

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083606.D
 Acq On : 31 Aug 2024 09:45
 Operator : JC\MD
 Sample : P3769-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13A-10.5-082724

Quant Time: Sep 02 01:02:46 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)

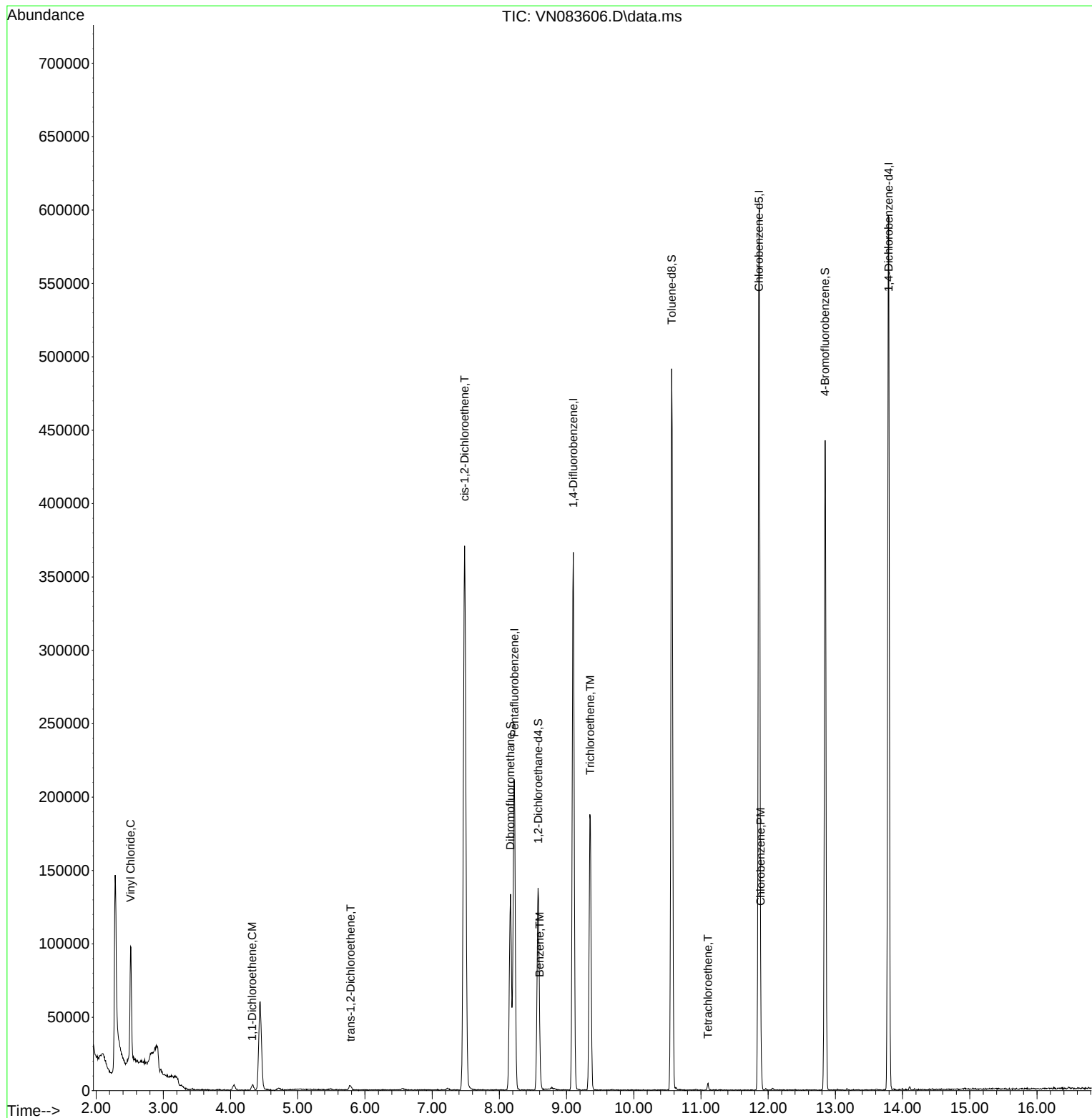
Internal Standards						
1) Pentafluorobenzene	8.224	168	149411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115869	55.489	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.980%	
35) Dibromofluoromethane	8.165	113	93801	51.239	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.480%	
50) Toluene-d8	10.565	98	334580	46.951	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.900%	
62) 4-Bromofluorobenzene	12.847	95	156436	59.237	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 118.480%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.512	62	72107	39.114	ug/l	93
12) 1,1-Dichloroethene	4.324	96	2172	1.327	ug/l #	61
21) trans-1,2-Dichloroethene	5.789	96	1921	1.127	ug/l	92
27) cis-1,2-Dichloroethene	7.483	96	220274	108.268	ug/l	89
40) Benzene	8.600	78	7087	0.825	ug/l	92
44) Trichloroethene	9.353	130	63718	30.836	ug/l	90
64) Tetrachloroethene	11.106	164	886	0.417	ug/l #	83
65) Chlorobenzene	11.888	112	10594	1.460	ug/l	93

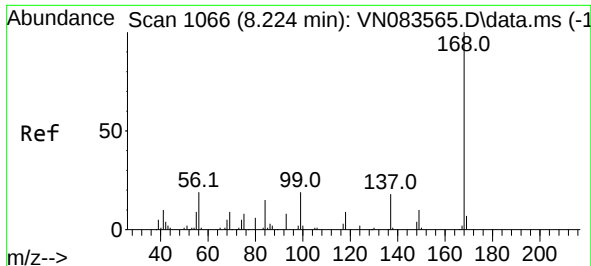
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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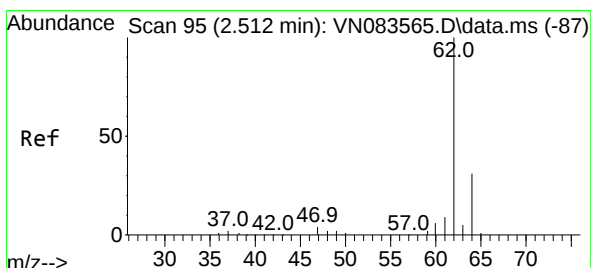
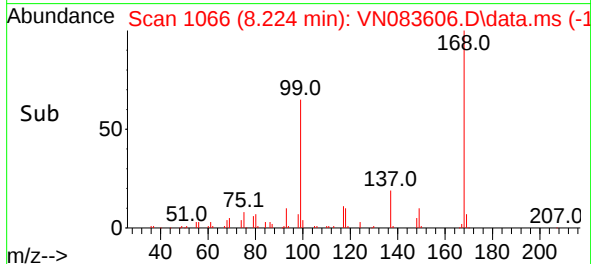
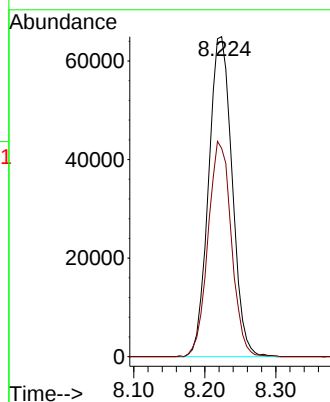
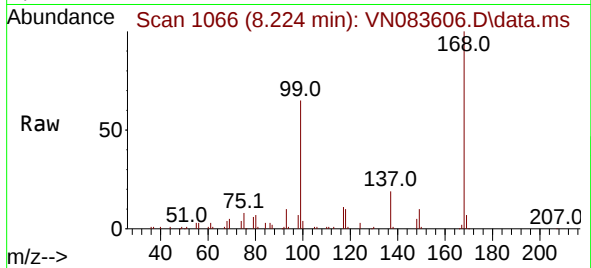




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083606.D
Acq: 31 Aug 2024 09:45

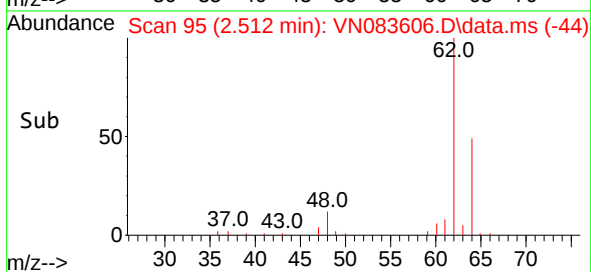
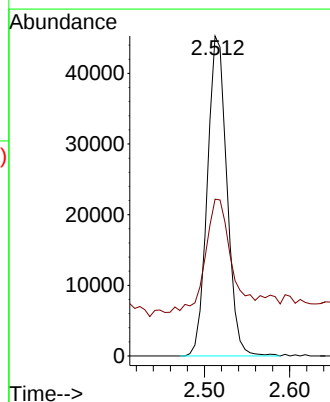
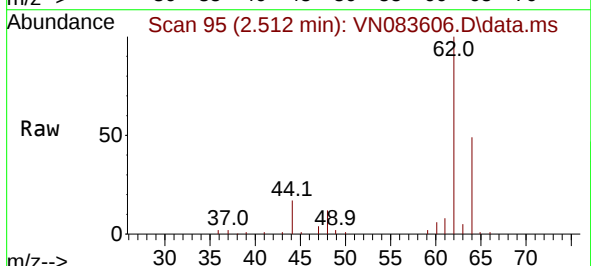
Instrument :
MSVOA_N
ClientSampleId :
MW-13A-10.5-082724

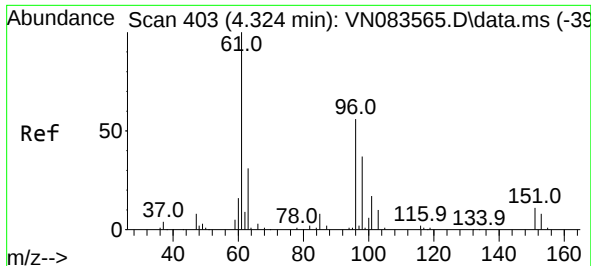
Tgt Ion:168 Resp: 149411
Ion Ratio Lower Upper
168 100
99 65.1 54.2 81.2



#4
Vinyl Chloride
Concen: 39.114 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083606.D
Acq: 31 Aug 2024 09:45

Tgt Ion: 62 Resp: 72107
Ion Ratio Lower Upper
62 100
64 34.8 24.7 37.1

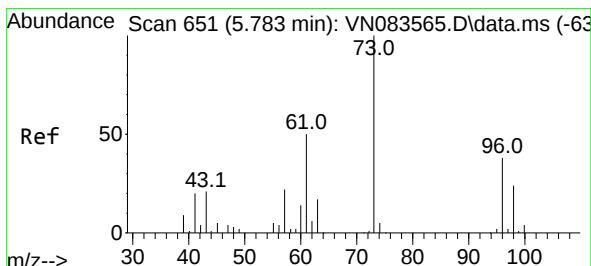
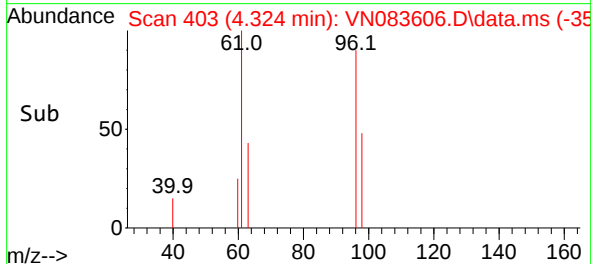
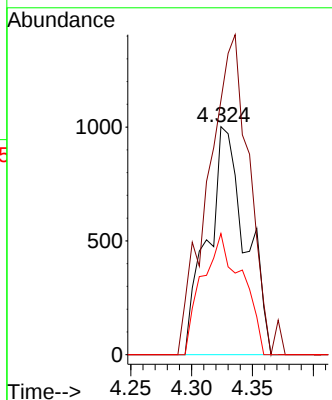
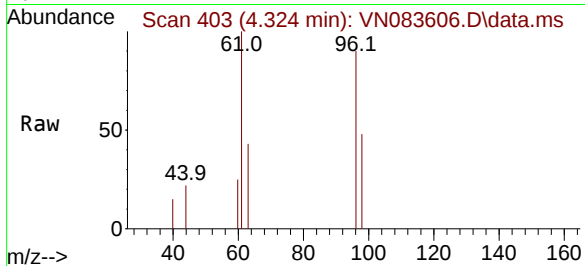




#12
 1,1-Dichloroethene
 Concen: 1.327 ug/l
 RT: 4.324 min Scan# 403
 Delta R.T. 0.000 min
 Lab File: VN083606.D
 Acq: 31 Aug 2024 09:45

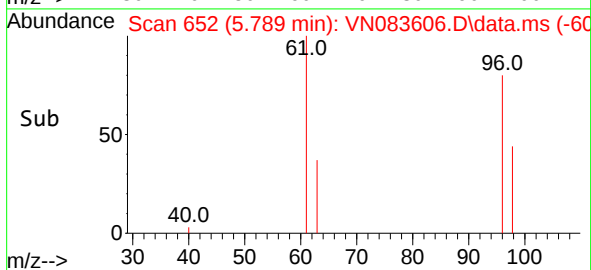
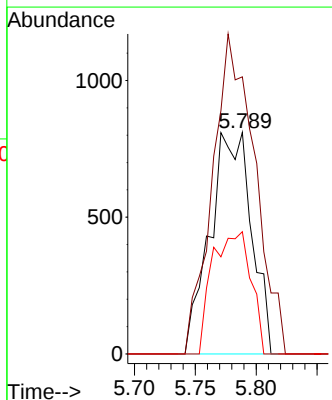
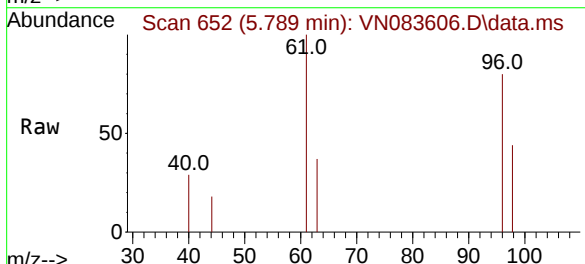
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13A-10.5-082724

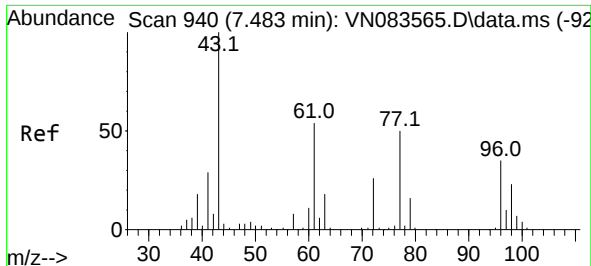
Tgt Ion: 96 Resp: 2172
 Ion Ratio Lower Upper
 96 100
 61 111.5 143.4 215.0#
 98 53.1 52.7 79.1



#21
 trans-1,2-Dichloroethene
 Concen: 1.127 ug/l
 RT: 5.789 min Scan# 652
 Delta R.T. 0.006 min
 Lab File: VN083606.D
 Acq: 31 Aug 2024 09:45

Tgt Ion: 96 Resp: 1921
 Ion Ratio Lower Upper
 96 100
 61 125.1 106.0 159.0
 98 55.2 52.2 78.2





#27

cis-1,2-Dichloroethene

Concen: 108.268 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN083606.D

Acq: 31 Aug 2024 09:45

Instrument :

MSVOA_N

ClientSampleId :

MW-13A-10.5-082724

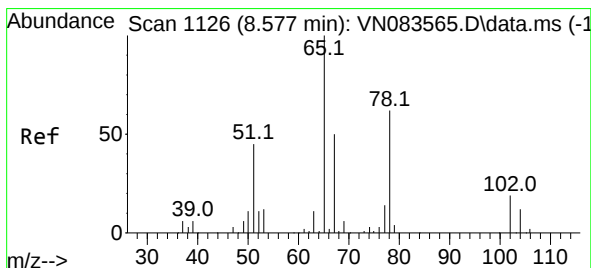
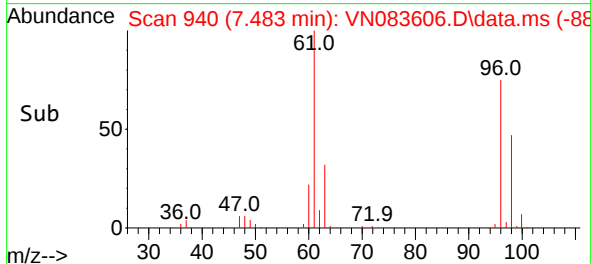
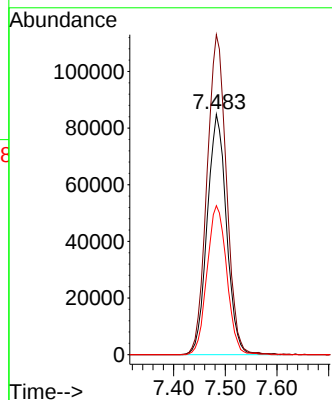
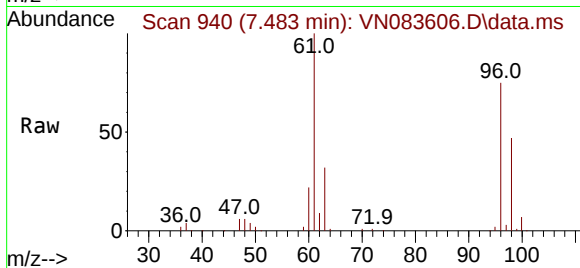
Tgt Ion: 96 Resp: 220274

Ion Ratio Lower Upper

96 100

61 134.3 0.0 306.2

98 63.4 0.0 128.6



#33

1,2-Dichloroethane-d4

Concen: 55.489 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083606.D

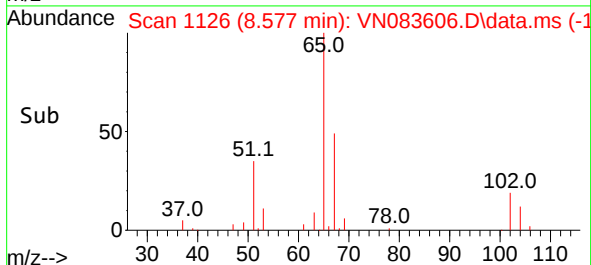
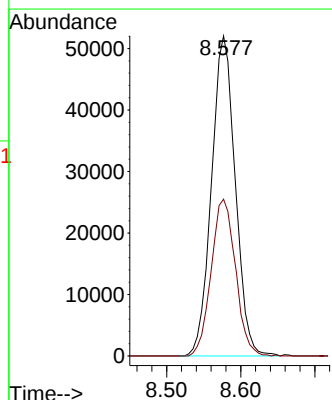
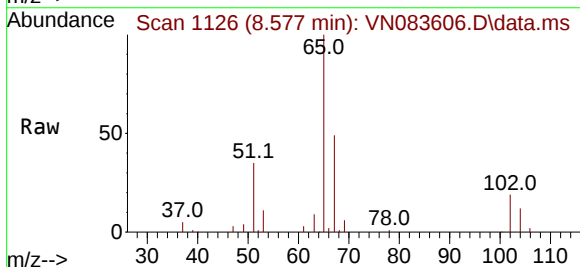
Acq: 31 Aug 2024 09:45

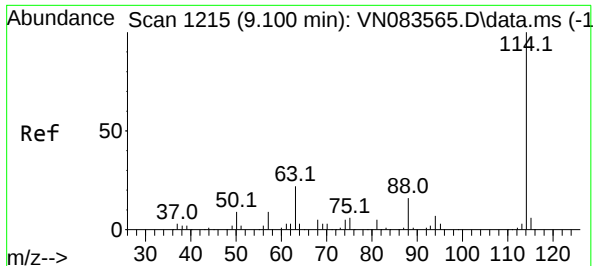
Tgt Ion: 65 Resp: 115869

Ion Ratio Lower Upper

65 100

67 50.2 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: VN083606.D

Acq: 31 Aug 2024 09:45

Instrument :

MSVOA_N

ClientSampleId :

MW-13A-10.5-082724

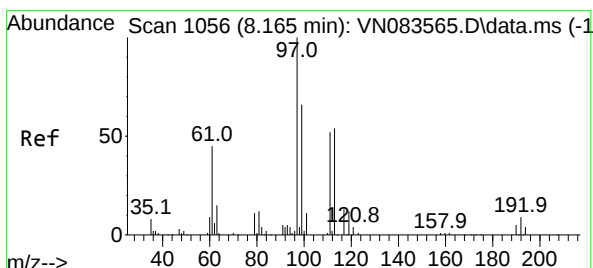
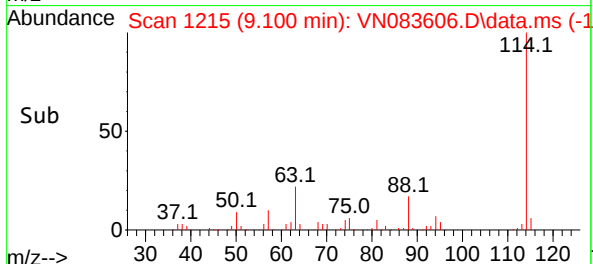
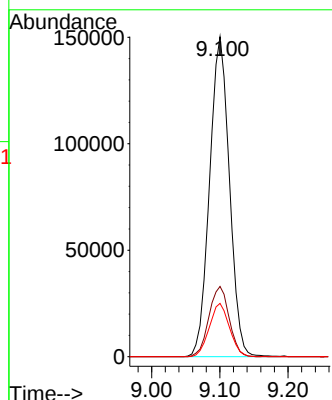
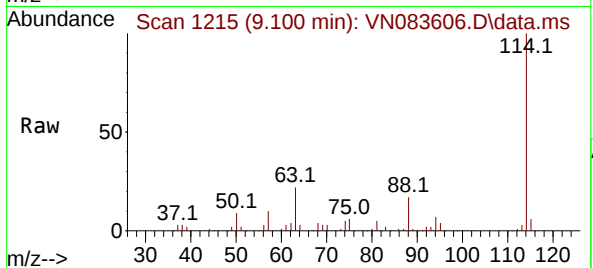
Tgt Ion:114 Resp: 304157

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 16.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.239 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083606.D

Acq: 31 Aug 2024 09:45

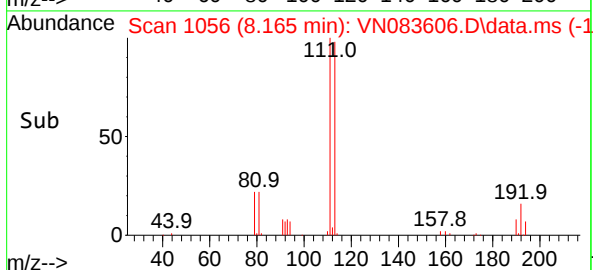
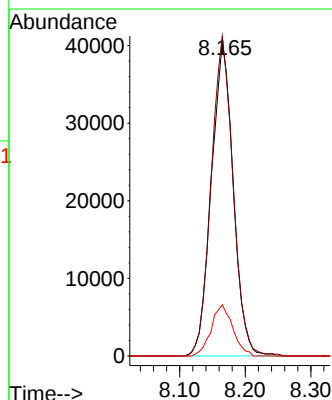
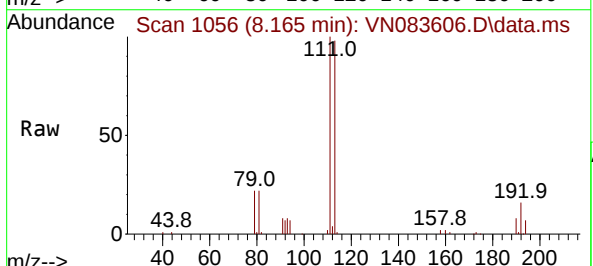
Tgt Ion:113 Resp: 93801

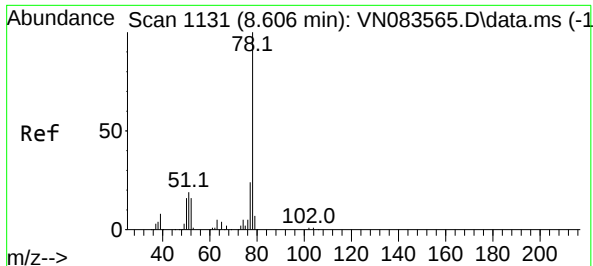
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 16.1 14.3 21.5





#40

Benzene

Concen: 0.825 ug/l

RT: 8.600 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN083606.D

Acq: 31 Aug 2024 09:45

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ClientSampleId :

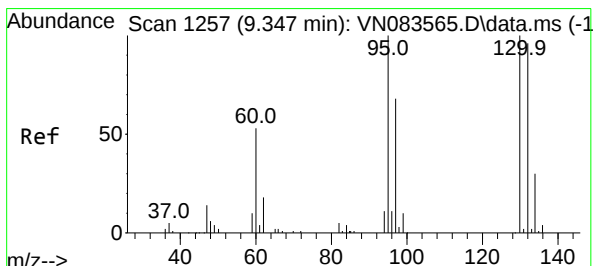
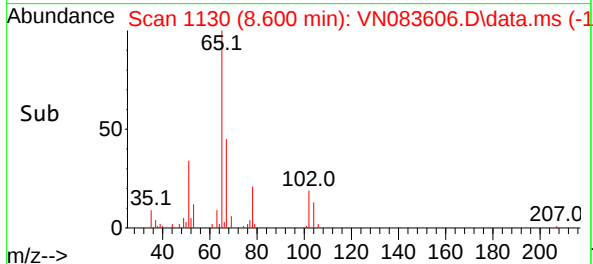
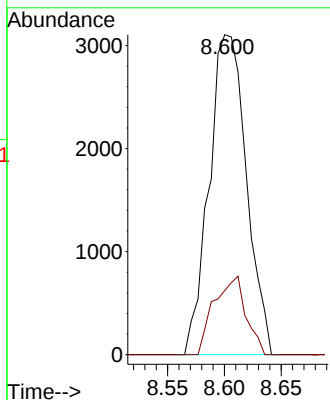
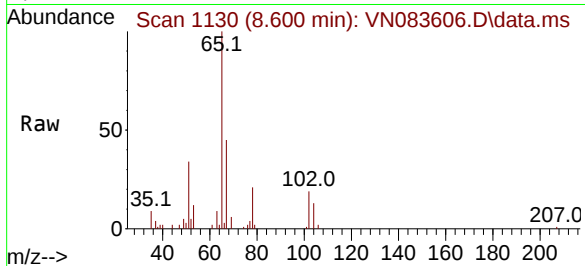
MW-13A-10.5-082724

Tgt Ion: 78 Resp: 7087

Ion Ratio Lower Upper

78 100

77 20.0 19.0 28.6



#44

Trichloroethene

Concen: 30.836 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN083606.D

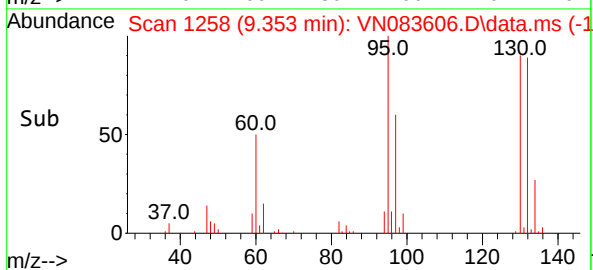
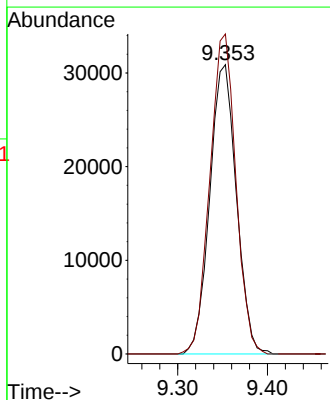
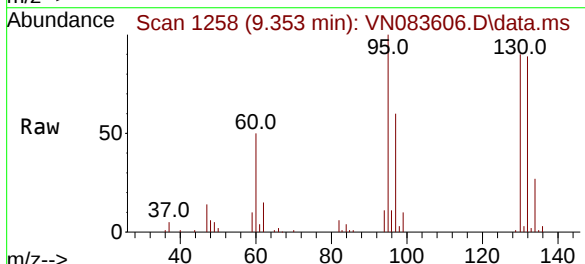
Acq: 31 Aug 2024 09:45

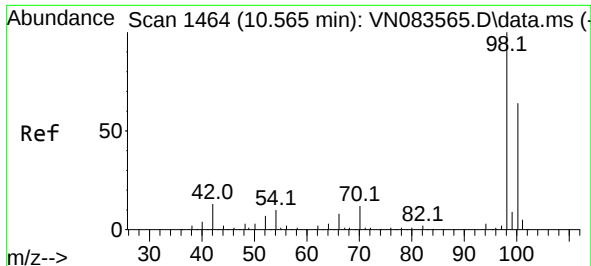
Tgt Ion:130 Resp: 63718

Ion Ratio Lower Upper

130 100

95 110.6 0.0 200.4

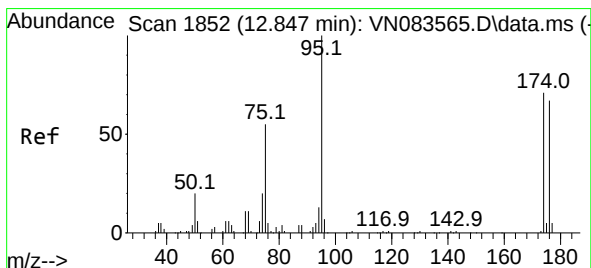
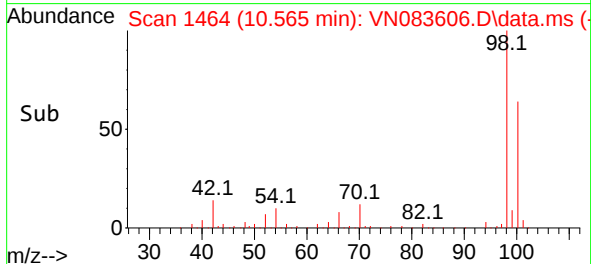
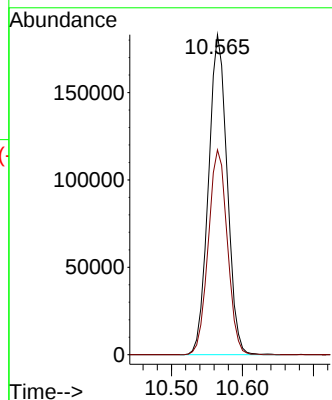
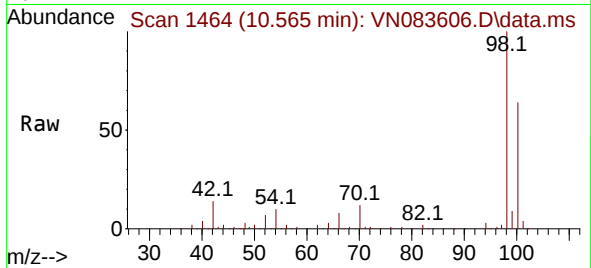




#50
Toluene-d8
Concen: 46.951 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083606.D
Acq: 31 Aug 2024 09:45

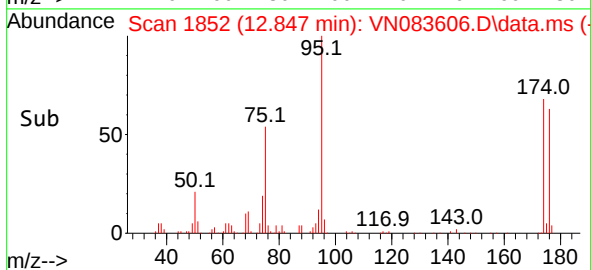
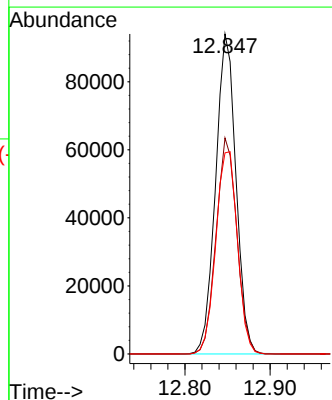
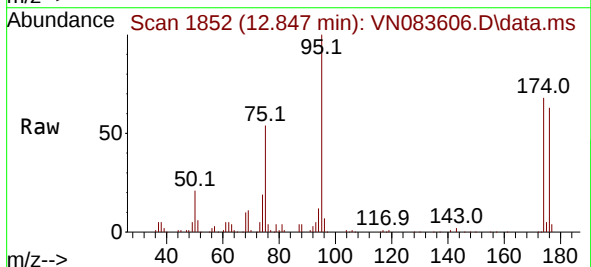
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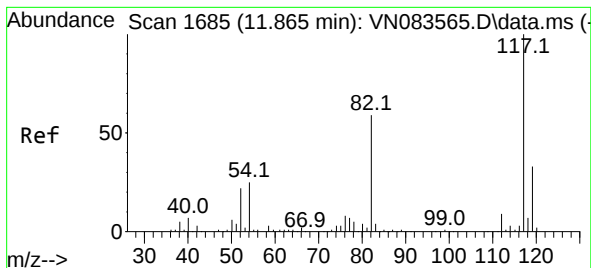
Tgt Ion: 98 Resp: 334580
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 59.237 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083606.D
Acq: 31 Aug 2024 09:45

Tgt Ion: 95 Resp: 156436
Ion Ratio Lower Upper
95 100
174 68.7 0.0 139.8
176 67.3 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: VN083606.D

Acq: 31 Aug 2024 09:45

Instrument :

MSVOA_N

ClientSampleId :

MW-13A-10.5-082724

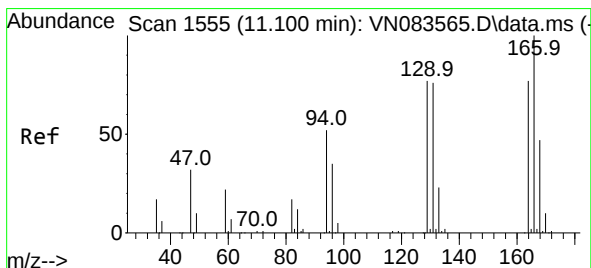
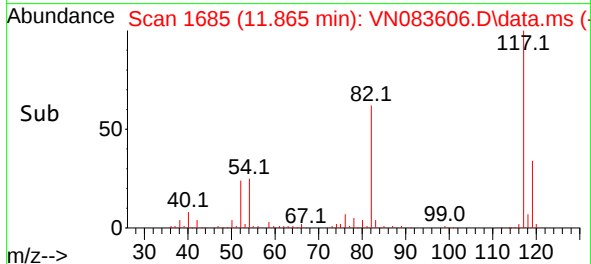
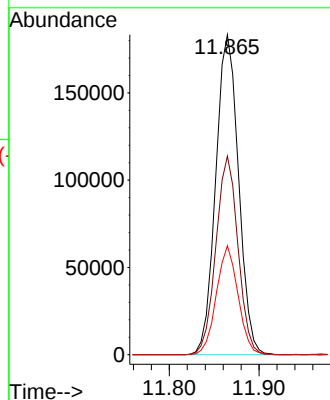
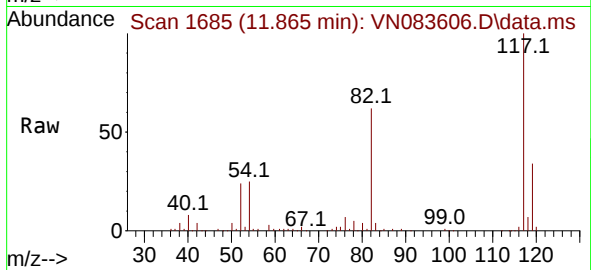
Tgt Ion:117 Resp: 323503

Ion Ratio Lower Upper

117 100

82 62.0 47.4 71.0

119 34.0 26.3 39.5



#64

Tetrachloroethene

Concen: 0.417 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN083606.D

Acq: 31 Aug 2024 09:45

Tgt Ion:164 Resp: 886

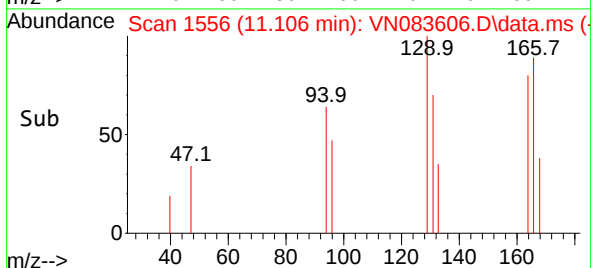
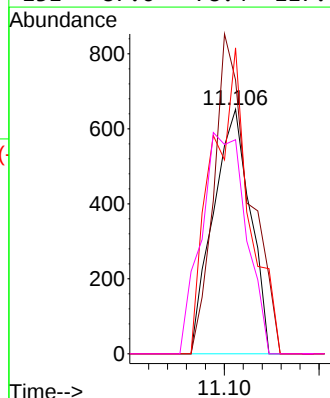
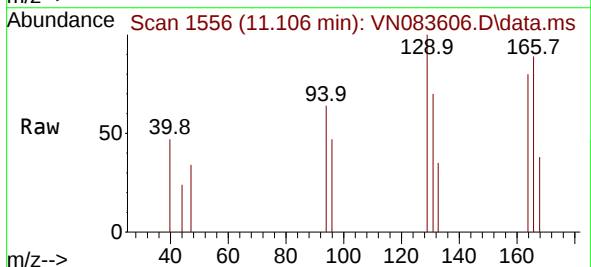
Ion Ratio Lower Upper

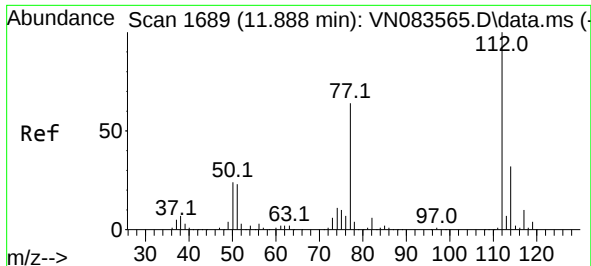
164 100

166 112.0 103.7 155.5

129 125.2 79.9 119.9#

131 87.6 78.4 117.6

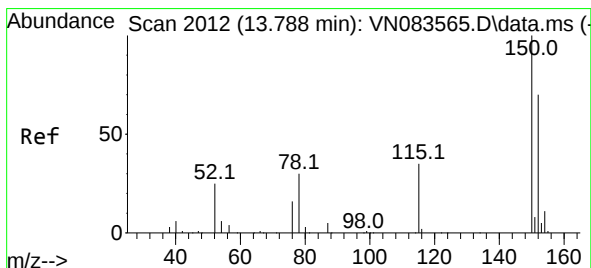
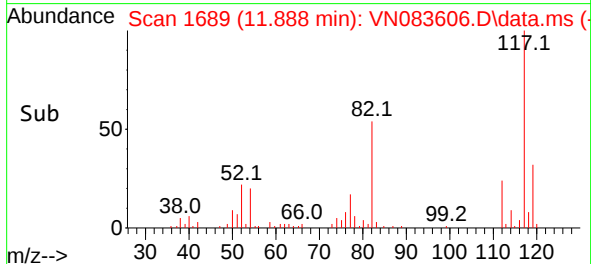
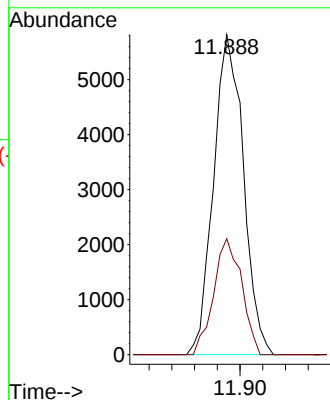
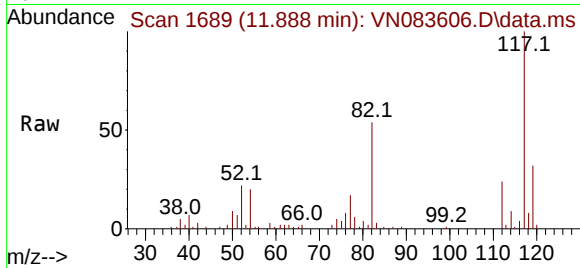




#65
Chlorobenzene
Concen: 1.460 ug/l
RT: 11.888 min Scan# 10594
Delta R.T. 0.000 min
Lab File: VN083606.D
Acq: 31 Aug 2024 09:45

Instrument :
MSVOA_N
ClientSampleId :
MW-13A-10.5-082724

Tgt Ion:112 Resp: 10594
Ion Ratio Lower Upper
112 100
114 36.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083606.D
Acq: 31 Aug 2024 09:45

Tgt Ion:152 Resp: 153064
Ion Ratio Lower Upper
152 100
115 65.0 32.2 96.6
150 159.3 0.0 348.6

