

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084802.D
 Acq On : 12 Nov 2024 17:38
 Operator : JC\MD
 Sample : P4799-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-TA1-02-G

Quant Time: Nov 13 02:33:53 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	178622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	301620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147697	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118219	45.823	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.640%
35) Dibromofluoromethane	8.159	113	78349	38.376	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	76.760%
50) Toluene-d8	10.565	98	357279	47.507	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.847	95	157029	55.868	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	111.740%

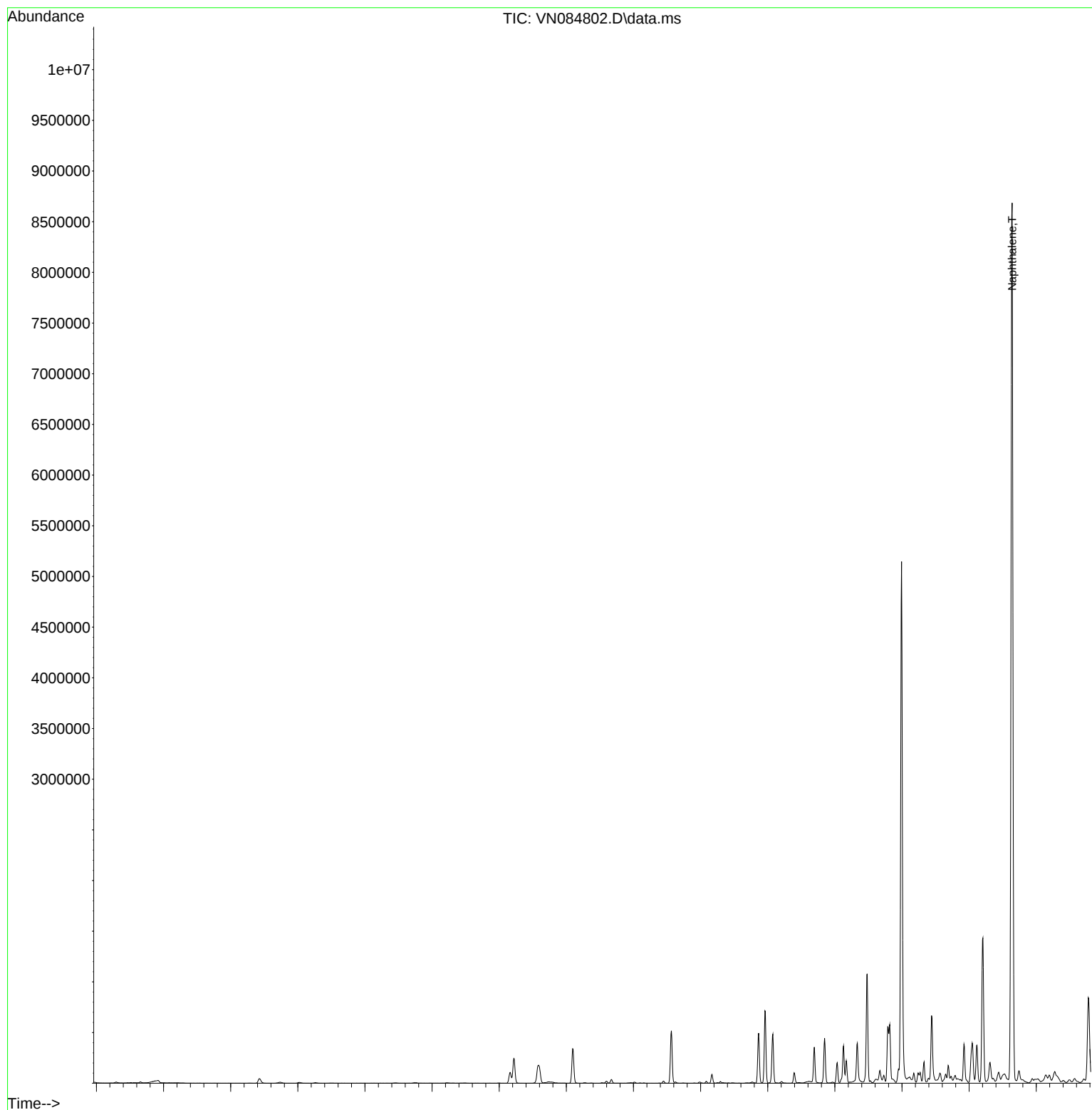
Target Compounds						Qvalue
16) Acetone	4.430	43	83997	111.127	ug/l	95
18) Methyl Acetate	5.024	43	16699	2.328	ug/l	93
20) Methylene Chloride	5.265	84	4281	1.887	ug/l	87
39) Methylcyclohexane	9.594	83	3985	1.383	ug/l #	78
40) Benzene	8.600	78	130344	14.334	ug/l	99
67) Ethyl Benzene	11.959	91	537311	50.780	ug/l	99
68) m/p-Xylenes	12.076	106	145316	36.276	ug/l	99
69) o-Xylene	12.394	106	27862	7.435	ug/l	99
73) Isopropylbenzene	12.694	105	233033	22.515	ug/l	99
78) n-propylbenzene	13.035	91	161637	13.327	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	115740	13.492	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	637413	71.993	ug/l	99
86) p-Isopropyltoluene	13.729	119	22488	2.734	ug/l #	73
95) Naphthalene	15.641	128	8114855	949.238	ug/l	100

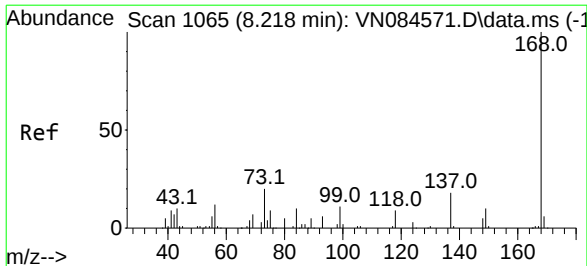
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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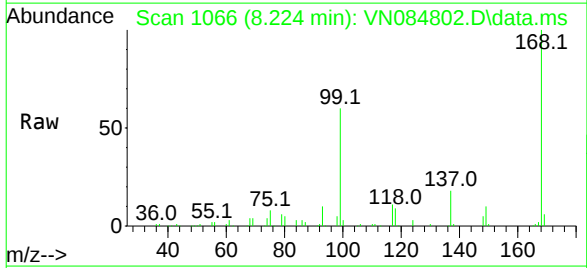
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration



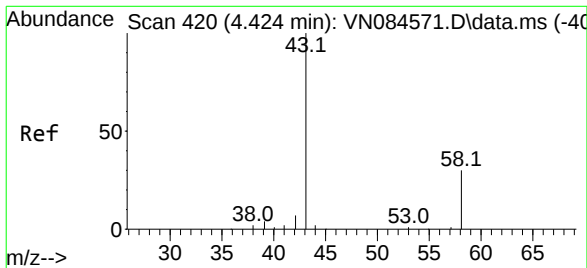
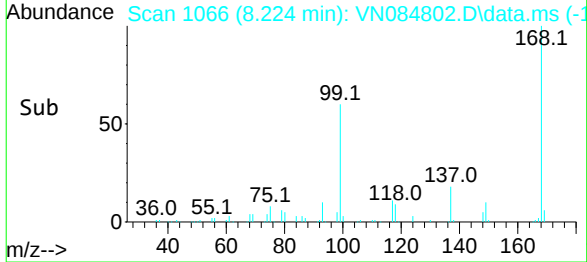
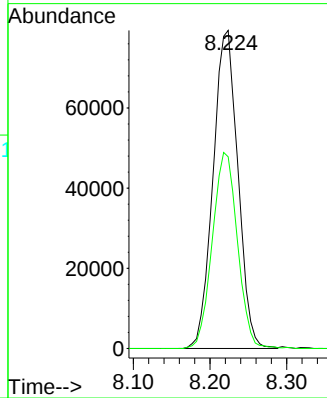


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084802.D
Acq: 12 Nov 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
WC-TA1-02-G

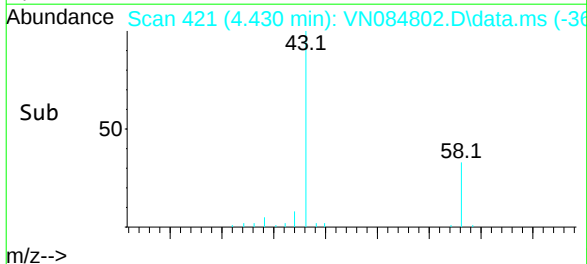
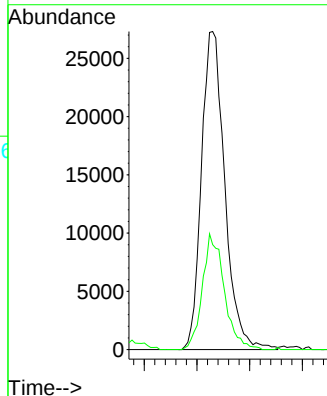
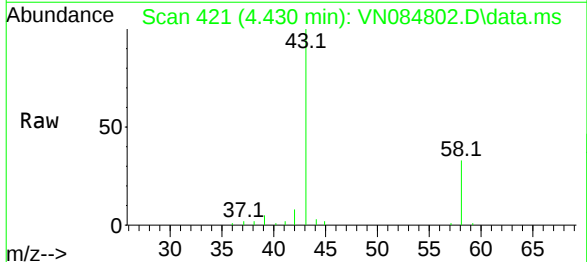


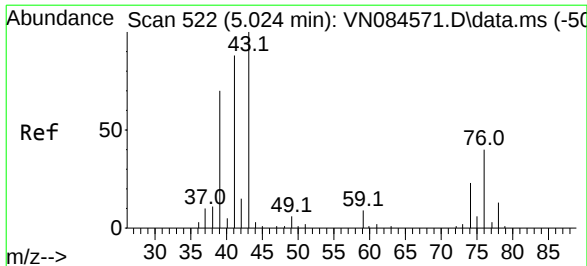
Tgt Ion:168 Resp: 178622
Ion Ratio Lower Upper
168 100
99 60.3 54.2 81.2



#16
Acetone
Concen: 111.127 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084802.D
Acq: 12 Nov 2024 17:38

Tgt Ion: 43 Resp: 83997
Ion Ratio Lower Upper
43 100
58 33.0 24.4 36.6





#18

Methyl Acetate

Concen: 2.328 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN084802.D

Acq: 12 Nov 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

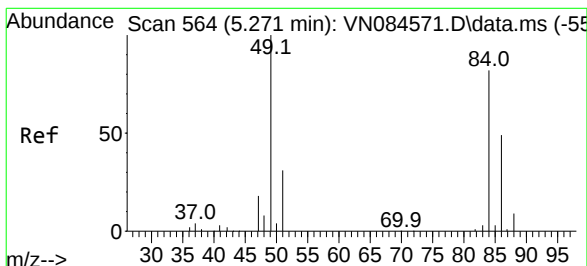
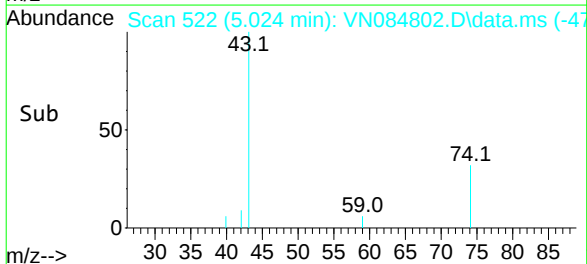
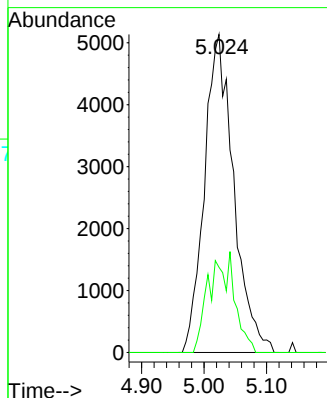
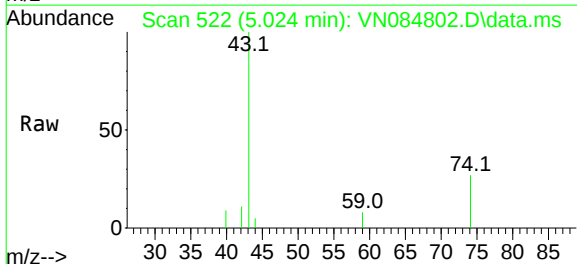
WC-TA1-02-G

Tgt Ion: 43 Resp: 16699

Ion Ratio Lower Upper

43 100

74 27.5 19.2 28.8



#20

Methylene Chloride

Concen: 1.887 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.012 min

Lab File: VN084802.D

Acq: 12 Nov 2024 17:38

Tgt Ion: 84 Resp: 4281

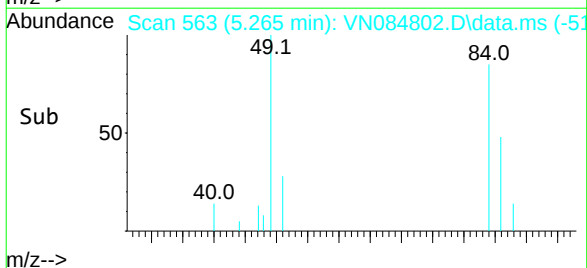
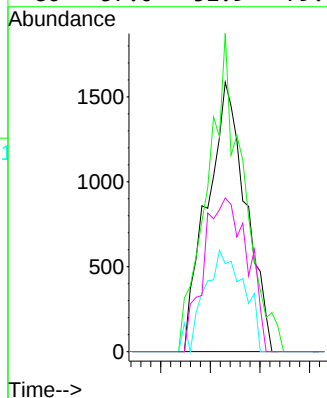
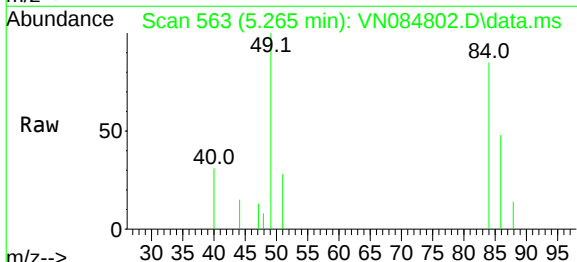
Ion Ratio Lower Upper

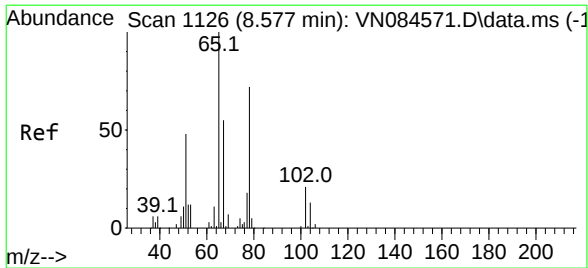
84 100

49 118.0 107.2 160.8

51 32.6 31.8 47.8

86 57.0 52.9 79.3

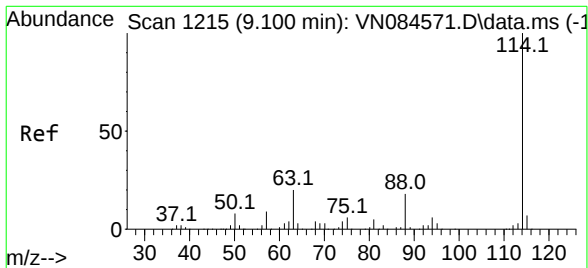
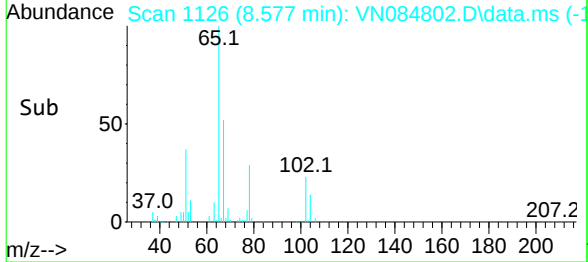
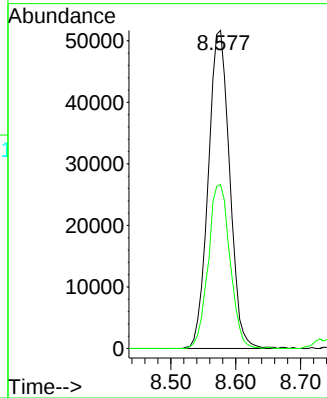
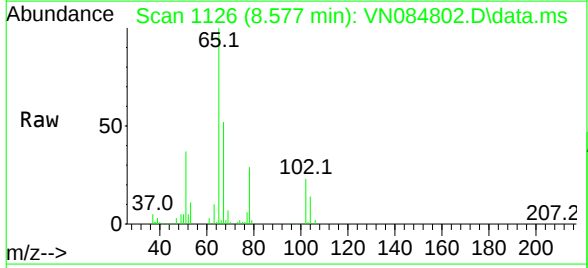




#33
1,2-Dichloroethane-d4
Concen: 45.823 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084802.D
Acq: 12 Nov 2024 17:38

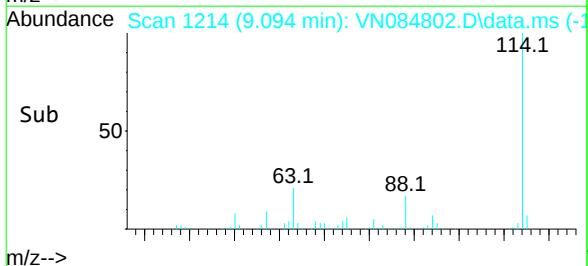
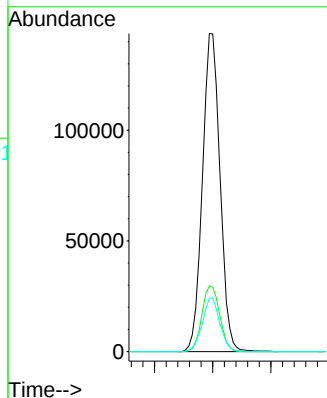
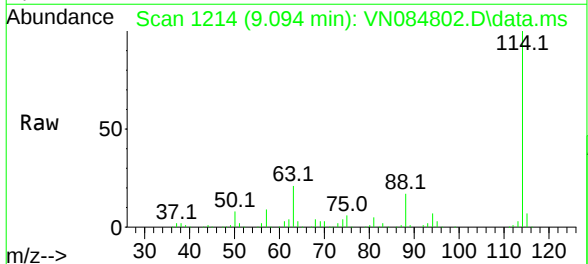
Instrument :
MSVOA_N
ClientSampleId :
WC-TA1-02-G

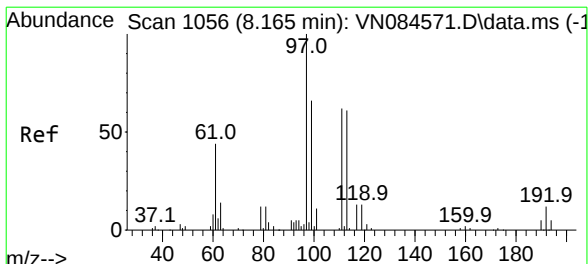
Tgt Ion: 65 Resp: 118219
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN084802.D
Acq: 12 Nov 2024 17:38

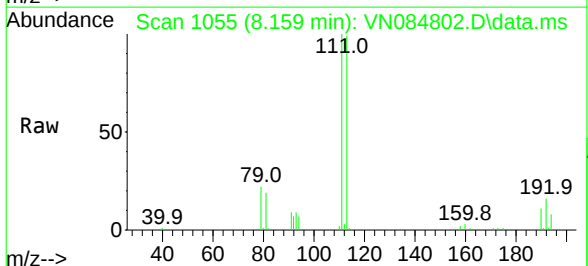
Tgt Ion: 114 Resp: 301620
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.8
88 16.8 0.0 31.6



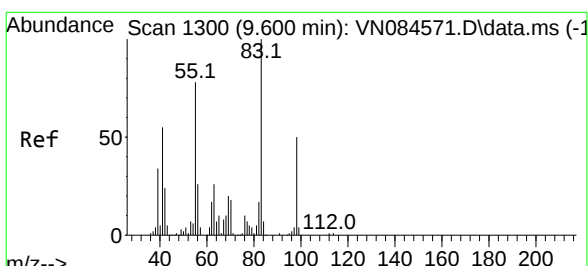
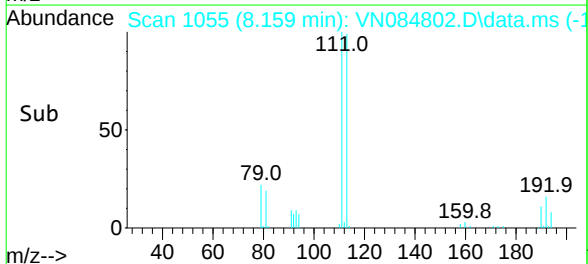
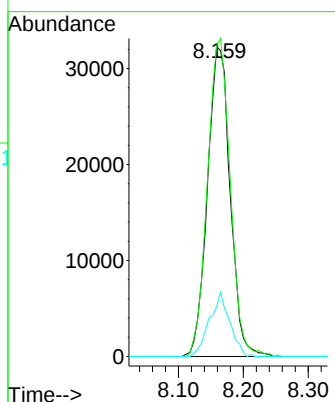


#35
 Dibromofluoromethane
 Concen: 38.376 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084802.D
 Acq: 12 Nov 2024 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-TA1-02-G

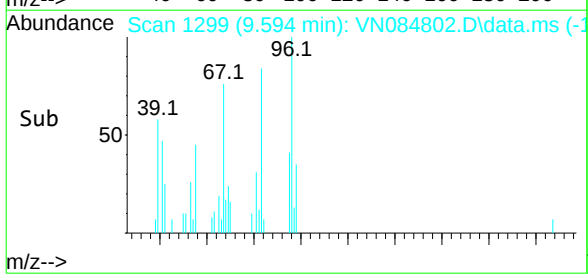
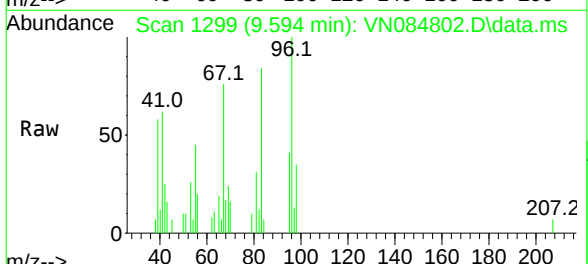
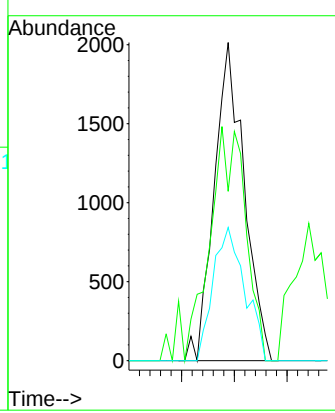


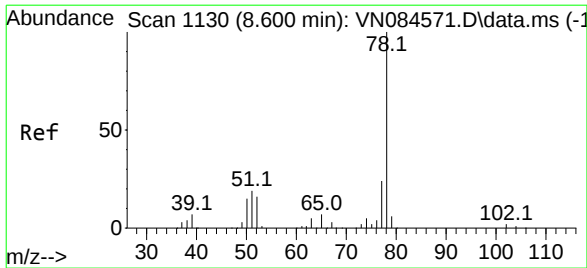
Tgt Ion:	113	Resp:	78349
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.3	124.9
192	18.5	13.5	20.3



#39
 Methylcyclohexane
 Concen: 1.383 ug/l
 RT: 9.594 min Scan# 1299
 Delta R.T. -0.006 min
 Lab File: VN084802.D
 Acq: 12 Nov 2024 17:38

Tgt Ion:	83	Resp:	3985
Ion	Ratio	Lower	Upper
83	100		
55	53.2	62.8	94.2#
98	41.9	38.8	58.2

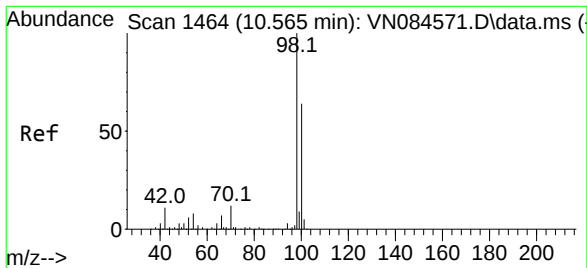
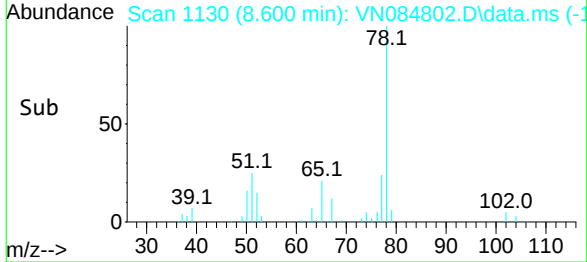
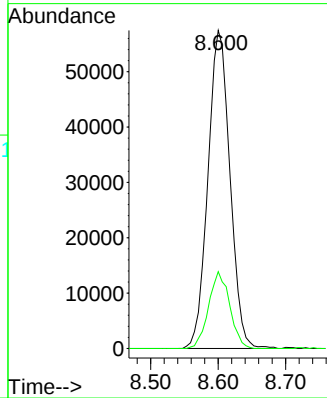
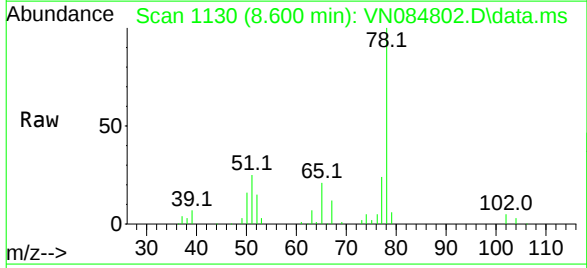




#40
Benzene
Concen: 14.334 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084802.D
Acq: 12 Nov 2024 17:38

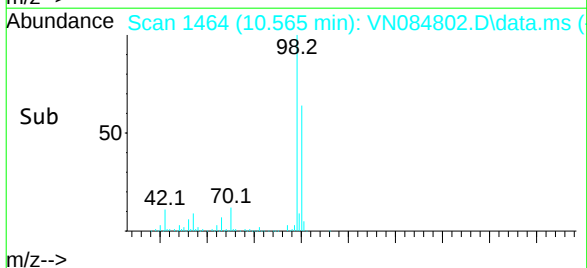
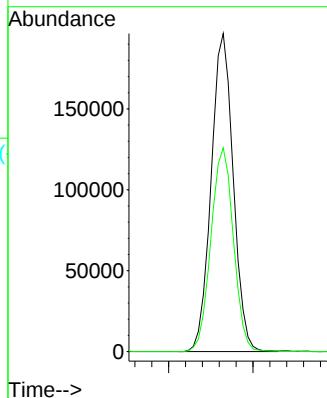
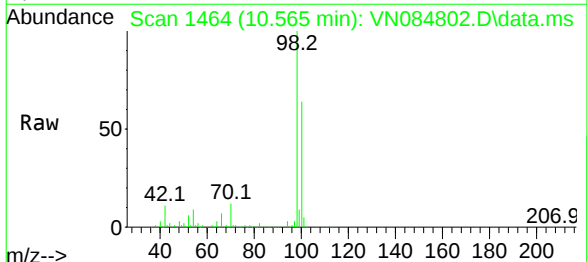
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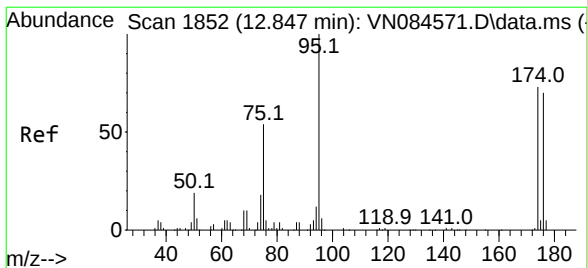
Tgt Ion: 78 Resp: 130344
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7



#50
Toluene-d8
Concen: 47.507 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084802.D
Acq: 12 Nov 2024 17:38

Tgt Ion: 98 Resp: 357279
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 55.868 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN084802.D

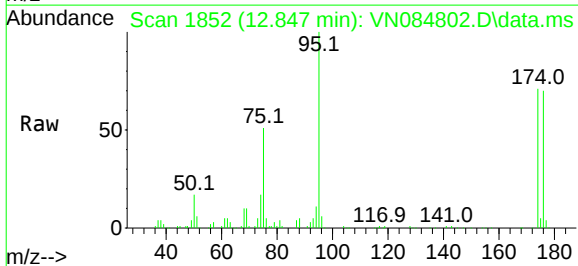
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Instrument :

MSVOA_N

ClientSampleId :

WC-TA1-02-G



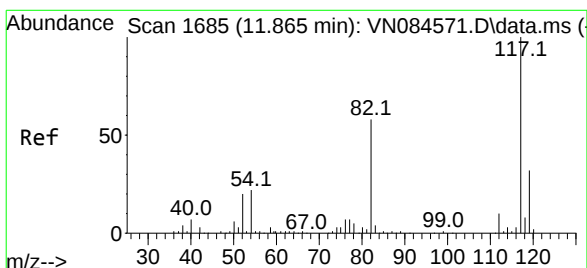
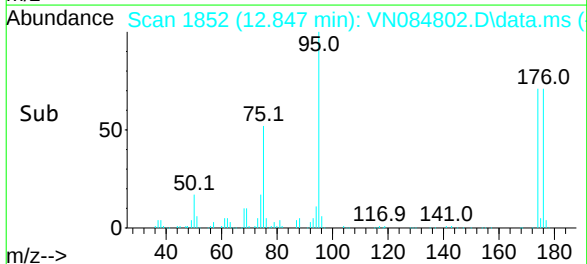
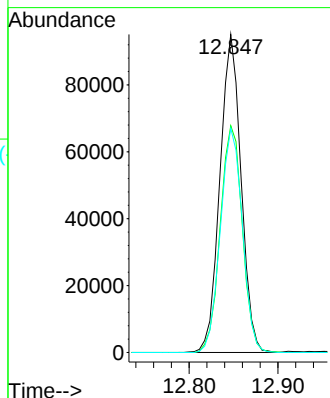
Tgt Ion: 95 Resp: 157029

Ion Ratio Lower Upper

95 100

174 74.5 0.0 145.2

176 73.2 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: VN084802.D

Acq: 12 Nov 2024 17:38

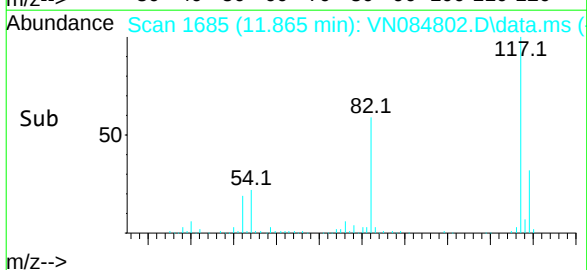
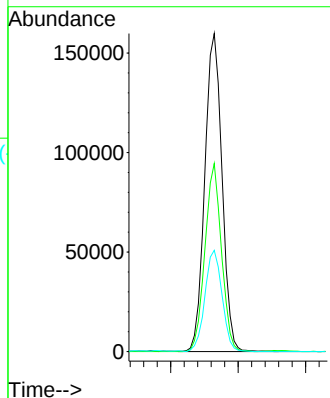
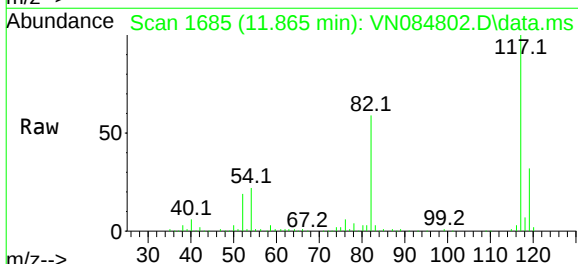
Tgt Ion: 117 Resp: 283346

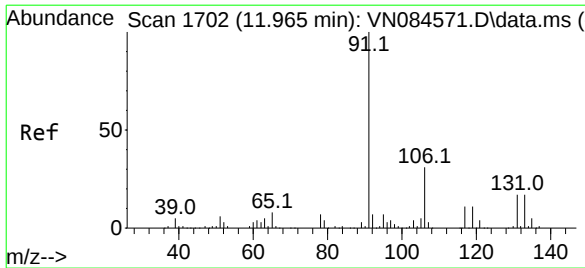
Ion Ratio Lower Upper

117 100

82 59.1 47.2 70.8

119 31.8 25.4 38.0

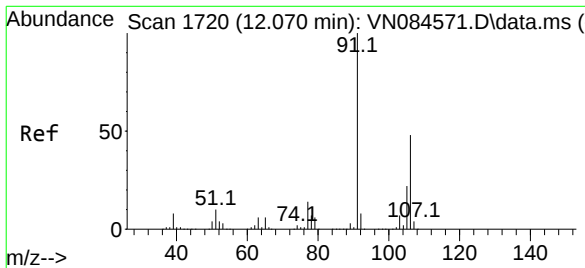
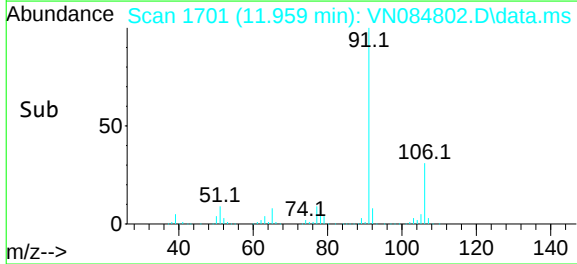
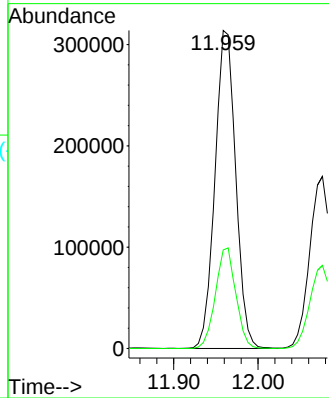
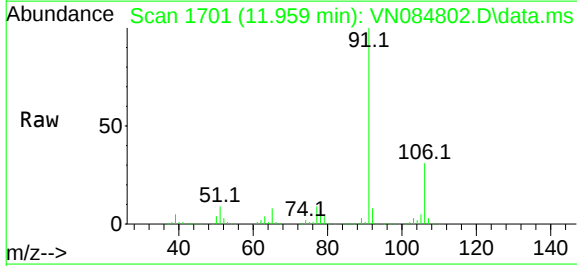




#67
Ethyl Benzene
Concen: 50.780 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084802.D
Acq: 12 Nov 2024 17:38

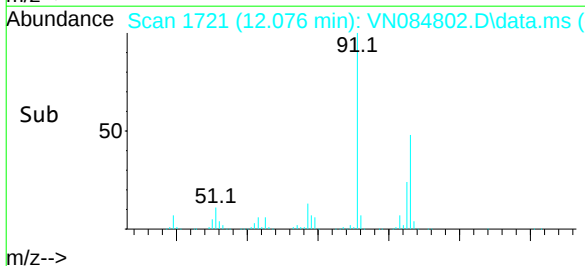
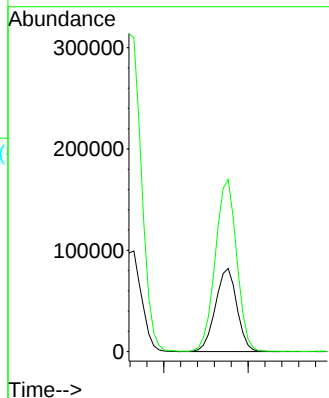
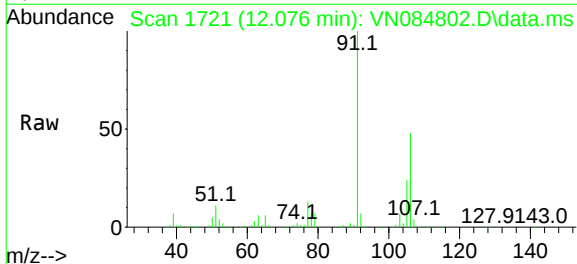
Instrument :
MSVOA_N
ClientSampleId :
WC-TA1-02-G

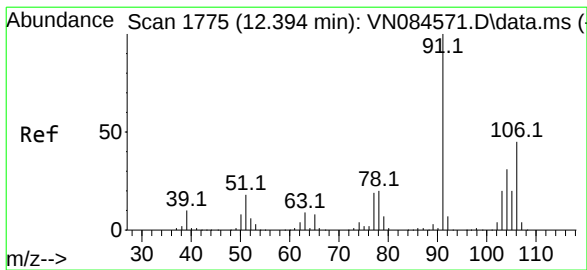
Tgt Ion: 91 Resp: 537311
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7



#68
m/p-Xylenes
Concen: 36.276 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN084802.D
Acq: 12 Nov 2024 17:38

Tgt Ion:106 Resp: 145316
Ion Ratio Lower Upper
106 100
91 206.6 167.1 250.7





#69

o-Xylene

Concen: 7.435 ug/l

RT: 12.394 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN084802.D

Acq: 12 Nov 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

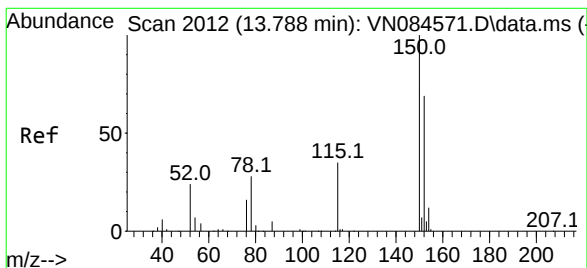
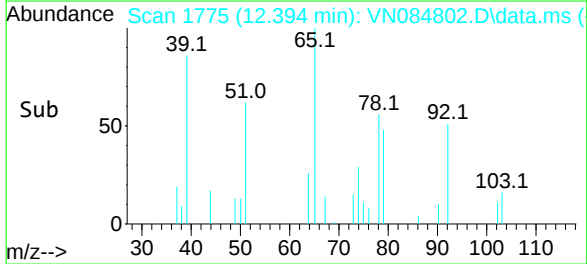
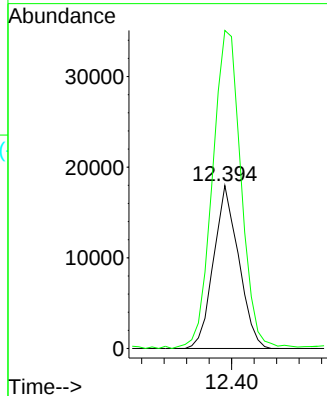
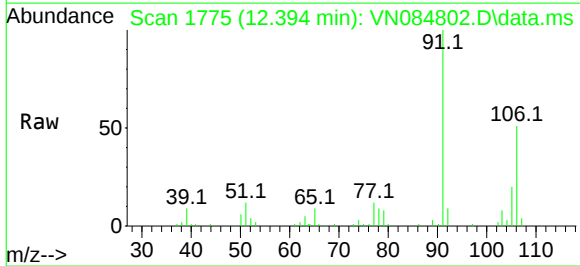
WC-TA1-02-G

Tgt Ion:106 Resp: 27862

Ion Ratio Lower Upper

106 100

91 222.2 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084802.D

Acq: 12 Nov 2024 17:38

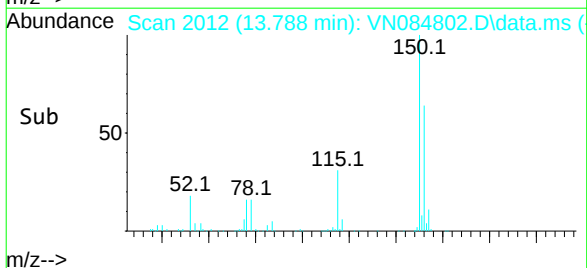
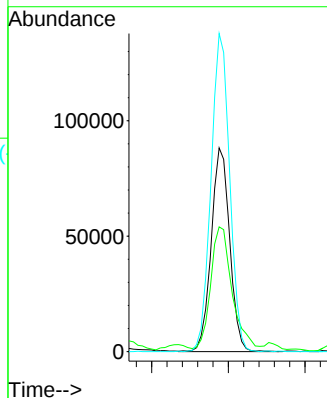
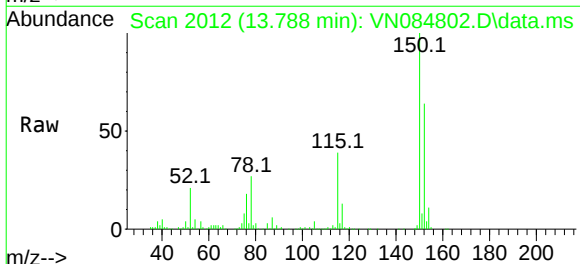
Tgt Ion:152 Resp: 147697

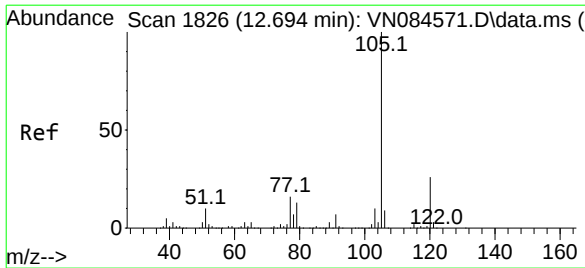
Ion Ratio Lower Upper

152 100

115 67.9 31.3 93.9

150 157.3 0.0 349.8





#73

Isopropylbenzene

Concen: 22.515 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084802.D

Acq: 12 Nov 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

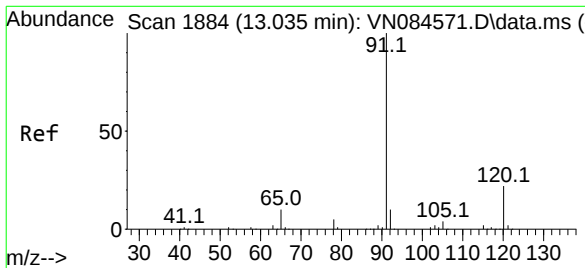
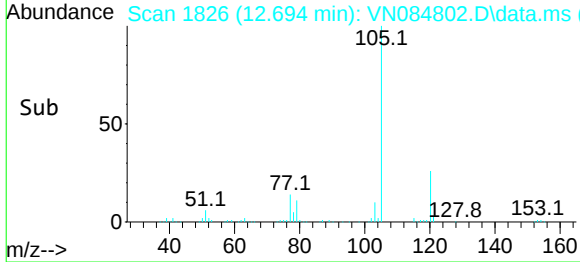
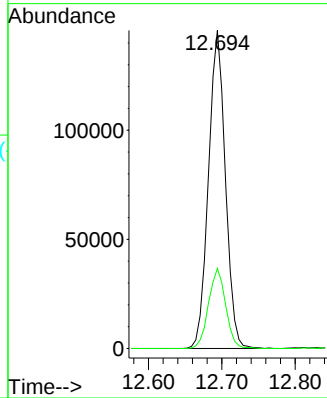
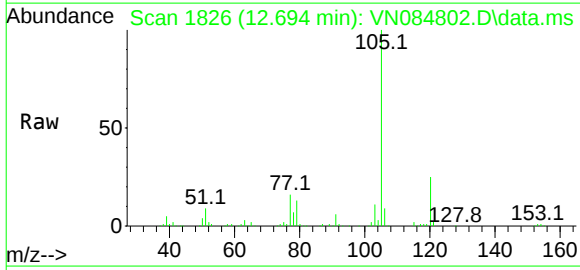
WC-TA1-02-G

Tgt Ion:105 Resp: 233033

Ion Ratio Lower Upper

105 100

120 25.5 12.9 38.7



#78

n-propylbenzene

Concen: 13.327 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084802.D

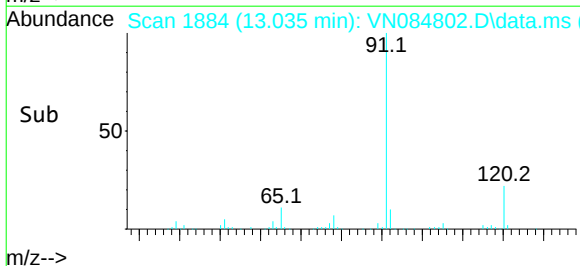
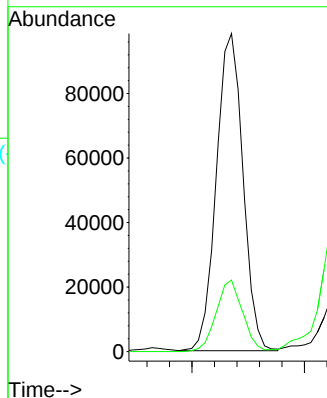
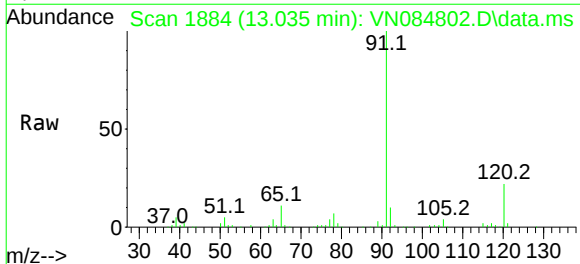
Acq: 12 Nov 2024 17:38

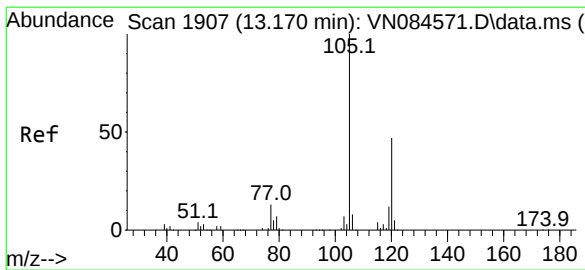
Tgt Ion: 91 Resp: 161637

Ion Ratio Lower Upper

91 100

120 22.5 10.8 32.4





#80

1,3,5-Trimethylbenzene

Concen: 13.492 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084802.D

Acq: 12 Nov 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

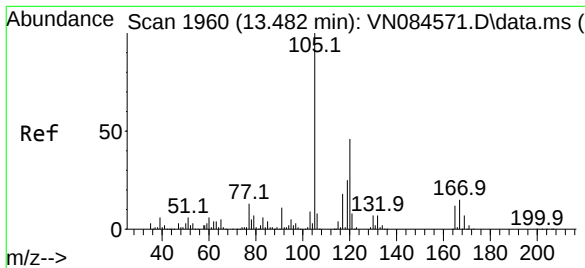
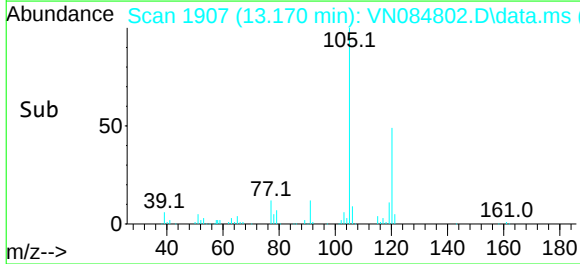
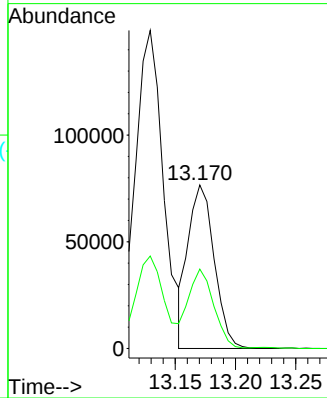
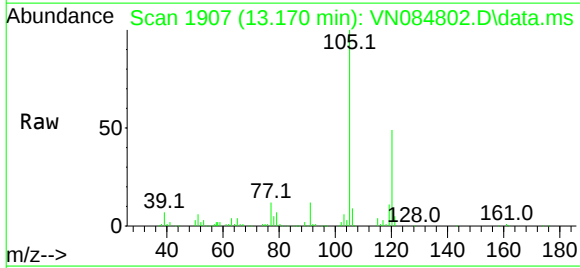
WC-TA1-02-G

Tgt Ion:105 Resp: 115740

Ion Ratio Lower Upper

105 100

120 46.1 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 71.993 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084802.D

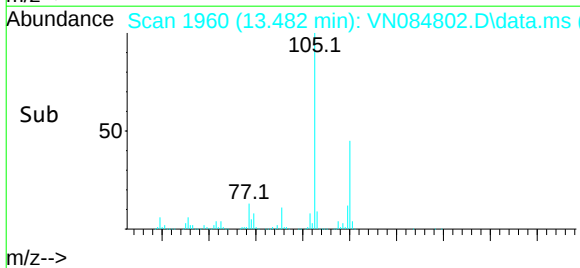
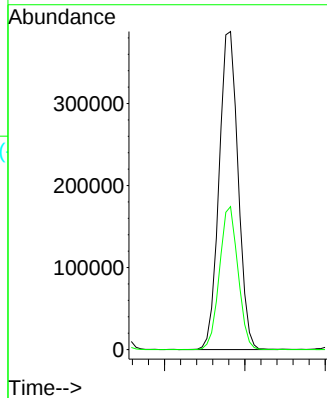
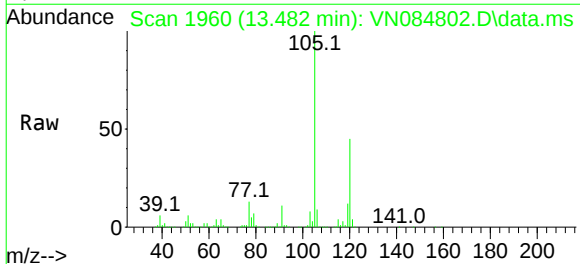
Acq: 12 Nov 2024 17:38

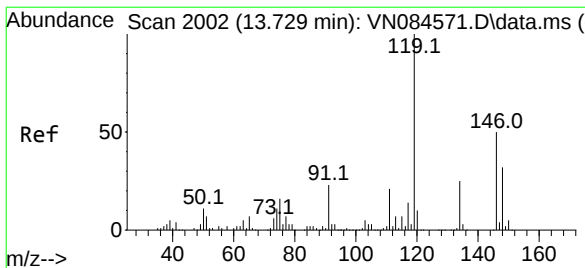
Tgt Ion:105 Resp: 637413

Ion Ratio Lower Upper

105 100

120 43.8 22.3 66.8





#86

p-Isopropyltoluene

Concen: 2.734 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084802.D

Acq: 12 Nov 2024 17:38

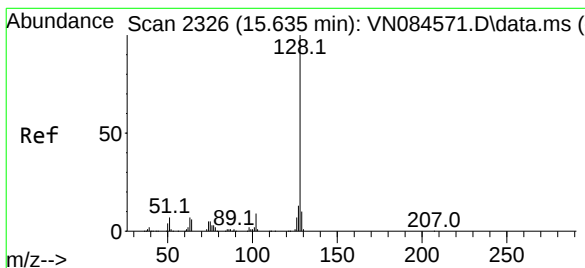
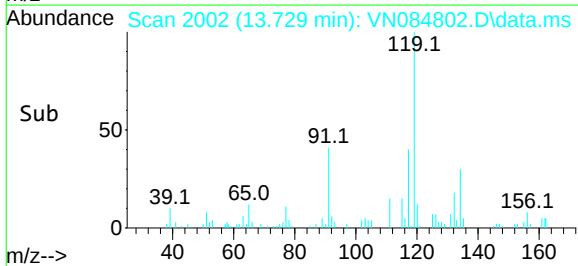
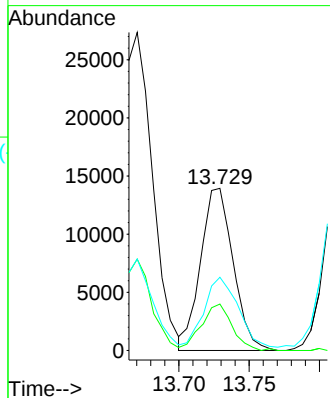
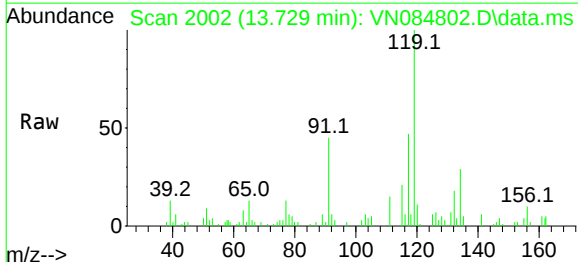
Instrument :

MSVOA_N

ClientSampleId :

WC-TA1-02-G

Tgt Ion:	119	Resp:	22488
Ion	Ratio	Lower	Upper
119	100		
134	27.2	12.6	37.8
91	0.0	12.4	37.2



#95

Naphthalene

Concen: 949.238 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084802.D

Acq: 12 Nov 2024 17:38

Tgt Ion:	128	Resp:	8114855
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.0	8.7	13.1

