

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112024\
 Data File : VN084968.D
 Acq On : 20 Nov 2024 14:57
 Operator : JC\MD
 Sample : P4770-01 1000X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Nov 21 03:58:32 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)

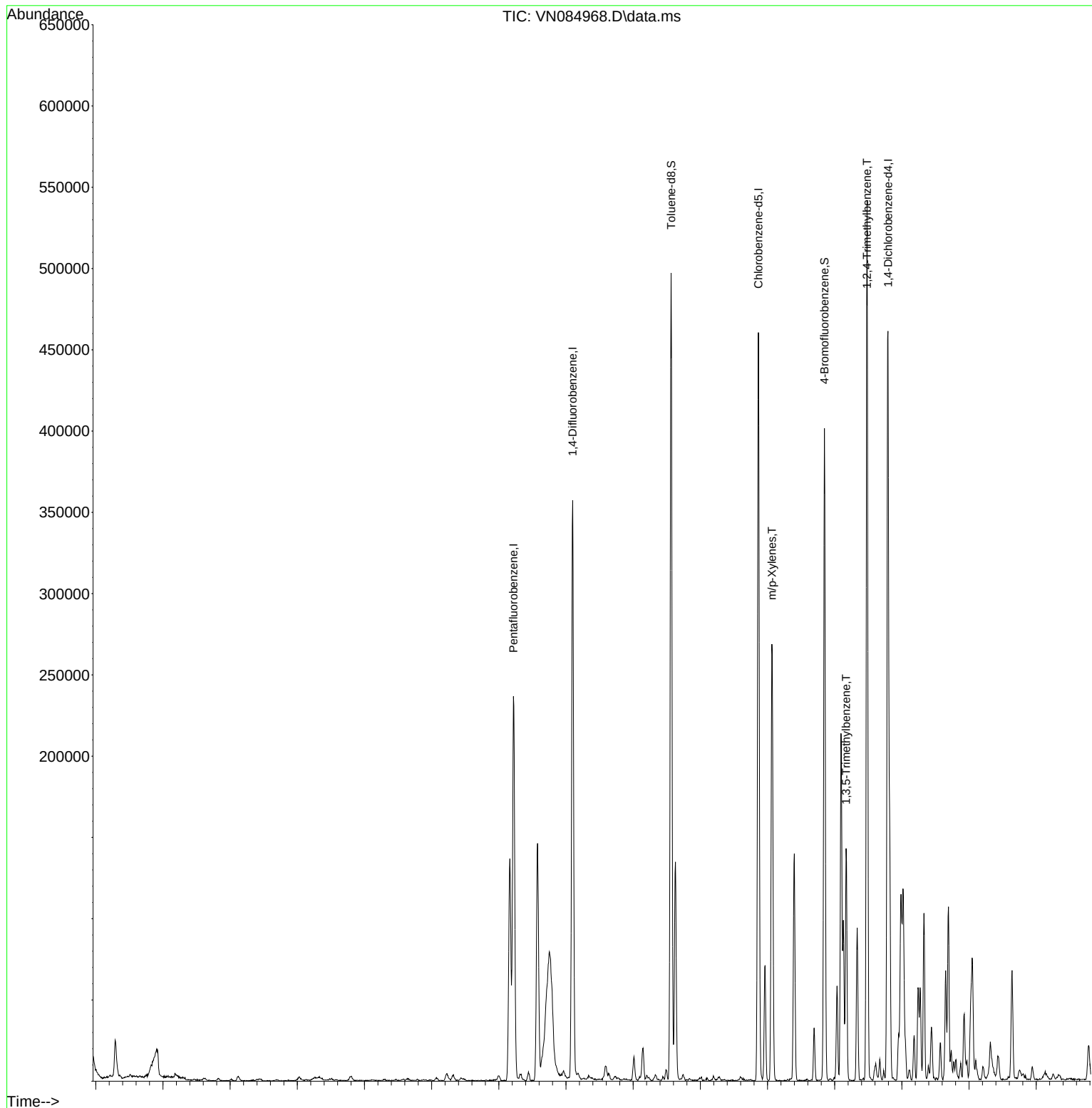
Internal Standards						
1) Pentafluorobenzene	8.218	168	163240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	120053	50.919	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.840%		
35) Dibromofluoromethane	8.165	113	97935	47.813	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.620%		
50) Toluene-d8	10.565	98	341514	45.262	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.520%		
62) 4-Bromofluorobenzene	12.847	95	139540	49.484	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.960%		
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.600	83	1929	0.667	ug/l #	62
40) Benzene	8.600	78	5519	0.605	ug/l #	86
52) Toluene	10.629	92	59567	11.164	ug/l	99
65) Chlorobenzene	11.888	112	1501	0.257	ug/l #	75
67) Ethyl Benzene	11.965	91	50631	5.203	ug/l	96
68) m/p-Xylenes	12.065	106	86461	23.469	ug/l	99
69) o-Xylene	12.400	106	37841	10.980	ug/l	100
73) Isopropylbenzene	12.694	105	19447	2.199	ug/l	97
78) n-propylbenzene	13.035	91	45100	4.352	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	76404	10.424	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	302688	40.012	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	1212	0.261	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	1293	0.290	ug/l #	82
95) Naphthalene	15.641	128	60596	8.296	ug/l	98

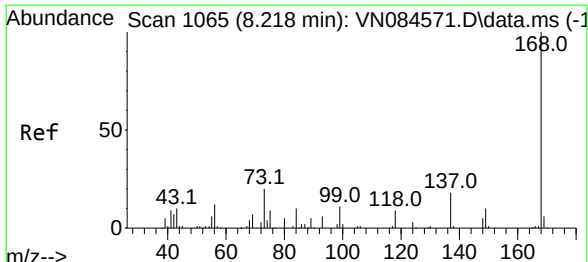
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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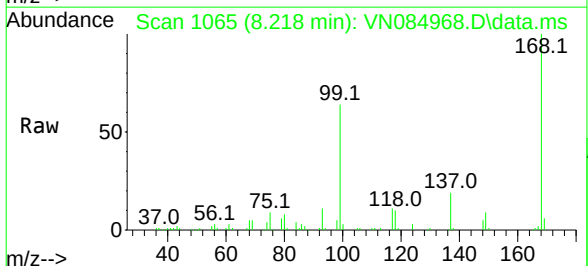
Quant Time: Nov 21 03:58:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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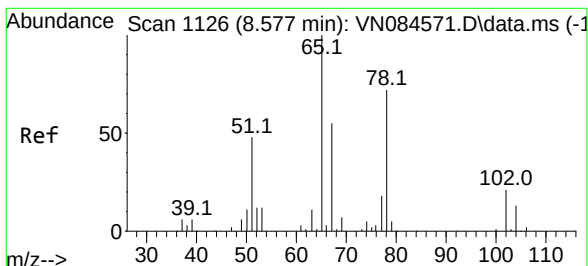
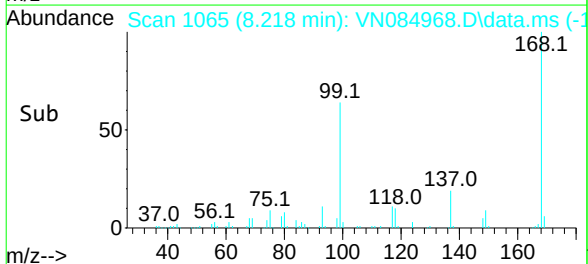
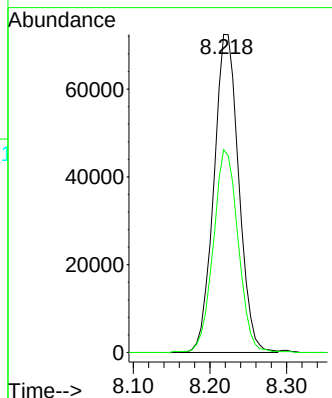


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084968.D
Acq: 20 Nov 2024 14:57

Instrument :
MSVOA_N
ClientSampleId :
MW-1

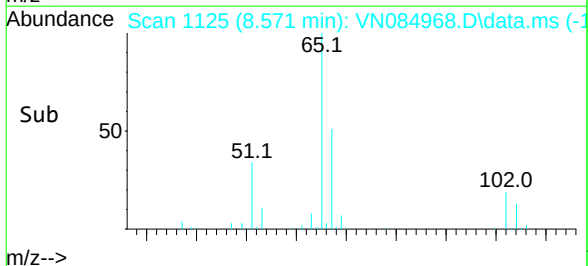
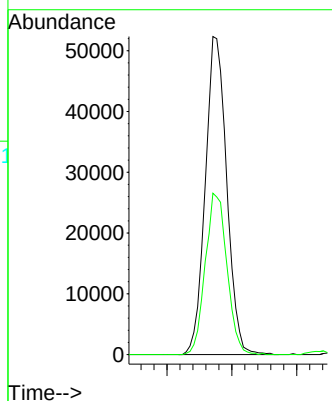
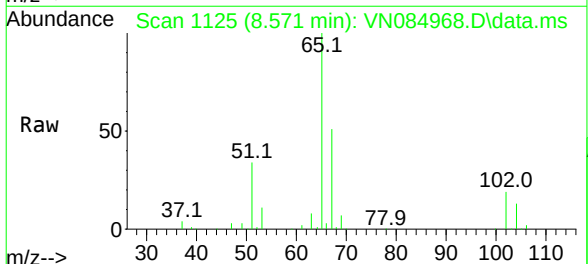


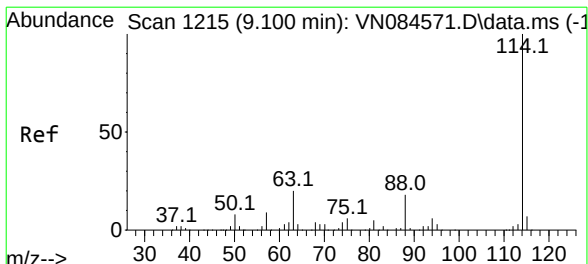
Tgt Ion:168 Resp: 163240
Ion Ratio Lower Upper
168 100
99 63.5 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 50.919 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084968.D
Acq: 20 Nov 2024 14:57

Tgt Ion: 65 Resp: 120053
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.0

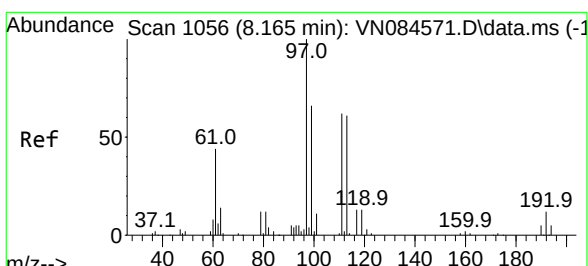
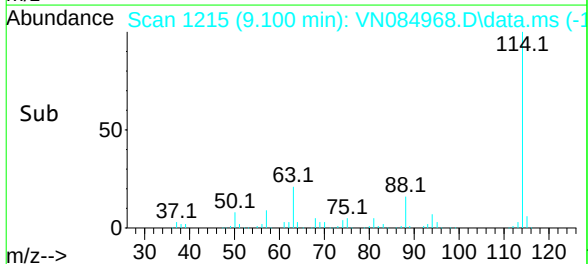
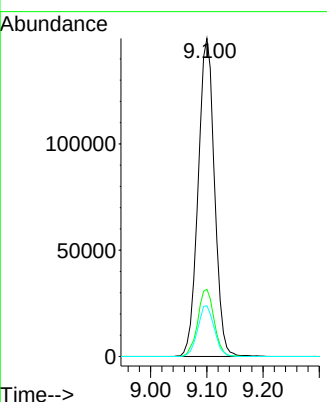
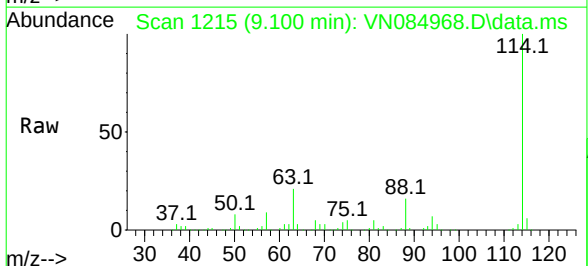




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084968.D
 Acq: 20 Nov 2024 14:57

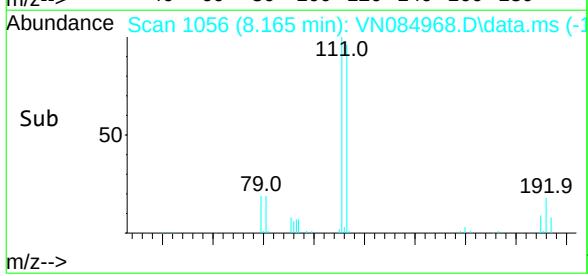
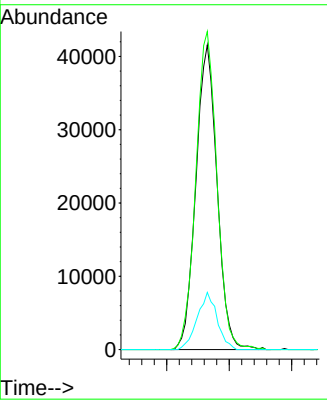
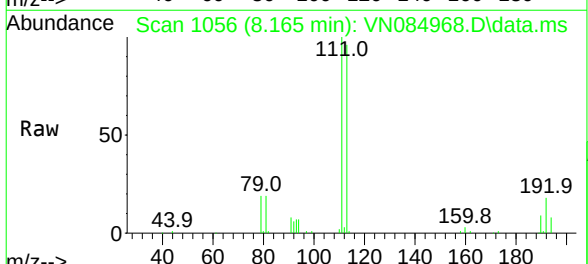
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

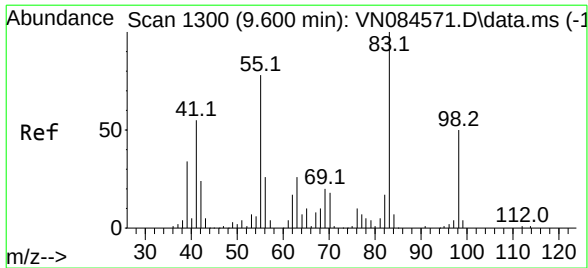
Tgt Ion:	114	Resp:	302606
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.8
88	16.0	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 47.813 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084968.D
 Acq: 20 Nov 2024 14:57

Tgt Ion:	113	Resp:	97935
Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.3	124.9
192	17.6	13.5	20.3

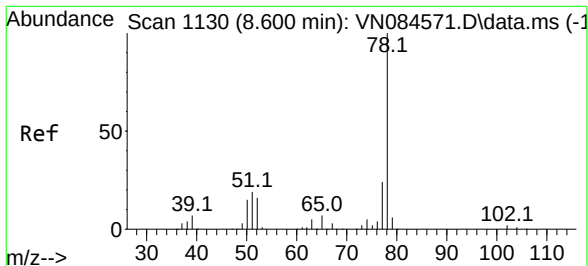
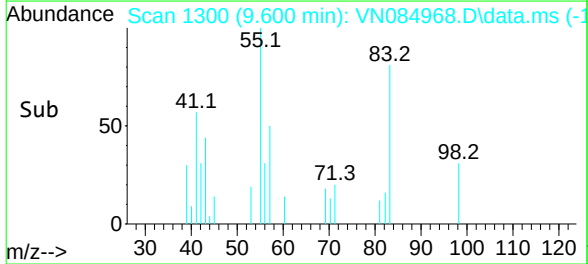
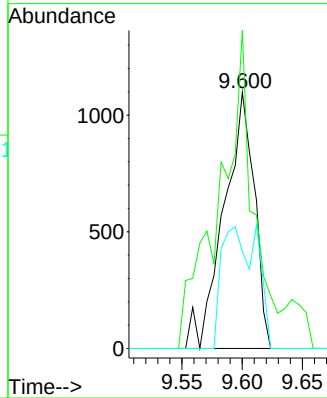
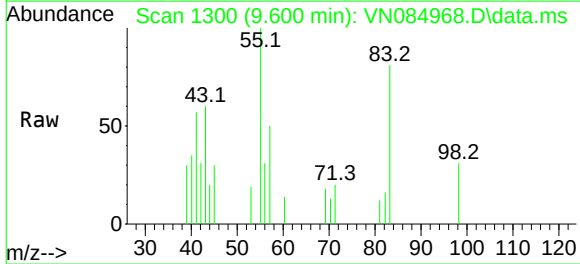




#39
Methylcyclohexane
Concen: 0.667 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084968.D
Acq: 20 Nov 2024 14:57

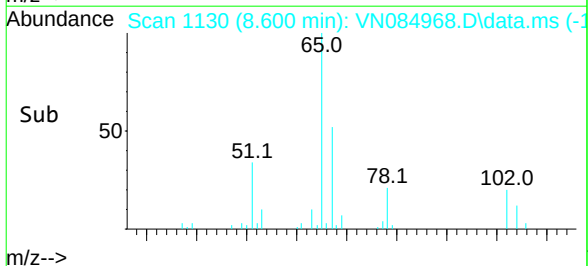
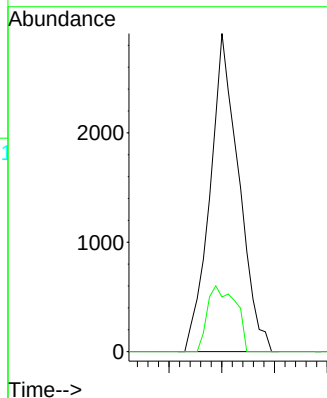
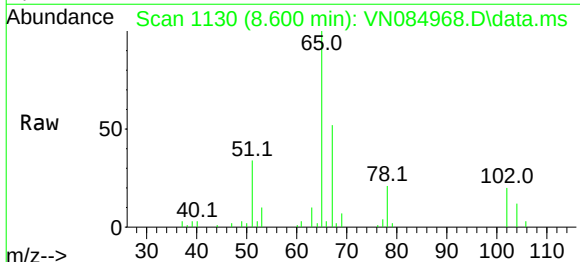
Instrument :
MSVOA_N
ClientSampleId :
MW-1

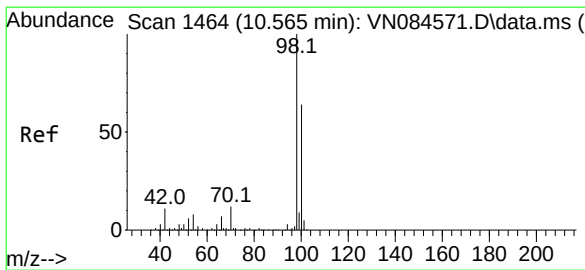
Tgt Ion	Ratio	Lower	Upper
83	100		
55	124.1	62.8	94.2#
98	38.0	38.8	58.2#



#40
Benzene
Concen: 0.605 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084968.D
Acq: 20 Nov 2024 14:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	17.2	19.1	28.7#





#50

Toluene-d8

Concen: 45.262 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084968.D

Acq: 20 Nov 2024 14:57

Instrument :

MSVOA_N

ClientSampleId :

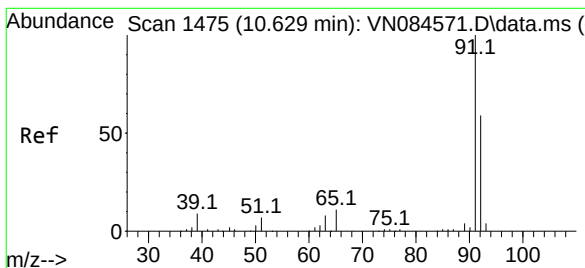
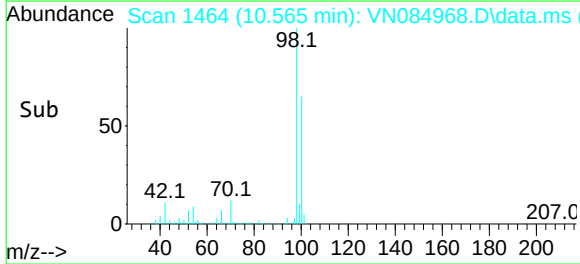
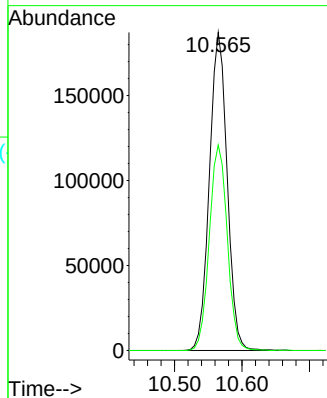
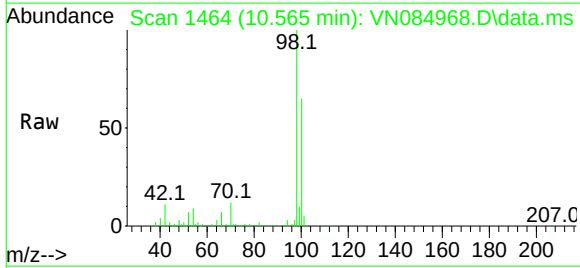
MW-1

Tgt Ion: 98 Resp: 341514

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1



#52

Toluene

Concen: 11.164 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN084968.D

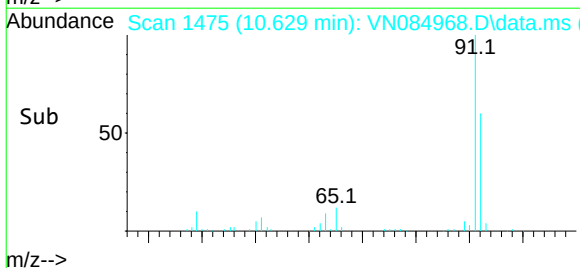
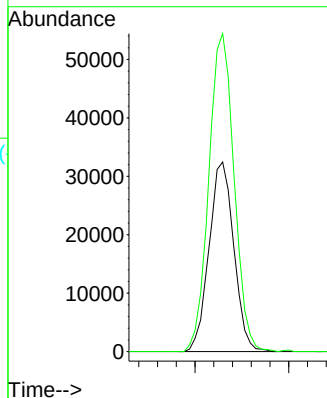
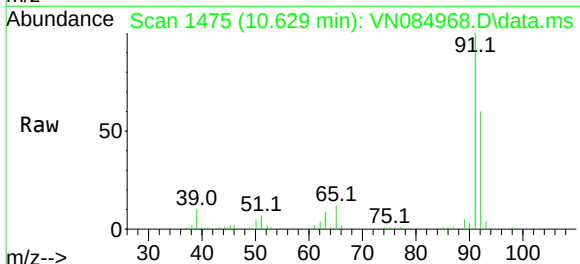
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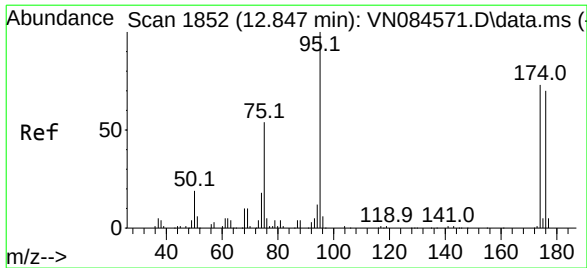
Tgt Ion: 92 Resp: 59567

Ion Ratio Lower Upper

92 100

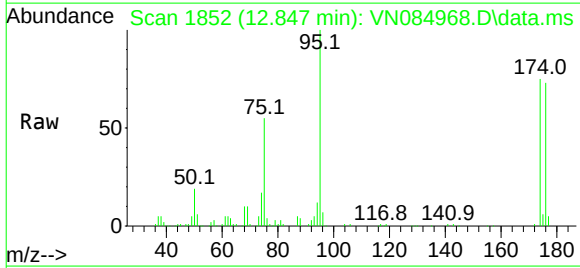
91 170.9 137.3 205.9



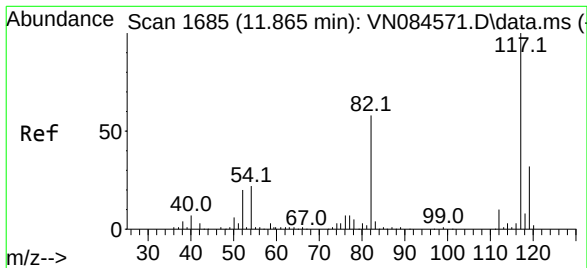
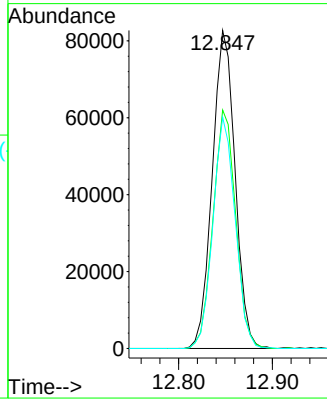
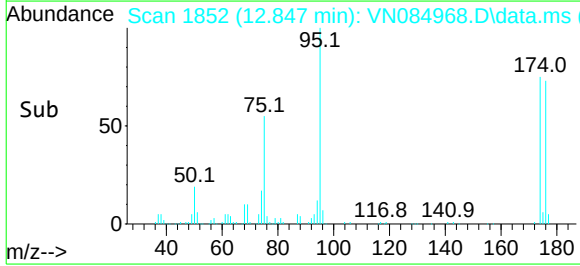


#62
4-Bromofluorobenzene
Concen: 49.484 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084968.D
Acq: 20 Nov 2024 14:57

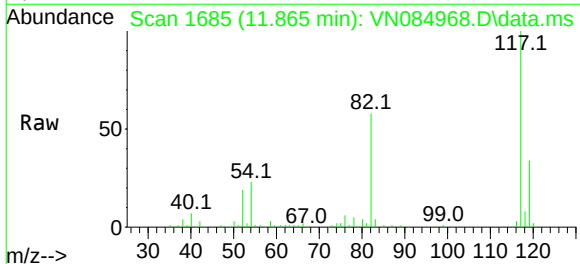
Instrument :
MSVOA_N
ClientSampleId :
MW-1



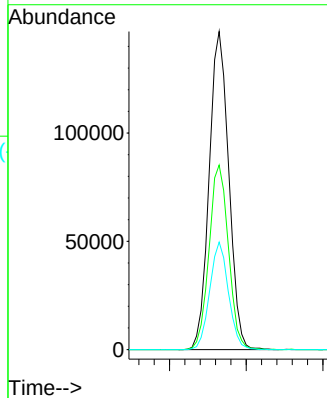
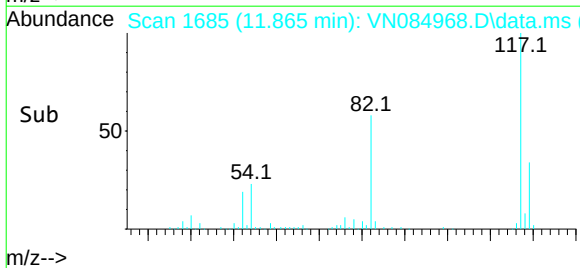
Tgt Ion: 95 Resp: 139540
Ion Ratio Lower Upper
95 100
174 74.5 0.0 145.2
176 71.2 0.0 140.0

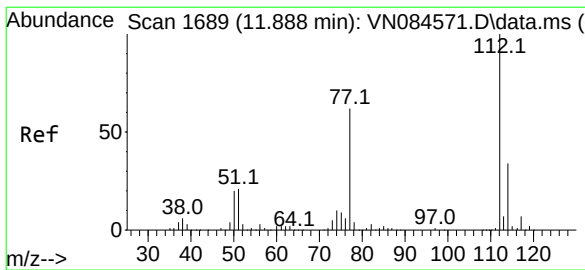


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084968.D
Acq: 20 Nov 2024 14:57



Tgt Ion: 117 Resp: 260578
Ion Ratio Lower Upper
117 100
82 58.0 47.2 70.8
119 33.8 25.4 38.0

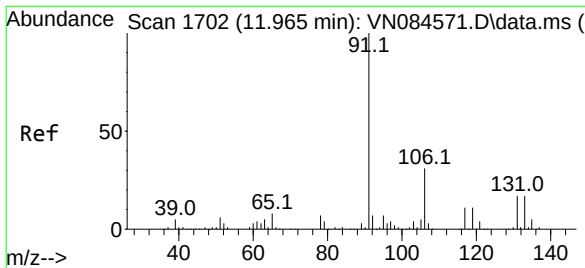
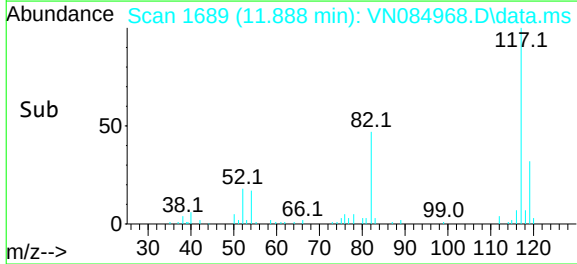
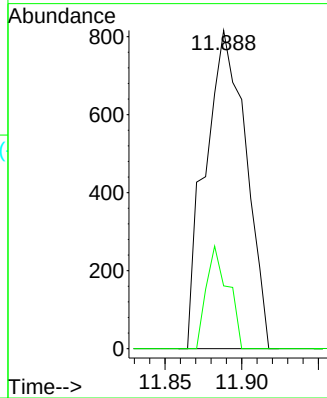
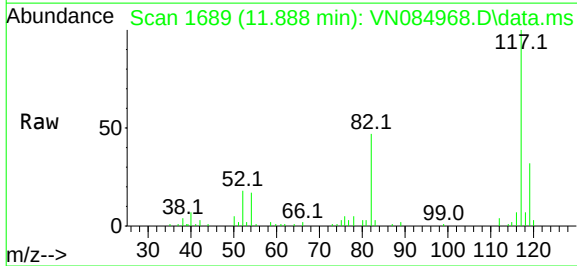




#65
Chlorobenzene
Concen: 0.257 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084968.D
Acq: 20 Nov 2024 14:57

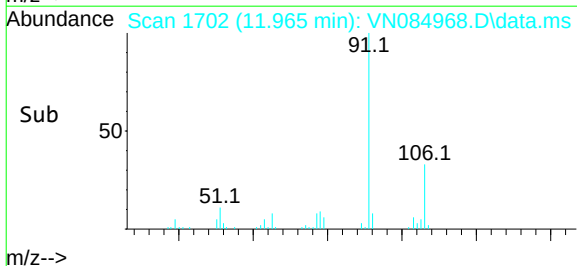
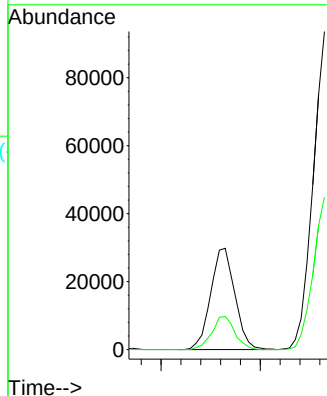
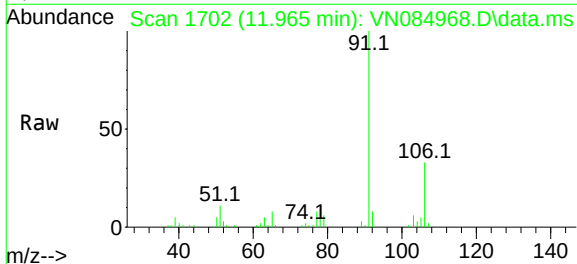
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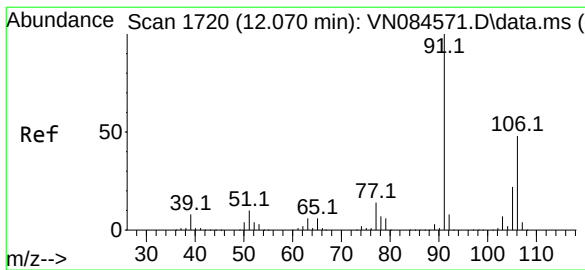
Tgt Ion: 112 Resp: 1501
Ion Ratio Lower Upper
112 100
114 19.7 27.0 40.6#



#67
Ethyl Benzene
Concen: 5.203 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084968.D
Acq: 20 Nov 2024 14:57

Tgt Ion: 91 Resp: 50631
Ion Ratio Lower Upper
91 100
106 32.8 24.5 36.7

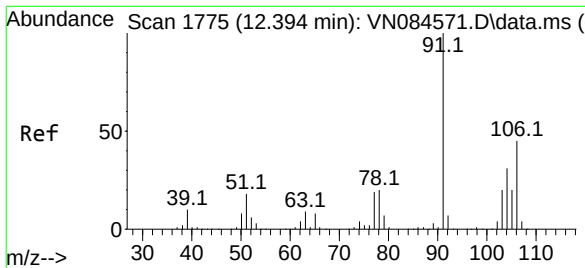
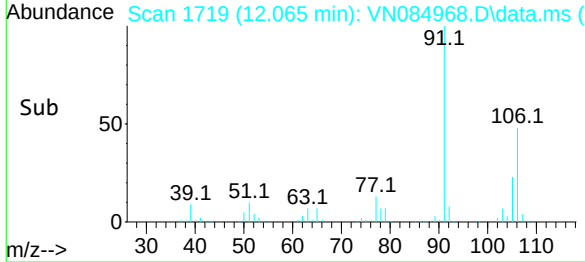
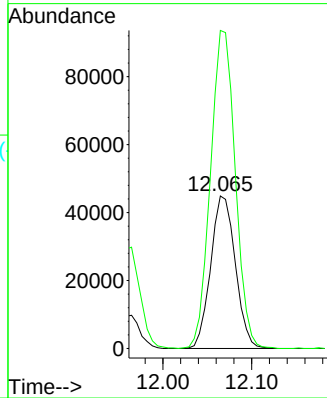
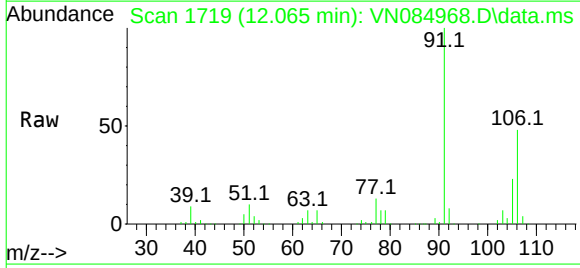




#68
m/p-Xylenes
Concen: 23.469 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084968.D
Acq: 20 Nov 2024 14:57

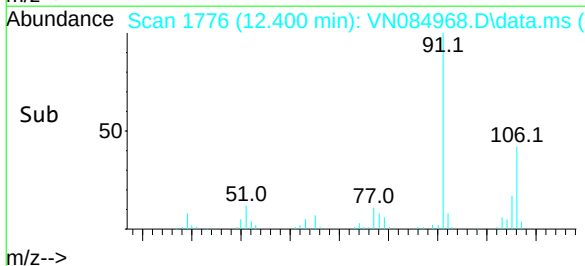
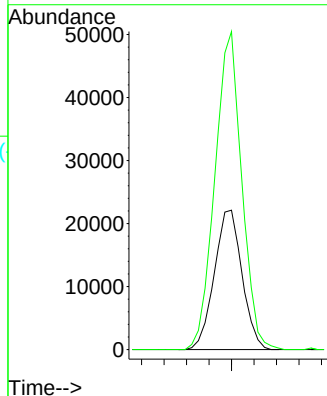
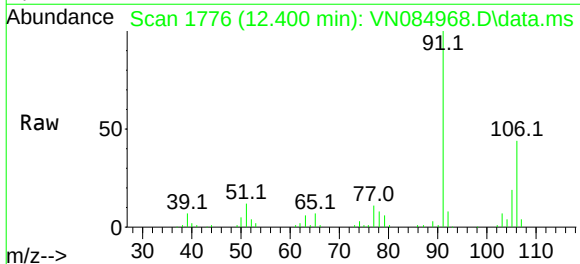
Instrument :
MSVOA_N
ClientSampleId :
MW-1

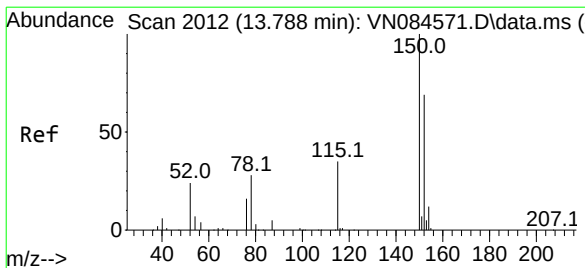
Tgt Ion:106 Resp: 86461
Ion Ratio Lower Upper
106 100
91 210.0 167.1 250.7



#69
o-Xylene
Concen: 10.980 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084968.D
Acq: 20 Nov 2024 14:57

Tgt Ion:106 Resp: 37841
Ion Ratio Lower Upper
106 100
91 221.1 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN084968.D

Acq: 20 Nov 2024 14:57

Instrument :

MSVOA_N

ClientSampleId :

MW-1

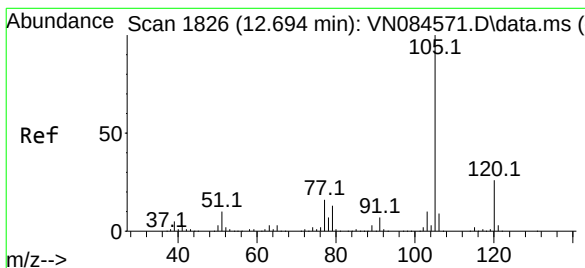
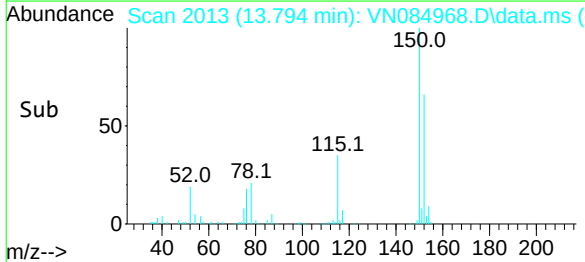
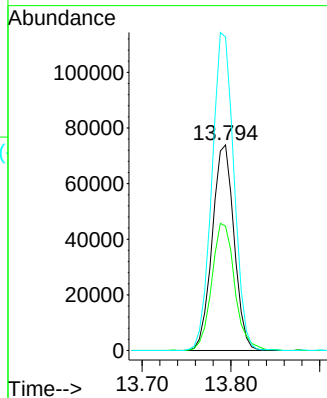
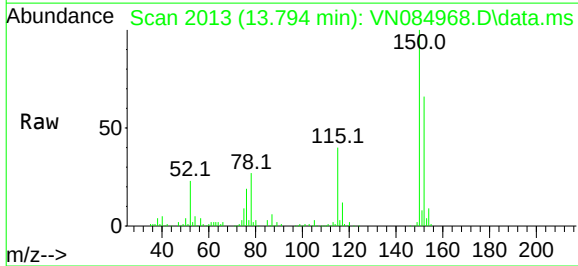
Tgt Ion:152 Resp: 126197

Ion Ratio Lower Upper

152 100

115 65.1 31.3 93.9

150 156.0 0.0 349.8



#73

Isopropylbenzene

Concen: 2.199 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084968.D

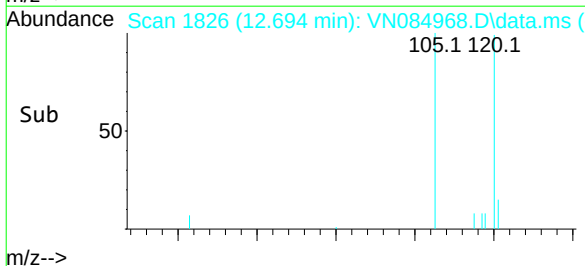
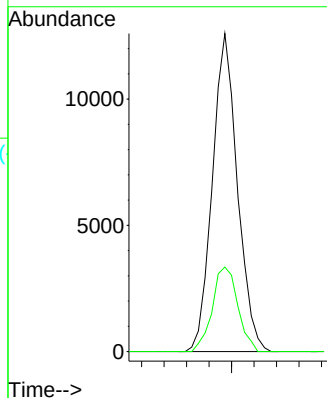
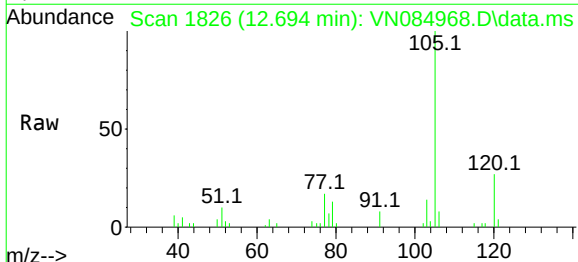
Acq: 20 Nov 2024 14:57

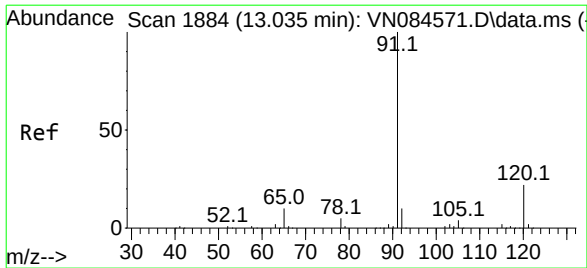
Tgt Ion:105 Resp: 19447

Ion Ratio Lower Upper

105 100

120 27.1 12.9 38.7

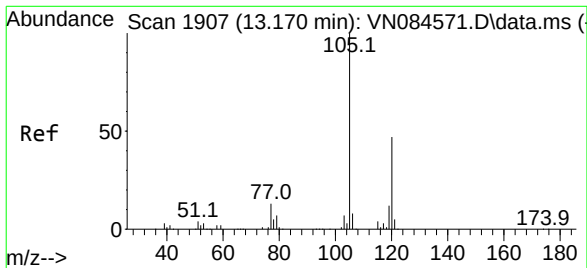
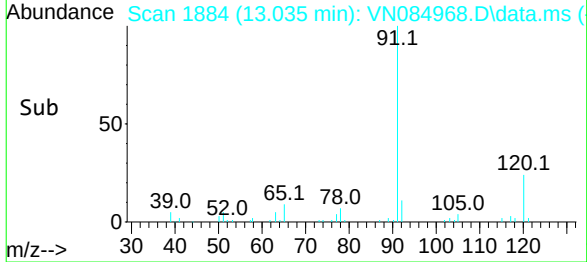
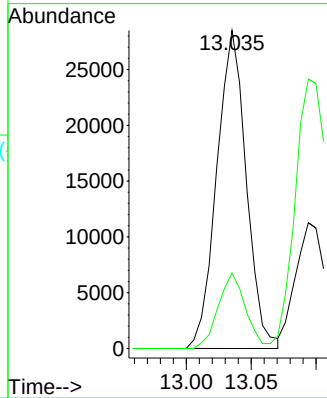
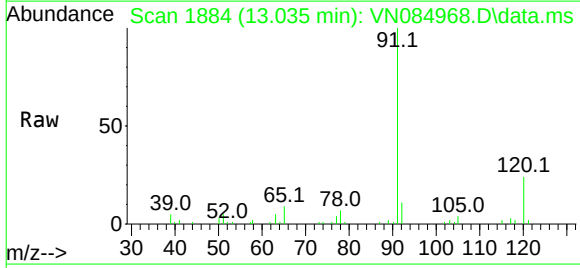




#78
n-propylbenzene
Concen: 4.352 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084968.D
Acq: 20 Nov 2024 14:57

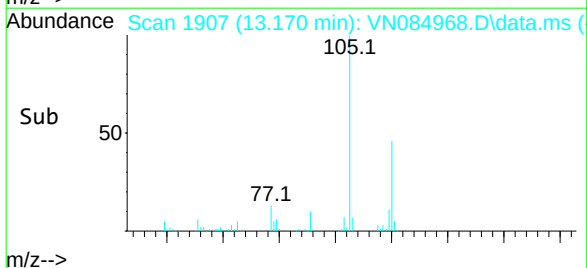
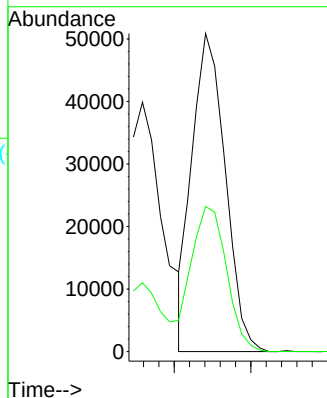
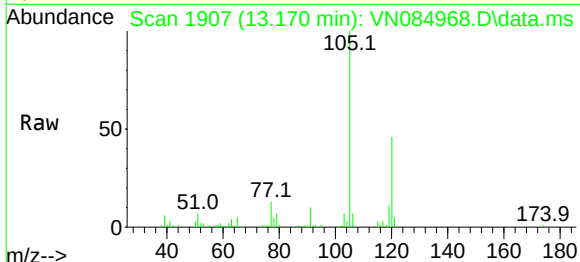
Instrument :
MSVOA_N
ClientSampleId :
MW-1

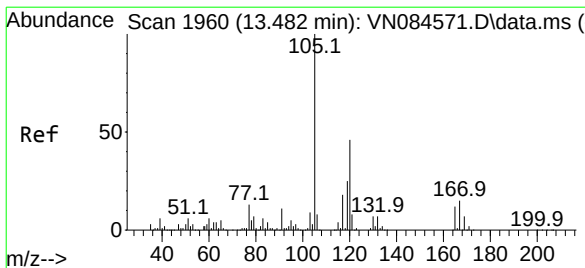
Tgt Ion: 91 Resp: 45100
Ion Ratio Lower Upper
91 100
120 22.1 10.8 32.4



#80
1,3,5-Trimethylbenzene
Concen: 10.424 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084968.D
Acq: 20 Nov 2024 14:57

Tgt Ion:105 Resp: 76404
Ion Ratio Lower Upper
105 100
120 50.1 23.7 71.1





#84

1,2,4-Trimethylbenzene

Concen: 40.012 ug/l

RT: 13.482 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN084968.D

Acq: 20 Nov 2024 14:57

Instrument :

MSVOA_N

ClientSampleId :

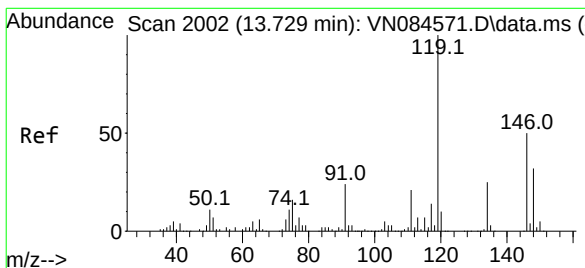
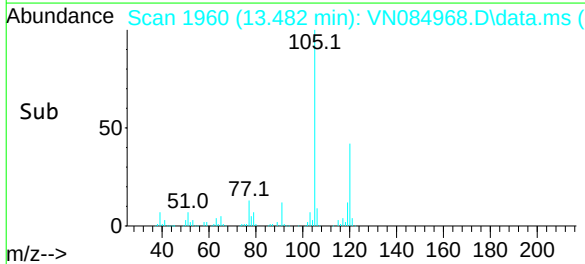
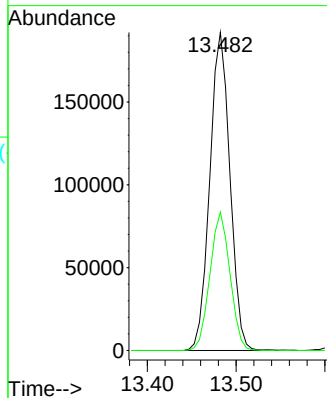
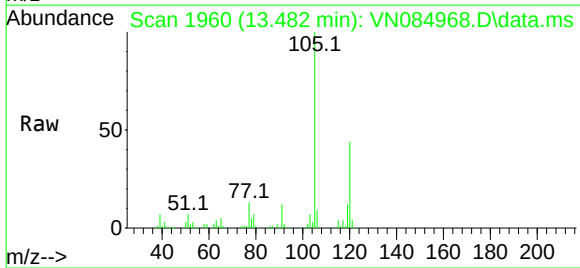
MW-1

Tgt Ion:105 Resp: 302688

Ion Ratio Lower Upper

105 100

120 43.2 22.3 66.8



#87

1,3-Dichlorobenzene

Concen: 0.261 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084968.D

Acq: 20 Nov 2024 14:57

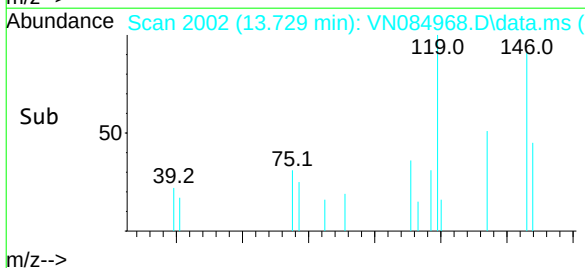
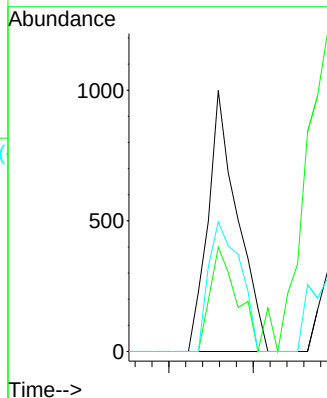
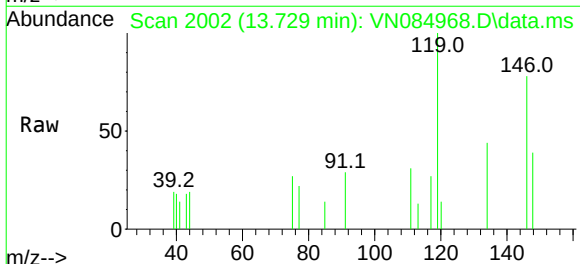
Tgt Ion:146 Resp: 1212

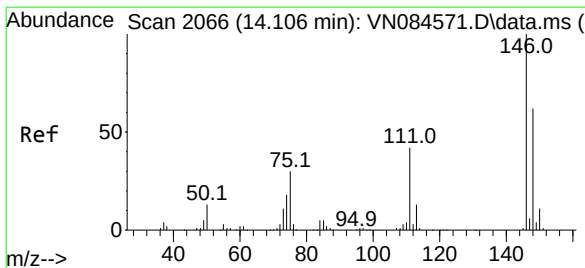
Ion Ratio Lower Upper

146 100

111 36.6 21.8 65.3

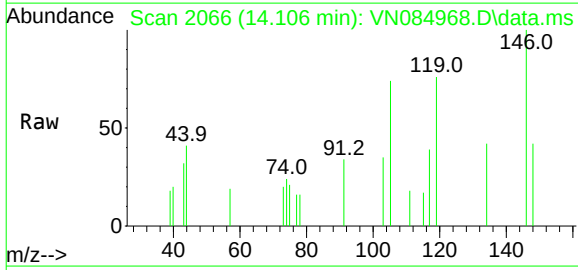
148 53.1 31.9 95.7



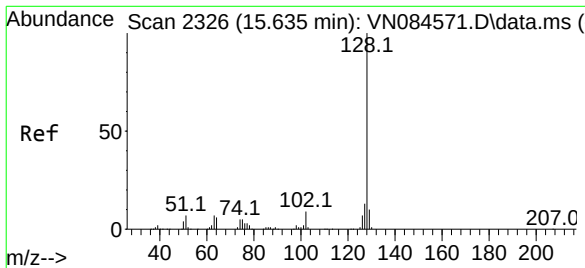
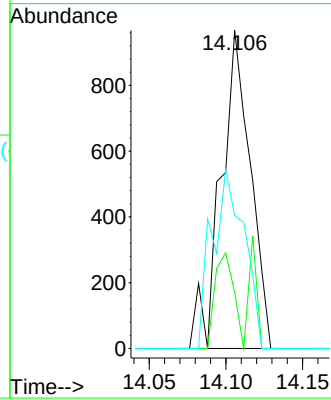
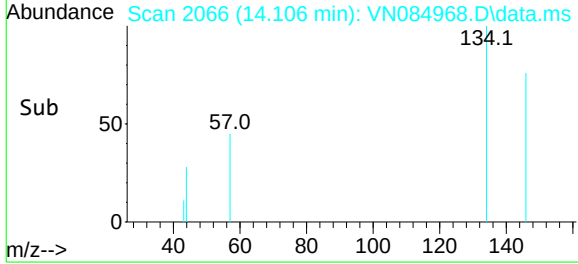


#91
1,2-Dichlorobenzene
Concen: 0.290 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084968.D
Acq: 20 Nov 2024 14:57

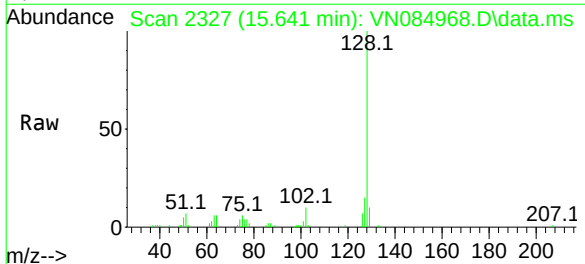
Instrument :
MSVOA_N
ClientSampleId :
MW-1



Tgt Ion:146 Resp: 1293
Ion Ratio Lower Upper
146 100
111 19.3 22.0 66.0#
148 61.1 32.1 96.3



#95
Naphthalene
Concen: 8.296 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084968.D
Acq: 20 Nov 2024 14:57



Tgt Ion:128 Resp: 60596
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 11.0 8.7 13.1

