

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061622\
 Data File : VD073614.D
 Acq On : 16 Jun 2022 13:37
 Operator : VA/SY
 Sample : N3324-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BT-SPOILS-07

Quant Time: Jun 17 01:05:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

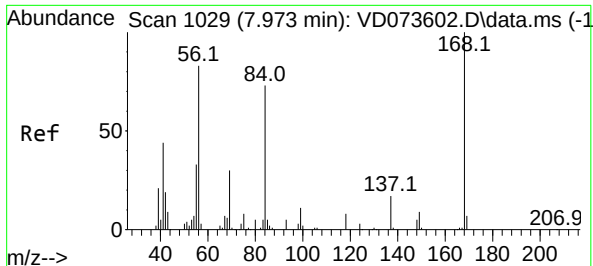
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	281107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	483998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	445343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	189771	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	159322	52.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.620%
35) Dibromofluoromethane	7.909	113	160365	51.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.060%
50) Toluene-d8	10.332	98	581981	49.458	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.920%
62) 4-Bromofluorobenzene	12.620	95	181459	42.478	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.960%

Target Compounds	Qvalue

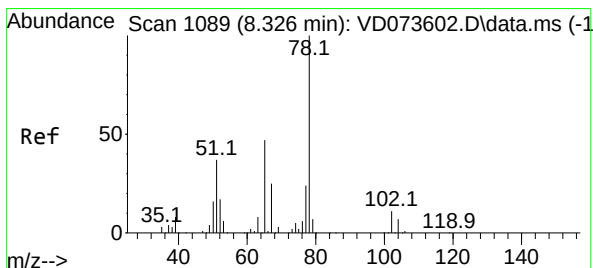
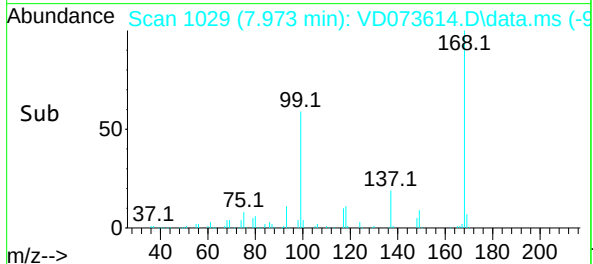
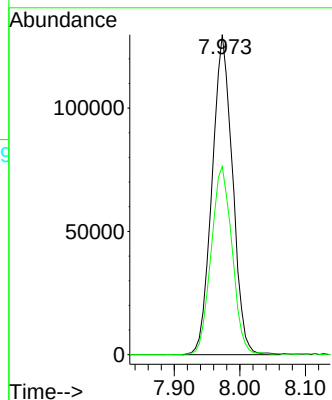
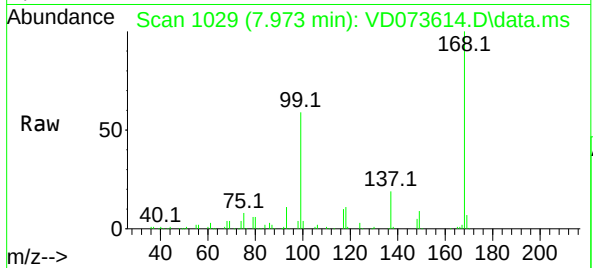
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073614.D
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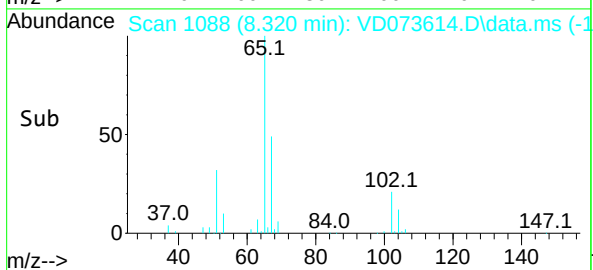
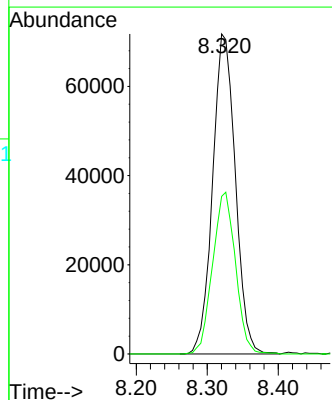
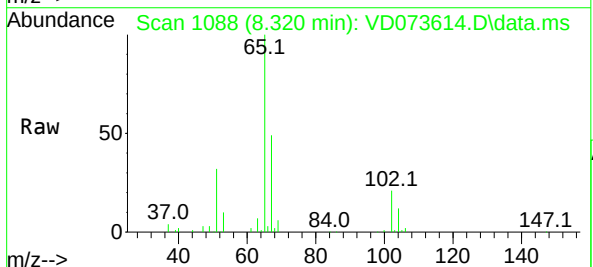
Instrument :
MSVOA_D
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BT-SPOILS-07

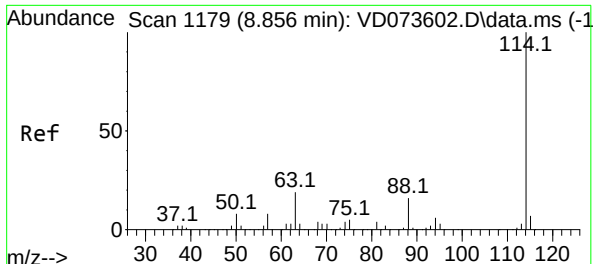
Tgt Ion:168 Resp: 281107
Ion Ratio Lower Upper
168 100
99 58.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 52.814 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073614.D
Acq: 16 Jun 2022 13:37

Tgt Ion: 65 Resp: 159322
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073614.D

Acq: 16 Jun 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

BT-SPOILS-07

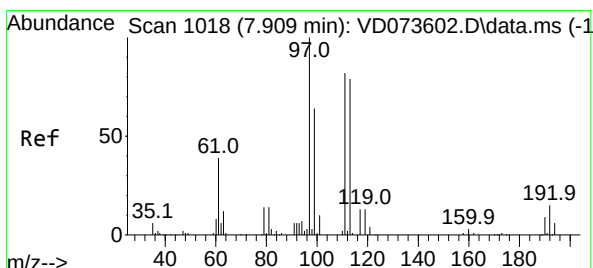
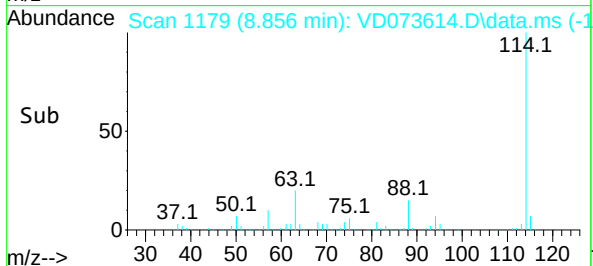
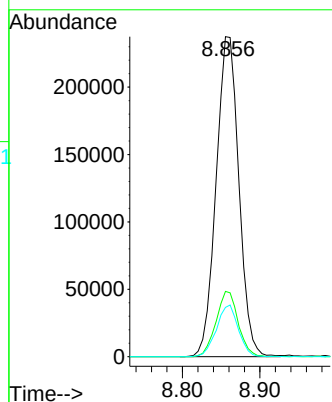
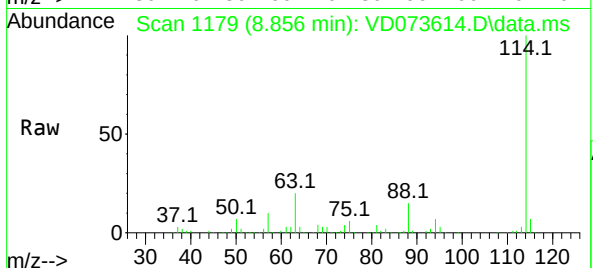
Tgt Ion:114 Resp: 483998

Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.526 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073614.D

Acq: 16 Jun 2022 13:37

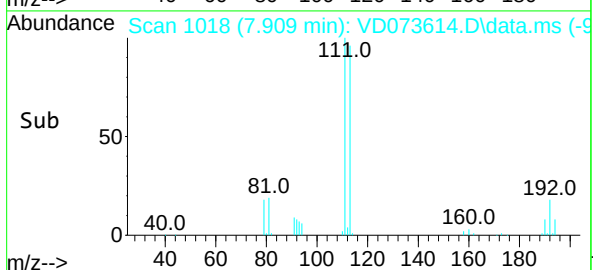
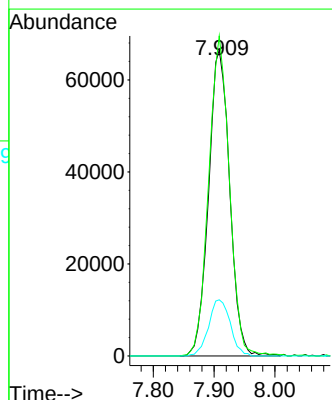
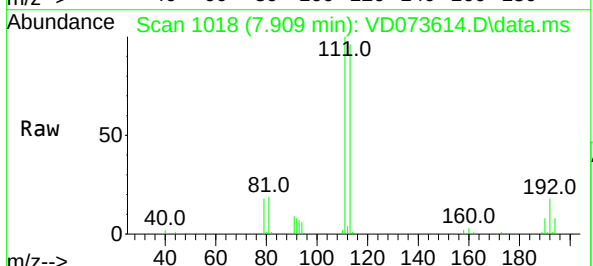
Tgt Ion:113 Resp: 160365

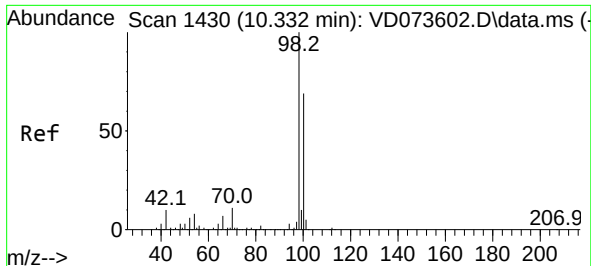
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 18.8 14.6 21.8

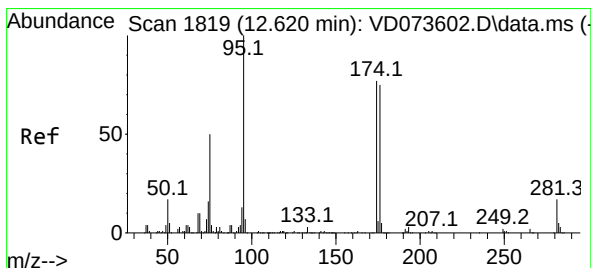
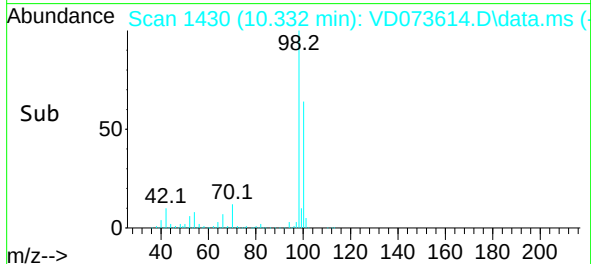
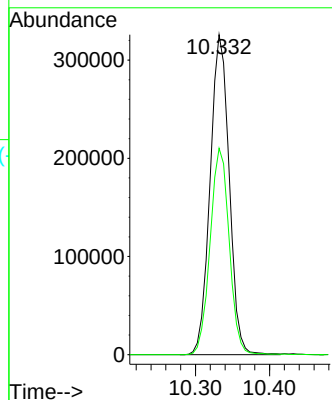
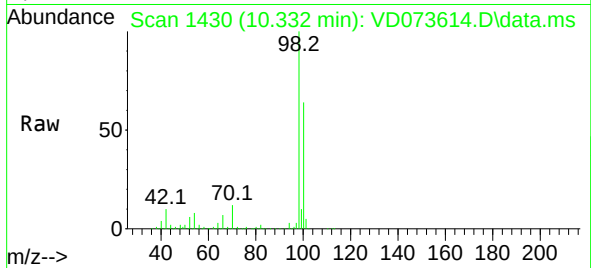




#50
Toluene-d8
Concen: 49.458 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073614.D
Acq: 16 Jun 2022 13:37

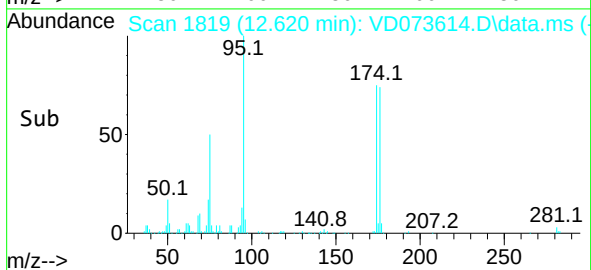
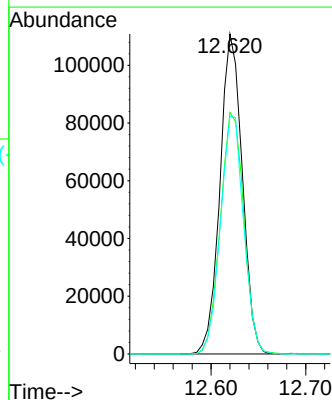
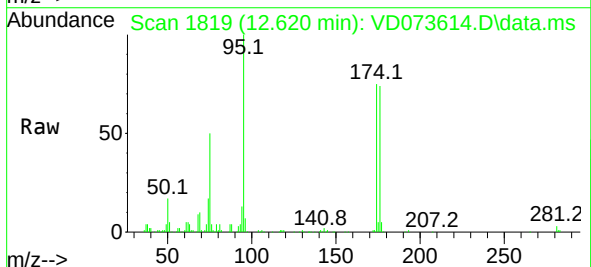
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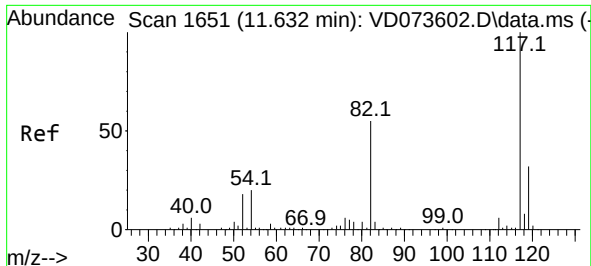
Tgt Ion: 98 Resp: 581981
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.478 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073614.D
Acq: 16 Jun 2022 13:37

Tgt Ion: 95 Resp: 181459
Ion Ratio Lower Upper
95 100
174 79.5 0.0 152.8
176 77.3 0.0 145.4

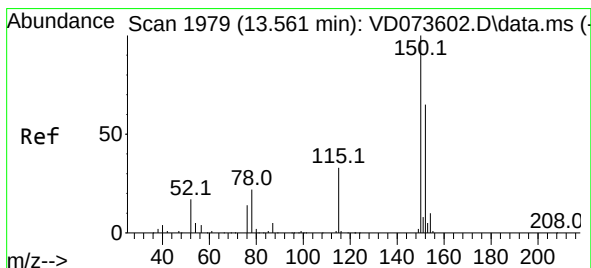
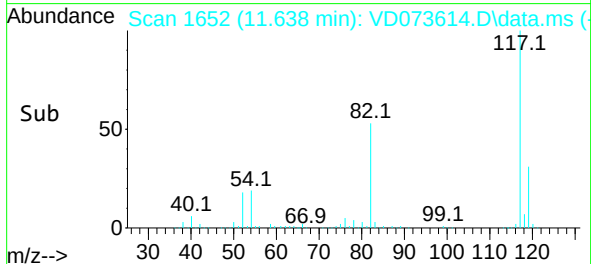
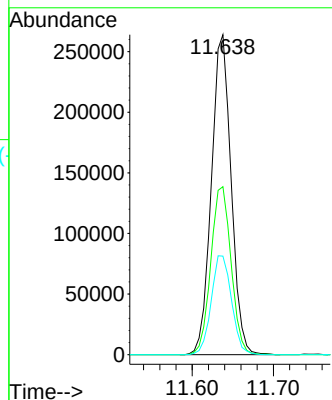
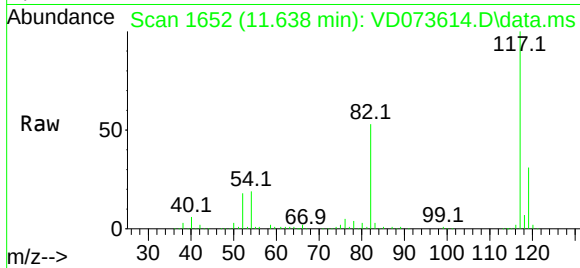




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073614.D
Acq: 16 Jun 2022 13:37

Instrument :
MSVOA_D
ClientSampleId :
BT-SPOILS-07

Tgt Ion:117 Resp: 445343
Ion Ratio Lower Upper
117 100
82 52.5 45.3 67.9
119 30.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073614.D
Acq: 16 Jun 2022 13:37

Tgt Ion:152 Resp: 189771
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 158.5 0.0 348.6

