

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
 Data File : VD071411.D
 Acq On : 21 Dec 2021 15:29
 Operator : VA/SY
 Sample : M5184-01
 Misc : 5.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1

Quant Time: Dec 21 19:08:17 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)

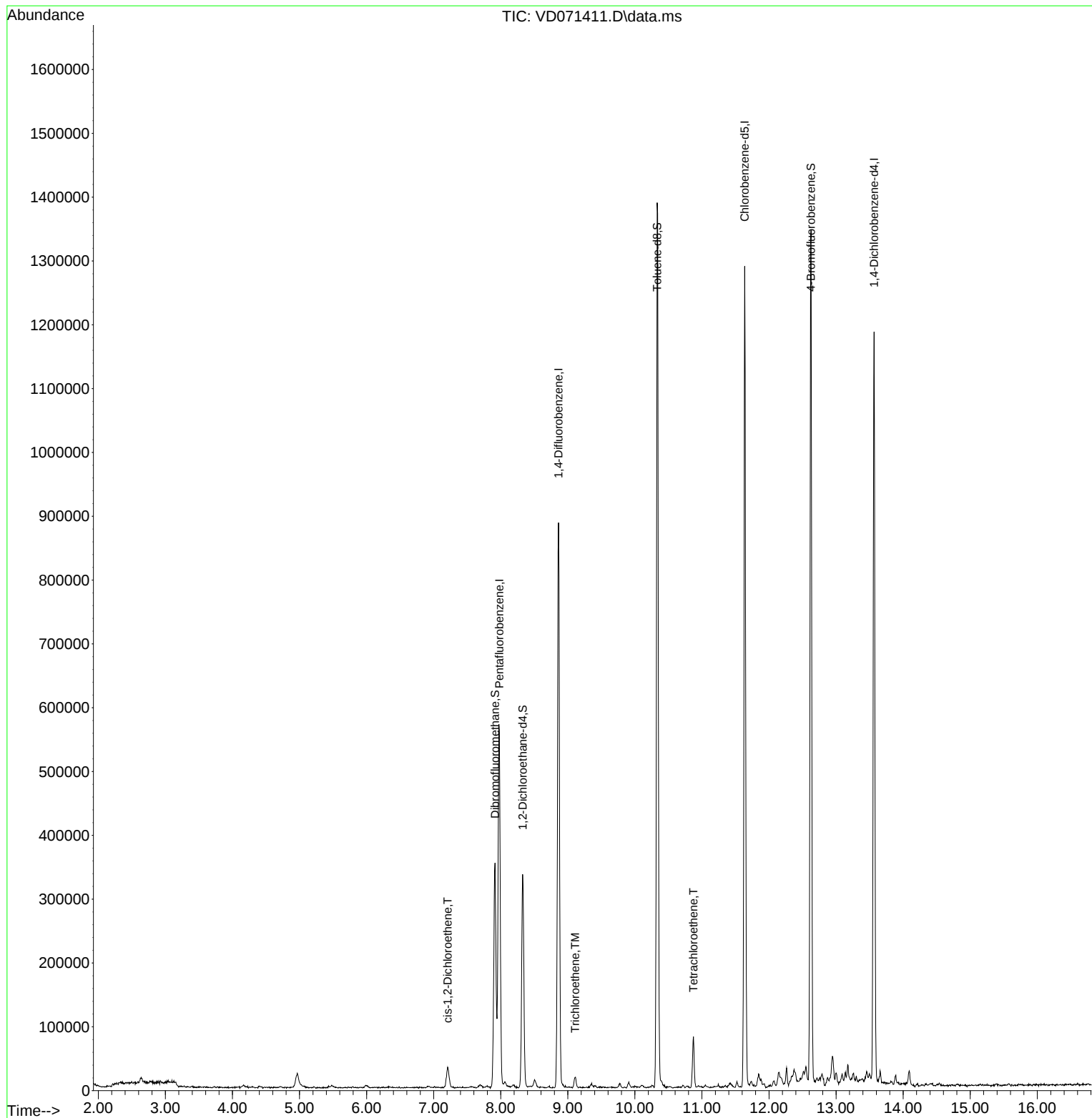
Internal Standards						
1) Pentafluorobenzene	7.979	168	395817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	723385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	654523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	290728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	262747	56.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.140%
35) Dibromofluoromethane	7.914	113	238157	51.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.400%
50) Toluene-d8	10.332	98	921651	52.576	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.160%
62) 4-Bromofluorobenzene	12.626	95	312021	51.349	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.700%
Target Compounds						
						Qvalue
27) cis-1,2-Dichloroethene	7.209	96	18643	3.984	ug/l	88
44) Trichloroethene	9.108	130	5641	1.152	ug/l	93
64) Tetrachloroethene	10.873	164	15994	3.849	ug/l	97

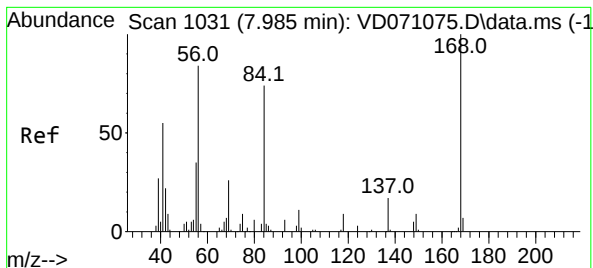
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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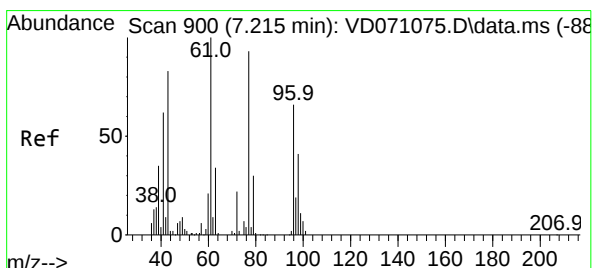
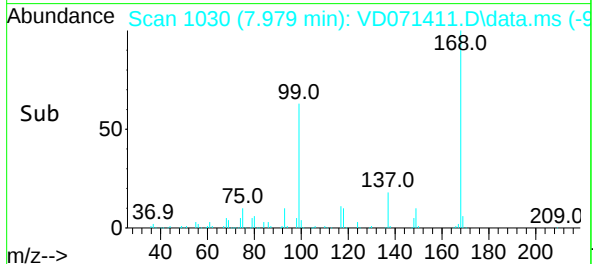
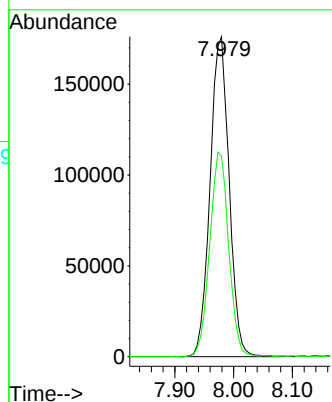
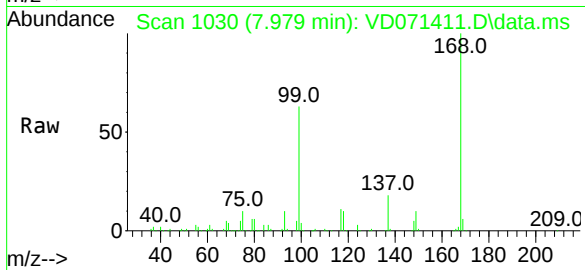




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071411.D
Acq: 21 Dec 2021 15:29

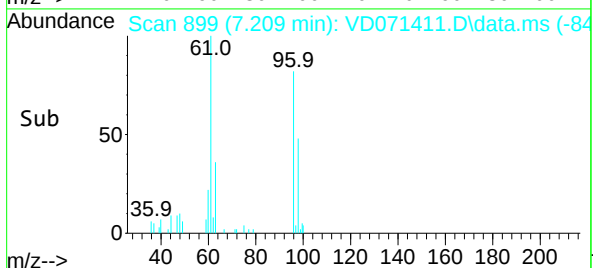
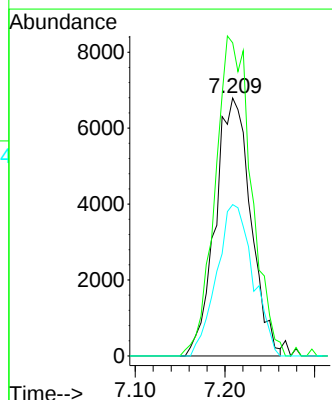
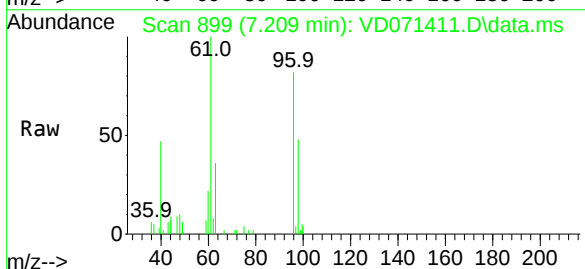
Instrument :
MSVOA_D
ClientSampleId :
SB-1

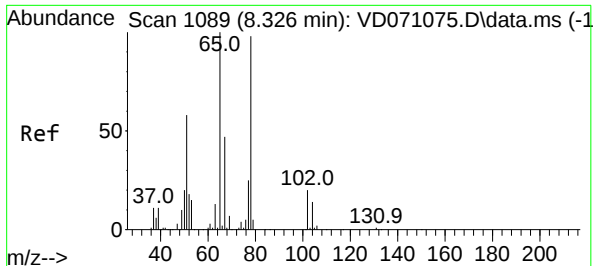
Tgt Ion:168 Resp: 395817
Ion Ratio Lower Upper
168 100
99 62.5 46.6 69.8



#27
cis-1,2-Dichloroethene
Concen: 3.984 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071411.D
Acq: 21 Dec 2021 15:29

Tgt Ion: 96 Resp: 18643
Ion Ratio Lower Upper
96 100
61 126.6 0.0 288.6
98 60.2 0.0 129.2





#33

1,2-Dichloroethane-d4

Concen: 56.572 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD071411.D

Acq: 21 Dec 2021 15:29

Instrument :

MSVOA_D

ClientSampleId :

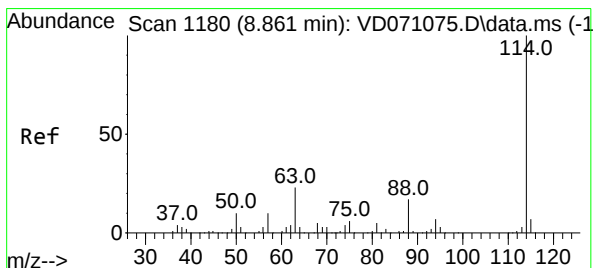
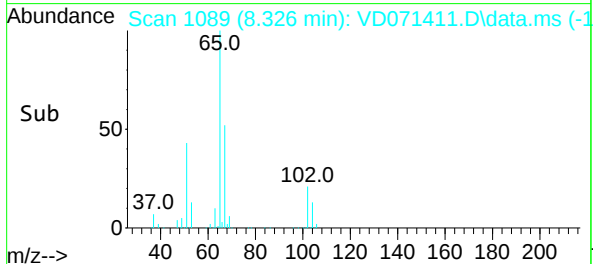
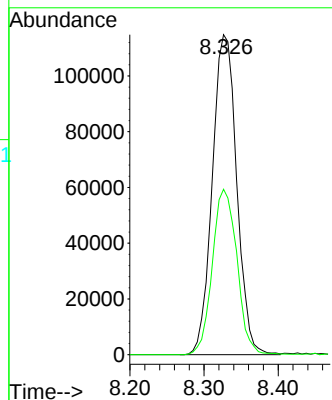
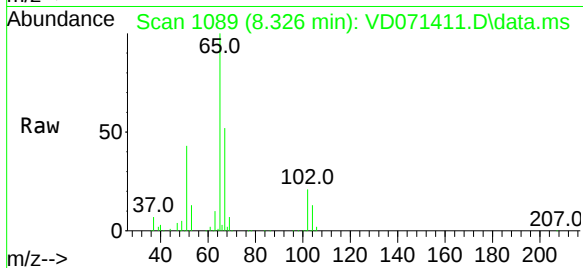
SB-1

Tgt Ion: 65 Resp: 262747

Ion Ratio Lower Upper

65 100

67 52.1 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: VD071411.D

Acq: 21 Dec 2021 15:29

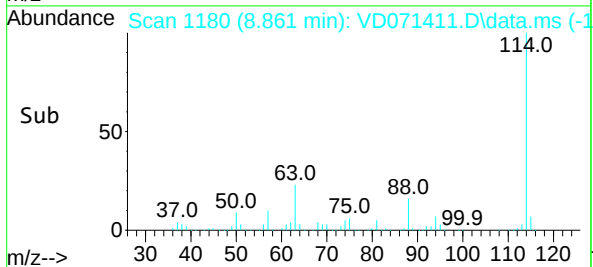
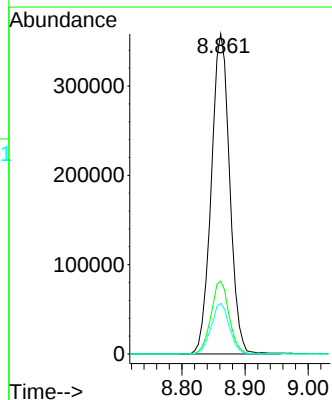
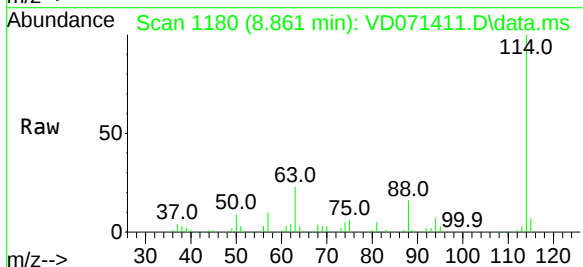
Tgt Ion: 114 Resp: 723385

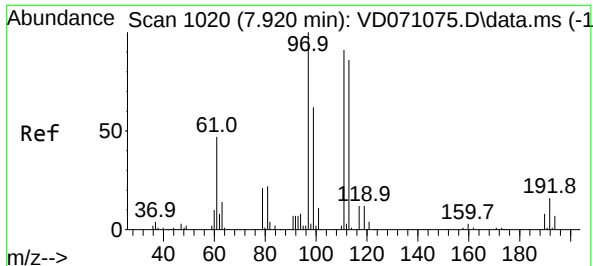
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.701 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071411.D

Acq: 21 Dec 2021 15:29

Instrument :

MSVOA_D

ClientSampleId :

SB-1

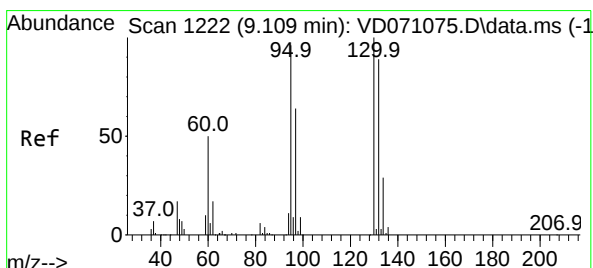
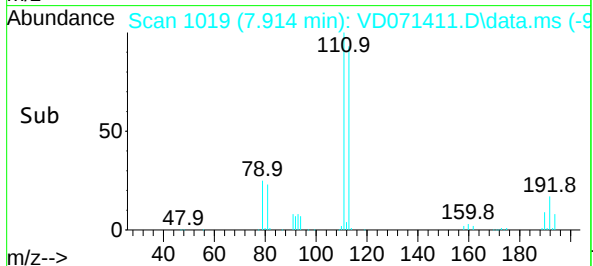
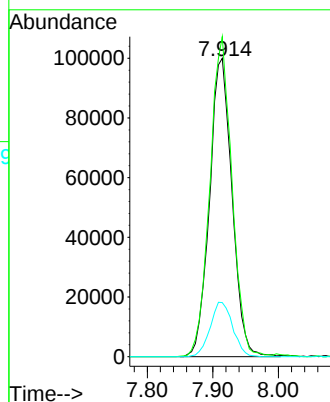
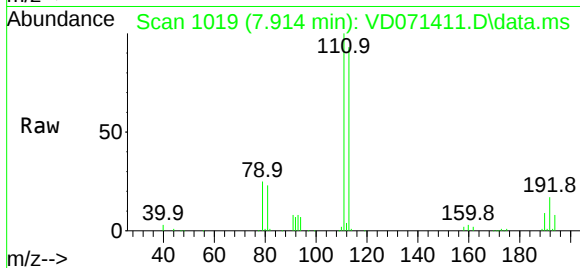
Tgt Ion:113 Resp: 238157

Ion Ratio Lower Upper

113 100

111 105.5 82.0 123.0

192 18.2 15.2 22.8



#44

Trichloroethene

Concen: 1.152 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. -0.001 min

Lab File: VD071411.D

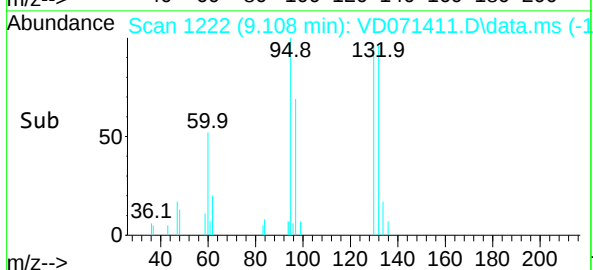
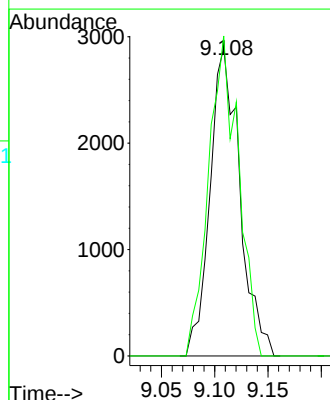
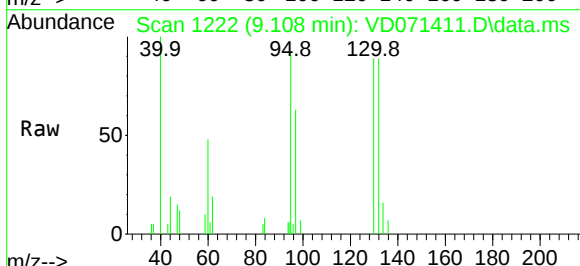
Acq: 21 Dec 2021 15:29

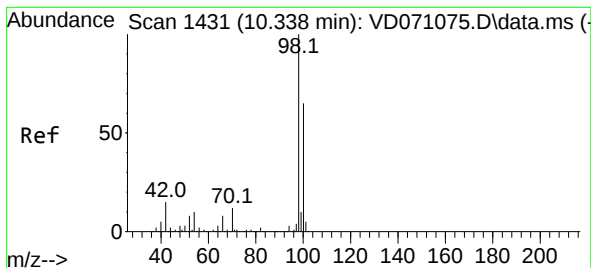
Tgt Ion:130 Resp: 5641

Ion Ratio Lower Upper

130 100

95 103.8 0.0 193.2





#50

Toluene-d8

Concen: 52.576 ug/l

RT: 10.332 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VD071411.D

Acq: 21 Dec 2021 15:29

Instrument :

MSVOA_D

ClientSampleId :

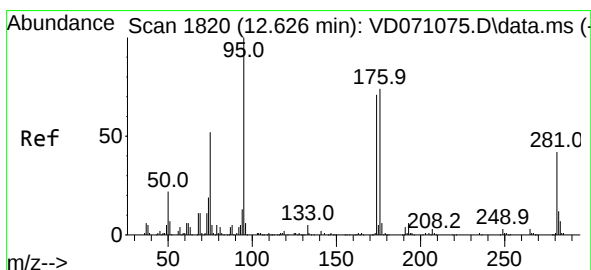
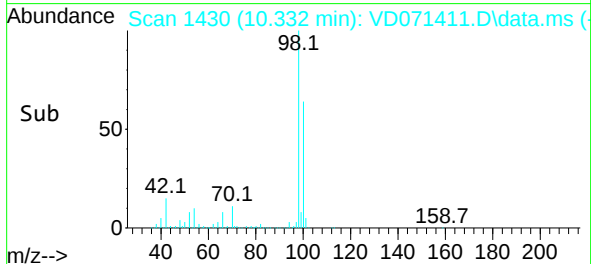
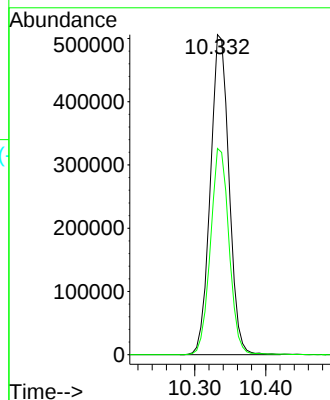
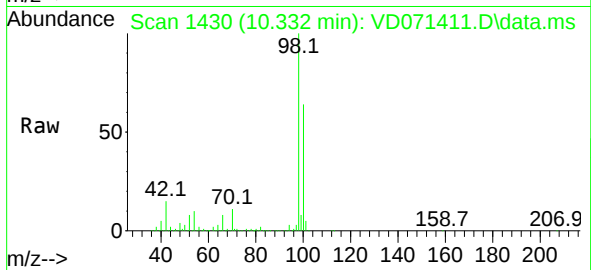
SB-1

Tgt Ion: 98 Resp: 921651

Ion Ratio Lower Upper

98 100

100 64.3 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 51.349 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.000 min

Lab File: VD071411.D

Acq: 21 Dec 2021 15:29

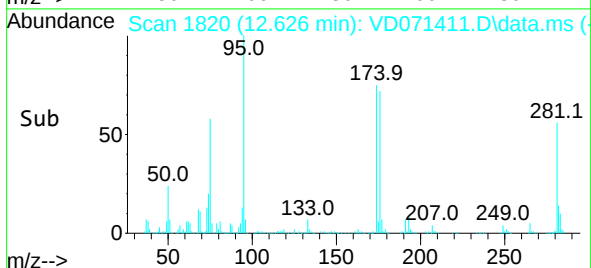
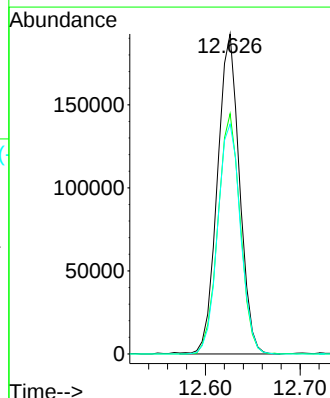
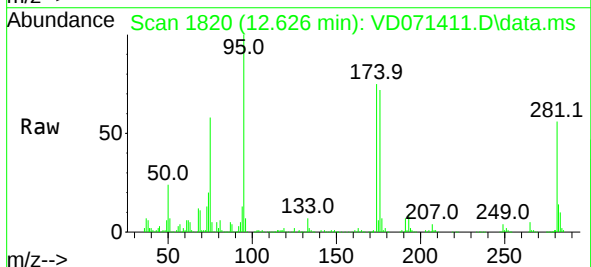
Tgt Ion: 95 Resp: 312021

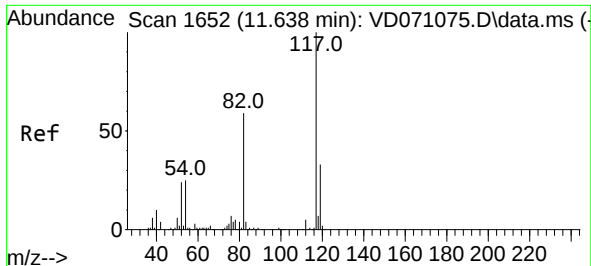
Ion Ratio Lower Upper

95 100

174 75.7 0.0 159.4

176 74.3 0.0 154.0

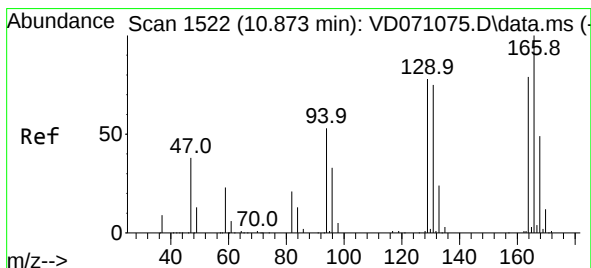
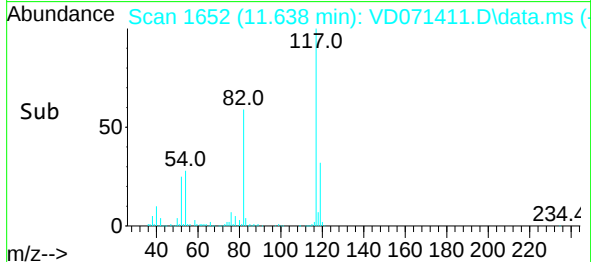
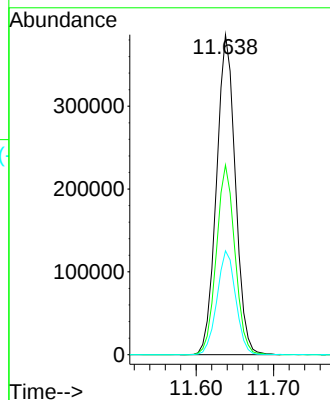
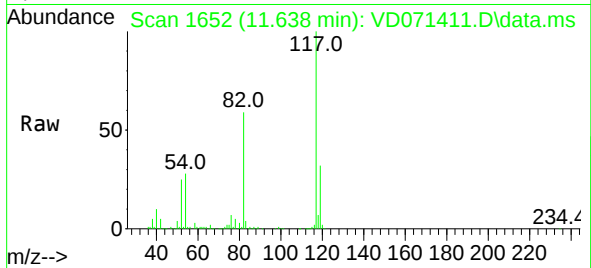




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071411.D
Acq: 21 Dec 2021 15:29

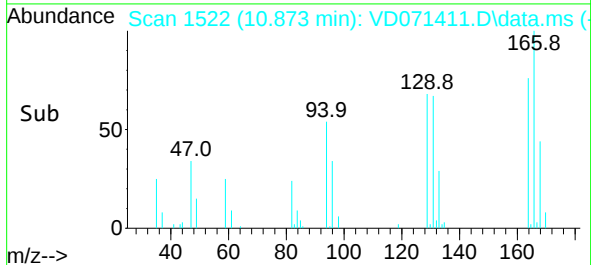
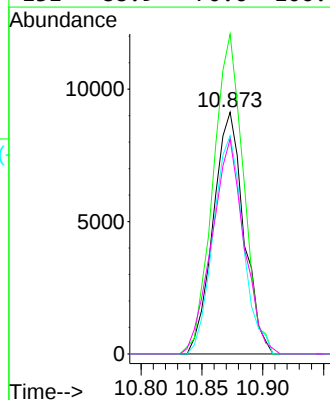
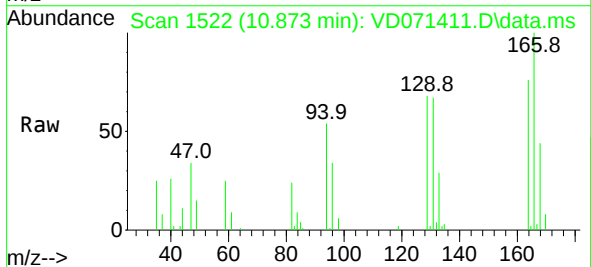
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SB-1

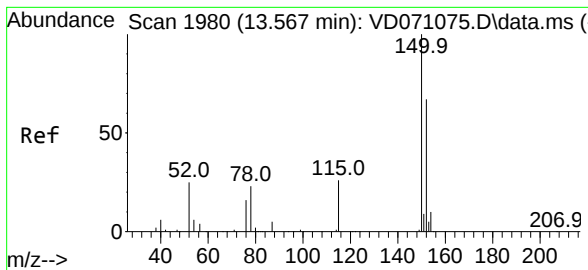
Tgt Ion:117 Resp: 654523
Ion Ratio Lower Upper
117 100
82 59.3 44.7 67.1
119 32.5 26.2 39.4



#64
Tetrachloroethene
Concen: 3.849 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071411.D
Acq: 21 Dec 2021 15:29

Tgt Ion:164 Resp: 15994
Ion Ratio Lower Upper
164 100
166 132.4 102.6 153.8
129 90.3 75.4 113.0
131 88.9 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: VD071411.D
 Acq: 21 Dec 2021 15:29

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1

Tgt Ion:152 Resp: 290728
 Ion Ratio Lower Upper
 152 100
 115 61.8 29.8 89.3
 150 160.7 0.0 349.2

