

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084837.D
 Acq On : 13 Nov 2024 19:35
 Operator : JC\MD
 Sample : P4799-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-TA1-03-G

Quant Time: Nov 14 00:41:58 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)

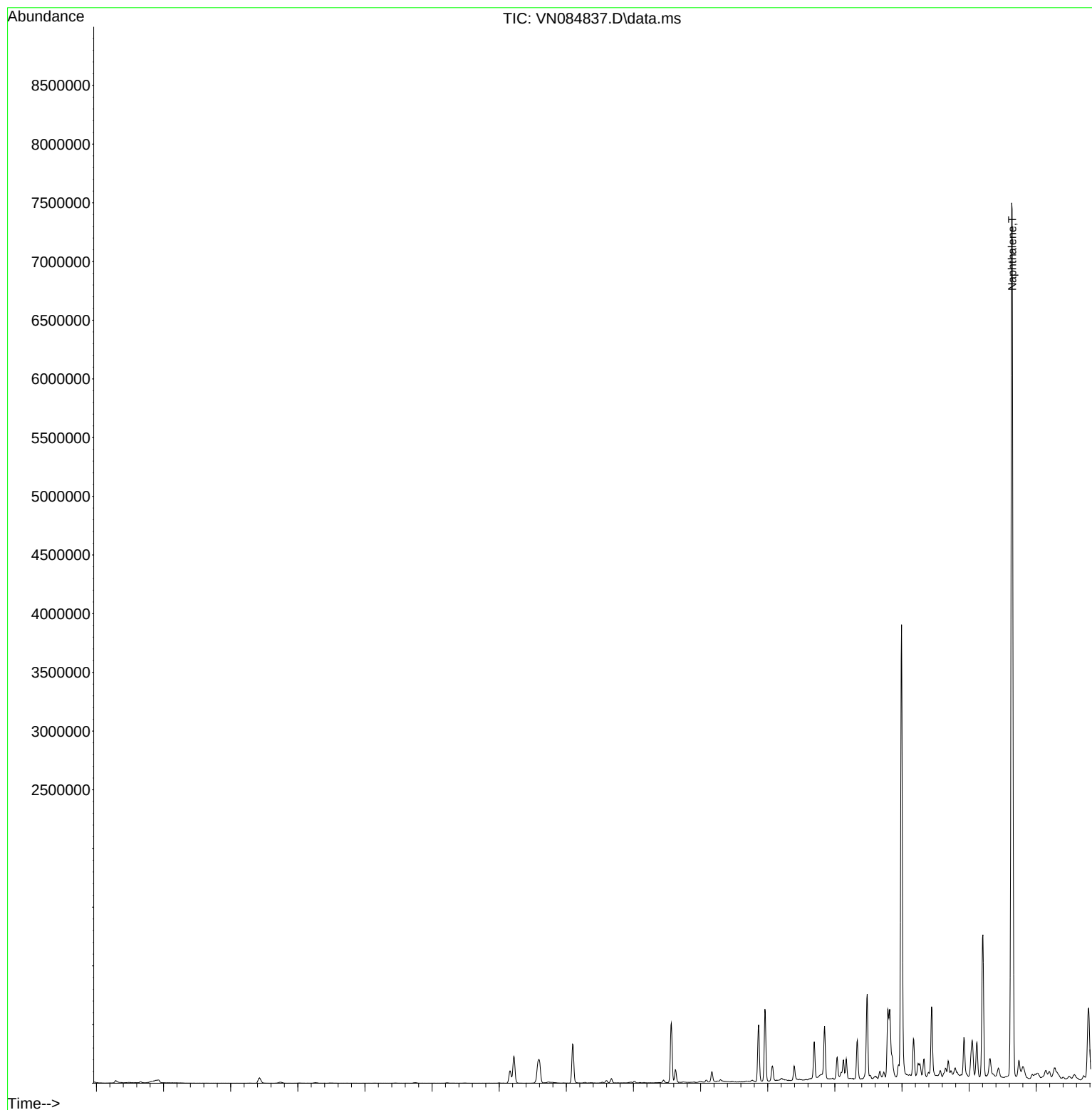
Internal Standards						
1) Pentafluorobenzene	8.224	168	166079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	289492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115811	48.280	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.560%		
35) Dibromofluoromethane	8.165	113	76368	38.973	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	77.940%		
50) Toluene-d8	10.565	98	350466	48.553	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.100%		
62) 4-Bromofluorobenzene	12.847	95	156341	57.954	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	115.900%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	83194	118.566	ug/l	94
20) Methylene Chloride	5.265	84	4427	2.098	ug/l	89
39) Methylcyclohexane	9.594	83	5627	2.035	ug/l #	72
40) Benzene	8.600	78	170367	19.521	ug/l	97
52) Toluene	10.624	92	47354	9.277	ug/l	98
67) Ethyl Benzene	11.959	91	460125	43.887	ug/l	100
68) m/p-Xylenes	12.065	106	43239	10.894	ug/l	99
69) o-Xylene	12.394	106	32493	8.751	ug/l	99
73) Isopropylbenzene	12.694	105	210105	20.381	ug/l	97
78) n-propylbenzene	13.035	91	142565	11.802	ug/l	92
80) 1,3,5-Trimethylbenzene	13.170	105	91242	10.679	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	416188	47.196	ug/l	100
95) Naphthalene	15.641	128	6983669	820.205	ug/l	100

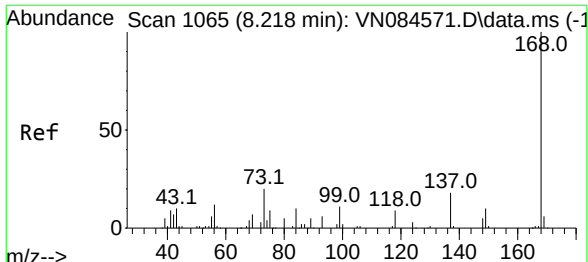
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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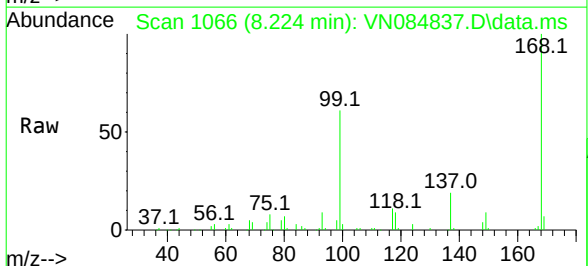
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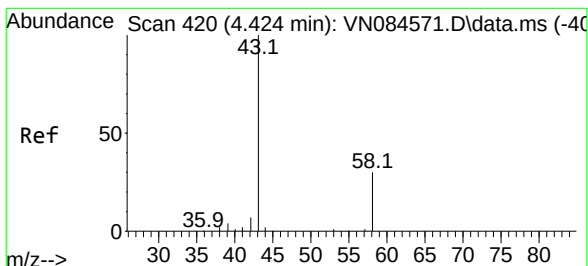
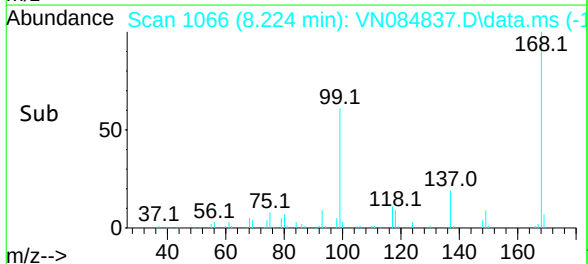
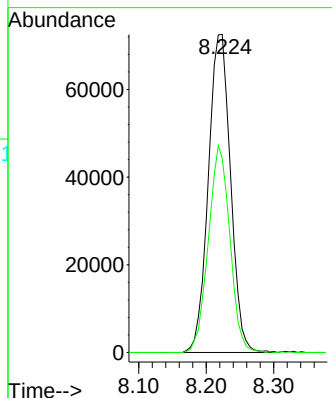


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084837.D
Acq: 13 Nov 2024 19:35

Instrument :
MSVOA_N
ClientSampleId :
WC-TA1-03-G

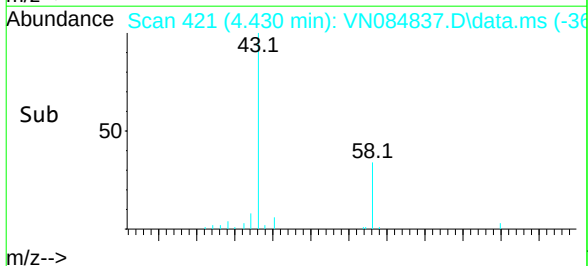
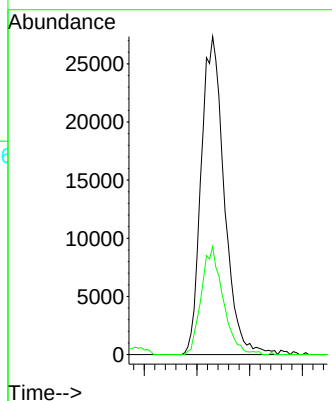
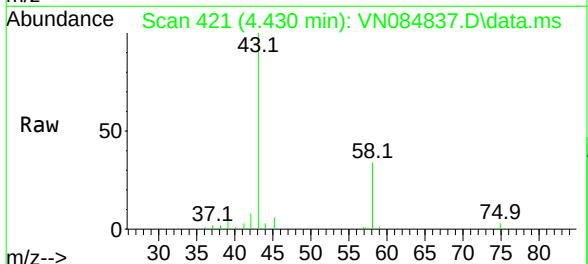


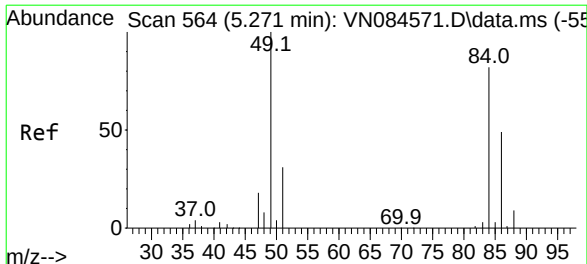
Tgt Ion:168 Resp: 166079
Ion Ratio Lower Upper
168 100
99 61.1 54.2 81.2



#16
Acetone
Concen: 118.566 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084837.D
Acq: 13 Nov 2024 19:35

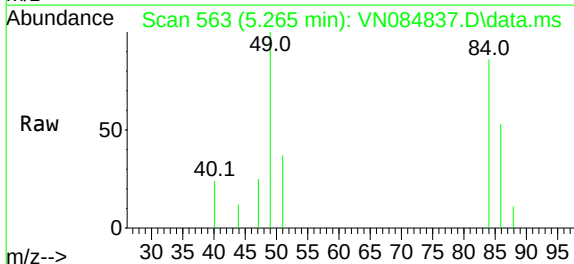
Tgt Ion: 43 Resp: 83194
Ion Ratio Lower Upper
43 100
58 33.9 24.4 36.6



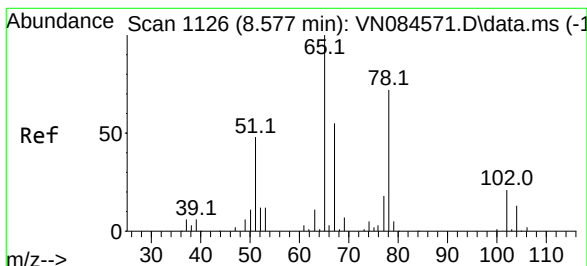
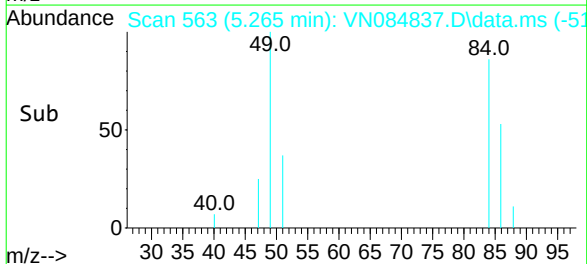
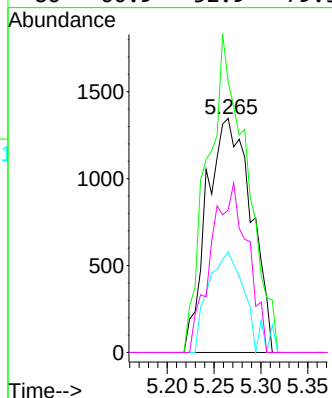


#20
Methylene Chloride
Concen: 2.098 ug/l
RT: 5.265 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN084837.D
Acq: 13 Nov 2024 19:35

Instrument :
MSVOA_N
ClientSampleId :
WC-TA1-03-G

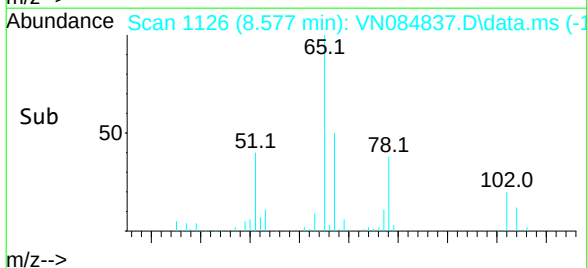
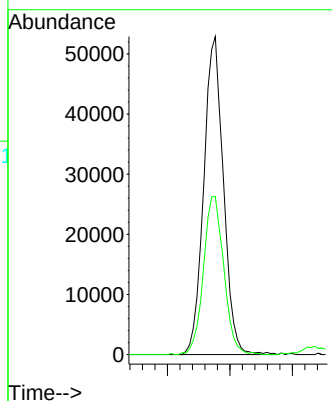
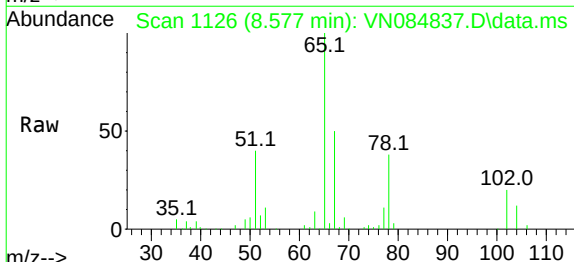


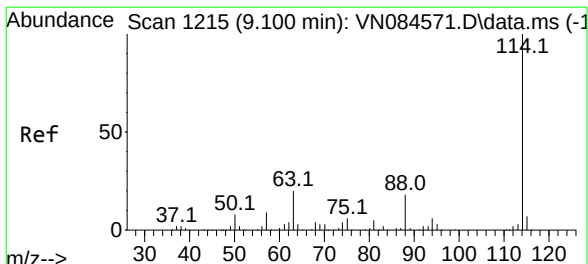
Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.7	107.2	160.8
51	42.8	31.8	47.8
86	60.9	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 48.280 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084837.D
Acq: 13 Nov 2024 19:35

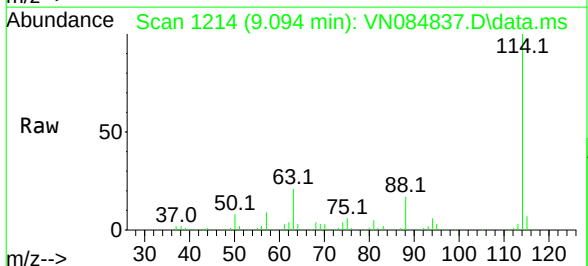
Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	102.0



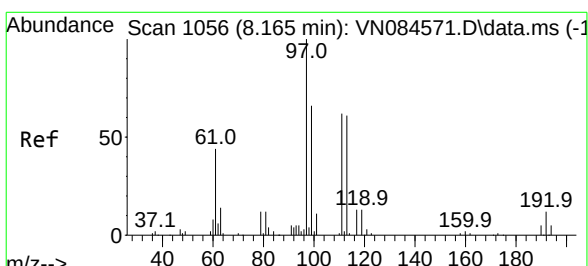
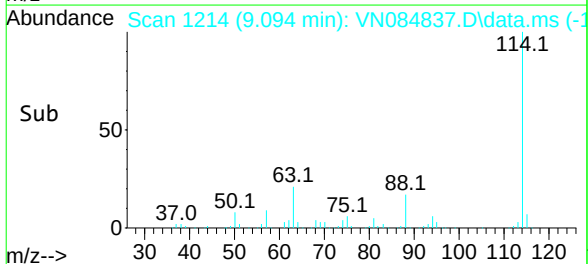
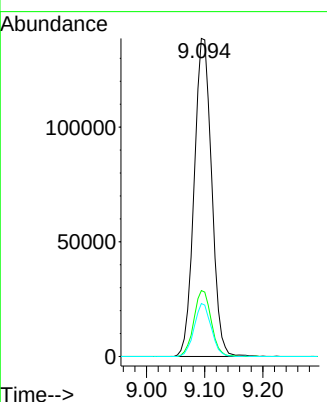


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN084837.D
 Acq: 13 Nov 2024 19:35

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-TA1-03-G

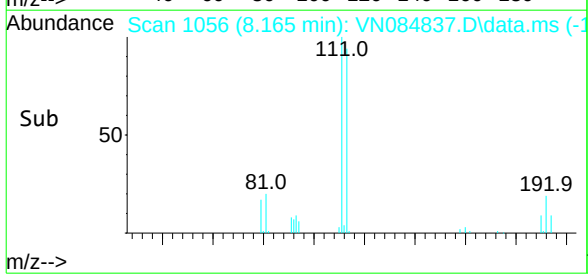
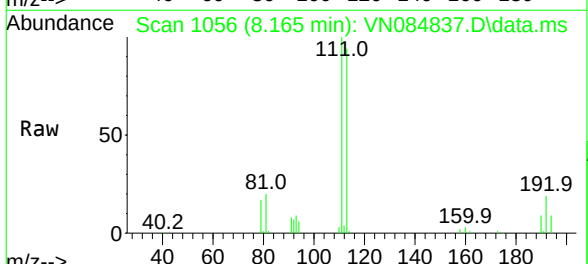
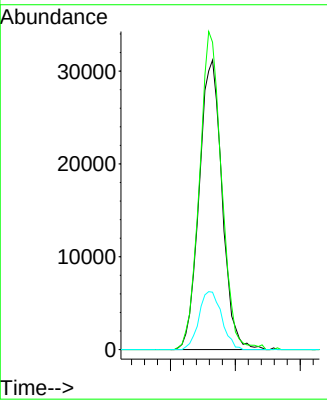


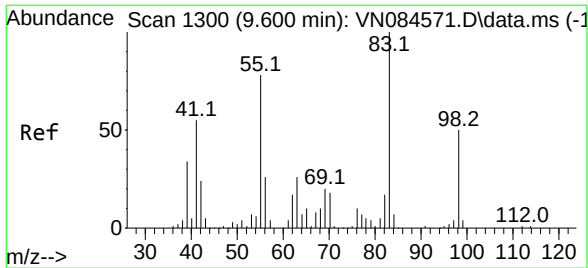
Tgt Ion:	114	Resp:	289492
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	43.8
88	16.7	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 38.973 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084837.D
 Acq: 13 Nov 2024 19:35

Tgt Ion:	113	Resp:	76368
Ion Ratio	Lower	Upper	
113	100		
111	106.3	83.3	124.9
192	19.9	13.5	20.3

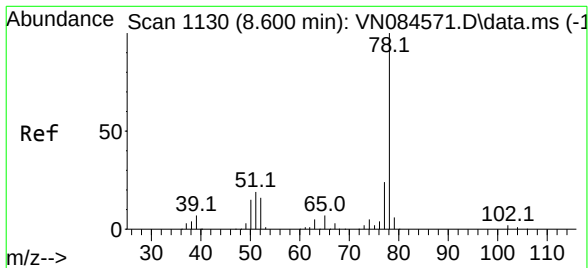
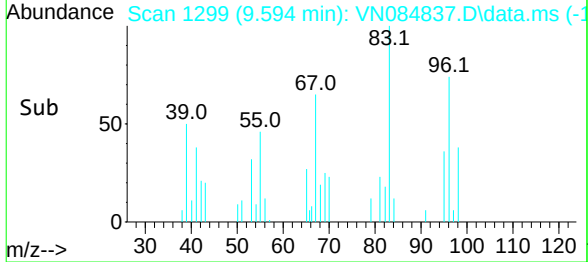
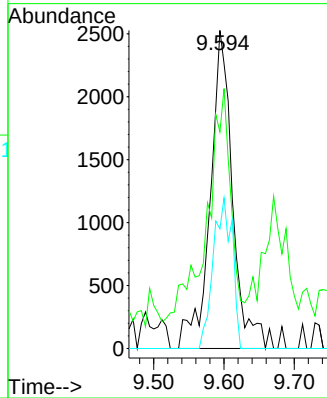
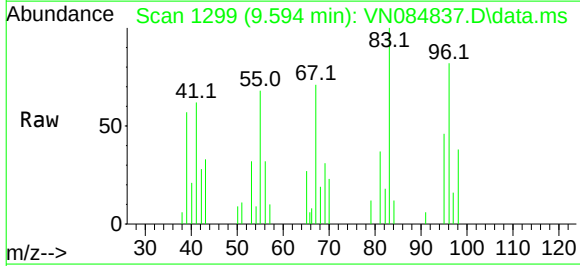




#39
Methylcyclohexane
Concen: 2.035 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084837.D
Acq: 13 Nov 2024 19:35

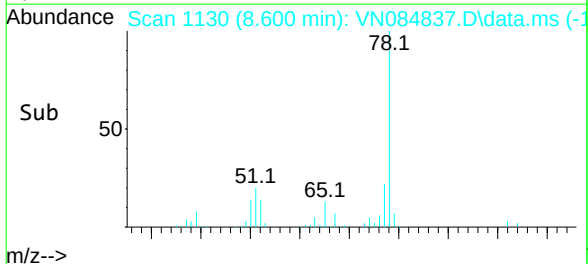
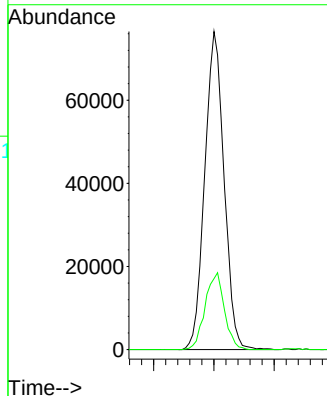
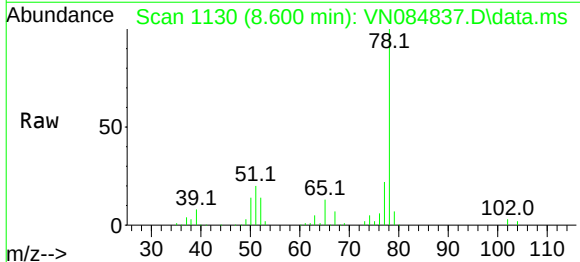
Instrument :
MSVOA_N
ClientSampleId :
WC-TA1-03-G

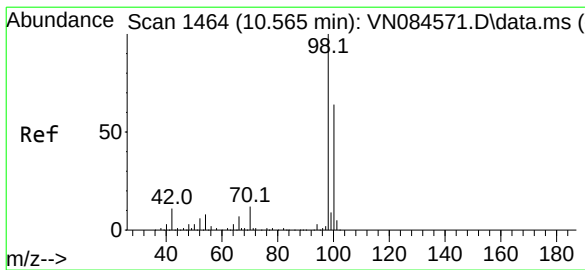
Tgt Ion: 83	Resp: 5627
Ion Ratio	Lower Upper
83 100	
55 48.2	62.8 94.2#
98 37.6	38.8 58.2#



#40
Benzene
Concen: 19.521 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084837.D
Acq: 13 Nov 2024 19:35

Tgt Ion: 78	Resp: 170367
Ion Ratio	Lower Upper
78 100	
77 22.3	19.1 28.7





#50

Toluene-d8

Concen: 48.553 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084837.D

Acq: 13 Nov 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

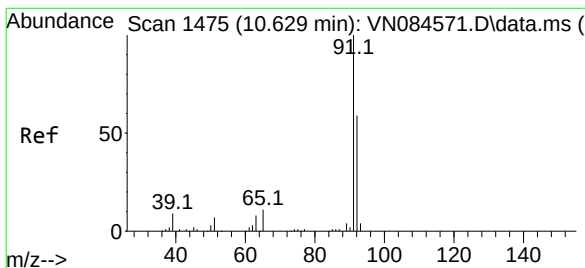
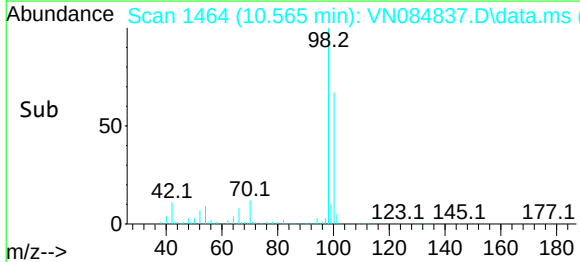
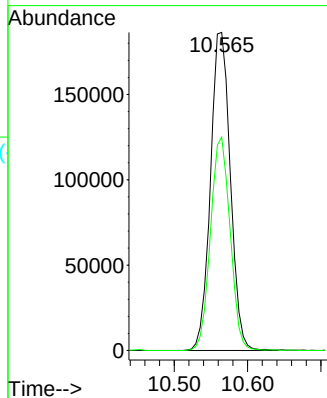
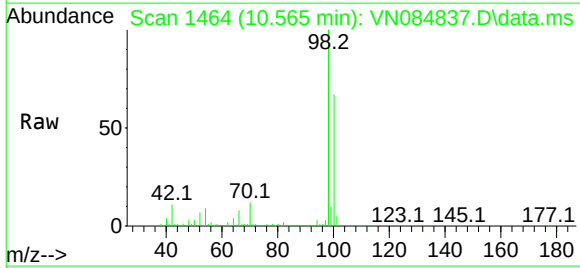
WC-TA1-03-G

Tgt Ion: 98 Resp: 350466

Ion Ratio Lower Upper

98 100

100 66.2 52.7 79.1



#52

Toluene

Concen: 9.277 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN084837.D

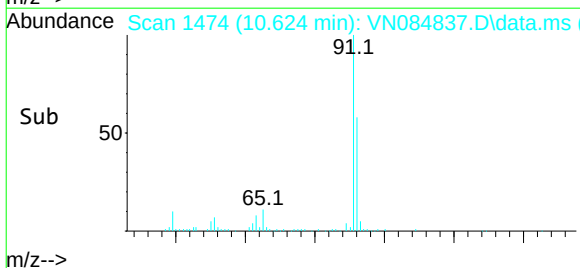
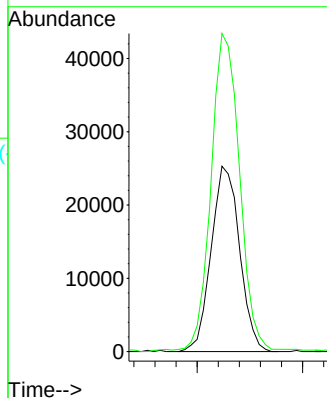
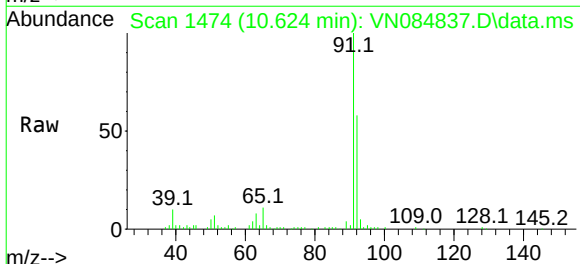
Acq: 13 Nov 2024 19:35

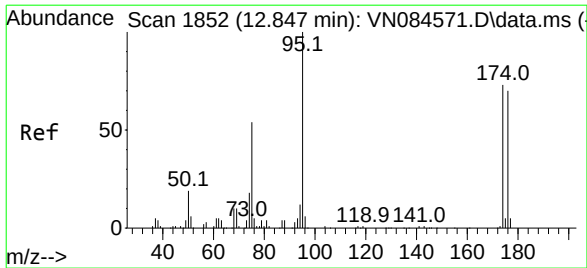
Tgt Ion: 92 Resp: 47354

Ion Ratio Lower Upper

92 100

91 174.8 137.3 205.9





#62

4-Bromofluorobenzene

Concen: 57.954 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN084837.D

Acq: 13 Nov 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

WC-TA1-03-G

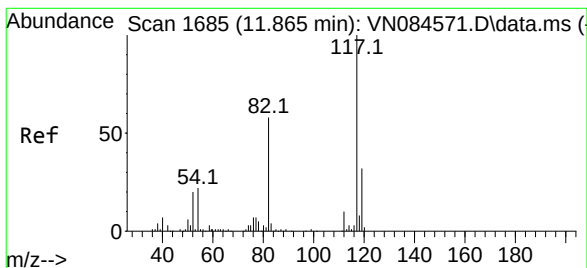
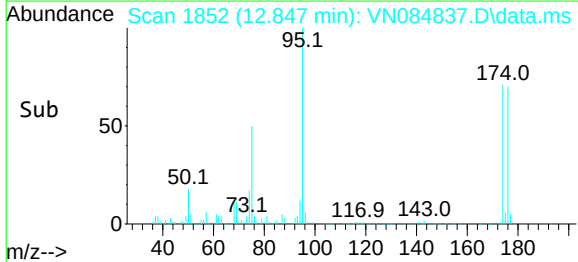
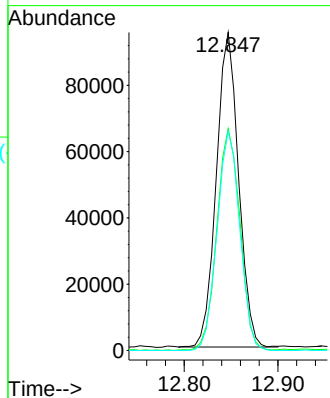
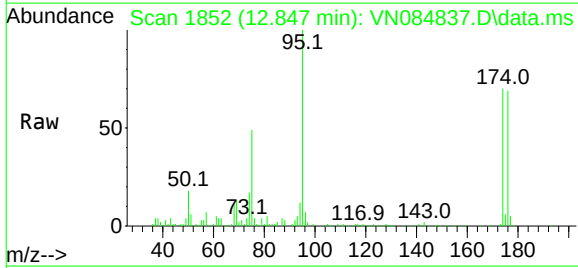
Tgt Ion: 95 Resp: 156341

Ion Ratio Lower Upper

95 100

174 73.4 0.0 145.2

176 71.3 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: VN084837.D

Acq: 13 Nov 2024 19:35

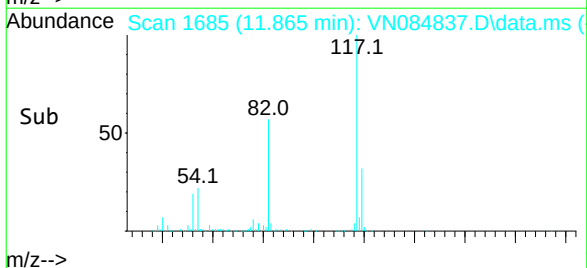
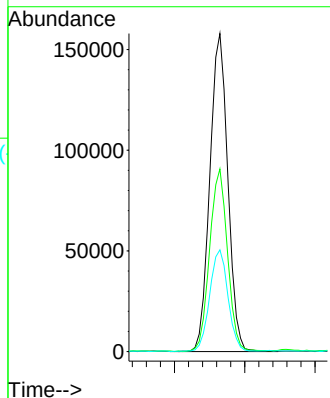
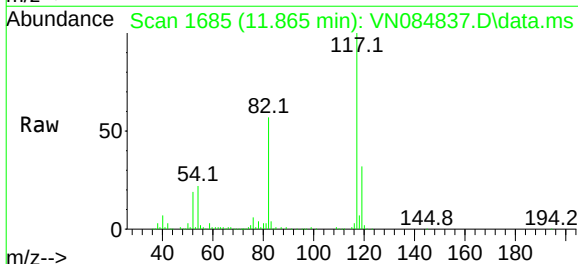
Tgt Ion: 117 Resp: 280754

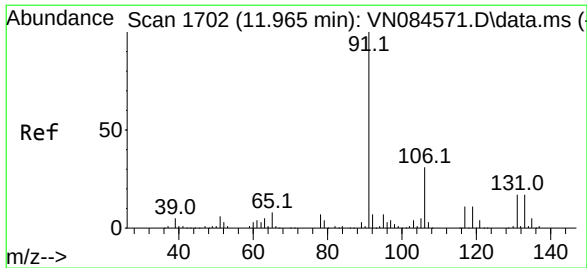
Ion Ratio Lower Upper

117 100

82 57.2 47.2 70.8

119 31.9 25.4 38.0

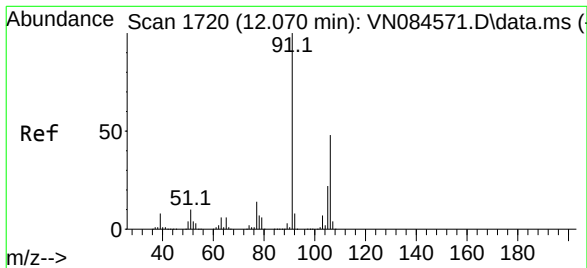
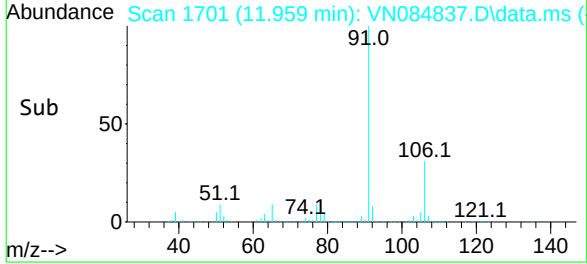
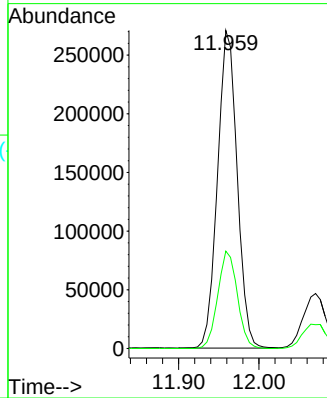
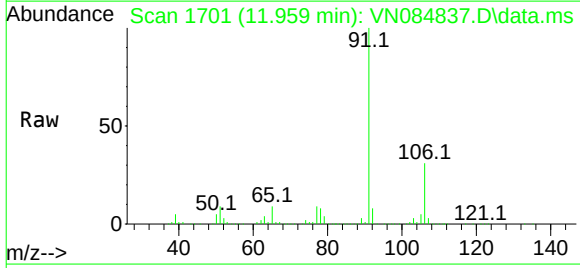




#67
Ethyl Benzene
Concen: 43.887 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN084837.D
Acq: 13 Nov 2024 19:35

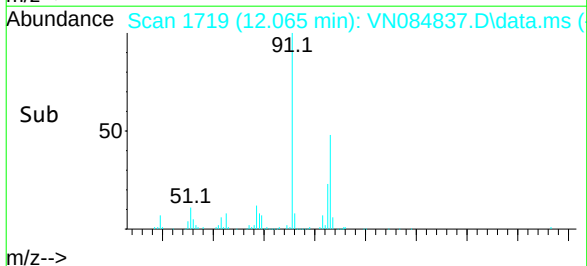
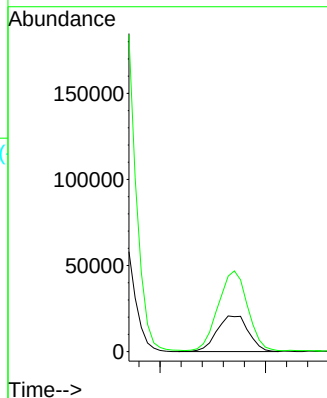
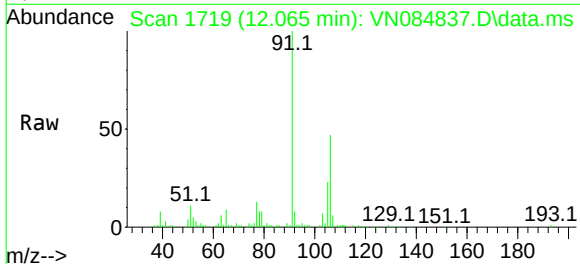
Instrument :
MSVOA_N
ClientSampleId :
WC-TA1-03-G

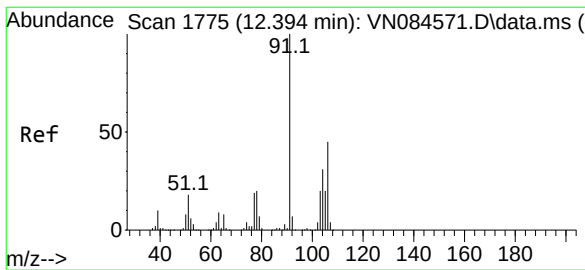
Tgt Ion: 91 Resp: 460125
Ion Ratio Lower Upper
91 100
106 30.7 24.5 36.7



#68
m/p-Xylenes
Concen: 10.894 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084837.D
Acq: 13 Nov 2024 19:35

Tgt Ion:106 Resp: 43239
Ion Ratio Lower Upper
106 100
91 207.3 167.1 250.7





#69

o-Xylene

Concen: 8.751 ug/l

RT: 12.394 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN084837.D

Acq: 13 Nov 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

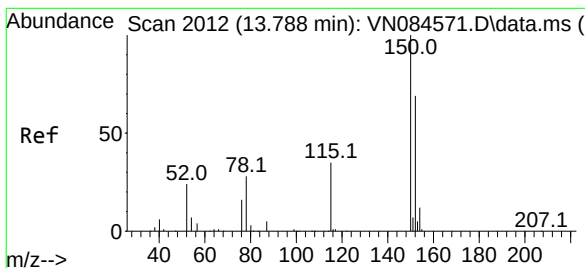
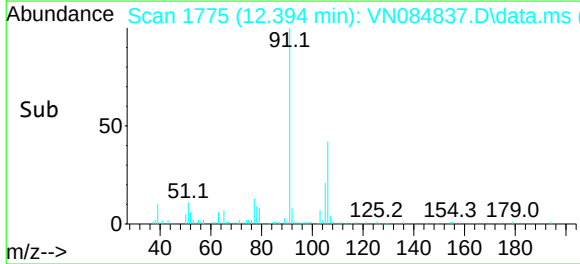
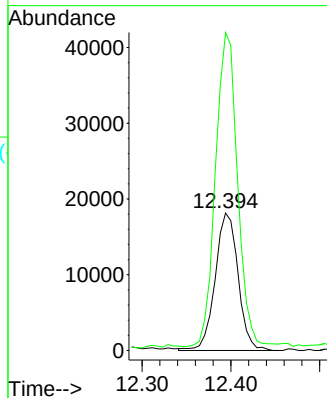
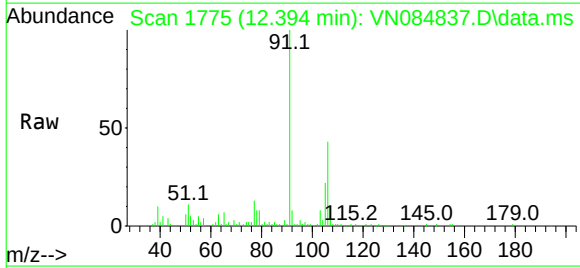
WC-TA1-03-G

Tgt Ion:106 Resp: 32493

Ion Ratio Lower Upper

106 100

91 219.6 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084837.D

Acq: 13 Nov 2024 19:35

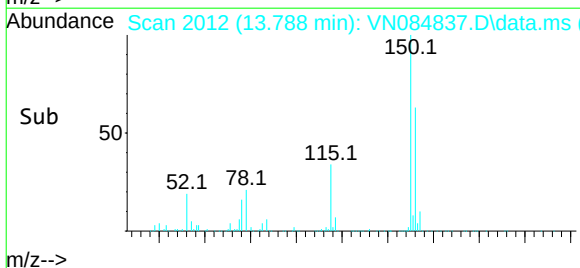
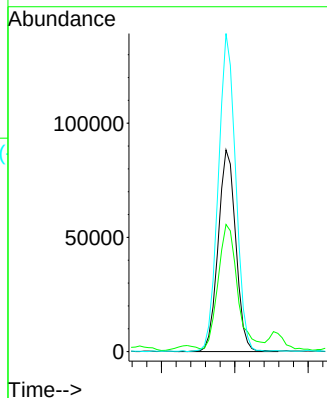
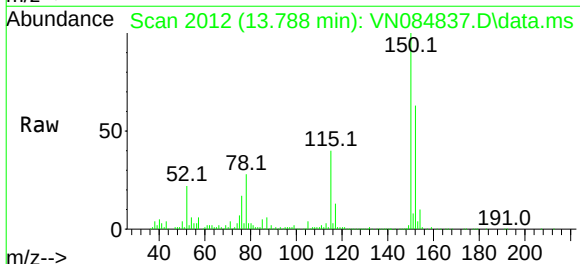
Tgt Ion:152 Resp: 147105

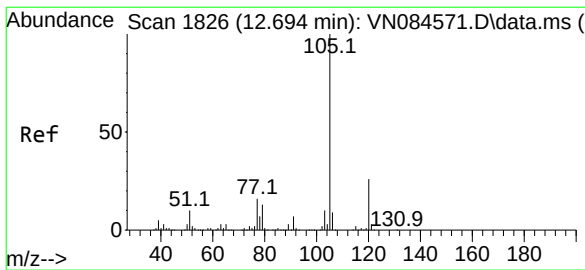
Ion Ratio Lower Upper

152 100

115 67.7 31.3 93.9

150 156.0 0.0 349.8





#73

Isopropylbenzene

Concen: 20.381 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084837.D

Acq: 13 Nov 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

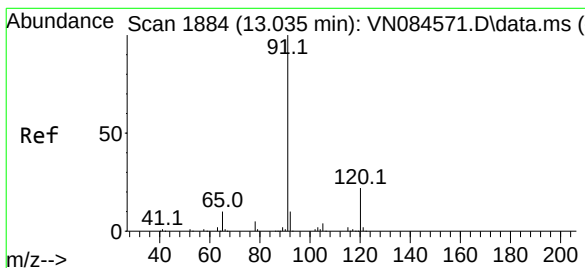
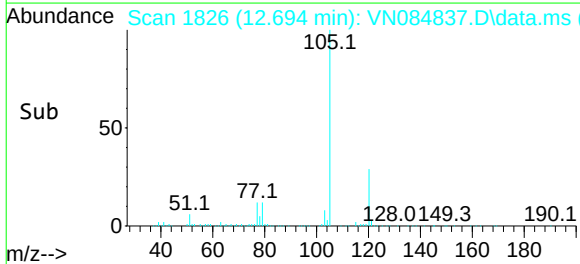
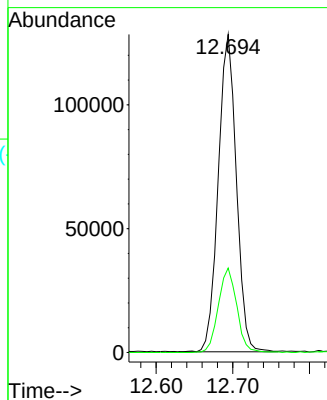
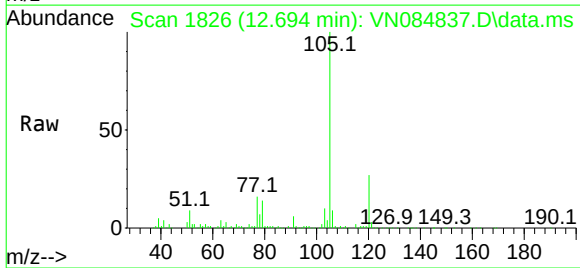
WC-TA1-03-G

Tgt Ion:105 Resp: 210105

Ion Ratio Lower Upper

105 100

120 27.1 12.9 38.7



#78

n-propylbenzene

Concen: 11.802 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084837.D

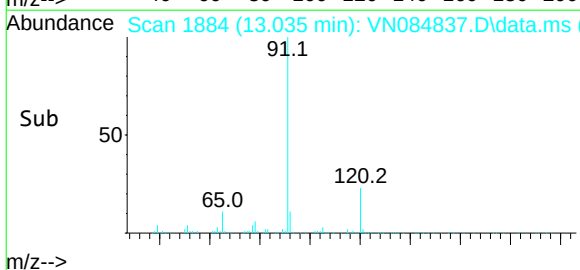
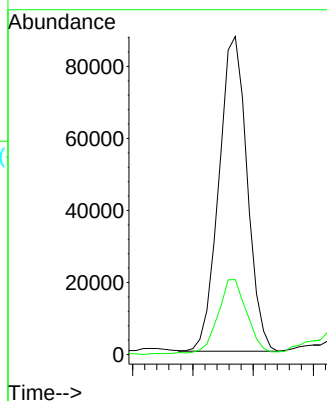
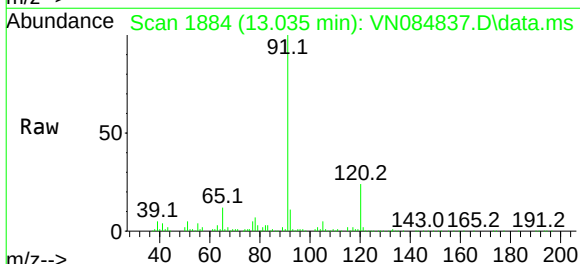
Acq: 13 Nov 2024 19:35

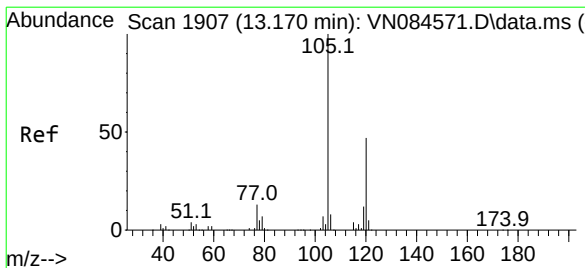
Tgt Ion: 91 Resp: 142565

Ion Ratio Lower Upper

91 100

120 25.4 10.8 32.4





#80

1,3,5-Trimethylbenzene

Concen: 10.679 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084837.D

Acq: 13 Nov 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

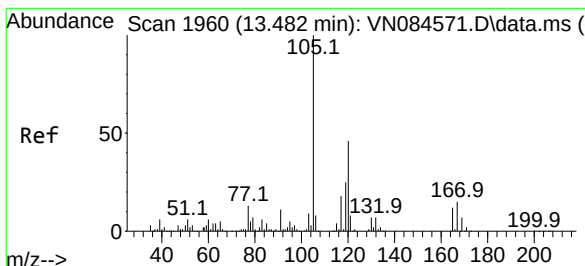
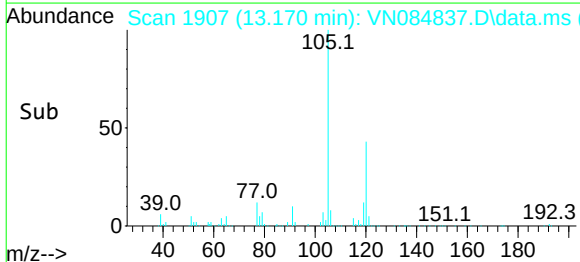
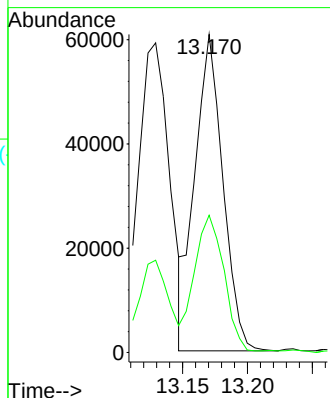
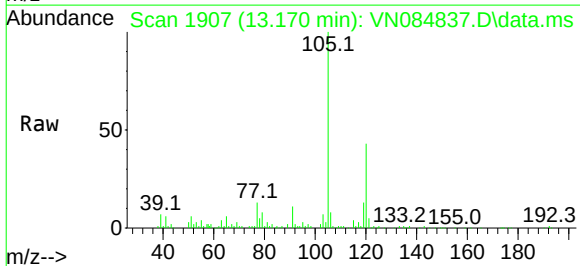
WC-TA1-03-G

Tgt Ion:105 Resp: 91242

Ion Ratio Lower Upper

105 100

120 45.2 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 47.196 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084837.D

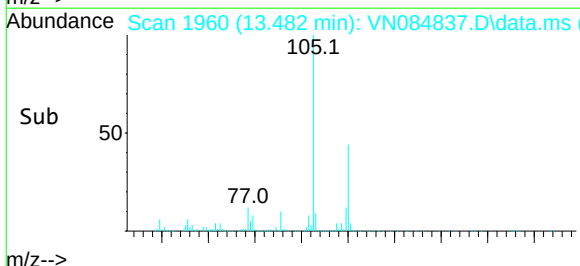
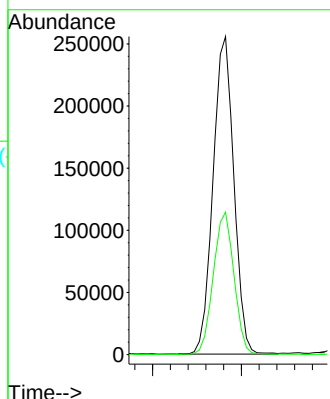
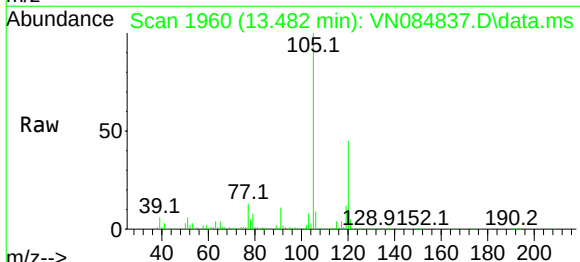
Acq: 13 Nov 2024 19:35

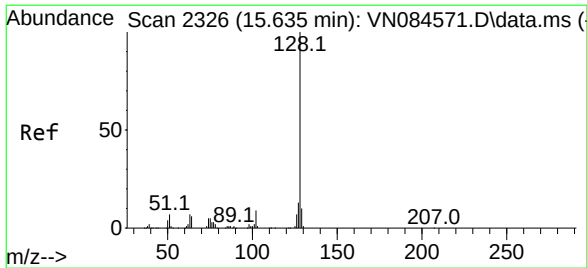
Tgt Ion:105 Resp: 416188

Ion Ratio Lower Upper

105 100

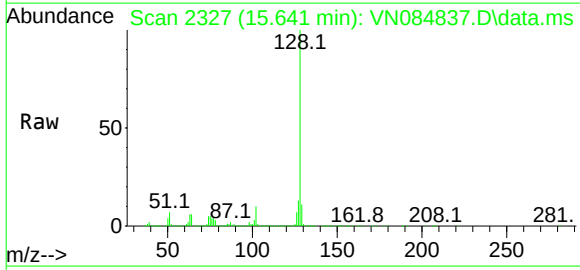
120 44.8 22.3 66.8





#95
Naphthalene
Concen: 820.205 ug/l
RT: 15.641 min Scan# 23
Delta R.T. 0.006 min
Lab File: VN084837.D
Acq: 13 Nov 2024 19:35

Instrument :
MSVOA_N
ClientSampleId :
WC-TA1-03-G



Tgt Ion:128 Resp: 6983669
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.7 13.1

