

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
 Data File : VN084862.D
 Acq On : 14 Nov 2024 19:22
 Operator : JC\MD
 Sample : P4770-02 500X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Nov 15 00:53:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

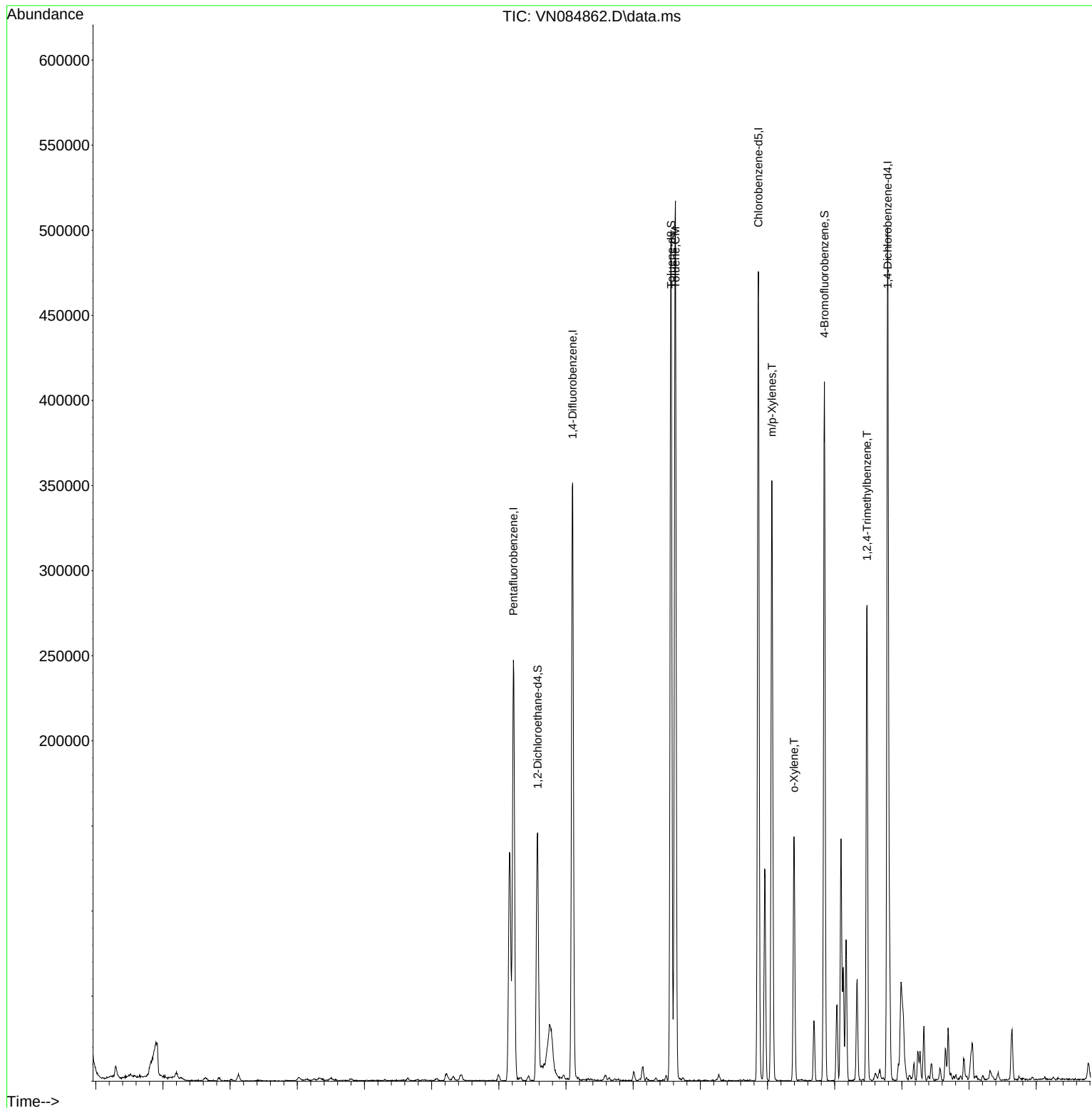
Internal Standards						
1) Pentafluorobenzene	8.218	168	177764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123912	48.262	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.520%		
35) Dibromofluoromethane	8.165	113	98742	47.161	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.320%		
50) Toluene-d8	10.565	98	358978	46.544	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.080%		
62) 4-Bromofluorobenzene	12.847	95	149235	51.773	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.540%		
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.594	83	887	0.300	ug/l #	67
40) Benzene	8.600	78	6490	0.696	ug/l #	87
52) Toluene	10.629	92	234071	42.918	ug/l	99
67) Ethyl Benzene	11.959	91	92279	8.865	ug/l	99
68) m/p-Xylenes	12.065	106	110477	28.035	ug/l	100
69) o-Xylene	12.394	106	39635	10.752	ug/l	96
73) Isopropylbenzene	12.688	105	23415	2.395	ug/l	100
78) n-propylbenzene	13.035	91	37531	3.275	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	45186	5.575	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	166983	19.963	ug/l	98
95) Naphthalene	15.635	128	28708	3.554	ug/l	99

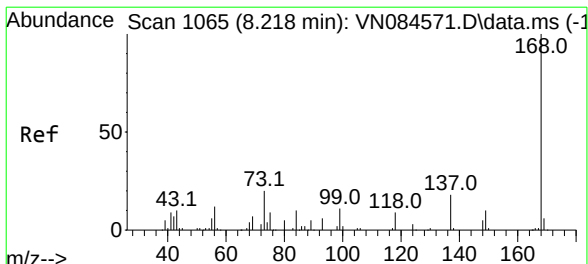
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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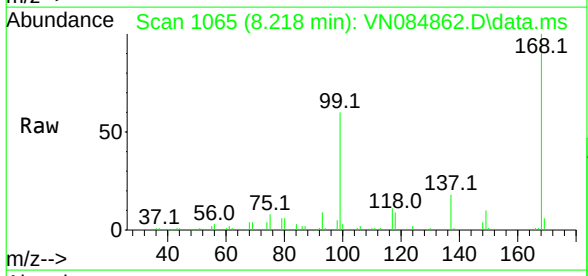
Quant Time: Nov 15 00:53:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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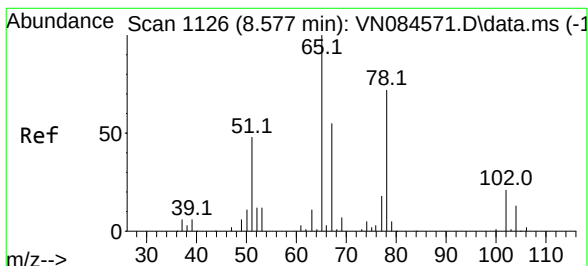
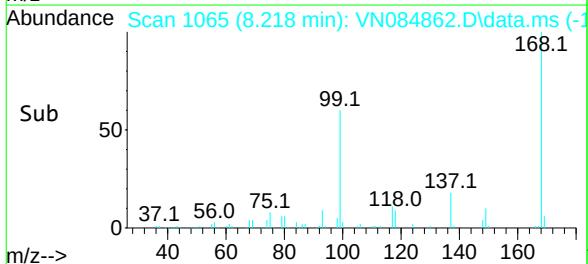
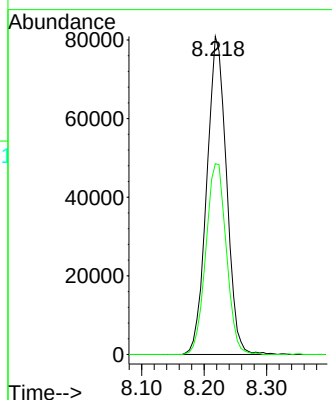


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084862.D
Acq: 14 Nov 2024 19:22

Instrument :
MSVOA_N
ClientSampleId :
MW-3

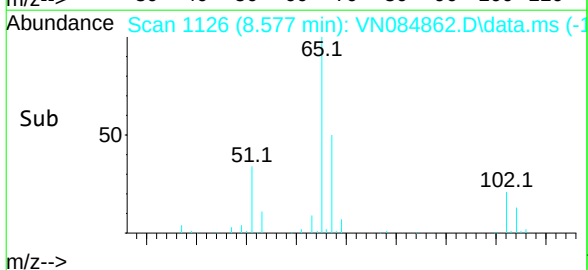
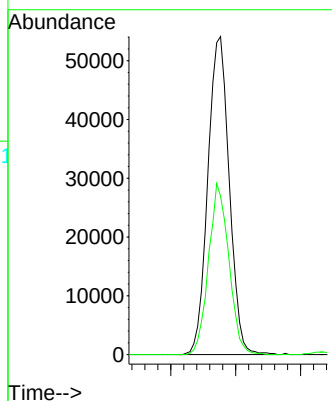
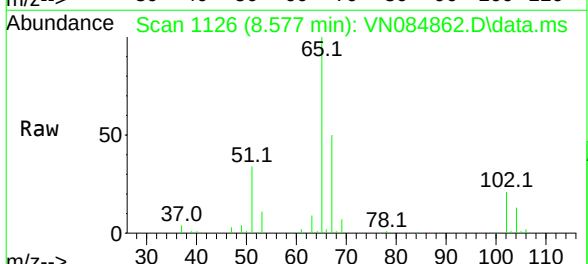


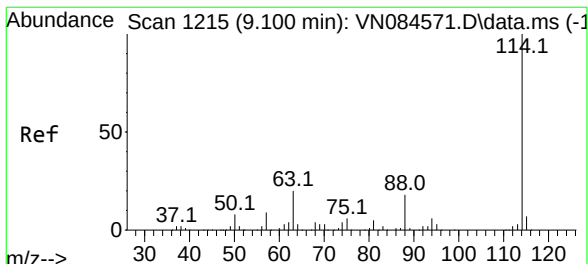
Tgt Ion:168 Resp: 177764
Ion Ratio Lower Upper
168 100
99 60.0 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 48.262 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084862.D
Acq: 14 Nov 2024 19:22

Tgt Ion: 65 Resp: 123912
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.0

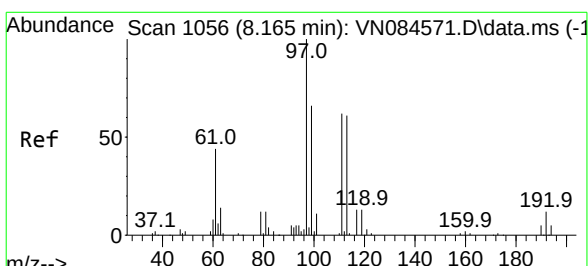
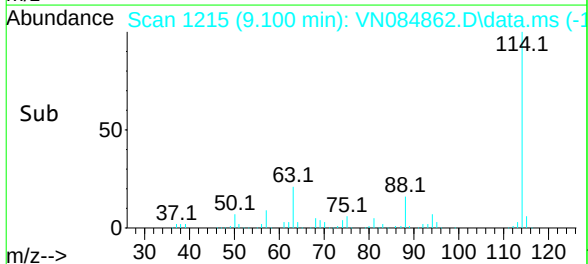
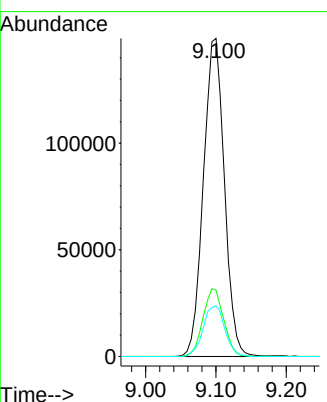
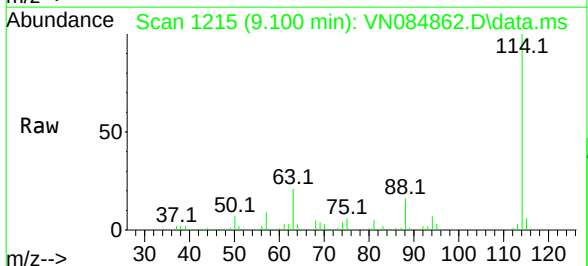




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084862.D
 Acq: 14 Nov 2024 19:22

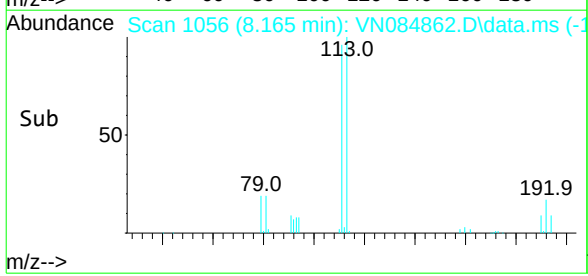
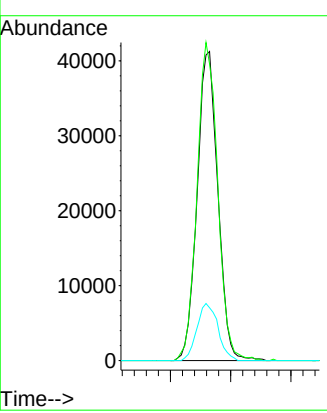
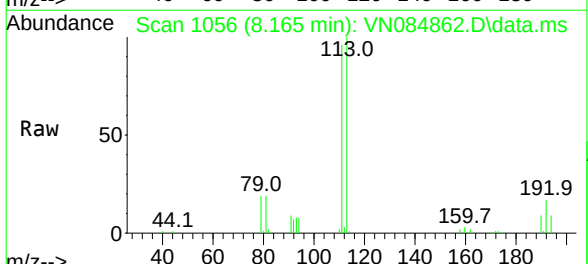
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

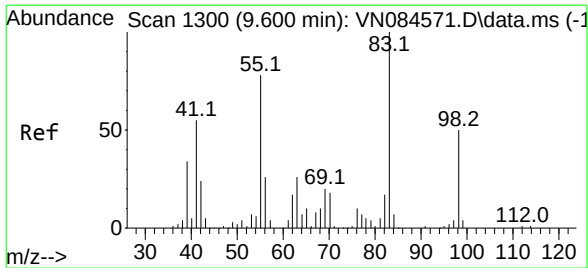
Tgt Ion:	114	Resp:	309322
Ion Ratio	Lower	Upper	
114	100		
63	20.8	0.0	43.8
88	16.0	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 47.161 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084862.D
 Acq: 14 Nov 2024 19:22

Tgt Ion:	113	Resp:	98742
Ion Ratio	Lower	Upper	
113	100		
111	102.6	83.3	124.9
192	18.7	13.5	20.3

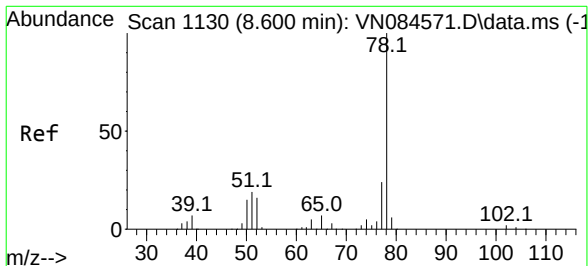
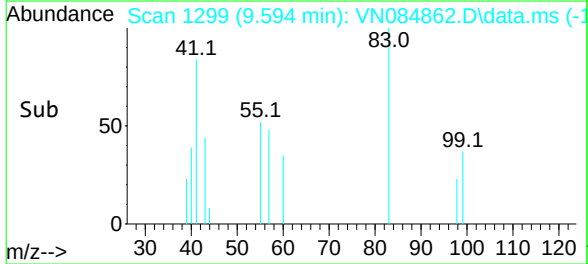
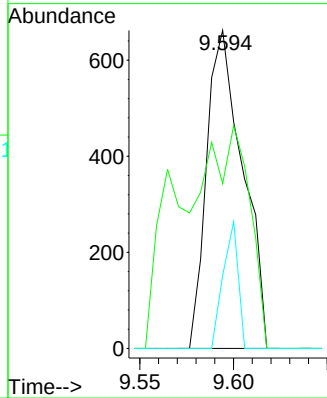
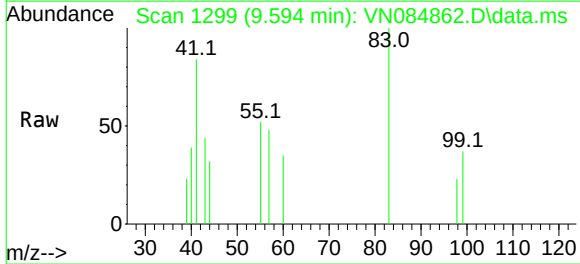




#39
Methylcyclohexane
Concen: 0.300 ug/l
RT: 9.594 min Scan# 12
Delta R.T. -0.006 min
Lab File: VN084862.D
Acq: 14 Nov 2024 19:22

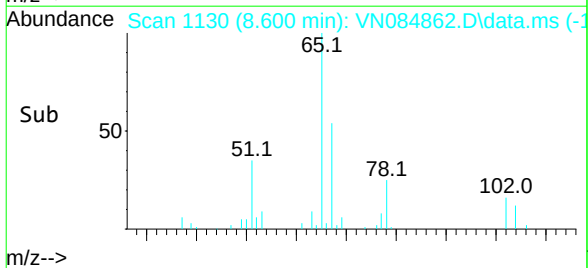
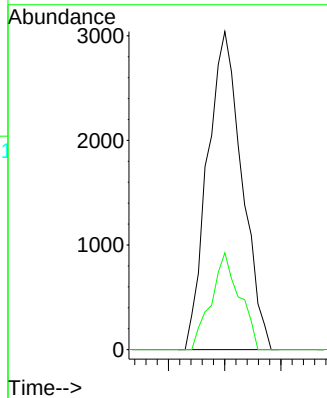
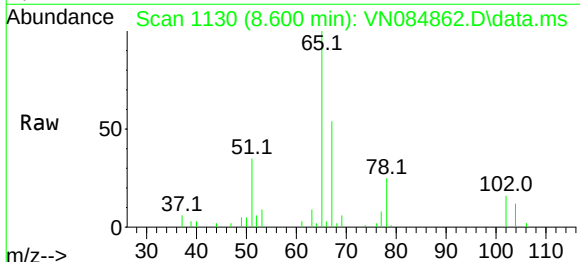
Instrument :
MSVOA_N
ClientSampleId :
MW-3

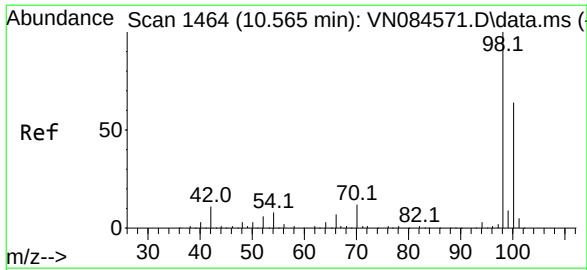
Tgt Ion: 83	Resp: 887
Ion Ratio	Lower Upper
83 100	
55 51.8	62.8 94.2#
98 23.0	38.8 58.2#



#40
Benzene
Concen: 0.696 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084862.D
Acq: 14 Nov 2024 19:22

Tgt Ion: 78	Resp: 6490
Ion Ratio	Lower Upper
78 100	
77 30.5	19.1 28.7#





#50

Toluene-d8

Concen: 46.544 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084862.D

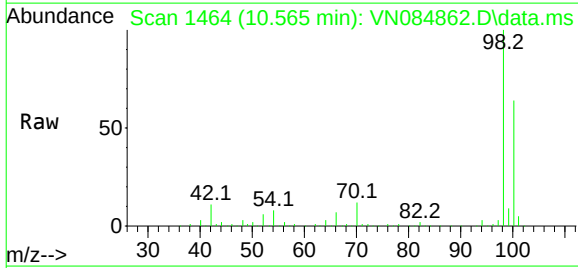
Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-3

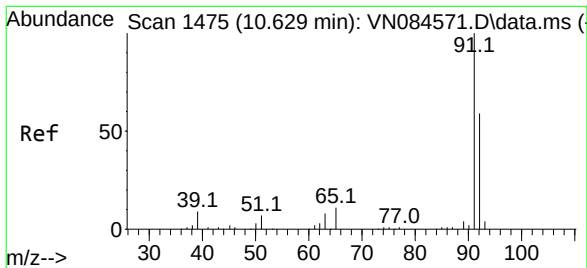
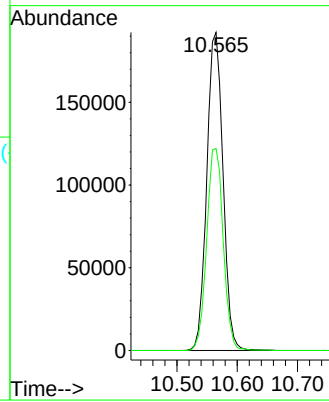
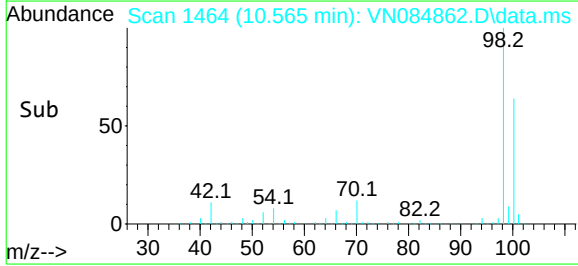


Tgt Ion: 98 Resp: 358978

Ion Ratio Lower Upper

98 100

100 64.8 52.7 79.1



#52

Toluene

Concen: 42.918 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN084862.D

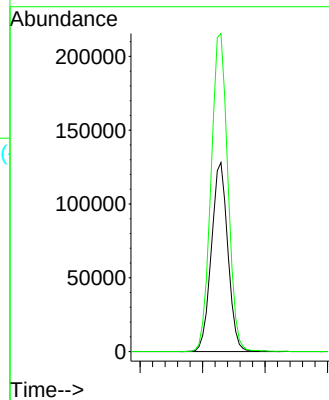
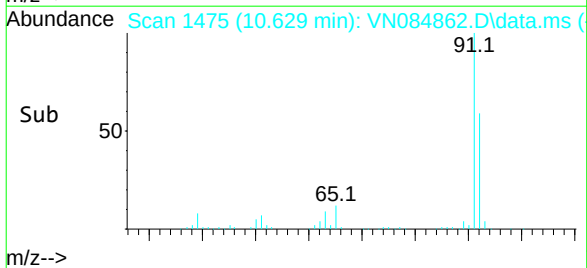
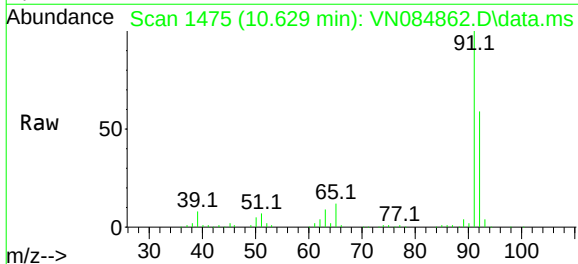
Acq: 14 Nov 2024 19:22

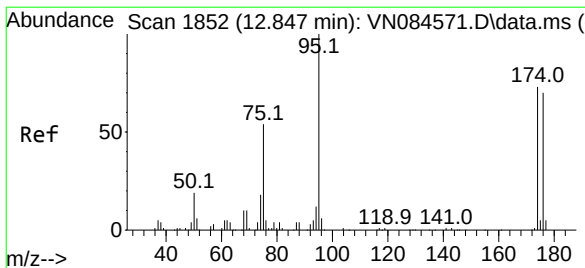
Tgt Ion: 92 Resp: 234071

Ion Ratio Lower Upper

92 100

91 172.5 137.3 205.9





#62

4-Bromofluorobenzene

Concen: 51.773 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084862.D

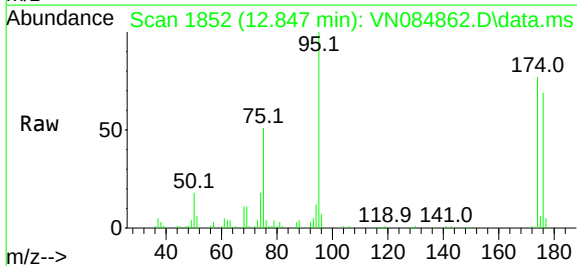
Acq: 14 Nov 2024 19:22

Instrument :

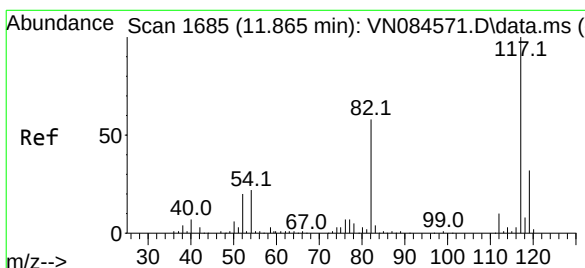
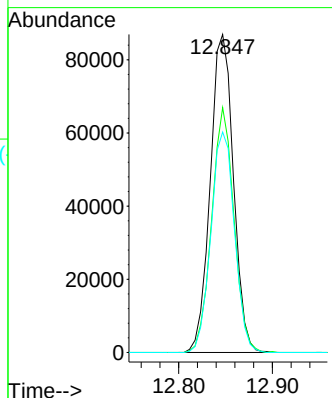
MSVOA_N

ClientSampleId :

MW-3



Tgt Ion:	95	Resp:	149235
Ion Ratio	Lower	Upper	
95	100		
174	74.2	0.0	145.2
176	70.5	0.0	140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

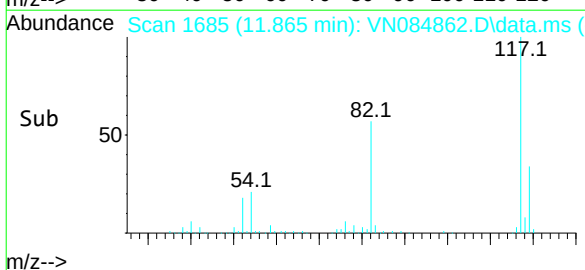
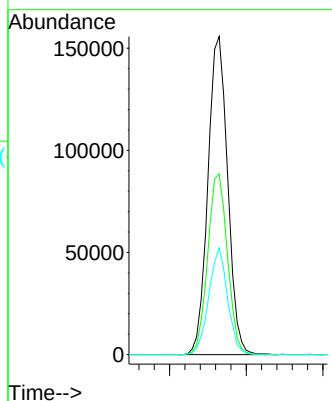
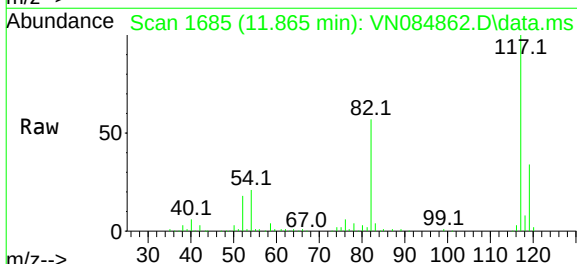
RT: 11.865 min Scan# 1685

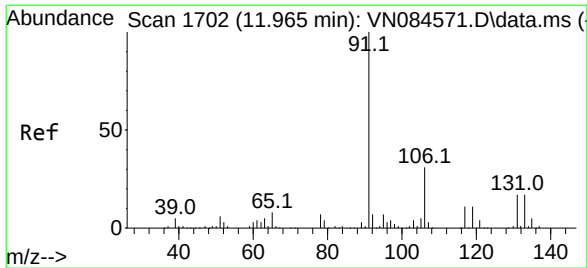
Delta R.T. -0.000 min

Lab File: VN084862.D

Acq: 14 Nov 2024 19:22

Tgt Ion:	117	Resp:	278734
Ion Ratio	Lower	Upper	
117	100		
82	56.8	47.2	70.8
119	33.5	25.4	38.0

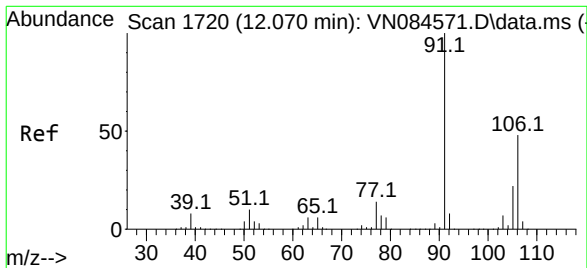
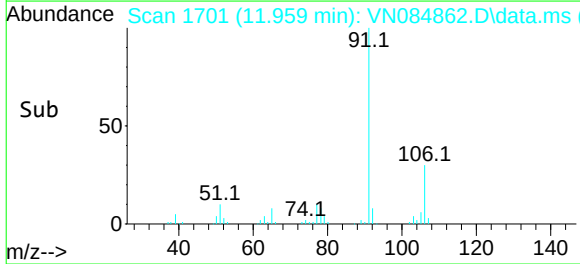
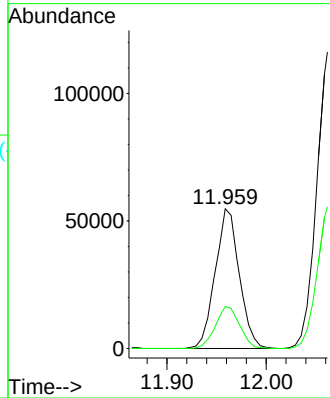
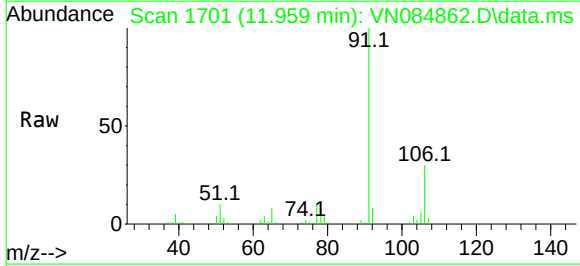




#67
Ethyl Benzene
Concen: 8.865 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN084862.D
Acq: 14 Nov 2024 19:22

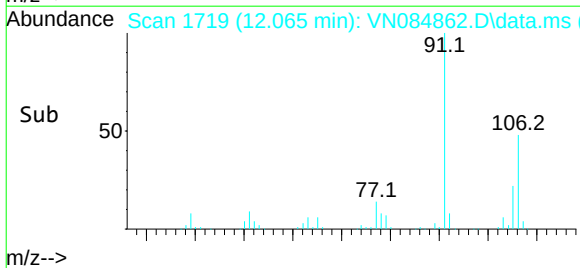
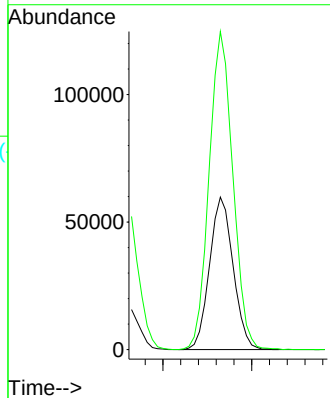
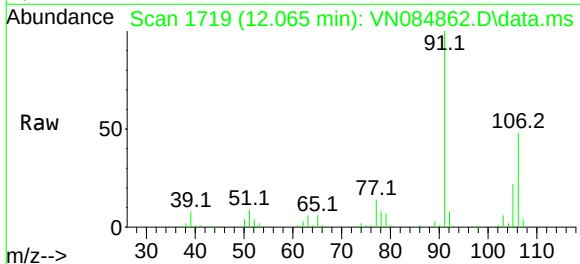
Instrument :
MSVOA_N
ClientSampleId :
MW-3

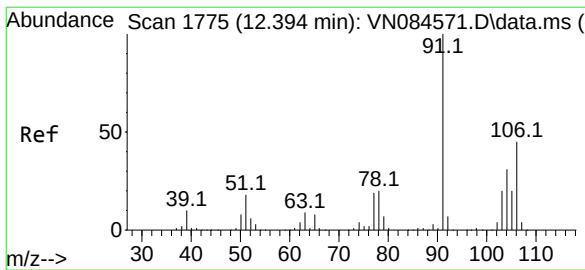
Tgt Ion: 91 Resp: 92279
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7



#68
m/p-Xylenes
Concen: 28.035 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084862.D
Acq: 14 Nov 2024 19:22

Tgt Ion: 106 Resp: 110477
Ion Ratio Lower Upper
106 100
91 209.5 167.1 250.7





#69

o-Xylene

Concen: 10.752 ug/l

RT: 12.394 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN084862.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_N

ClientSampleId :

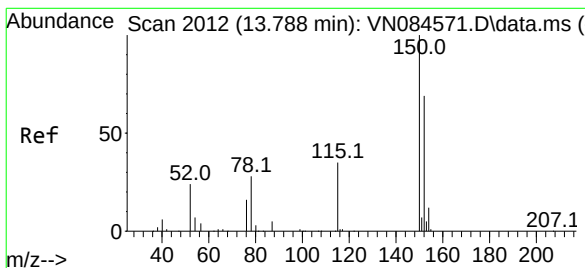
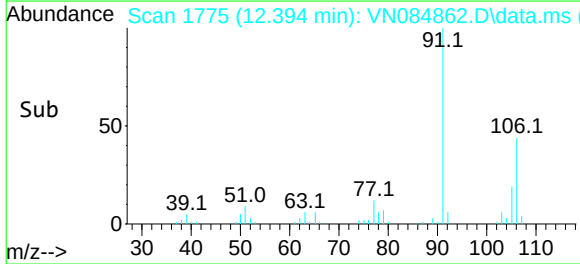
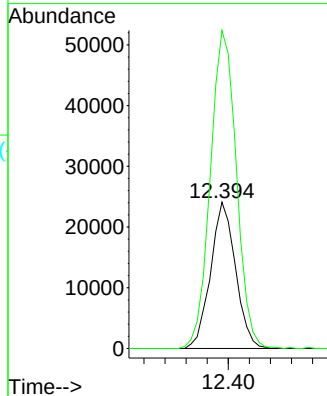
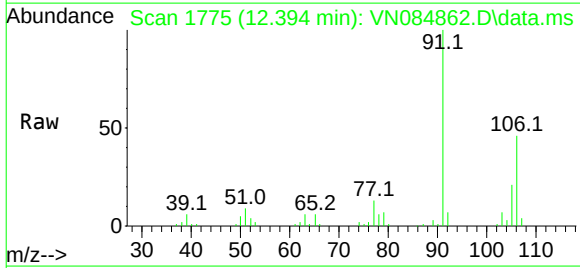
MW-3

Tgt Ion:106 Resp: 39635

Ion Ratio Lower Upper

106 100

91 227.1 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084862.D

Acq: 14 Nov 2024 19:22

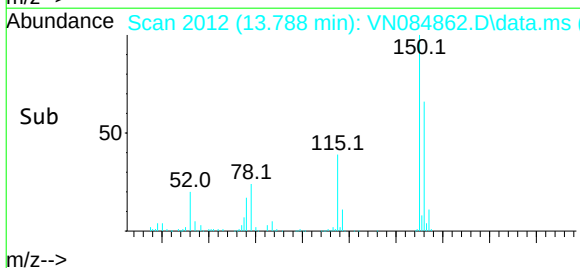
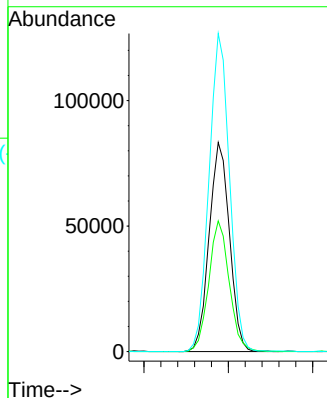
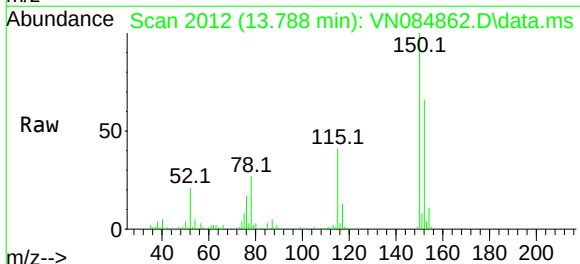
Tgt Ion:152 Resp: 139539

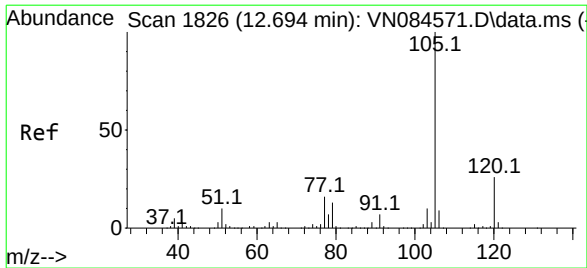
Ion Ratio Lower Upper

152 100

115 62.8 31.3 93.9

150 153.2 0.0 349.8





#73

Isopropylbenzene

Concen: 2.395 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. -0.006 min

Lab File: VN084862.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_N

ClientSampleId :

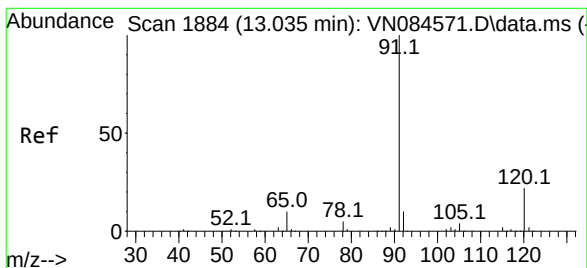
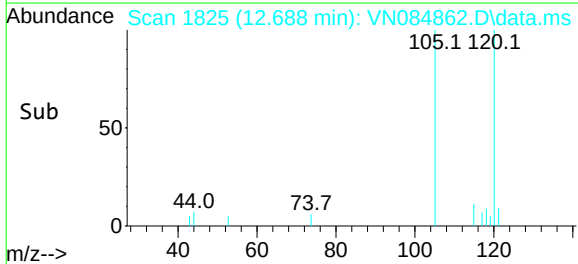
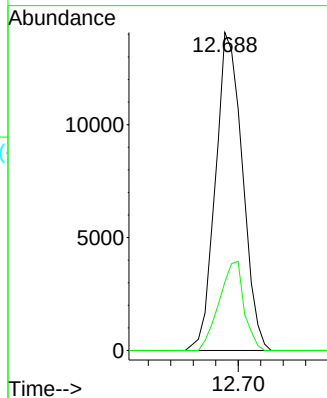
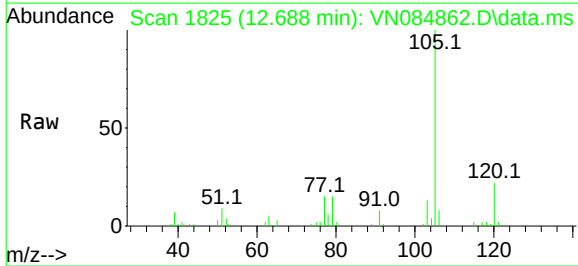
MW-3

Tgt Ion:105 Resp: 23415

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



#78

n-propylbenzene

Concen: 3.275 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084862.D

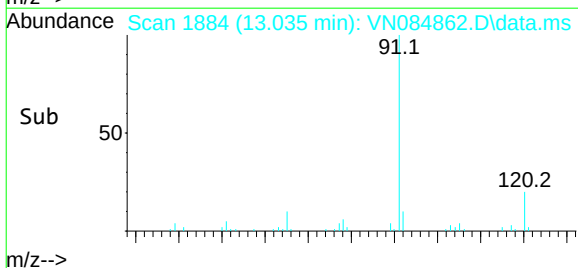
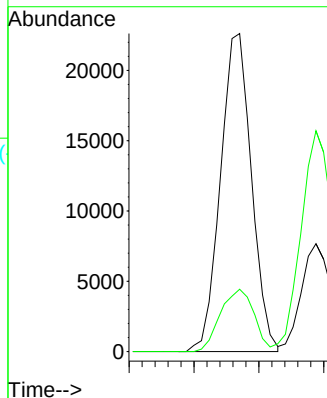
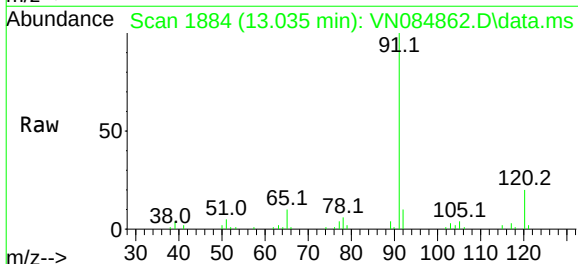
Acq: 14 Nov 2024 19:22

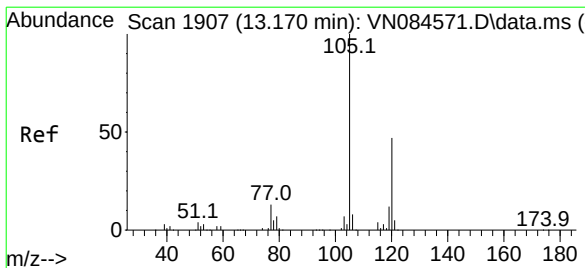
Tgt Ion: 91 Resp: 37531

Ion Ratio Lower Upper

91 100

120 21.3 10.8 32.4





#80

1,3,5-Trimethylbenzene

Concen: 5.575 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084862.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_N

ClientSampleId :

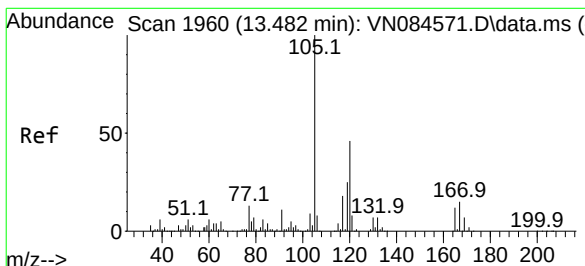
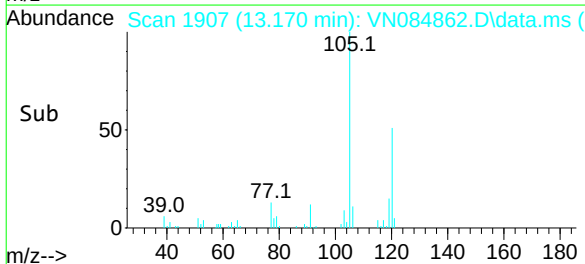
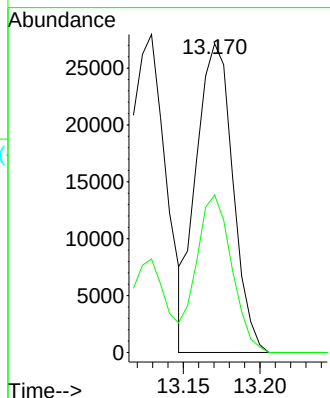
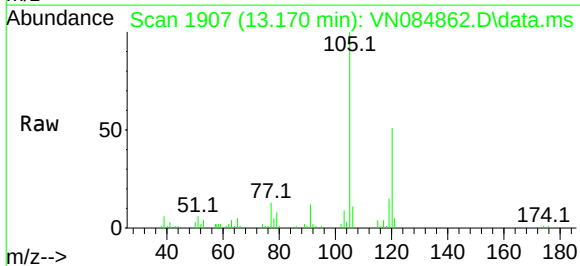
MW-3

Tgt Ion:105 Resp: 45186

Ion Ratio Lower Upper

105 100

120 49.0 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 19.963 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084862.D

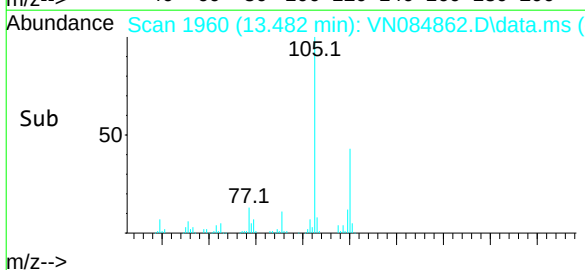
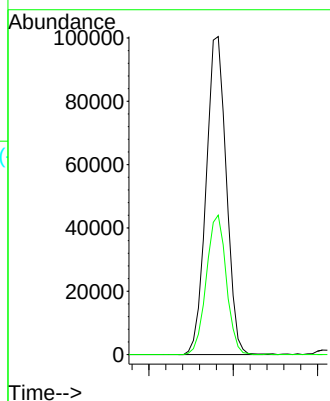
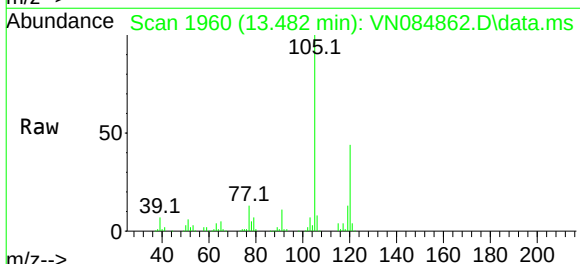
Acq: 14 Nov 2024 19:22

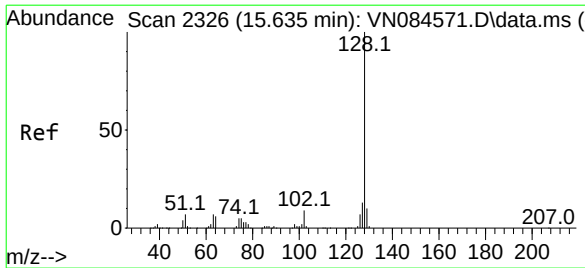
Tgt Ion:105 Resp: 166983

Ion Ratio Lower Upper

105 100

120 43.3 22.3 66.8





#95
Naphthalene
Concen: 3.554 ug/l
RT: 15.635 min Scan# 23
Delta R.T. -0.000 min
Lab File: VN084862.D
Acq: 14 Nov 2024 19:22

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion:128 Resp: 28708
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.6 8.7 13.1

