

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079856.D
 Acq On : 03 Nov 2023 18:03
 Operator : JC\MD
 Sample : 05220-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-11

Quant Time: Nov 04 00:56:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

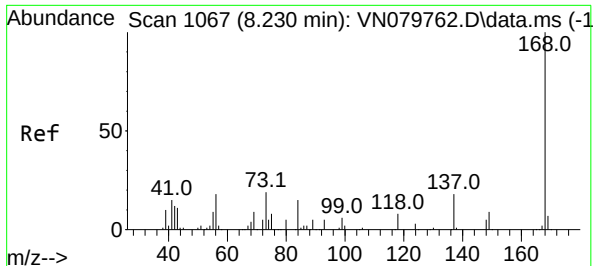
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	241529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	481082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	499215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189455	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	207149	56.294	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.580%
35) Dibromofluoromethane	8.171	113	171471	50.360	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.720%
50) Toluene-d8	10.571	98	582813	46.496	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.000%
62) 4-Bromofluorobenzene	12.853	95	194902	46.884	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.760%

Target Compounds	Qvalue

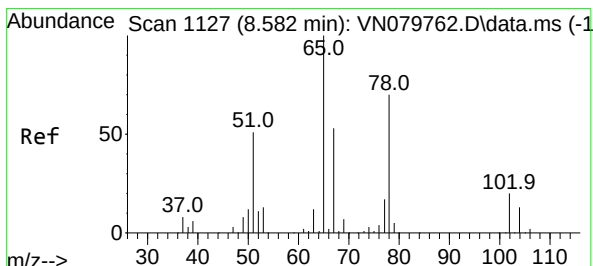
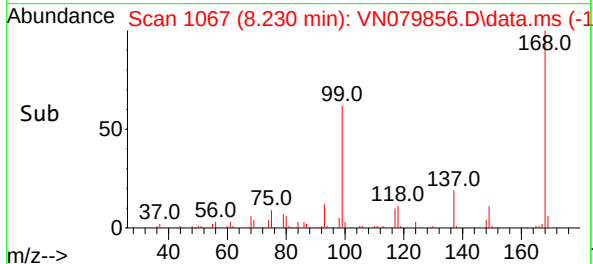
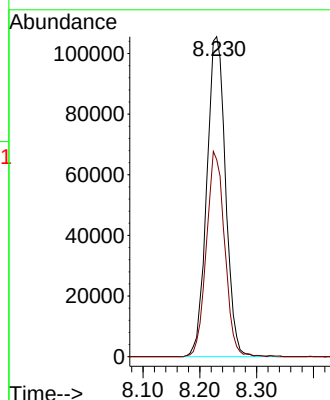
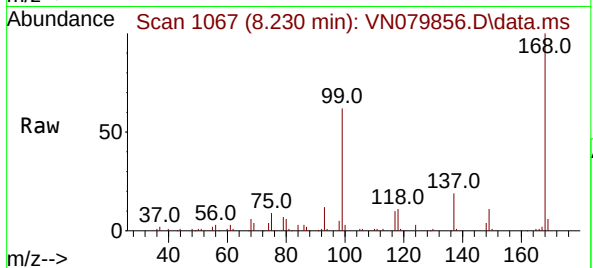
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079856.D
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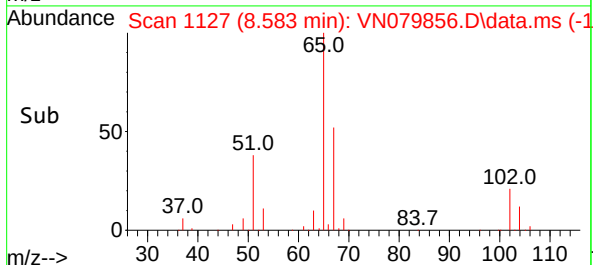
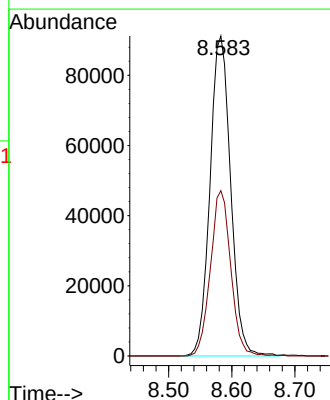
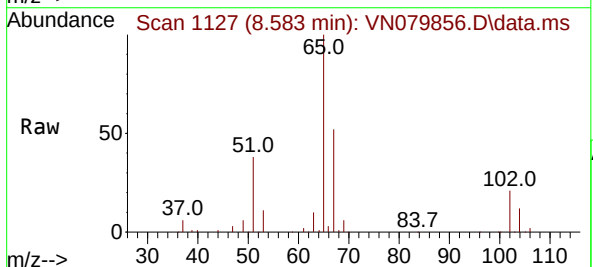
Instrument :
MSVOA_N
ClientSampleId :
TB-11

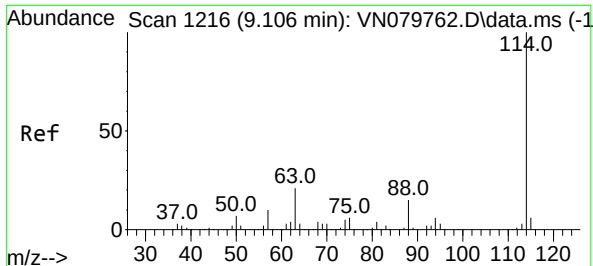
Tgt Ion:168 Resp: 241529
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 56.294 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079856.D
Acq: 03 Nov 2023 18:03

Tgt Ion: 65 Resp: 207149
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079856.D

Acq: 03 Nov 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

TB-11

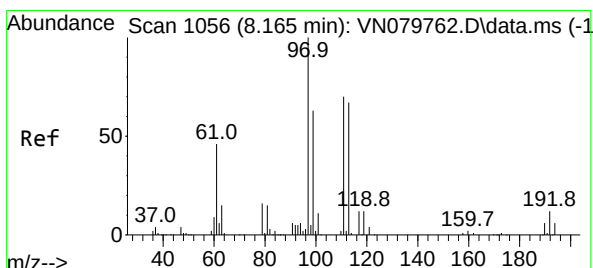
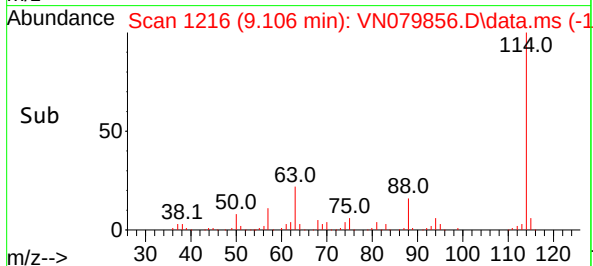
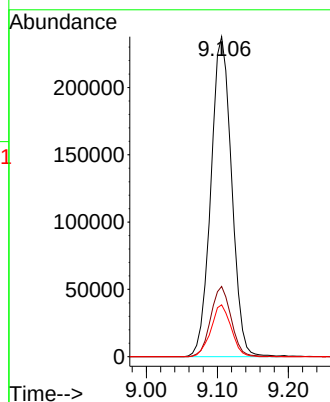
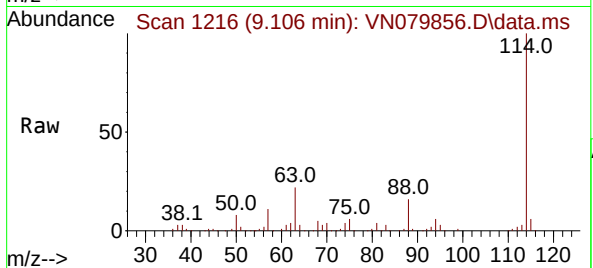
Tgt Ion:114 Resp: 481082

Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.360 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079856.D

Acq: 03 Nov 2023 18:03

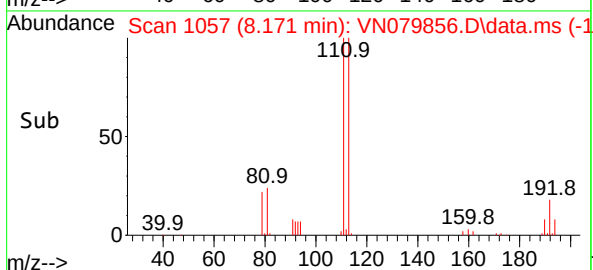
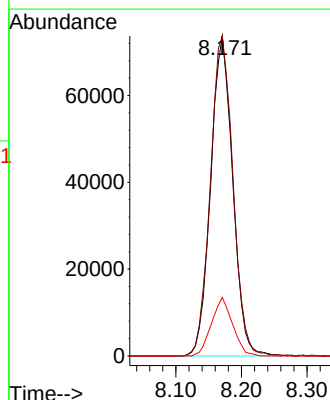
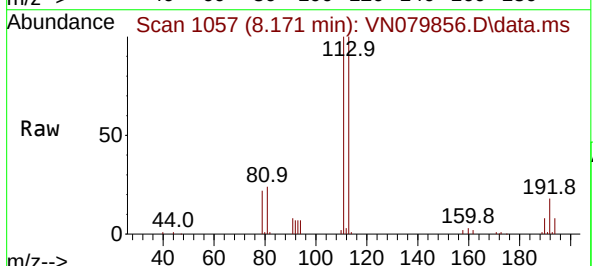
Tgt Ion:113 Resp: 171471

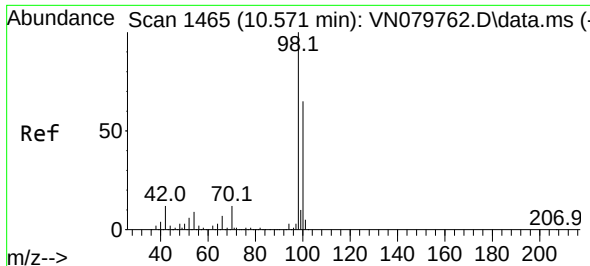
Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 17.6 12.7 19.1

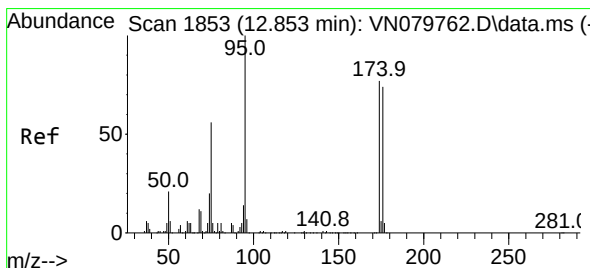
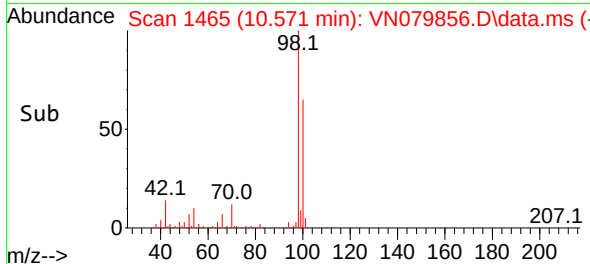
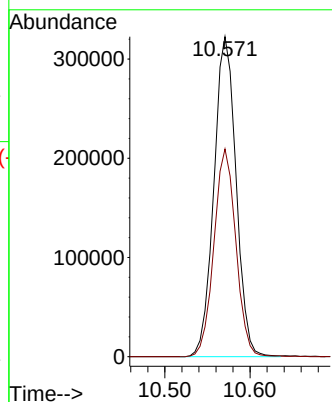
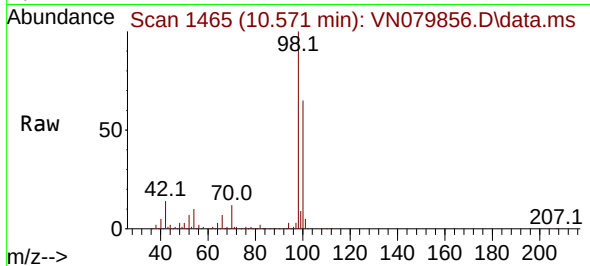




#50
Toluene-d8
Concen: 46.496 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079856.D
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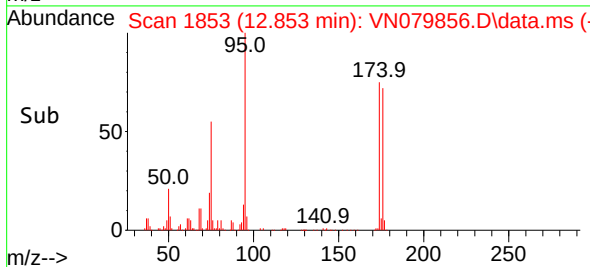
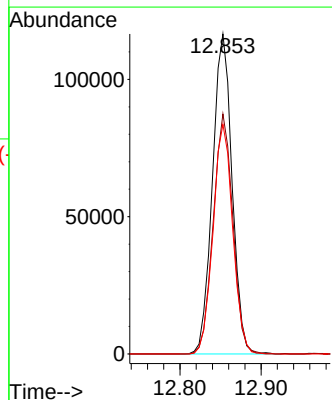
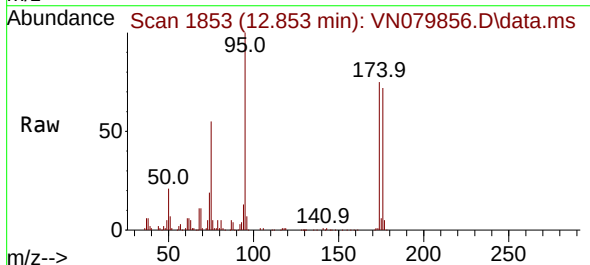
Instrument :
MSVOA_N
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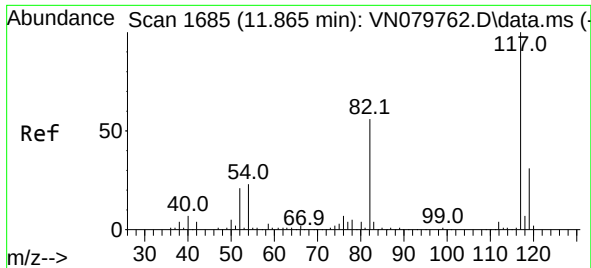
Tgt Ion: 98 Resp: 582813
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.884 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079856.D
Acq: 03 Nov 2023 18:03

Tgt Ion: 95 Resp: 194902
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 72.2 0.0 135.8

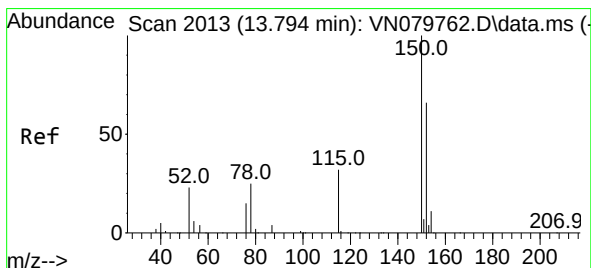
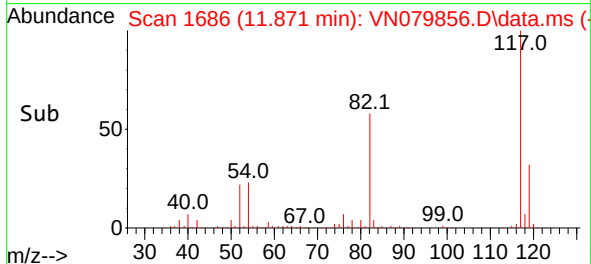
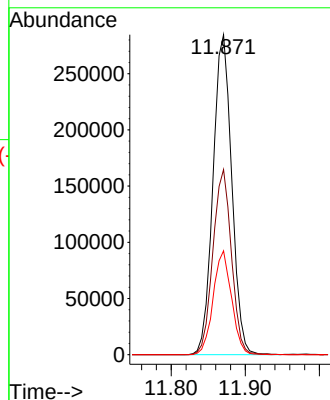
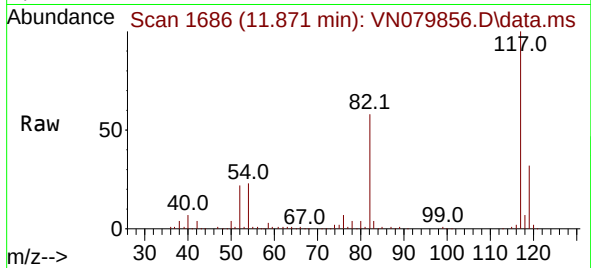




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079856.D
Acq: 03 Nov 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
TB-11

Tgt Ion:117 Resp: 499215
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 32.5 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: VN079856.D
Acq: 03 Nov 2023 18:03

Tgt Ion:152 Resp: 189455
Ion Ratio Lower Upper
152 100
115 63.2 32.3 96.8
150 161.2 0.0 355.8

