

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082323\
 Data File : VN079013.D
 Acq On : 23 Aug 2023 13:59
 Operator : JC\MD
 Sample : 04121-01 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-W-20230822

Quant Time: Aug 24 01:10:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

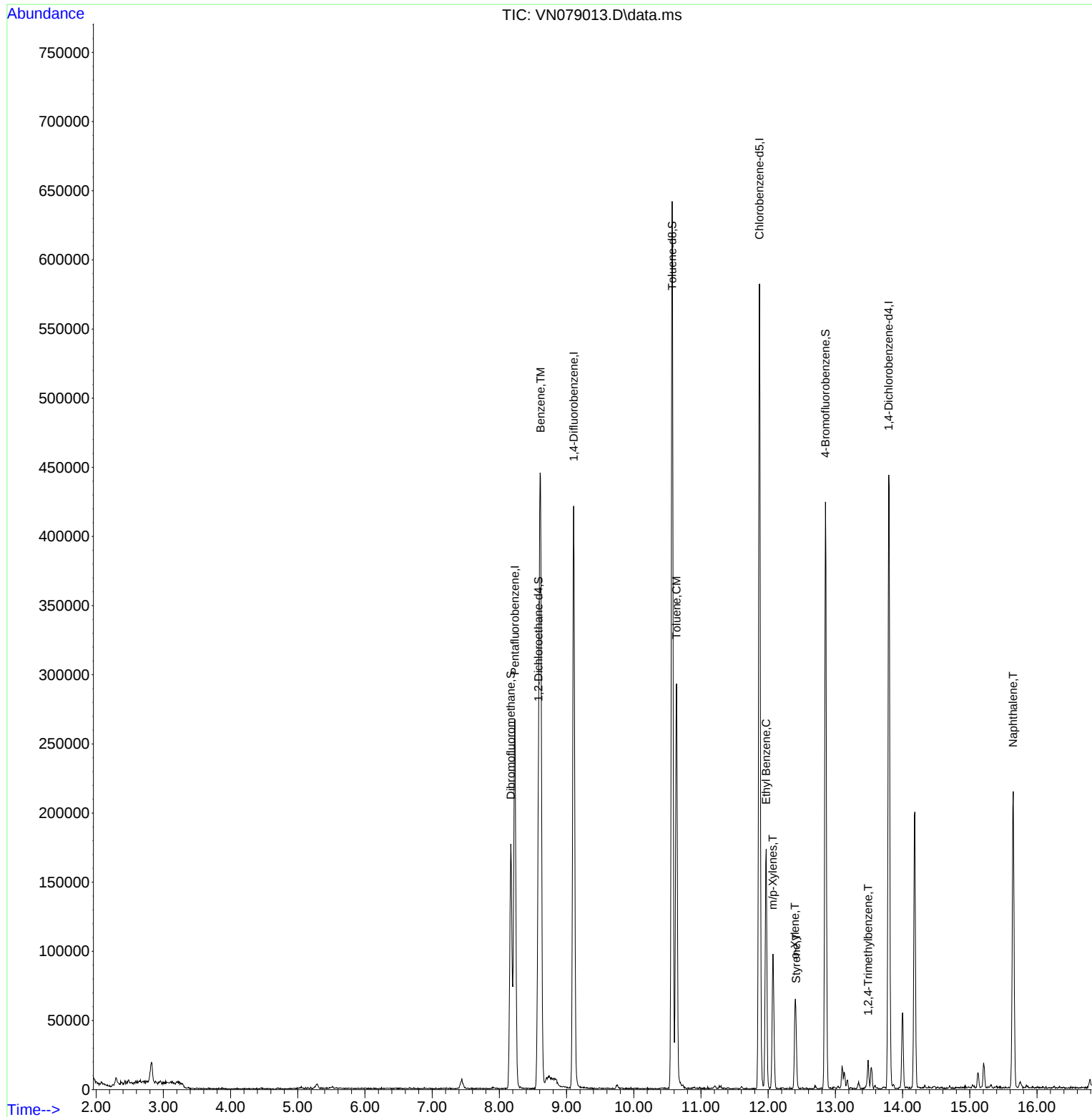
Internal Standards						
1) Pentafluorobenzene	8.230	168	189385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	351122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	323625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	148236	50.301	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.600%	
35) Dibromofluoromethane	8.171	113	122371	51.774	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.540%	
50) Toluene-d8	10.571	98	426284	48.573	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.140%	
62) 4-Bromofluorobenzene	12.853	95	139865	48.758	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.520%	
Target Compounds						Qvalue
40) Benzene	8.612	78	407926	38.817	ug/l	100
52) Toluene	10.635	92	124633	19.317	ug/l	99
67) Ethyl Benzene	11.970	91	124348	9.926	ug/l	96
68) m/p-Xylenes	12.070	106	29683	6.337	ug/l	95
69) o-Xylene	12.400	106	15598	3.423	ug/l	99
70) Styrene	12.417	104	9894	1.302	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.488	105	10573	1.382	ug/l	98
95) Naphthalene	15.647	128	187515	35.583	ug/l	98

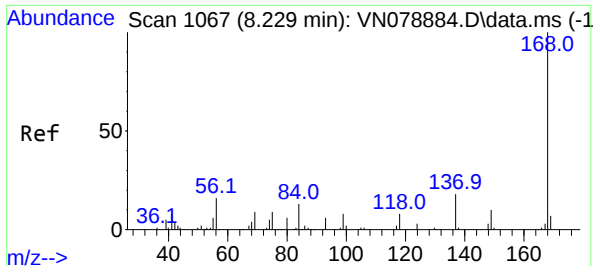
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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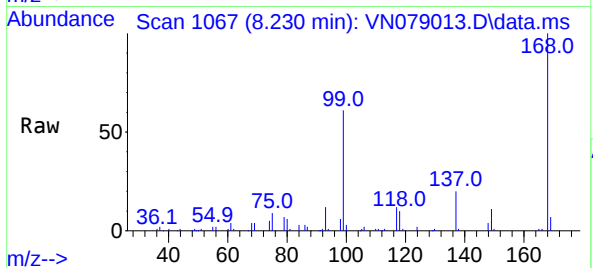
Quant Time: Aug 24 01:10:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
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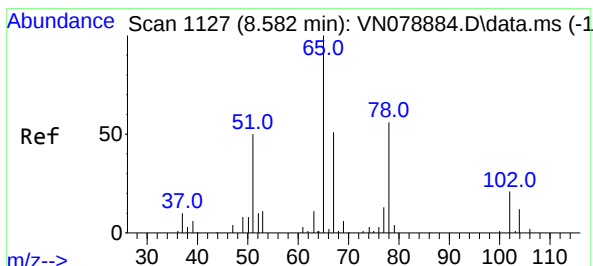
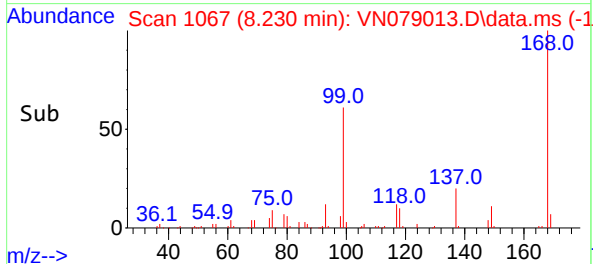
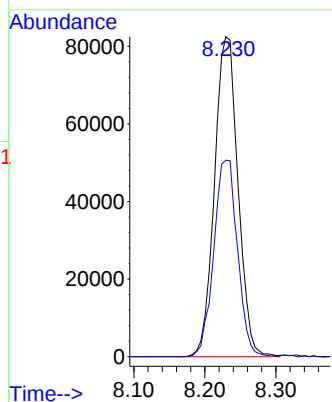


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079013.D
Acq: 23 Aug 2023 13:59

Instrument :
MSVOA_N
ClientSampleId :
IDW-W-20230822

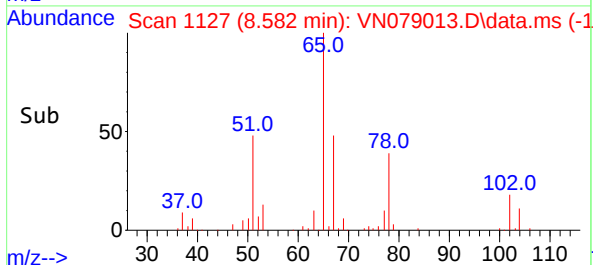
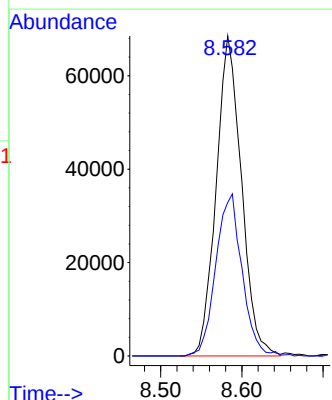
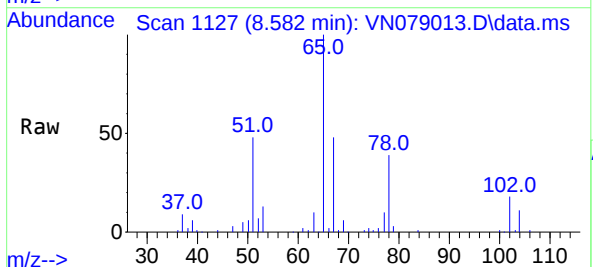


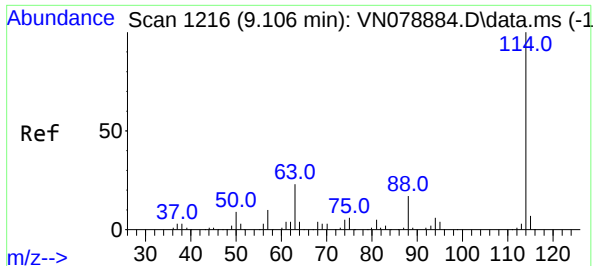
Tgt Ion:168 Resp: 189385
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.301 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079013.D
Acq: 23 Aug 2023 13:59

Tgt Ion: 65 Resp: 148236
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6

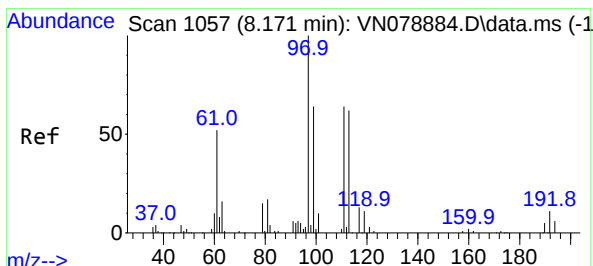
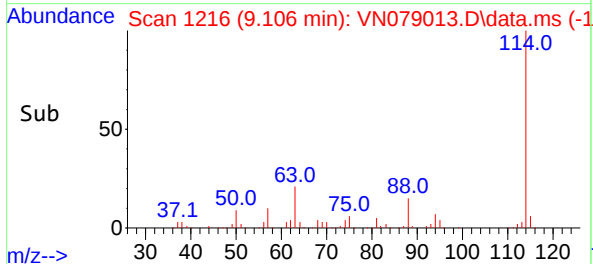
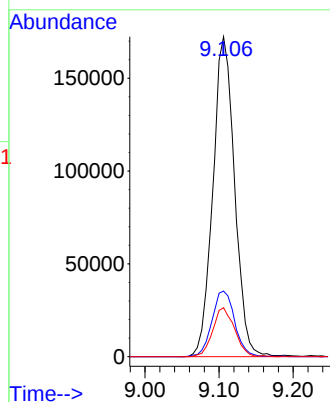
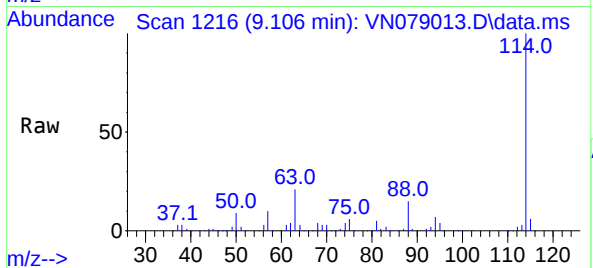




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079013.D
Acq: 23 Aug 2023 13:59

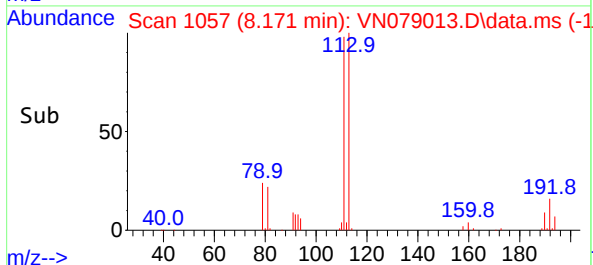
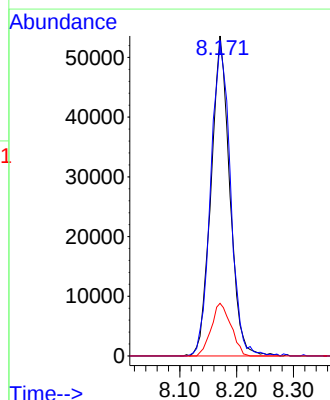
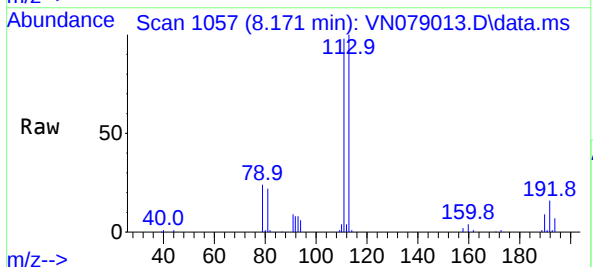
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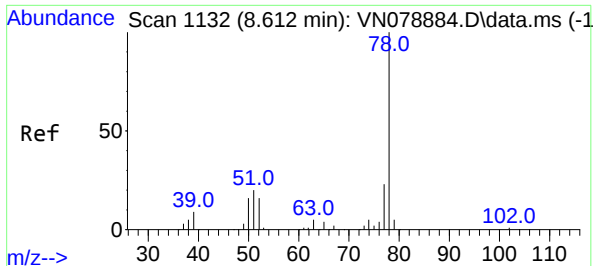
Tgt Ion:114 Resp: 351122
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.774 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079013.D
Acq: 23 Aug 2023 13:59

Tgt Ion:113 Resp: 122371
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 17.3 12.7 19.1

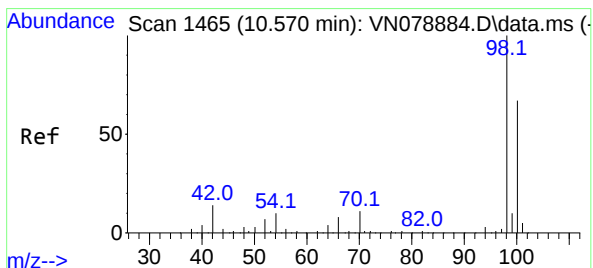
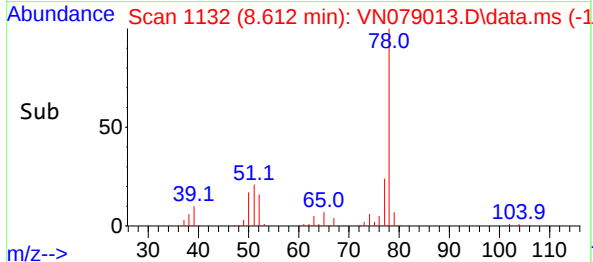
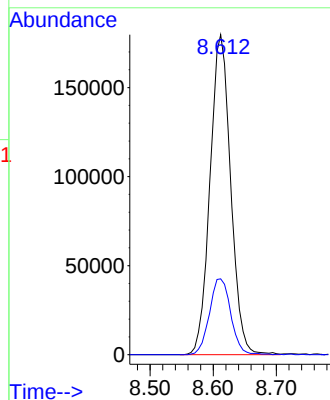
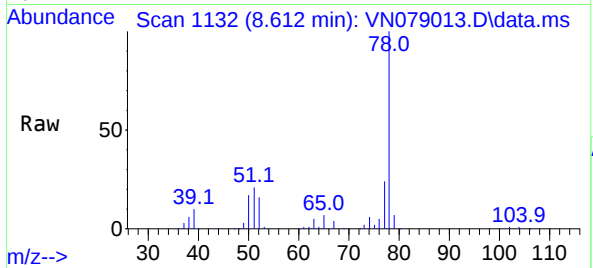




#40
Benzene
Concen: 38.817 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079013.D
Acq: 23 Aug 2023 13:59

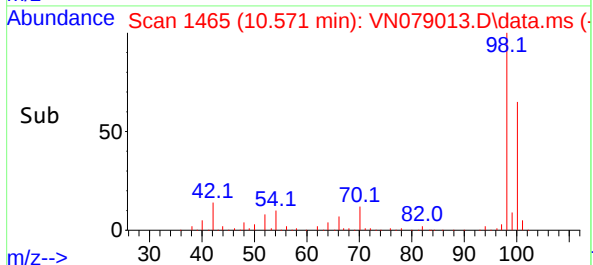
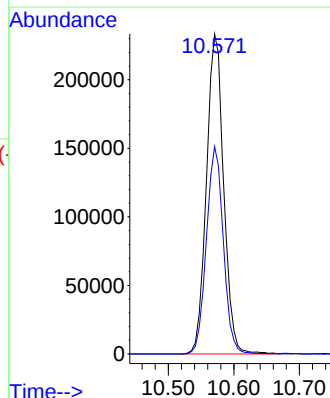
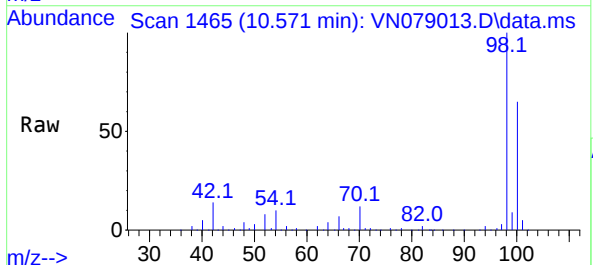
Instrument :
MSVOA_N
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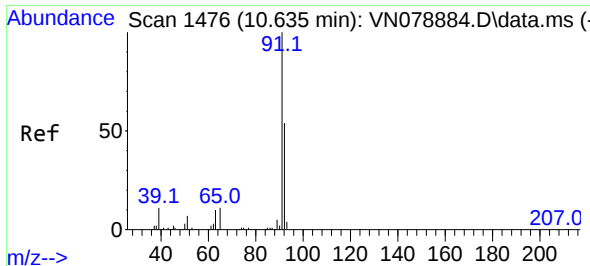
Tgt Ion: 78 Resp: 407926
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6



#50
Toluene-d8
Concen: 48.573 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079013.D
Acq: 23 Aug 2023 13:59

Tgt Ion: 98 Resp: 426284
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

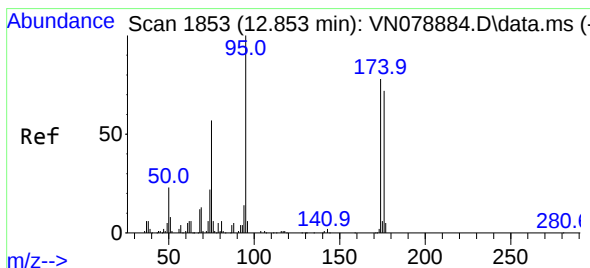
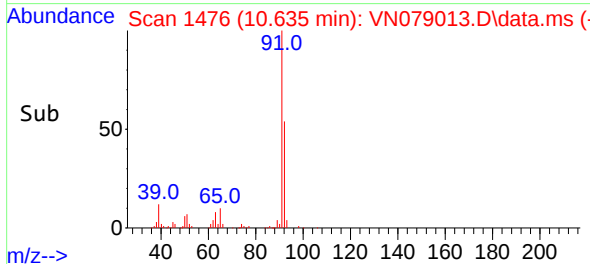
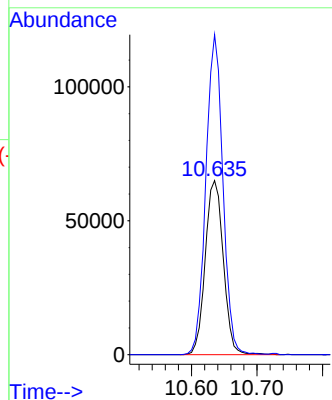
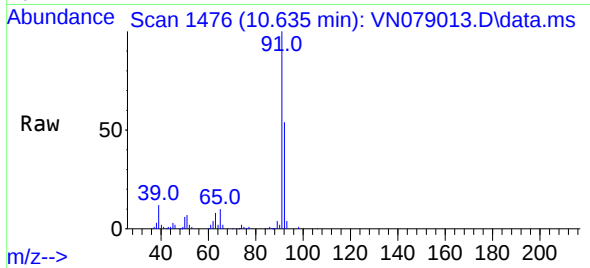




#52
Toluene
Concen: 19.317 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079013.D
Acq: 23 Aug 2023 13:59

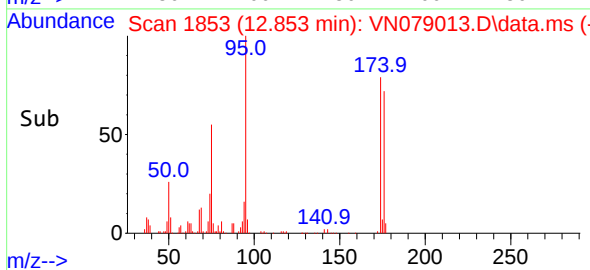
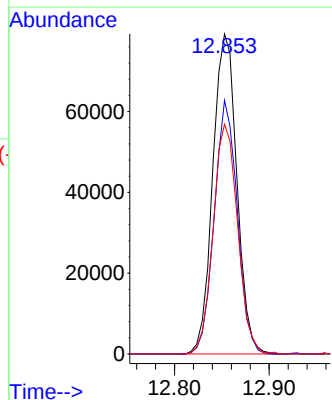
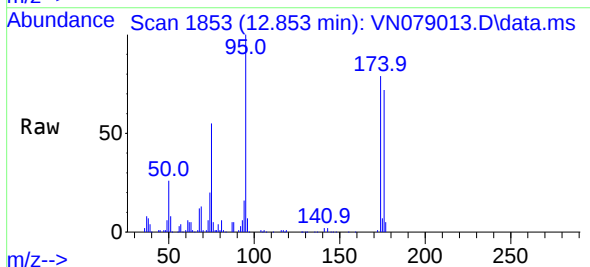
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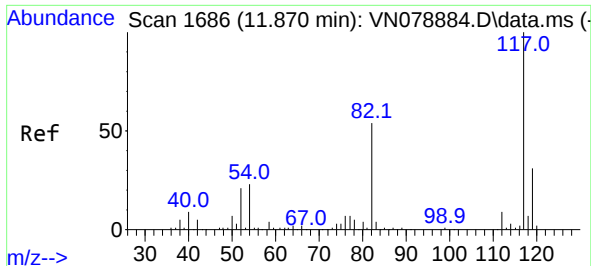
Tgt Ion: 92 Resp: 124633
Ion Ratio Lower Upper
92 100
91 173.4 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 48.758 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079013.D
Acq: 23 Aug 2023 13:59

Tgt Ion: 95 Resp: 139865
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 72.9 0.0 135.8

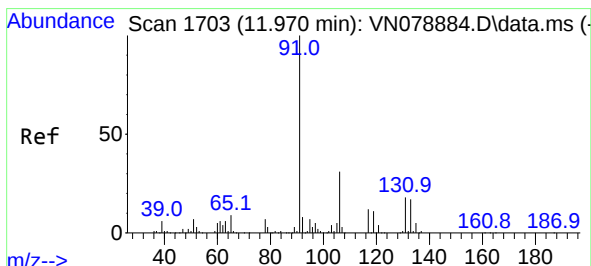
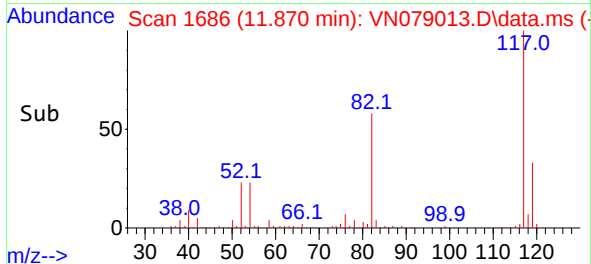
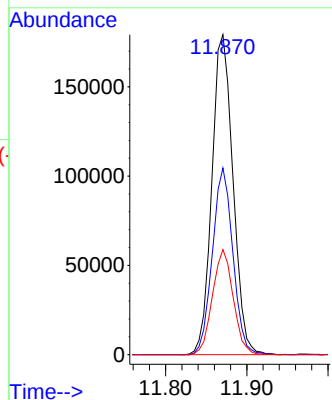
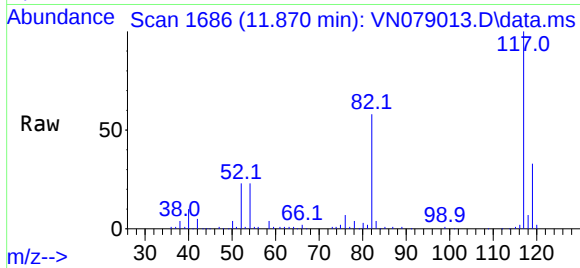




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079013.D
Acq: 23 Aug 2023 13:59

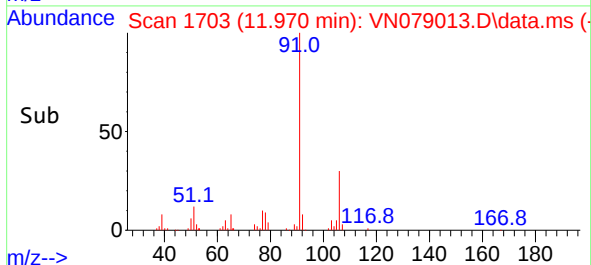
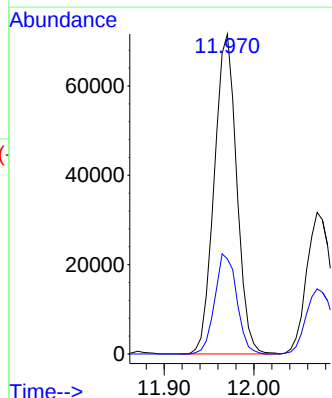
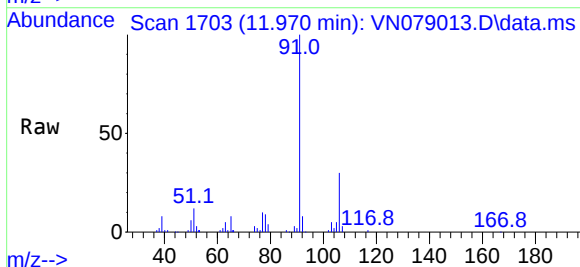
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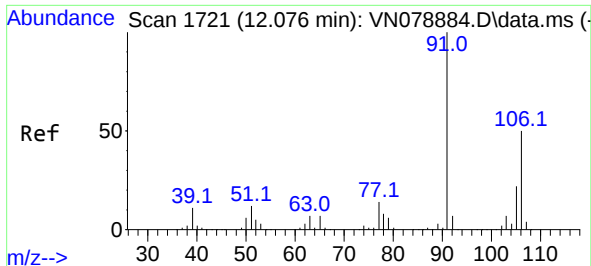
Tgt Ion:117 Resp: 323625
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 32.9 25.6 38.4



#67
Ethyl Benzene
Concen: 9.926 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079013.D
Acq: 23 Aug 2023 13:59

Tgt Ion: 91 Resp: 124348
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

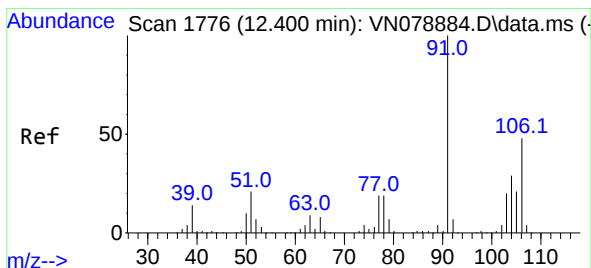
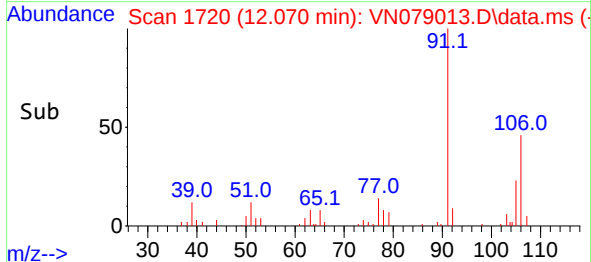
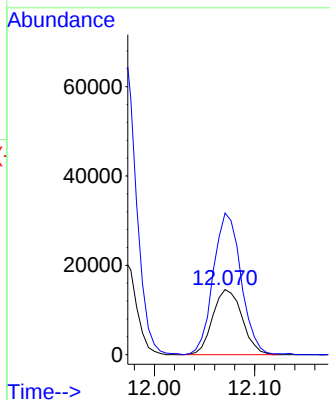
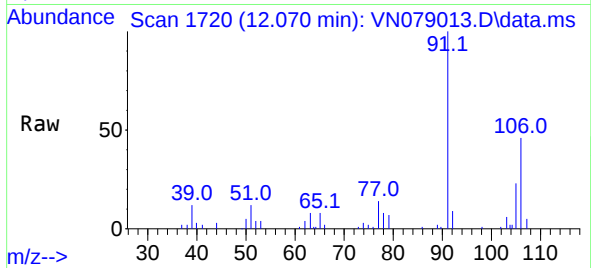




#68
m/p-Xylenes
Concen: 6.337 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN079013.D
Acq: 23 Aug 2023 13:59

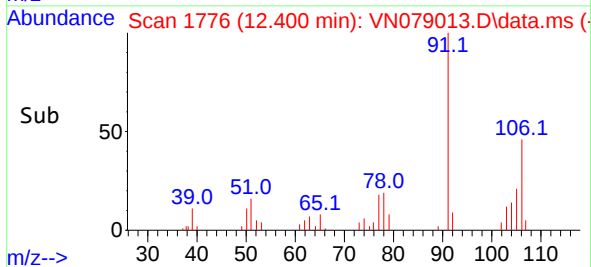
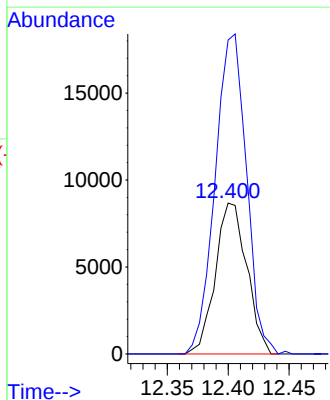
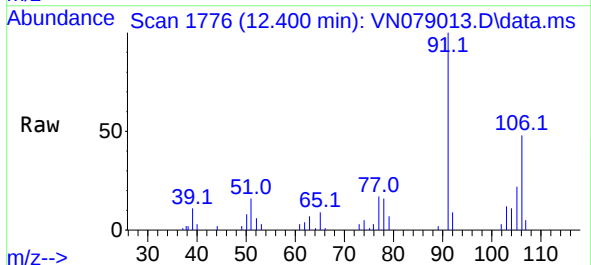
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ClientSampleId :
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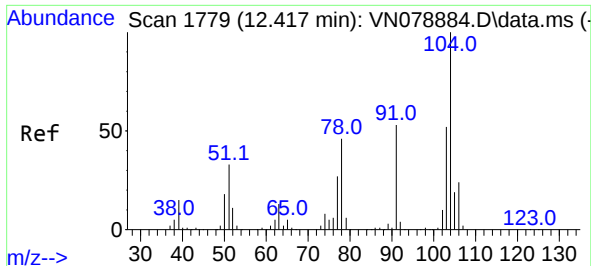
Tgt Ion:106 Resp: 29683
Ion Ratio Lower Upper
106 100
91 206.4 159.6 239.4



#69
o-Xylene
Concen: 3.423 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079013.D
Acq: 23 Aug 2023 13:59

Tgt Ion:106 Resp: 15598
Ion Ratio Lower Upper
106 100
91 211.4 105.2 315.5

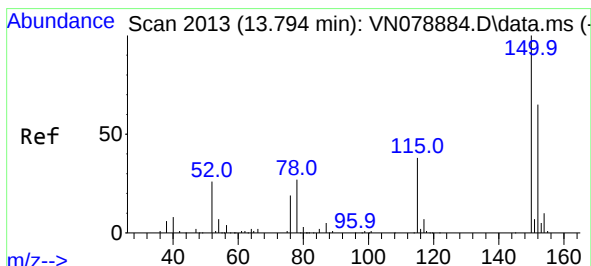
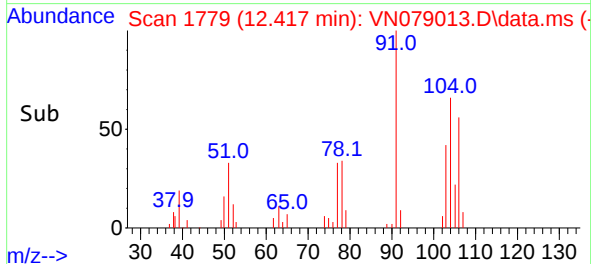
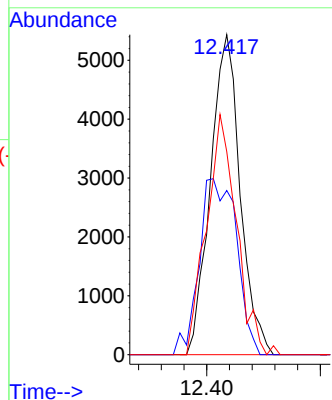
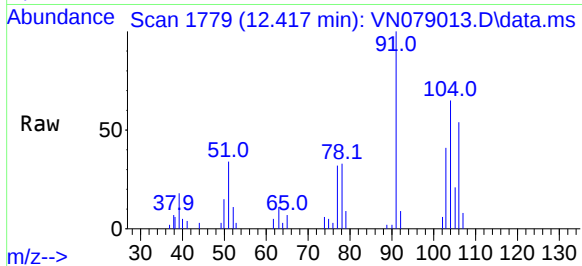




#70
Styrene
Concen: 1.302 ug/l
RT: 12.417 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN079013.D
Acq: 23 Aug 2023 13:59

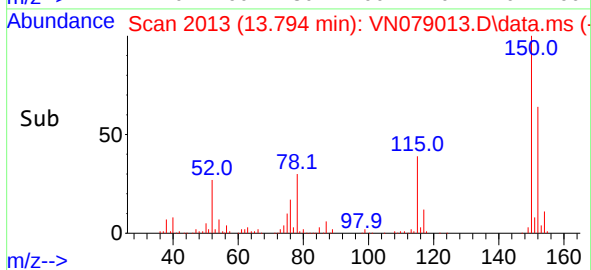
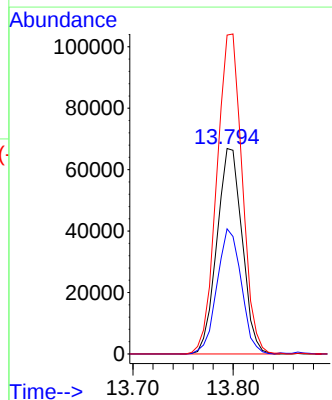
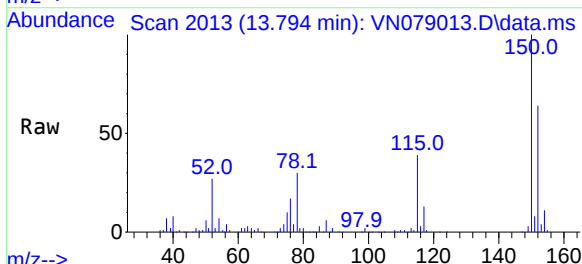
Instrument :
MSVOA_N
ClientSampleId :
IDW-W-20230822

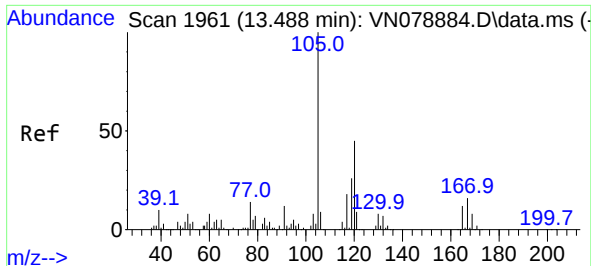
Tgt Ion:104 Resp: 9894
Ion Ratio Lower Upper
104 100
78 68.8 39.5 59.3#
103 75.8 43.2 64.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079013.D
Acq: 23 Aug 2023 13:59

Tgt Ion:152 Resp: 116928
Ion Ratio Lower Upper
152 100
115 58.6 32.3 96.8
150 156.6 0.0 355.8

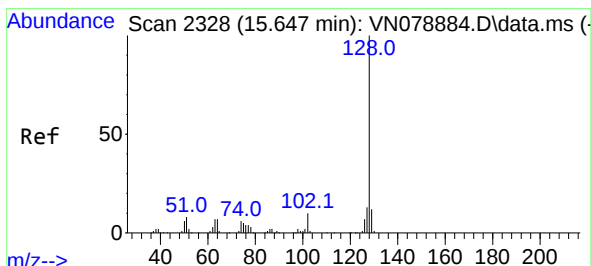
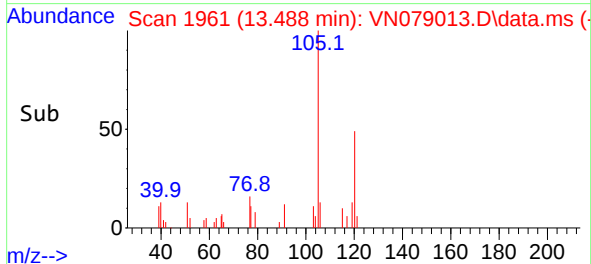
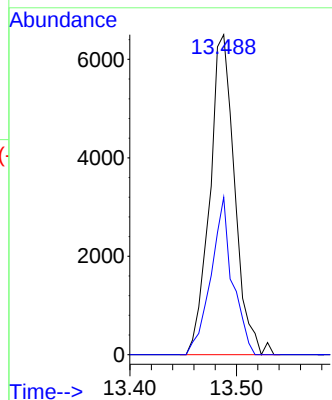
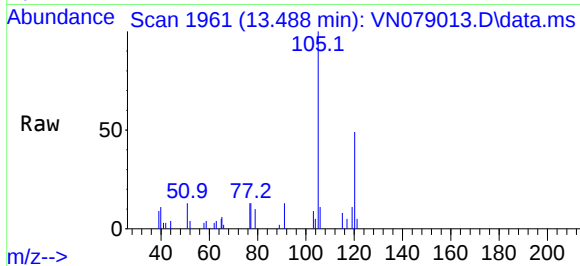




#84
1,2,4-Trimethylbenzene
Concen: 1.382 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079013.D
Acq: 23 Aug 2023 13:59

Instrument :
MSVOA_N
ClientSampleId :
IDW-W-20230822

Tgt Ion:105 Resp: 10573
Ion Ratio Lower Upper
105 100
120 42.6 22.0 66.0



#95
Naphthalene
Concen: 35.583 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079013.D
Acq: 23 Aug 2023 13:59

Tgt Ion:128 Resp: 187515
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 10.9 8.7 13.1

