

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083603.D
 Acq On : 31 Aug 2024 08:33
 Operator : JC\MD
 Sample : P3769-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10B-42.5-082724

Quant Time: Sep 02 01:01:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

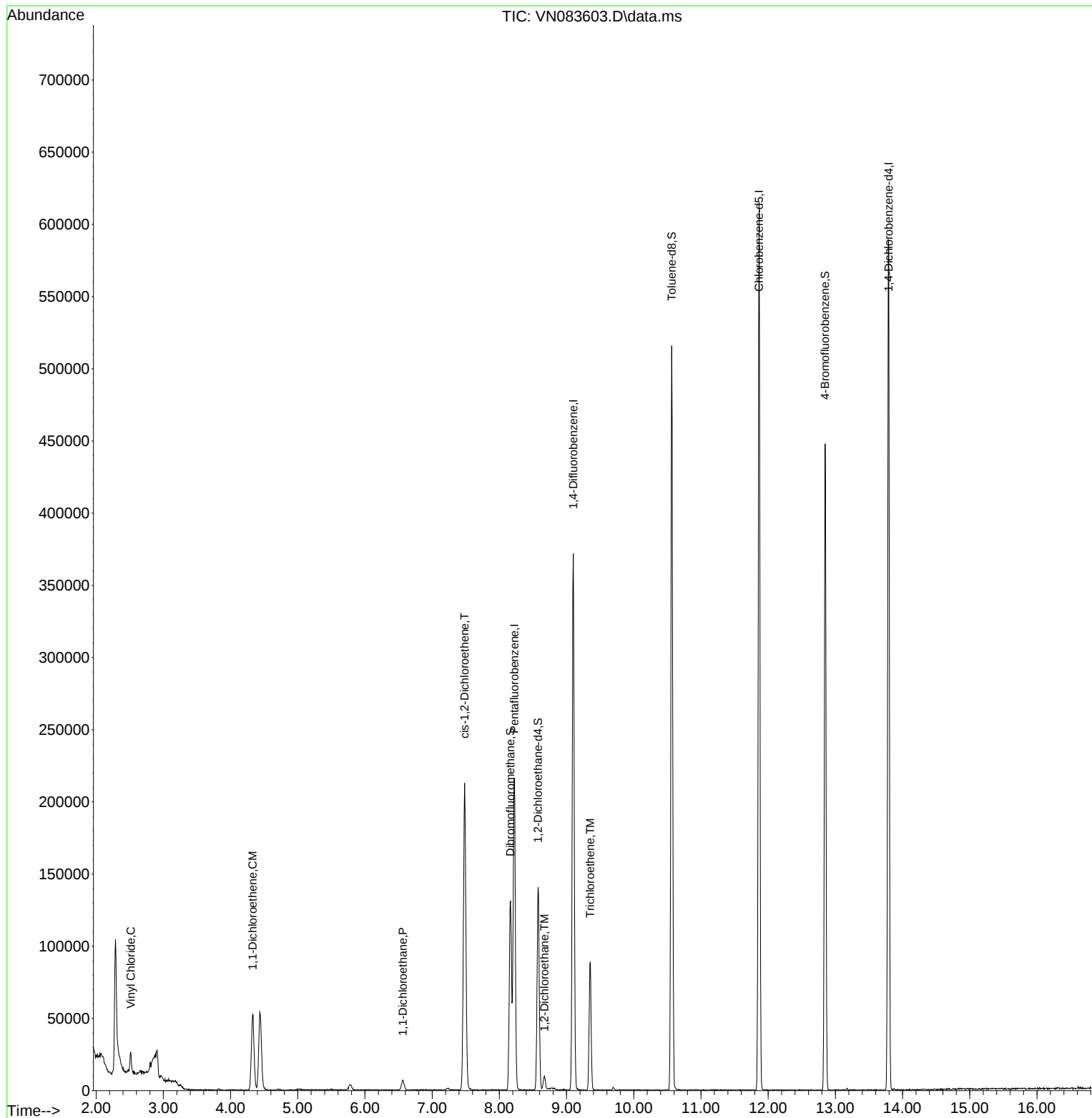
Internal Standards						
1) Pentafluorobenzene	8.224	168	152022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	120458	56.695	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.400%	
35) Dibromofluoromethane	8.165	113	93855	50.707	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.420%	
50) Toluene-d8	10.565	98	342740	47.554	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.100%	
62) 4-Bromofluorobenzene	12.847	95	154915	58.018	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 116.040%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.518	62	12072	6.436	ug/l #	88
12) 1,1-Dichloroethene	4.330	96	30149	18.103	ug/l	99
24) 1,1-Dichloroethane	6.565	63	10311	3.088	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	118851	57.414	ug/l	91
42) 1,2-Dichloroethane	8.671	62	8829	2.742	ug/l	96
44) Trichloroethene	9.353	130	30691	14.690	ug/l	99

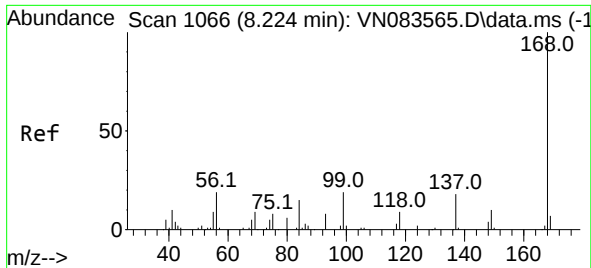
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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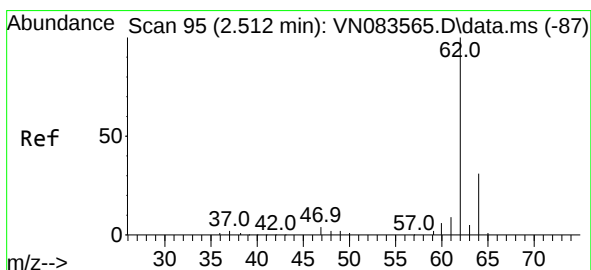
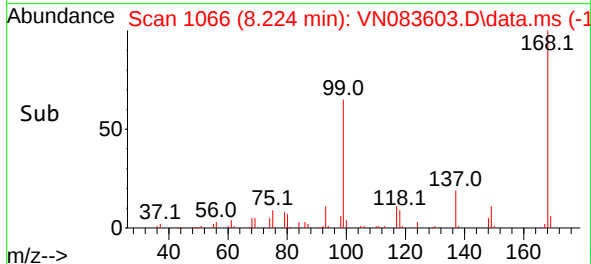
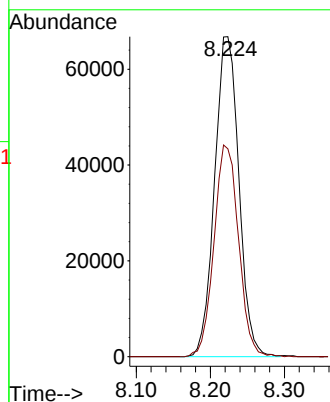
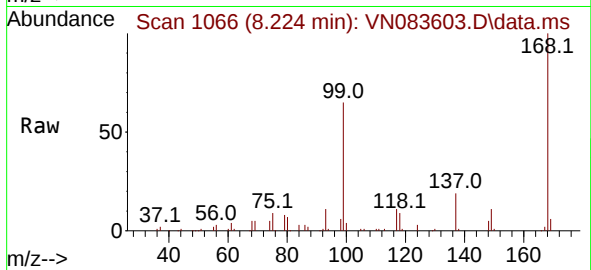




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083603.D
Acq: 31 Aug 2024 08:33

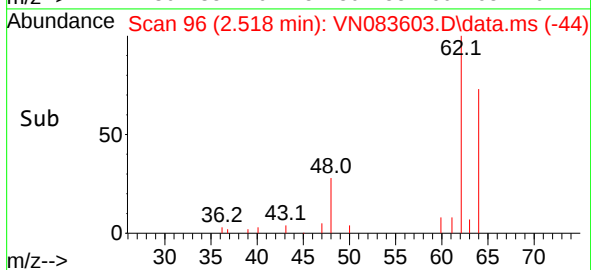
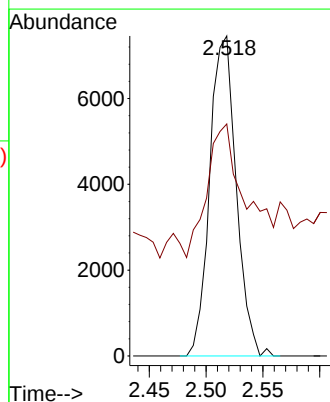
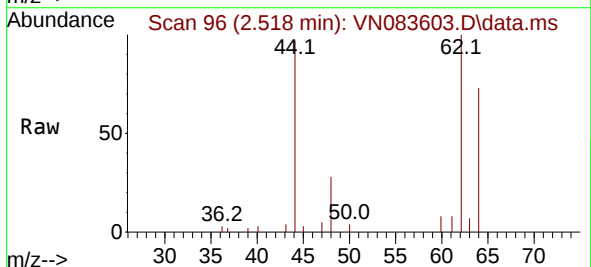
Instrument :
MSVOA_N
ClientSampleId :
MW-10B-42.5-082724

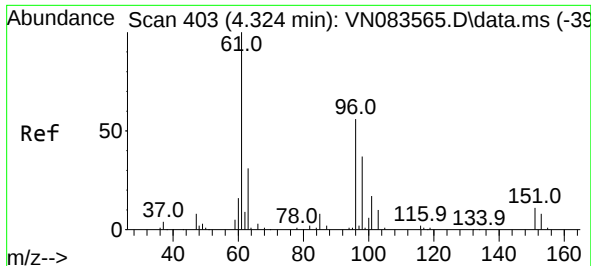
Tgt Ion:168 Resp: 152022
Ion Ratio Lower Upper
168 100
99 64.9 54.2 81.2



#4
Vinyl Chloride
Concen: 6.436 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083603.D
Acq: 31 Aug 2024 08:33

Tgt Ion: 62 Resp: 12072
Ion Ratio Lower Upper
62 100
64 37.3 24.7 37.1#





#12

1,1-Dichloroethene

Concen: 18.103 ug/l

RT: 4.330 min Scan# 403

Delta R.T. 0.006 min

Lab File: VN083603.D

Acq: 31 Aug 2024 08:33

Instrument :

MSVOA_N

ClientSampleId :

MW-10B-42.5-082724

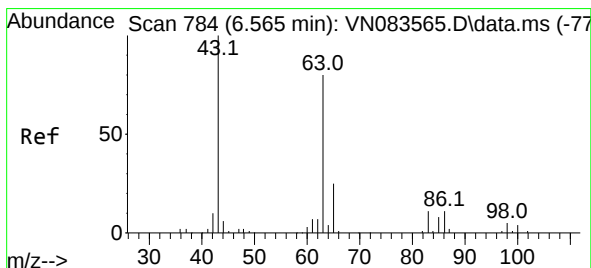
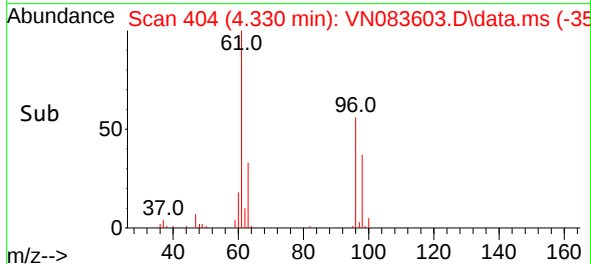
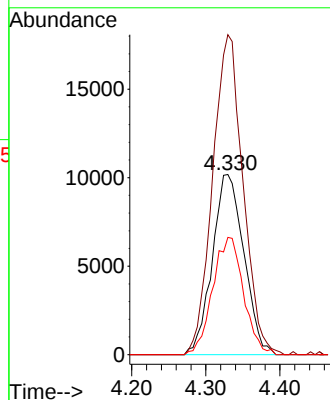
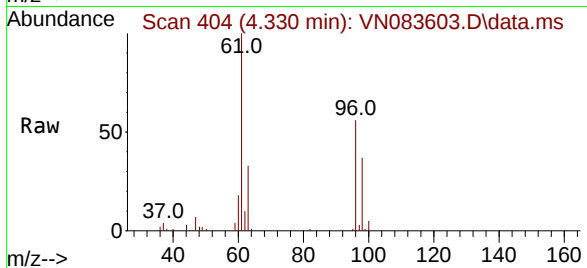
Tgt Ion: 96 Resp: 30149

Ion Ratio Lower Upper

96 100

61 177.5 143.4 215.0

98 65.1 52.7 79.1



#24

1,1-Dichloroethane

Concen: 3.088 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN083603.D

Acq: 31 Aug 2024 08:33

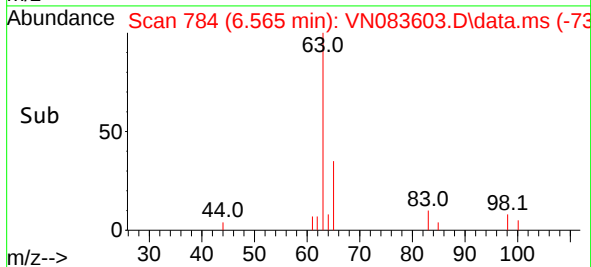
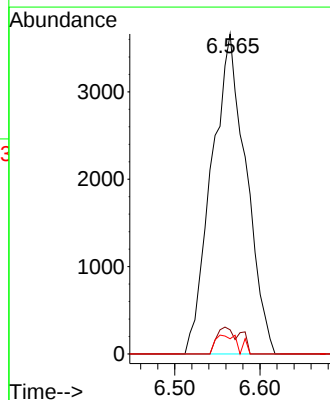
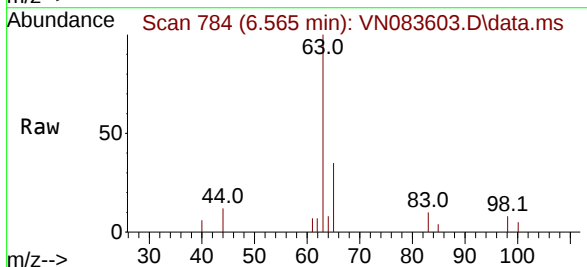
Tgt Ion: 63 Resp: 10311

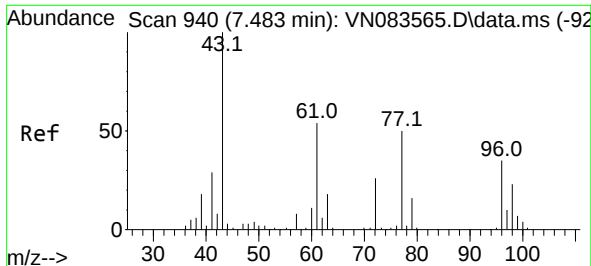
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.8 2.5 7.5



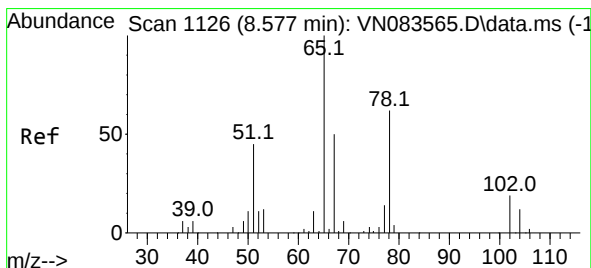
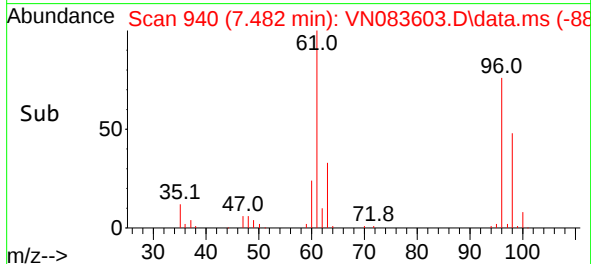
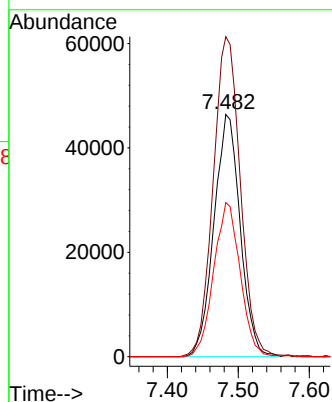
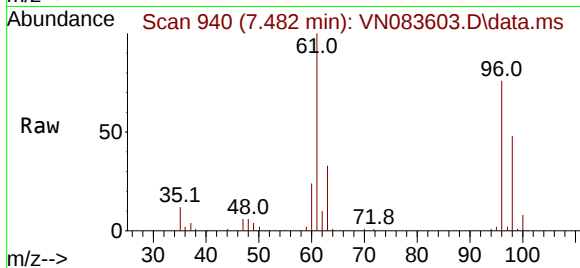


#27
 cis-1,2-Dichloroethene
 Concen: 57.414 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN083603.D
 Acq: 31 Aug 2024 08:33

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10B-42.5-082724

Tgt Ion: 96 Resp: 118851

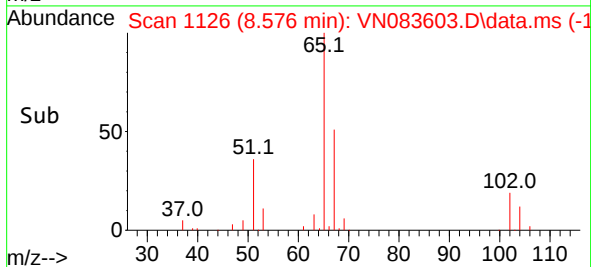
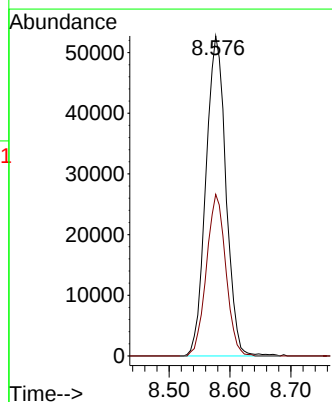
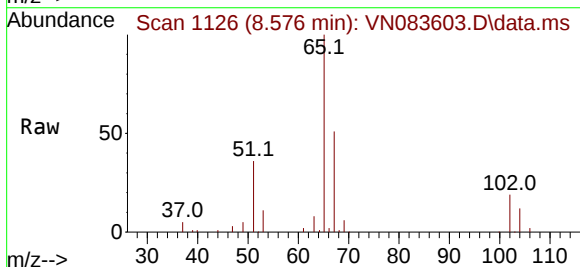
Ion	Ratio	Lower	Upper
96	100		
61	136.7	0.0	306.2
98	64.3	0.0	128.6

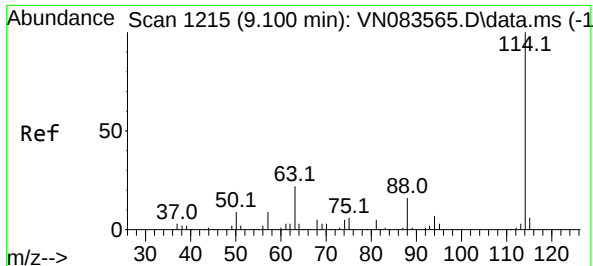


#33
 1,2-Dichloroethane-d4
 Concen: 56.695 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN083603.D
 Acq: 31 Aug 2024 08:33

Tgt Ion: 65 Resp: 120458

Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083603.D

Acq: 31 Aug 2024 08:33

Instrument :

MSVOA_N

ClientSampleId :

MW-10B-42.5-082724

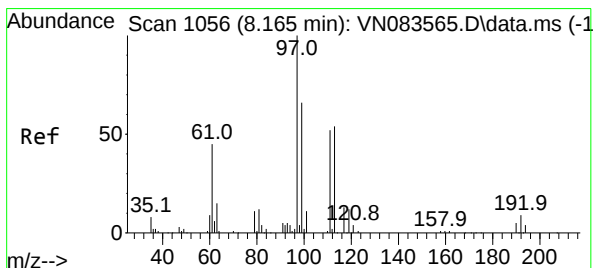
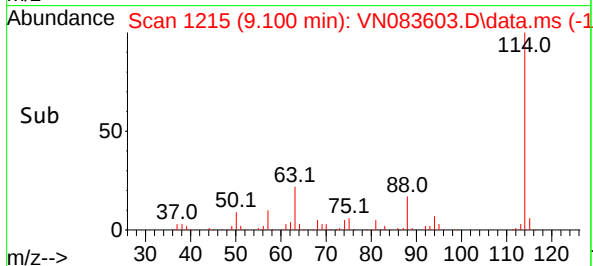
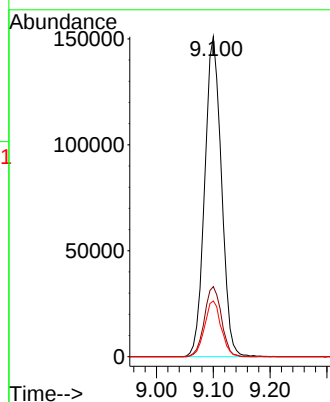
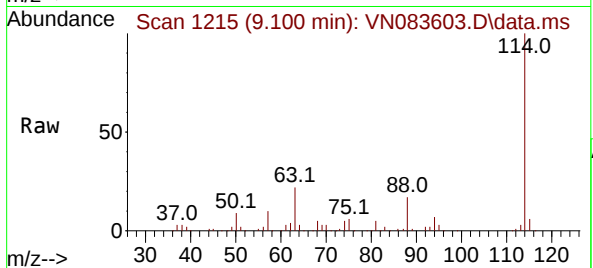
Tgt Ion:114 Resp: 307527

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

88 17.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.707 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083603.D

Acq: 31 Aug 2024 08:33

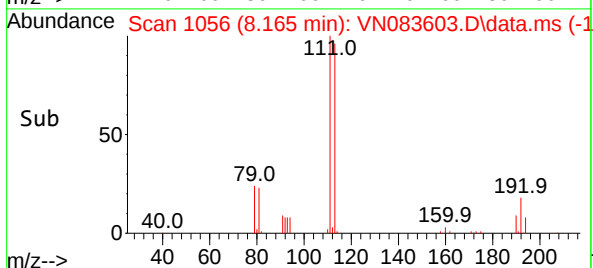
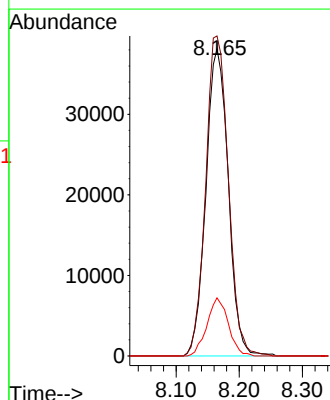
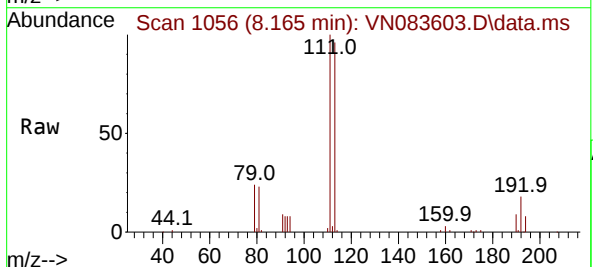
Tgt Ion:113 Resp: 93855

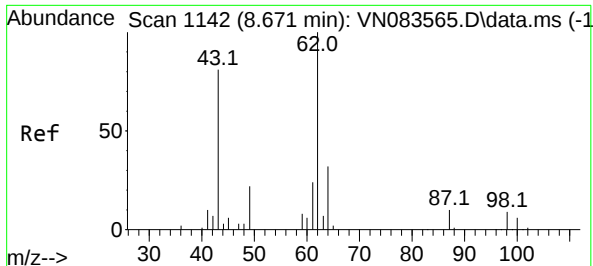
Ion Ratio Lower Upper

113 100

111 105.4 82.6 124.0

192 18.0 14.3 21.5





#42

1,2-Dichloroethane

Concen: 2.742 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN083603.D

Acq: 31 Aug 2024 08:33

Instrument :

MSVOA_N

ClientSampleId :

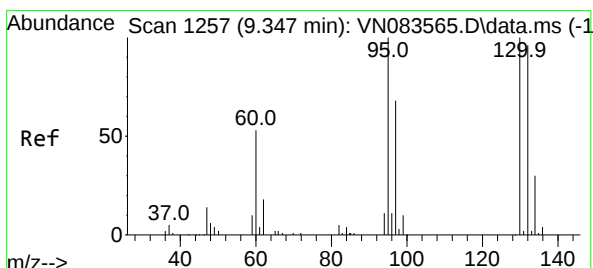
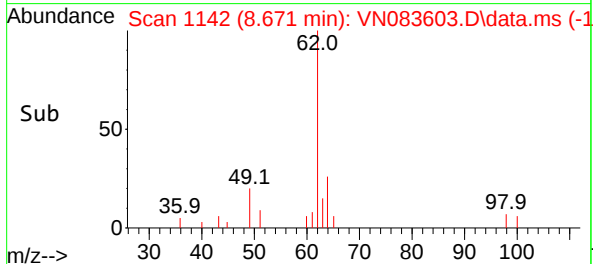
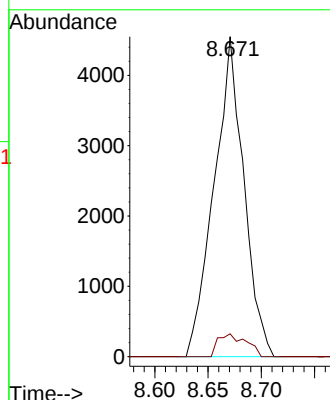
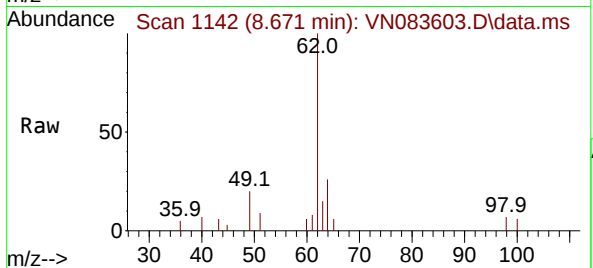
MW-10B-42.5-082724

Tgt Ion: 62 Resp: 8829

Ion Ratio Lower Upper

62 100

98 6.7 0.0 16.6



#44

Trichloroethene

Concen: 14.690 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN083603.D

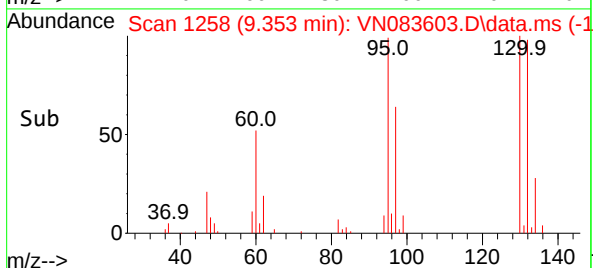
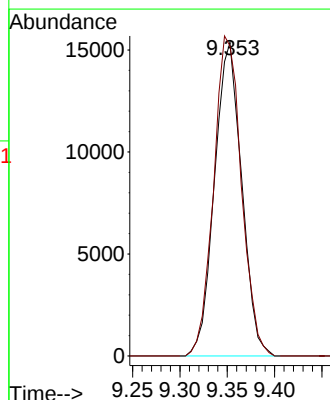
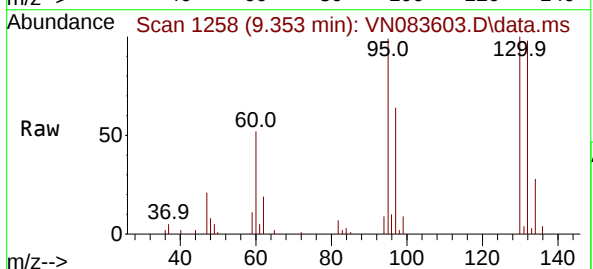
Acq: 31 Aug 2024 08:33

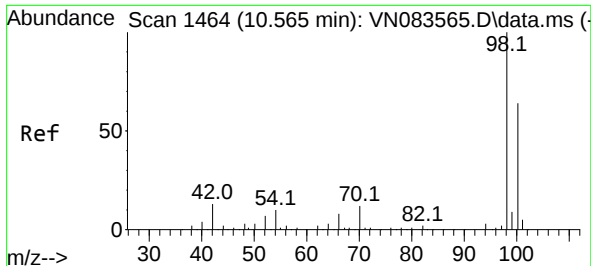
Tgt Ion:130 Resp: 30691

Ion Ratio Lower Upper

130 100

95 98.9 0.0 200.4

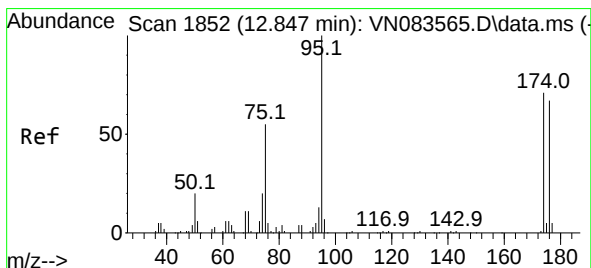
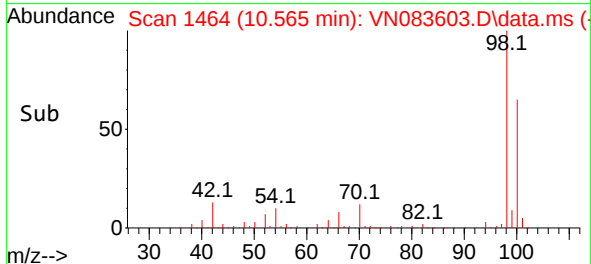
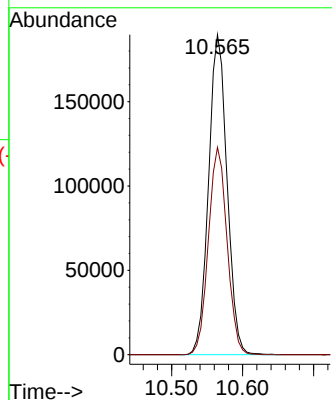
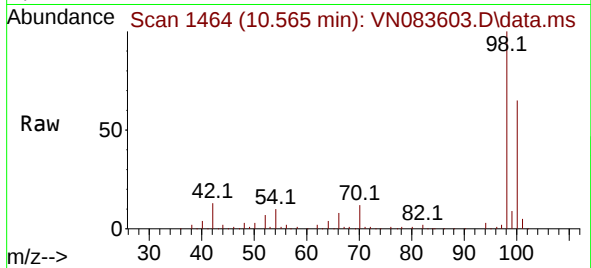




#50
Toluene-d8
Concen: 47.554 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083603.D
Acq: 31 Aug 2024 08:33

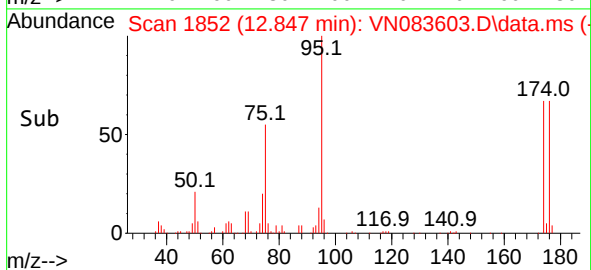
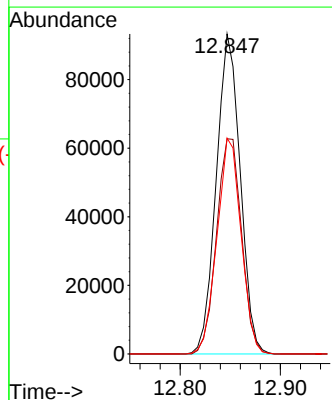
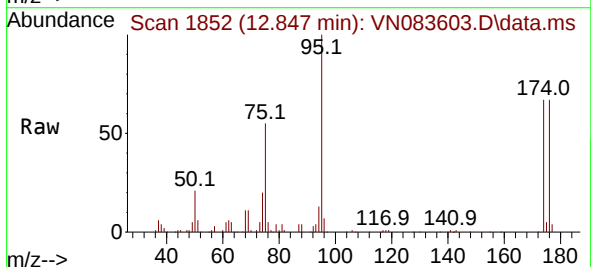
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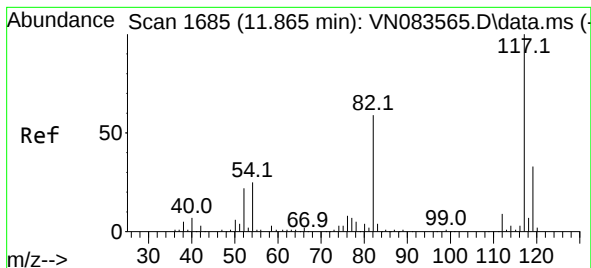
Tgt Ion: 98 Resp: 342740
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 58.018 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083603.D
Acq: 31 Aug 2024 08:33

Tgt Ion: 95 Resp: 154915
Ion Ratio Lower Upper
95 100
174 70.2 0.0 139.8
176 67.8 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083603.D

Acq: 31 Aug 2024 08:33

Instrument :

MSVOA_N

ClientSampleId :

MW-10B-42.5-082724

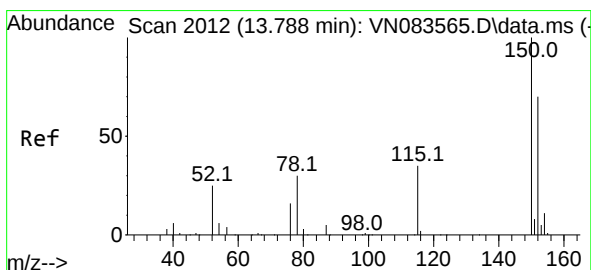
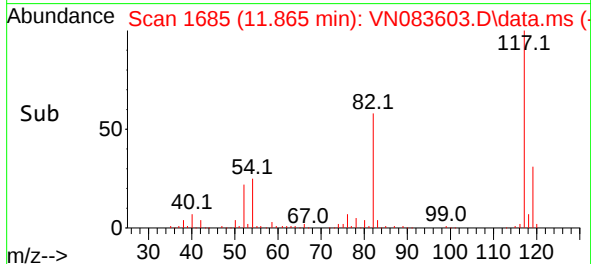
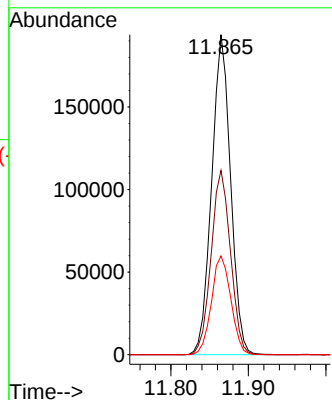
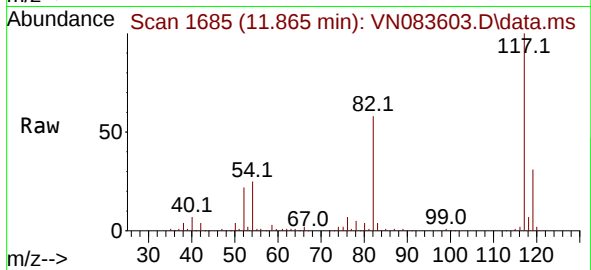
Tgt Ion:117 Resp: 327957

Ion Ratio Lower Upper

117 100

82 57.6 47.4 71.0

119 30.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN083603.D

Acq: 31 Aug 2024 08:33

Tgt Ion:152 Resp: 152861

Ion Ratio Lower Upper

152 100

115 64.5 32.2 96.6

150 155.7 0.0 348.6

