

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
 Data File : VN080091.D
 Acq On : 14 Nov 2023 16:02
 Operator : JC\MD
 Sample : 05386-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CONTAMINATED-WATER

Quant Time: Nov 15 03:57:04 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)

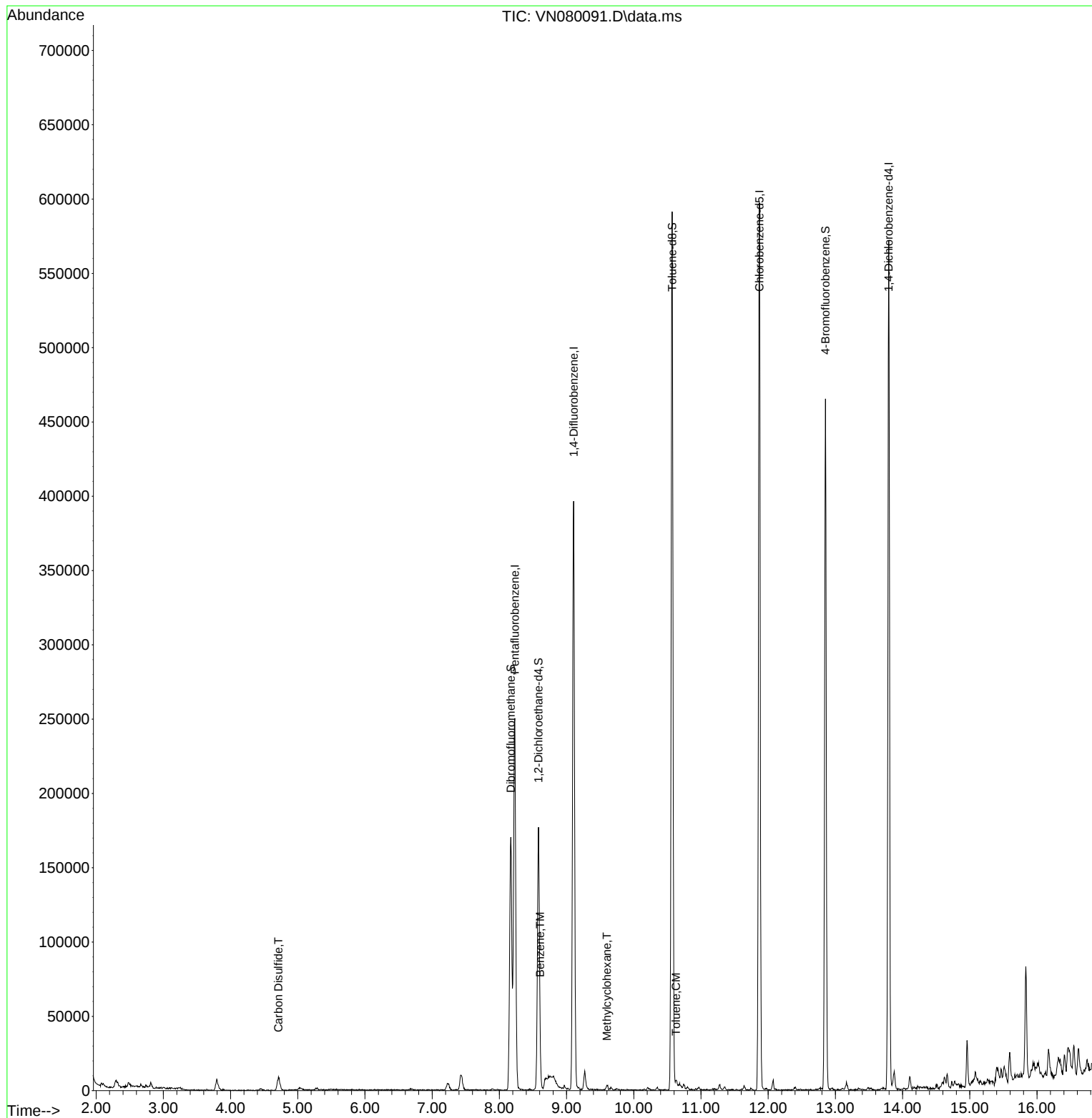
Internal Standards						
1) Pentafluorobenzene	8.230	168	171306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	326480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	337297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	152918	58.591	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.180%
35) Dibromofluoromethane	8.171	113	118624	51.337	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.680%
50) Toluene-d8	10.571	98	409166	48.100	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.853	95	162285	57.524	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.040%
Target Compounds						
17) Carbon Disulfide	4.712	76	19387	3.645	ug/l	99
39) Methylcyclohexane	9.600	83	1319	0.425	ug/l	93
40) Benzene	8.606	78	2274	0.230	ug/l #	73
52) Toluene	10.629	92	2491	0.425	ug/l	99

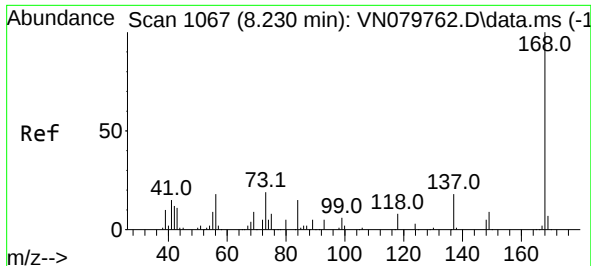
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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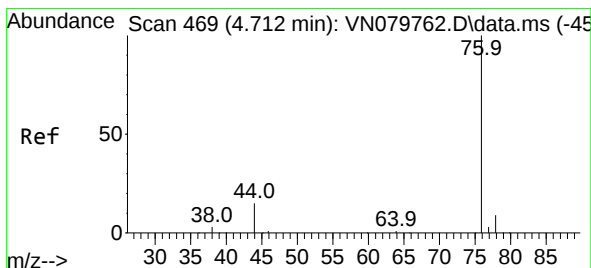
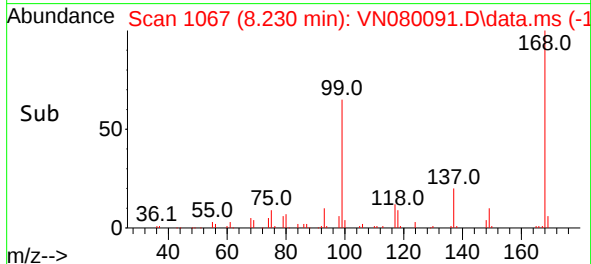
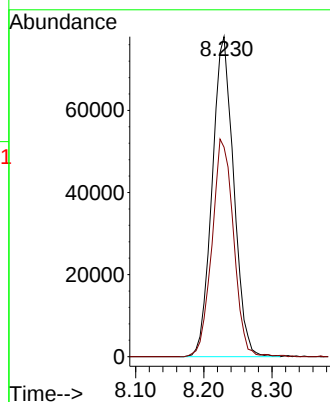
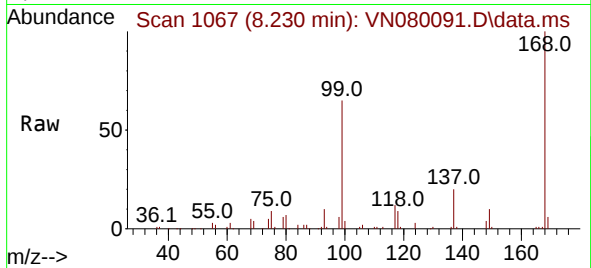




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

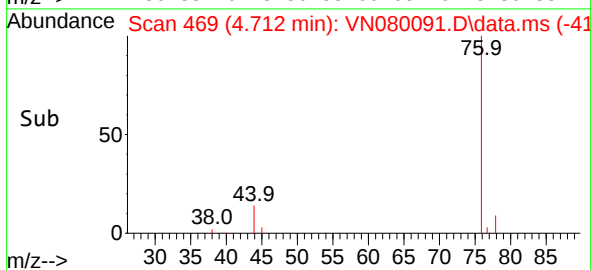
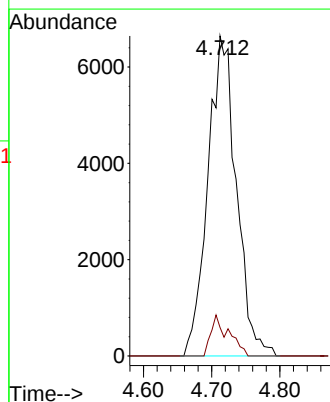
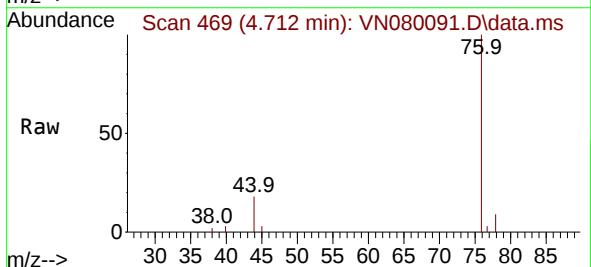
Instrument :
MSVOA_N
ClientSampleId :
CONTAMINATED-WATER

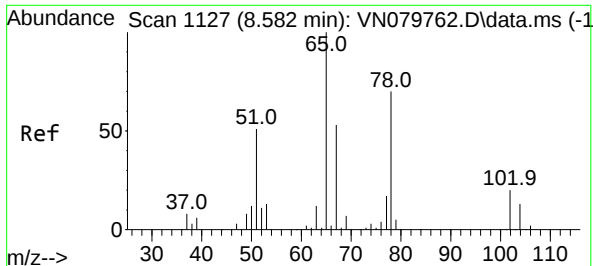
Tgt Ion:168 Resp: 171306
Ion Ratio Lower Upper
168 100
99 65.4 53.0 79.6



#17
Carbon Disulfide
Concen: 3.645 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

Tgt Ion: 76 Resp: 19387
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0





#33

1,2-Dichloroethane-d4

Concen: 58.591 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080091.D

Acq: 14 Nov 2023 16:02

Instrument :

MSVOA_N

ClientSampleId :

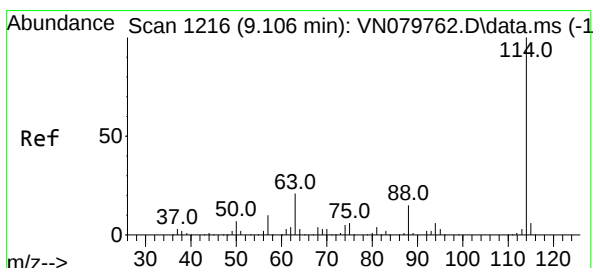
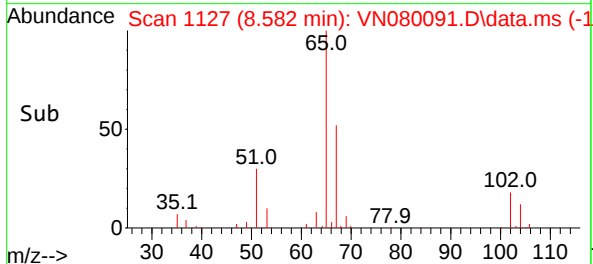
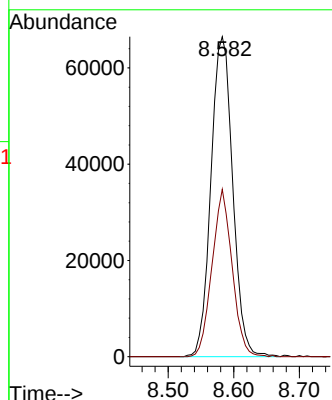
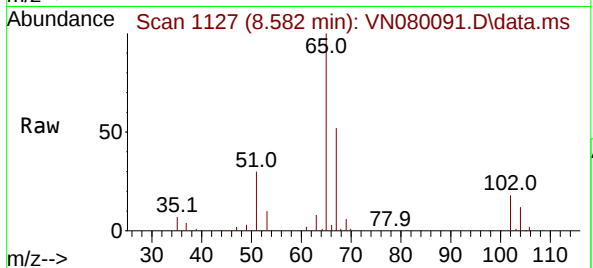
CONTAMINATED-WATER

Tgt Ion: 65 Resp: 152918

Ion Ratio Lower Upper

65 100

67 48.4 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: VN080091.D

Acq: 14 Nov 2023 16:02

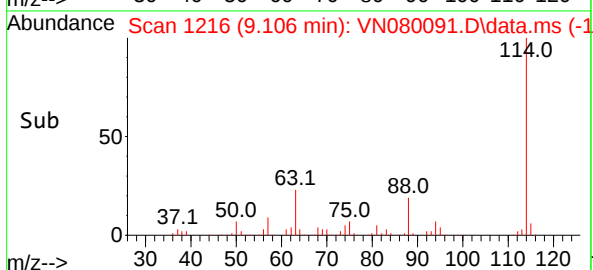
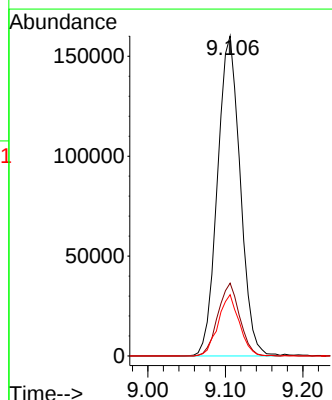
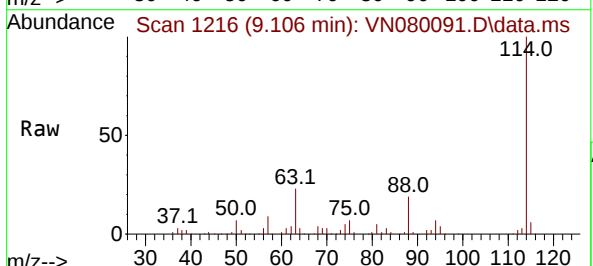
Tgt Ion: 114 Resp: 326480

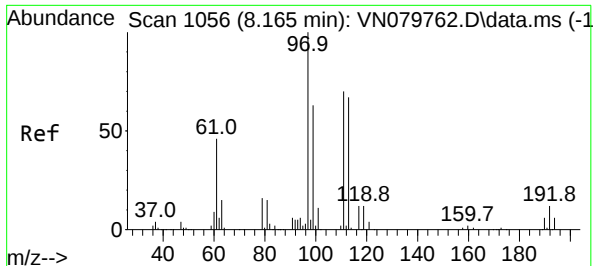
Ion Ratio Lower Upper

114 100

63 22.7 0.0 36.4

88 19.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.337 ug/l

RT: 8.171 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN080091.D

Acq: 14 Nov 2023 16:02

Instrument :

MSVOA_N

ClientSampleId :

CONTAMINATED-WATER

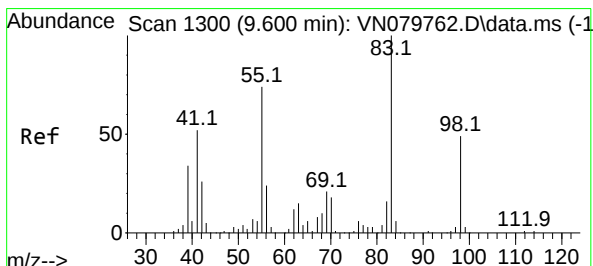
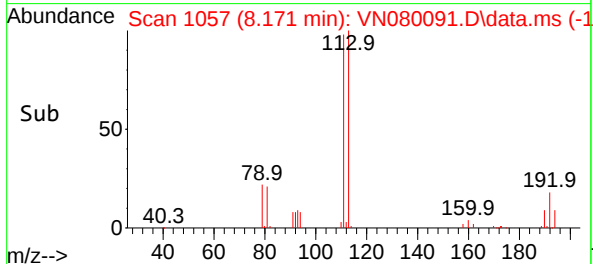
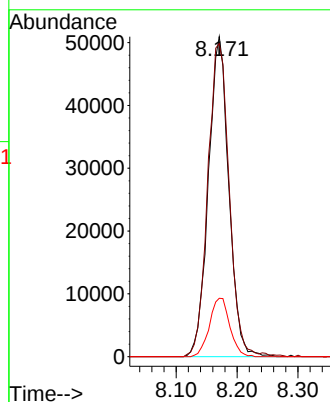
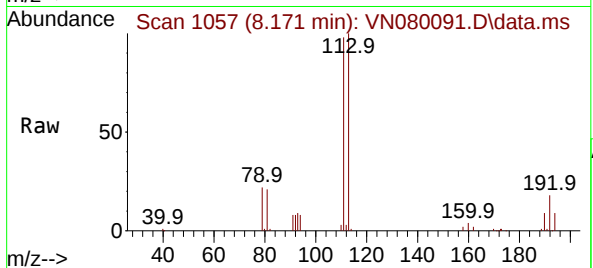
Tgt Ion:113 Resp: 118624

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 18.2 12.7 19.1



#39

Methylcyclohexane

Concen: 0.425 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN080091.D

Acq: 14 Nov 2023 16:02

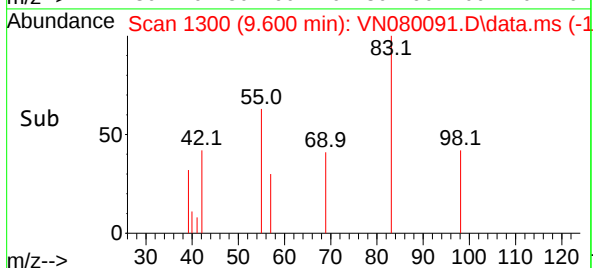
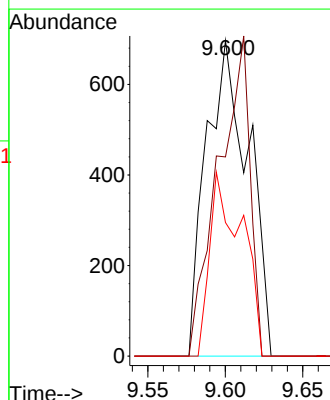
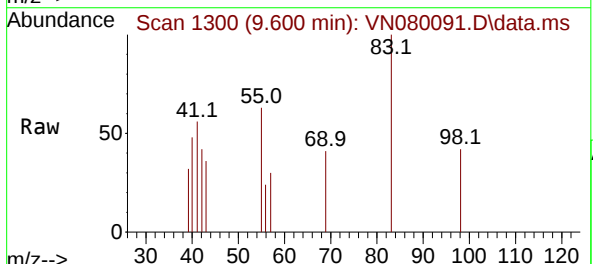
Tgt Ion: 83 Resp: 1319

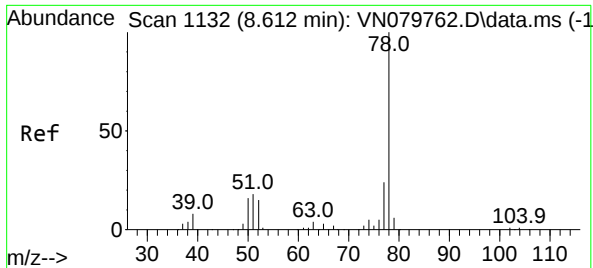
Ion Ratio Lower Upper

83 100

55 63.1 49.1 73.7

98 42.3 40.6 61.0

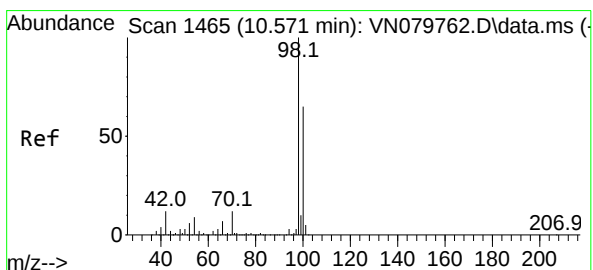
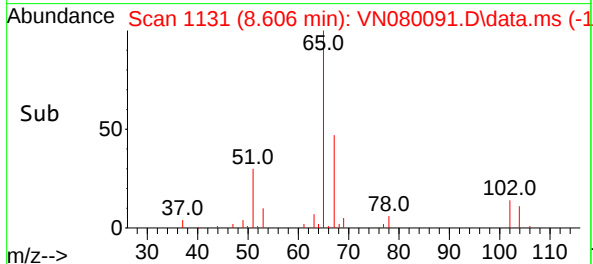
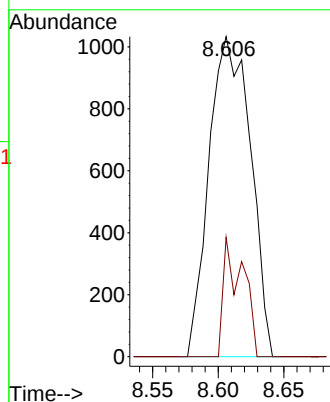
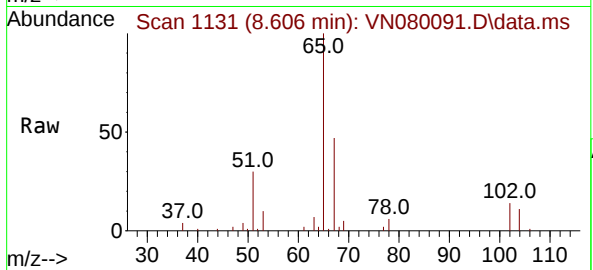




#40
Benzene
Concen: 0.230 ug/l
RT: 8.606 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

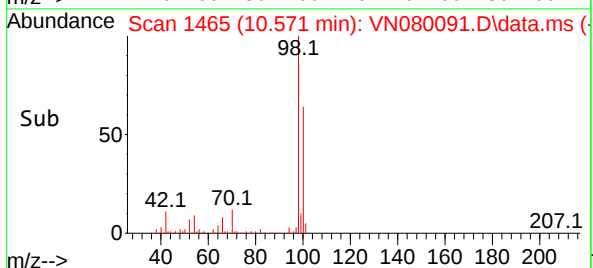
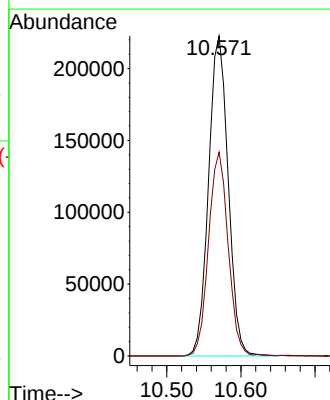
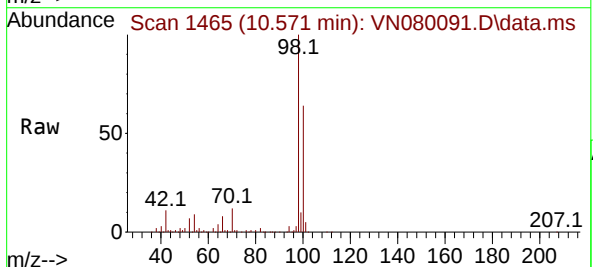
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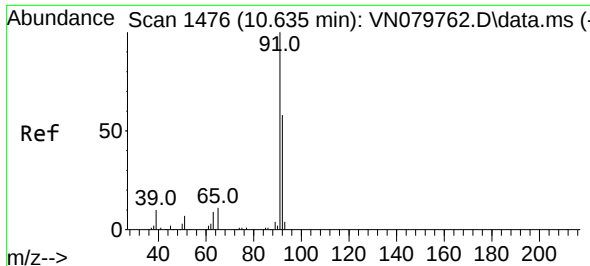
Tgt Ion: 78 Resp: 2274
Ion Ratio Lower Upper
78 100
77 37.3 19.0 28.6#



#50
Toluene-d8
Concen: 48.100 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

Tgt Ion: 98 Resp: 409166
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

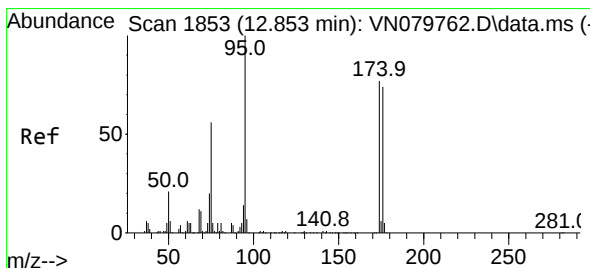
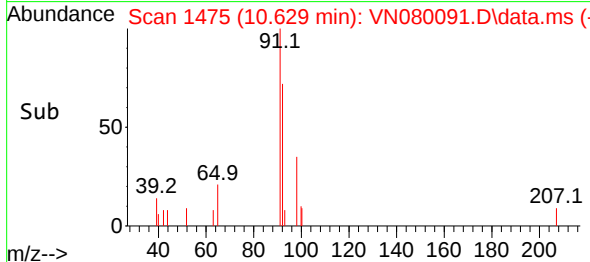
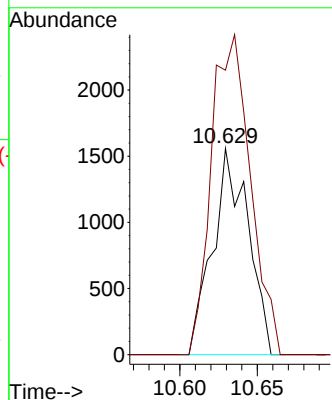
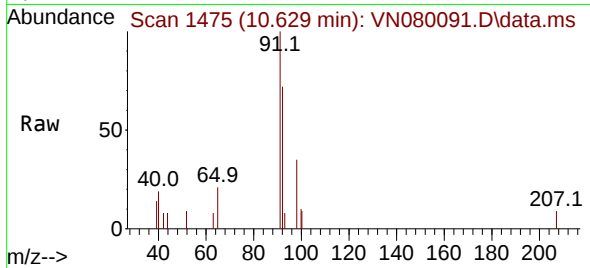




#52
Toluene
Concen: 0.425 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

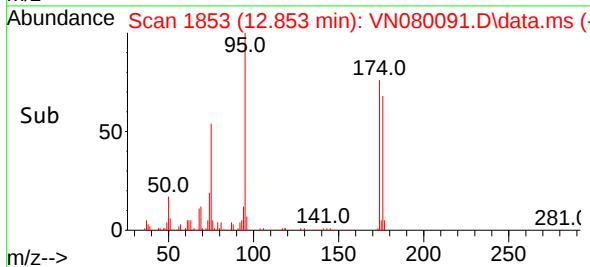
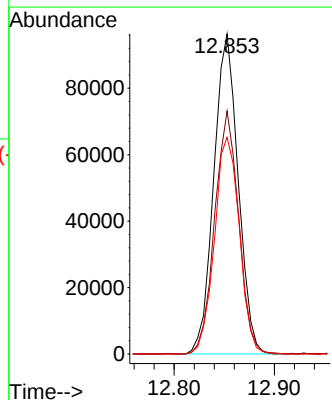
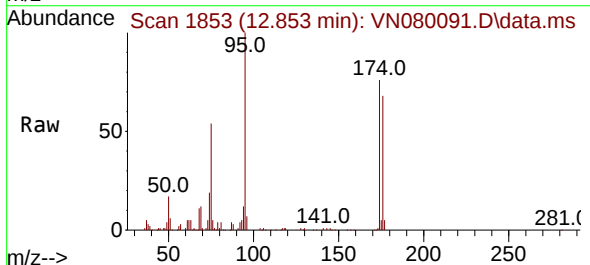
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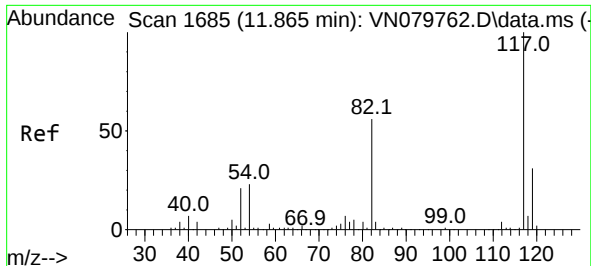
Tgt Ion: 92 Resp: 2491
Ion Ratio Lower Upper
92 100
91 170.5 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 57.524 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

Tgt Ion: 95 Resp: 162285
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 69.1 0.0 135.8

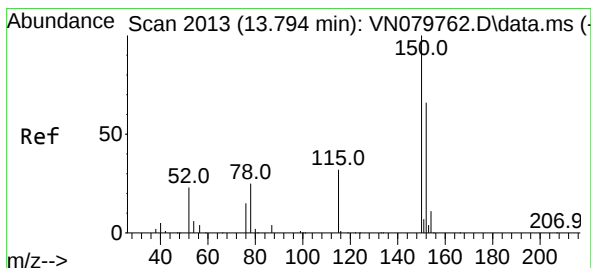
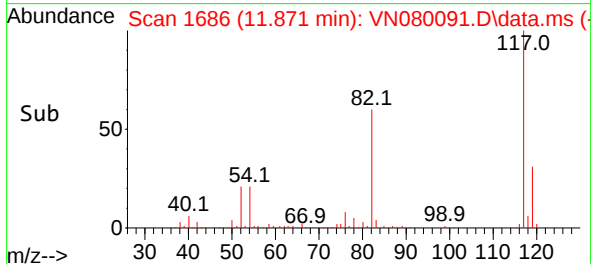
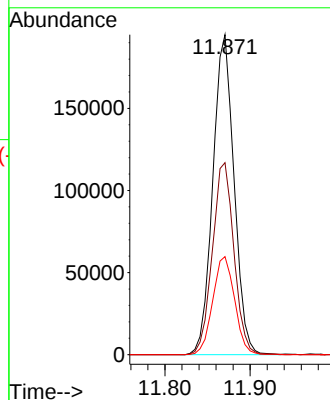
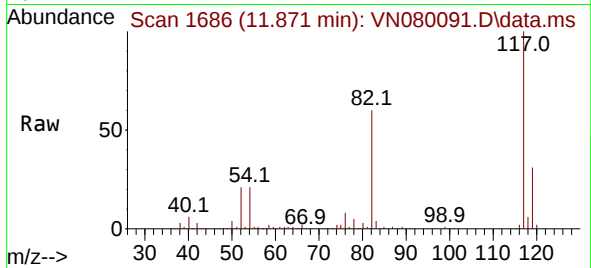




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN080091.D
Acq: 14 Nov 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :
CONTAMINATED-WATER

Tgt Ion:117 Resp: 337297
Ion Ratio Lower Upper
117 100
82 60.0 44.0 66.0
119 30.7 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: VN080091.D
Acq: 14 Nov 2023 16:02

Tgt Ion:152 Resp: 149110
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 157.2 0.0 355.8

