

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084285.D
 Acq On : 03 Oct 2024 09:42
 Operator : JC\MD
 Sample : VN1003WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBL01

Quant Time: Oct 04 01:29:02 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)

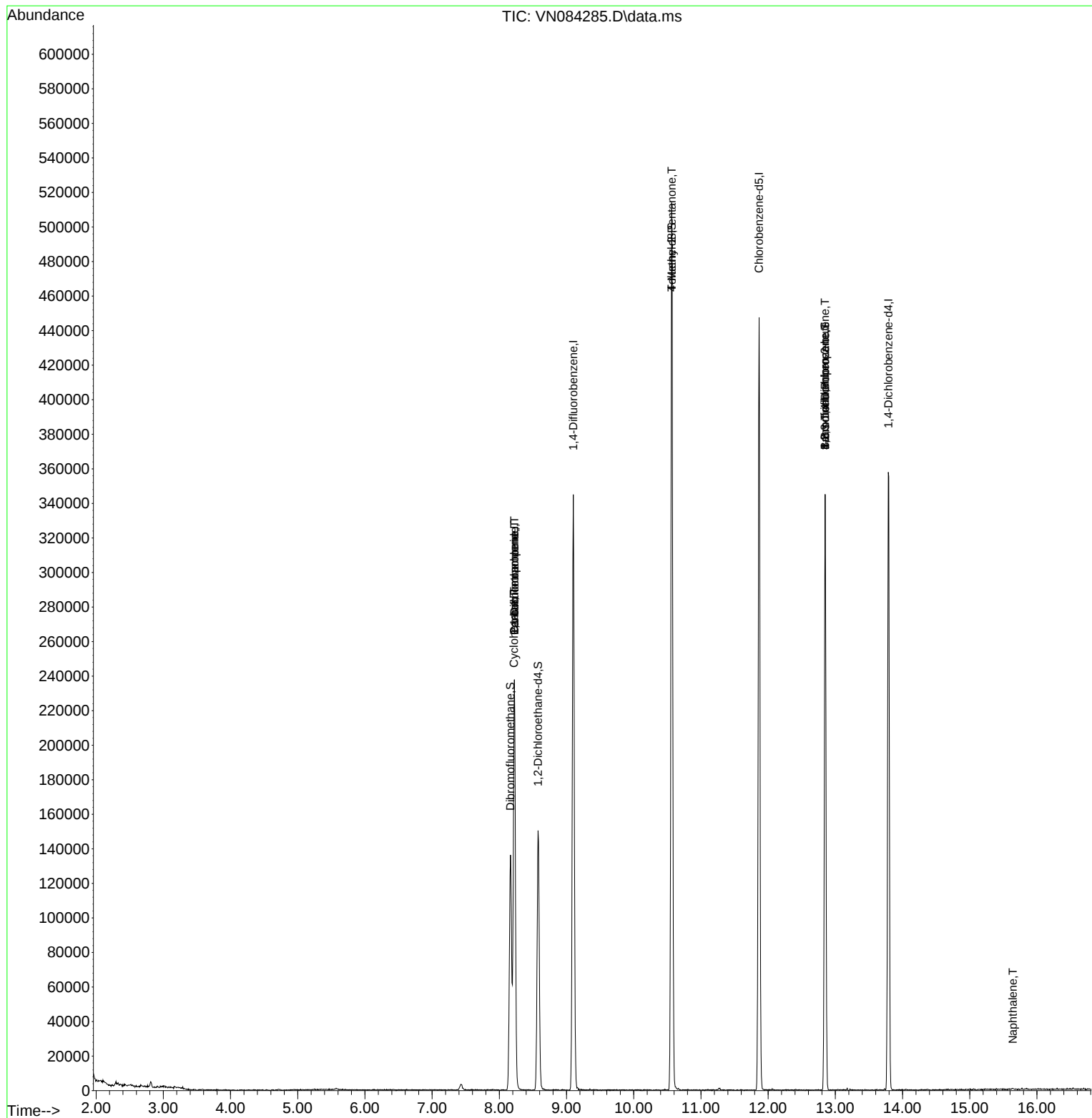
Internal Standards						
1) Pentafluorobenzene	8.224	168	163611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125911	51.904	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.800%	
35) Dibromofluoromethane	8.165	113	98018	51.897	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.800%	
50) Toluene-d8	10.565	98	350297	50.412	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.820%	
62) 4-Bromofluorobenzene	12.847	95	117713	46.499	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.000%	
Target Compounds						
					Qvalue	
31) Cyclohexane	8.218	56	3947	1.098	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14355	5.233	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18024	5.989	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	1331	0.497	ug/l #	1
71) Bromoform	12.847	173	828	0.590	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61593	30.703	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61593	73.609	ug/l #	11
95) Naphthalene	15.641	128	1143	0.210	ug/l #	69

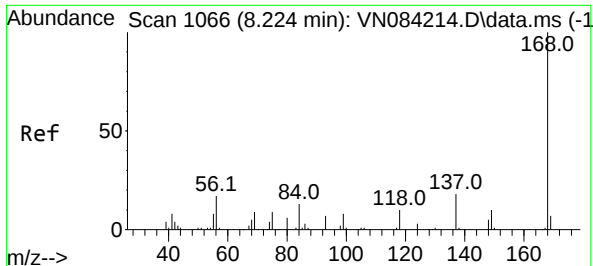
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 04 01:29:02 2024
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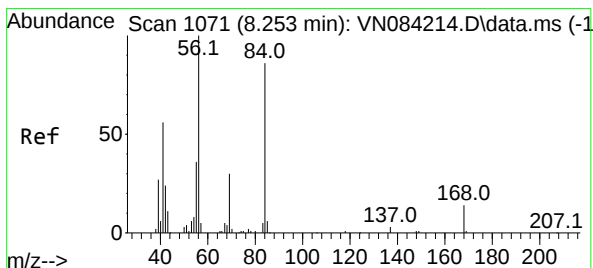
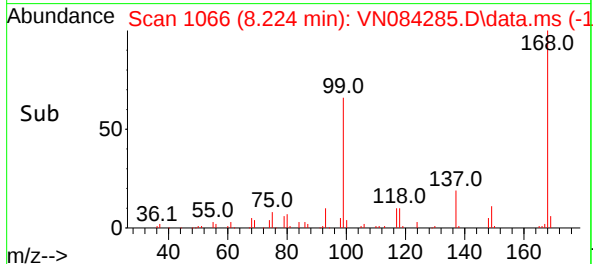
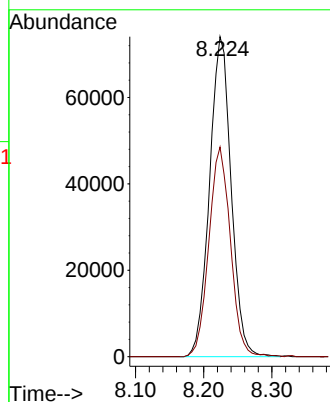
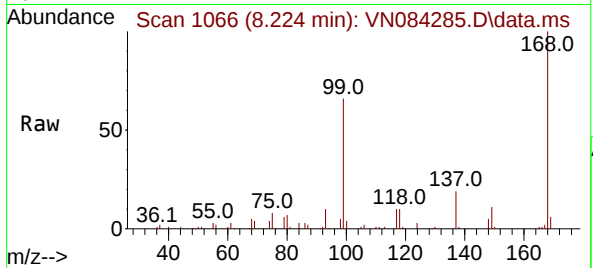




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN084285.D
Acq: 03 Oct 2024 09:42

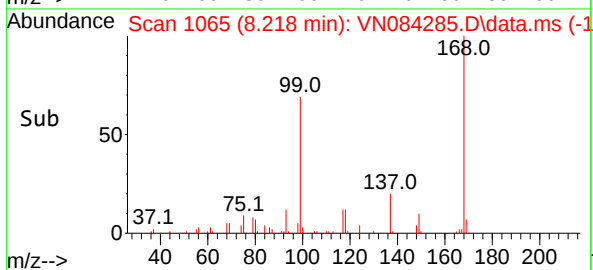
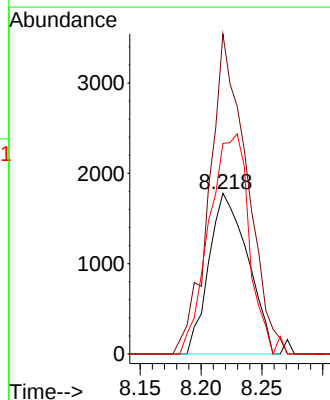
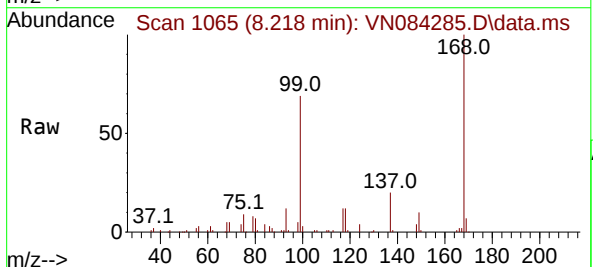
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBL01

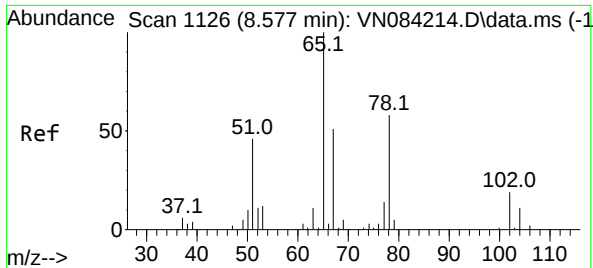
Tgt Ion:168 Resp: 163611
Ion Ratio Lower Upper
168 100
99 65.5 54.2 81.2



#31
Cyclohexane
Concen: 1.098 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084285.D
Acq: 03 Oct 2024 09:42

Tgt Ion: 56 Resp: 3947
Ion Ratio Lower Upper
56 100
69 190.6 23.8 35.6#
84 131.1 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 51.904 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084285.D

Acq: 03 Oct 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

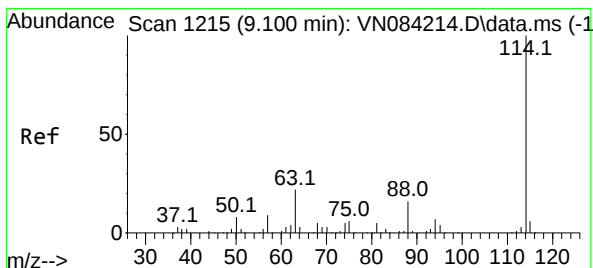
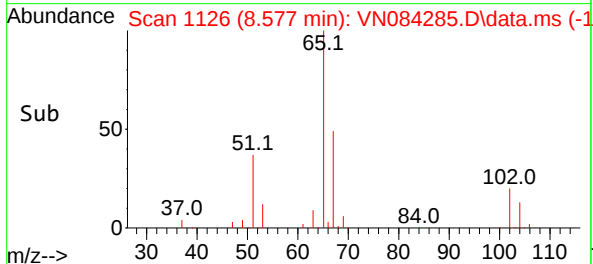
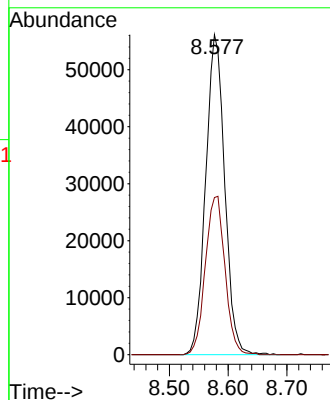
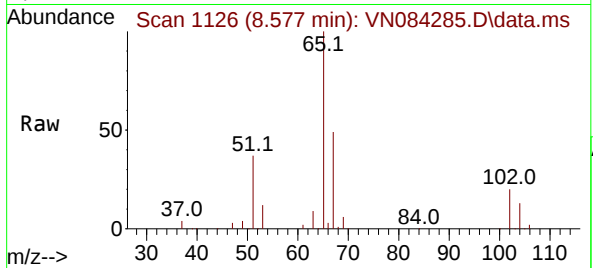
VN1003WBL01

Tgt Ion: 65 Resp: 125911

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084285.D

Acq: 03 Oct 2024 09:42

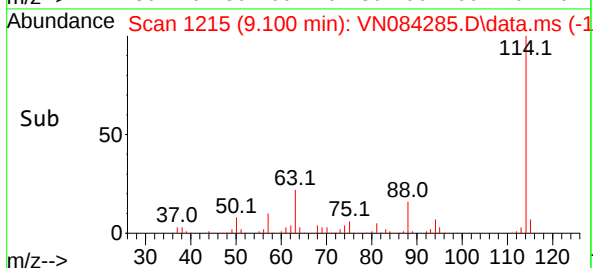
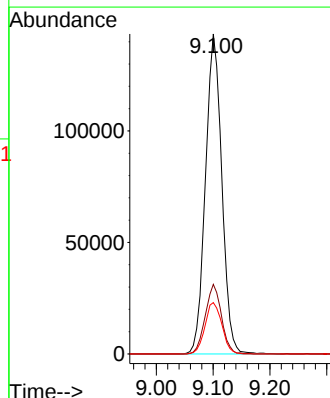
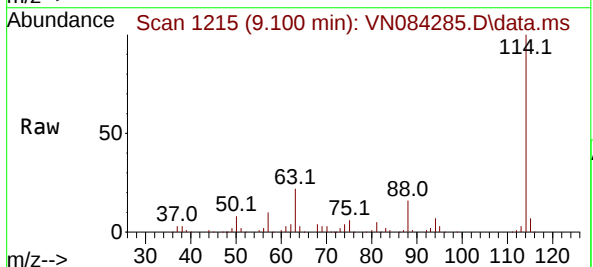
Tgt Ion: 114 Resp: 286487

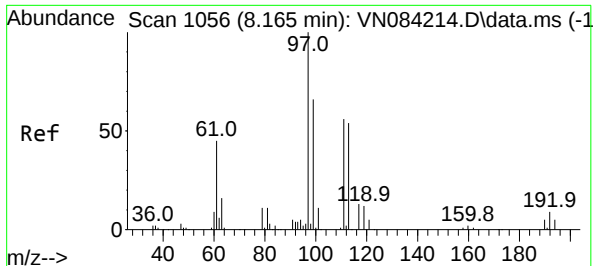
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.8

88 16.0 0.0 31.6

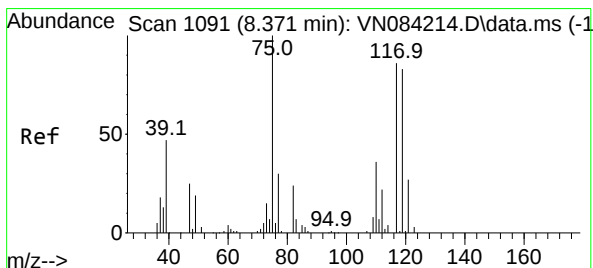
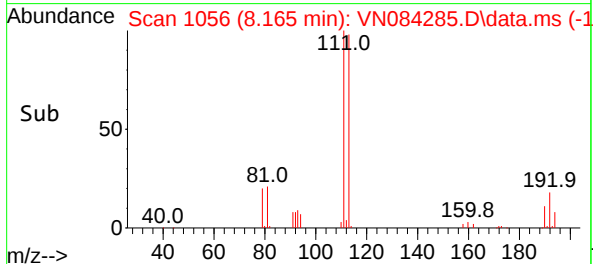
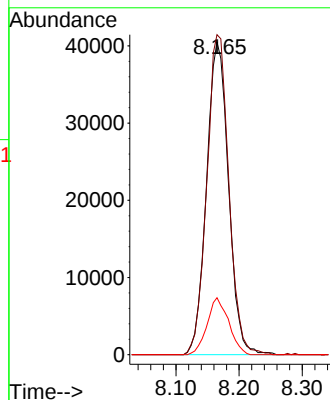
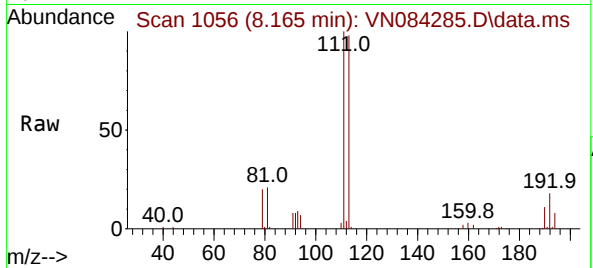




#35
Dibromofluoromethane
Concen: 51.897 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084285.D
Acq: 03 Oct 2024 09:42

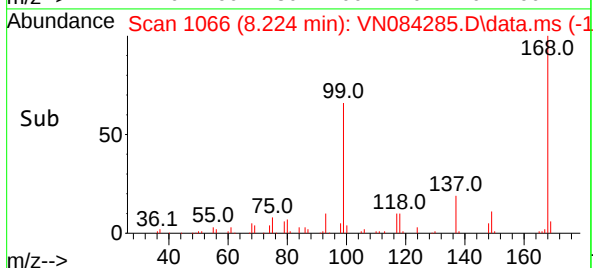
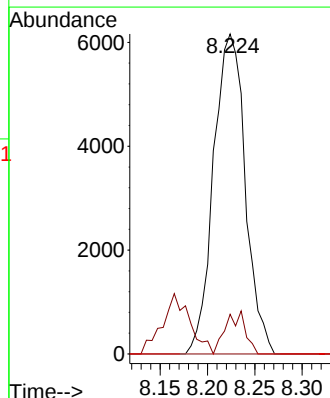
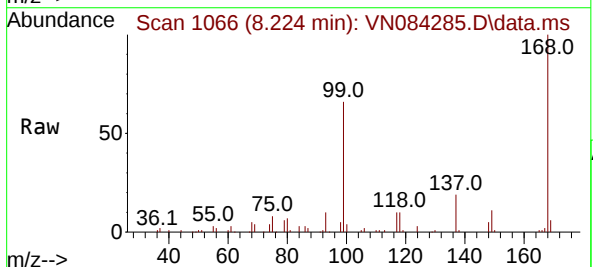
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBL01

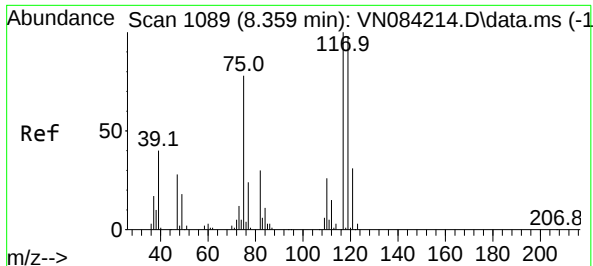
Tgt Ion:113 Resp: 98018
Ion Ratio Lower Upper
113 100
111 102.2 83.3 124.9
192 17.9 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.233 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084285.D
Acq: 03 Oct 2024 09:42

Tgt Ion: 75 Resp: 14355
Ion Ratio Lower Upper
75 100
110 8.3 16.9 50.7#
77 0.0 24.7 37.1#

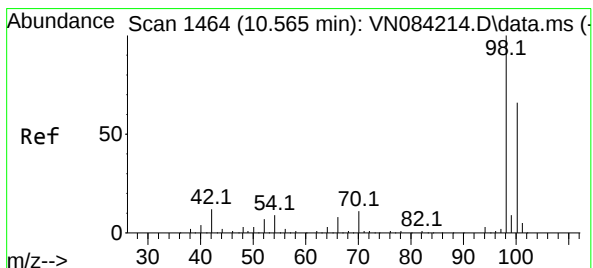
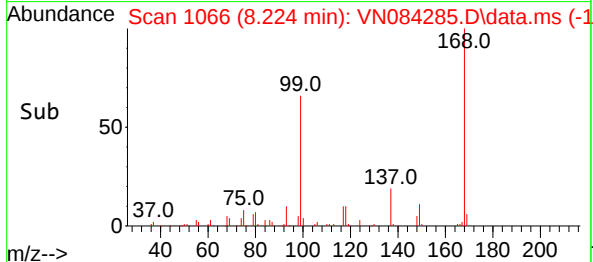
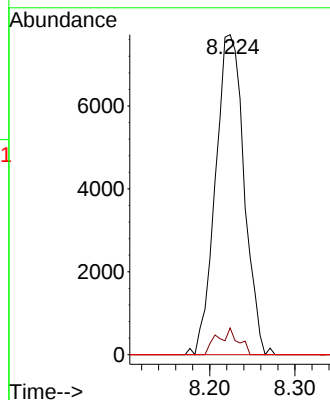
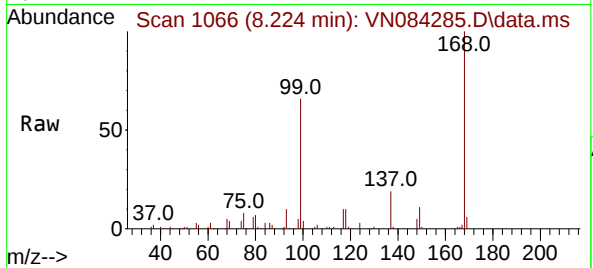




#38
Carbon Tetrachloride
Concen: 5.989 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084285.D
Acq: 03 Oct 2024 09:42

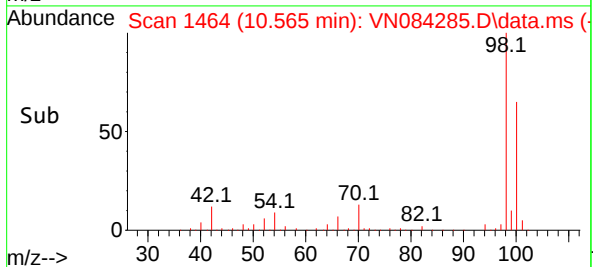
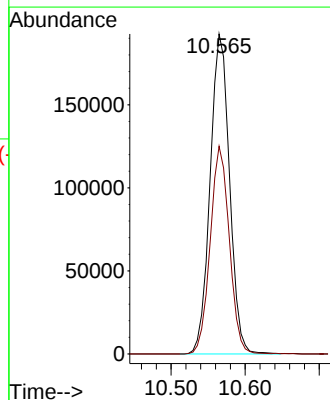
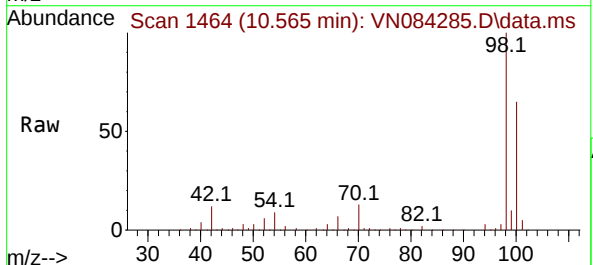
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBL01

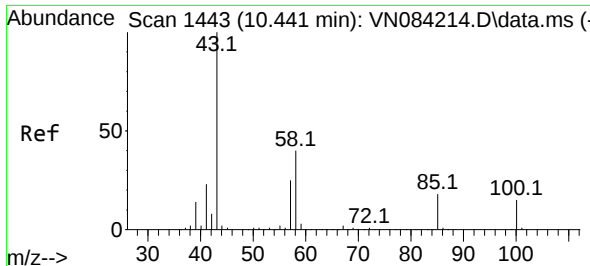
Tgt Ion:117 Resp: 18024
Ion Ratio Lower Upper
117 100
119 8.3 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.412 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084285.D
Acq: 03 Oct 2024 09:42

Tgt Ion: 98 Resp: 350297
Ion Ratio Lower Upper
98 100
100 63.9 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 0.497 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.124 min

Lab File: VN084285.D

Acq: 03 Oct 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

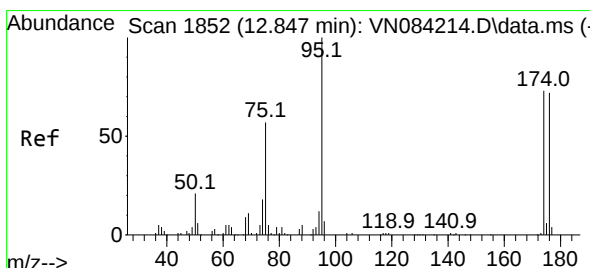
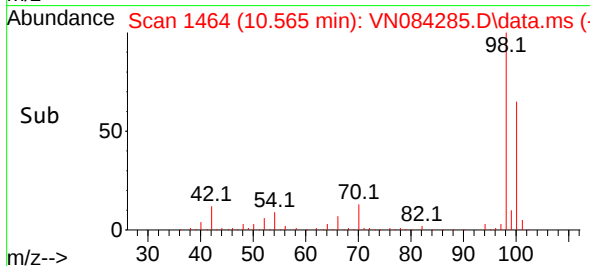
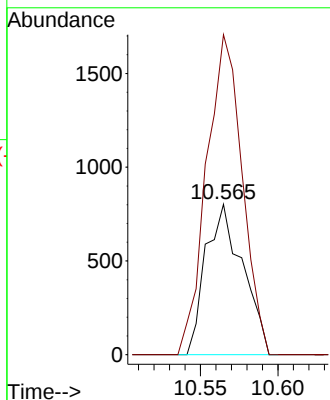
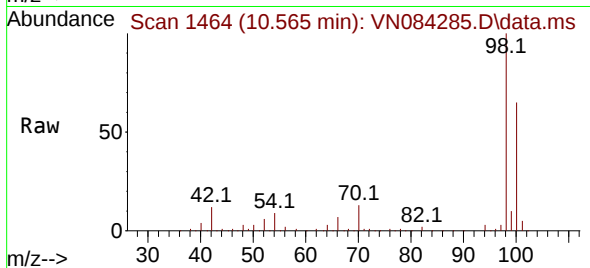
VN1003WBL01

Tgt Ion: 43 Resp: 1331

Ion Ratio Lower Upper

43 100

58 205.4 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 46.499 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084285.D

Acq: 03 Oct 2024 09:42

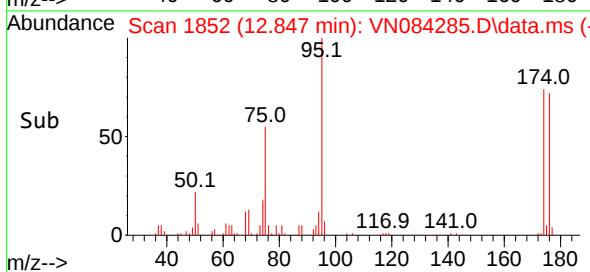
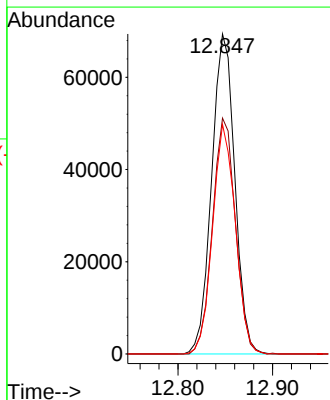
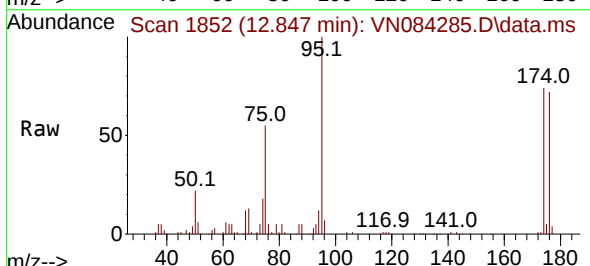
Tgt Ion: 95 Resp: 117713

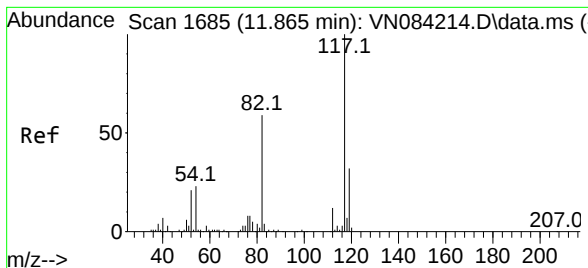
Ion Ratio Lower Upper

95 100

174 73.3 0.0 145.2

176 70.7 0.0 140.0

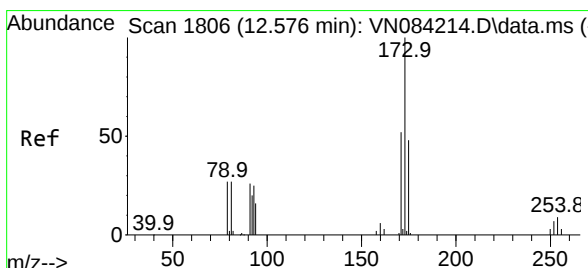
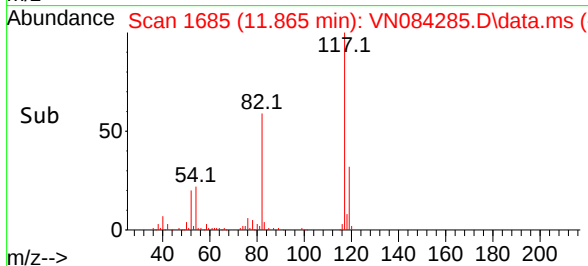
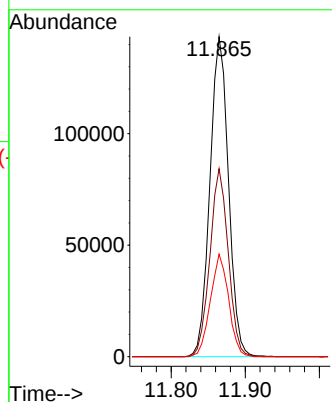
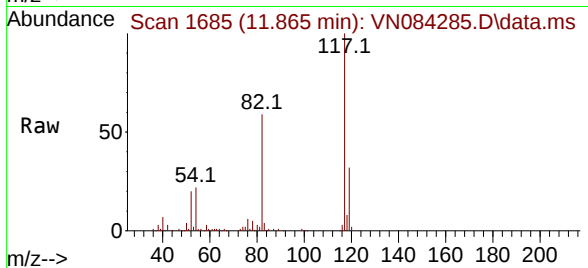




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084285.D
Acq: 03 Oct 2024 09:42

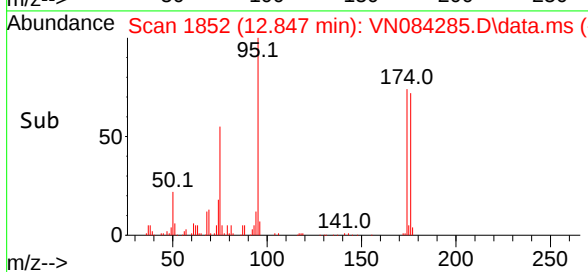
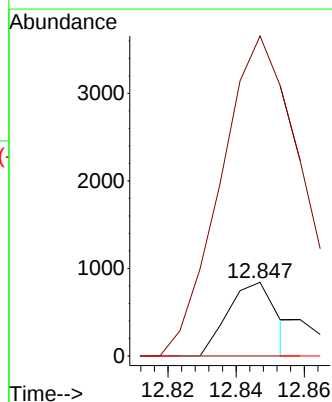
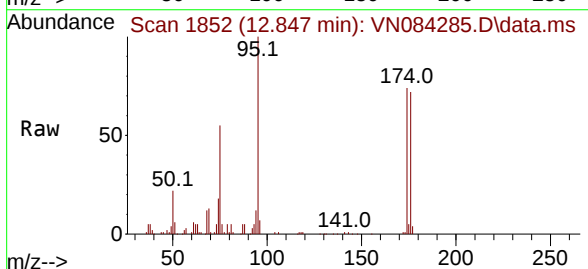
Instrument :
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VN1003WBL01

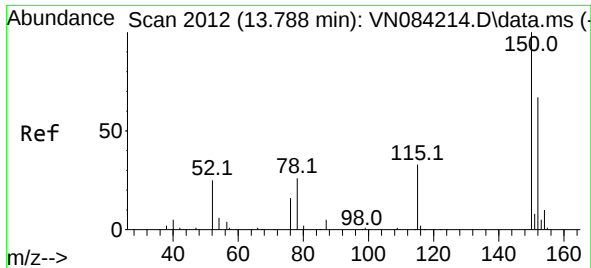
Tgt Ion:117 Resp: 249556
Ion Ratio Lower Upper
117 100
82 58.8 47.2 70.8
119 32.1 25.4 38.0



#71
Bromoform
Concen: 0.590 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084285.D
Acq: 03 Oct 2024 09:42

Tgt Ion:173 Resp: 828
Ion Ratio Lower Upper
173 100
175 560.0 23.5 70.6#
254 0.0 0.0 0.0

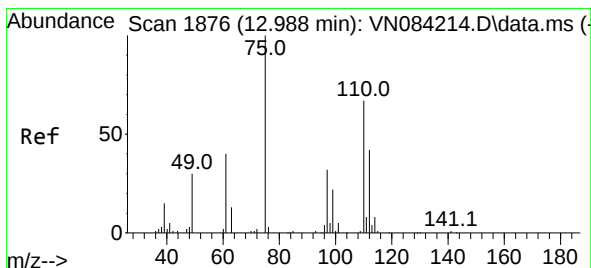
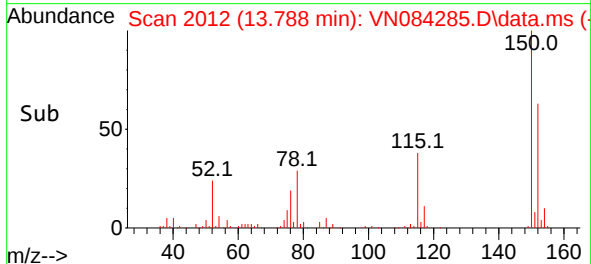
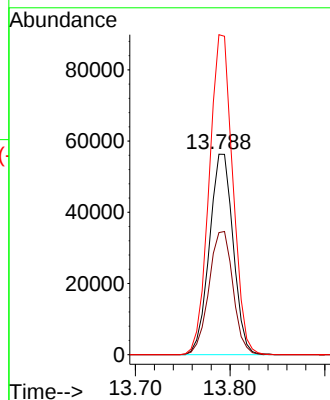
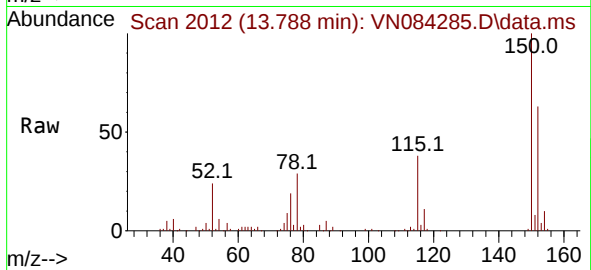




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN084285.D
 Acq: 03 Oct 2024 09:42

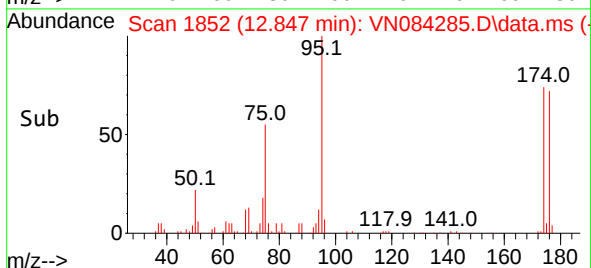
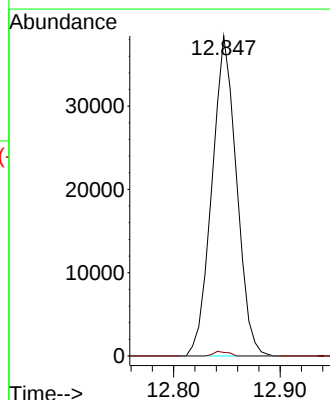
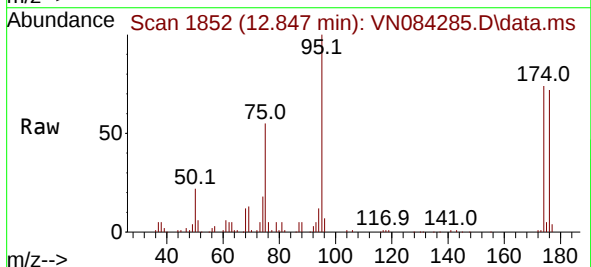
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBL01

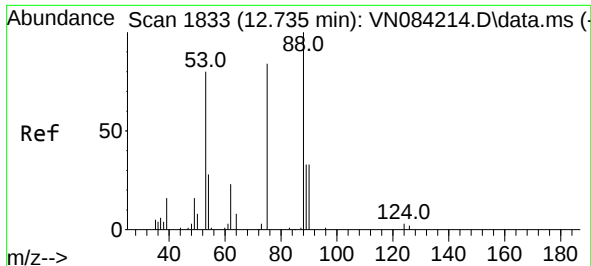
Tgt Ion:152 Resp: 98264
 Ion Ratio Lower Upper
 152 100
 115 62.2 31.3 93.9
 150 158.1 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 30.703 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084285.D
 Acq: 03 Oct 2024 09:42

Tgt Ion: 75 Resp: 61593
 Ion Ratio Lower Upper
 75 100
 77 0.9 96.9 290.7#

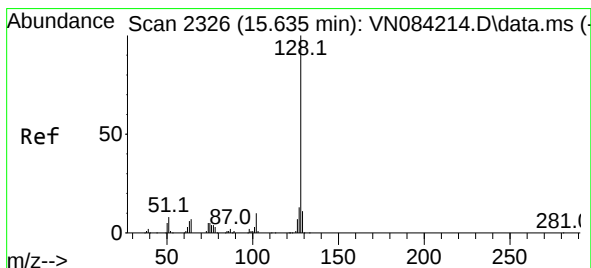
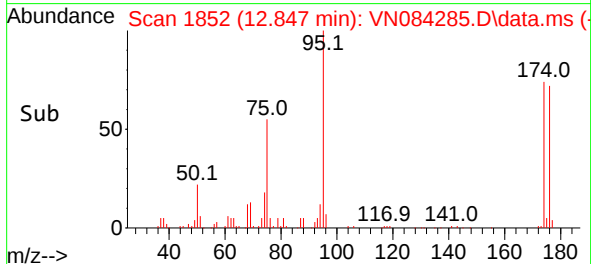
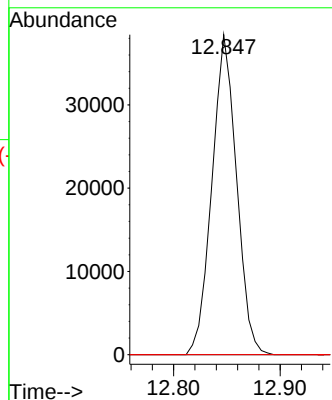
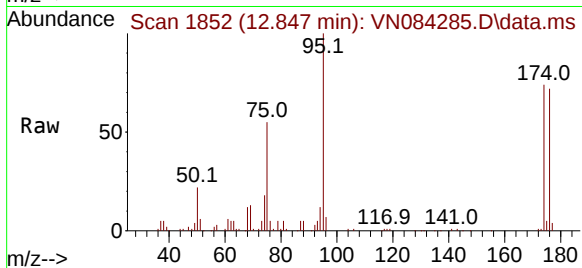




#81
trans-1,4-Dichloro-2-butene
Concen: 73.609 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084285.D
Acq: 03 Oct 2024 09:42

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBL01

Tgt Ion: 75 Resp: 61593
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#95
Naphthalene
Concen: 0.210 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084285.D
Acq: 03 Oct 2024 09:42

Tgt Ion: 128 Resp: 1143
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

