

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
 Data File : VN084940.D
 Acq On : 19 Nov 2024 12:28
 Operator : JC\MD
 Sample : P4770-01 500X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Nov 20 00:25:40 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)

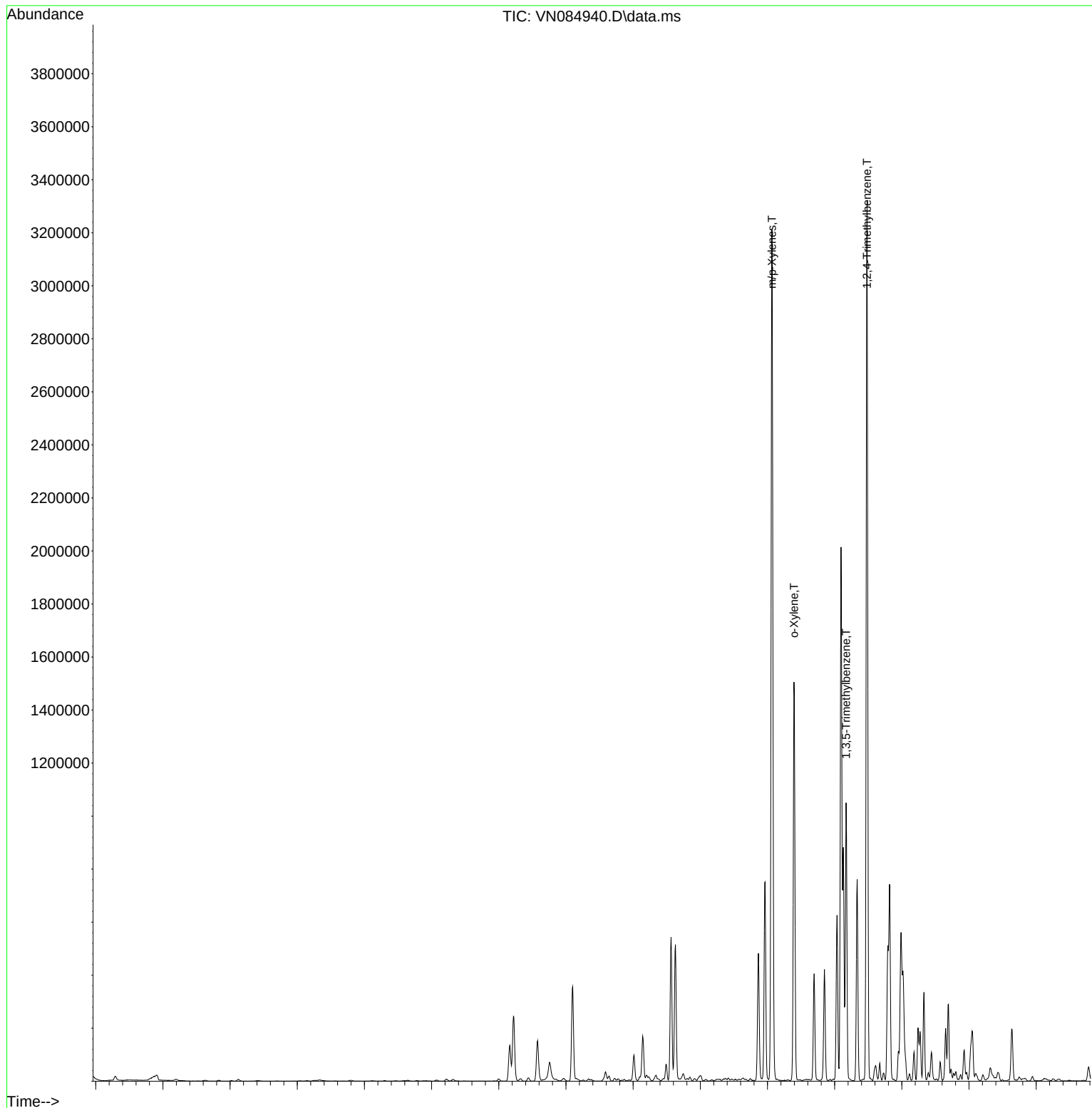
Internal Standards						
1) Pentafluorobenzene	8.224	168	166987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122400	50.749	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	101.500%	
35) Dibromofluoromethane	8.165	113	99224	49.485	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.960%	
50) Toluene-d8	10.565	98	358924	48.593	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	97.180%	
62) 4-Bromofluorobenzene	12.847	95	147010	53.255	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	106.500%	
Target Compounds					Qvalue	
39) Methylcyclohexane	9.594	83	6990	2.471	ug/l	97
40) Benzene	8.600	78	9015	1.009	ug/l	90
52) Toluene	10.630	92	228175	43.685	ug/l	100
65) Chlorobenzene	11.888	112	1974	0.331	ug/l #	87
67) Ethyl Benzene	11.965	91	559825	56.271	ug/l	99
68) m/p-Xylenes	12.065	106	1007951	267.613	ug/l	100
69) o-Xylene	12.394	106	413522	117.364	ug/l	99
73) Isopropylbenzene	12.694	105	269485	29.854	ug/l	99
78) n-propylbenzene	13.035	91	498228	47.100	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	552446	73.840	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	1923009	249.036	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	3484	0.736	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	2787	0.612	ug/l	92
95) Naphthalene	15.635	128	187207	25.109	ug/l	100

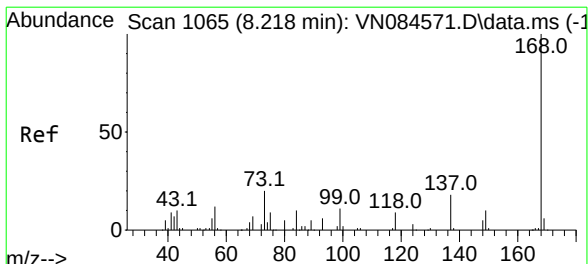
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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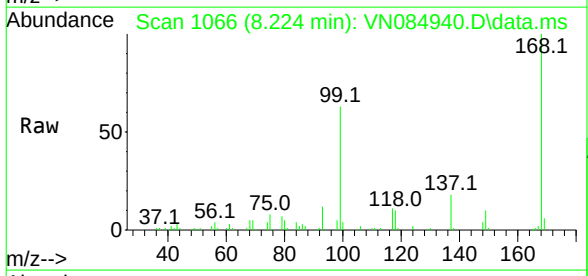
Quant Time: Nov 20 00:25:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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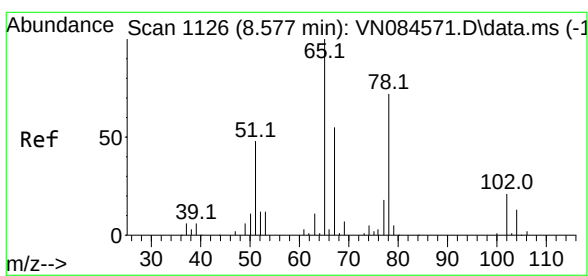
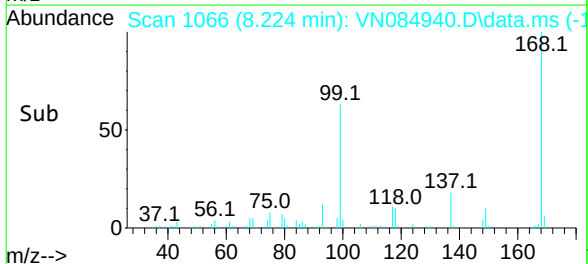
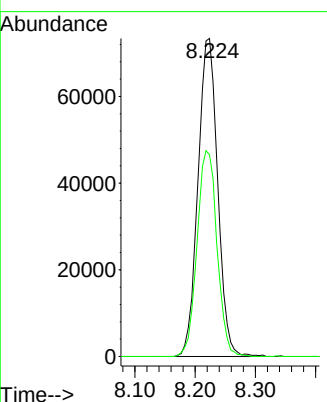
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Instrument :
MSVOA_N
ClientSampleId :
MW-1



Tgt Ion:168 Resp: 166987

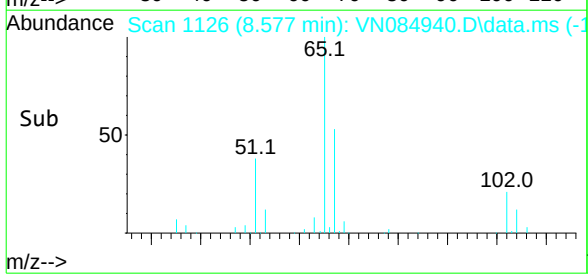
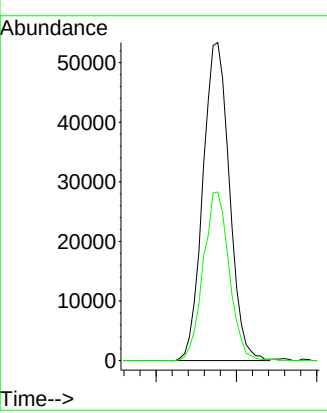
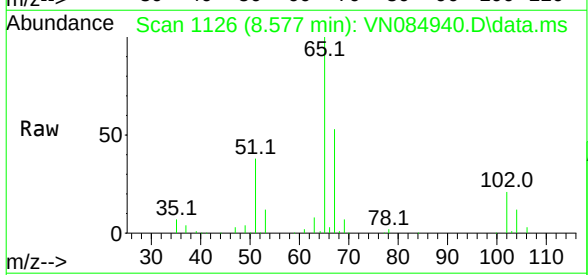
Ion	Ratio	Lower	Upper
168	100		
99	63.4	54.2	81.2

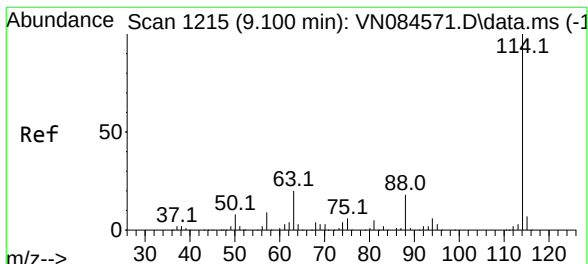


#33
1,2-Dichloroethane-d4
Concen: 50.749 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 65 Resp: 122400

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	102.0

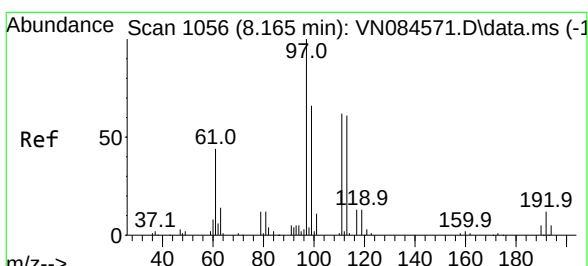
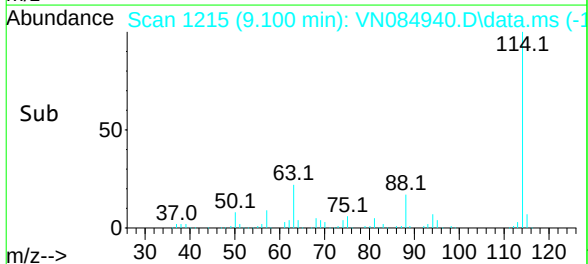
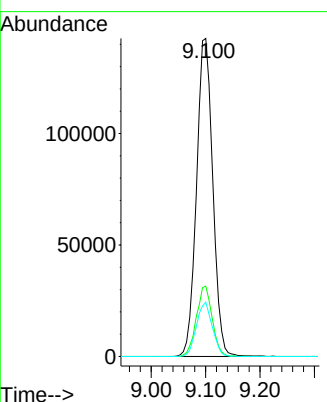
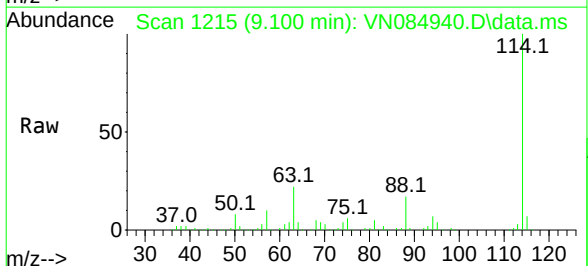




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN084940.D
 Acq: 19 Nov 2024 12:28

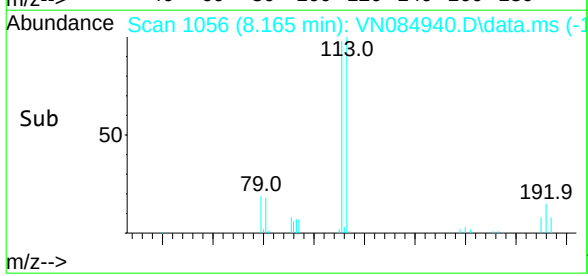
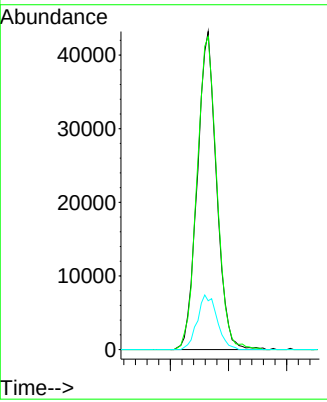
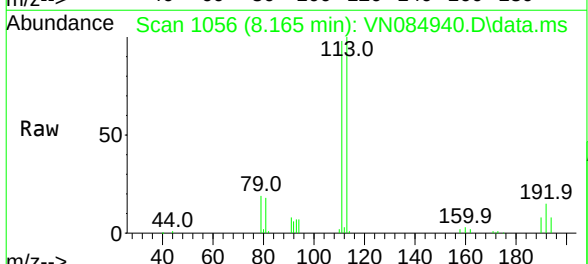
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

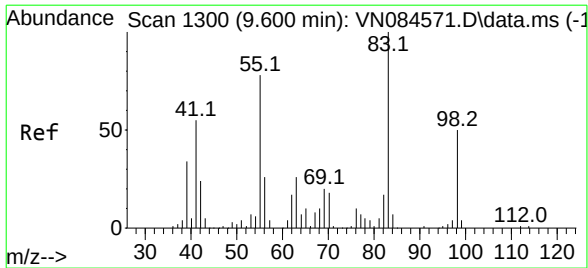
Tgt Ion:	114	Resp:	296234
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.8
88	17.1	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 49.485 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084940.D
 Acq: 19 Nov 2024 12:28

Tgt Ion:	113	Resp:	99224
Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.3	124.9
192	17.7	13.5	20.3

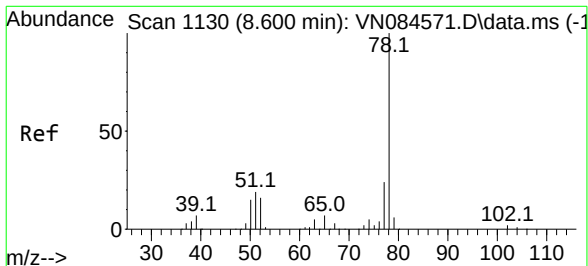
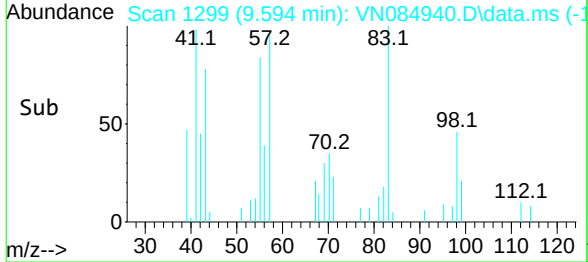
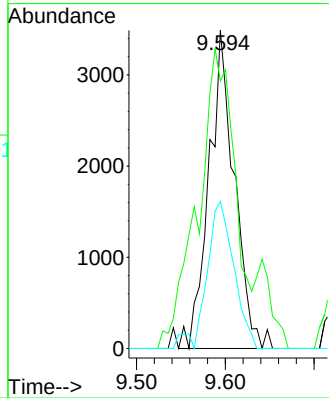
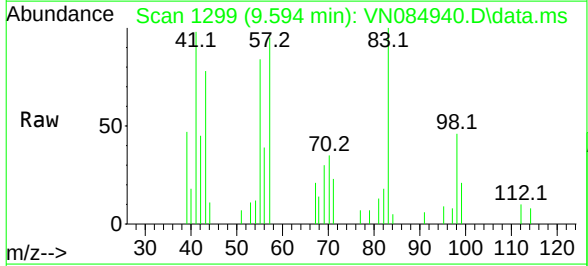




#39
Methylcyclohexane
Concen: 2.471 ug/l
RT: 9.594 min Scan# 12
Delta R.T. -0.006 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

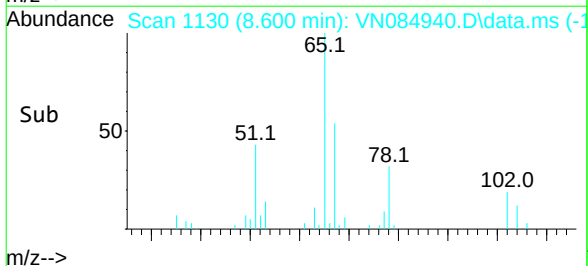
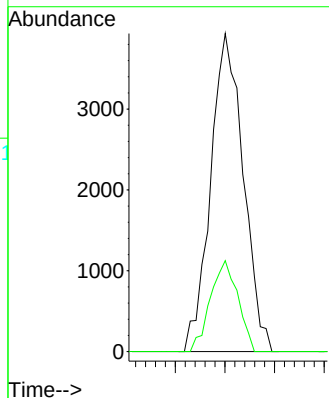
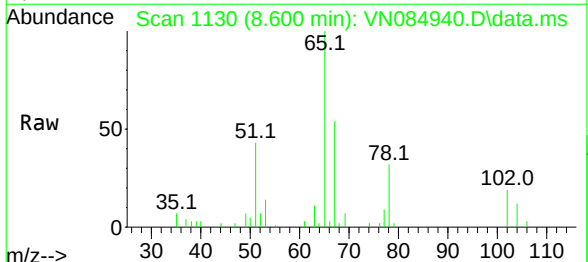
Instrument :
MSVOA_N
ClientSampleId :
MW-1

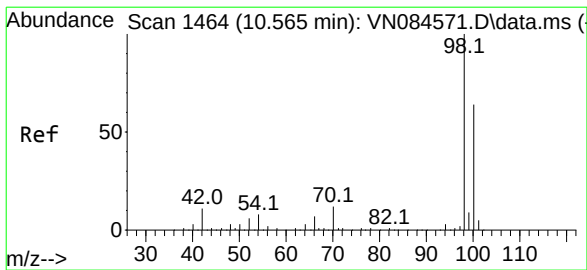
Tgt Ion:	83	Resp:	6990
Ion	Ratio	Lower	Upper
83	100		
55	75.9	62.8	94.2
98	46.3	38.8	58.2



#40
Benzene
Concen: 1.009 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion:	78	Resp:	9015
Ion	Ratio	Lower	Upper
78	100		
77	28.6	19.1	28.7





#50

Toluene-d8

Concen: 48.593 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

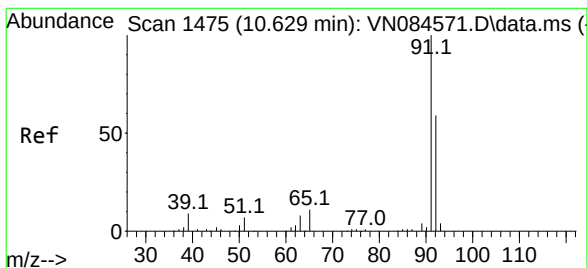
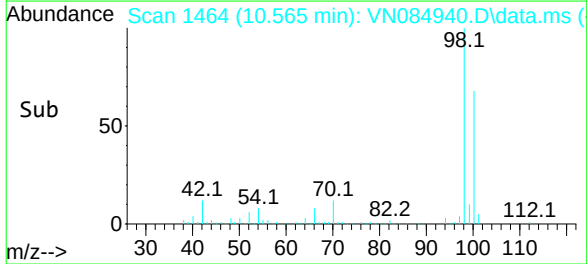
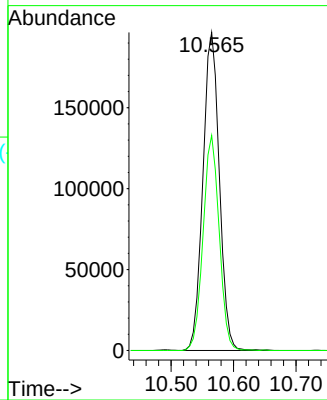
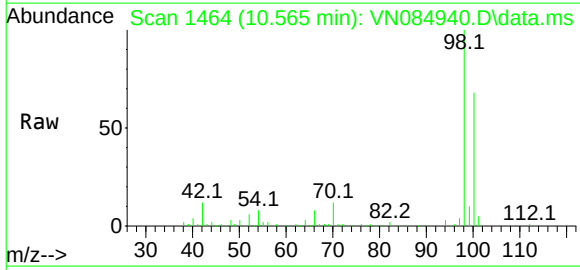
MW-1

Tgt Ion: 98 Resp: 358924

Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1



#52

Toluene

Concen: 43.685 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN084940.D

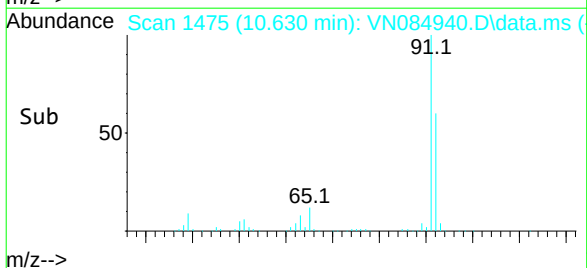
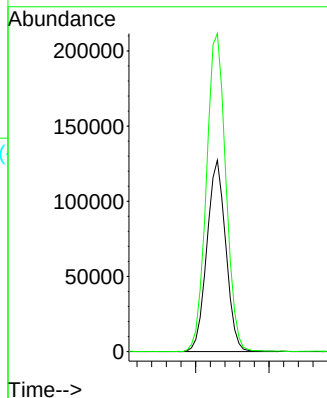
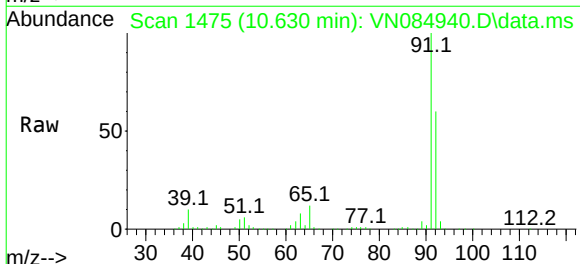
Acq: 19 Nov 2024 12:28

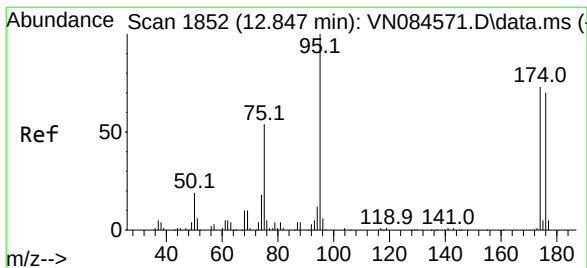
Tgt Ion: 92 Resp: 228175

Ion Ratio Lower Upper

92 100

91 171.1 137.3 205.9





#62

4-Bromofluorobenzene

Concen: 53.255 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN084940.D

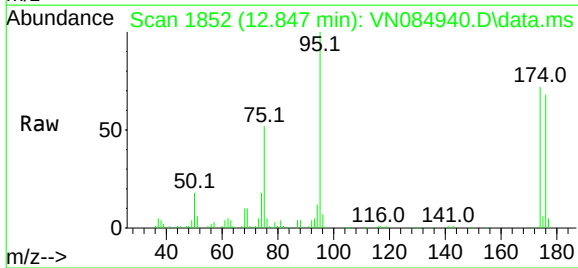
Acq: 19 Nov 2024 12:28

Instrument :

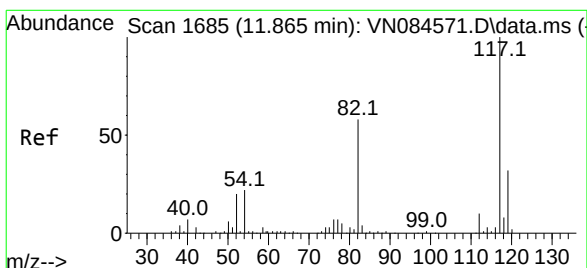
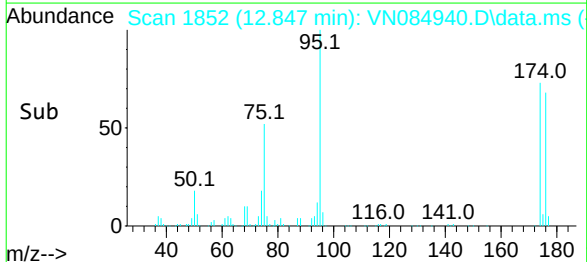
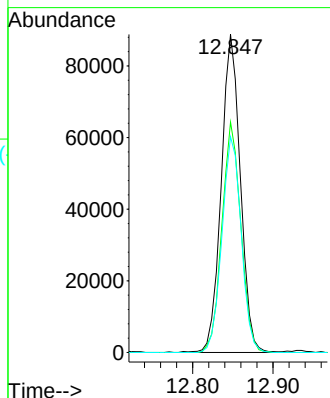
MSVOA_N

ClientSampleId :

MW-1



Tgt Ion:	95	Resp:	147010
Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	145.2
176	68.2	0.0	140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

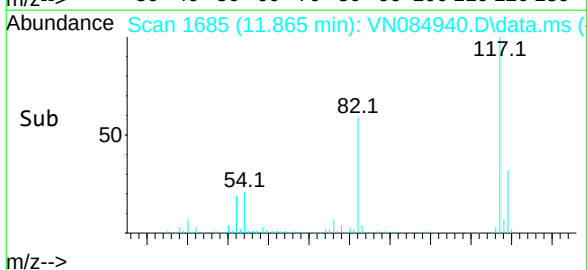
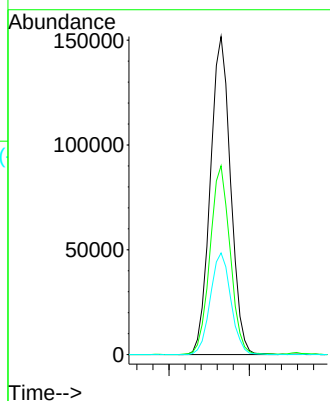
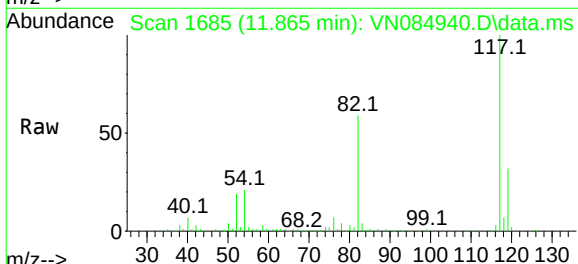
RT: 11.865 min Scan# 1685

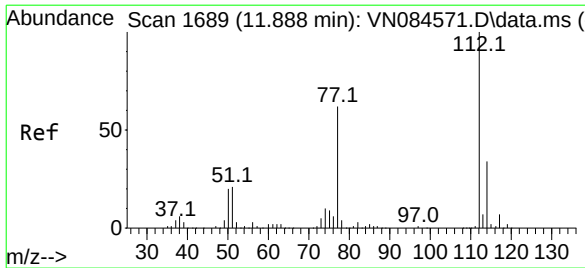
Delta R.T. -0.000 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

Tgt Ion:	117	Resp:	266411
Ion	Ratio	Lower	Upper
117	100		
82	59.4	47.2	70.8
119	32.0	25.4	38.0





#65

Chlorobenzene

Concen: 0.331 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

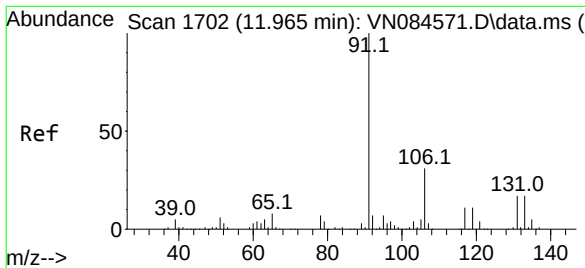
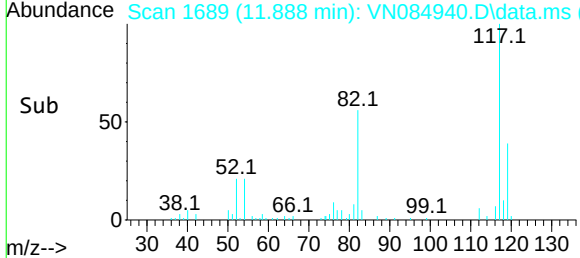
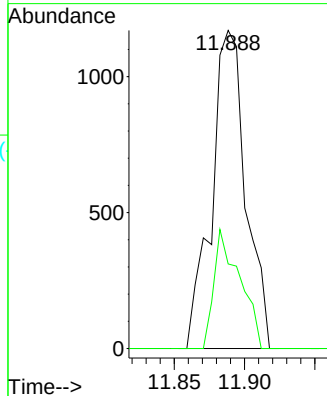
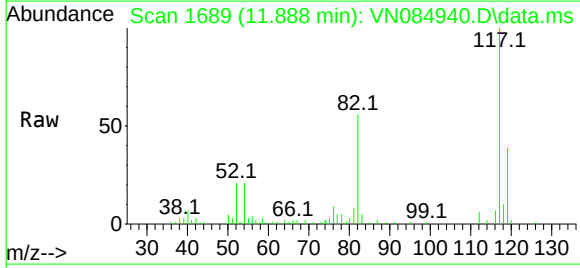
MW-1

Tgt Ion:112 Resp: 1974

Ion Ratio Lower Upper

112 100

114 26.6 27.0 40.6#



#67

Ethyl Benzene

Concen: 56.271 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN084940.D

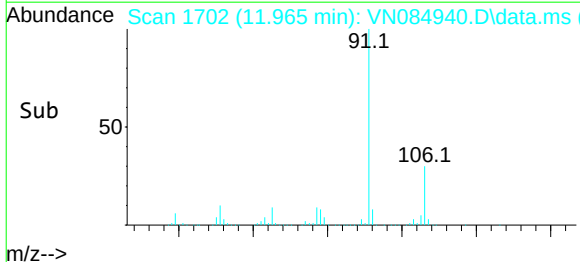
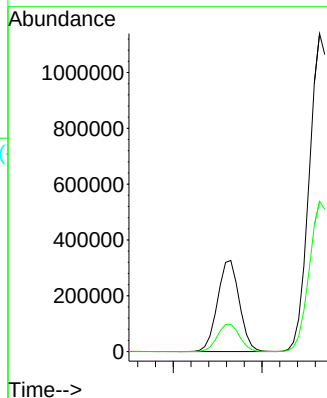
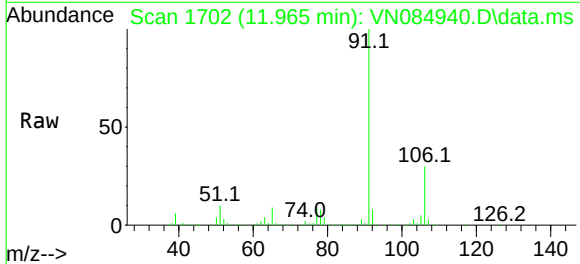
Acq: 19 Nov 2024 12:28

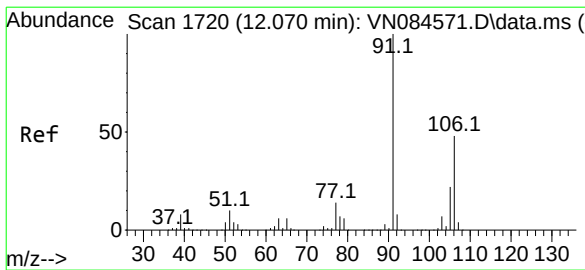
Tgt Ion: 91 Resp: 559825

Ion Ratio Lower Upper

91 100

106 30.0 24.5 36.7

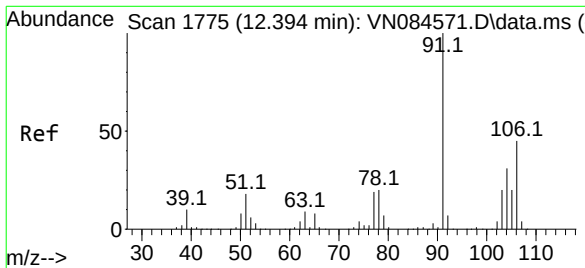
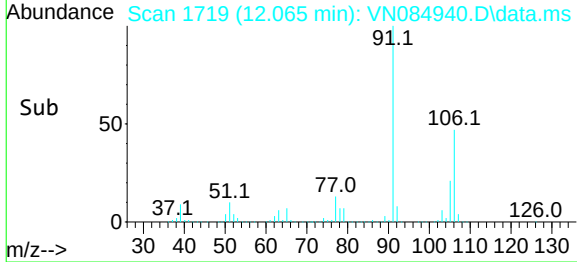
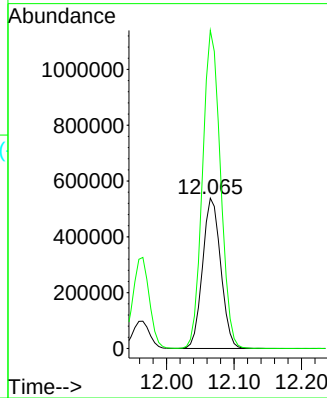
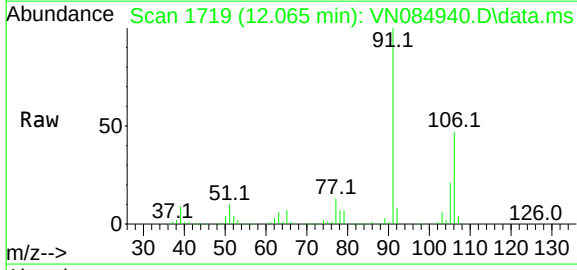




#68
m/p-Xylenes
Concen: 267.613 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

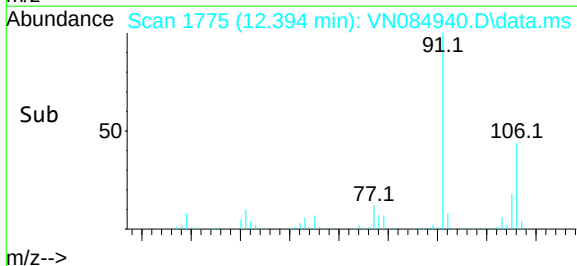
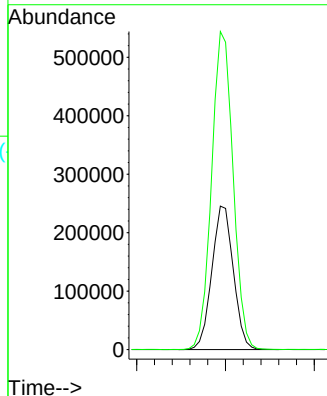
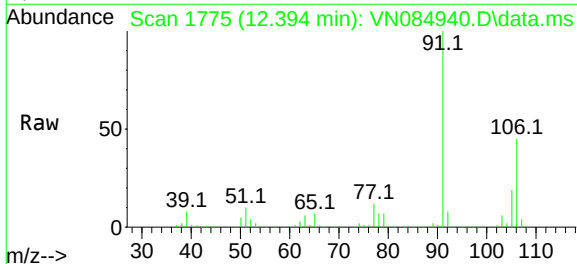
Instrument :
MSVOA_N
ClientSampleId :
MW-1

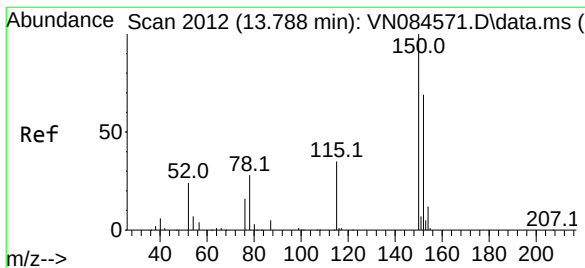
Tgt Ion:106 Resp: 1007951
Ion Ratio Lower Upper
106 100
91 209.3 167.1 250.7



#69
o-Xylene
Concen: 117.364 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion:106 Resp: 413522
Ion Ratio Lower Upper
106 100
91 221.5 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

MW-1

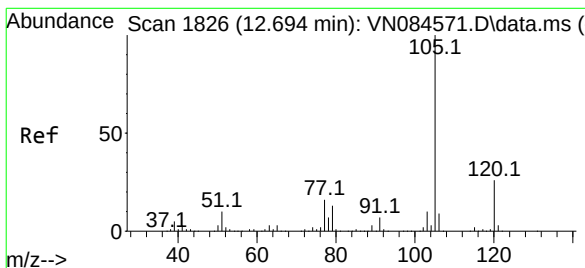
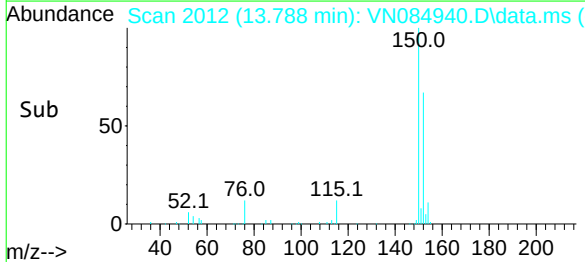
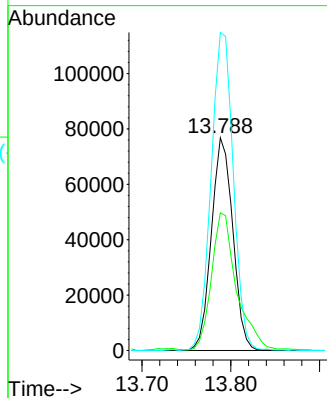
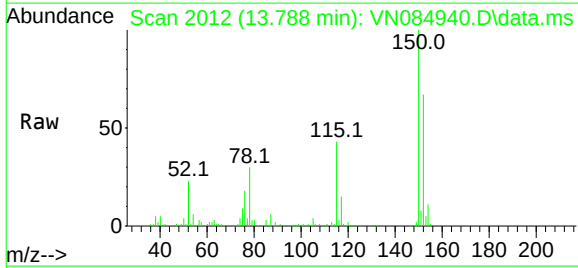
Tgt Ion:152 Resp: 128813

Ion Ratio Lower Upper

152 100

115 76.8 31.3 93.9

150 155.4 0.0 349.8



#73

Isopropylbenzene

Concen: 29.854 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084940.D

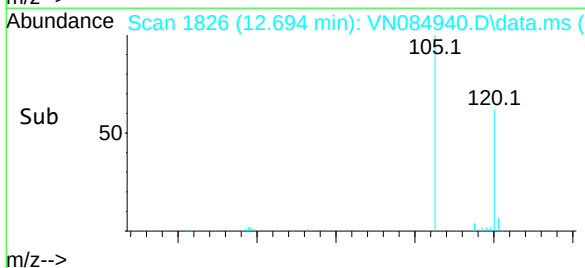
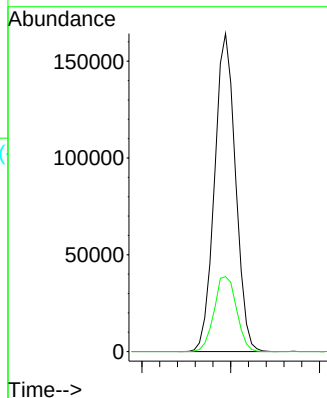
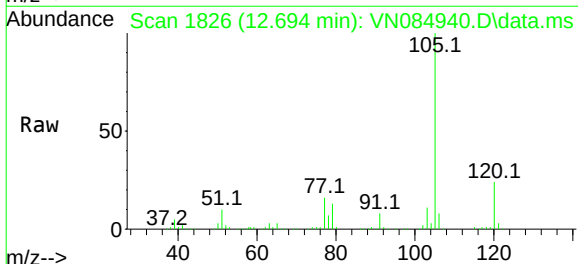
Acq: 19 Nov 2024 12:28

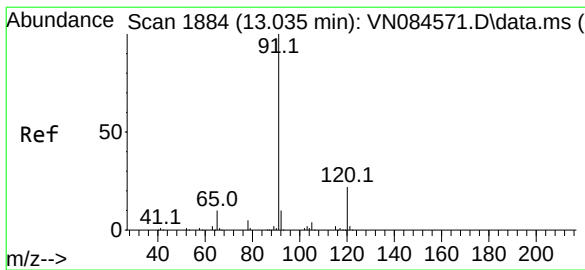
Tgt Ion:105 Resp: 269485

Ion Ratio Lower Upper

105 100

120 25.2 12.9 38.7





#78

n-propylbenzene

Concen: 47.100 ug/l

RT: 13.035 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

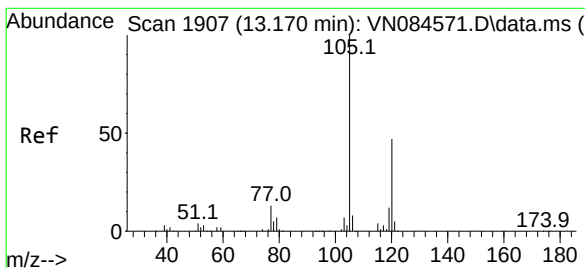
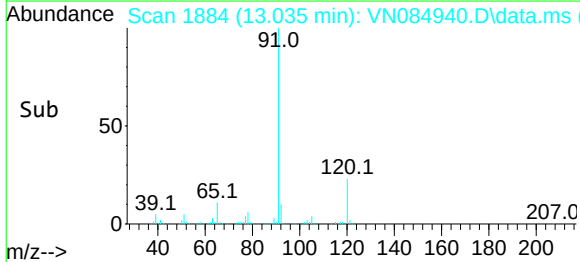
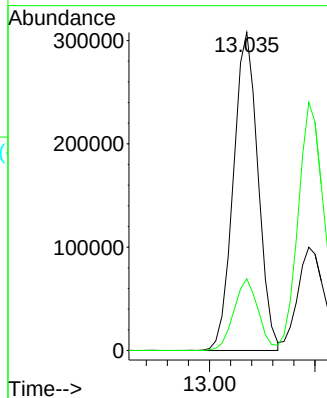
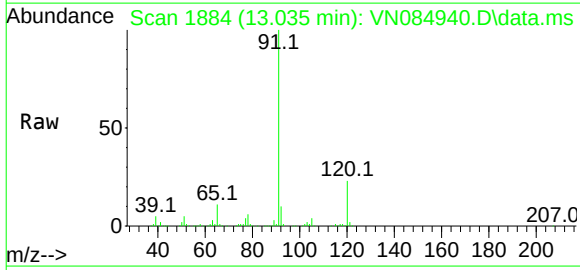
MW-1

Tgt Ion: 91 Resp: 498228

Ion Ratio Lower Upper

91 100

120 22.5 10.8 32.4



#80

1,3,5-Trimethylbenzene

Concen: 73.840 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084940.D

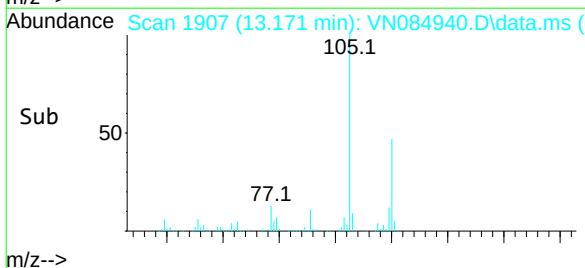
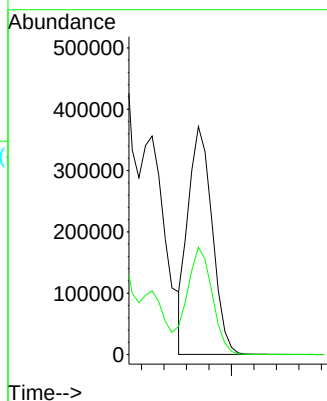
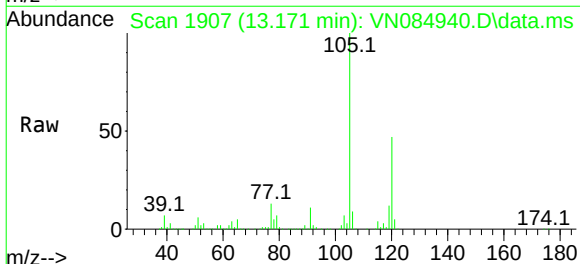
Acq: 19 Nov 2024 12:28

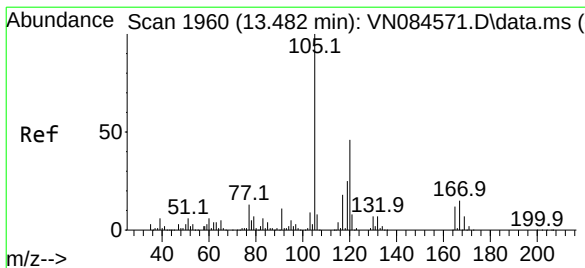
Tgt Ion:105 Resp: 552446

Ion Ratio Lower Upper

105 100

120 49.7 23.7 71.1





#84

1,2,4-Trimethylbenzene

Concen: 249.036 ug/l

RT: 13.482 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

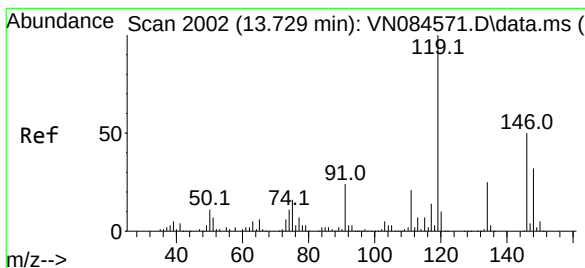
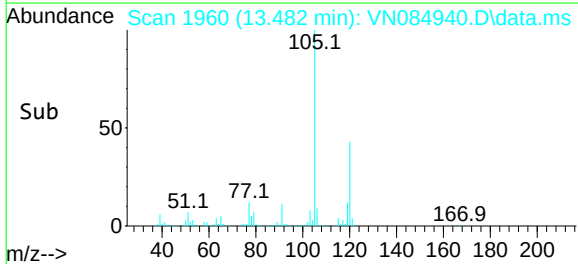
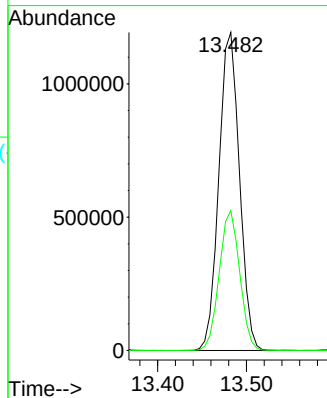
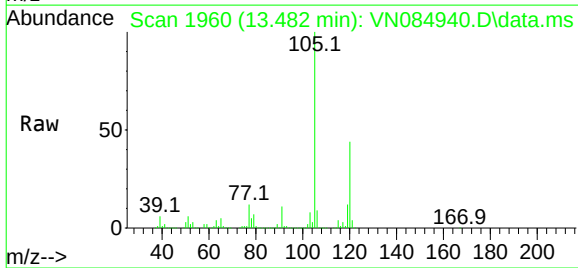
MW-1

Tgt Ion:105 Resp: 1923009

Ion Ratio Lower Upper

105 100

120 43.7 22.3 66.8



#87

1,3-Dichlorobenzene

Concen: 0.736 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

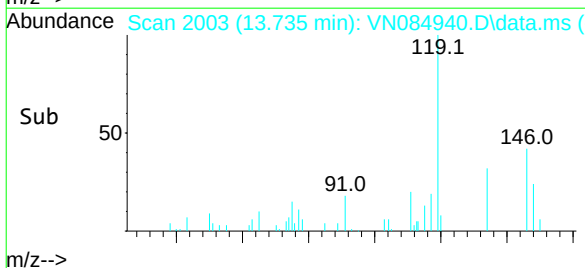
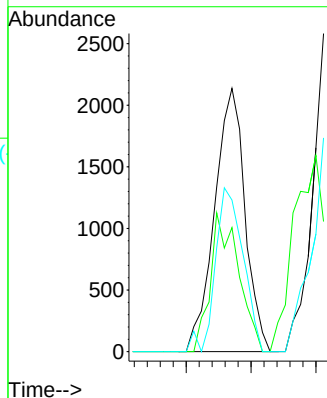
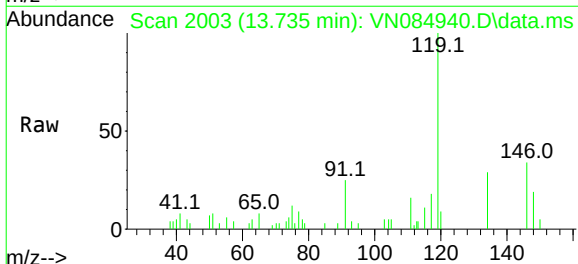
Tgt Ion:146 Resp: 3484

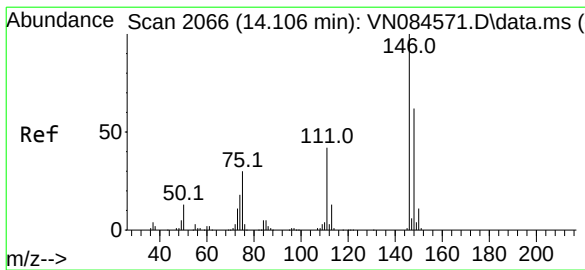
Ion Ratio Lower Upper

146 100

111 48.8 21.8 65.3

148 56.6 31.9 95.7





#91

1,2-Dichlorobenzene

Concen: 0.612 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

MW-1

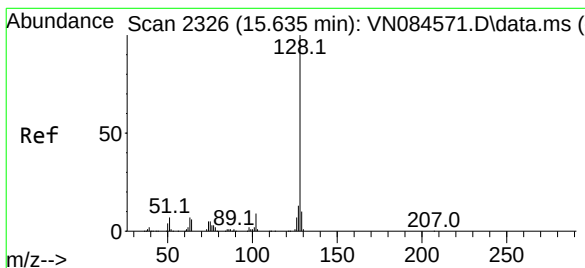
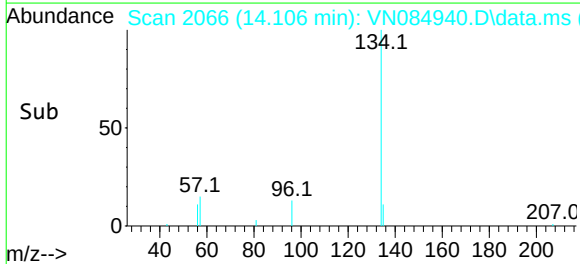
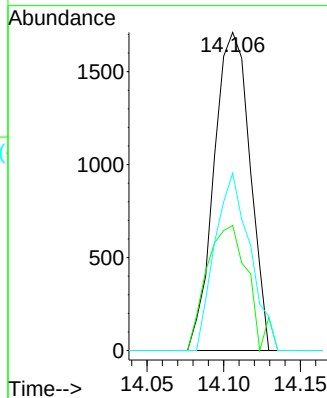
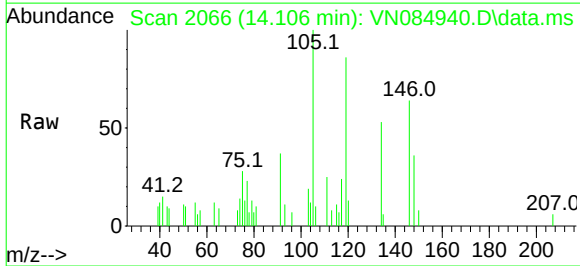
Tgt Ion:146 Resp: 2787

Ion Ratio Lower Upper

146 100

111 45.2 22.0 66.0

148 54.6 32.1 96.3



#95

Naphthalene

Concen: 25.109 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

Tgt Ion:128 Resp: 187207

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 11.1 8.7 13.1

