

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
 Data File : VN080088.D
 Acq On : 14 Nov 2023 14:51
 Operator : JC\MD
 Sample : 05386-01 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CONTAMINATED-WATER

Quant Time: Nov 15 03:56:34 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)

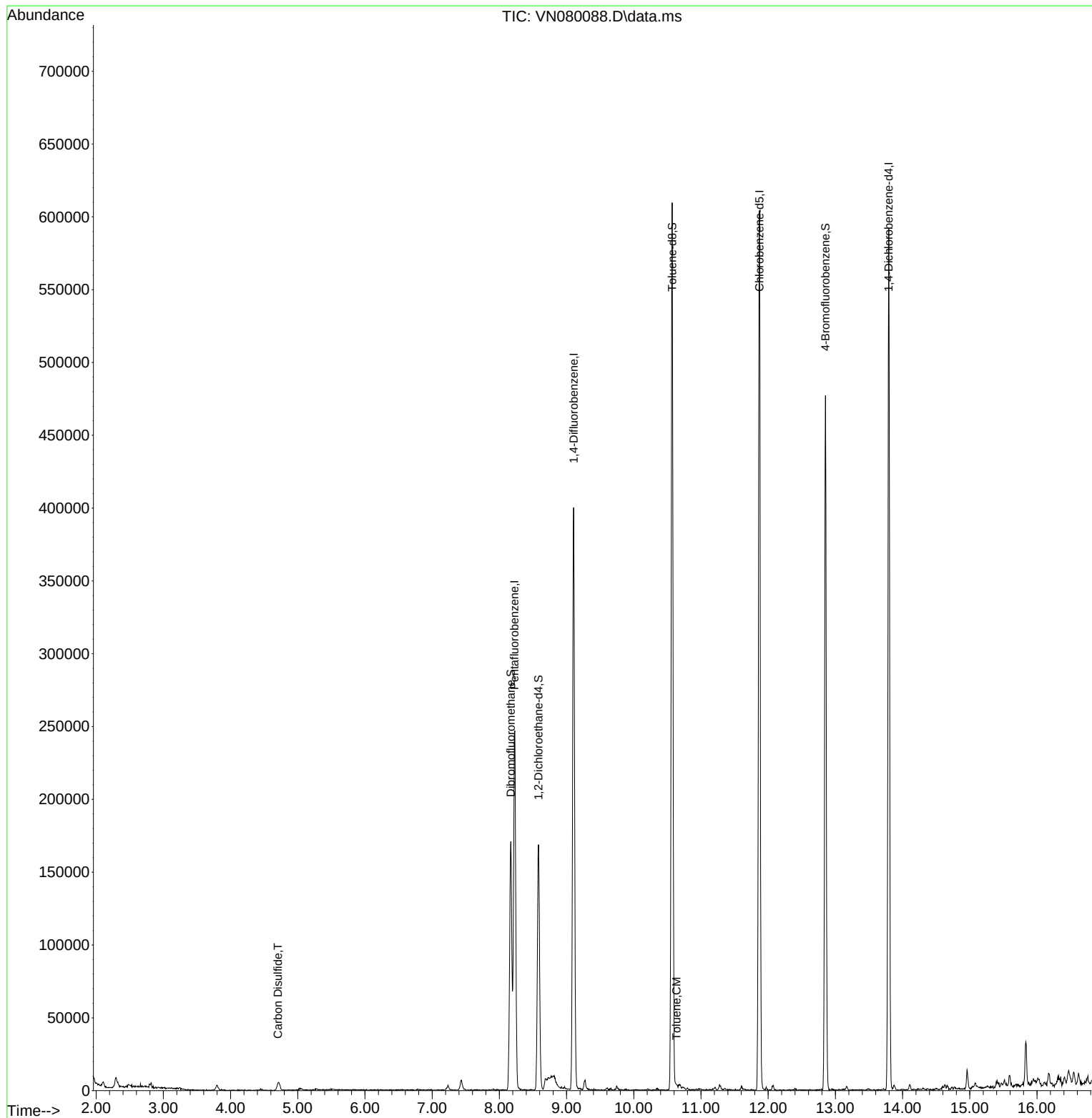
Internal Standards						
1) Pentafluorobenzene	8.224	168	170597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	328289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	346420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	152484	58.668	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.340%
35) Dibromofluoromethane	8.171	113	119141	51.277	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.560%
50) Toluene-d8	10.571	98	417370	48.795	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.580%
62) 4-Bromofluorobenzene	12.853	95	164102	57.847	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.700%
Target Compounds						Qvalue
17) Carbon Disulfide	4.706	76	13530	2.554	ug/l	# 95
52) Toluene	10.635	92	1420	0.241	ug/l	96

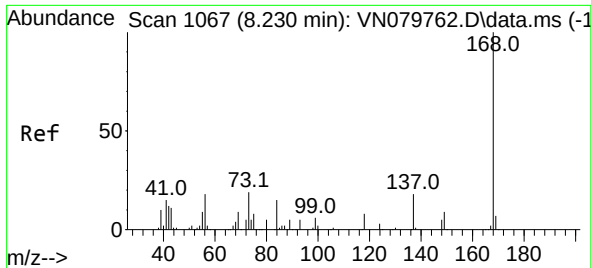
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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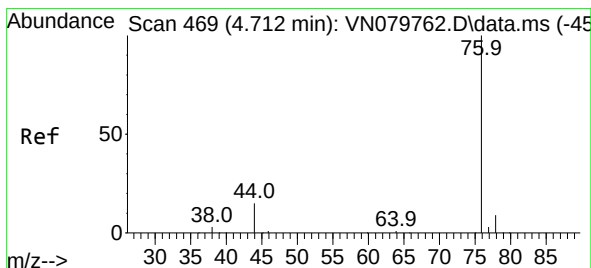
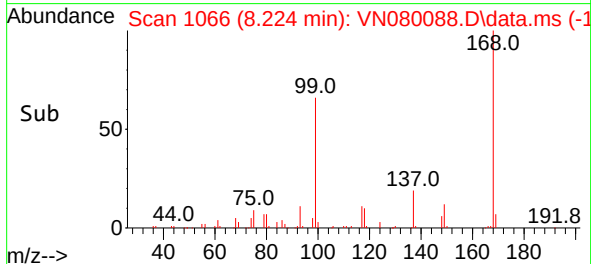
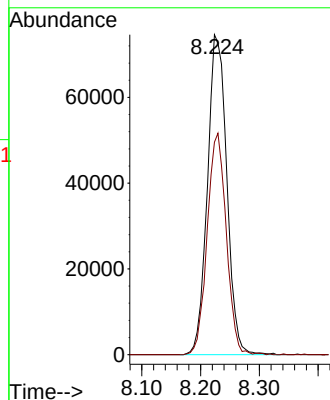
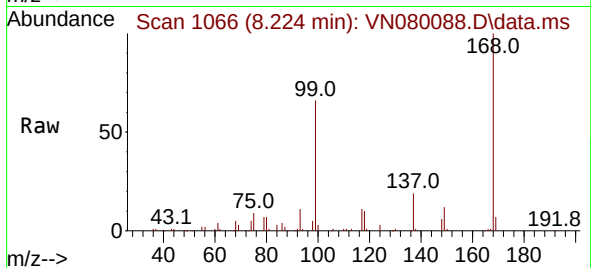




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN080088.D
Acq: 14 Nov 2023 14:51

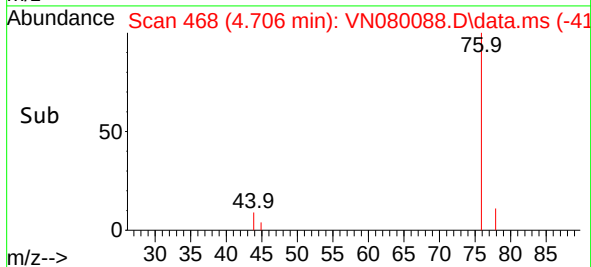
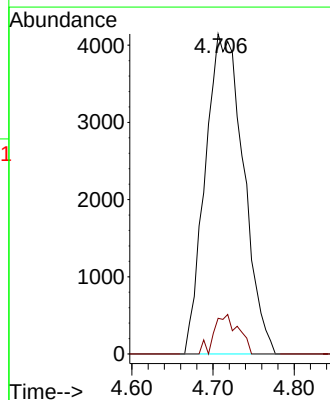
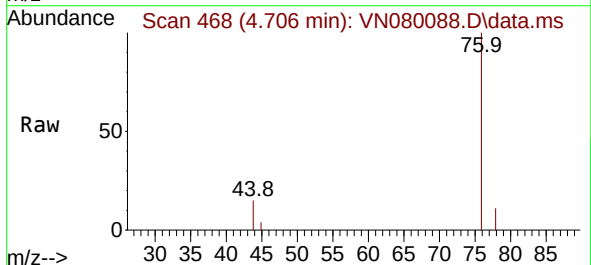
Instrument :
MSVOA_N
ClientSampleId :
CONTAMINATED-WATER

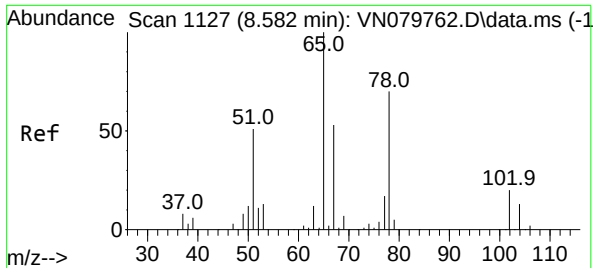
Tgt Ion:168 Resp: 170597
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#17
Carbon Disulfide
Concen: 2.554 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN080088.D
Acq: 14 Nov 2023 14:51

Tgt Ion: 76 Resp: 13530
Ion Ratio Lower Upper
76 100
78 11.2 7.4 11.0#

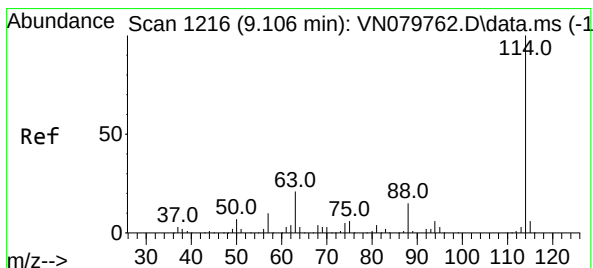
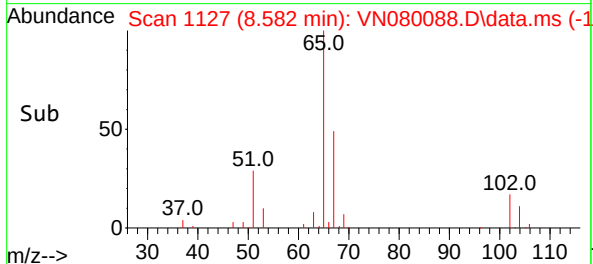
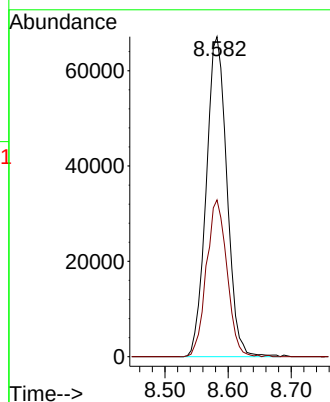
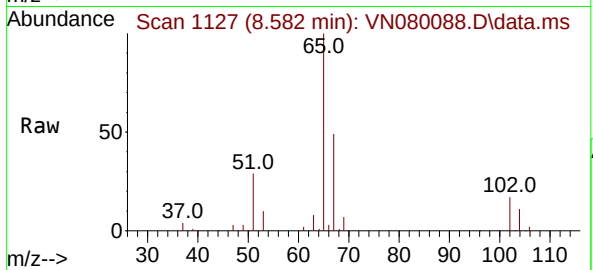




#33
 1,2-Dichloroethane-d4
 Concen: 58.668 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN080088.D
 Acq: 14 Nov 2023 14:51

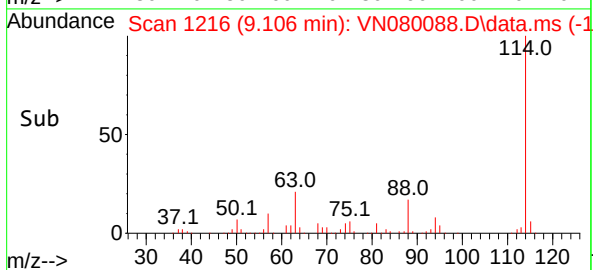
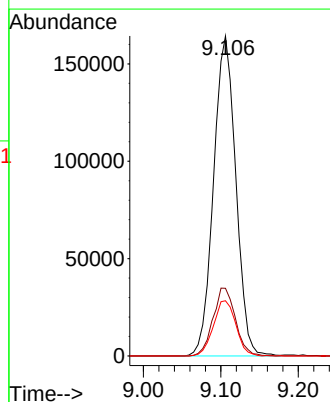
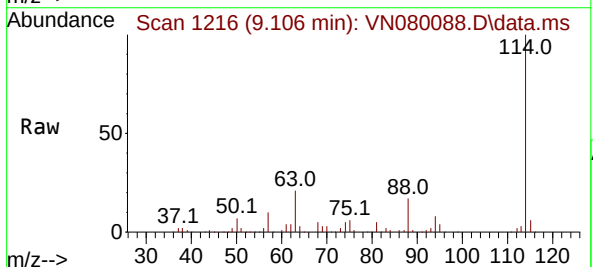
Instrument :
 MSVOA_N
 ClientSampleId :
 CONTAMINATED-WATER

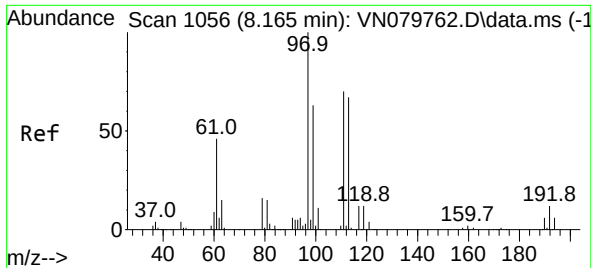
Tgt Ion: 65 Resp: 152484
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN080088.D
 Acq: 14 Nov 2023 14:51

Tgt Ion: 114 Resp: 328289
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 36.4
 88 17.3 0.0 30.6

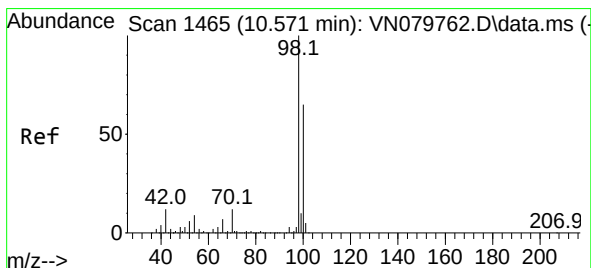
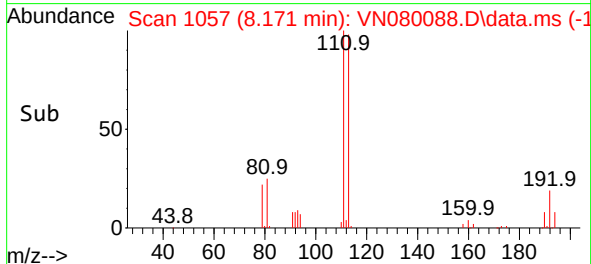
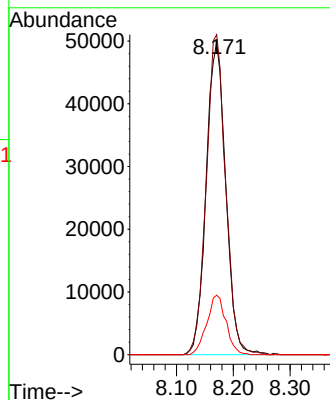
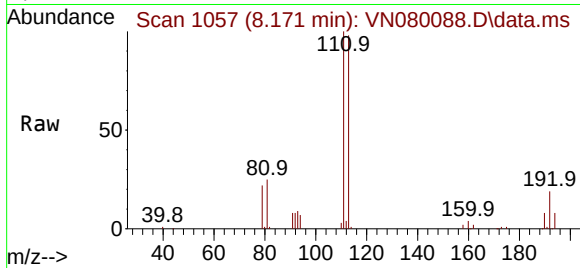




#35
Dibromofluoromethane
Concen: 51.277 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080088.D
Acq: 14 Nov 2023 14:51

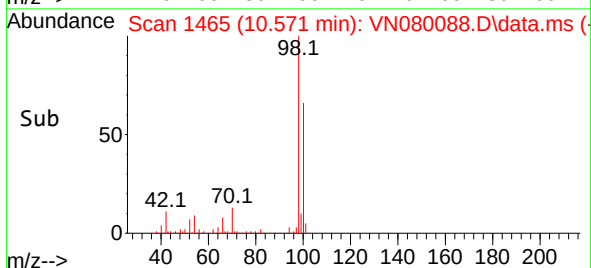
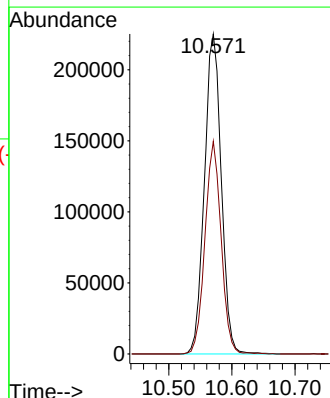
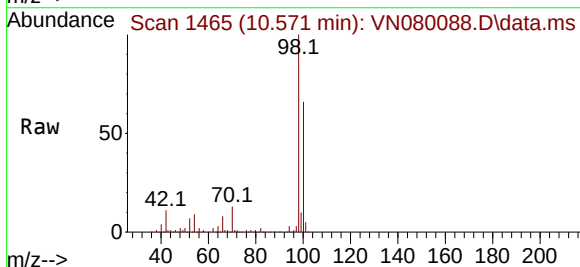
Instrument :
MSVOA_N
ClientSampleId :
CONTAMINATED-WATER

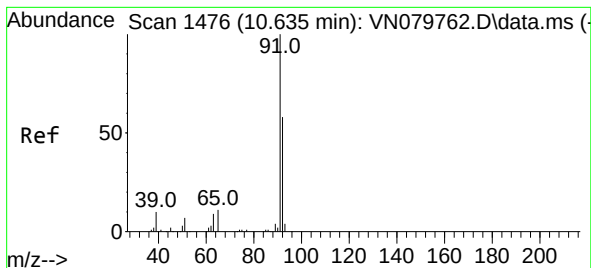
Tgt Ion:113 Resp: 119141
Ion Ratio Lower Upper
113 100
111 101.1 82.6 123.8
192 18.6 12.7 19.1



#50
Toluene-d8
Concen: 48.795 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080088.D
Acq: 14 Nov 2023 14:51

Tgt Ion: 98 Resp: 417370
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0





#52

Toluene

Concen: 0.241 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN080088.D

Acq: 14 Nov 2023 14:51

Instrument :

MSVOA_N

ClientSampleId :

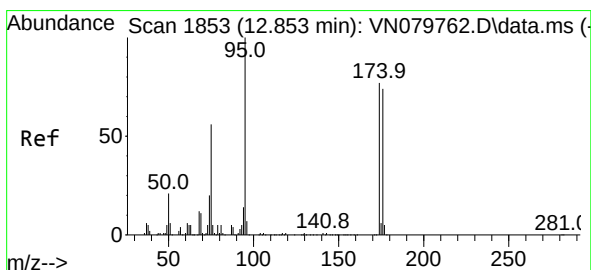
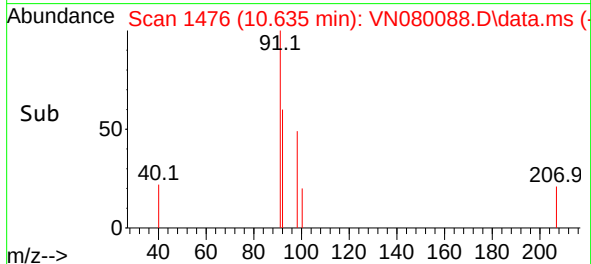
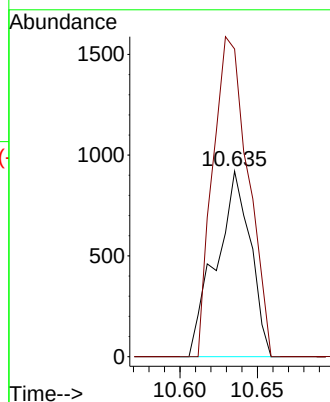
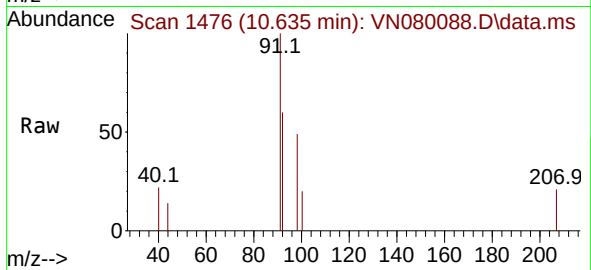
CONTAMINATED-WATER

Tgt Ion: 92 Resp: 1420

Ion Ratio Lower Upper

92 100

91 176.8 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 57.847 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN080088.D

Acq: 14 Nov 2023 14:51

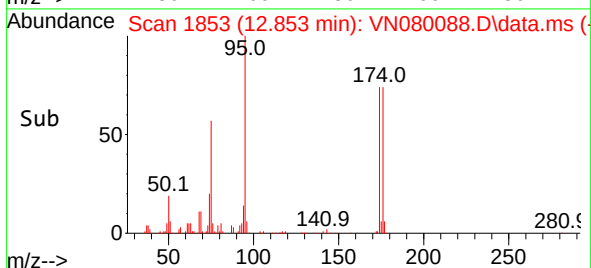
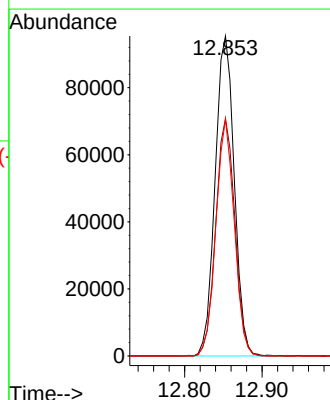
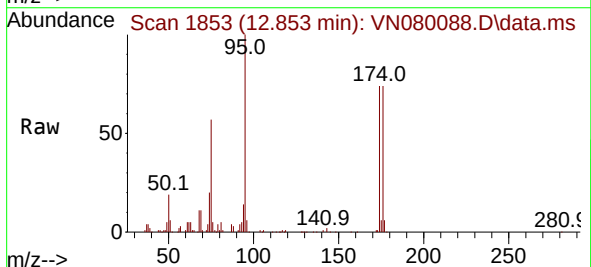
Tgt Ion: 95 Resp: 164102

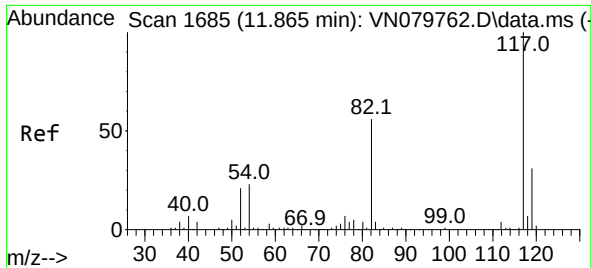
Ion Ratio Lower Upper

95 100

174 74.2 0.0 143.8

176 70.9 0.0 135.8

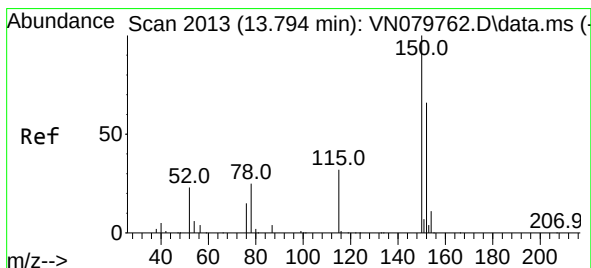
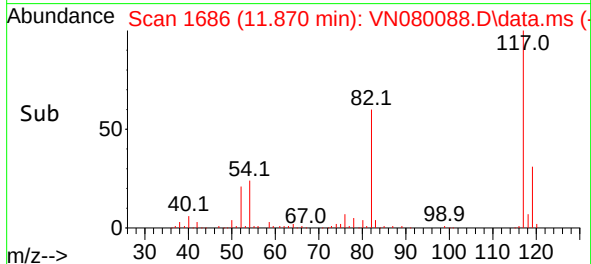
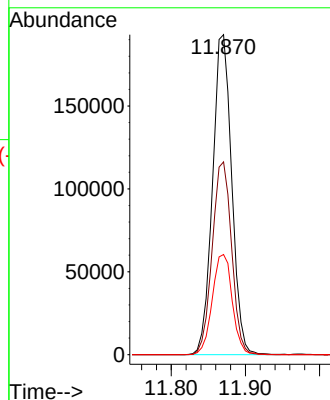
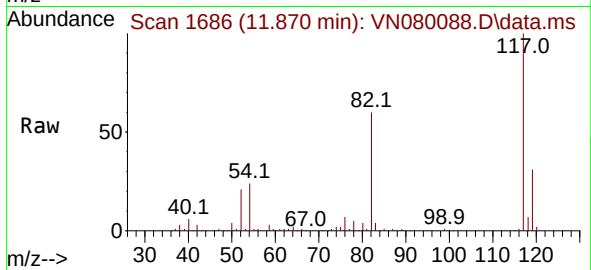




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080088.D
Acq: 14 Nov 2023 14:51

Instrument :
MSVOA_N
ClientSampleId :
CONTAMINATED-WATER

Tgt Ion:117 Resp: 346420
Ion Ratio Lower Upper
117 100
82 60.3 44.0 66.0
119 31.3 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: VN080088.D
Acq: 14 Nov 2023 14:51

Tgt Ion:152 Resp: 154193
Ion Ratio Lower Upper
152 100
115 64.9 32.3 96.8
150 157.8 0.0 355.8

