

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121521\
 Data File : VD071346.D
 Acq On : 15 Dec 2021 16:52
 Operator : VA/SY
 Sample : M5083-07
 Misc : 6.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BB3

Quant Time: Dec 16 04:29:50 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	7.985	168	77615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	137432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	168601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	89265	50.000	ug/l	0.00

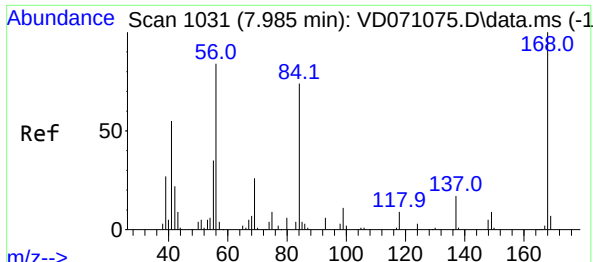
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	62459	68.582	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.160%
35) Dibromofluoromethane	7.914	113	50117	57.267	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.540%
50) Toluene-d8	10.332	98	179088	53.774	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.540%
62) 4-Bromofluorobenzene	12.620	95	83212	72.080	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	144.160%#

Target Compounds	Qvalue

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

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Response via : Initial Calibration

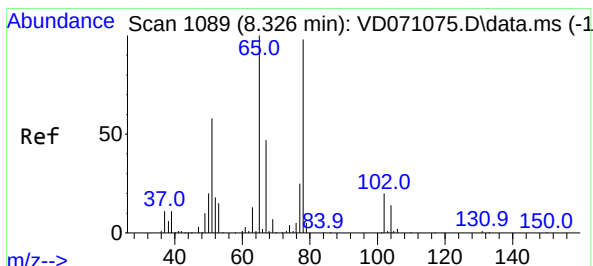
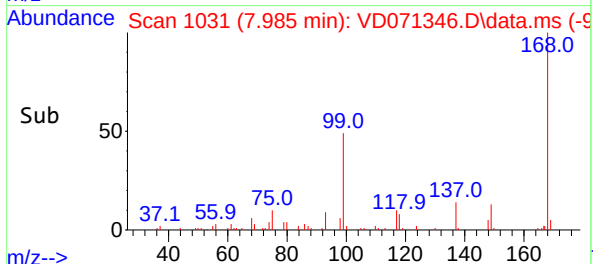
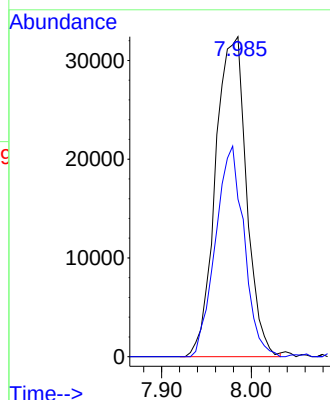
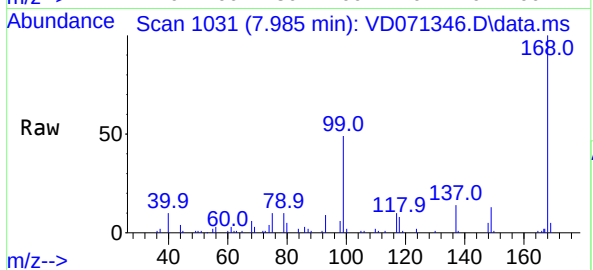




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD071346.D
Acq: 15 Dec 2021 16:52

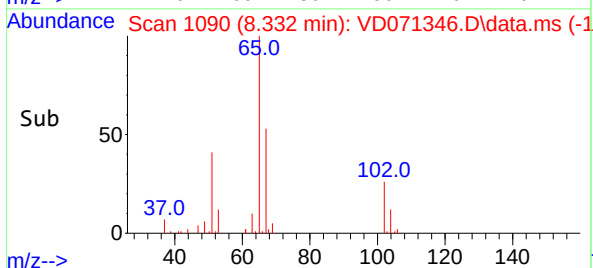
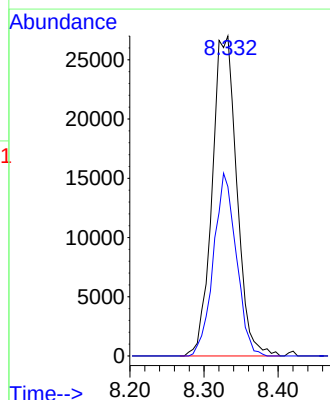
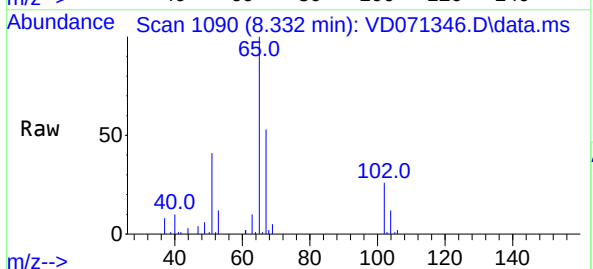
Instrument :
MSVOA_D
ClientSampleId :
BB3

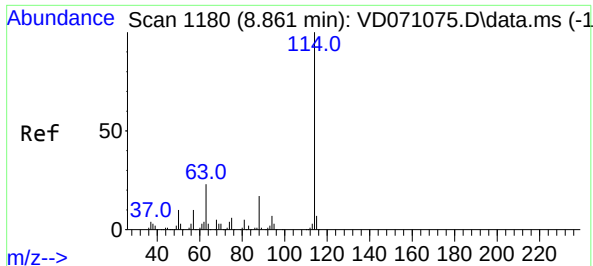
Tgt Ion:168 Resp: 77615
Ion Ratio Lower Upper
168 100
99 49.3 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 68.582 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071346.D
Acq: 15 Dec 2021 16:52

Tgt Ion: 65 Resp: 62459
Ion Ratio Lower Upper
65 100
67 52.8 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: VD071346.D

Acq: 15 Dec 2021 16:52

Instrument :

MSVOA_D

ClientSampleId :

BB3

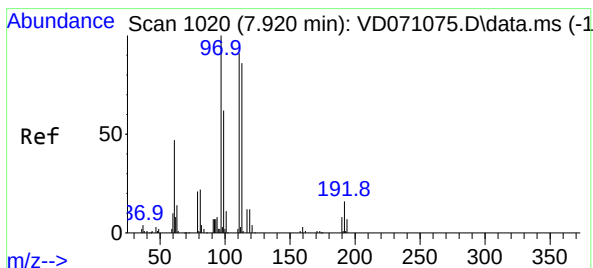
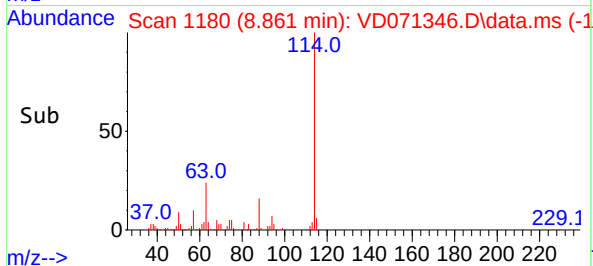
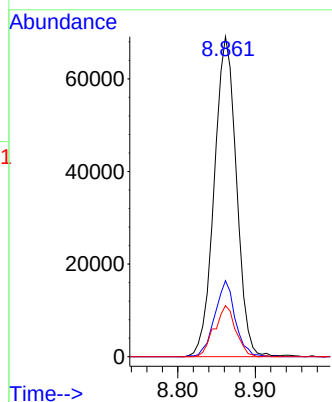
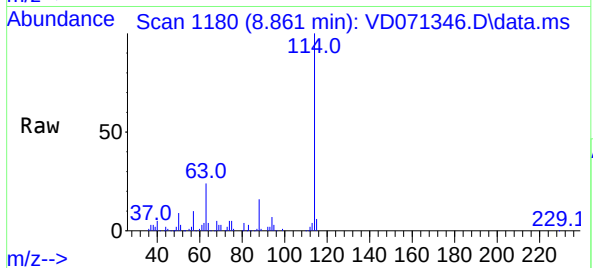
Tgt Ion:114 Resp: 137432

Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.8

88 15.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 57.267 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071346.D

Acq: 15 Dec 2021 16:52

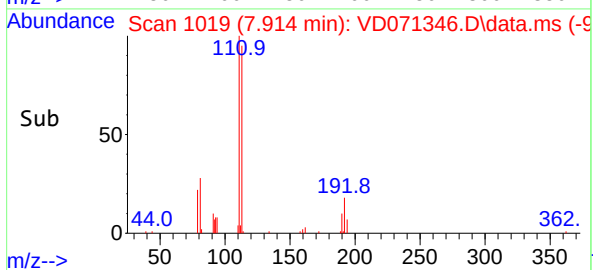
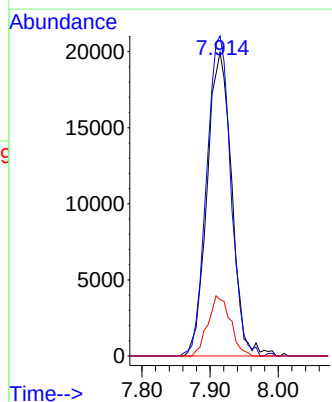
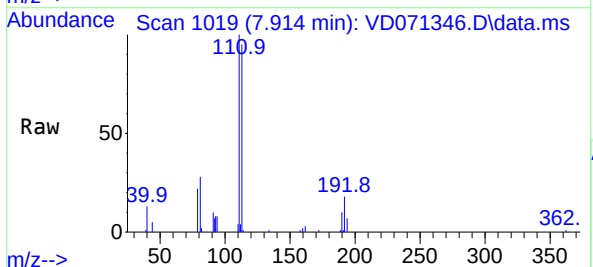
Tgt Ion:113 Resp: 50117

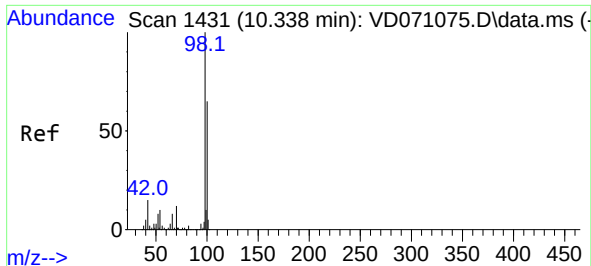
Ion Ratio Lower Upper

113 100

111 103.4 82.0 123.0

192 18.1 15.2 22.8

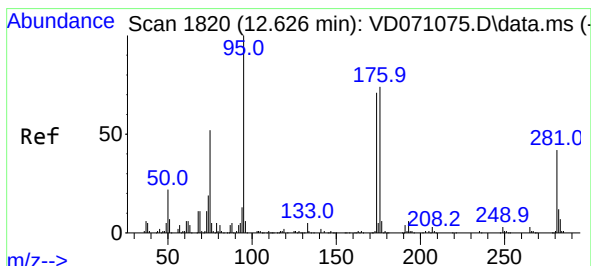
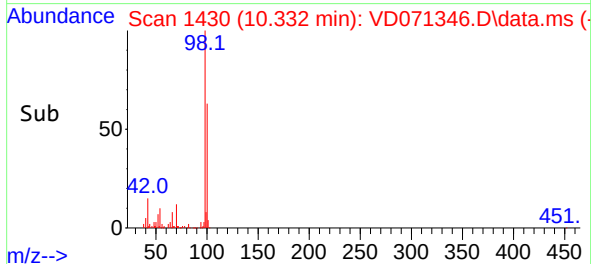
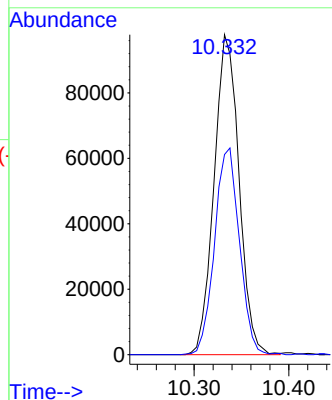
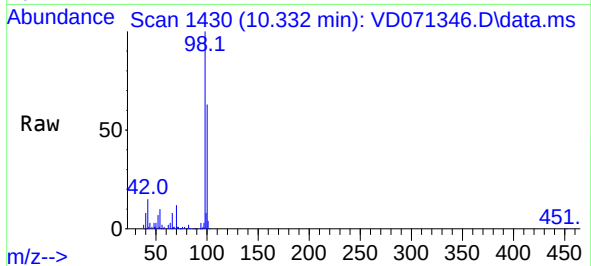




#50
Toluene-d8
Concen: 53.774 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071346.D
Acq: 15 Dec 2021 16:52

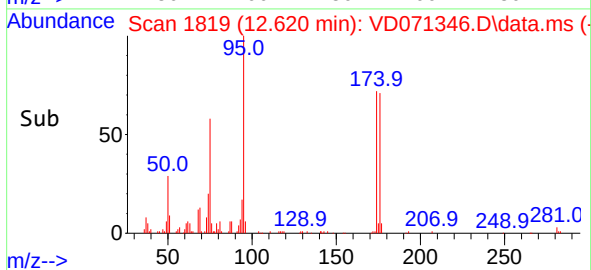
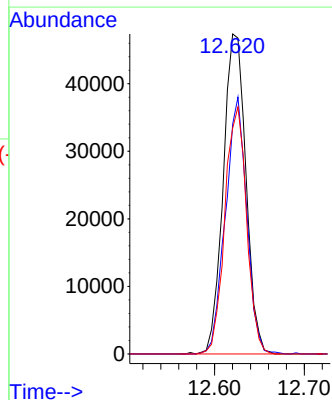
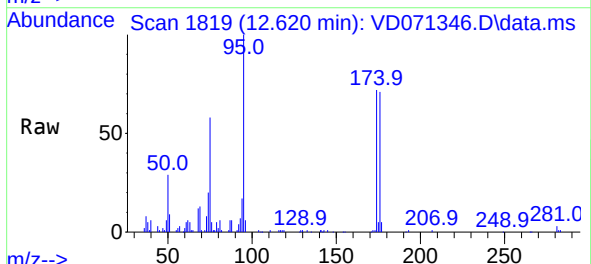
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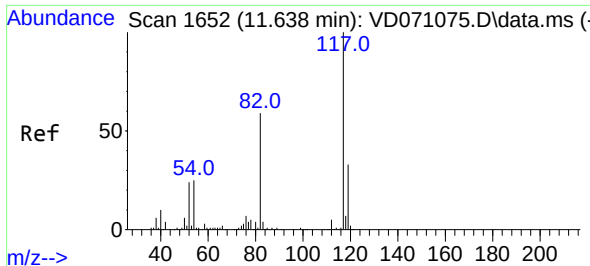
Tgt Ion: 98 Resp: 179088
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 72.080 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071346.D
Acq: 15 Dec 2021 16:52

Tgt Ion: 95 Resp: 83212
Ion Ratio Lower Upper
95 100
174 75.4 0.0 159.4
176 73.7 0.0 154.0

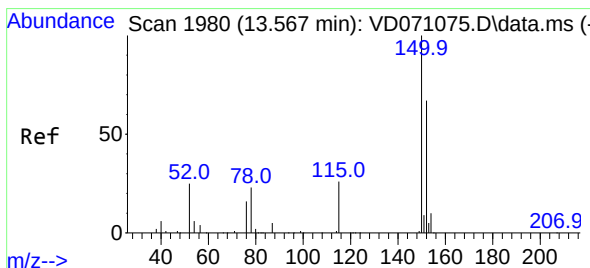
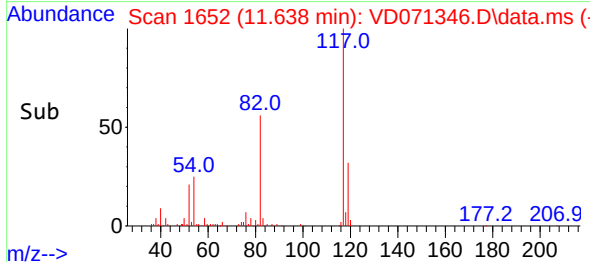
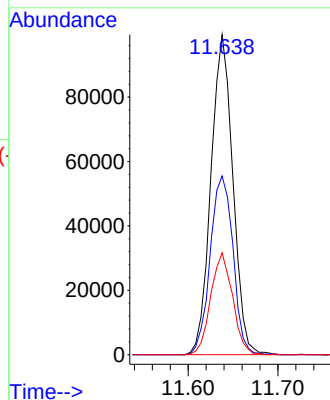
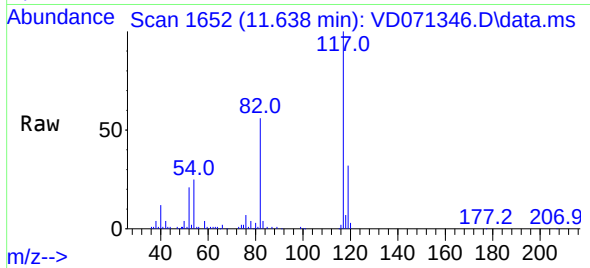




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071346.D
Acq: 15 Dec 2021 16:52

Instrument :
MSVOA_D
ClientSampleId :
BB3

Tgt Ion:117 Resp: 168601
Ion Ratio Lower Upper
117 100
82 55.9 44.7 67.1
119 31.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071346.D
Acq: 15 Dec 2021 16:52

Tgt Ion:152 Resp: 89265
Ion Ratio Lower Upper
152 100
115 62.6 29.8 89.3
150 158.1 0.0 349.2

