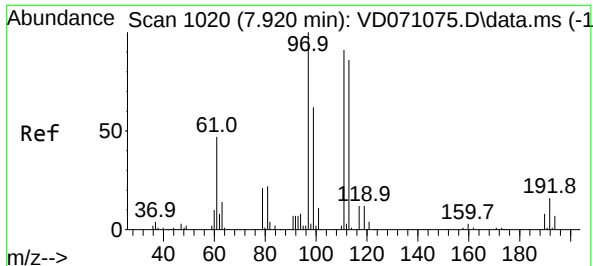
Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.8

88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.513 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071412.D

Acq: 21 Dec 2021 15:57

Instrument :

MSVOA_D

ClientSampleId :

SB-2

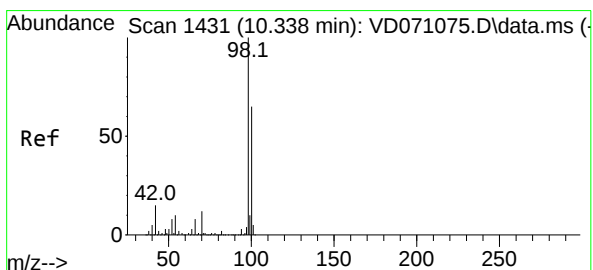
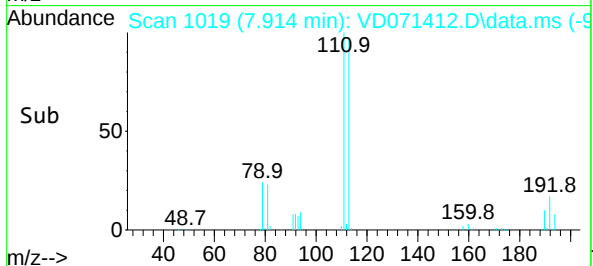
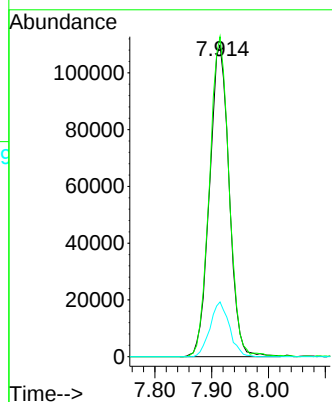
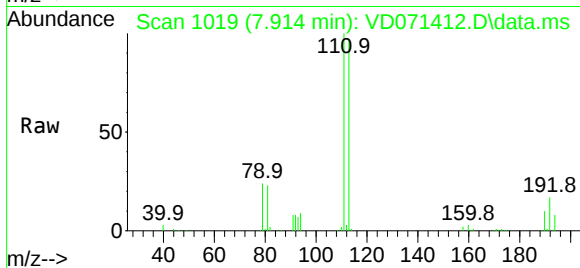
Tgt Ion:113 Resp: 262267

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

192 17.3 15.2 22.8



#50

Toluene-d8

Concen: 51.992 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071412.D

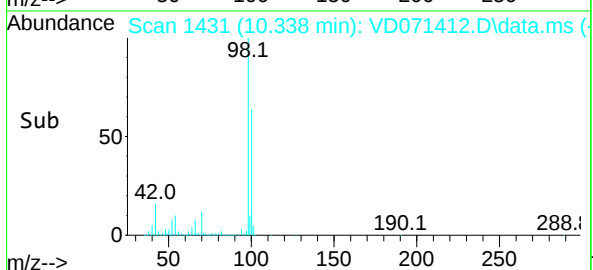
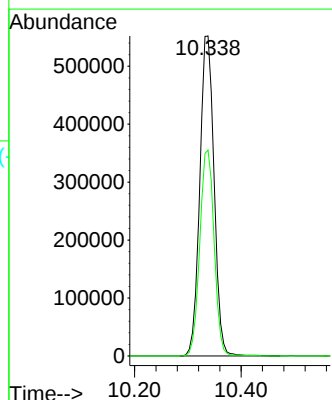
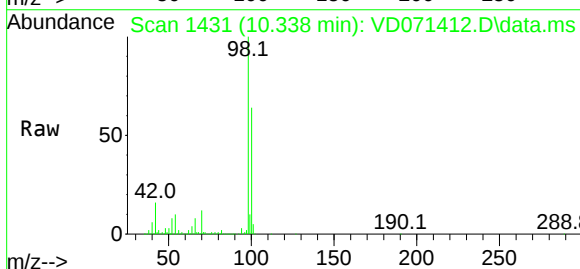
Acq: 21 Dec 2021 15:57

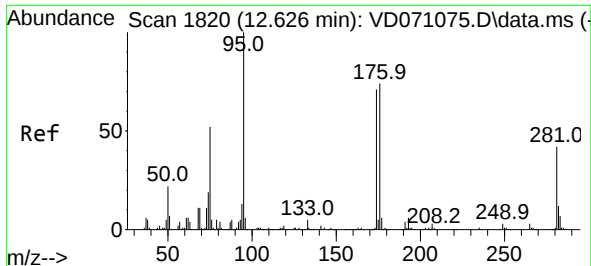
Tgt Ion: 98 Resp: 1027271

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.6

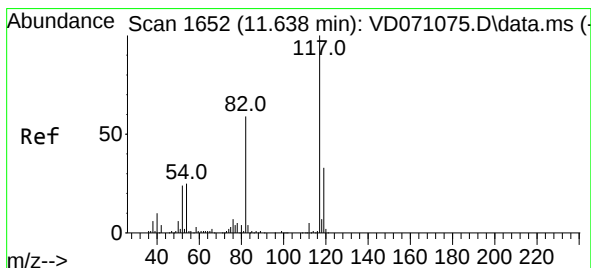
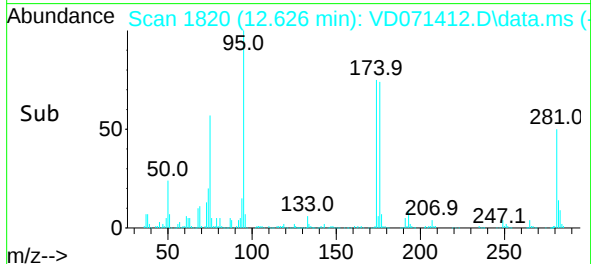
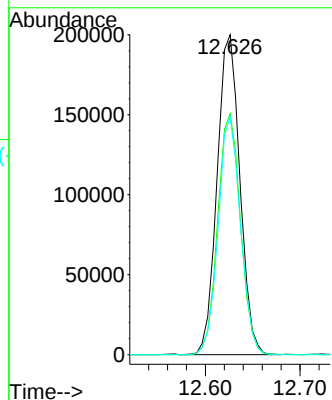
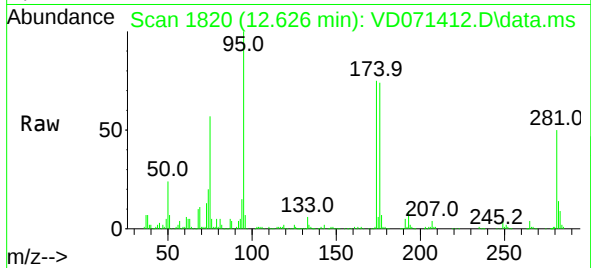




#62
4-Bromofluorobenzene
Concen: 48.812 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071412.D
Acq: 21 Dec 2021 15:57

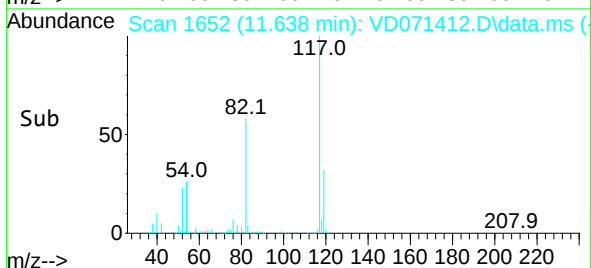
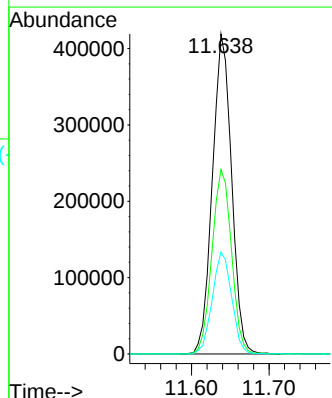
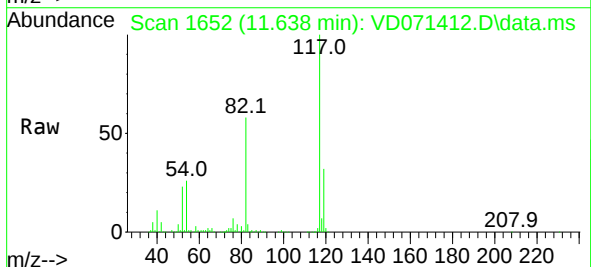
Instrument :
MSVOA_D
ClientSampleId :
SB-2

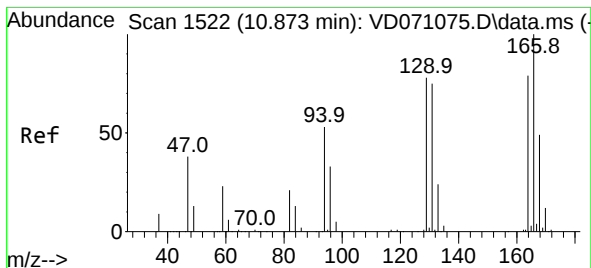
Tgt Ion: 95 Resp: 334310
Ion Ratio Lower Upper
95 100
174 75.4 0.0 159.4
176 72.7 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071412.D
Acq: 21 Dec 2021 15:57

Tgt Ion: 117 Resp: 721167
Ion Ratio Lower Upper
117 100
82 57.6 44.7 67.1
119 31.9 26.2 39.4





#64

Tetrachloroethene

Concen: 1.742 ug/l

RT: 10.873 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071412.D

Acq: 21 Dec 2021 15:57

Instrument :

MSVOA_D

ClientSampleId :

SB-2

Tgt Ion:164 Resp: 7976

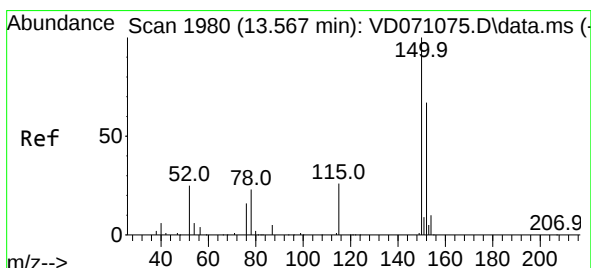
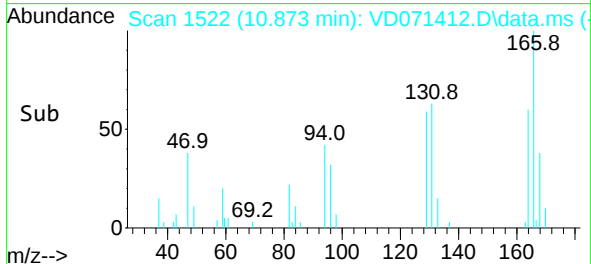
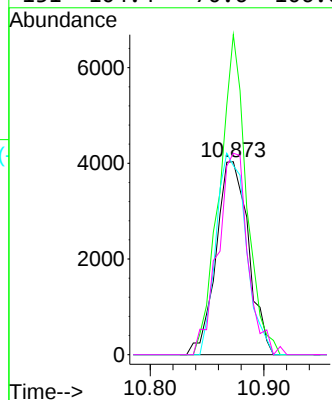
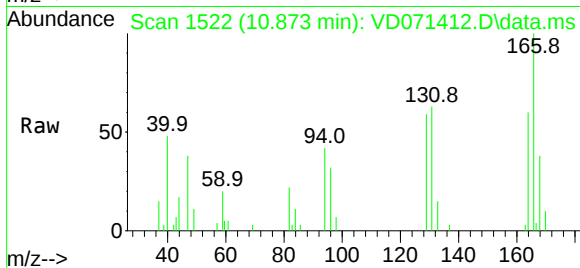
Ion Ratio Lower Upper

164 100

166 165.9 102.6 153.8#

129 98.0 75.4 113.0

131 104.4 70.6 106.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.000 min

Lab File: VD071412.D

Acq: 21 Dec 2021 15:57

Tgt Ion:152 Resp: 317045

Ion Ratio Lower Upper

152 100

115 61.1 29.8 89.3

150 160.2 0.0 349.2

