

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
 Data File : VN084941.D
 Acq On : 19 Nov 2024 12:52
 Operator : JC\MD
 Sample : P4770-02 500X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Nov 20 00:26:42 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)

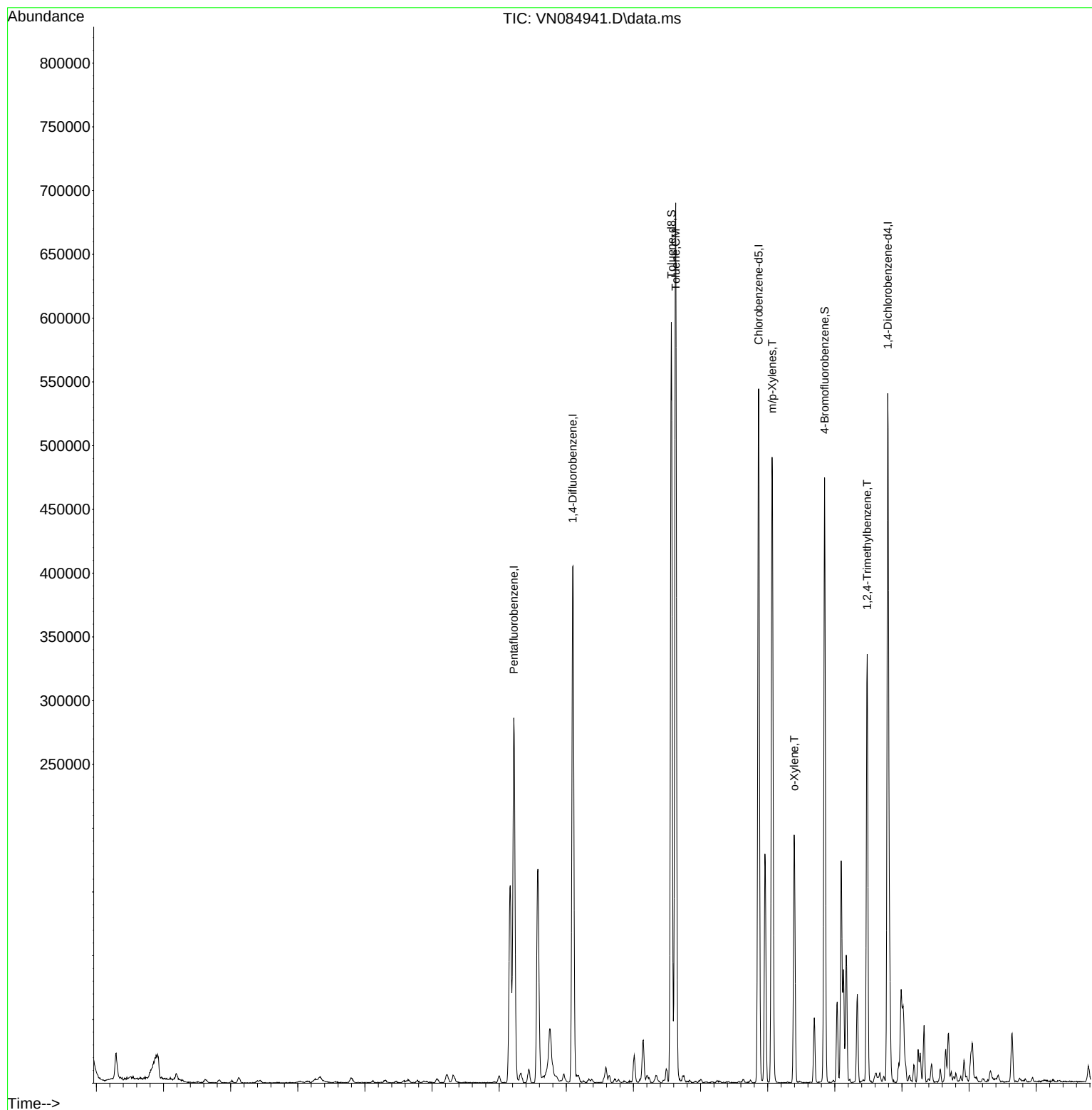
Internal Standards						
1) Pentafluorobenzene	8.218	168	194823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	349222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140718	50.008	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.020%		
35) Dibromofluoromethane	8.165	113	113192	47.885	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.780%		
50) Toluene-d8	10.565	98	413552	47.494	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 94.980%		
62) 4-Bromofluorobenzene	12.847	95	163672	50.294	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 100.580%		
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.600	83	2800	0.840	ug/l #	68
40) Benzene	8.600	78	8506	0.808	ug/l	91
52) Toluene	10.630	92	312079	50.684	ug/l	100
67) Ethyl Benzene	11.959	91	130493	11.407	ug/l	99
68) m/p-Xylenes	12.065	106	157125	36.280	ug/l	99
69) o-Xylene	12.394	106	53497	13.204	ug/l	100
73) Isopropylbenzene	12.694	105	31866	3.072	ug/l	98
78) n-propylbenzene	13.029	91	50739	4.174	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	57924	6.738	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	190785	21.502	ug/l	99
95) Naphthalene	15.641	128	36609	4.273	ug/l	99

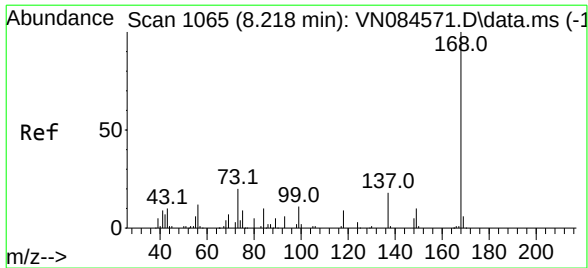
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
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Response via : Initial Calibration

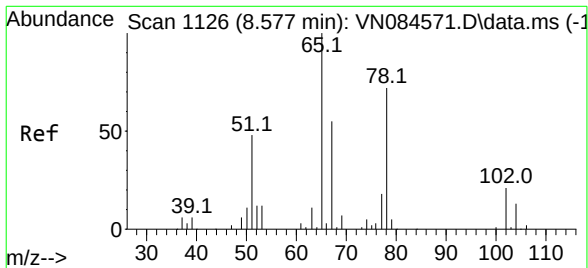
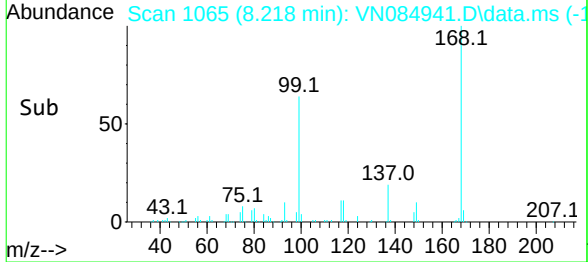
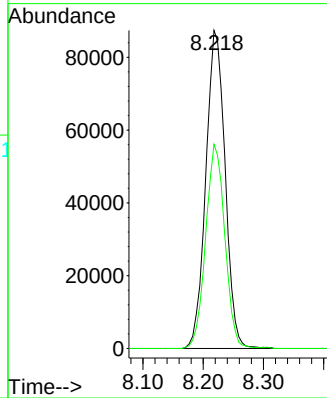
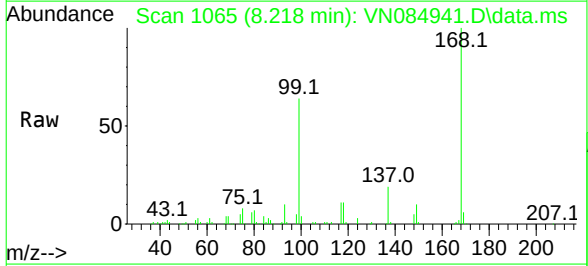




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084941.D
Acq: 19 Nov 2024 12:52

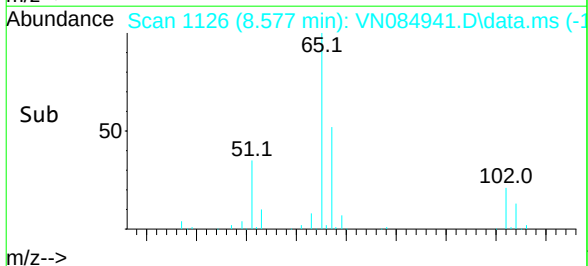
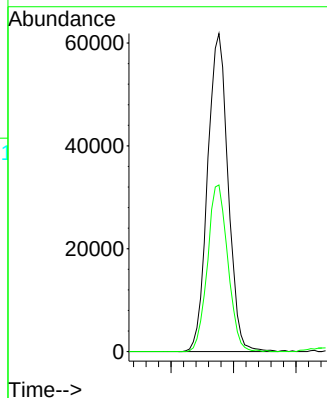
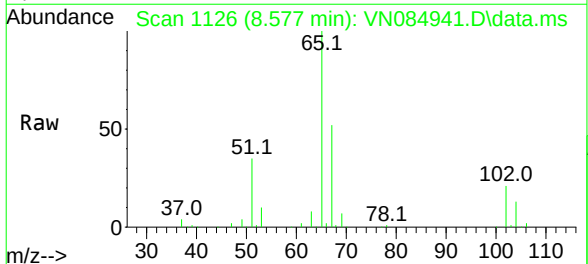
Instrument :
MSVOA_N
ClientSampleId :
MW-3

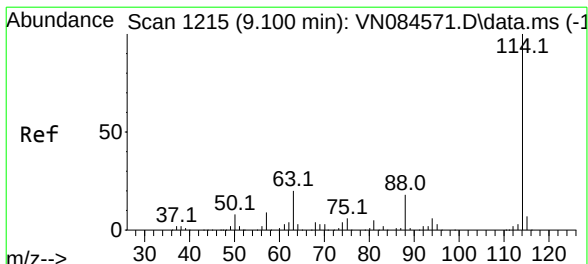
Tgt Ion:168 Resp: 194823
Ion Ratio Lower Upper
168 100
99 64.2 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 50.008 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084941.D
Acq: 19 Nov 2024 12:52

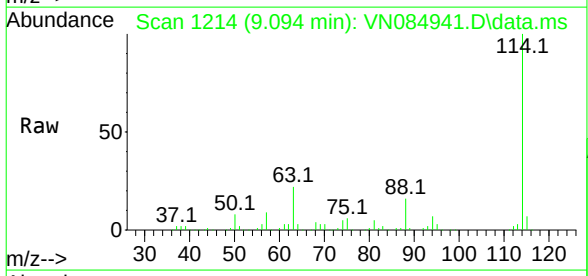
Tgt Ion: 65 Resp: 140718
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.0



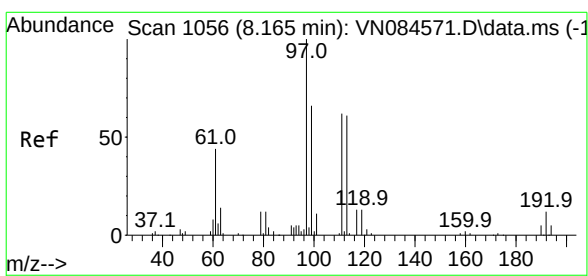
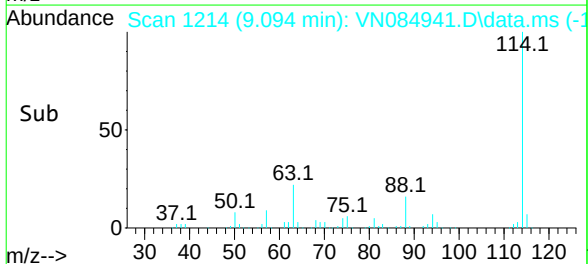
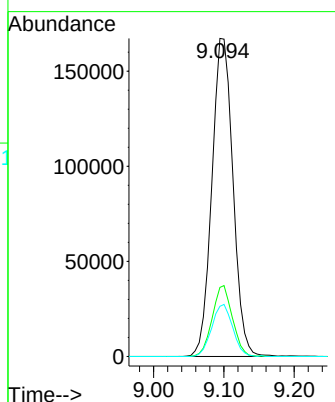


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN084941.D
 Acq: 19 Nov 2024 12:52

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

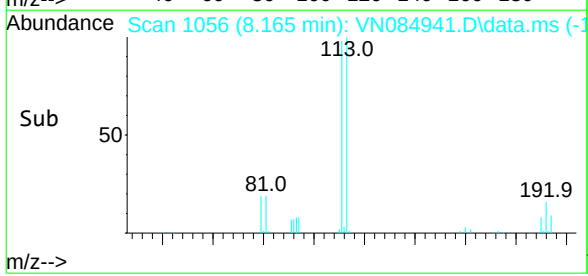
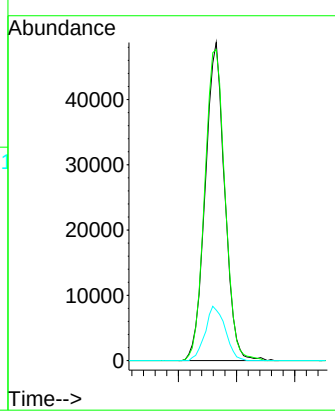
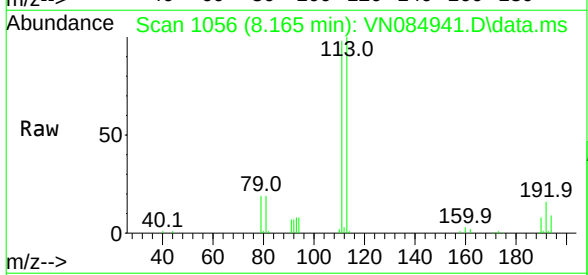


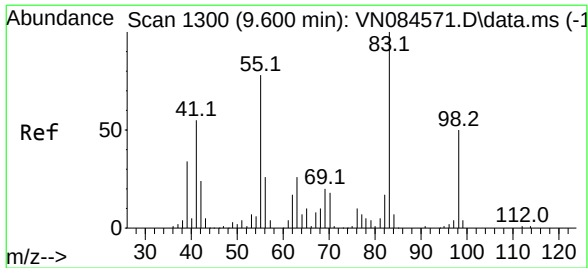
Tgt Ion:	114	Resp:	349222
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.8
88	15.8	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 47.885 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084941.D
 Acq: 19 Nov 2024 12:52

Tgt Ion:	113	Resp:	113192
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.3	124.9
192	17.5	13.5	20.3

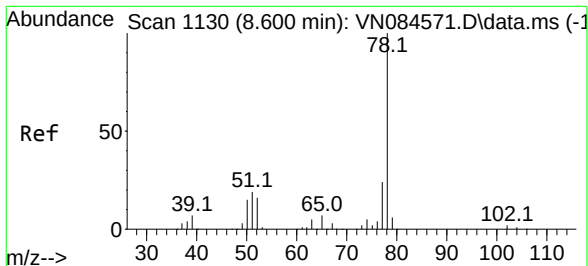
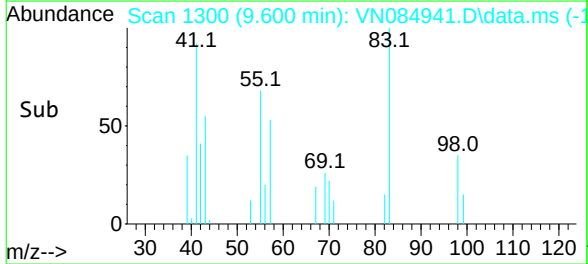
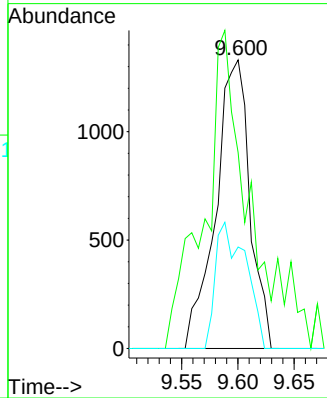
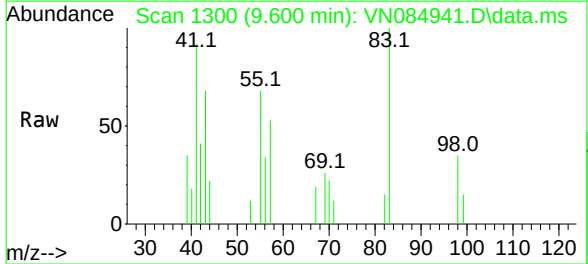




#39
Methylcyclohexane
Concen: 0.840 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084941.D
Acq: 19 Nov 2024 12:52

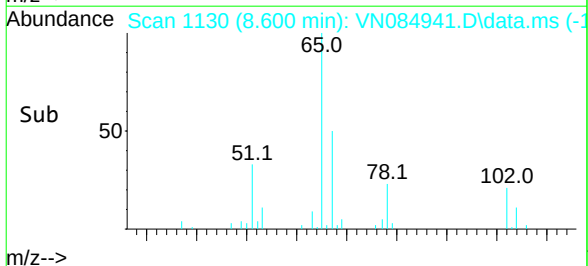
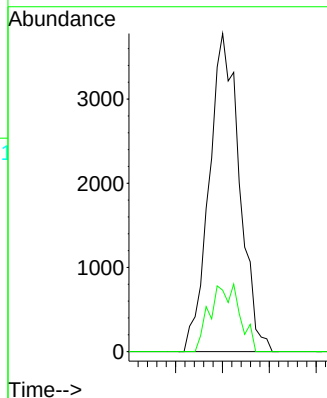
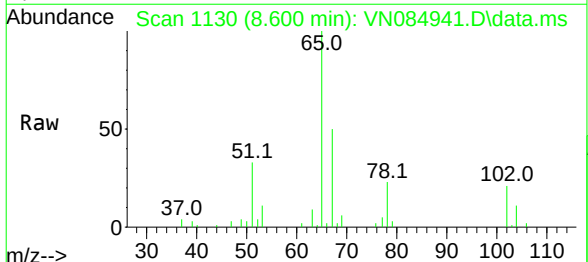
Instrument :
MSVOA_N
ClientSampleId :
MW-3

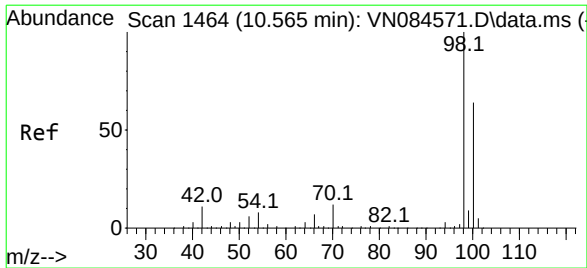
Tgt Ion:	83	Resp:	2800
Ion	Ratio	Lower	Upper
83	100		
55	43.7	62.8	94.2#
98	35.2	38.8	58.2#



#40
Benzene
Concen: 0.808 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084941.D
Acq: 19 Nov 2024 12:52

Tgt Ion:	78	Resp:	8506
Ion	Ratio	Lower	Upper
78	100		
77	19.3	19.1	28.7





#50

Toluene-d8

Concen: 47.494 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084941.D

Acq: 19 Nov 2024 12:52

Instrument :

MSVOA_N

ClientSampleId :

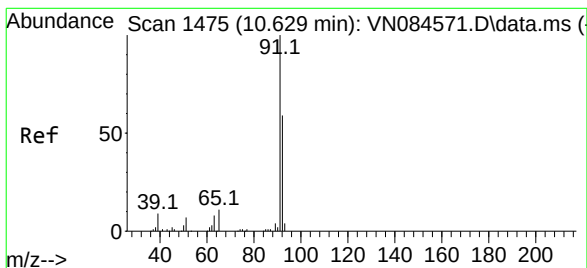
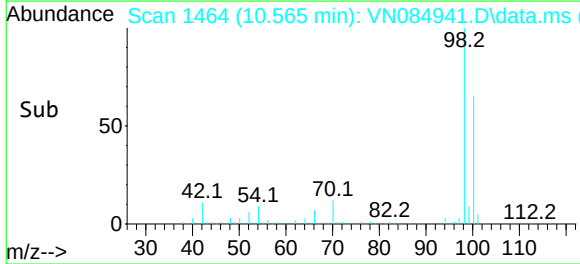
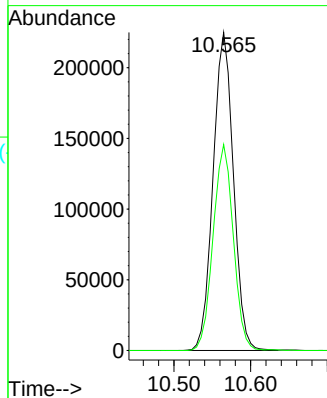
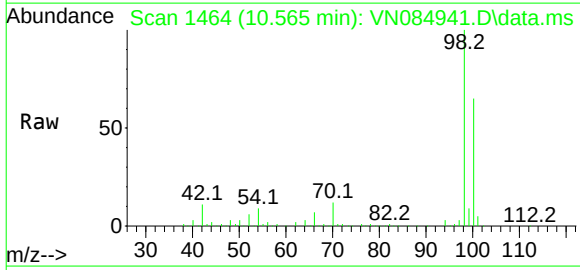
MW-3

Tgt Ion: 98 Resp: 413552

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1



#52

Toluene

Concen: 50.684 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN084941.D

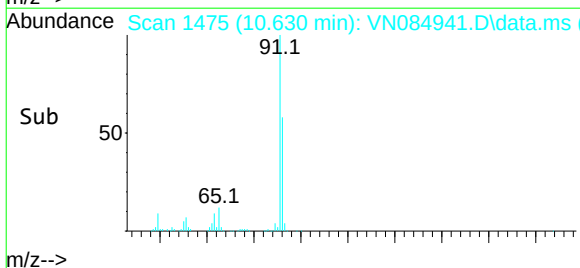
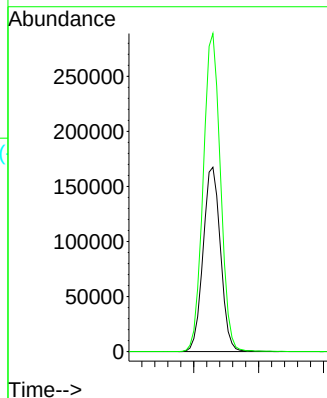
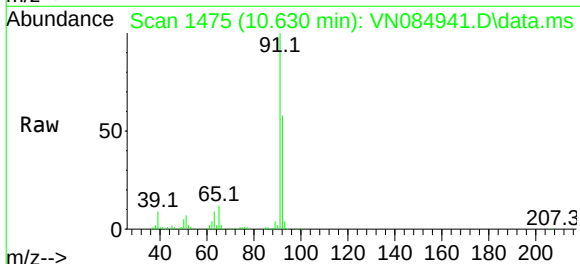
Acq: 19 Nov 2024 12:52

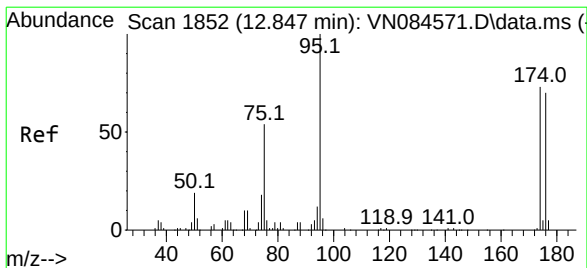
Tgt Ion: 92 Resp: 312079

Ion Ratio Lower Upper

92 100

91 171.6 137.3 205.9





#62

4-Bromofluorobenzene

Concen: 50.294 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN084941.D

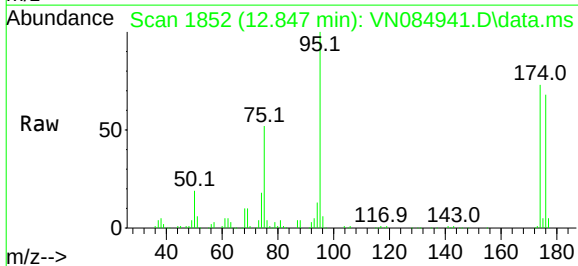
Acq: 19 Nov 2024 12:52

Instrument :

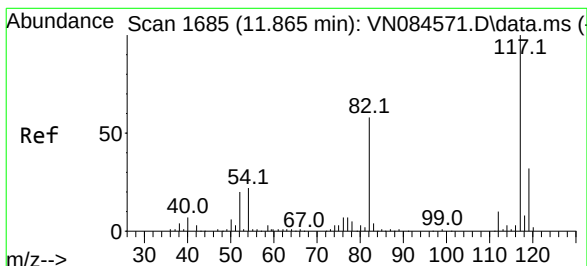
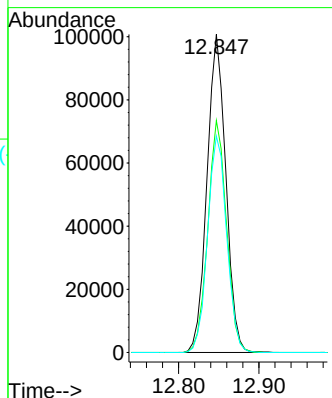
MSVOA_N

ClientSampleId :

MW-3



Tgt Ion:	95	Resp:	163672
Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	145.2
176	69.1	0.0	140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

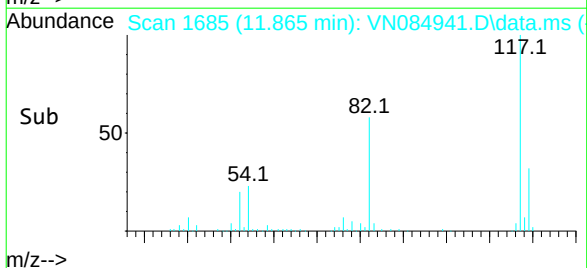
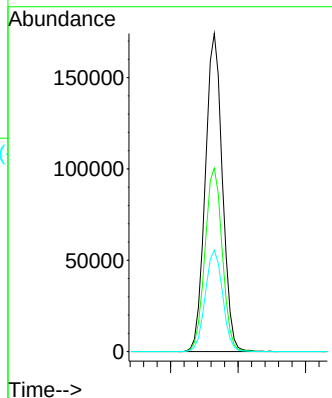
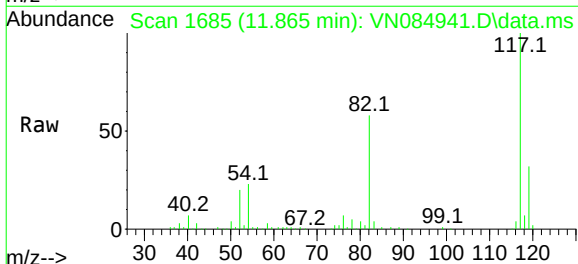
RT: 11.865 min Scan# 1685

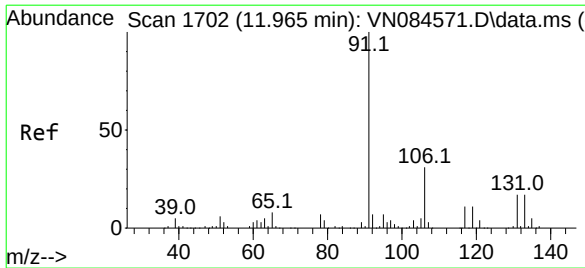
Delta R.T. -0.000 min

Lab File: VN084941.D

Acq: 19 Nov 2024 12:52

Tgt Ion:	117	Resp:	306335
Ion	Ratio	Lower	Upper
117	100		
82	57.7	47.2	70.8
119	31.9	25.4	38.0

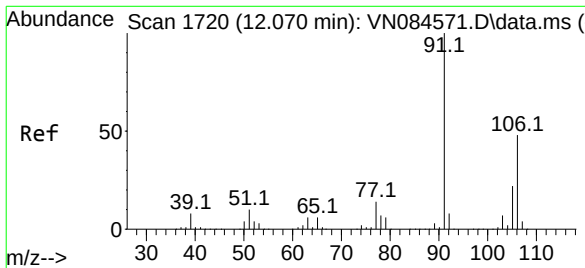
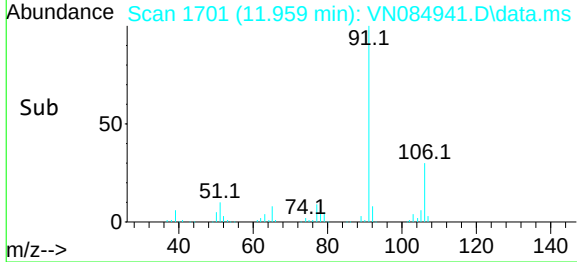
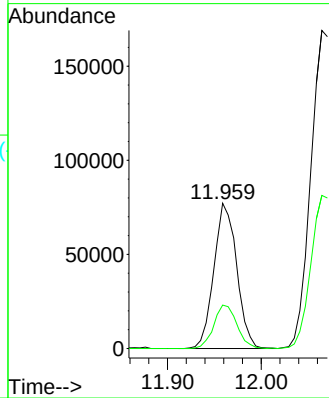
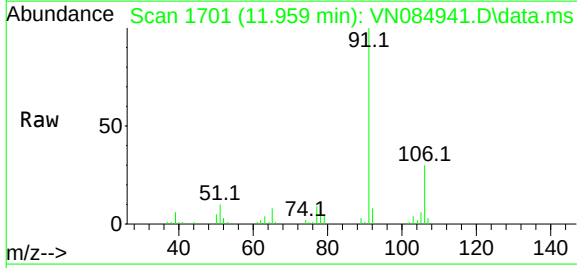




#67
Ethyl Benzene
Concen: 11.407 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN084941.D
Acq: 19 Nov 2024 12:52

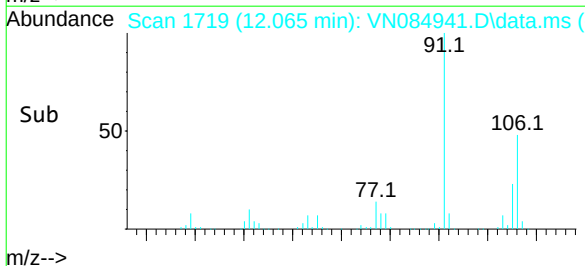
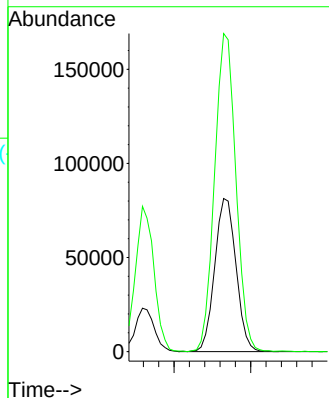
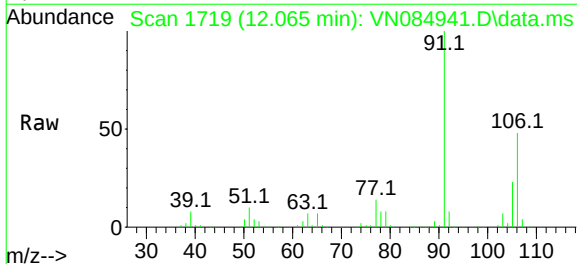
Instrument :
MSVOA_N
ClientSampleId :
MW-3

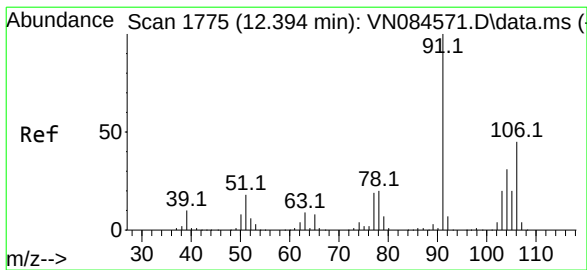
Tgt Ion: 91 Resp: 130493
Ion Ratio Lower Upper
91 100
106 29.9 24.5 36.7



#68
m/p-Xylenes
Concen: 36.280 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084941.D
Acq: 19 Nov 2024 12:52

Tgt Ion:106 Resp: 157125
Ion Ratio Lower Upper
106 100
91 207.3 167.1 250.7





#69

o-Xylene

Concen: 13.204 ug/l

RT: 12.394 min Scan# 17

Delta R.T. 0.000 min

Lab File: VN084941.D

Acq: 19 Nov 2024 12:52

Instrument :

MSVOA_N

ClientSampleId :

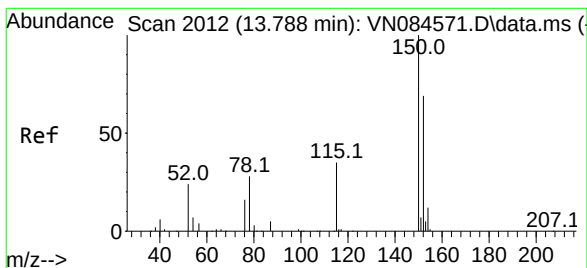
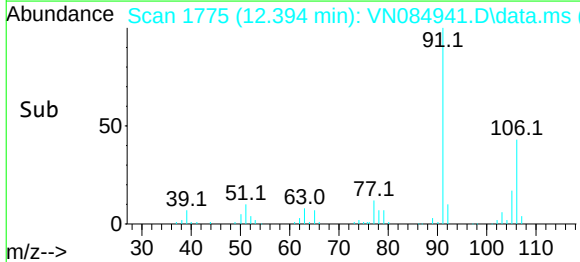
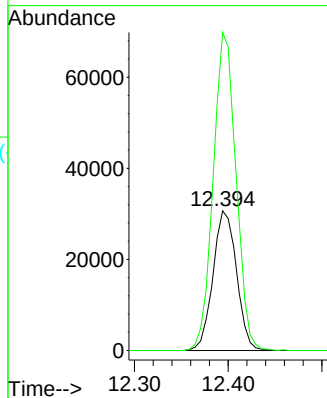
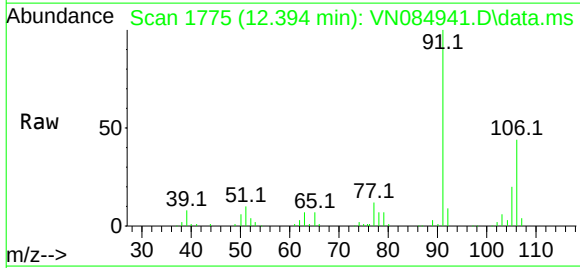
MW-3

Tgt Ion:106 Resp: 53497

Ion Ratio Lower Upper

106 100

91 220.6 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084941.D

Acq: 19 Nov 2024 12:52

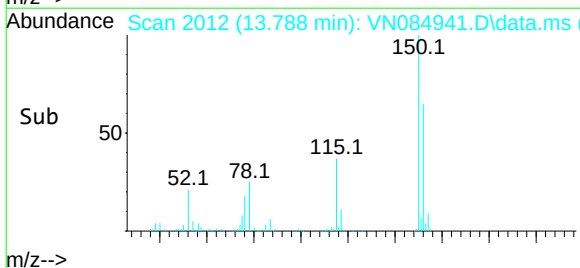
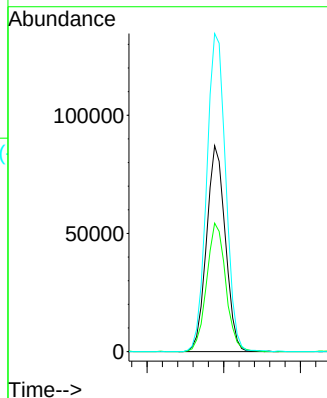
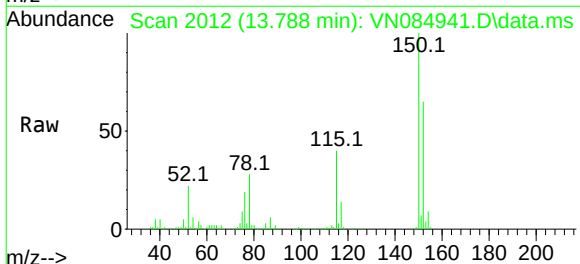
Tgt Ion:152 Resp: 148014

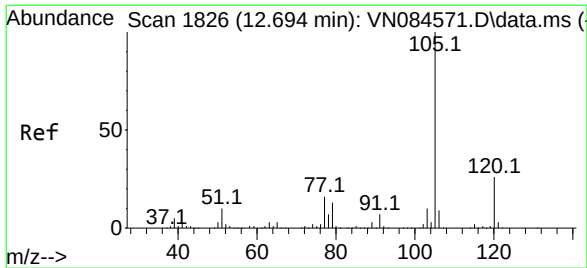
Ion Ratio Lower Upper

152 100

115 63.8 31.3 93.9

150 156.6 0.0 349.8





#73

Isopropylbenzene

Concen: 3.072 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084941.D

Acq: 19 Nov 2024 12:52

Instrument :

MSVOA_N

ClientSampleId :

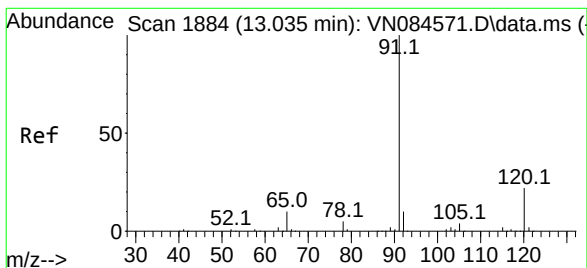
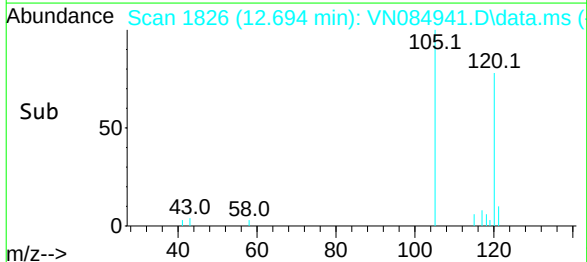
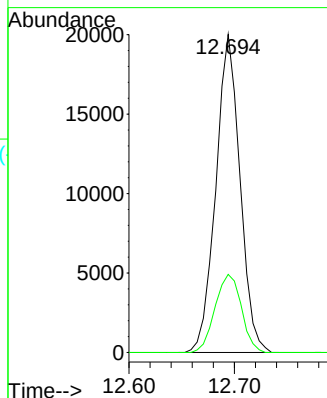
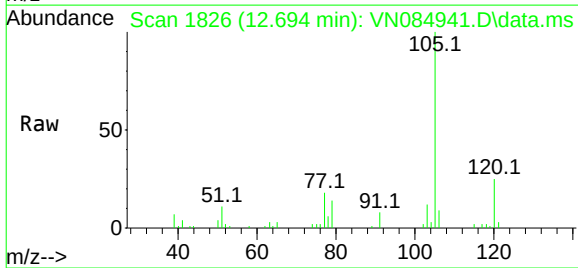
MW-3

Tgt Ion: 105 Resp: 31866

Ion Ratio Lower Upper

105 100

120 26.7 12.9 38.7



#78

n-propylbenzene

Concen: 4.174 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN084941.D

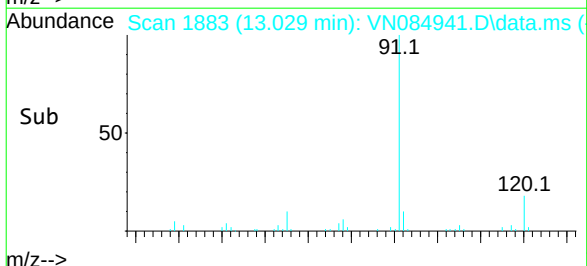
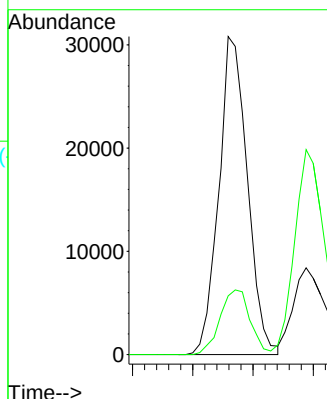
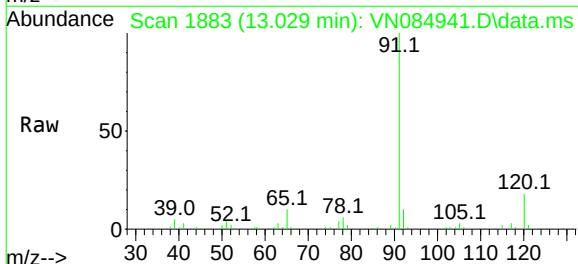
Acq: 19 Nov 2024 12:52

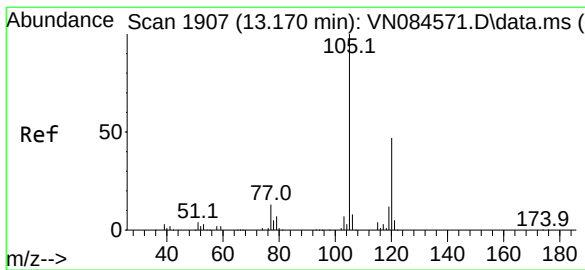
Tgt Ion: 91 Resp: 50739

Ion Ratio Lower Upper

91 100

120 21.5 10.8 32.4





#80

1,3,5-Trimethylbenzene

Concen: 6.738 ug/l

RT: 13.171 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN084941.D

Acq: 19 Nov 2024 12:52

Instrument :

MSVOA_N

ClientSampleId :

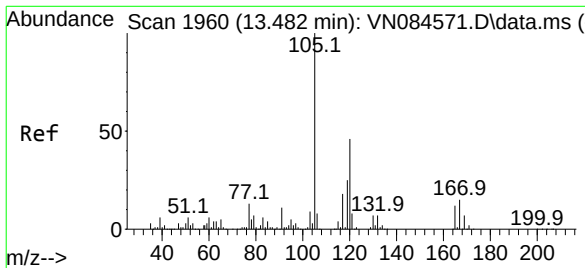
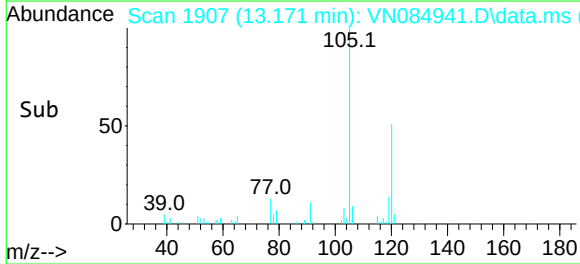
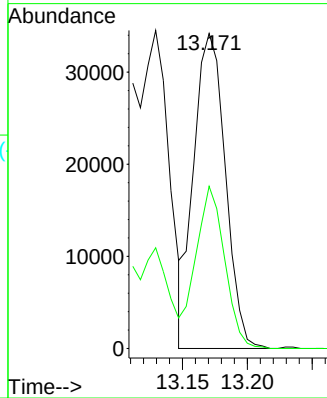
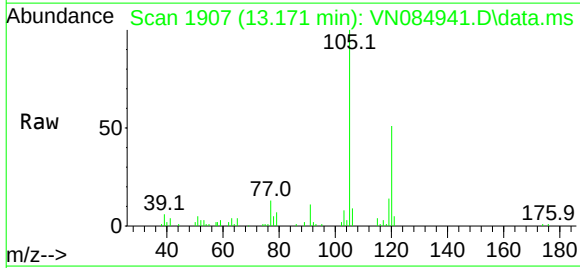
MW-3

Tgt Ion:105 Resp: 57924

Ion Ratio Lower Upper

105 100

120 47.2 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 21.502 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084941.D

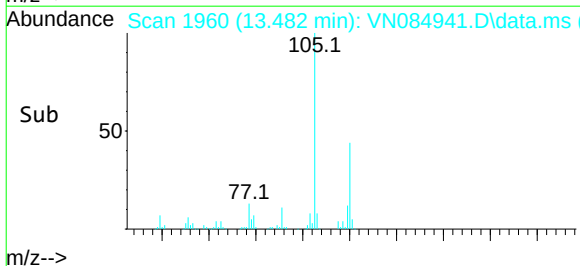
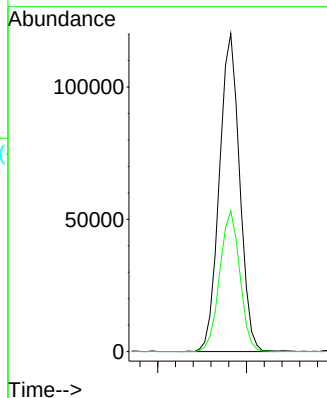
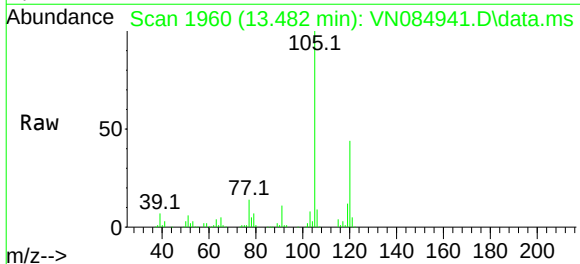
Acq: 19 Nov 2024 12:52

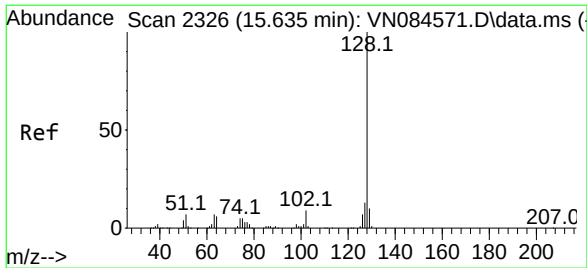
Tgt Ion:105 Resp: 190785

Ion Ratio Lower Upper

105 100

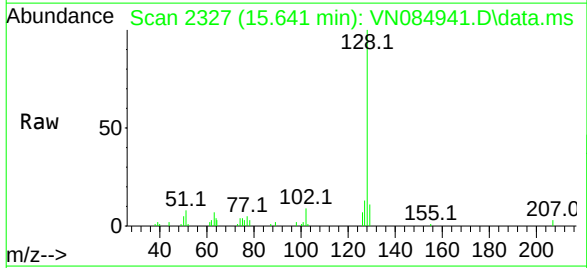
120 43.9 22.3 66.8





#95
Naphthalene
Concen: 4.273 ug/l
RT: 15.641 min Scan# 23
Delta R.T. 0.006 min
Lab File: VN084941.D
Acq: 19 Nov 2024 12:52

Instrument :
MSVOA_N
ClientSampleId :
MW-3



Tgt Ion:	128	Resp:	36609
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.3	8.7	13.1

