

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080339.D
 Acq On : 04 Dec 2023 15:34
 Operator : JC\MD
 Sample : 05612-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Dec 05 04:16:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

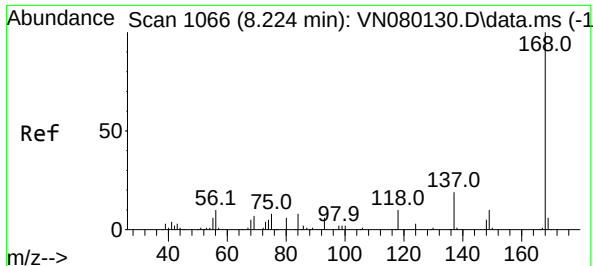
Internal Standards						
1) Pentafluorobenzene	8.230	168	144082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	275953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136363	57.319	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.640%	
35) Dibromofluoromethane	8.171	113	106823	52.463	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.920%	
50) Toluene-d8	10.571	98	366308	49.906	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	12.853	95	141682	51.104	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.200%	

Target Compounds	Qvalue

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

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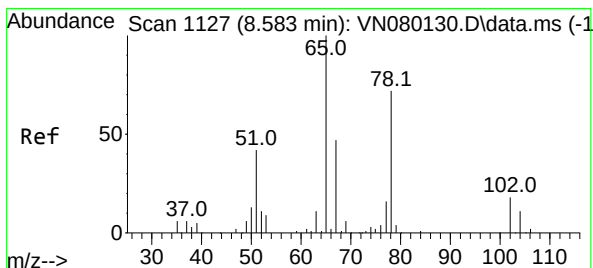
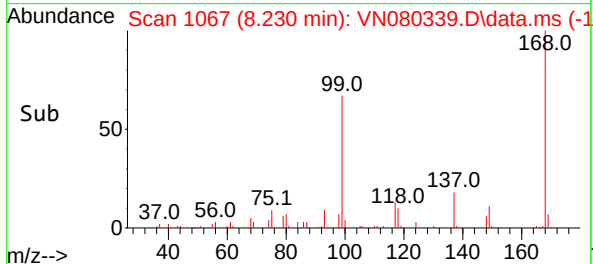
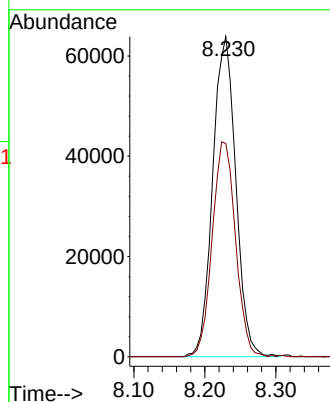
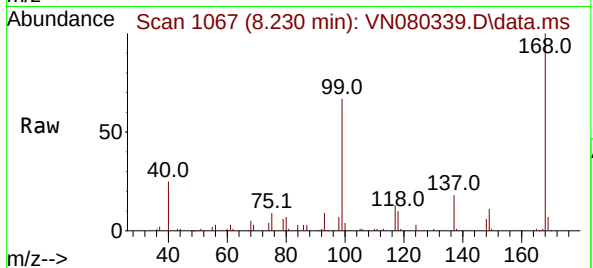




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080339.D
Acq: 04 Dec 2023 15:34

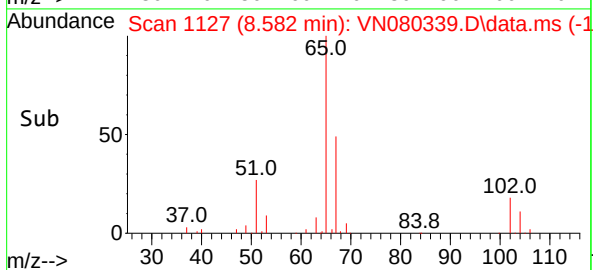
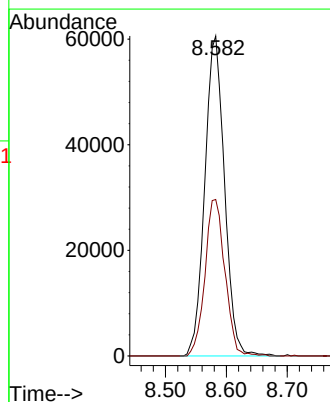
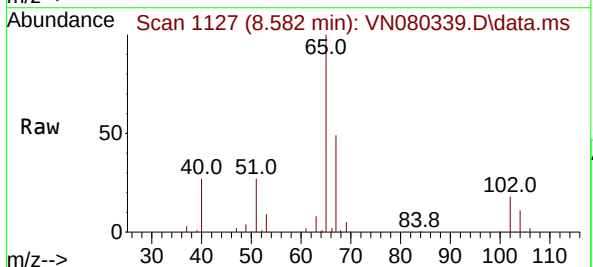
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

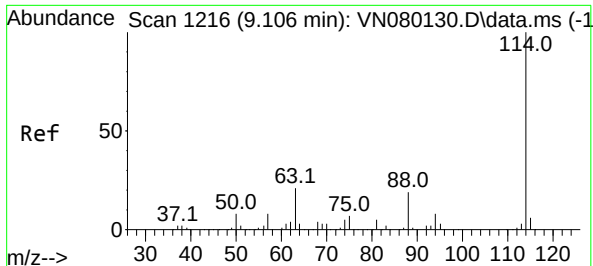
Tgt Ion:168 Resp: 144082
Ion Ratio Lower Upper
168 100
99 66.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 57.319 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080339.D
Acq: 04 Dec 2023 15:34

Tgt Ion: 65 Resp: 136363
Ion Ratio Lower Upper
65 100
67 49.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080339.D

Acq: 04 Dec 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

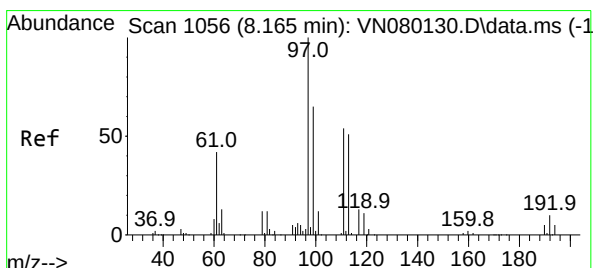
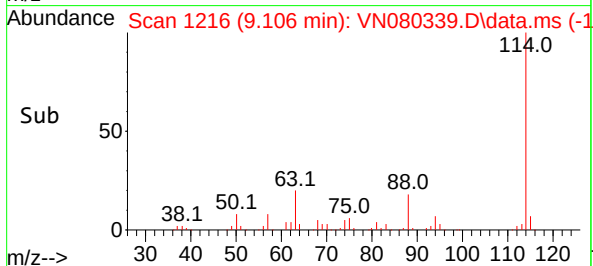
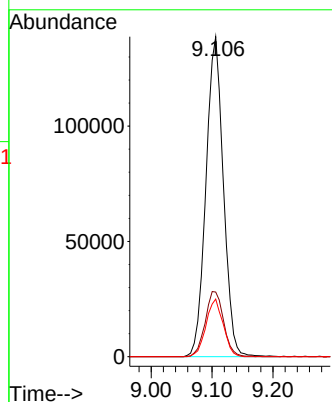
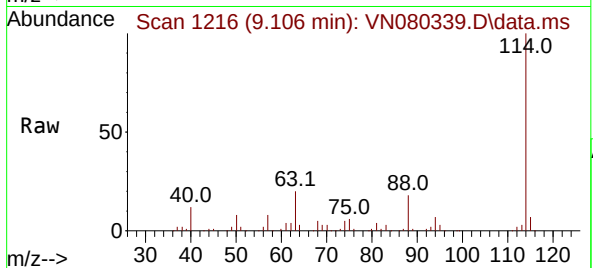
Tgt Ion:114 Resp: 275953

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 18.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.463 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080339.D

Acq: 04 Dec 2023 15:34

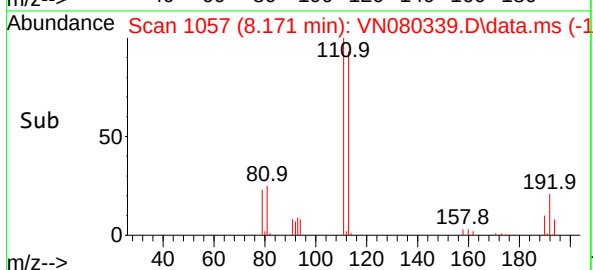
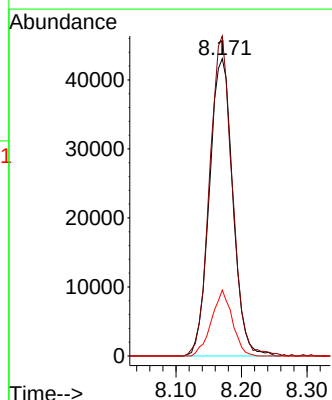
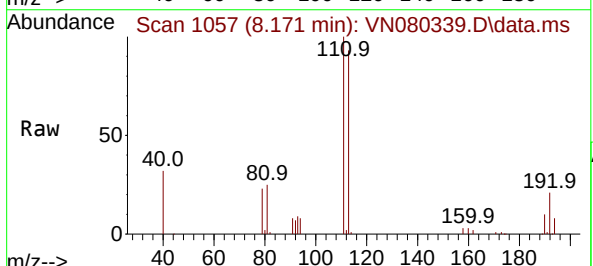
Tgt Ion:113 Resp: 106823

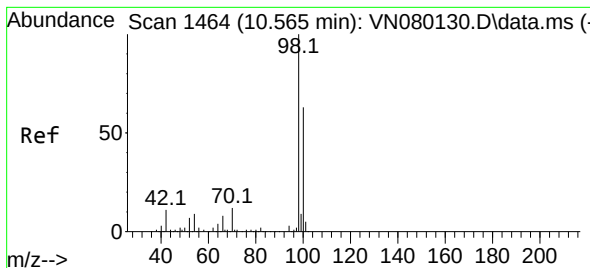
Ion Ratio Lower Upper

113 100

111 103.8 82.6 123.8

192 19.7 12.7 19.1#





#50

Toluene-d8

Concen: 49.906 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080339.D

Acq: 04 Dec 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

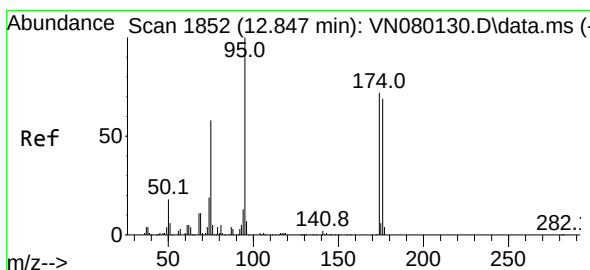
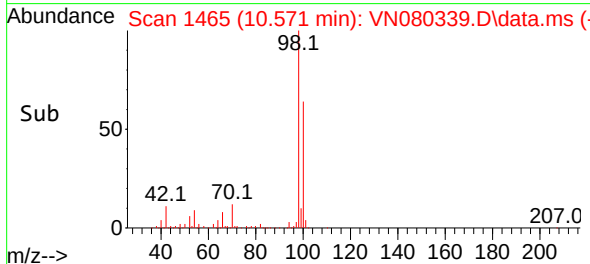
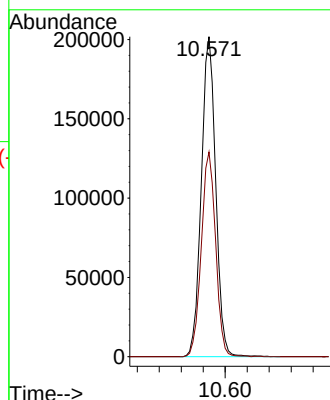
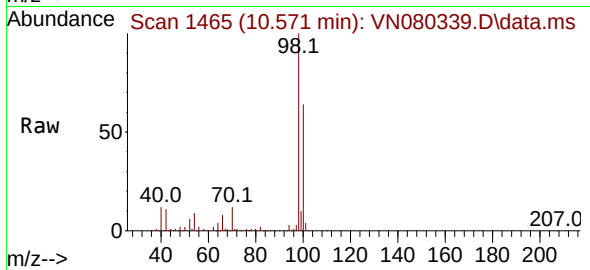
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Tgt Ion: 98 Resp: 366308

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.104 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080339.D

Acq: 04 Dec 2023 15:34

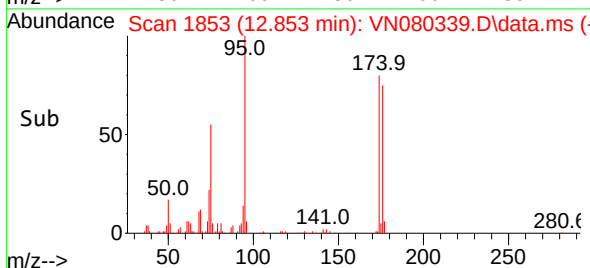
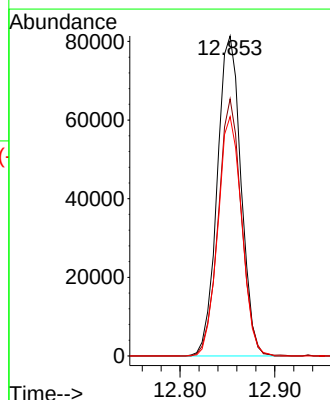
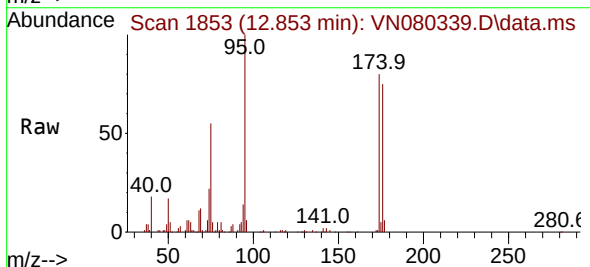
Tgt Ion: 95 Resp: 141682

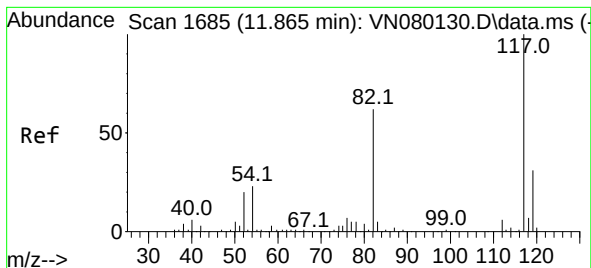
Ion Ratio Lower Upper

95 100

174 78.4 0.0 143.8

176 75.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080339.D

Acq: 04 Dec 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

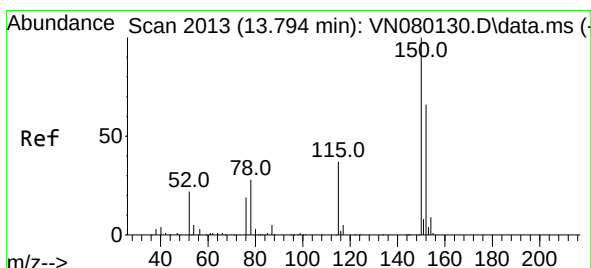
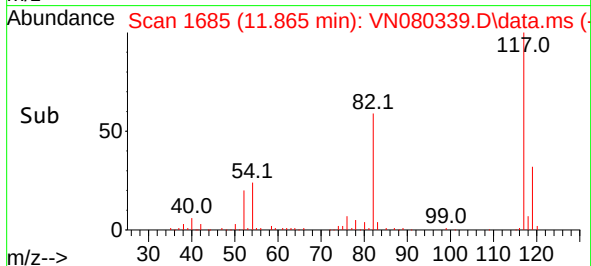
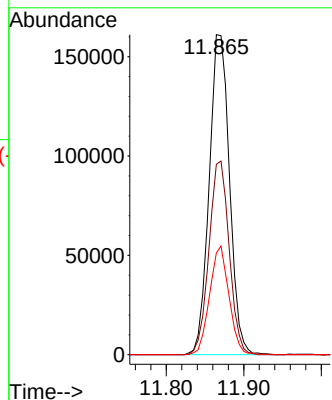
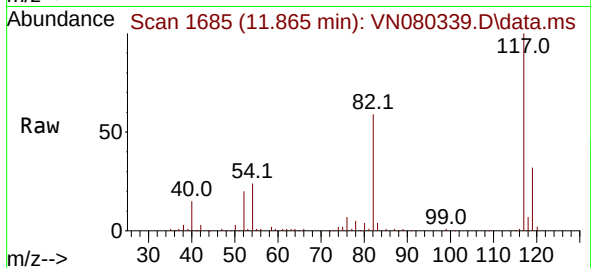
Tgt Ion:117 Resp: 293508

Ion Ratio Lower Upper

117 100

82 59.5 44.0 66.0

119 31.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080339.D

Acq: 04 Dec 2023 15:34

Tgt Ion:152 Resp: 129515

Ion Ratio Lower Upper

152 100

115 65.1 32.3 96.8

150 157.8 0.0 355.8

