

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083756.D
 Acq On : 10 Sep 2024 16:55
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 11 03:16:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 02:47:22 2024
 Response via : Initial Calibration

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

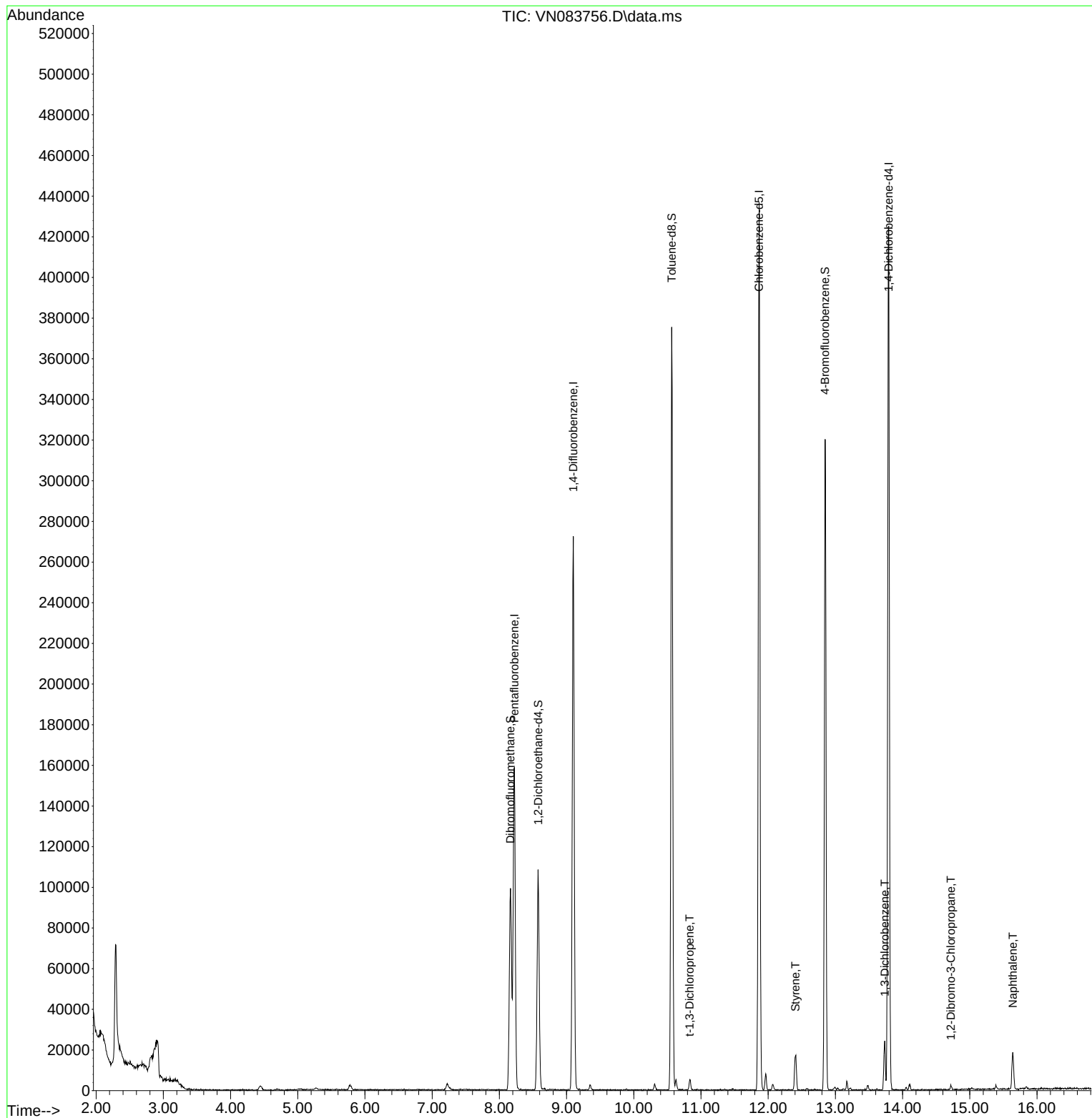
Internal Standards						
1) Pentafluorobenzene	8.224	168	107993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	221590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	88247	54.193	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.380%	
35) Dibromofluoromethane	8.165	113	69503	48.994	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.980%	
50) Toluene-d8	10.565	98	249806	50.938	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	12.847	95	109816	54.275	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.540%	
Target Compounds						
					Qvalue	
53) t-1,3-Dichloropropene	10.829	75	3052	1.279	ug/l #	83
70) Styrene	12.406	104	6837	1.238	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	9635	2.531	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	542	1.104	ug/l	88
95) Naphthalene	15.641	128	17076	2.847	ug/l	98

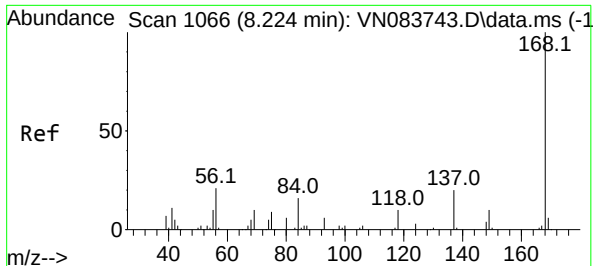
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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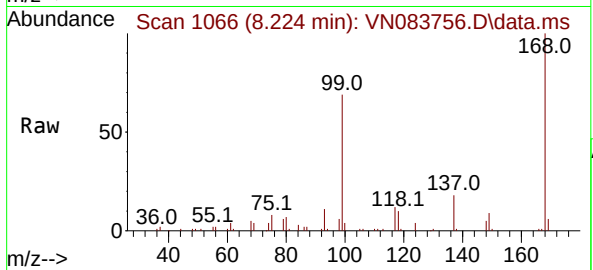
Quant Time: Sep 11 03:16:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
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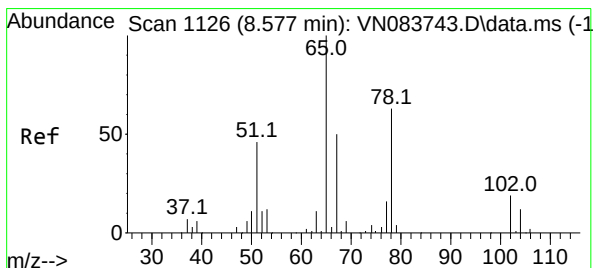
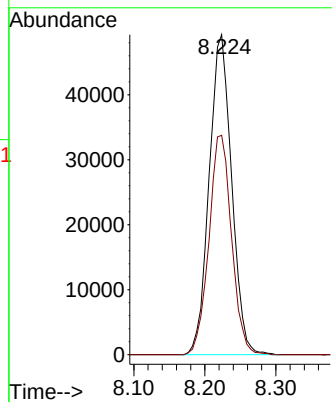
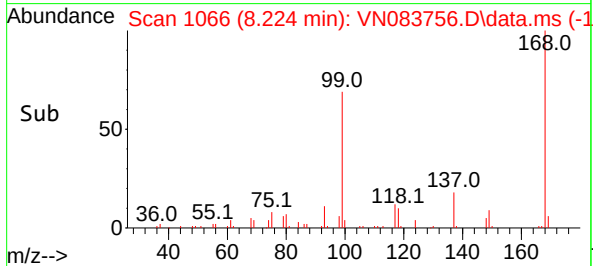


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083756.D
Acq: 10 Sep 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
IBLK

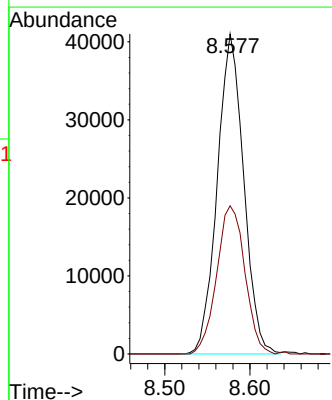
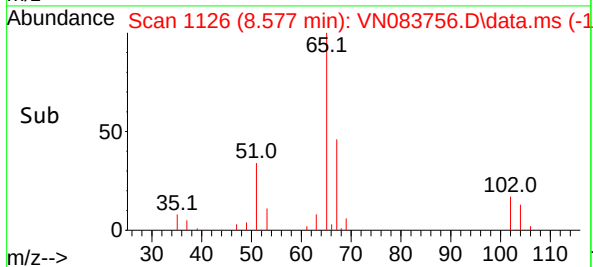
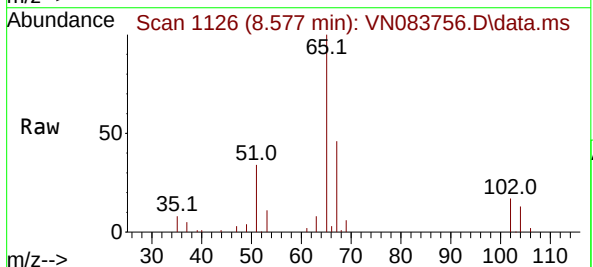


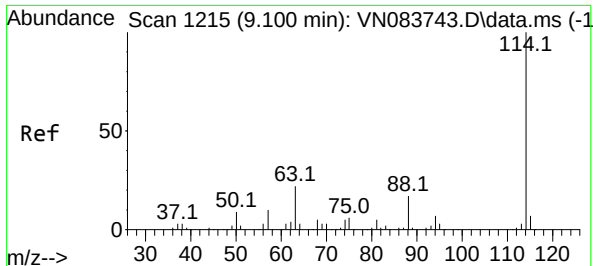
Tgt Ion:168 Resp: 107993
Ion Ratio Lower Upper
168 100
99 68.6 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 54.193 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083756.D
Acq: 10 Sep 2024 16:55

Tgt Ion: 65 Resp: 88247
Ion Ratio Lower Upper
65 100
67 49.3 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083756.D

Acq: 10 Sep 2024 16:55

Instrument :

MSVOA_N

ClientSampleId :

IBLK

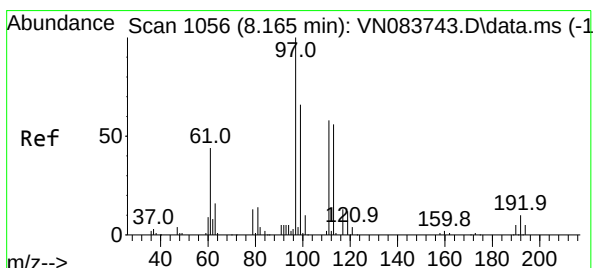
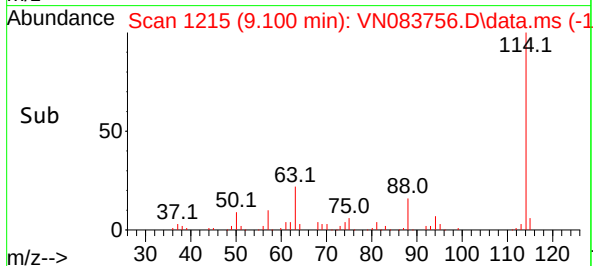
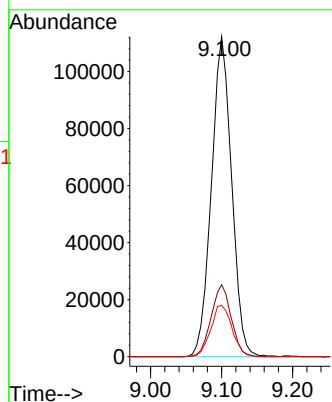
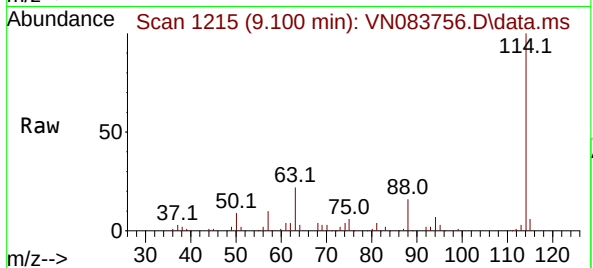
Tgt Ion:114 Resp: 221590

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.994 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083756.D

Acq: 10 Sep 2024 16:55

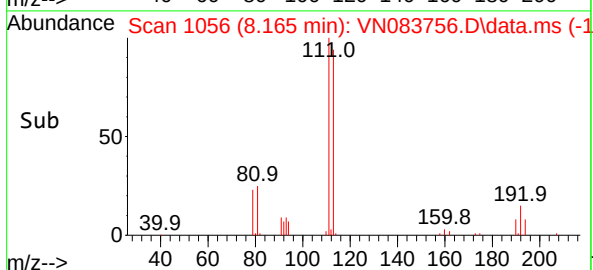
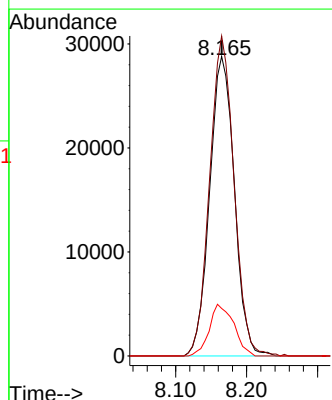
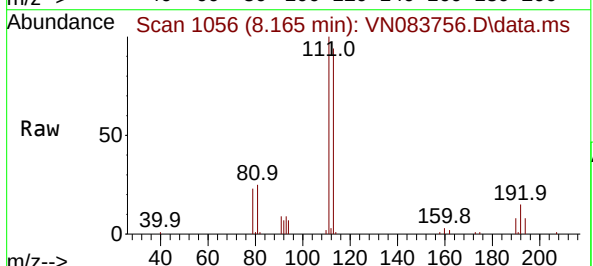
Tgt Ion:113 Resp: 69503

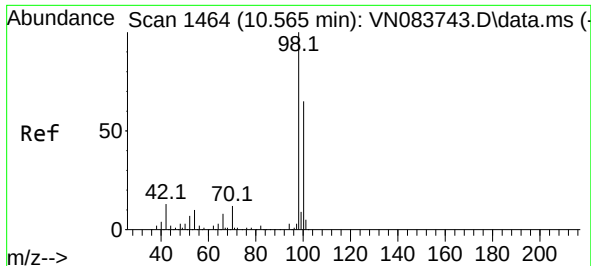
Ion Ratio Lower Upper

113 100

111 105.2 82.6 124.0

192 17.1 14.3 21.5

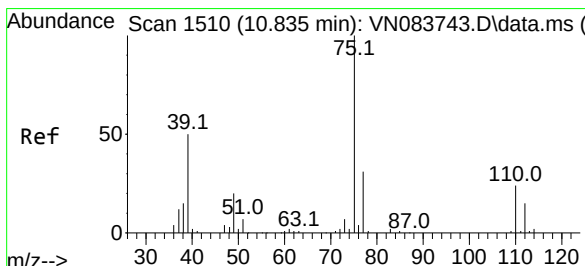
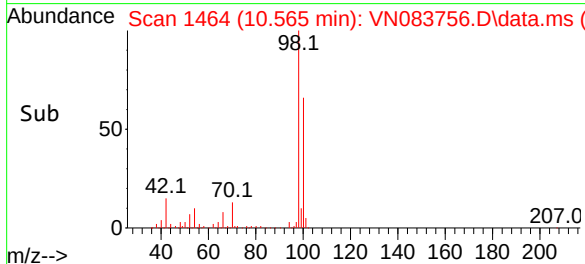
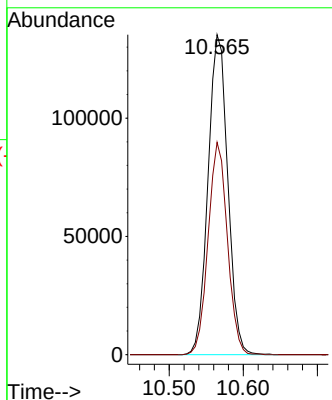
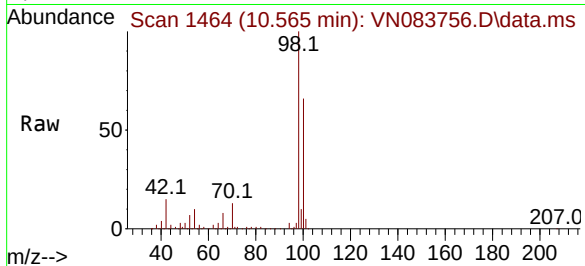




#50
Toluene-d8
Concen: 50.938 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083756.D
Acq: 10 Sep 2024 16:55

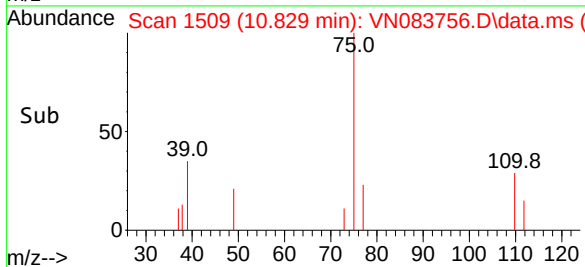
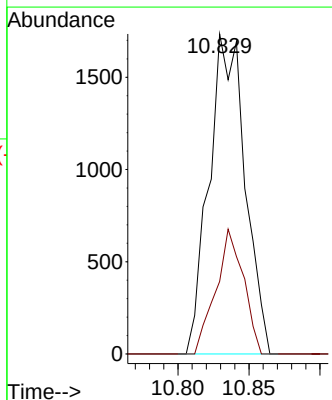
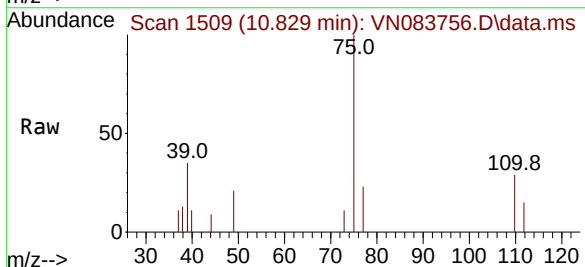
Instrument :
MSVOA_N
ClientSampleId :
IBLK

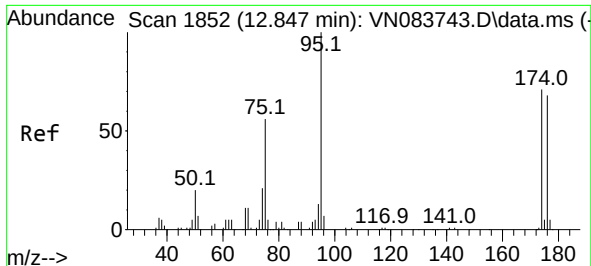
Tgt Ion: 98 Resp: 249806
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#53
t-1,3-Dichloropropene
Concen: 1.279 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN083756.D
Acq: 10 Sep 2024 16:55

Tgt Ion: 75 Resp: 3052
Ion Ratio Lower Upper
75 100
77 22.7 25.8 38.6#

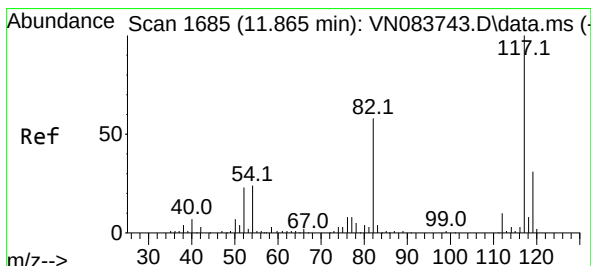
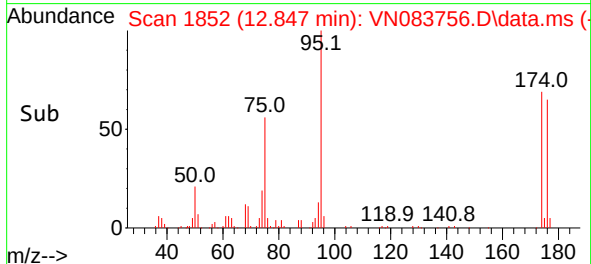
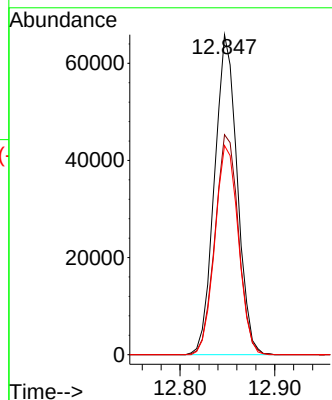
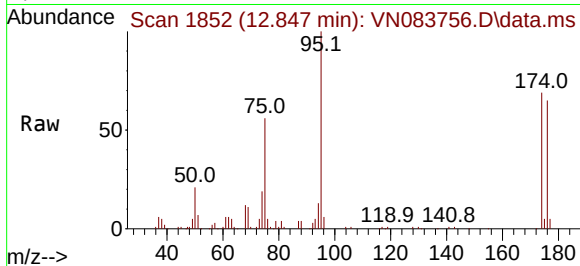




#62
4-Bromofluorobenzene
Concen: 54.275 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083756.D
Acq: 10 Sep 2024 16:55

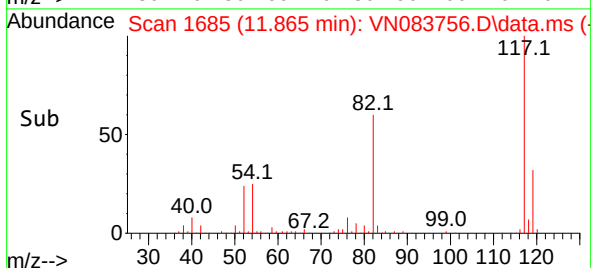
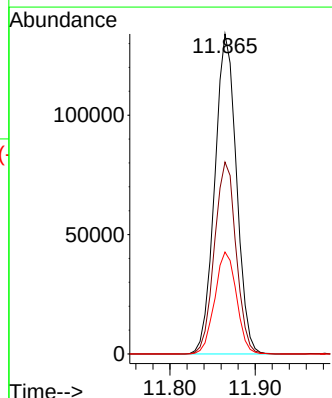
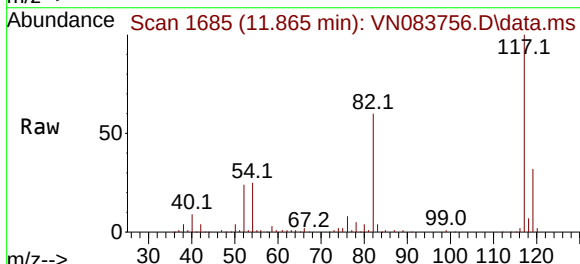
Instrument :
MSVOA_N
ClientSampleId :
IBLK

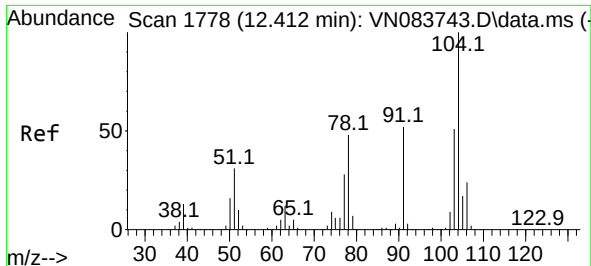
Tgt Ion: 95 Resp: 109816
Ion Ratio Lower Upper
95 100
174 71.3 0.0 139.8
176 67.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083756.D
Acq: 10 Sep 2024 16:55

Tgt Ion: 117 Resp: 237120
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.0
119 31.8 26.3 39.5





#70

Styrene

Concen: 1.238 ug/l

RT: 12.406 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN083756.D

Acq: 10 Sep 2024 16:55

Instrument :

MSVOA_N

ClientSampleId :

IBLK

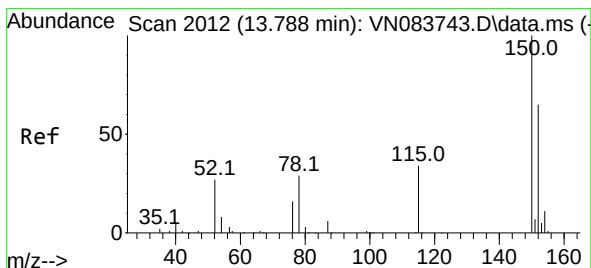
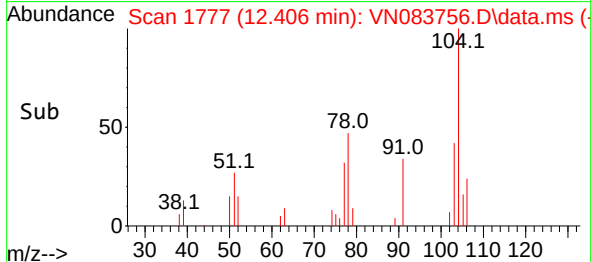
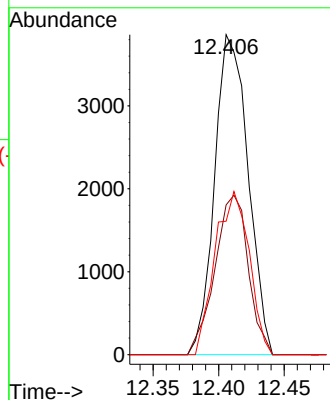
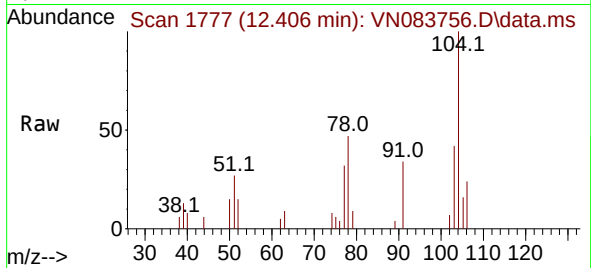
Tgt Ion:104 Resp: 6837

Ion Ratio Lower Upper

104 100

78 49.8 43.3 64.9

103 52.1 43.4 65.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN083756.D

Acq: 10 Sep 2024 16:55

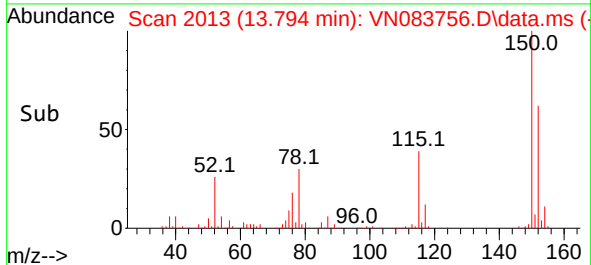
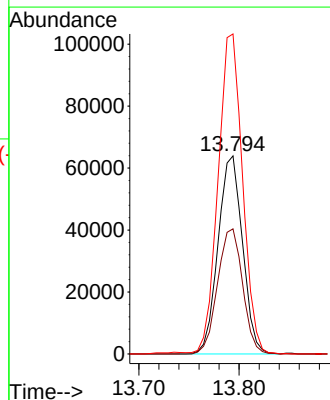
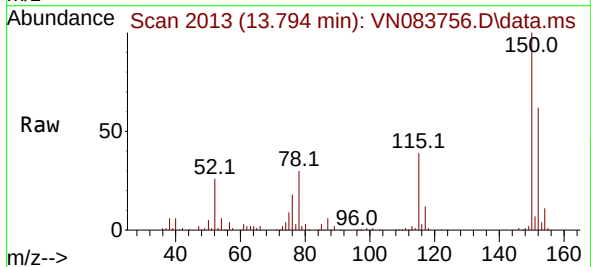
Tgt Ion:152 Resp: 108324

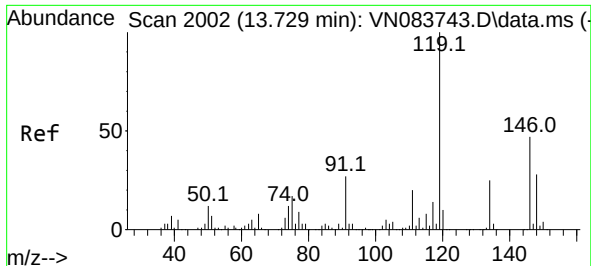
Ion Ratio Lower Upper

152 100

115 64.5 32.2 96.6

150 161.6 0.0 348.6





#87

1,3-Dichlorobenzene

Concen: 2.531 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN083756.D

Acq: 10 Sep 2024 16:55

Instrument :

MSVOA_N

ClientSampleId :

IBLK

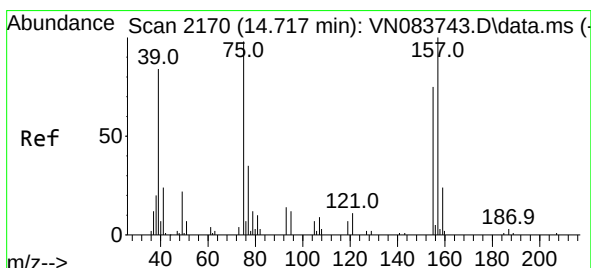
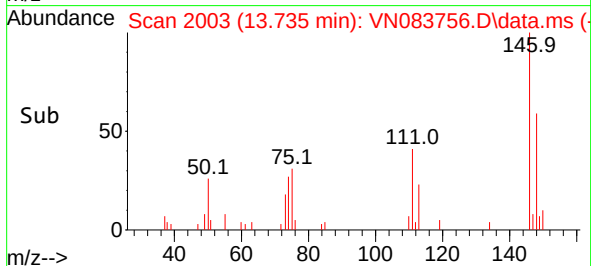
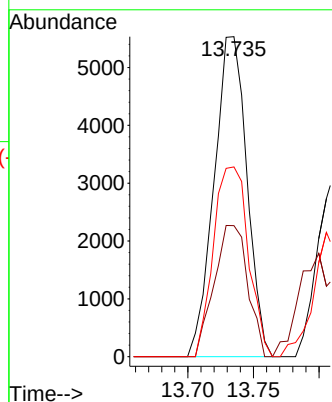
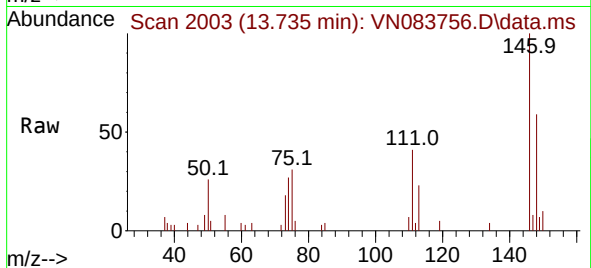
Tgt Ion:146 Resp: 9635

Ion Ratio Lower Upper

146 100

111 41.8 21.7 65.1

148 63.1 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.104 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN083756.D

Acq: 10 Sep 2024 16:55

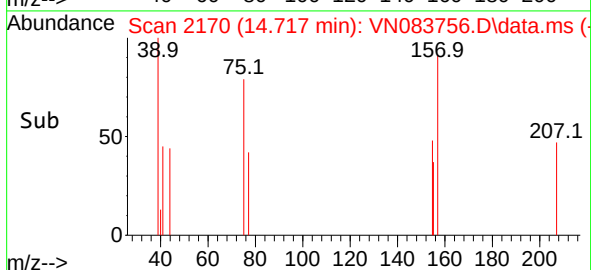
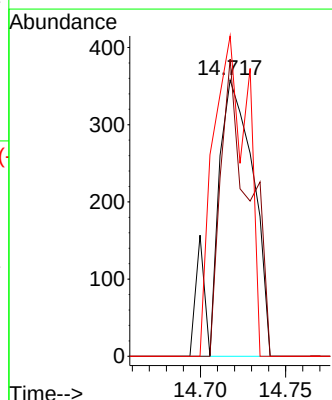
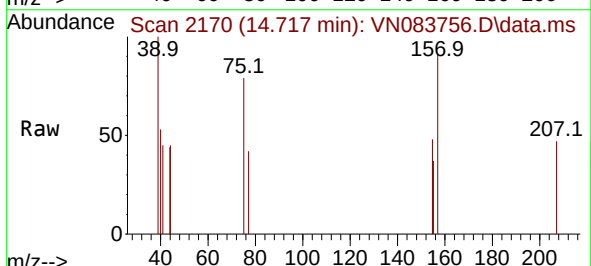
Tgt Ion: 75 Resp: 542

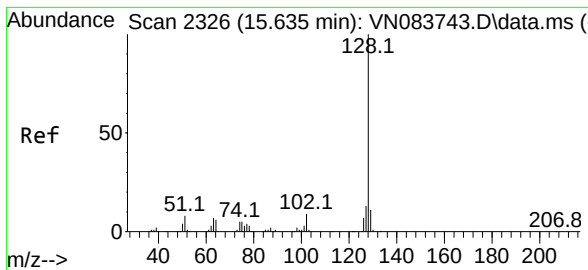
Ion Ratio Lower Upper

75 100

155 82.1 35.9 107.7

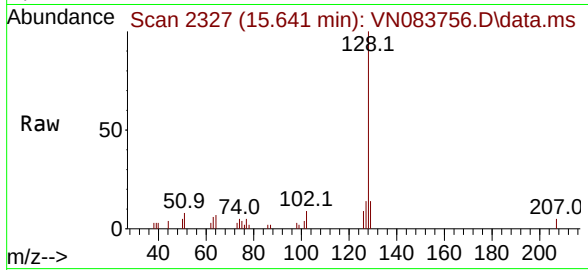
157 106.6 47.5 142.5





#95
 Naphthalene
 Concen: 2.847 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN083756.D
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Instrument :
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Tgt Ion:128 Resp: 17076
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.2 15.2
 129 11.1 8.7 13.1

