

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
 Data File : VN084861.D
 Acq On : 14 Nov 2024 18:58
 Operator : JC\MD
 Sample : P4770-01 500X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Nov 15 00:52:55 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)

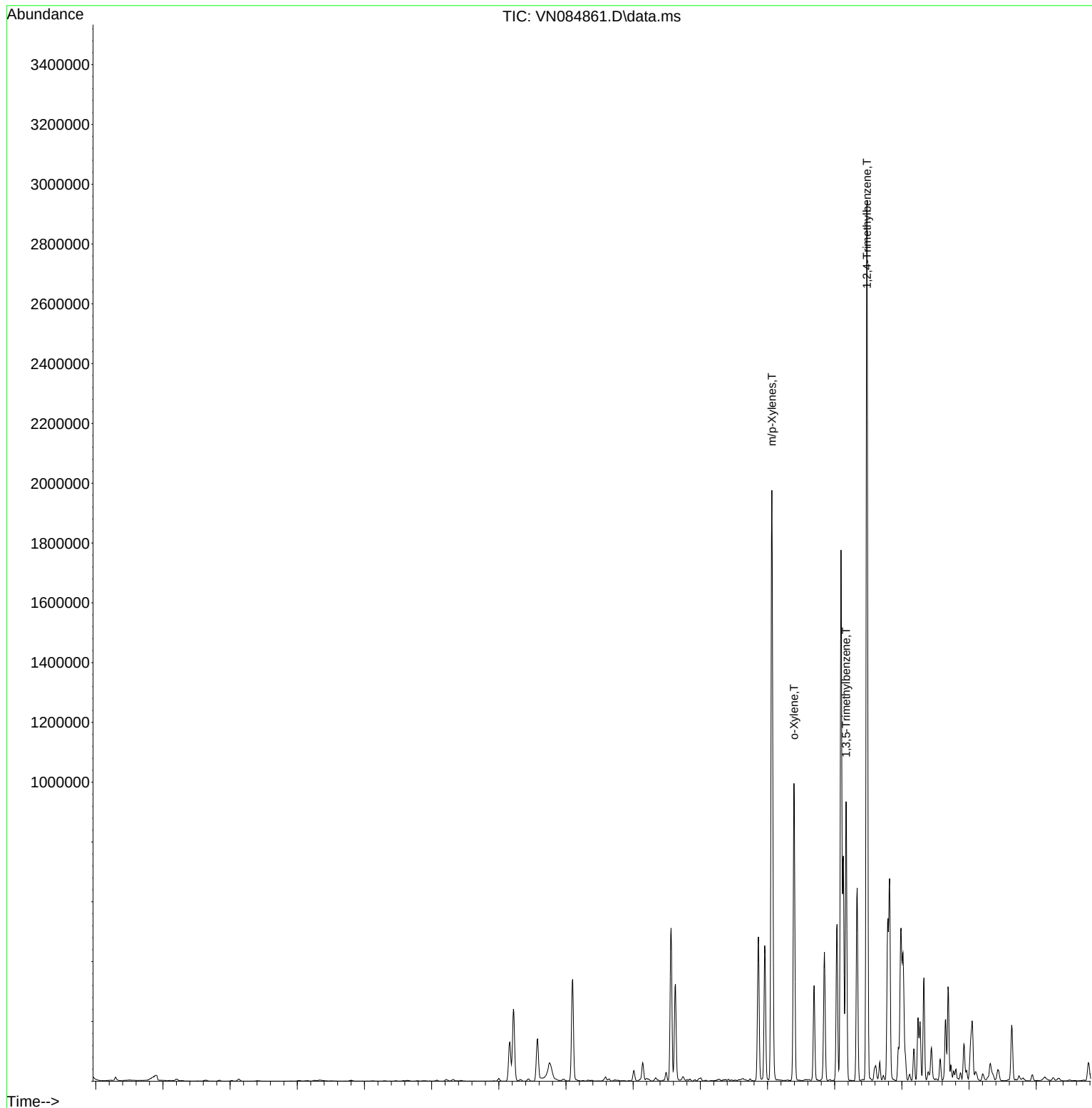
Internal Standards						
1) Pentafluorobenzene	8.218	168	167003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	116639	48.356	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.720%		
35) Dibromofluoromethane	8.165	113	94672	46.813	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.620%		
50) Toluene-d8	10.565	98	353407	47.440	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.880%		
62) 4-Bromofluorobenzene	12.847	95	155157	55.728	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	111.460%		
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.594	83	2846	0.997	ug/l #	92
40) Benzene	8.600	78	7292	0.810	ug/l	97
52) Toluene	10.629	92	146684	27.845	ug/l	100
67) Ethyl Benzene	11.959	91	333053	32.616	ug/l	98
68) m/p-Xylenes	12.065	106	633149	163.780	ug/l	99
69) o-Xylene	12.394	106	270282	74.738	ug/l	98
73) Isopropylbenzene	12.694	105	208911	21.162	ug/l	99
78) n-propylbenzene	13.035	91	415232	35.894	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	524121	64.056	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	1754916	207.810	ug/l	99
95) Naphthalene	15.635	128	174441	21.394	ug/l	99

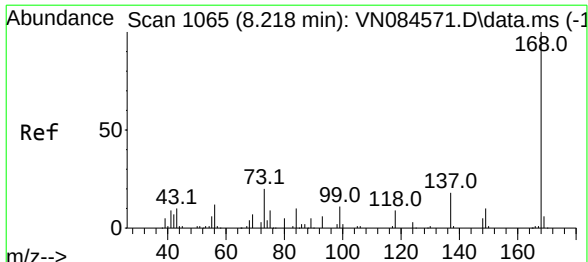
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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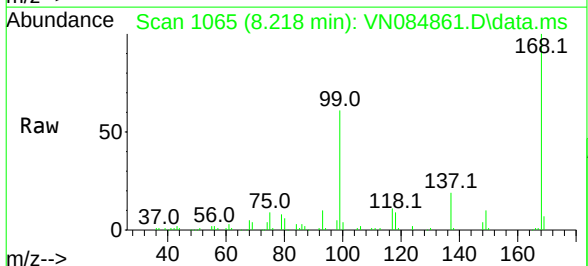
Quant Time: Nov 15 00:52:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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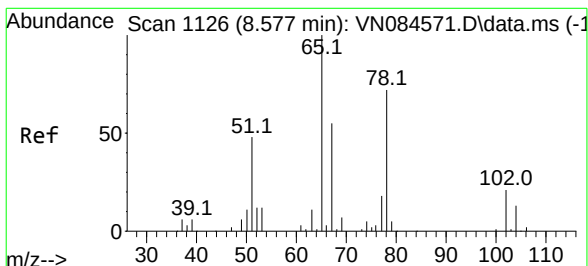
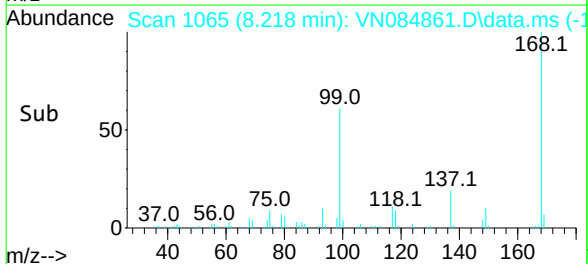
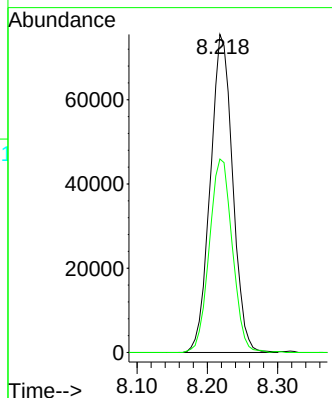


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084861.D
Acq: 14 Nov 2024 18:58

Instrument :
MSVOA_N
ClientSampleId :
MW-1

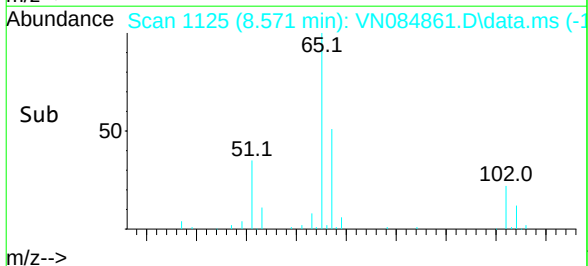
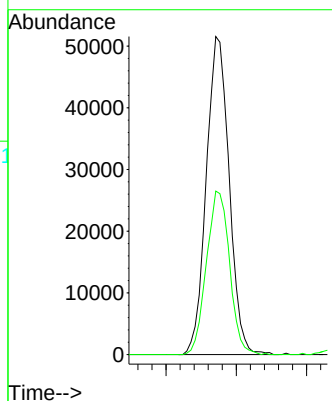
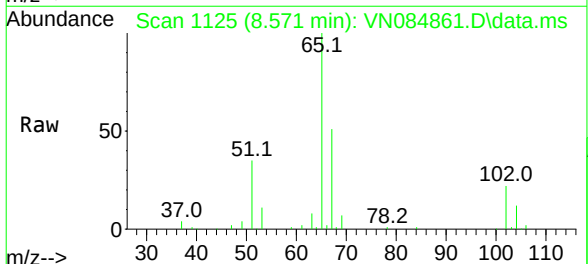


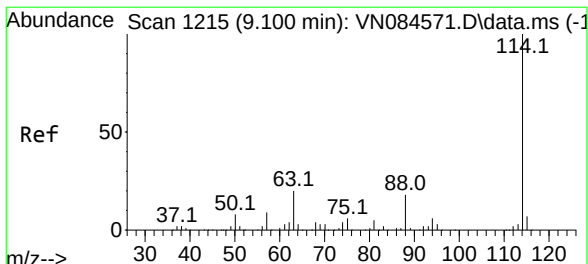
Tgt Ion:168 Resp: 167003
Ion Ratio Lower Upper
168 100
99 60.8 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 48.356 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084861.D
Acq: 14 Nov 2024 18:58

Tgt Ion: 65 Resp: 116639
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.0

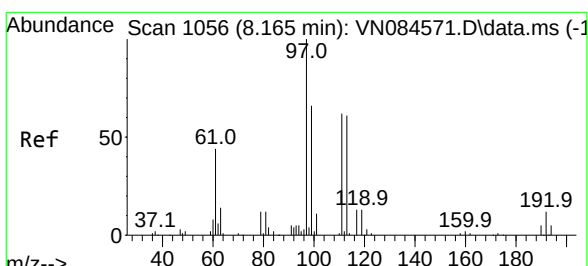
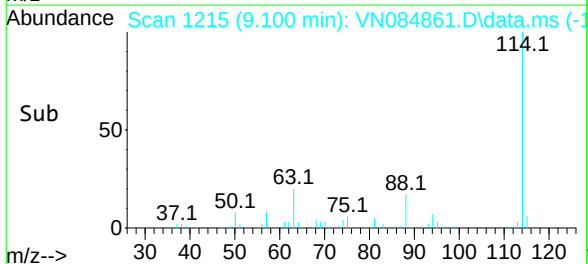
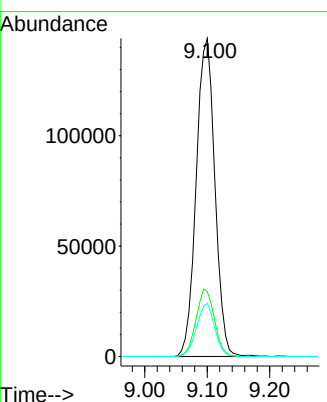
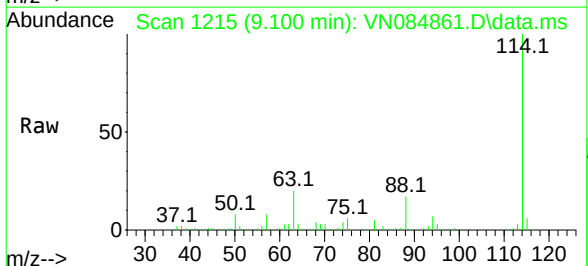




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN084861.D
 Acq: 14 Nov 2024 18:58

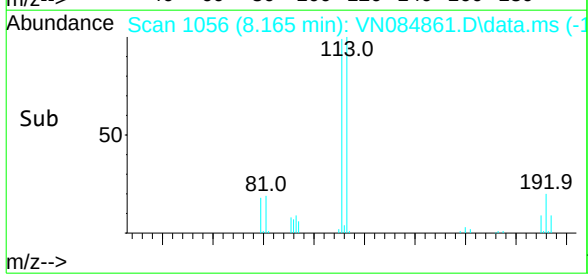
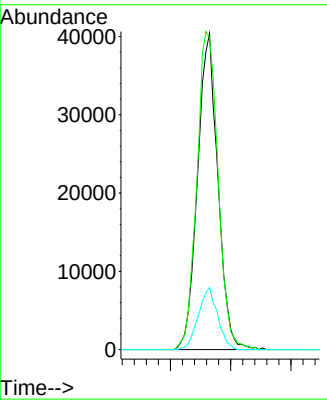
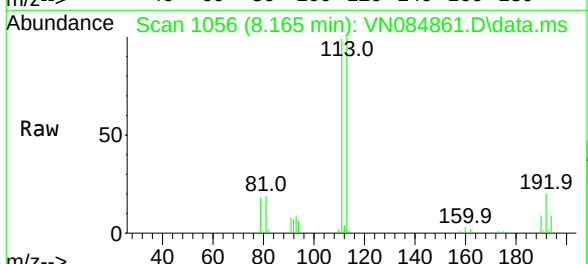
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

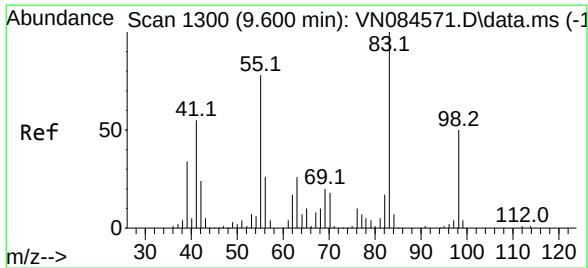
Tgt Ion:	114	Resp:	298773
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	43.8
88	16.7	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 46.813 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084861.D
 Acq: 14 Nov 2024 18:58

Tgt Ion:	113	Resp:	94672
Ion	Ratio	Lower	Upper
113	100		
111	105.0	83.3	124.9
192	18.6	13.5	20.3

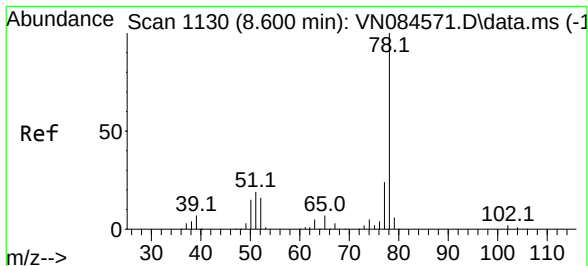
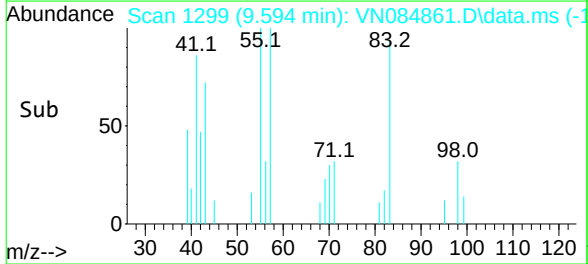
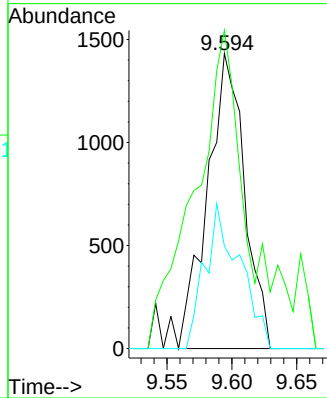
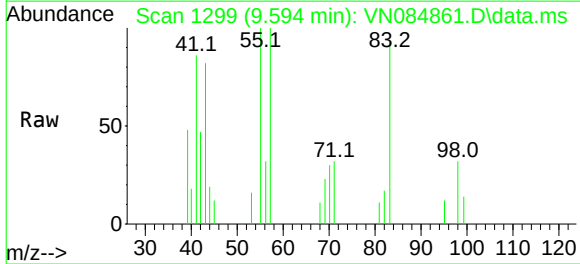




#39
Methylcyclohexane
Concen: 0.997 ug/l
RT: 9.594 min Scan# 12
Delta R.T. -0.006 min
Lab File: VN084861.D
Acq: 14 Nov 2024 18:58

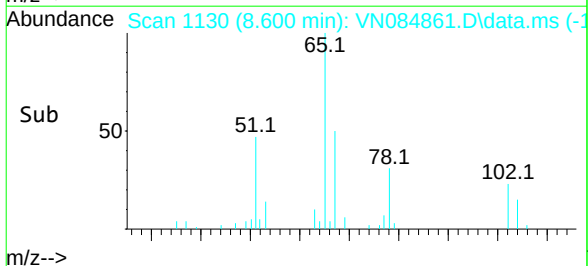
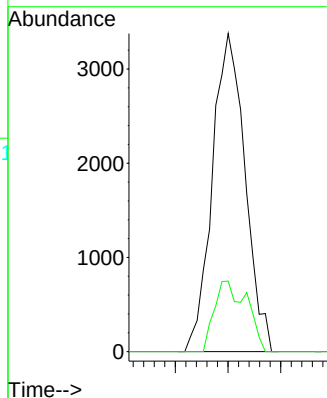
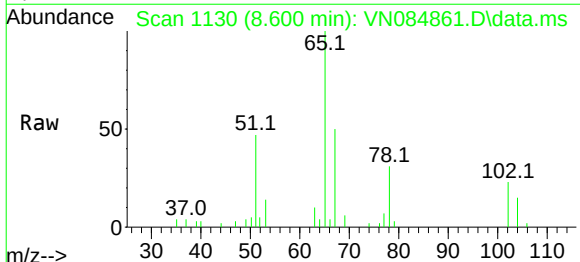
Instrument :
MSVOA_N
ClientSampleId :
MW-1

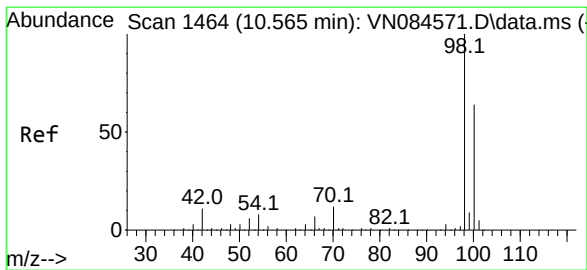
Tgt Ion:	83	Resp:	2846
Ion	Ratio	Lower	Upper
83	100		
55	79.5	62.8	94.2
98	34.8	38.8	58.2#



#40
Benzene
Concen: 0.810 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084861.D
Acq: 14 Nov 2024 18:58

Tgt Ion:	78	Resp:	7292
Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.1	28.7





#50

Toluene-d8

Concen: 47.440 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084861.D

Acq: 14 Nov 2024 18:58

Instrument :

MSVOA_N

ClientSampleId :

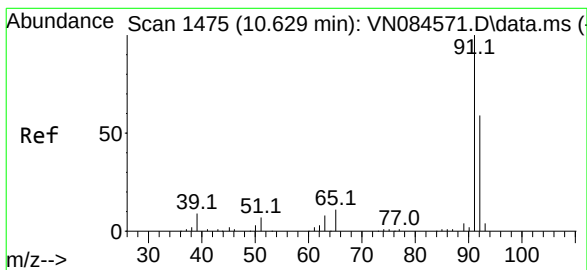
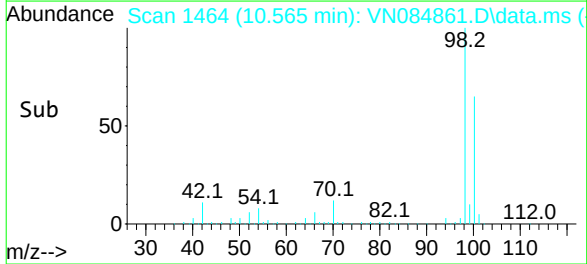
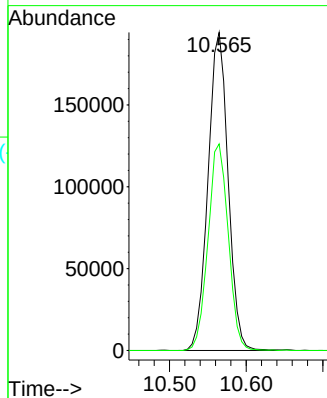
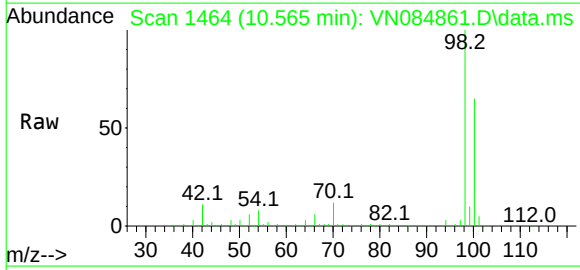
MW-1

Tgt Ion: 98 Resp: 353407

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1



#52

Toluene

Concen: 27.845 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN084861.D

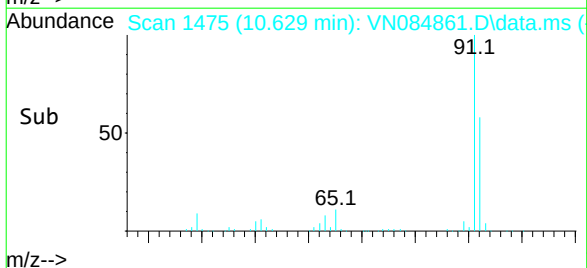
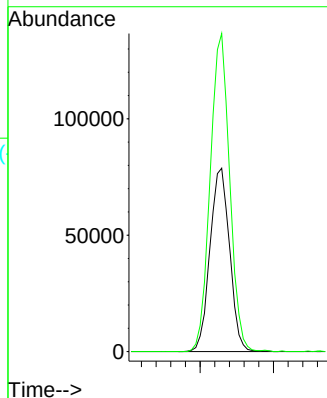
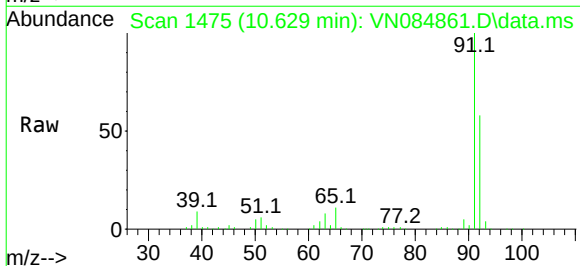
Acq: 14 Nov 2024 18:58

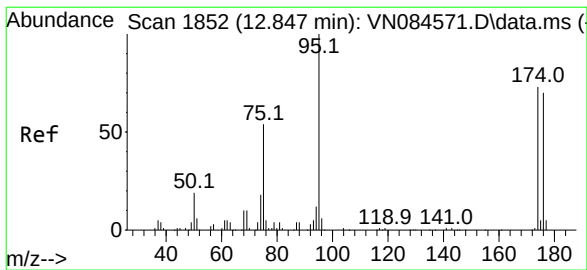
Tgt Ion: 92 Resp: 146684

Ion Ratio Lower Upper

92 100

91 171.8 137.3 205.9

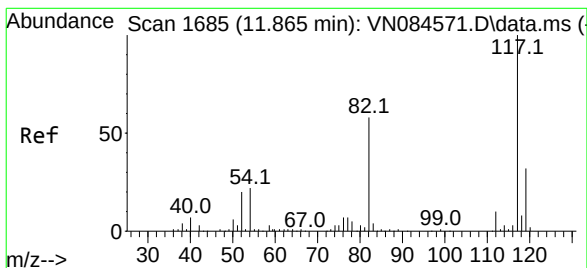
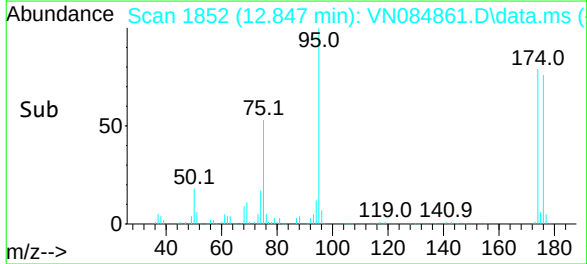
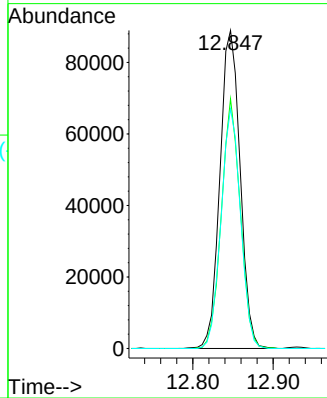
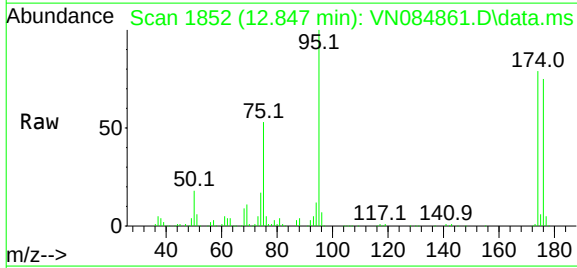




#62
4-Bromofluorobenzene
Concen: 55.728 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084861.D
Acq: 14 Nov 2024 18:58

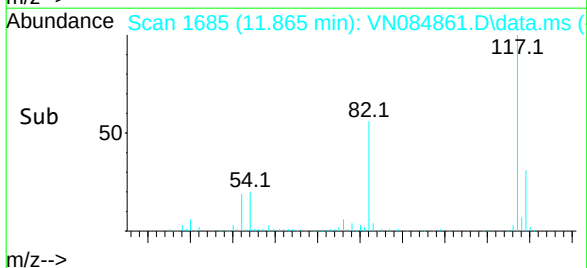
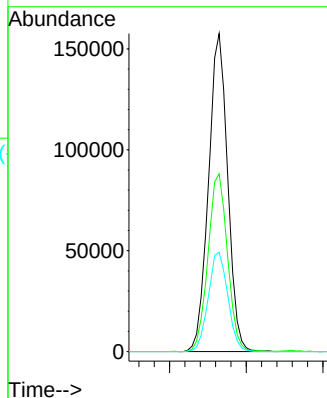
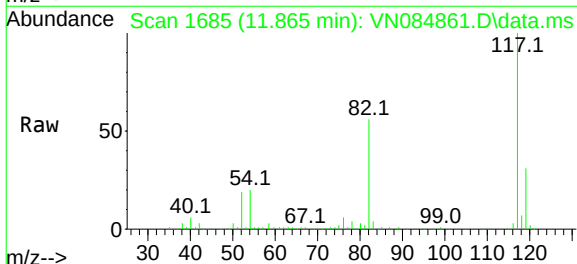
Instrument :
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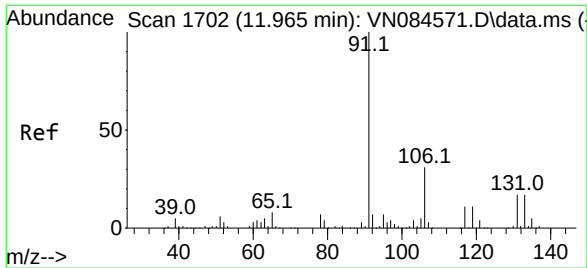
Tgt Ion: 95 Resp: 155157
Ion Ratio Lower Upper
95 100
174 73.8 0.0 145.2
176 72.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084861.D
Acq: 14 Nov 2024 18:58

Tgt Ion: 117 Resp: 273442
Ion Ratio Lower Upper
117 100
82 55.9 47.2 70.8
119 31.3 25.4 38.0

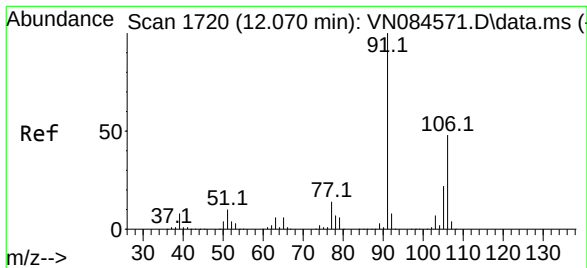
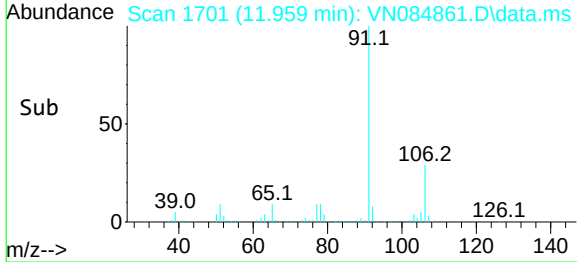
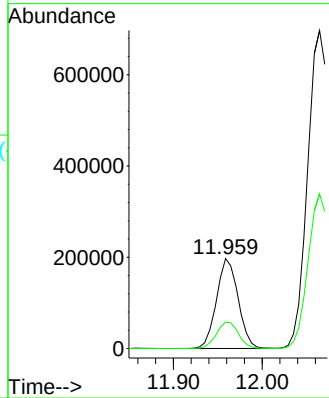
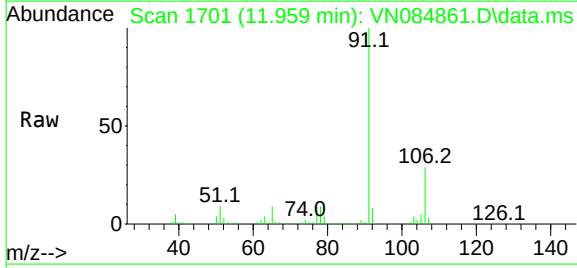




#67
Ethyl Benzene
Concen: 32.616 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN084861.D
Acq: 14 Nov 2024 18:58

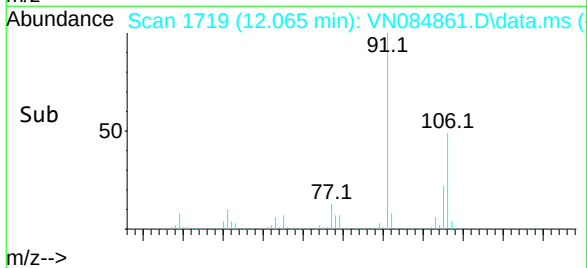
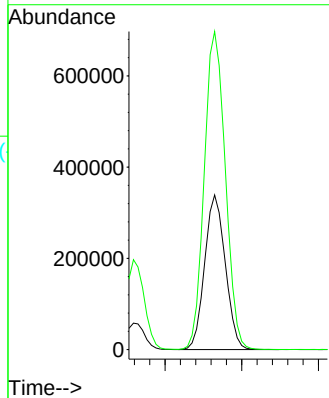
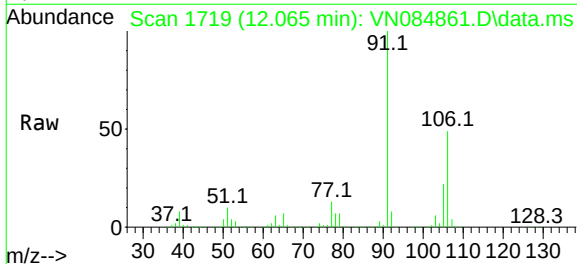
Instrument :
MSVOA_N
ClientSampleId :
MW-1

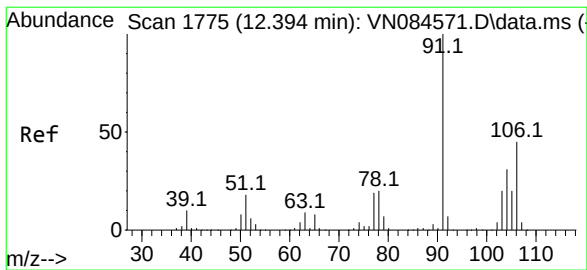
Tgt Ion: 91 Resp: 333053
Ion Ratio Lower Upper
91 100
106 29.4 24.5 36.7



#68
m/p-Xylenes
Concen: 163.780 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084861.D
Acq: 14 Nov 2024 18:58

Tgt Ion:106 Resp: 633149
Ion Ratio Lower Upper
106 100
91 209.9 167.1 250.7





#69

o-Xylene

Concen: 74.738 ug/l

RT: 12.394 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN084861.D

Acq: 14 Nov 2024 18:58

Instrument :

MSVOA_N

ClientSampleId :

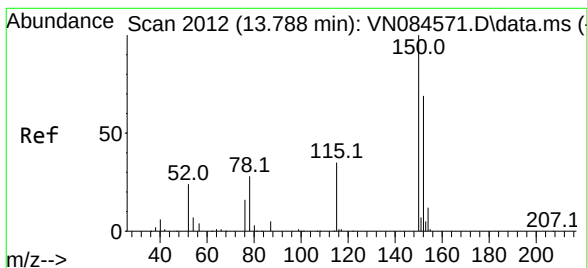
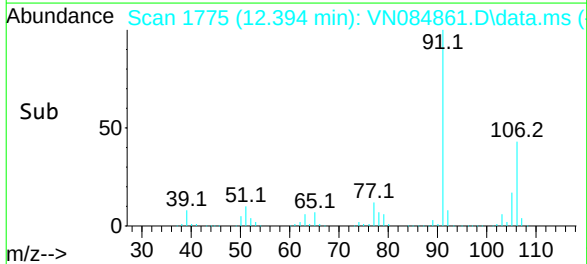
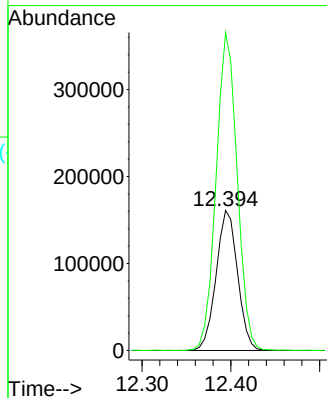
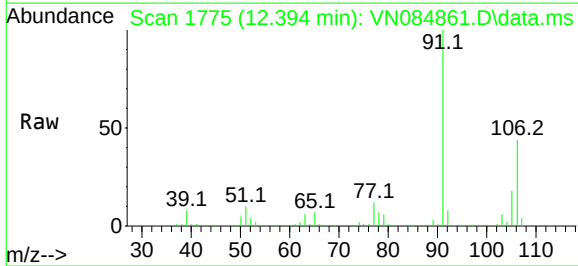
MW-1

Tgt Ion:106 Resp: 270282

Ion Ratio Lower Upper

106 100

91 223.1 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084861.D

Acq: 14 Nov 2024 18:58

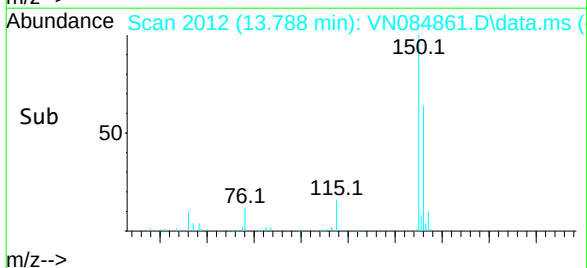
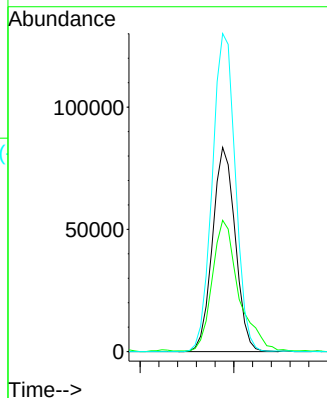
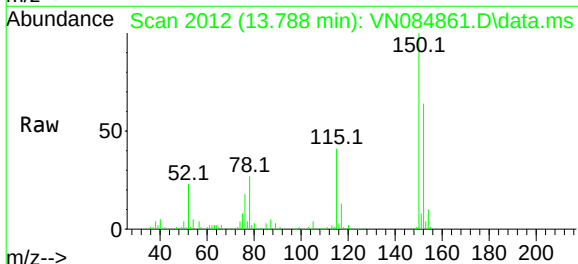
Tgt Ion:152 Resp: 140874

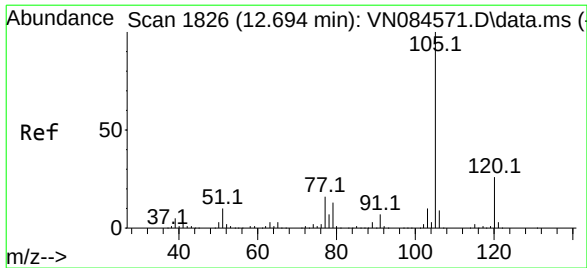
Ion Ratio Lower Upper

152 100

115 75.9 31.3 93.9

150 158.2 0.0 349.8





#73

Isopropylbenzene

Concen: 21.162 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084861.D

Acq: 14 Nov 2024 18:58

Instrument :

MSVOA_N

ClientSampleId :

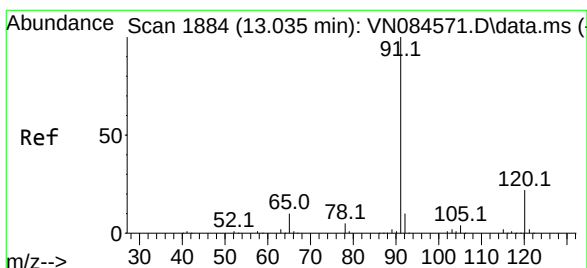
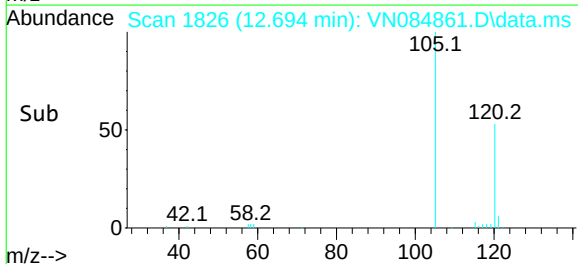
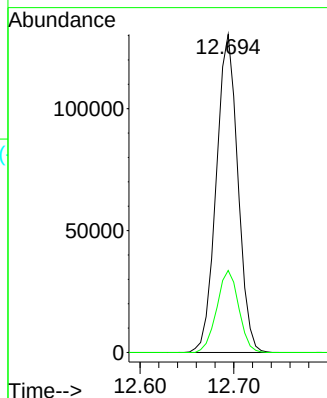
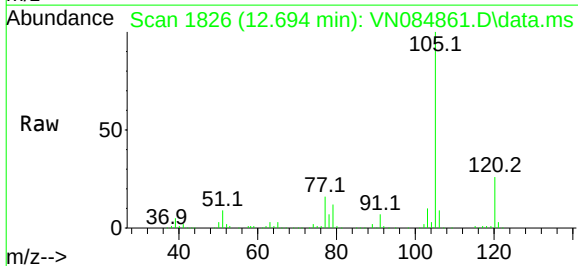
MW-1

Tgt Ion:105 Resp: 208911

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.7



#78

n-propylbenzene

Concen: 35.894 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084861.D

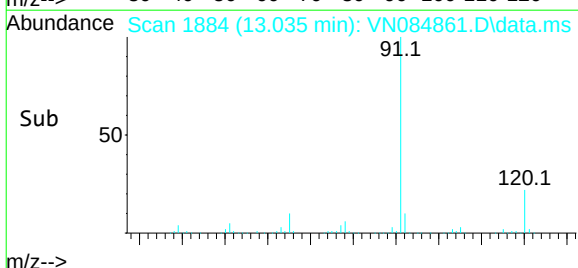
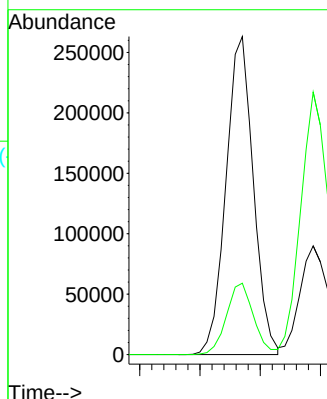
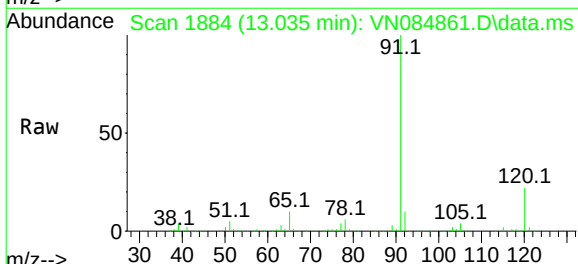
Acq: 14 Nov 2024 18:58

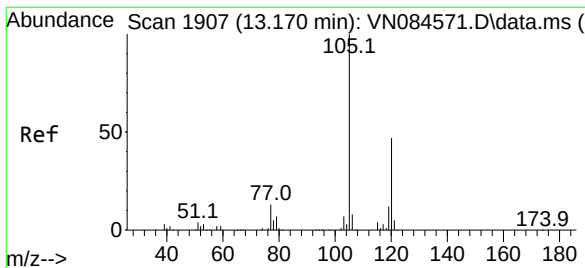
Tgt Ion: 91 Resp: 415232

Ion Ratio Lower Upper

91 100

120 22.4 10.8 32.4





#80

1,3,5-Trimethylbenzene

Concen: 64.056 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084861.D

Acq: 14 Nov 2024 18:58

Instrument :

MSVOA_N

ClientSampleId :

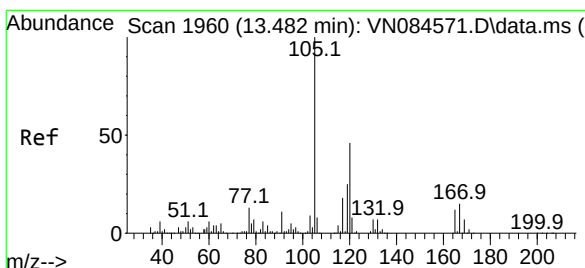
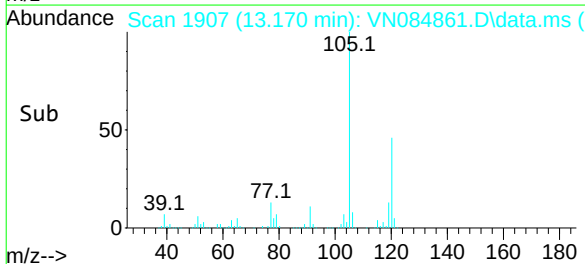
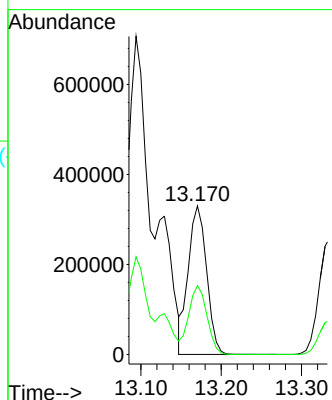
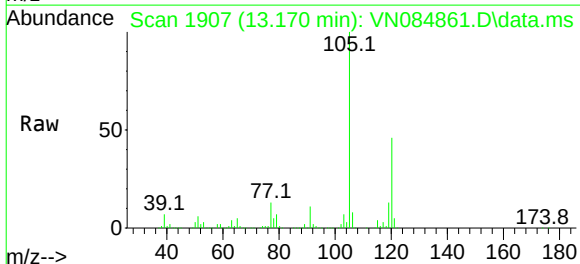
MW-1

Tgt Ion:105 Resp: 524121

Ion Ratio Lower Upper

105 100

120 46.4 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 207.810 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084861.D

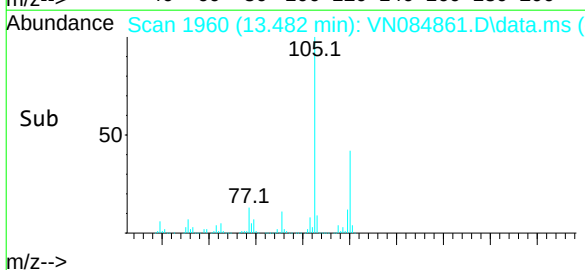
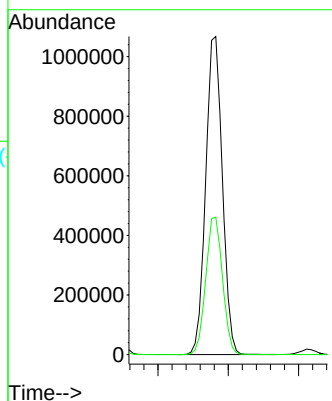
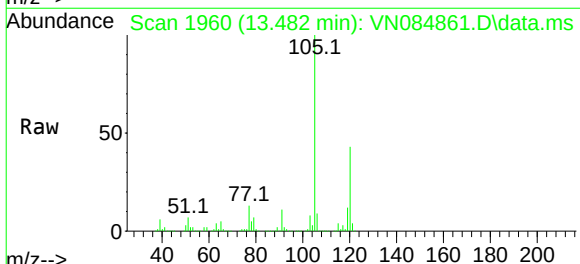
Acq: 14 Nov 2024 18:58

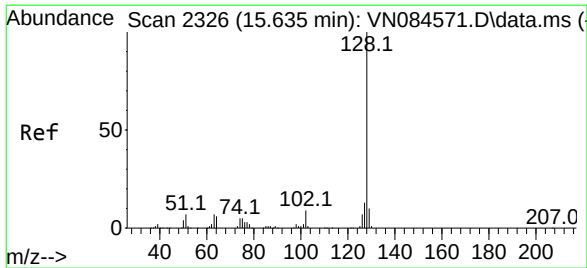
Tgt Ion:105 Resp: 1754916

Ion Ratio Lower Upper

105 100

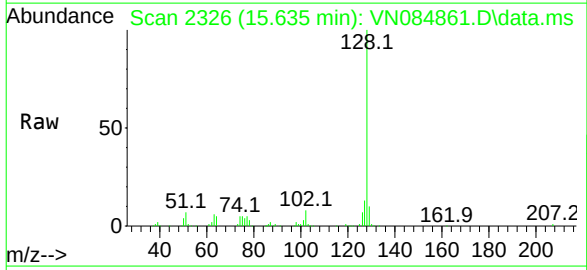
120 43.6 22.3 66.8





#95
Naphthalene
Concen: 21.394 ug/l
RT: 15.635 min Scan# 23
Delta R.T. -0.000 min
Lab File: VN084861.D
Acq: 14 Nov 2024 18:58

Instrument :
MSVOA_N
ClientSampleId :
MW-1



Tgt Ion:128 Resp: 174441
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.9 8.7 13.1

