

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084801.D
 Acq On : 12 Nov 2024 17:13
 Operator : JC\MD
 Sample : P4799-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-TA1-01-G

Quant Time: Nov 13 02:33:16 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)

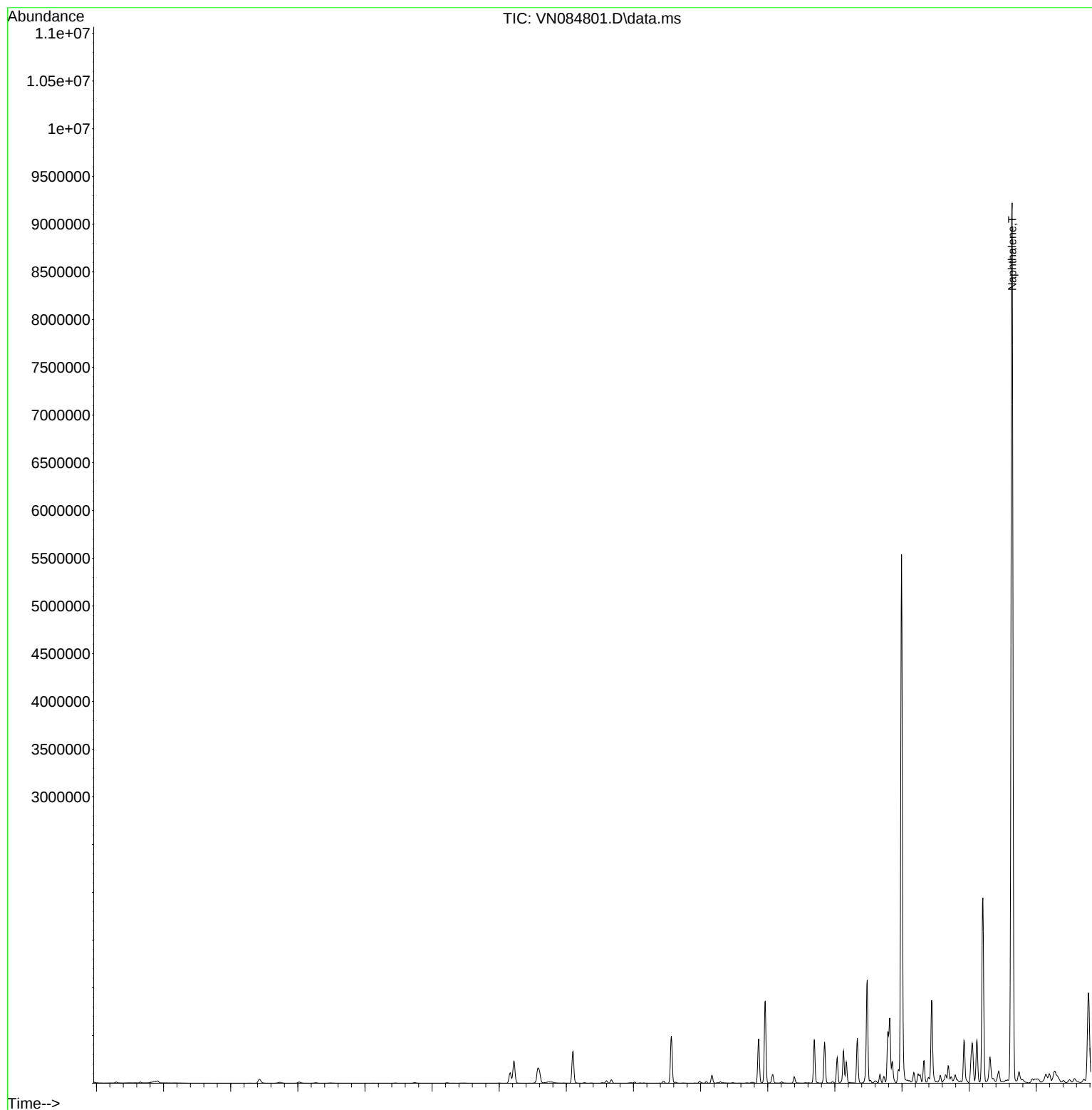
Internal Standards						
1) Pentafluorobenzene	8.224	168	169069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115886	47.457	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.920%		
35) Dibromofluoromethane	8.159	113	79326	40.743	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	81.480%		
50) Toluene-d8	10.565	98	342542	47.761	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.520%		
62) 4-Bromofluorobenzene	12.847	95	151733	56.608	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	113.220%		
Target Compounds						
16) Acetone	4.430	43	79666	111.359	ug/l	97
18) Methyl Acetate	5.018	43	25490	6.413	ug/l	97
20) Methylene Chloride	5.265	84	4274	1.990	ug/l #	71
39) Methylcyclohexane	9.594	83	4208	1.532	ug/l	97
40) Benzene	8.600	78	102118	11.776	ug/l	98
67) Ethyl Benzene	11.965	91	649449	65.282	ug/l	98
68) m/p-Xylenes	12.076	106	28794	7.645	ug/l	95
69) o-Xylene	12.394	106	17362	4.928	ug/l	93
73) Isopropylbenzene	12.694	105	294464	29.716	ug/l	99
78) n-propylbenzene	13.035	91	205958	17.736	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	114592	13.952	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	626172	73.870	ug/l	99
95) Naphthalene	15.641	128	8746118	1068.596	ug/l	100

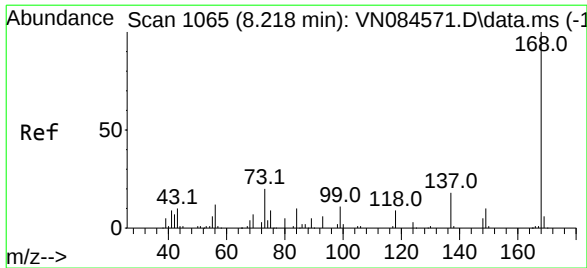
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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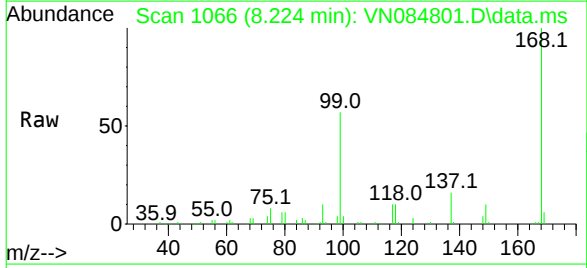
Quant Time: Nov 13 02:33:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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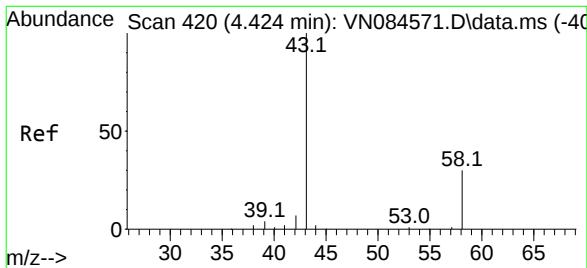
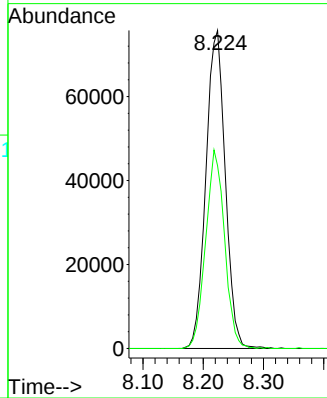
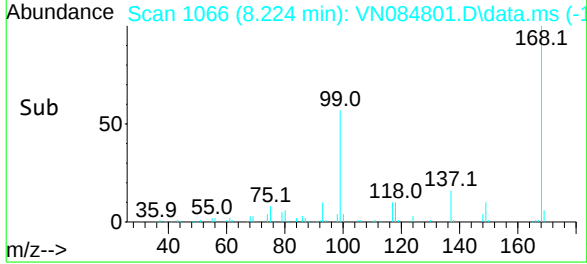


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
WC-TA1-01-G

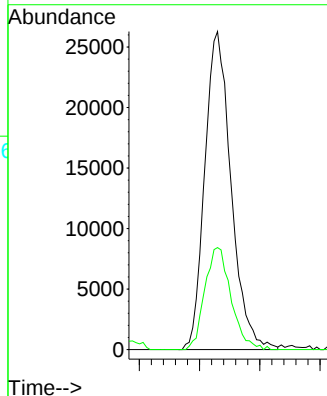
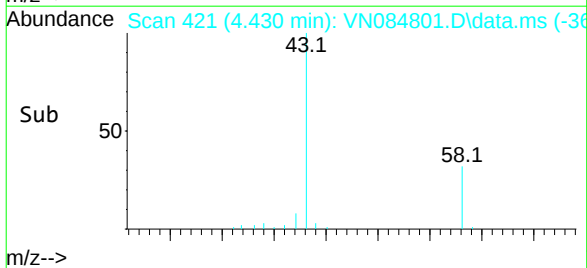
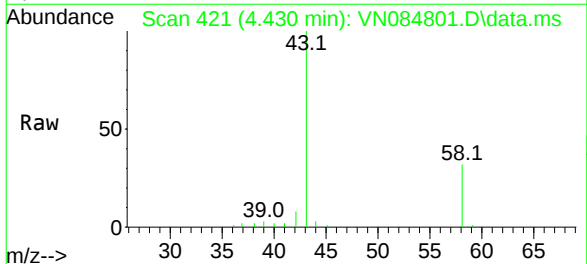


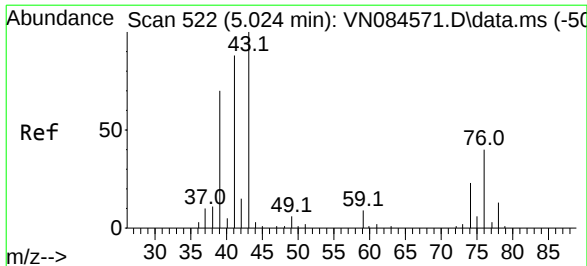
Tgt Ion:168 Resp: 169069
Ion Ratio Lower Upper
168 100
99 57.5 54.2 81.2



#16
Acetone
Concen: 111.359 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Tgt Ion: 43 Resp: 79666
Ion Ratio Lower Upper
43 100
58 32.1 24.4 36.6

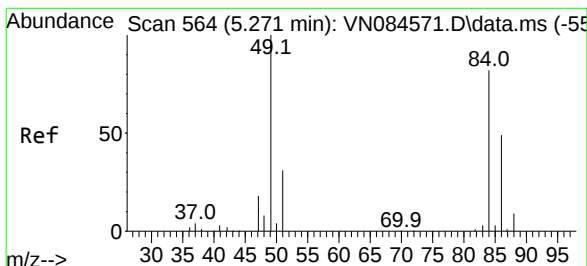
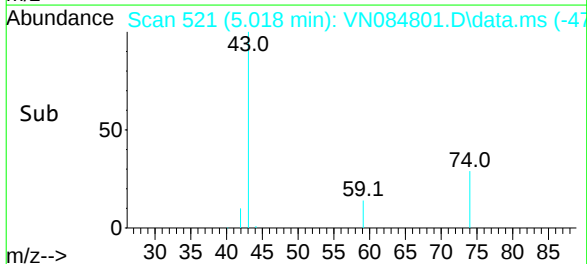
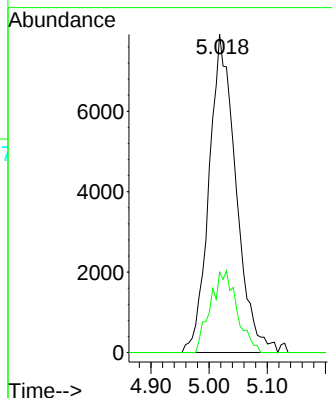
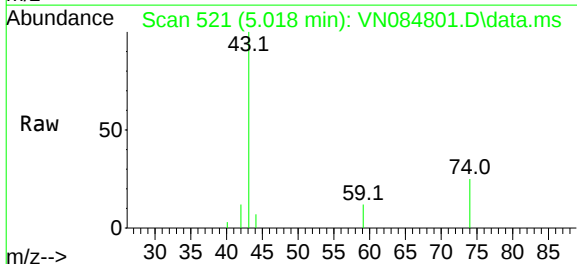




#18
Methyl Acetate
Concen: 6.413 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

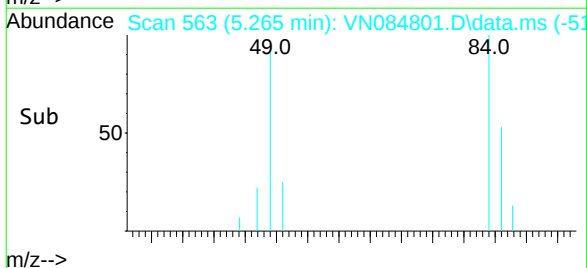
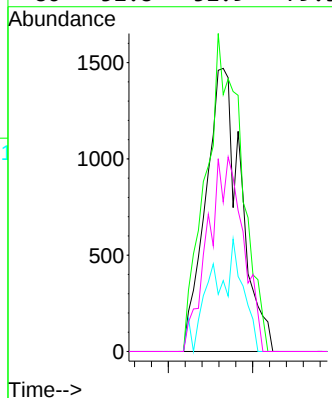
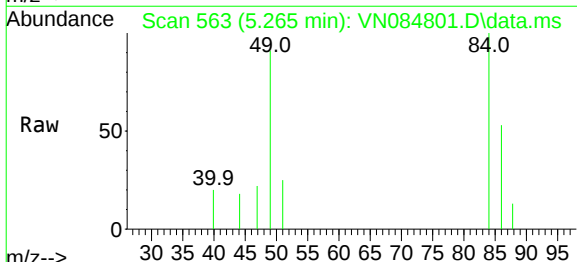
Instrument :
MSVOA_N
ClientSampleId :
WC-TA1-01-G

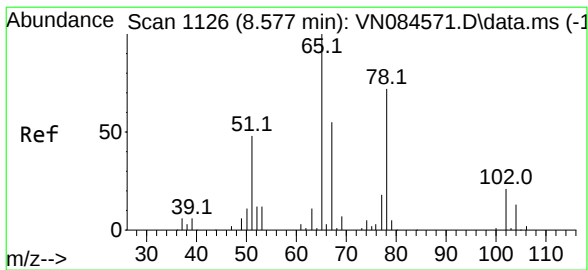
Tgt Ion: 43 Resp: 25490
Ion Ratio Lower Upper
43 100
74 25.3 19.2 28.8



#20
Methylene Chloride
Concen: 1.990 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Tgt Ion: 84 Resp: 4274
Ion Ratio Lower Upper
84 100
49 90.7 107.2 160.8#
51 25.0 31.8 47.8#
86 52.8 52.9 79.3#



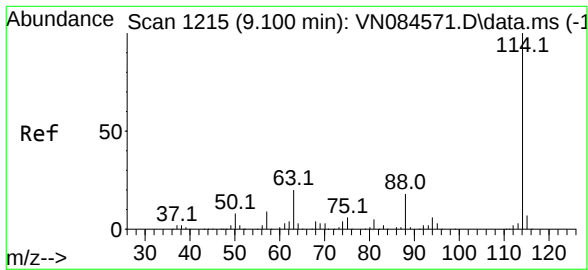
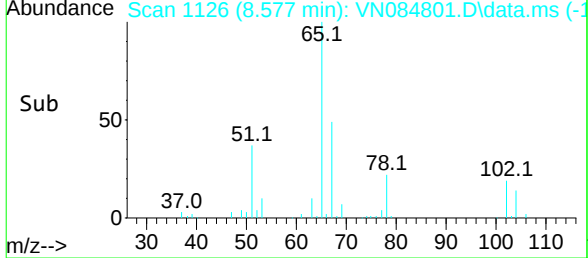
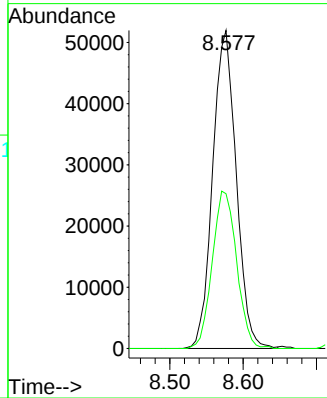
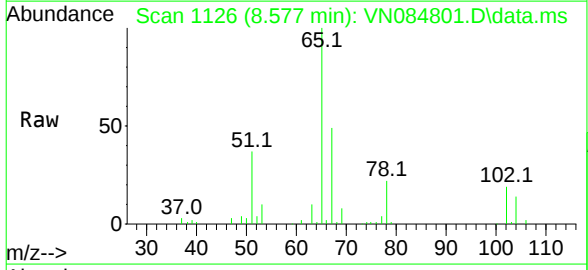


#33
 1,2-Dichloroethane-d4
 Concen: 47.457 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084801.D
 Acq: 12 Nov 2024 17:13

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-TA1-01-G

Tgt Ion: 65 Resp: 115886

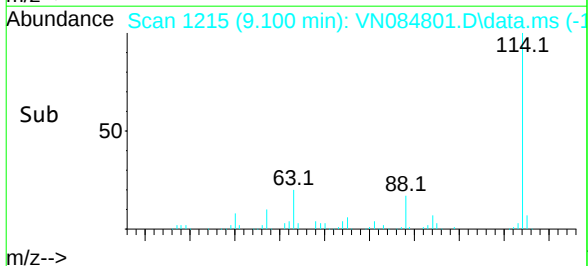
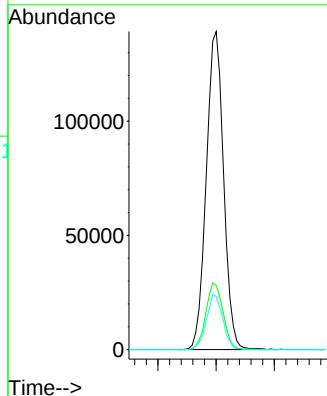
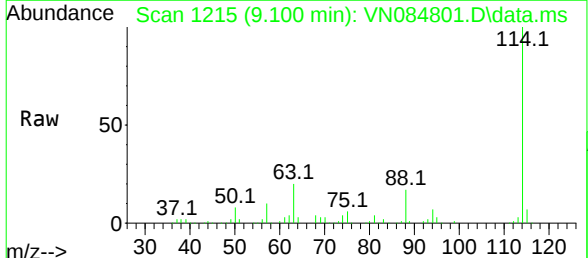
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.0

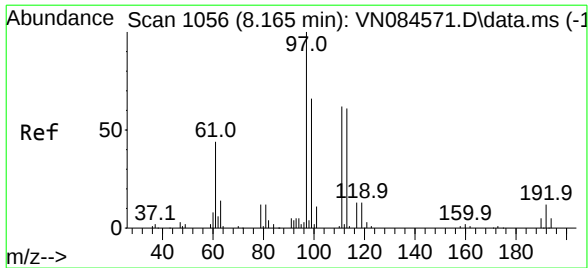


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084801.D
 Acq: 12 Nov 2024 17:13

Tgt Ion: 114 Resp: 287640

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	43.8
88	16.7	0.0	31.6

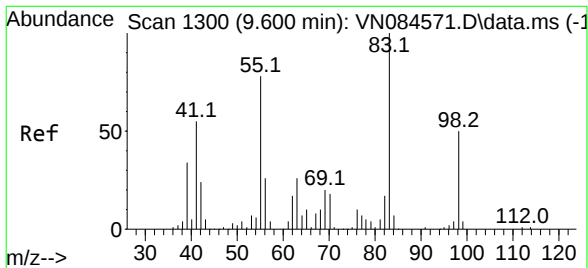
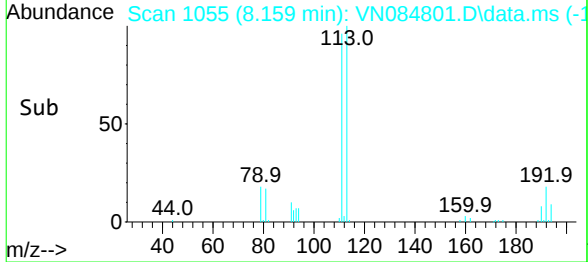
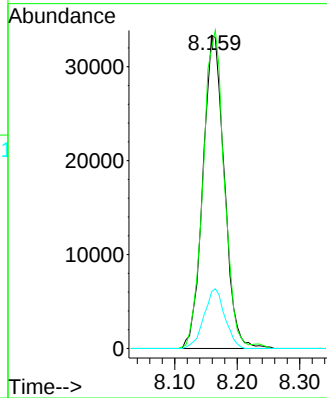
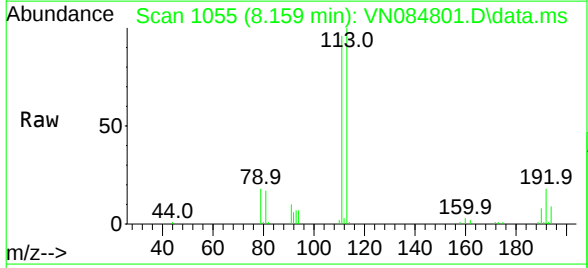




#35
Dibromofluoromethane
Concen: 40.743 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

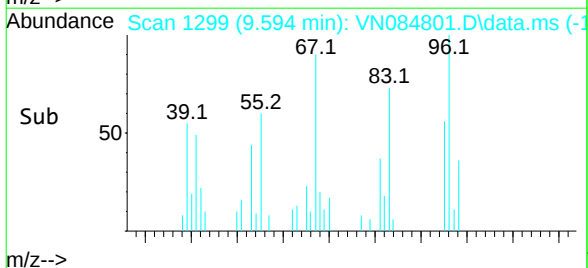
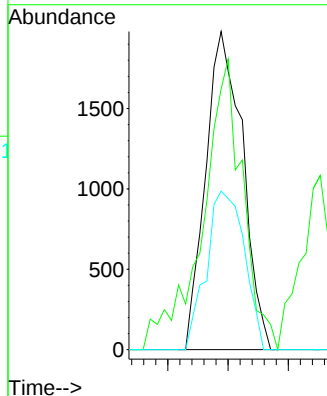
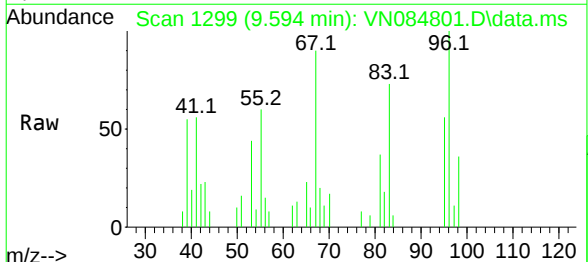
Instrument :
MSVOA_N
ClientSampleId :
WC-TA1-01-G

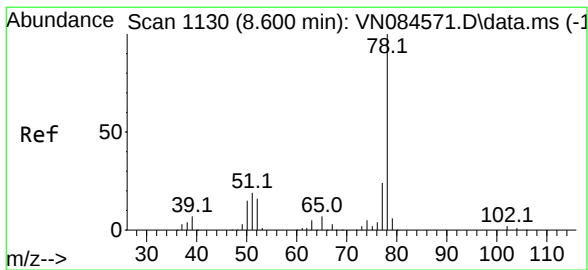
Tgt Ion:	113	Resp:	79326
Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.3	124.9
192	18.5	13.5	20.3



#39
Methylcyclohexane
Concen: 1.532 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Tgt Ion:	83	Resp:	4208
Ion	Ratio	Lower	Upper
83	100		
55	81.9	62.8	94.2
98	49.8	38.8	58.2





#40

Benzene

Concen: 11.776 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

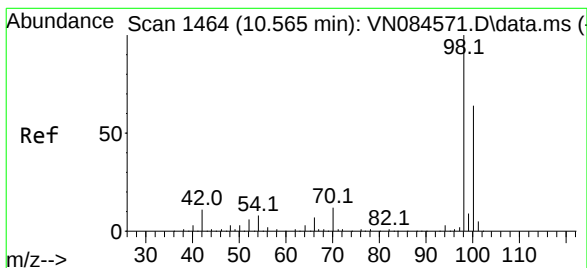
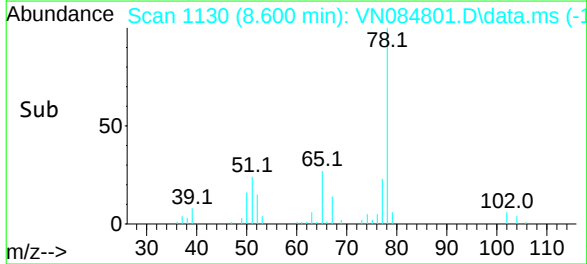
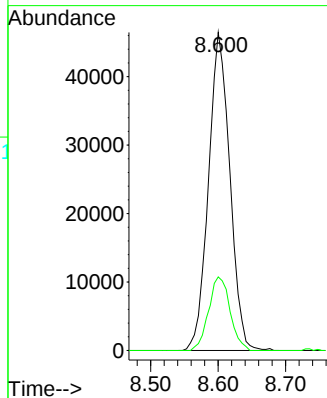
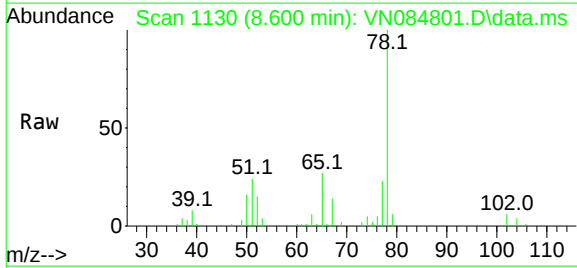
WC-TA1-01-G

Tgt Ion: 78 Resp: 102118

Ion Ratio Lower Upper

78 100

77 23.1 19.1 28.7



#50

Toluene-d8

Concen: 47.761 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084801.D

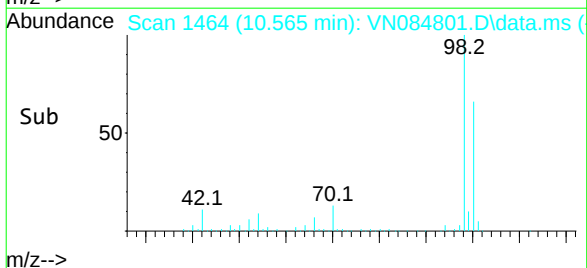
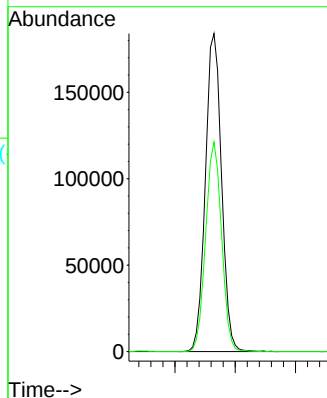
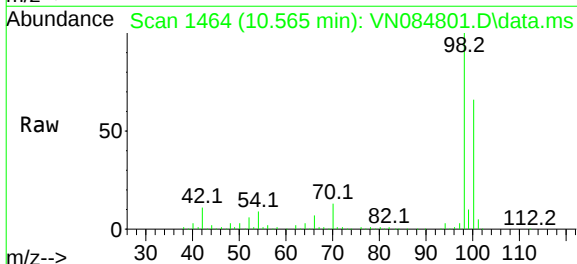
Acq: 12 Nov 2024 17:13

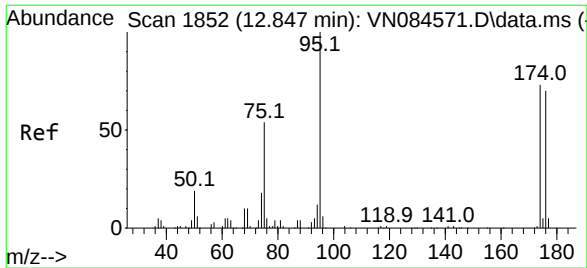
Tgt Ion: 98 Resp: 342542

Ion Ratio Lower Upper

98 100

100 64.9 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 56.608 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN084801.D

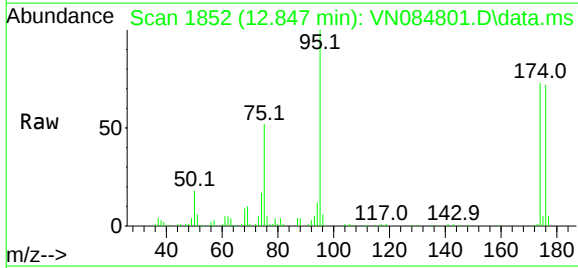
Acq: 12 Nov 2024 17:13

Instrument :

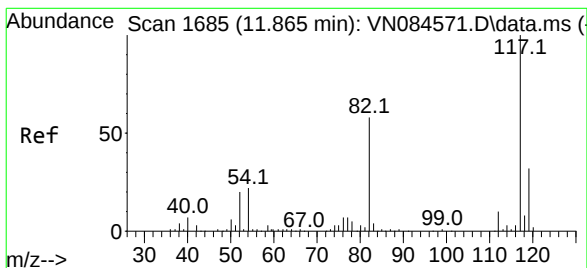
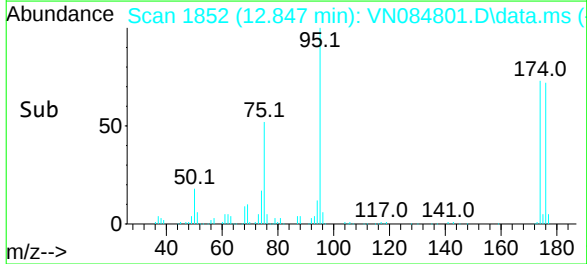
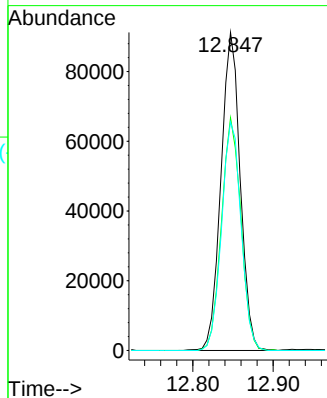
MSVOA_N

ClientSampleId :

WC-TA1-01-G



Tgt Ion:	95	Resp:	151733
Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	145.2
176	72.7	0.0	140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

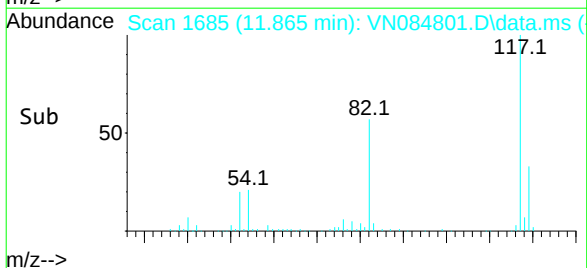
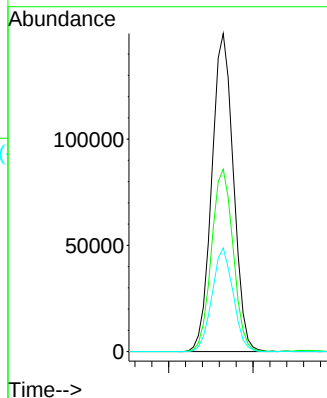
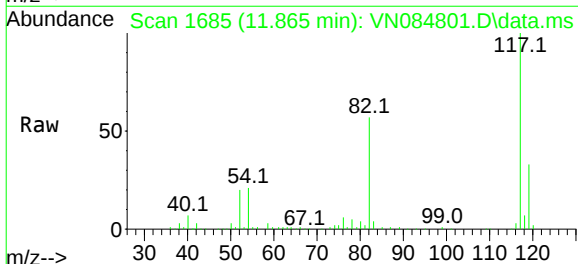
RT: 11.865 min Scan# 1685

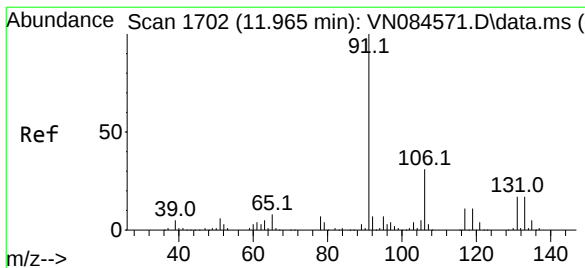
Delta R.T. -0.000 min

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

Tgt Ion:	117	Resp:	266403
Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.2	70.8
119	32.6	25.4	38.0





#67

Ethyl Benzene

Concen: 65.282 ug/l

RT: 11.965 min Scan# 17

Delta R.T. 0.006 min

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

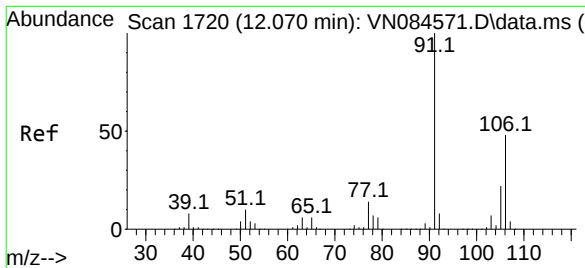
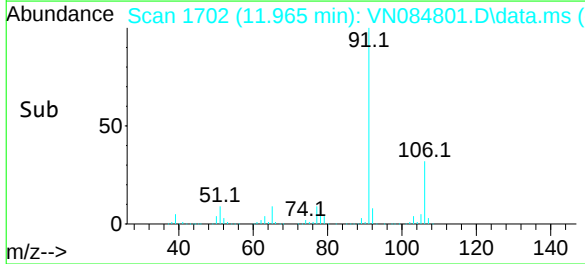
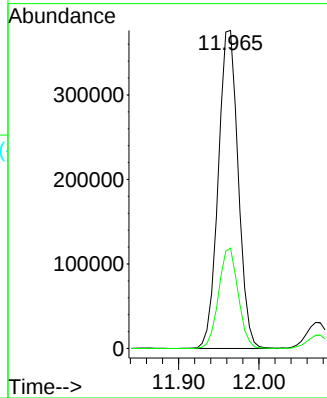
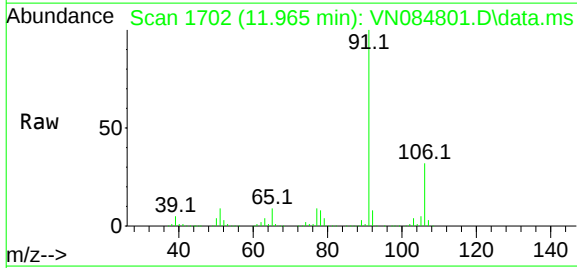
WC-TA1-01-G

Tgt Ion: 91 Resp: 649449

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7



#68

m/p-Xylenes

Concen: 7.645 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN084801.D

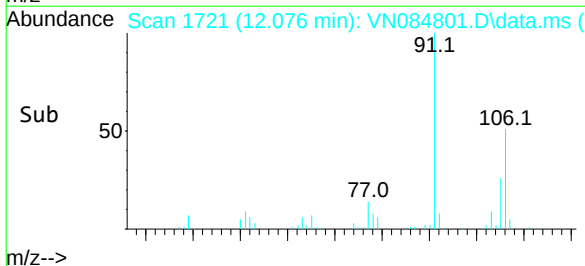
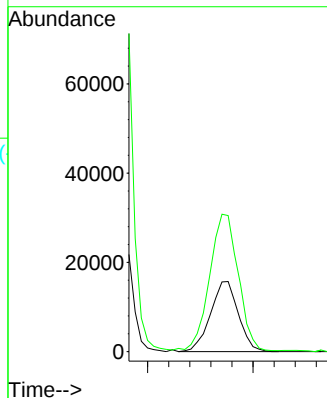
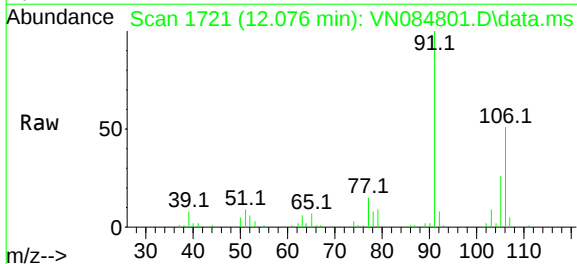
Acq: 12 Nov 2024 17:13

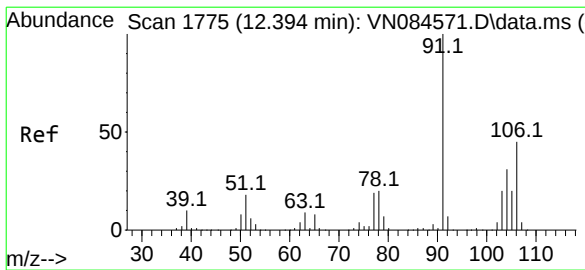
Tgt Ion:106 Resp: 28794

Ion Ratio Lower Upper

106 100

91 200.8 167.1 250.7





#69

o-Xylene

Concen: 4.928 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

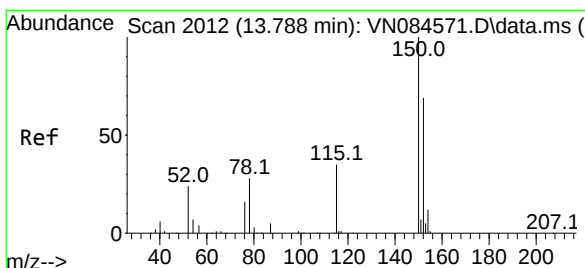
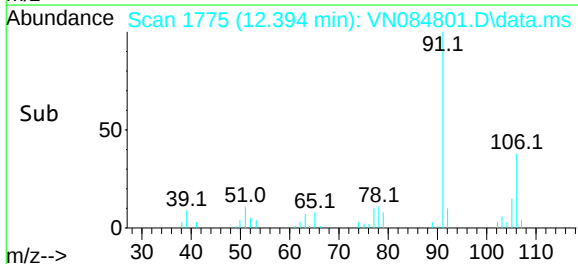
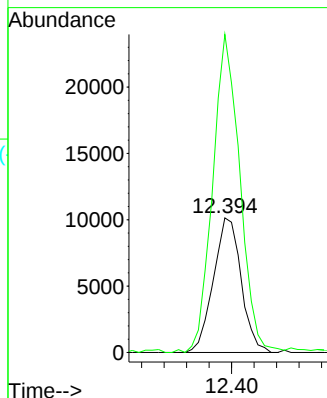
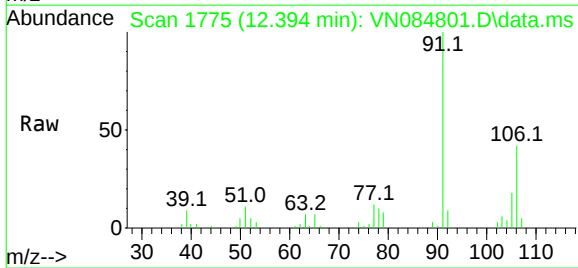
WC-TA1-01-G

Tgt Ion:106 Resp: 17362

Ion Ratio Lower Upper

106 100

91 231.3 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

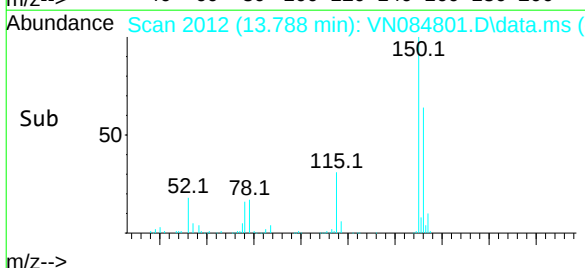
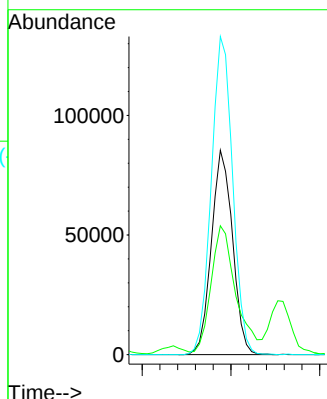
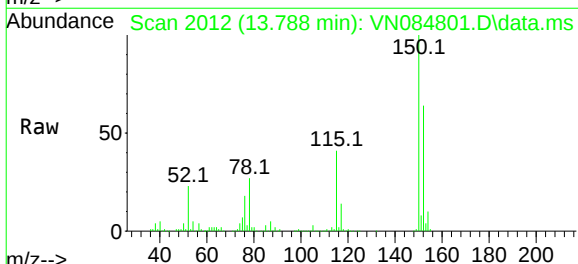
Tgt Ion:152 Resp: 141406

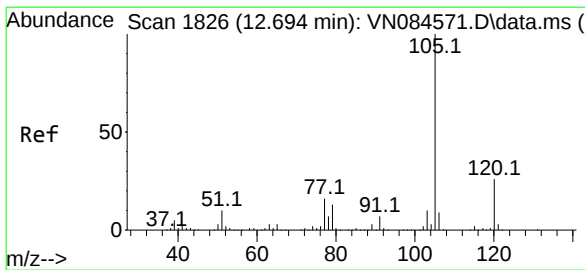
Ion Ratio Lower Upper

152 100

115 70.7 31.3 93.9

150 157.4 0.0 349.8





#73

Isopropylbenzene

Concen: 29.716 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

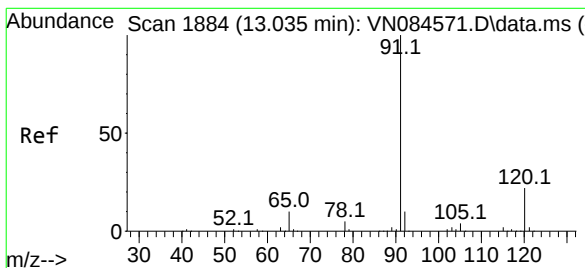
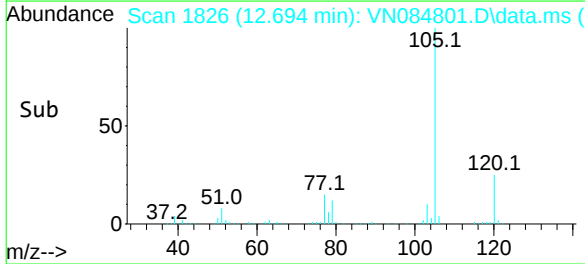
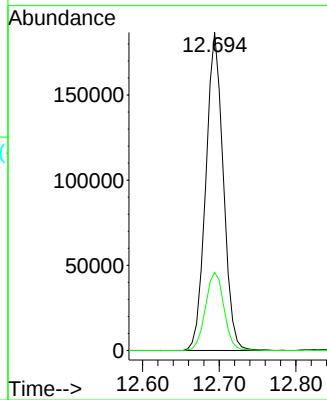
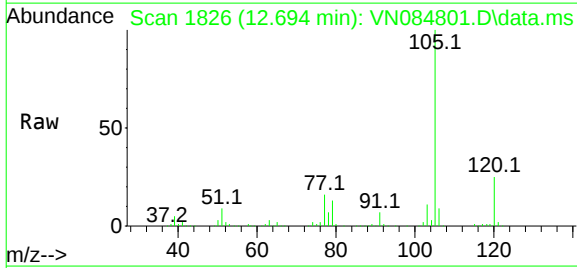
WC-TA1-01-G

Tgt Ion:105 Resp: 294464

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.7



#78

n-propylbenzene

Concen: 17.736 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084801.D

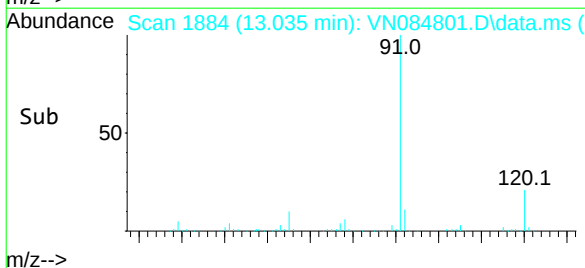
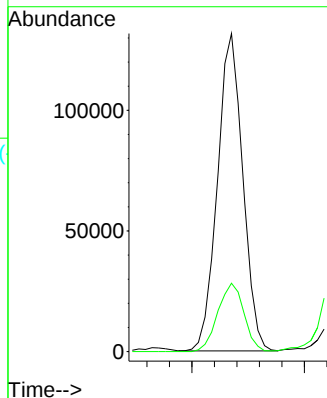
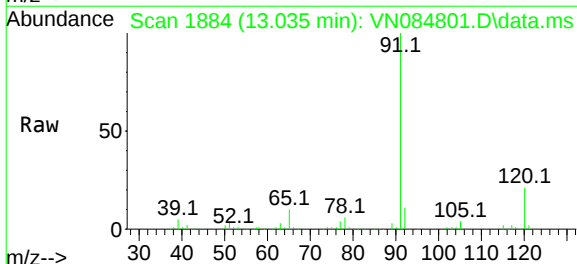
Acq: 12 Nov 2024 17:13

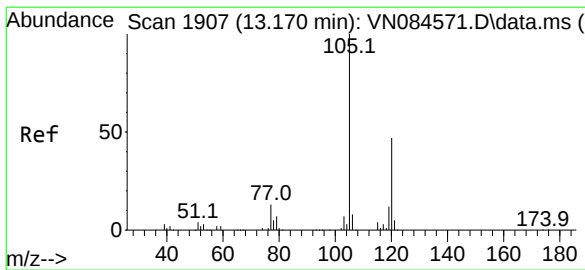
Tgt Ion: 91 Resp: 205958

Ion Ratio Lower Upper

91 100

120 22.2 10.8 32.4

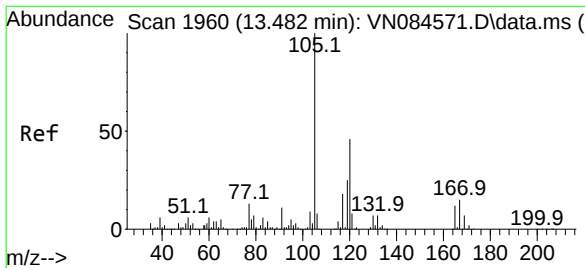
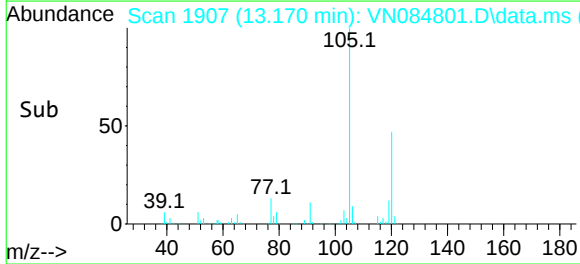
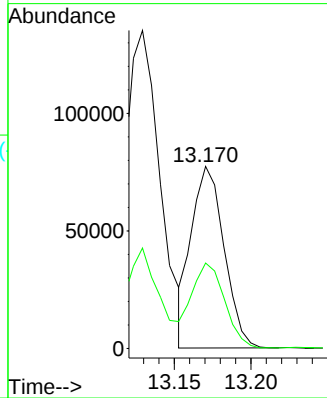
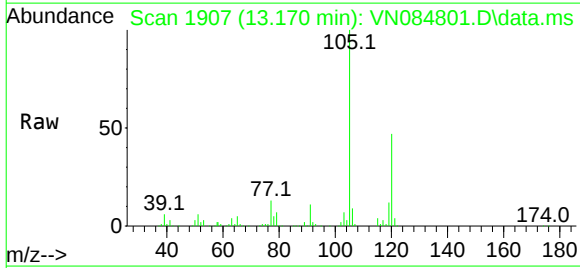




#80
1,3,5-Trimethylbenzene
Concen: 13.952 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

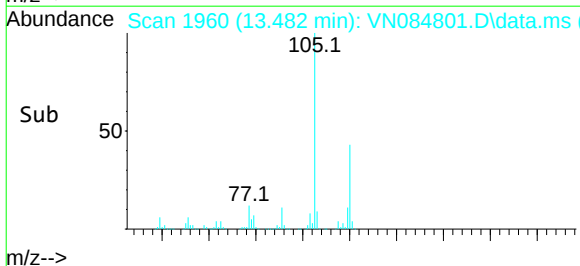
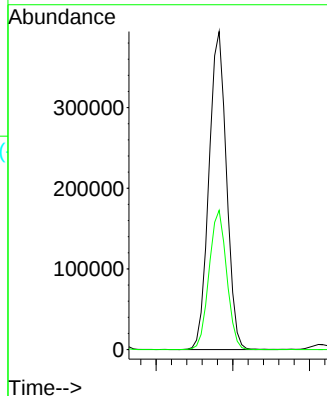
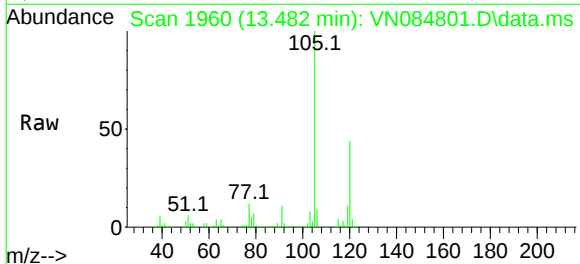
Instrument :
MSVOA_N
ClientSampleId :
WC-TA1-01-G

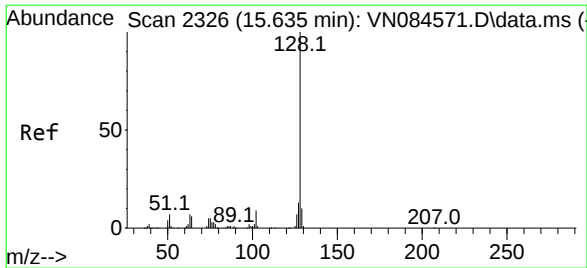
Tgt Ion:105 Resp: 114592
Ion Ratio Lower Upper
105 100
120 47.1 23.7 71.1



#84
1,2,4-Trimethylbenzene
Concen: 73.870 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

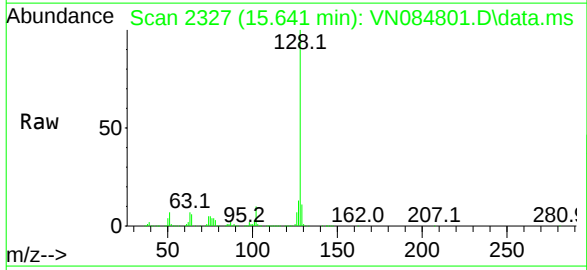
Tgt Ion:105 Resp: 626172
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.8





#95
Naphthalene
Concen: 1068.596 ug/l
RT: 15.641 min Scan# 23
Delta R.T. 0.006 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
WC-TA1-01-G



Tgt Ion:128 Resp: 8746118
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.7 13.1

