

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084803.D
 Acq On : 12 Nov 2024 18:02
 Operator : JC\MD
 Sample : P4799-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Nov 13 02:34:34 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	180237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144126	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	120369	46.238	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.480%
35) Dibromofluoromethane	8.165	113	76973	36.985	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	73.960%#
50) Toluene-d8	10.565	98	361521	47.156	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.320%
62) 4-Bromofluorobenzene	12.847	95	154787	54.023	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.040%

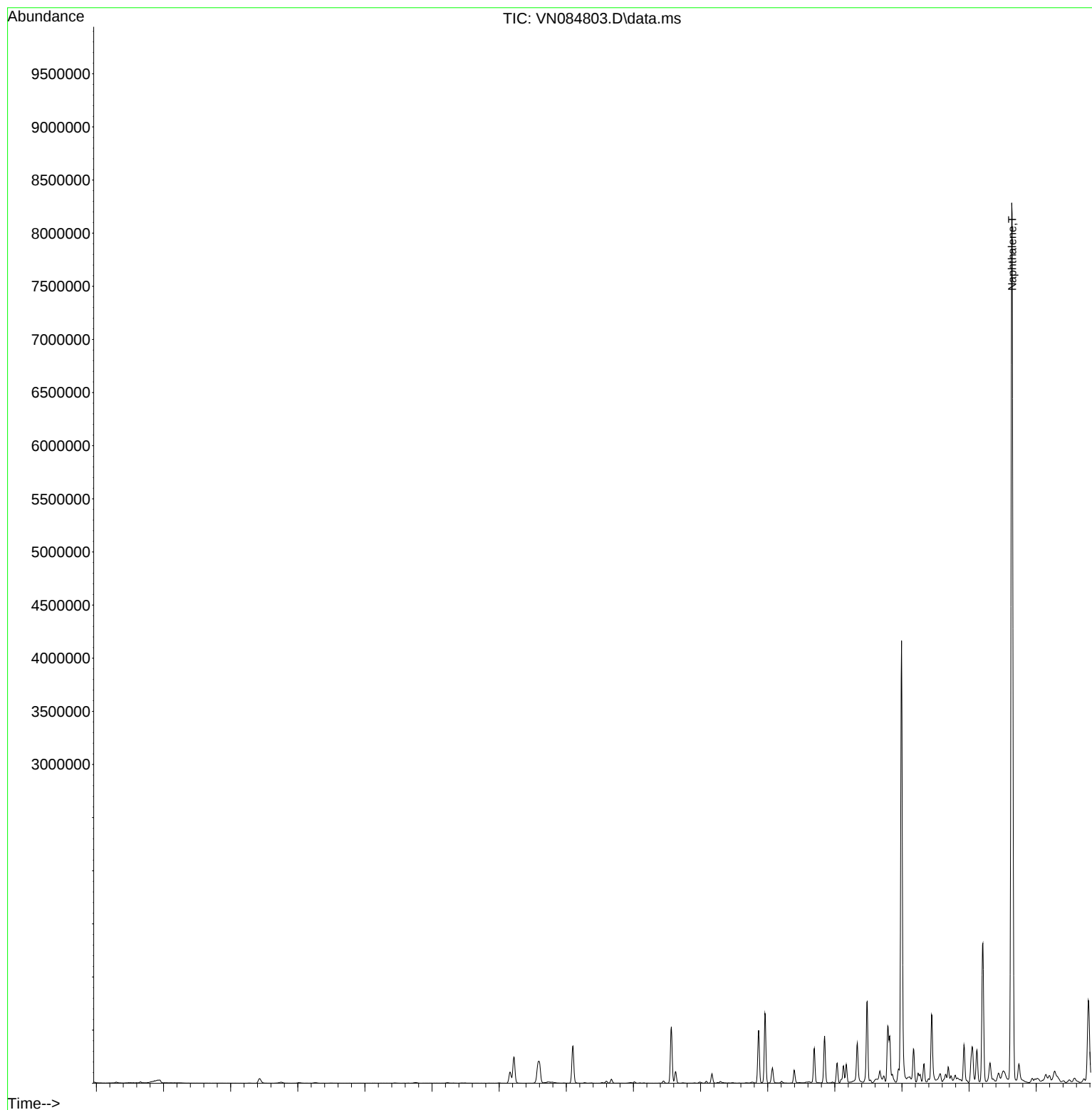
Target Compounds				Qvalue		
16) Acetone	4.430	43	83456	109.378	ug/l	96
20) Methylene Chloride	5.271	84	5107	2.231	ug/l #	79
39) Methylcyclohexane	9.594	83	4781	1.628	ug/l	91
40) Benzene	8.600	78	177481	19.147	ug/l	100
52) Toluene	10.624	92	48287	8.907	ug/l	100
67) Ethyl Benzene	11.959	91	486448	46.350	ug/l	97
68) m/p-Xylenes	12.071	106	46771	11.771	ug/l	96
69) o-Xylene	12.394	106	32035	8.619	ug/l	96
73) Isopropylbenzene	12.694	105	219792	21.762	ug/l	100
78) n-propylbenzene	13.035	91	149292	12.614	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	95871	11.453	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	453929	52.540	ug/l	99
86) p-Isopropyltoluene	13.729	119	17858	2.225	ug/l #	72
95) Naphthalene	15.641	128	7791126	933.951	ug/l	100

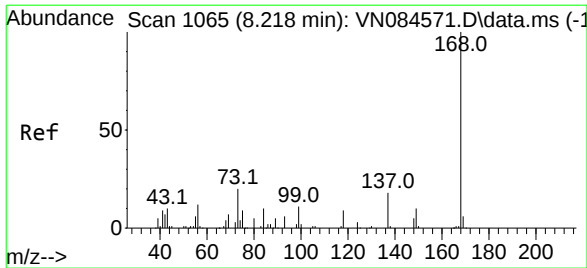
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 13 02:34:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
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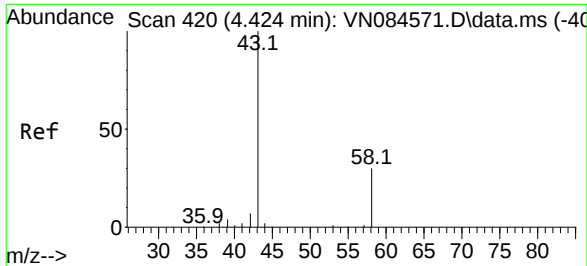
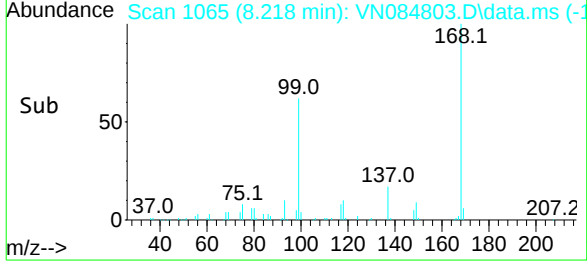
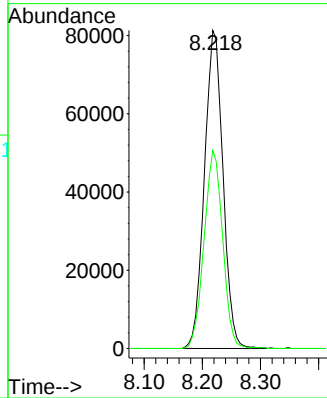
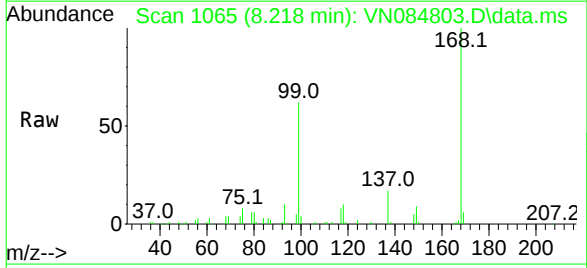




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084803.D
Acq: 12 Nov 2024 18:02

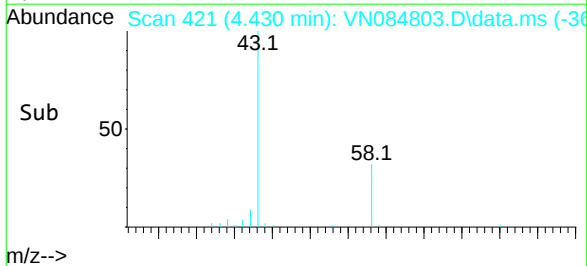
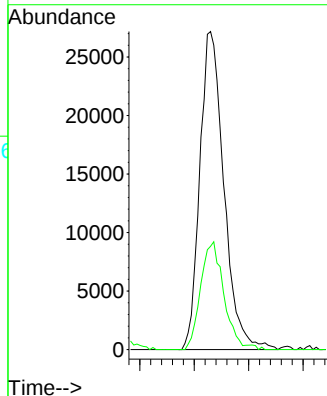
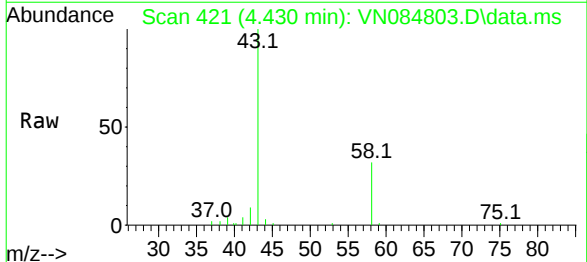
Instrument :
MSVOA_N
ClientSampleId :
WC-TA1-03-G

Tgt Ion:168 Resp: 180237
Ion Ratio Lower Upper
168 100
99 62.2 54.2 81.2



#16
Acetone
Concen: 109.378 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084803.D
Acq: 12 Nov 2024 18:02

Tgt Ion: 43 Resp: 83456
Ion Ratio Lower Upper
43 100
58 32.5 24.4 36.6

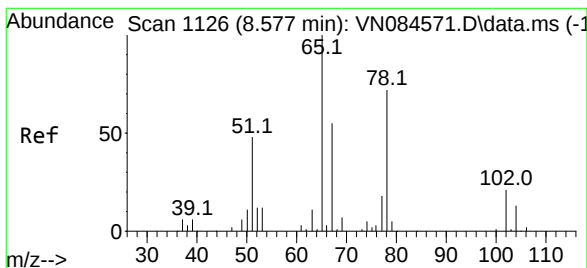
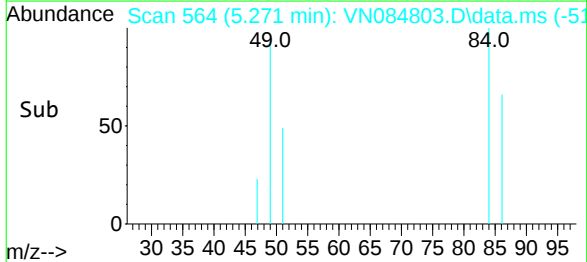
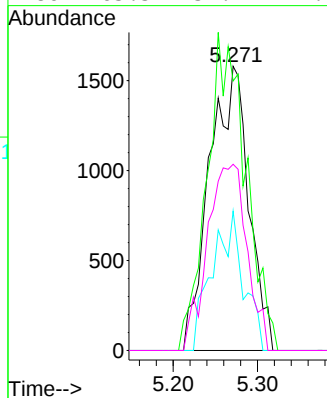
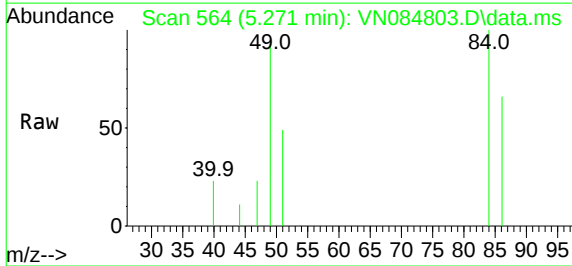




#20
Methylene Chloride
Concen: 2.231 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN084803.D
Acq: 12 Nov 2024 18:02

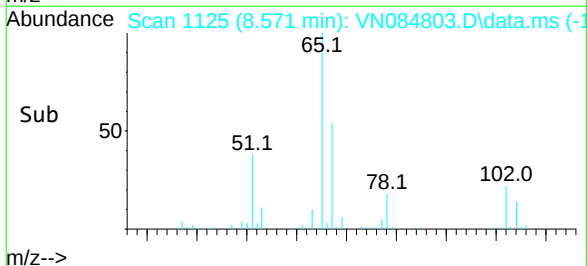
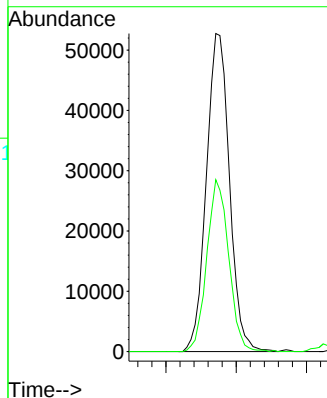
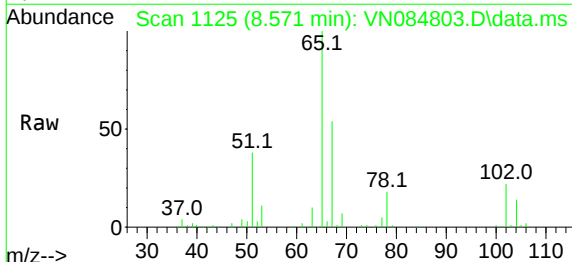
Instrument : MSVOA_N
ClientSampleId : WC-TA1-03-G

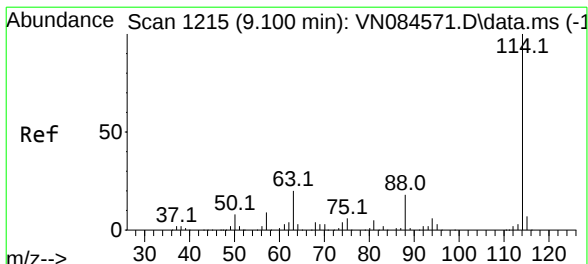
Tgt Ion:	84	Resp:	5107
Ion	Ratio	Lower	Upper
84	100		
49	94.8	107.2	160.8#
51	49.1	31.8	47.8#
86	65.5	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 46.238 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084803.D
Acq: 12 Nov 2024 18:02

Tgt Ion:	65	Resp:	120369
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.0

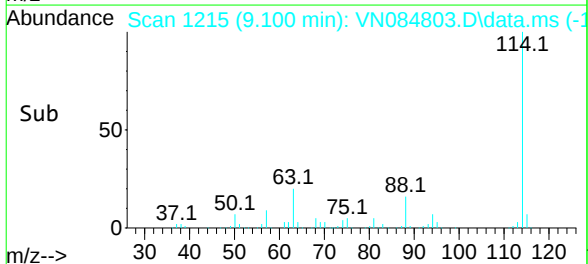
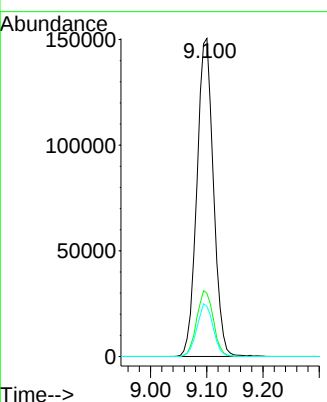
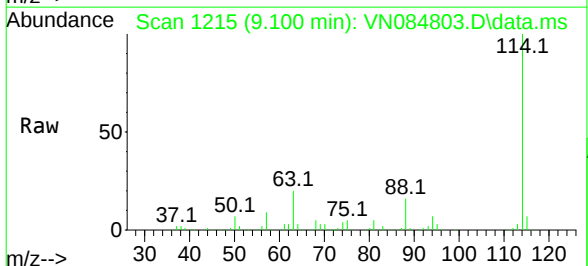




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN084803.D
 Acq: 12 Nov 2024 18:02

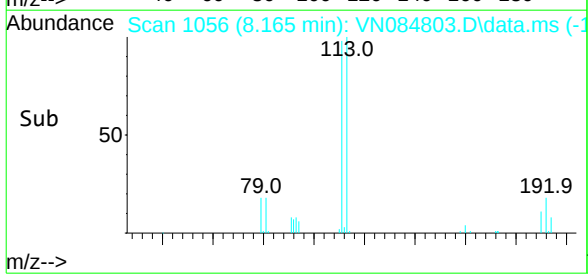
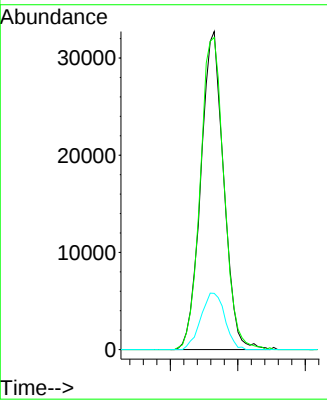
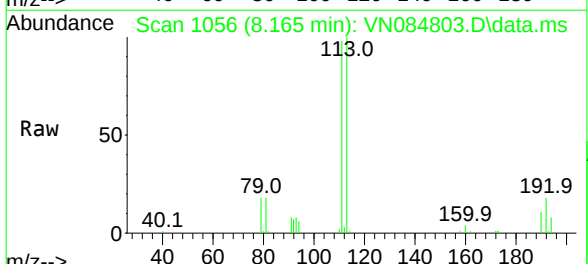
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-TA1-03-G

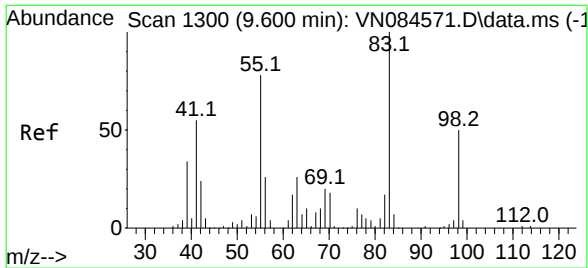
Tgt Ion:	114	Resp:	307472
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	43.8
88	15.8	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 36.985 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084803.D
 Acq: 12 Nov 2024 18:02

Tgt Ion:	113	Resp:	76973
Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.3	124.9
192	18.6	13.5	20.3

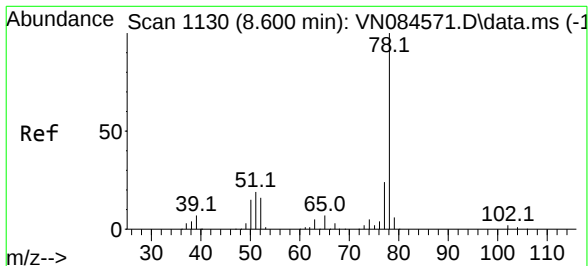
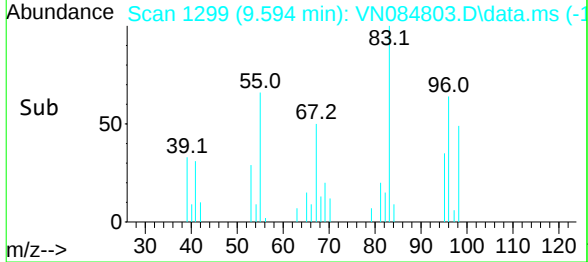
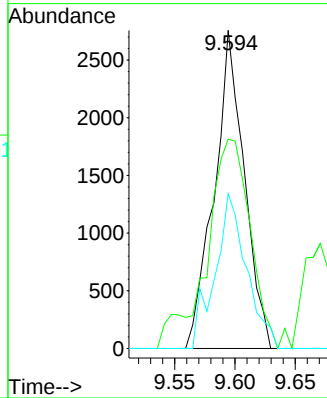
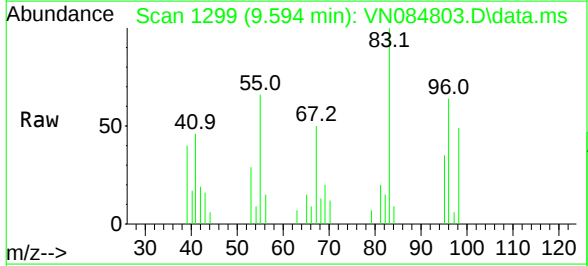




#39
Methylcyclohexane
Concen: 1.628 ug/l
RT: 9.594 min Scan# 12
Delta R.T. -0.006 min
Lab File: VN084803.D
Acq: 12 Nov 2024 18:02

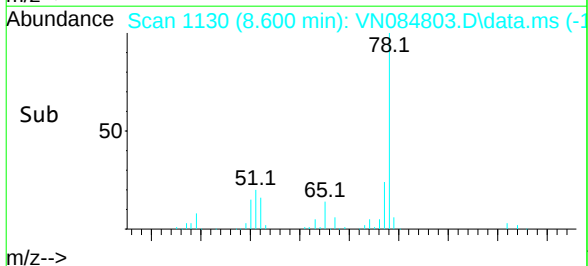
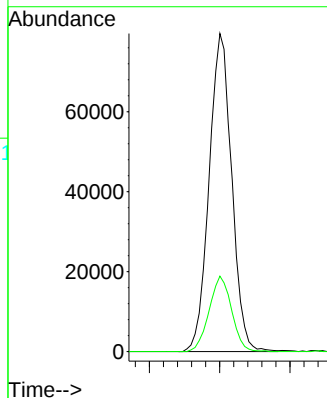
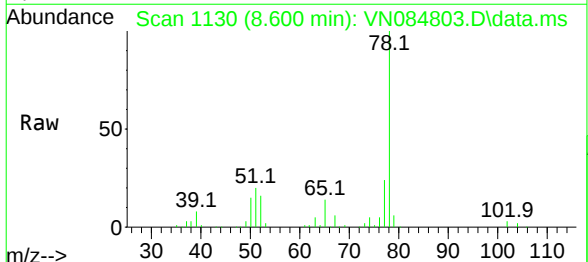
Instrument :
MSVOA_N
ClientSampleId :
WC-TA1-03-G

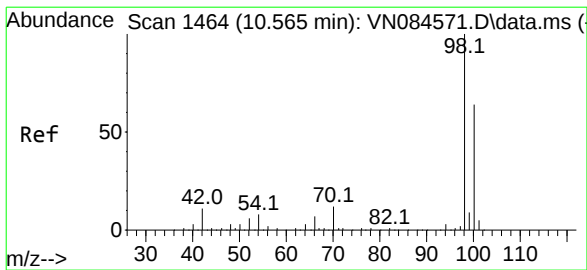
Tgt Ion:	83	Resp:	4781
Ion	Ratio	Lower	Upper
83	100		
55	65.8	62.8	94.2
98	48.7	38.8	58.2



#40
Benzene
Concen: 19.147 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084803.D
Acq: 12 Nov 2024 18:02

Tgt Ion:	78	Resp:	177481
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7





#50

Toluene-d8

Concen: 47.156 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084803.D

Acq: 12 Nov 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

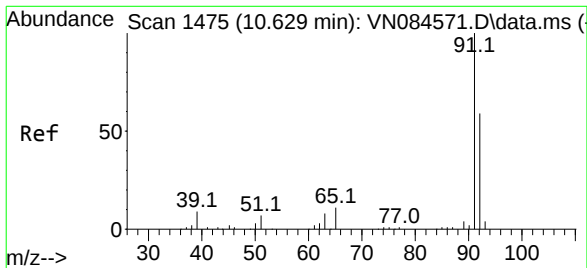
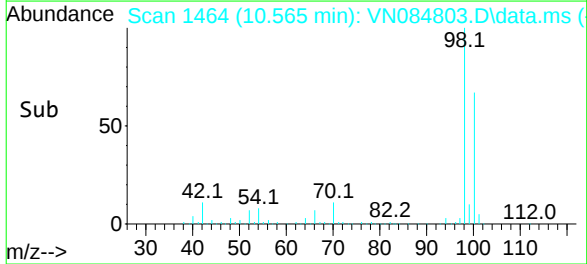
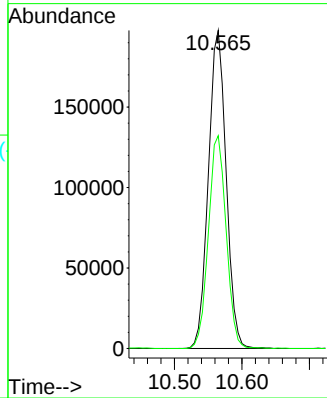
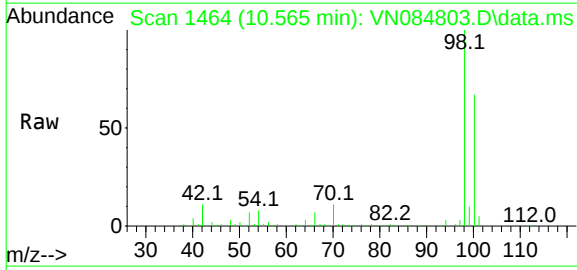
WC-TA1-03-G

Tgt Ion: 98 Resp: 361521

Ion Ratio Lower Upper

98 100

100 66.9 52.7 79.1



#52

Toluene

Concen: 8.907 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN084803.D

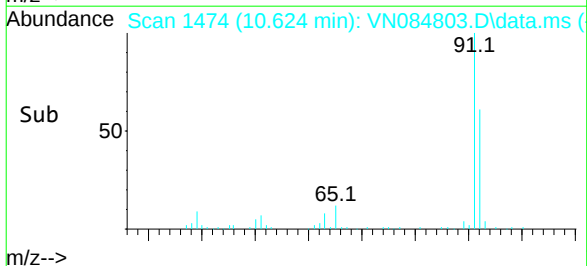
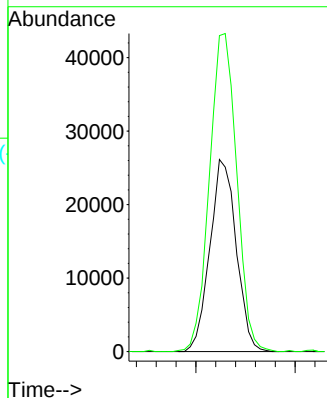
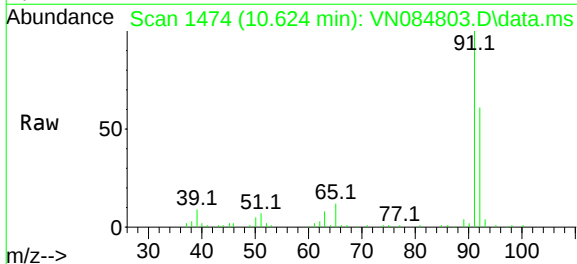
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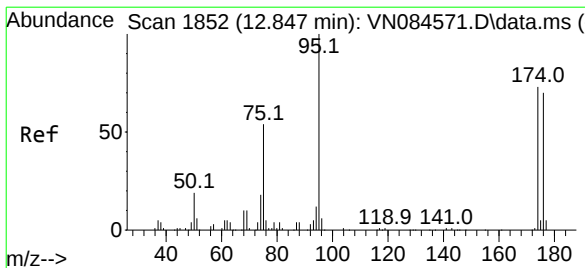
Tgt Ion: 92 Resp: 48287

Ion Ratio Lower Upper

92 100

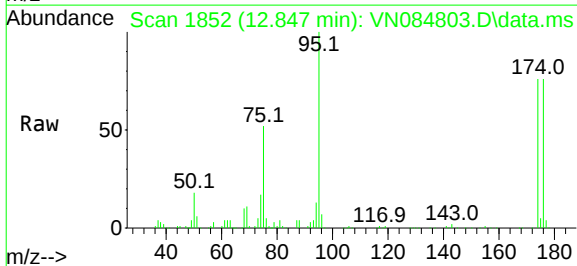
91 171.2 137.3 205.9



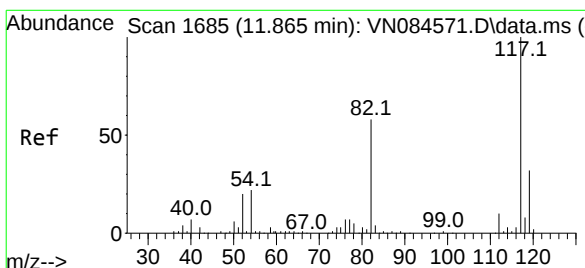
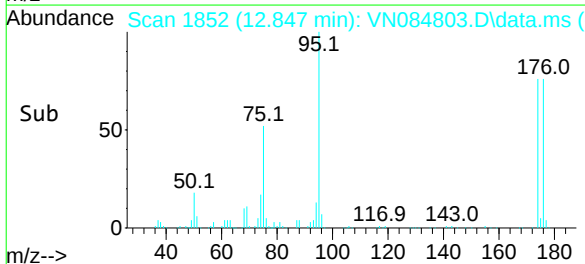
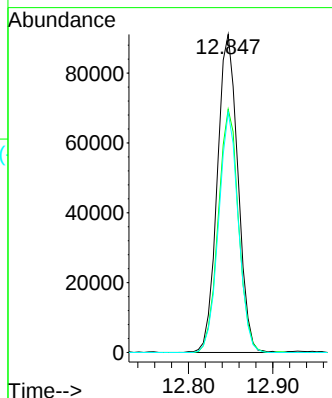


#62
4-Bromofluorobenzene
Concen: 54.023 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084803.D
Acq: 12 Nov 2024 18:02

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

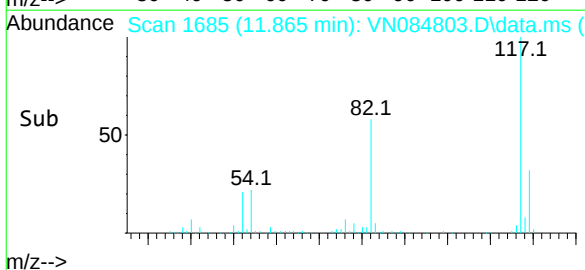
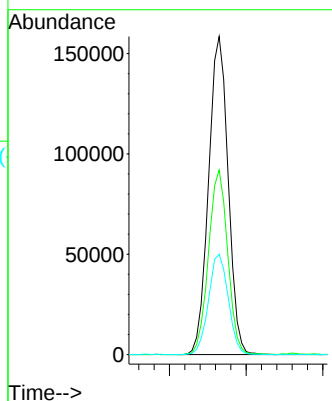
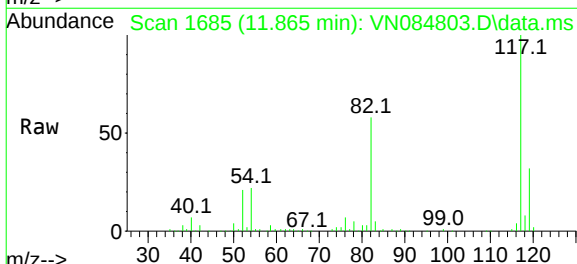


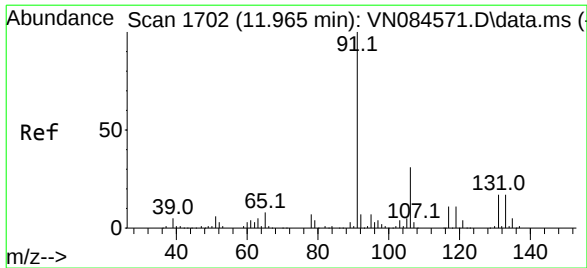
Tgt Ion: 95 Resp: 154787
Ion Ratio Lower Upper
95 100
174 75.1 0.0 145.2
176 72.1 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084803.D
Acq: 12 Nov 2024 18:02

Tgt Ion: 117 Resp: 281044
Ion Ratio Lower Upper
117 100
82 58.1 47.2 70.8
119 31.6 25.4 38.0

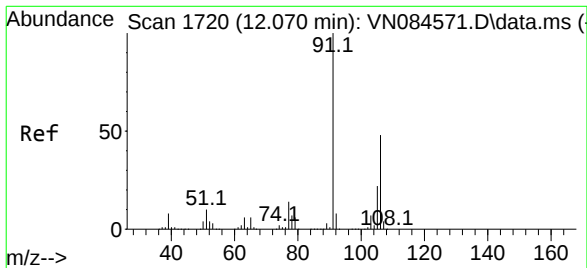
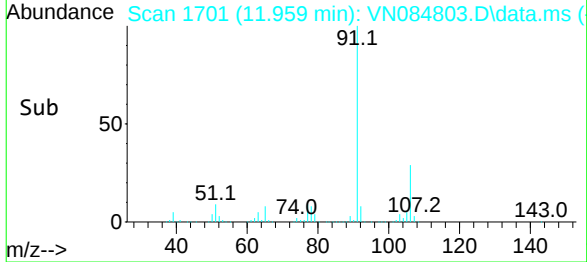
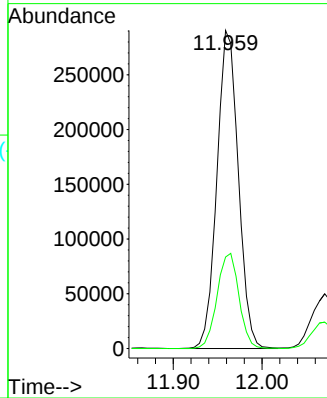
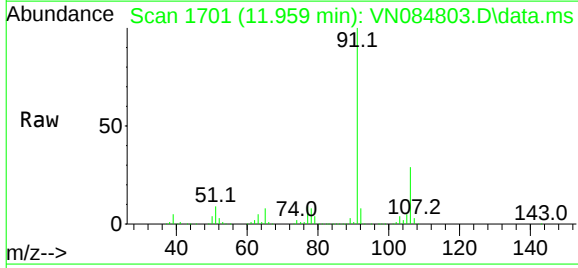




#67
Ethyl Benzene
Concen: 46.350 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084803.D
Acq: 12 Nov 2024 18:02

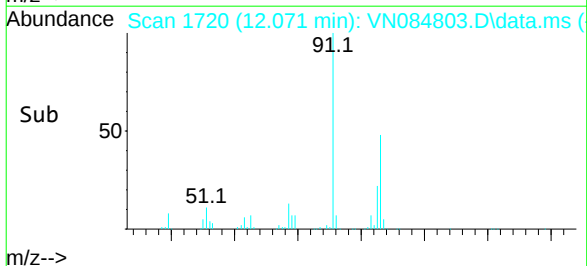
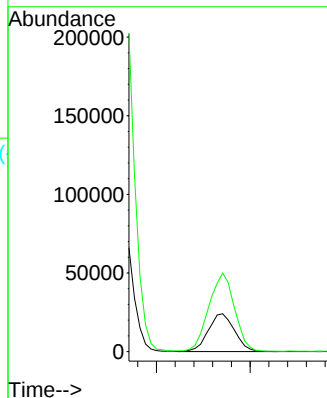
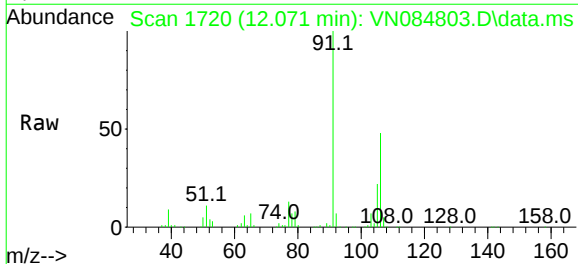
Instrument :
MSVOA_N
ClientSampleId :
WC-TA1-03-G

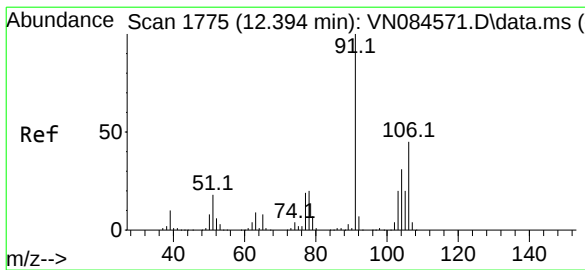
Tgt Ion: 91 Resp: 486448
Ion Ratio Lower Upper
91 100
106 28.8 24.5 36.7



#68
m/p-Xylenes
Concen: 11.771 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084803.D
Acq: 12 Nov 2024 18:02

Tgt Ion:106 Resp: 46771
Ion Ratio Lower Upper
106 100
91 203.1 167.1 250.7

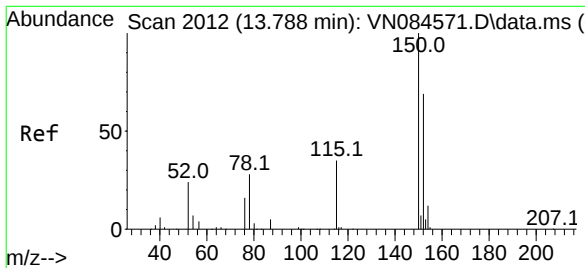
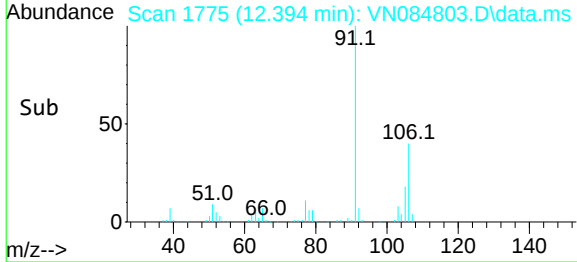
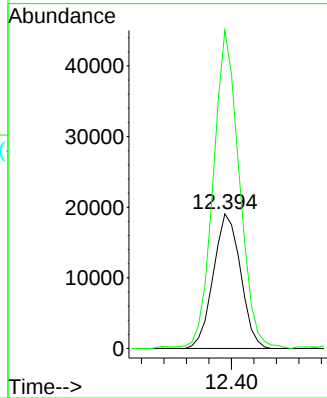
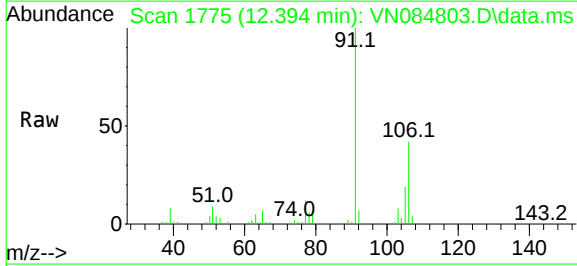




#69
o-Xylene
Concen: 8.619 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084803.D
Acq: 12 Nov 2024 18:02

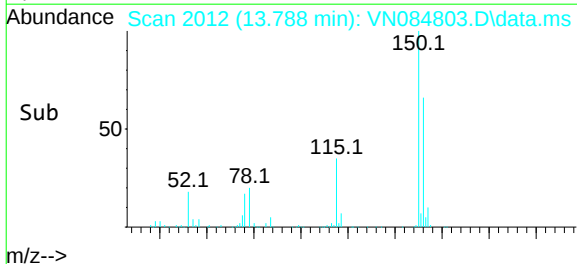
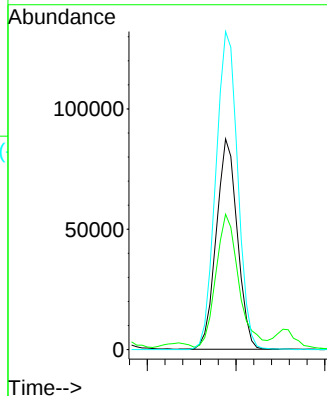
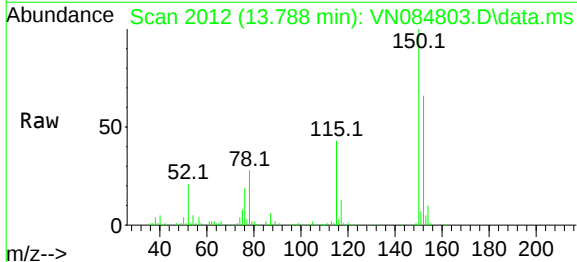
Instrument :
MSVOA_N
ClientSampleId :
WC-TA1-03-G

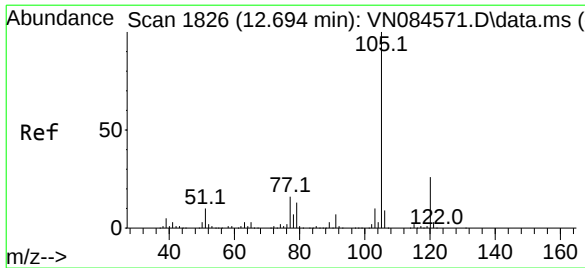
Tgt Ion:	106	Resp:	32035
Ion Ratio	Lower	Upper	
106	100		
91	226.9	110.2	330.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084803.D
Acq: 12 Nov 2024 18:02

Tgt Ion:	152	Resp:	144126
Ion Ratio	Lower	Upper	
152	100		
115	68.2	31.3	93.9
150	157.6	0.0	349.8





#73

Isopropylbenzene

Concen: 21.762 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084803.D

Acq: 12 Nov 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

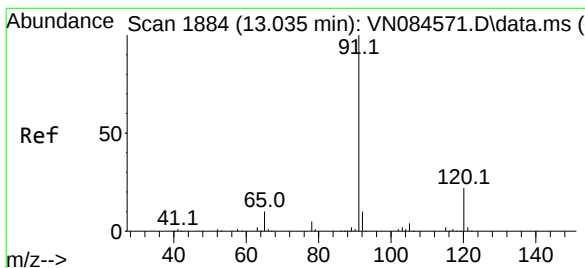
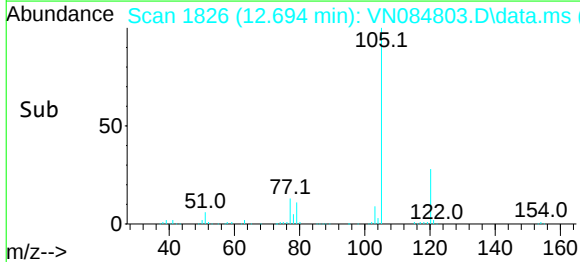
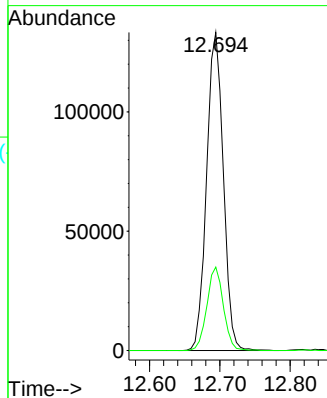
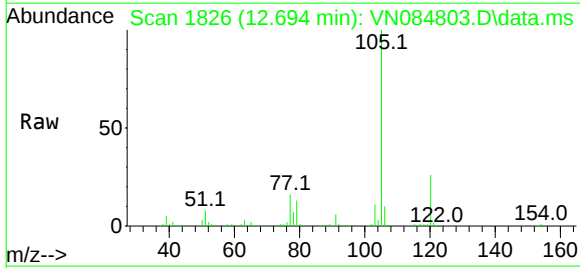
WC-TA1-03-G

Tgt Ion:105 Resp: 219792

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7



#78

n-propylbenzene

Concen: 12.614 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084803.D

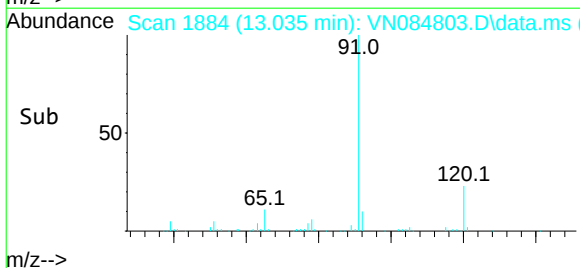
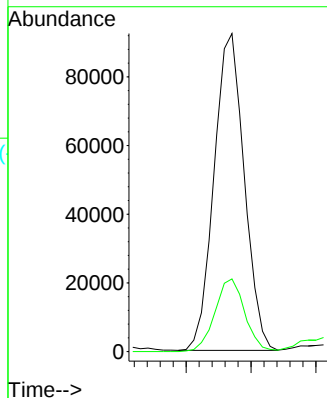
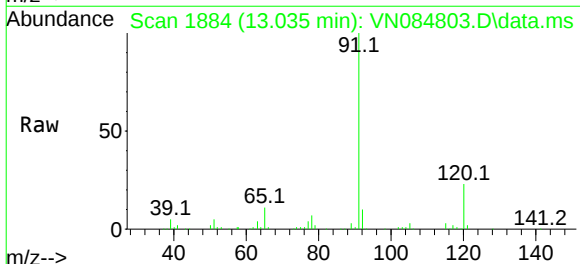
Acq: 12 Nov 2024 18:02

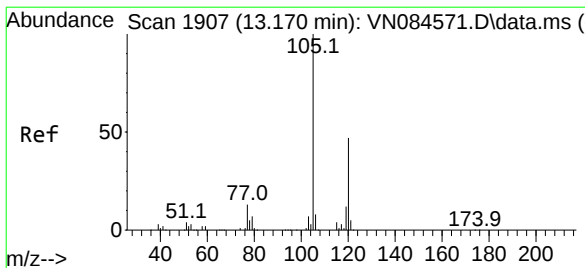
Tgt Ion: 91 Resp: 149292

Ion Ratio Lower Upper

91 100

120 22.7 10.8 32.4





#80

1,3,5-Trimethylbenzene

Concen: 11.453 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084803.D

Acq: 12 Nov 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

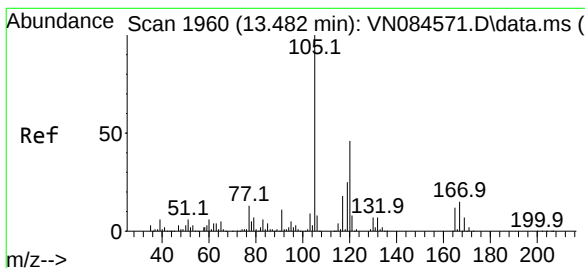
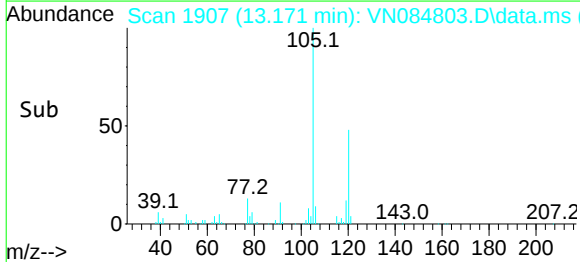
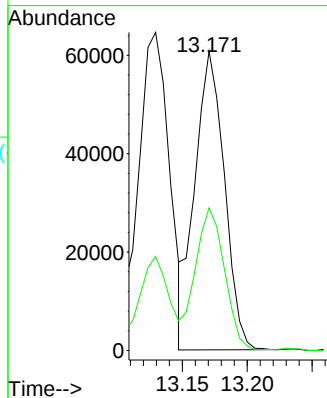
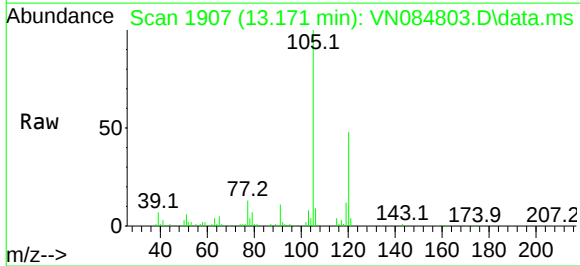
WC-TA1-03-G

Tgt Ion:105 Resp: 95871

Ion Ratio Lower Upper

105 100

120 47.0 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 52.540 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084803.D

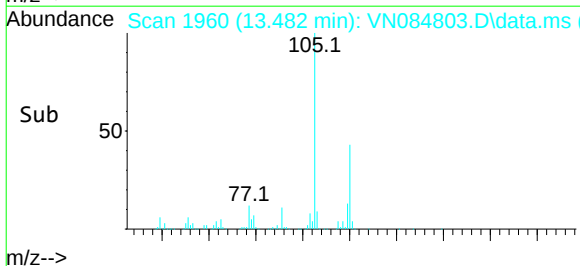
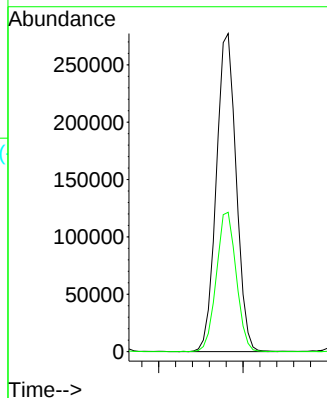
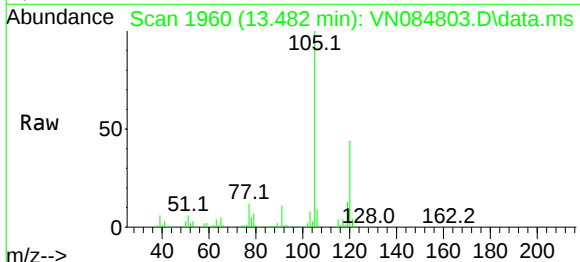
Acq: 12 Nov 2024 18:02

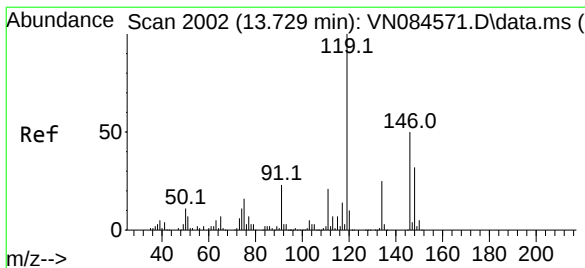
Tgt Ion:105 Resp: 453929

Ion Ratio Lower Upper

105 100

120 43.8 22.3 66.8

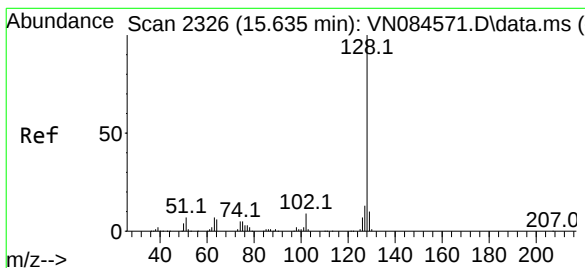
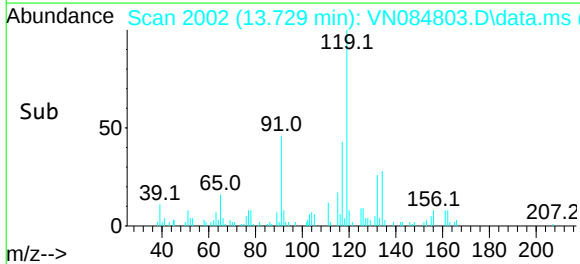
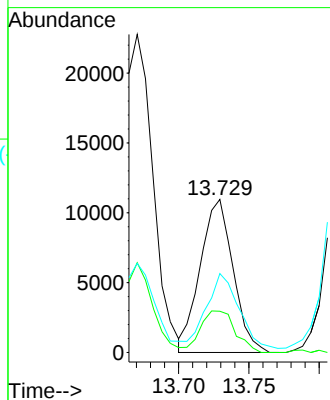
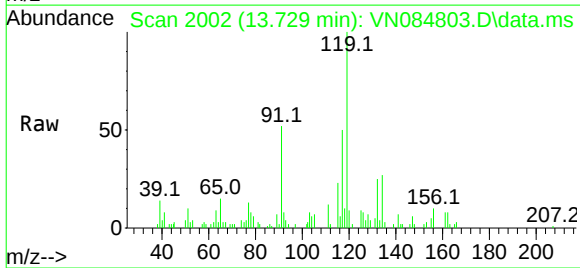




#86
p-Isopropyltoluene
Concen: 2.225 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084803.D
Acq: 12 Nov 2024 18:02

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

Tgt Ion:119 Resp: 17858
Ion Ratio Lower Upper
119 100
134 28.8 12.6 37.8
91 0.0 12.4 37.2#



#95
Naphthalene
Concen: 933.951 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084803.D
Acq: 12 Nov 2024 18:02

Tgt Ion:128 Resp: 7791126
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.7 13.1

