

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079978.D
 Acq On : 07 Nov 2023 20:34
 Operator : JC\MD
 Sample : 05107-34 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1081

Quant Time: Nov 08 04:35:51 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)

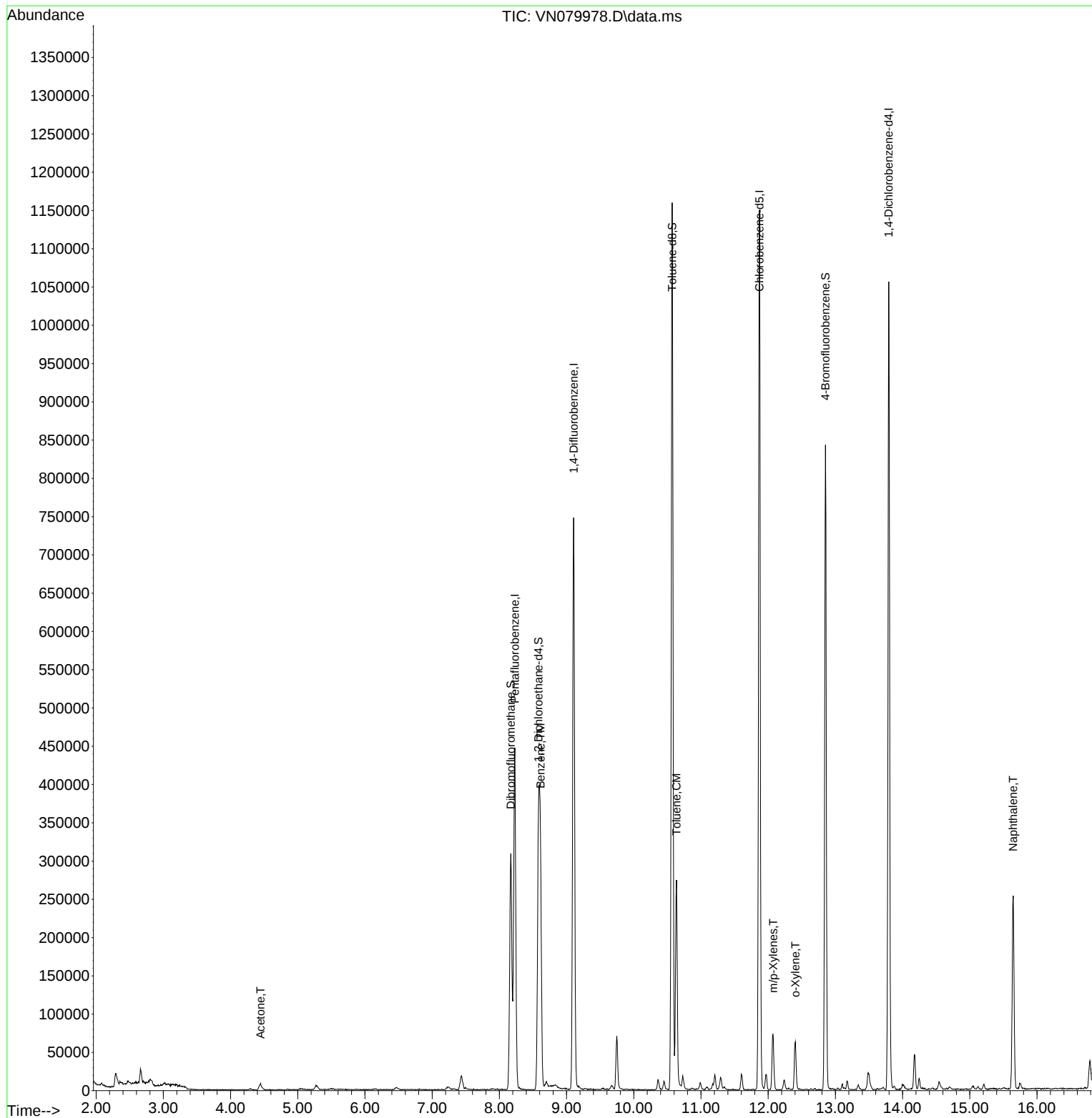
Internal Standards						
1) Pentafluorobenzene	8.230	168	305026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	621609	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	645081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	269261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	264000	56.809	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 113.620%		
35) Dibromofluoromethane	8.171	113	219146	49.812	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.620%		
50) Toluene-d8	10.571	98	775934	47.909	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.820%		
62) 4-Bromofluorobenzene	12.853	95	284591	52.982	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.960%		
Target Compounds						
						Qvalue
16) Acetone	4.447	43	14741	9.030	ug/l	96
40) Benzene	8.612	78	295278	15.694	ug/l	99
52) Toluene	10.635	92	115672	10.370	ug/l	98
68) m/p-Xylenes	12.076	106	23212	2.556	ug/l	96
69) o-Xylene	12.406	106	16942	1.937	ug/l	94
95) Naphthalene	15.647	128	230102	16.242	ug/l	99

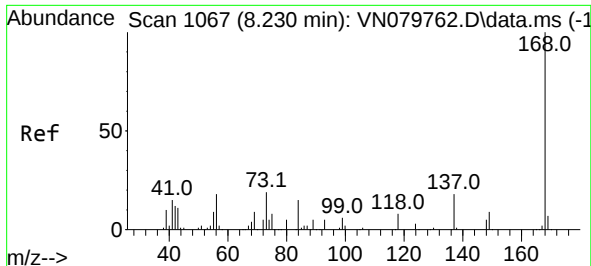
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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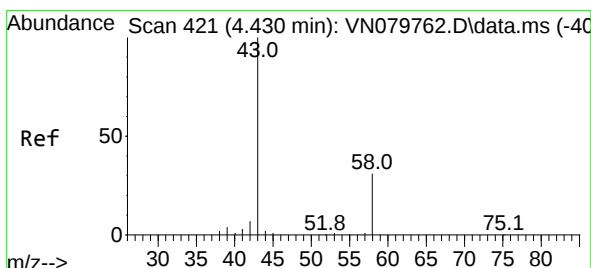
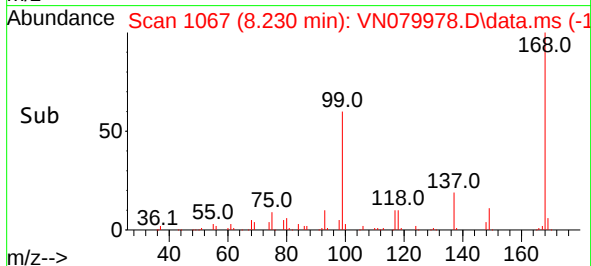
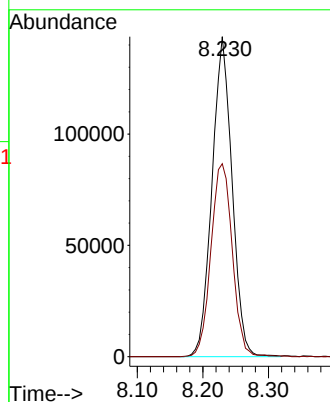
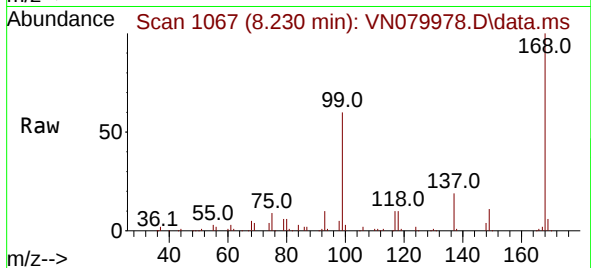




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1081
Delta R.T. 0.001 min
Lab File: VN079978.D
Acq: 07 Nov 2023 20:34

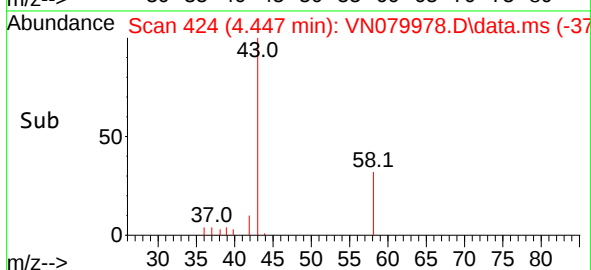
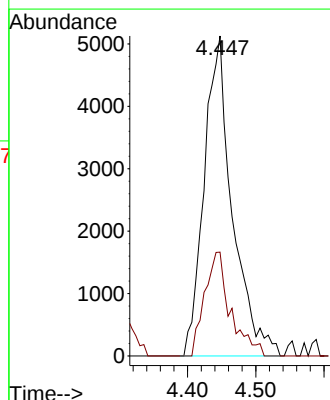
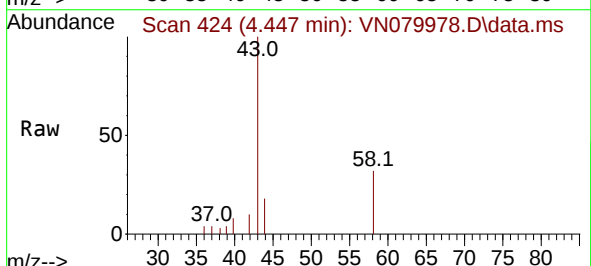
Instrument :
MSVOA_N
ClientSampleId :
1081

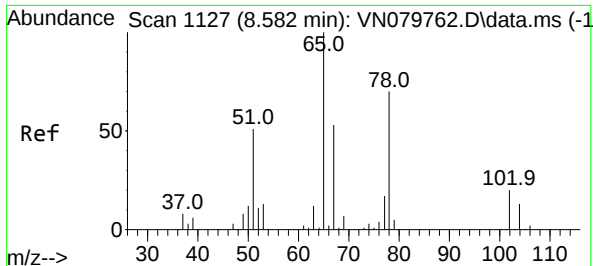
Tgt Ion:168 Resp: 305026
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6



#16
Acetone
Concen: 9.030 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN079978.D
Acq: 07 Nov 2023 20:34

Tgt Ion: 43 Resp: 14741
Ion Ratio Lower Upper
43 100
58 32.5 28.0 42.0

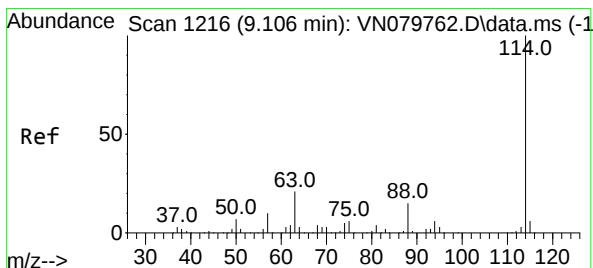
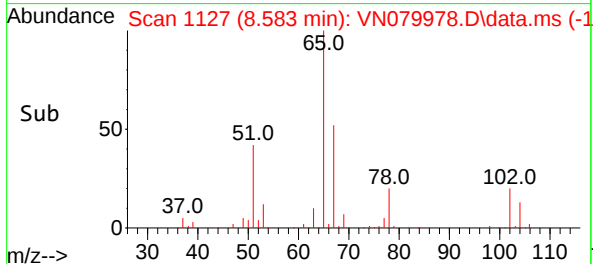
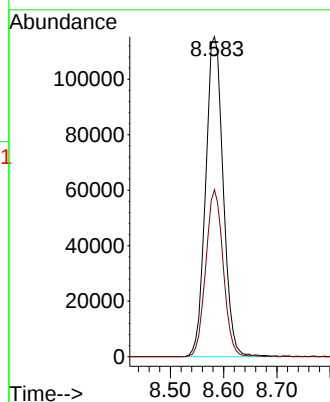
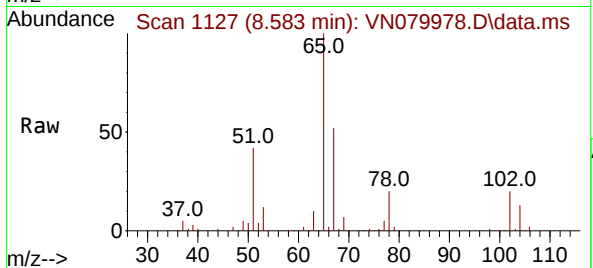




#33
 1,2-Dichloroethane-d4
 Concen: 56.809 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN079978.D
 Acq: 07 Nov 2023 20:34

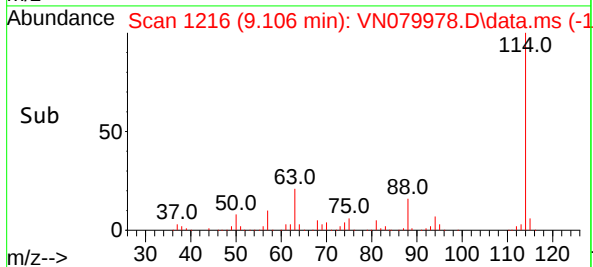
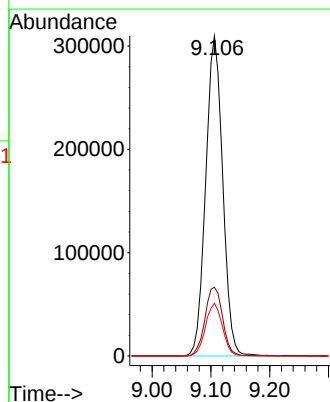
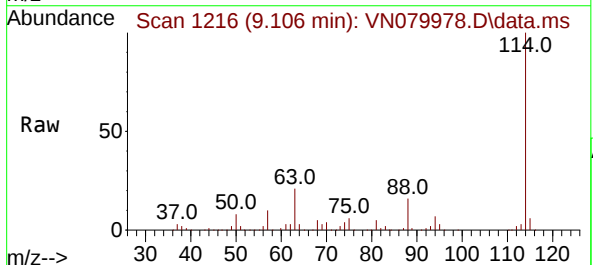
Instrument :
 MSVOA_N
 ClientSampleId :
 1081

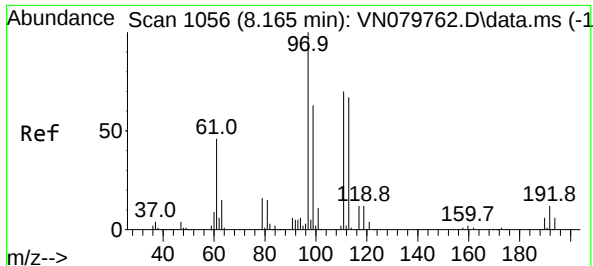
Tgt Ion: 65 Resp: 264000
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN079978.D
 Acq: 07 Nov 2023 20:34

Tgt Ion: 114 Resp: 621609
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 36.4
 88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.812 ug/l

RT: 8.171 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VN079978.D

Acq: 07 Nov 2023 20:34

Instrument :

MSVOA_N

ClientSampleId :

1081

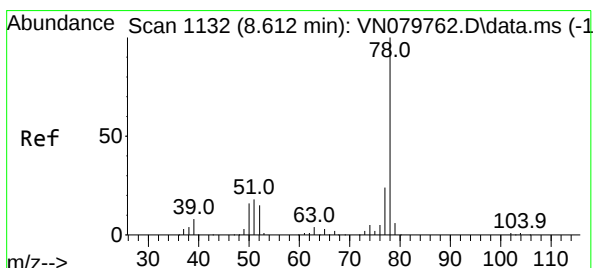
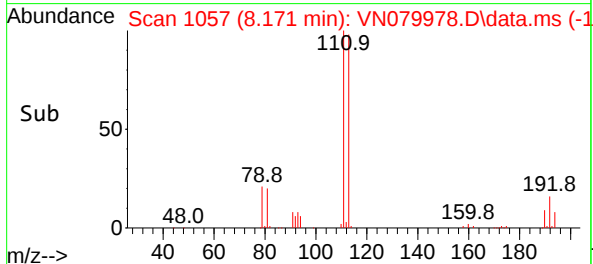
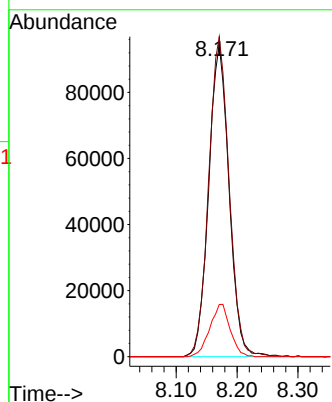
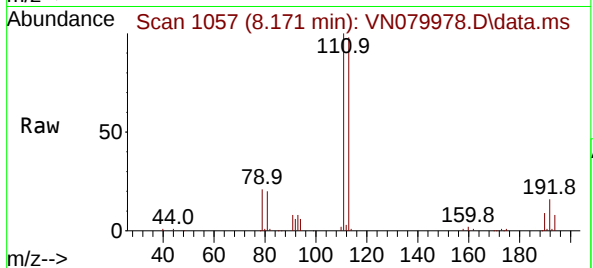
Tgt Ion:113 Resp: 219146

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 16.8 12.7 19.1



#40

Benzene

Concen: 15.694 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079978.D

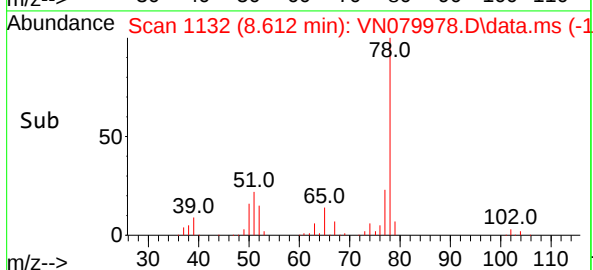
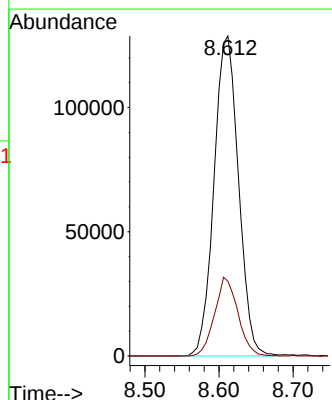
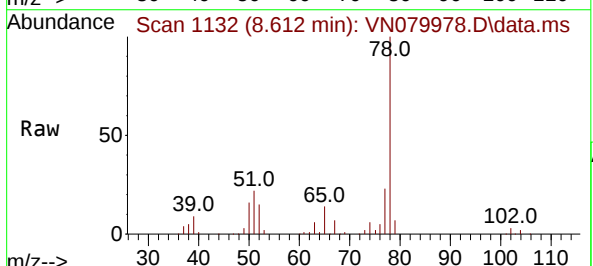
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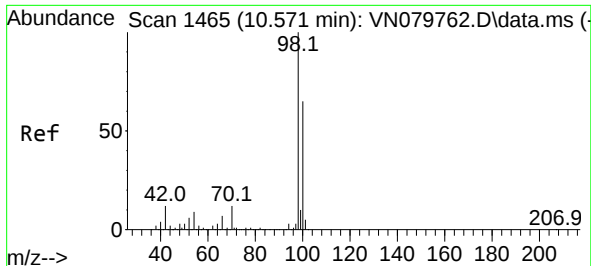
Tgt Ion: 78 Resp: 295278

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6

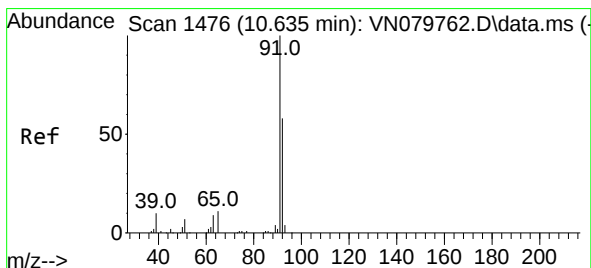
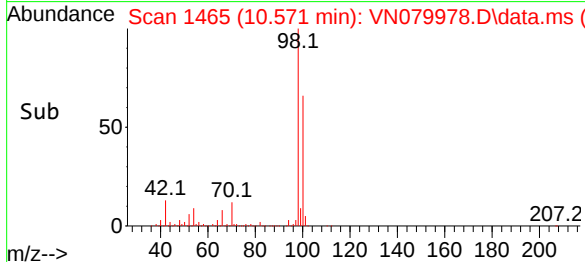
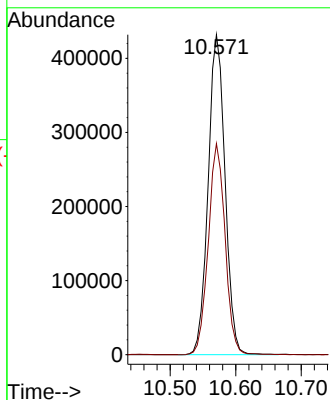
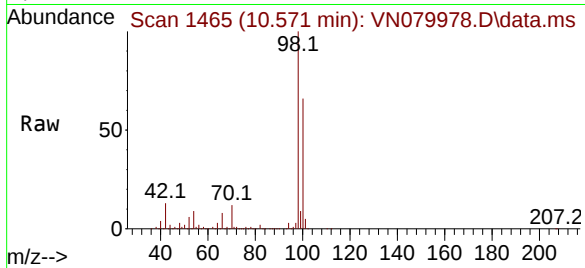




#50
Toluene-d8
Concen: 47.909 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079978.D
Acq: 07 Nov 2023 20:34

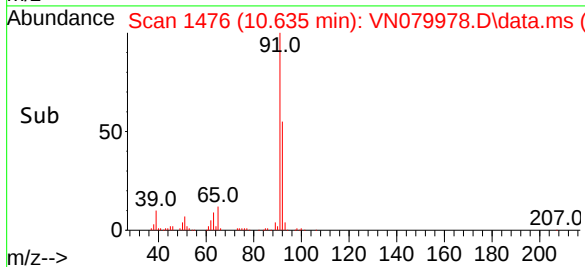
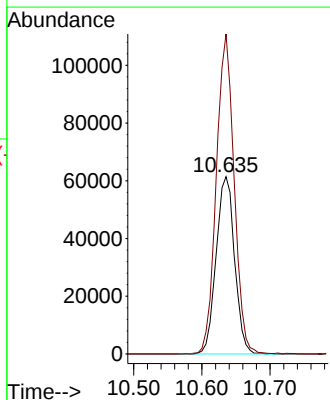
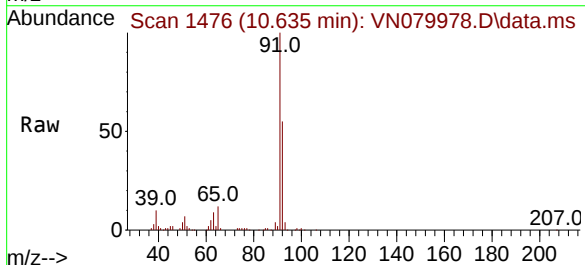
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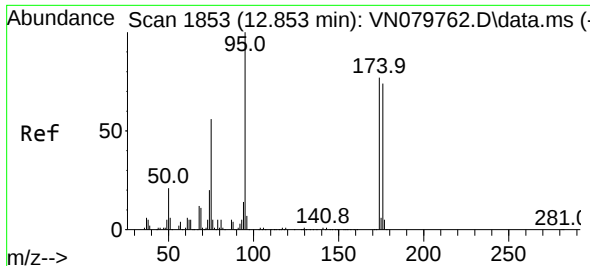
Tgt Ion: 98 Resp: 775934
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#52
Toluene
Concen: 10.370 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079978.D
Acq: 07 Nov 2023 20:34

Tgt Ion: 92 Resp: 115672
Ion Ratio Lower Upper
92 100
91 174.5 137.4 206.0

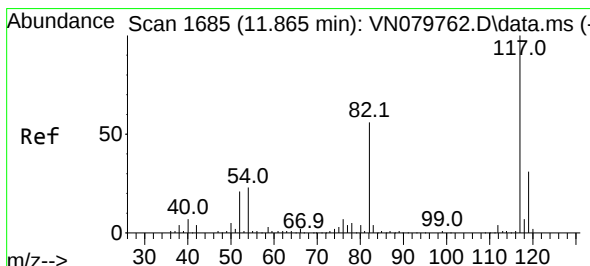
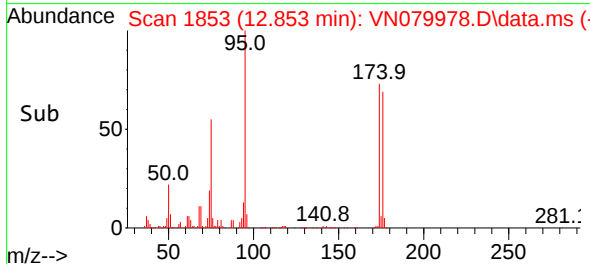
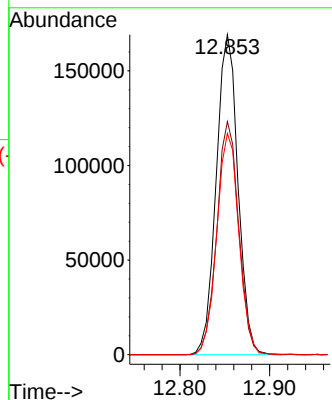
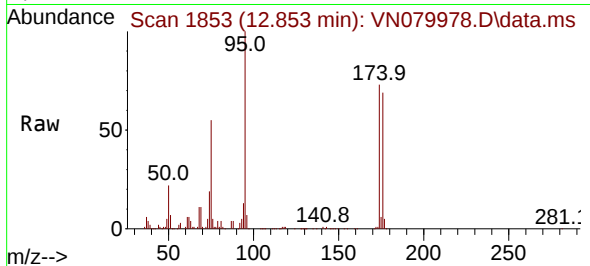




#62
4-Bromofluorobenzene
Concen: 52.982 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079978.D
Acq: 07 Nov 2023 20:34

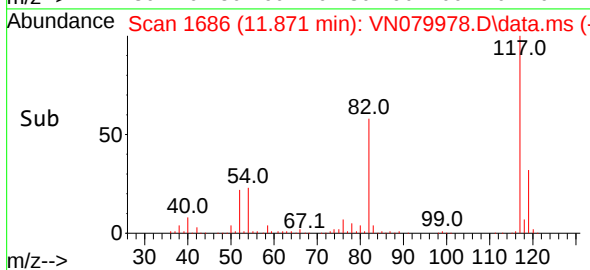
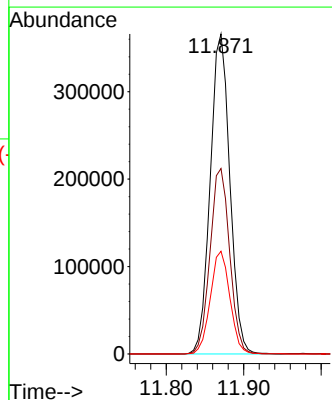
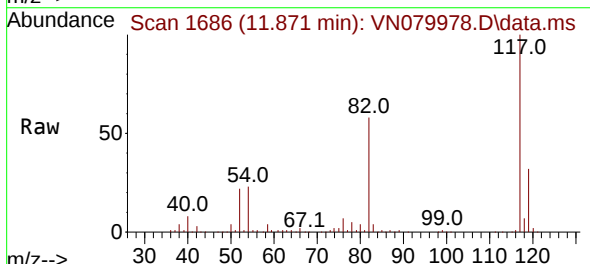
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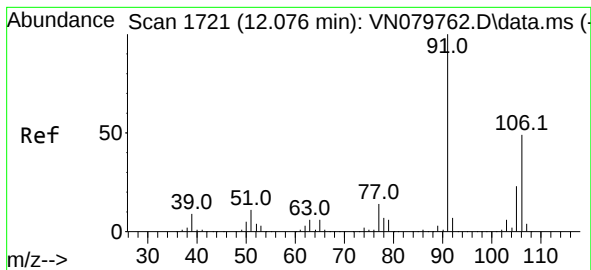
Tgt Ion: 95 Resp: 284591
Ion Ratio Lower Upper
95 100
174 73.2 0.0 143.8
176 70.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079978.D
Acq: 07 Nov 2023 20:34

Tgt Ion: 117 Resp: 645081
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 32.1 25.6 38.4





#68

m/p-Xylenes

Concen: 2.556 ug/l

RT: 12.076 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN079978.D

Acq: 07 Nov 2023 20:34

Instrument :

MSVOA_N

ClientSampleId :

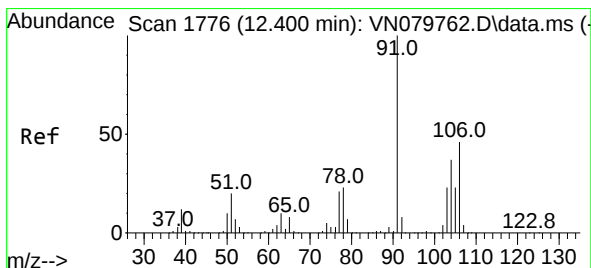
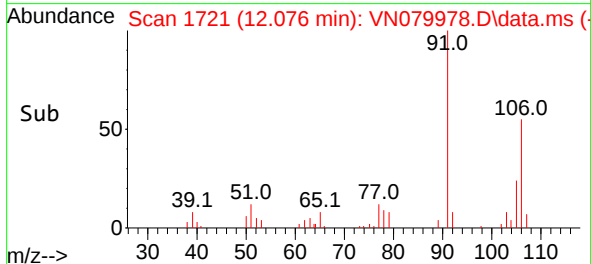
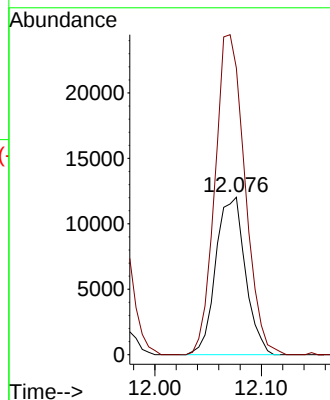
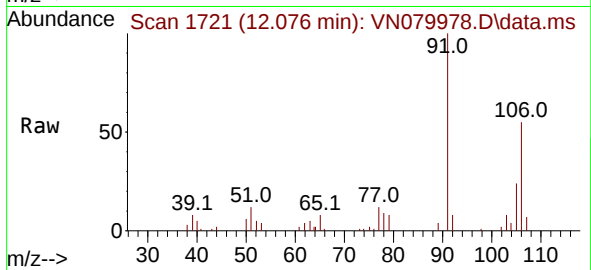
1081

Tgt Ion:106 Resp: 23212

Ion Ratio Lower Upper

106 100

91 205.2 159.6 239.4



#69

o-Xylene

Concen: 1.937 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VN079978.D

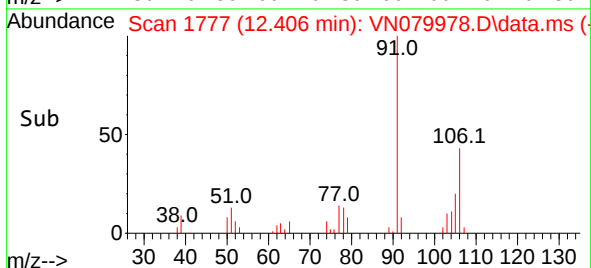
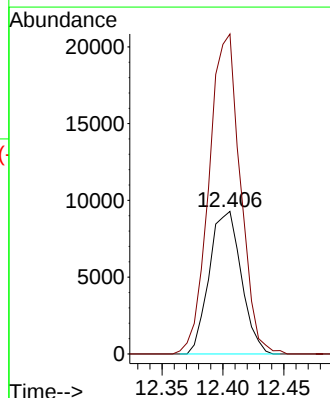
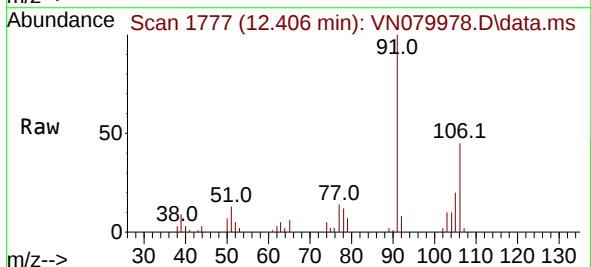
Acq: 07 Nov 2023 20:34

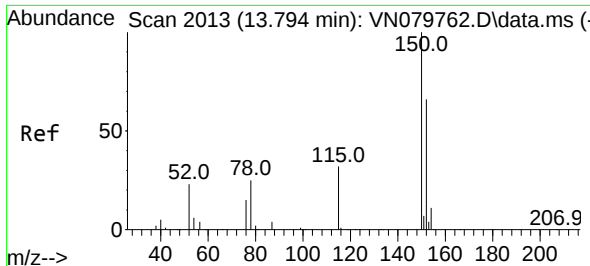
Tgt Ion:106 Resp: 16942

Ion Ratio Lower Upper

106 100

91 220.5 105.2 315.5

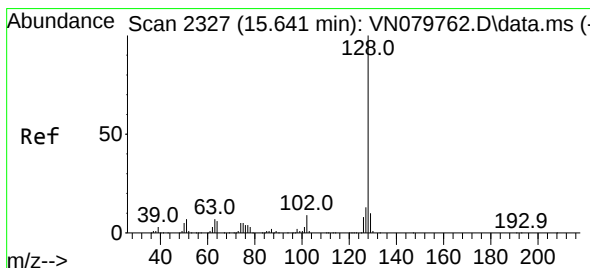
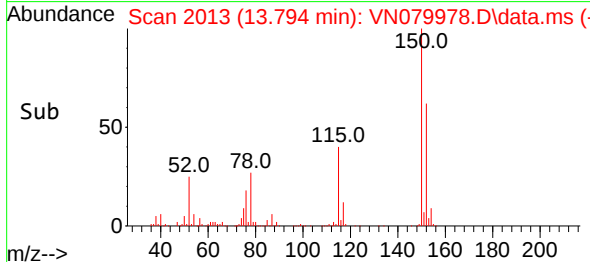
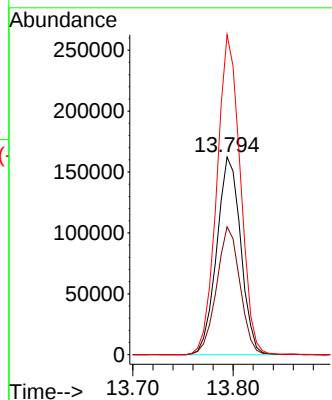
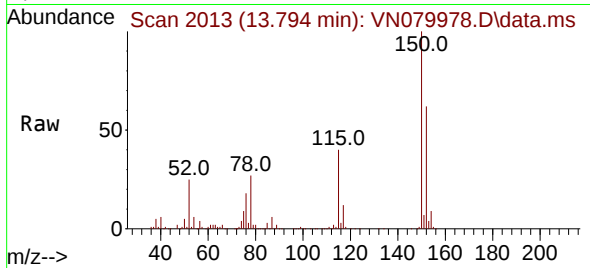




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079978.D
Acq: 07 Nov 2023 20:34

Instrument :
MSVOA_N
ClientSampleId :
1081

Tgt Ion:152 Resp: 269261
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 158.5 0.0 355.8



#95
Naphthalene
Concen: 16.242 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN079978.D
Acq: 07 Nov 2023 20:34

Tgt Ion:128 Resp: 230102
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.6 8.7 13.1

