

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084246.D
 Acq On : 01 Oct 2024 17:54
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 02 02:06:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

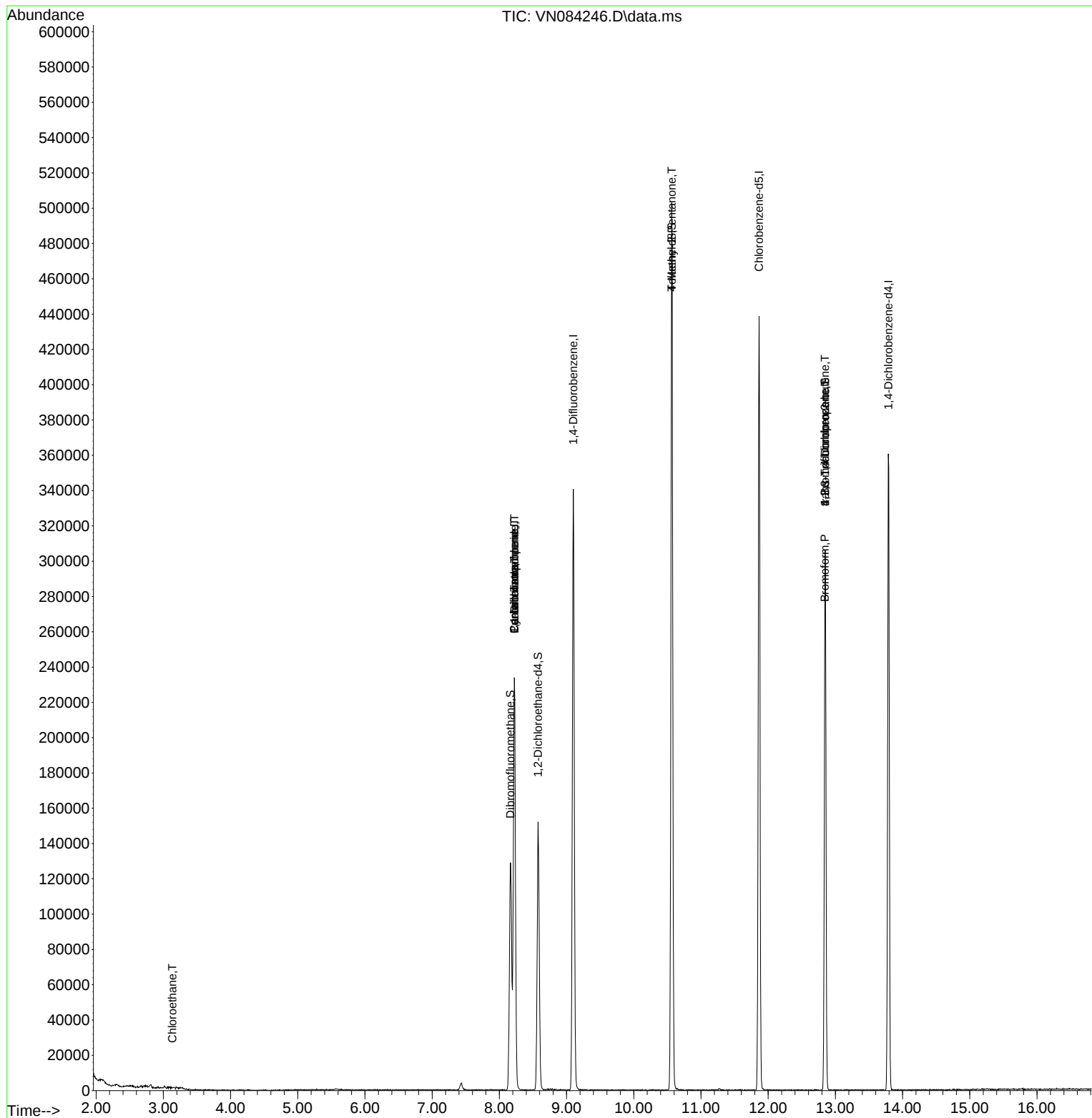
Internal Standards						
1) Pentafluorobenzene	8.224	168	161879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122720	51.130	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.260%			
35) Dibromofluoromethane	8.165	113	93269	50.474	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.940%			
50) Toluene-d8	10.565	98	342691	50.407	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.820%			
62) 4-Bromofluorobenzene	12.847	95	107163	43.268	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 86.540%			
Target Compounds						Qvalue
6) Chloroethane	3.136	64	675	0.445	ug/l #	45
31) Cyclohexane	8.224	56	4005	1.127	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14279	5.320	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18056	6.133	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	1602	0.611	ug/l #	1
71) Bromoform	12.841	173	444	0.327	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	57466	29.500	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	57466	70.724	ug/l #	11

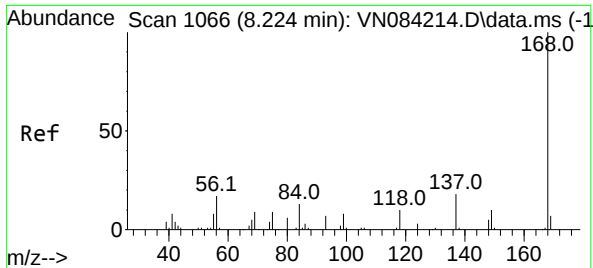
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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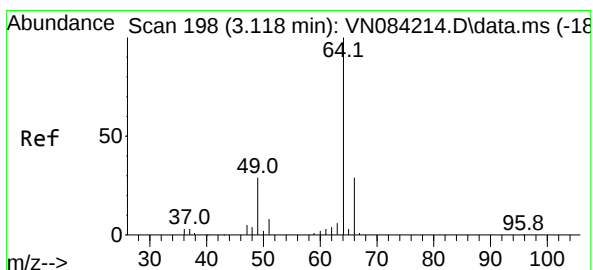
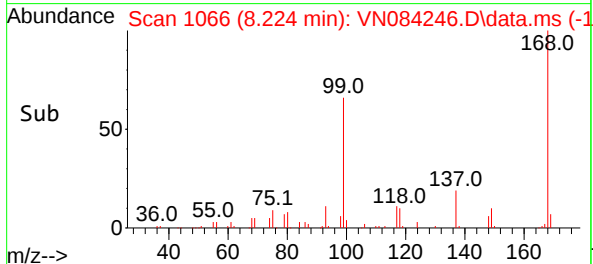
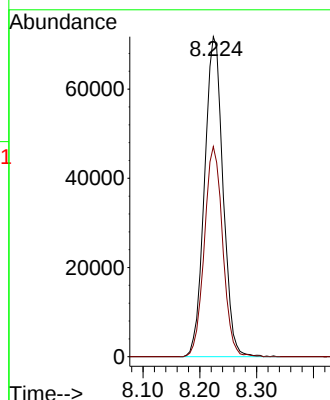
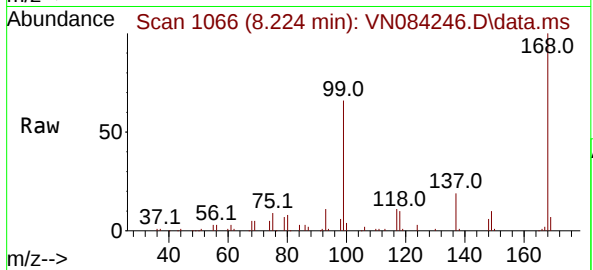




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084246.D
Acq: 01 Oct 2024 17:54

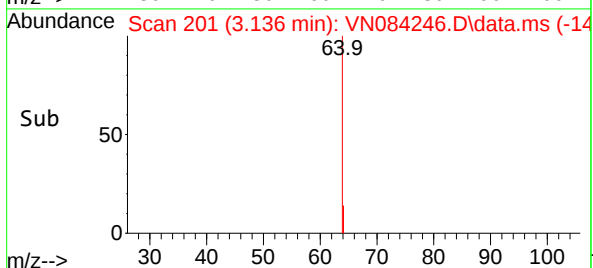
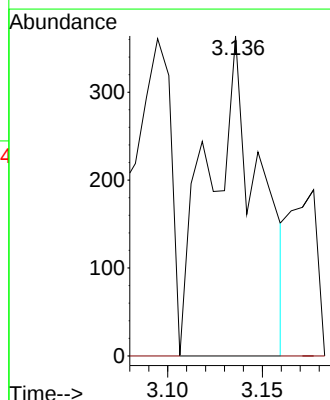
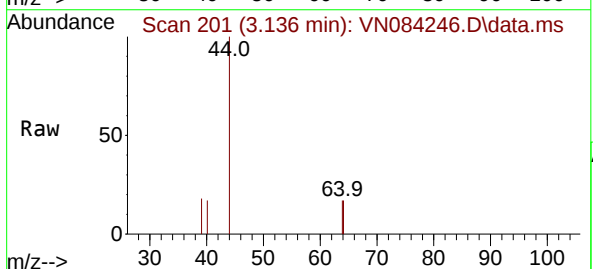
Instrument :
MSVOA_N
ClientSampleId :
IBLK

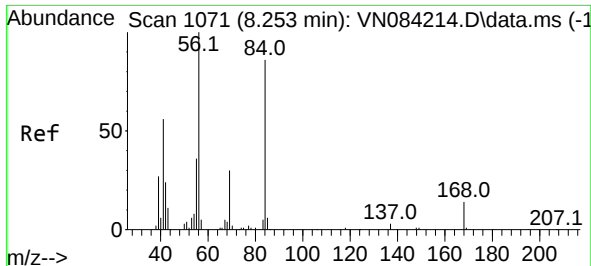
Tgt Ion:168 Resp: 161879
Ion Ratio Lower Upper
168 100
99 65.6 54.2 81.2



#6
Chloroethane
Concen: 0.445 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN084246.D
Acq: 01 Oct 2024 17:54

Tgt Ion: 64 Resp: 675
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

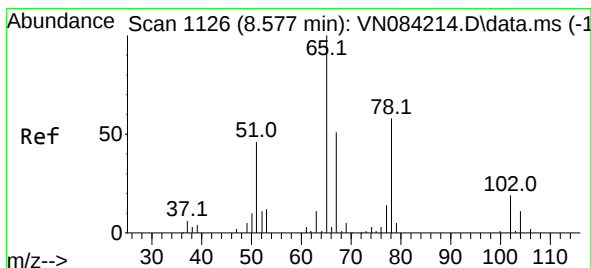
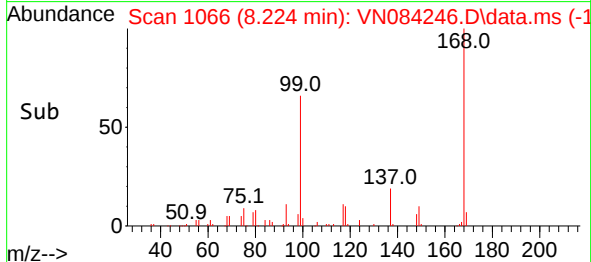
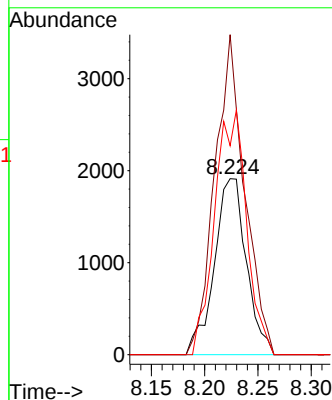
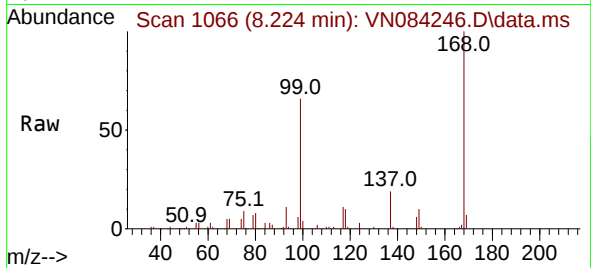




#31
Cyclohexane
Concen: 1.127 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084246.D
Acq: 01 Oct 2024 17:54

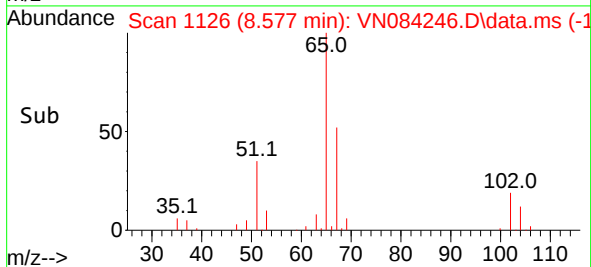
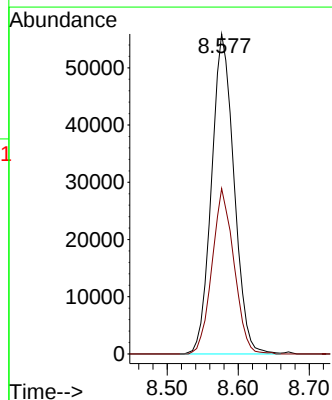
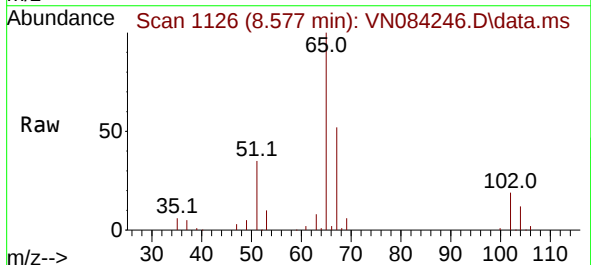
Instrument :
MSVOA_N
ClientSampleId :
IBLK

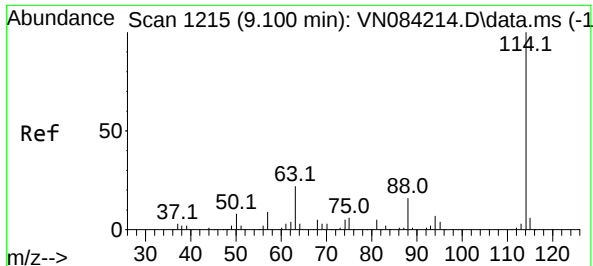
Tgt Ion: 56 Resp: 4005
Ion Ratio Lower Upper
56 100
69 181.8 23.8 35.6#
84 118.7 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 51.130 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084246.D
Acq: 01 Oct 2024 17:54

Tgt Ion: 65 Resp: 122720
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084246.D

Acq: 01 Oct 2024 17:54

Instrument :

MSVOA_N

ClientSampleId :

IBLK

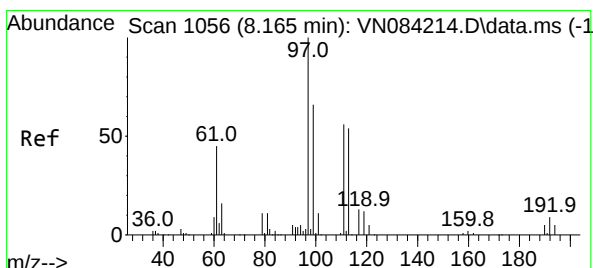
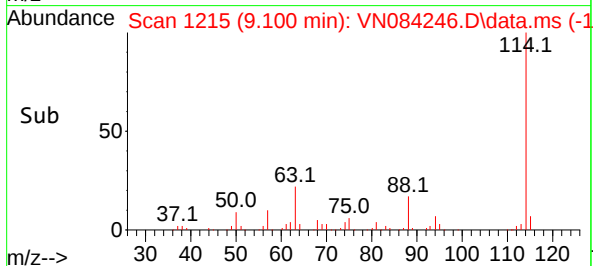
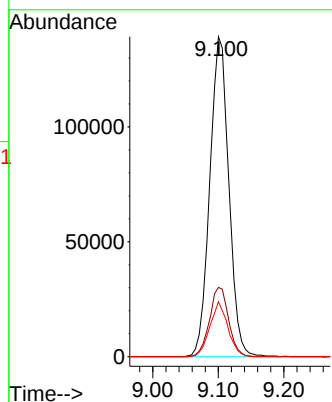
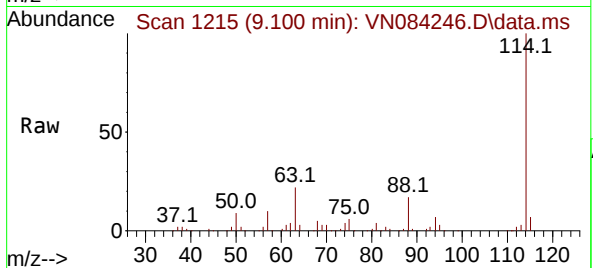
Tgt Ion:114 Resp: 280290

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.8

88 17.1 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.474 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084246.D

Acq: 01 Oct 2024 17:54

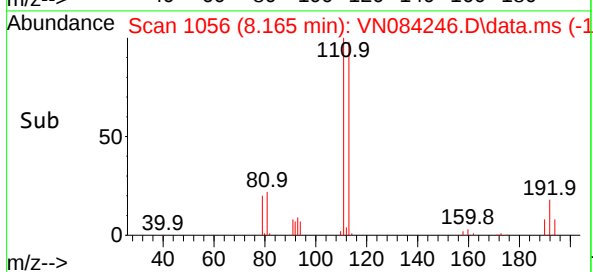
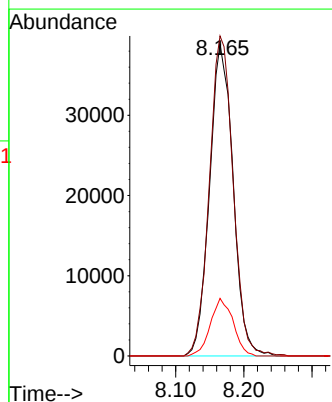
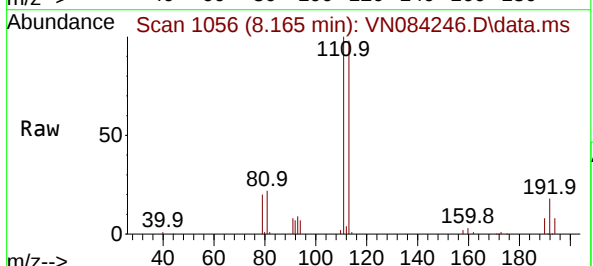
Tgt Ion:113 Resp: 93269

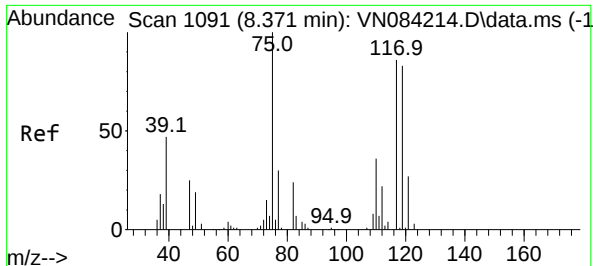
Ion Ratio Lower Upper

113 100

111 103.4 83.3 124.9

192 17.8 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.320 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084246.D

Acq: 01 Oct 2024 17:54

Instrument :

MSVOA_N

ClientSampleId :

IBLK

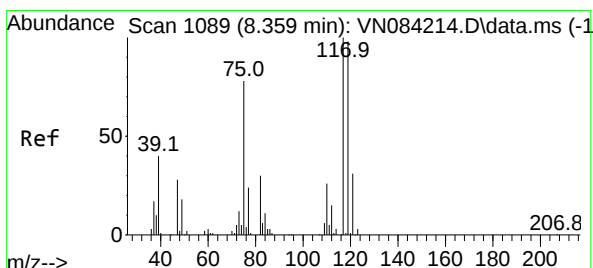
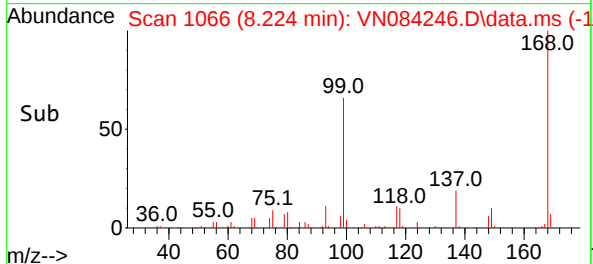
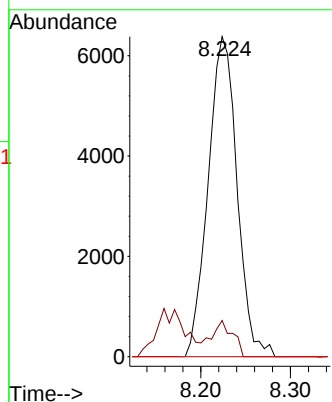
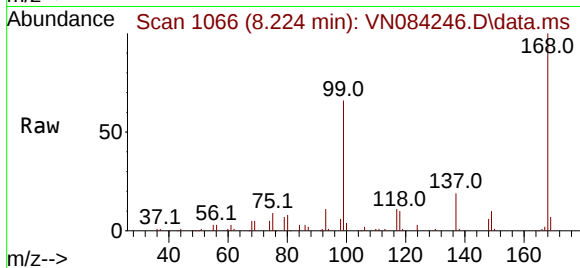
Tgt Ion: 75 Resp: 14279

Ion Ratio Lower Upper

75 100

110 8.2 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.133 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084246.D

Acq: 01 Oct 2024 17:54

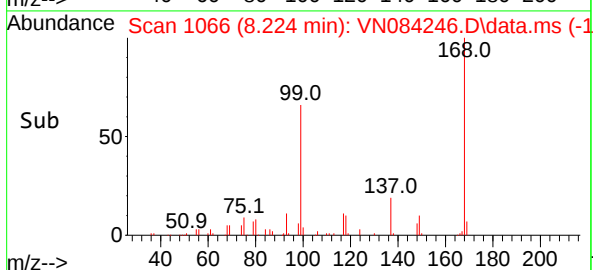
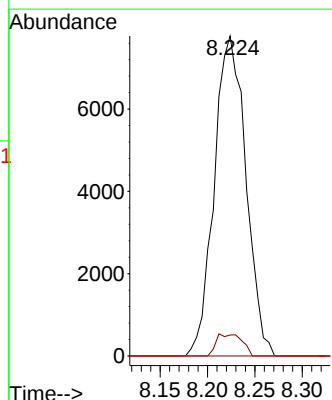
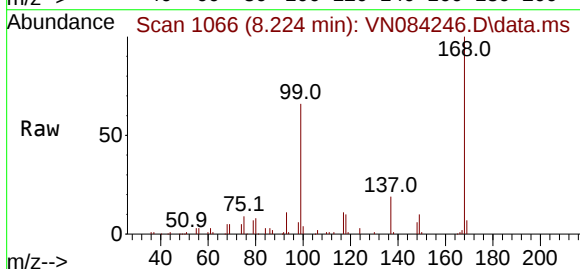
Tgt Ion: 117 Resp: 18056

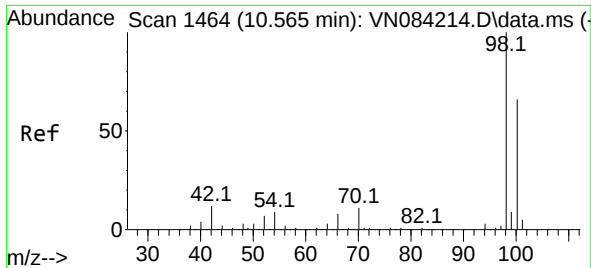
Ion Ratio Lower Upper

117 100

119 6.6 78.7 118.1#

121 0.0 24.4 36.6#

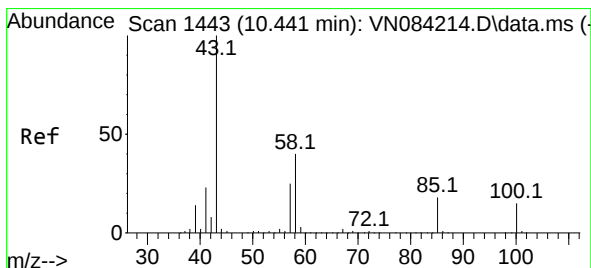
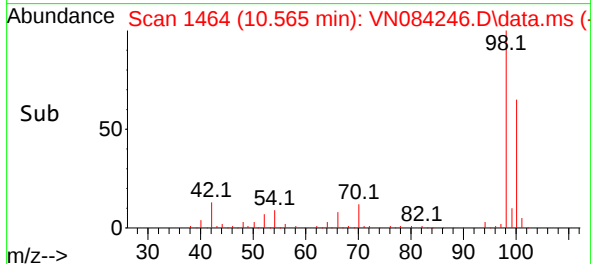
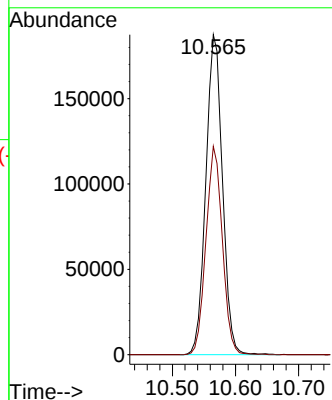
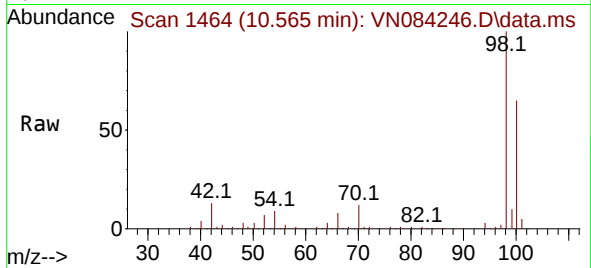




#50
Toluene-d8
Concen: 50.407 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084246.D
Acq: 01 Oct 2024 17:54

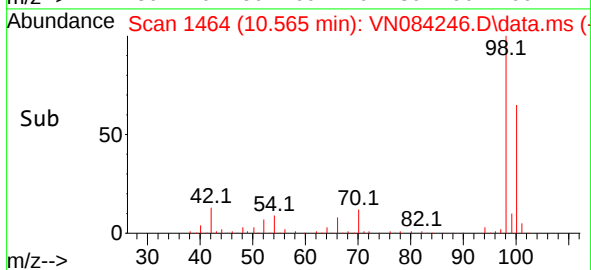
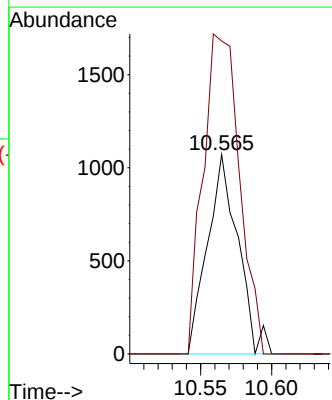
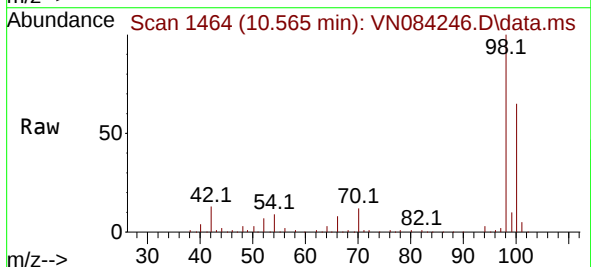
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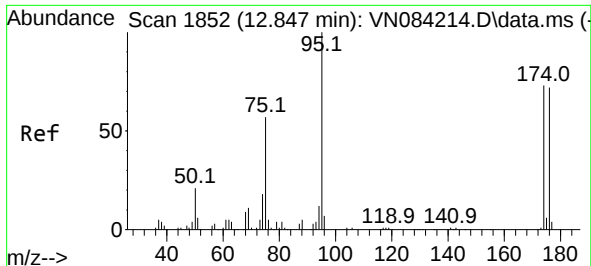
Tgt Ion: 98 Resp: 342691
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.611 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084246.D
Acq: 01 Oct 2024 17:54

Tgt Ion: 43 Resp: 1602
Ion Ratio Lower Upper
43 100
58 191.7 31.6 47.4#

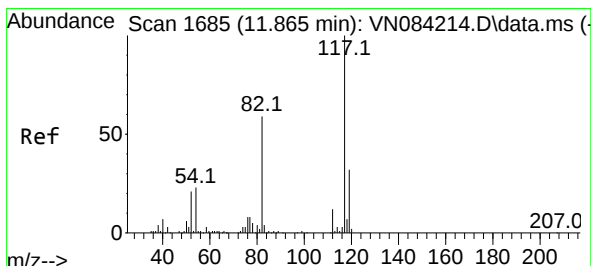
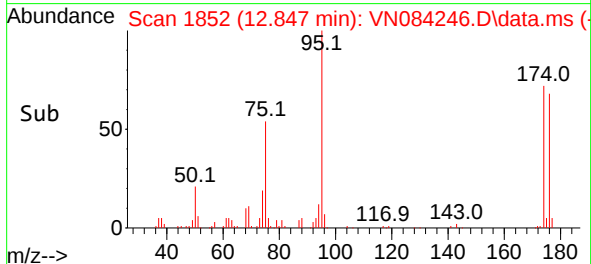
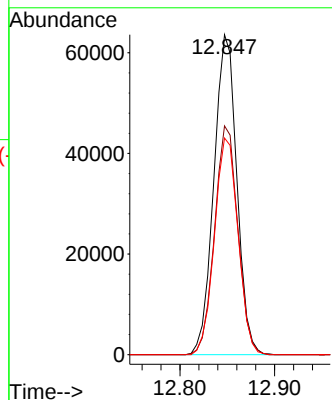
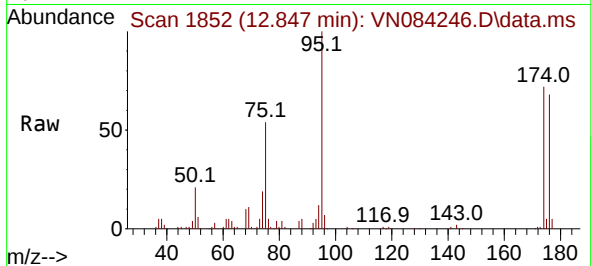




#62
4-Bromofluorobenzene
Concen: 43.268 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084246.D
Acq: 01 Oct 2024 17:54

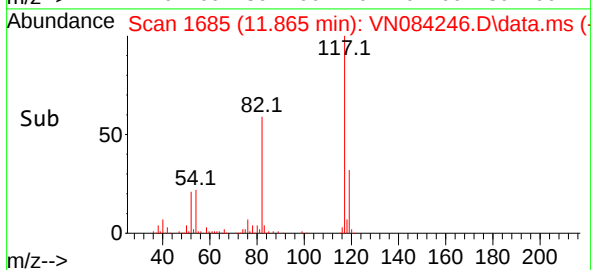
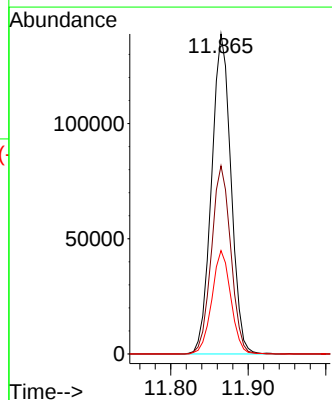
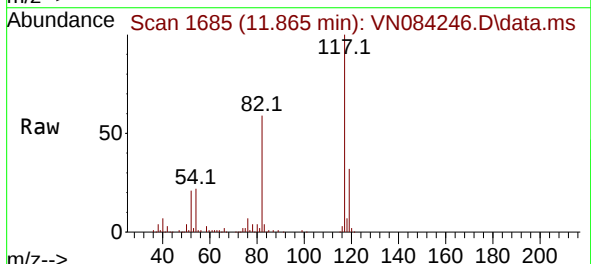
Instrument :
MSVOA_N
ClientSampleId :
IBLK

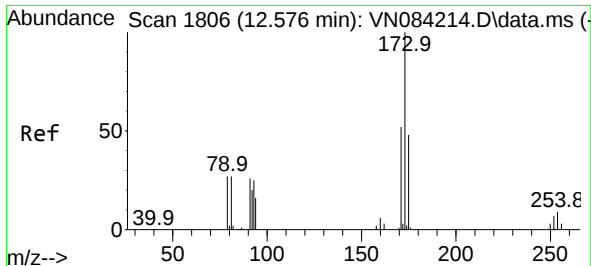
Tgt Ion: 95 Resp: 107163
Ion Ratio Lower Upper
95 100
174 72.4 0.0 145.2
176 69.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084246.D
Acq: 01 Oct 2024 17:54

Tgt Ion: 117 Resp: 241660
Ion Ratio Lower Upper
117 100
82 58.8 47.2 70.8
119 32.3 25.4 38.0

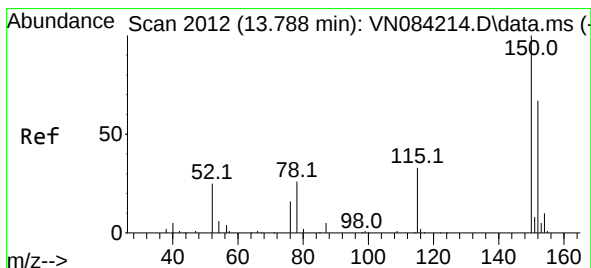
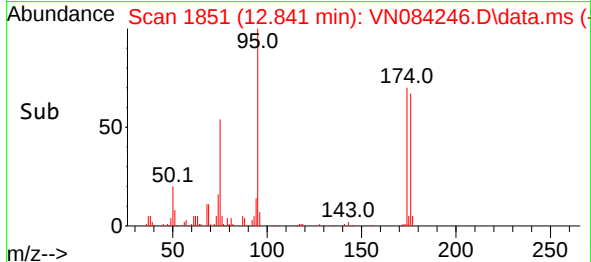
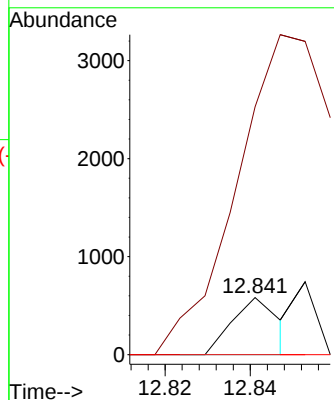
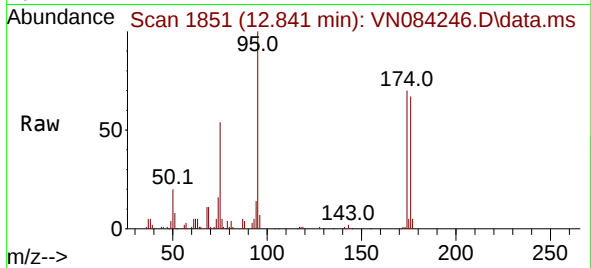




#71
Bromoform
Concen: 0.327 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN084246.D
Acq: 01 Oct 2024 17:54

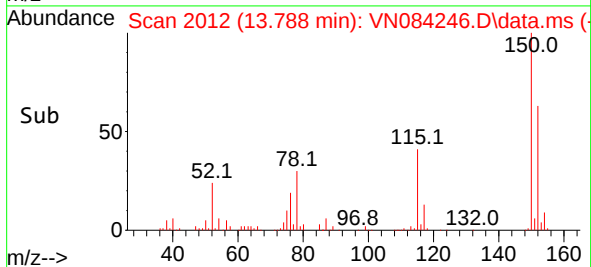
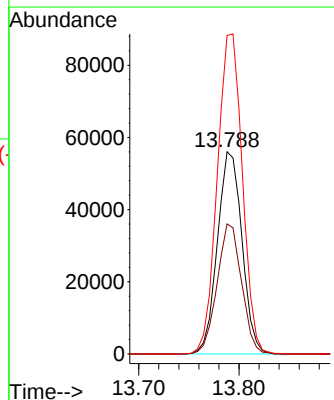
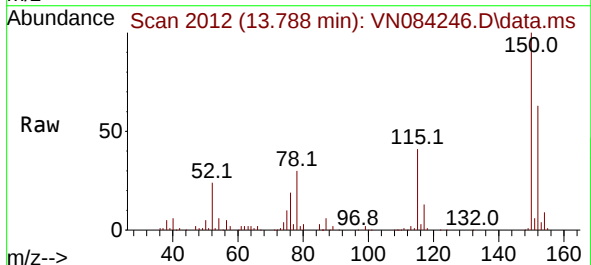
Instrument :
MSVOA_N
ClientSampleId :
IBLK

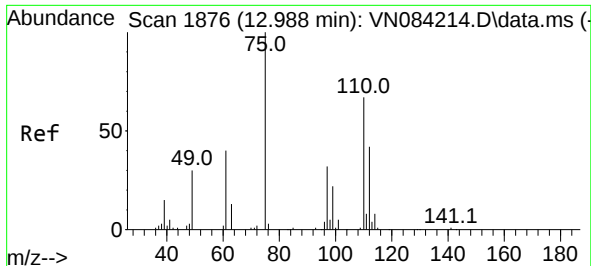
Tgt Ion:173 Resp: 444
Ion Ratio Lower Upper
173 100
175 907.4 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084246.D
Acq: 01 Oct 2024 17:54

Tgt Ion:152 Resp: 95420
Ion Ratio Lower Upper
152 100
115 63.9 31.3 93.9
150 161.5 0.0 349.8

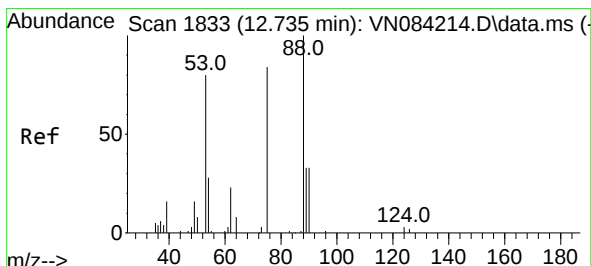
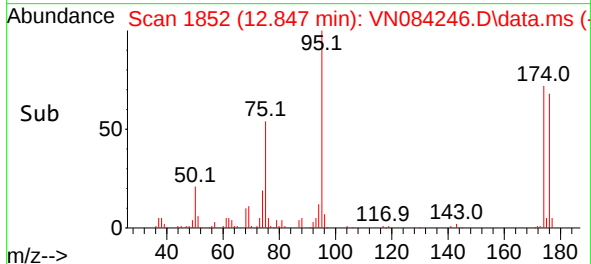
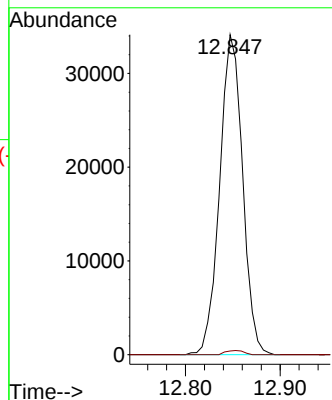
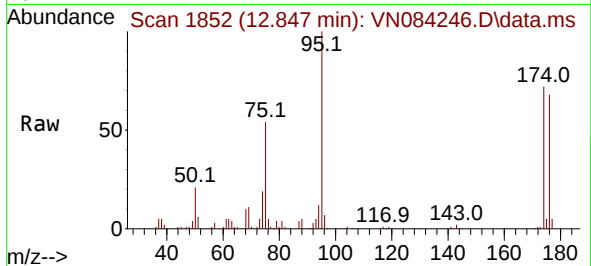




#76
1,2,3-Trichloropropane
Concen: 29.500 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084246.D
Acq: 01 Oct 2024 17:54

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 57466
Ion Ratio Lower Upper
75 100
77 1.0 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.724 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084246.D
Acq: 01 Oct 2024 17:54

Tgt Ion: 75 Resp: 57466
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

