

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
 Data File : VN084920.D
 Acq On : 18 Nov 2024 15:16
 Operator : JC\MD
 Sample : P4843-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-WTS-01

Quant Time: Nov 19 00:27:21 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)

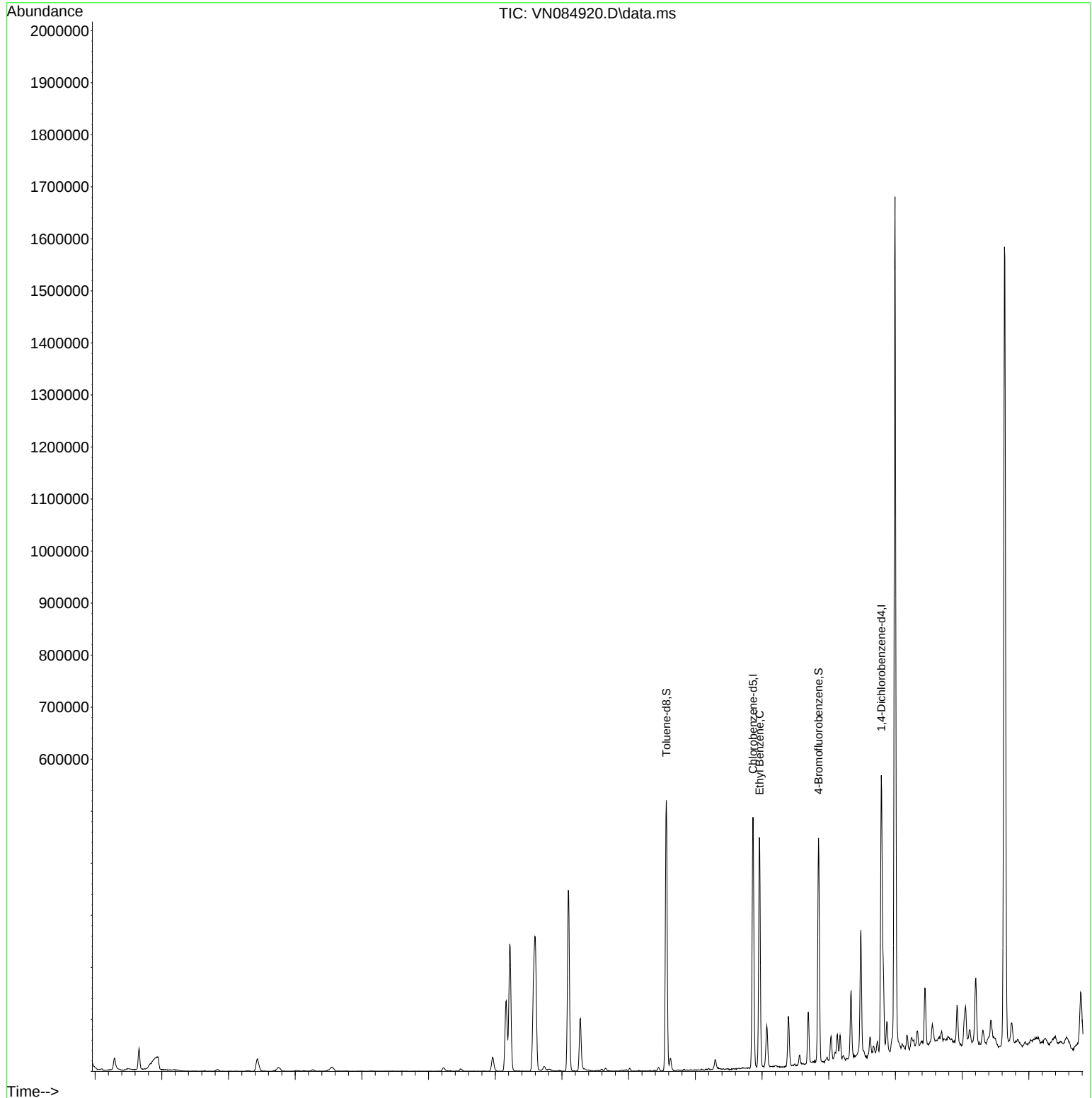
Internal Standards						
1) Pentafluorobenzene	8.224	168	173985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	121923	48.518	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.040%		
35) Dibromofluoromethane	8.159	113	97380	47.352	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.700%		
50) Toluene-d8	10.565	98	364528	48.119	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.240%		
62) 4-Bromofluorobenzene	12.847	95	159371	56.290	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	112.580%		
Target Compounds						Qvalue
16) Acetone	4.430	43	44797	59.540	ug/l	100
25) 2-Butanone	7.488	43	5975	5.097	ug/l	96
30) Chloroform	7.959	83	27144	6.957	ug/l	95
39) Methylcyclohexane	9.600	83	1741	0.600	ug/l #	75
40) Benzene	8.600	78	232505	25.384	ug/l	99
52) Toluene	10.629	92	9778	1.825	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	968	0.293	ug/l	92
65) Chlorobenzene	11.888	112	1892	0.300	ug/l #	69
67) Ethyl Benzene	11.965	91	335981	31.939	ug/l	98
68) m/p-Xylenes	12.071	106	25300	6.353	ug/l	99
69) o-Xylene	12.394	106	25242	6.775	ug/l	92
70) Styrene	12.412	104	5448	0.838	ug/l #	30
73) Isopropylbenzene	12.694	105	65851	6.644	ug/l	100
77) Bromobenzene	12.982	156	1393	0.523	ug/l	70
78) n-propylbenzene	13.035	91	36627	3.153	ug/l	94
80) 1,3,5-Trimethylbenzene	13.170	105	22080	2.688	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	137377	16.203	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	3321	0.639	ug/l #	78
91) 1,2-Dichlorobenzene	14.100	146	2538	0.508	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	3253	1.189	ug/l	88
94) Hexachlorobutadiene	15.506	225	705	0.587	ug/l #	67
96) 1,2,3-Trichlorobenzene	15.835	180	2867	1.080	ug/l	95

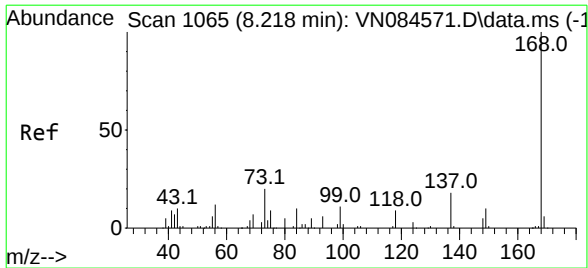
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
Data File : VN084920.D
Acq On : 18 Nov 2024 15:16
Operator : JC\MD
Sample : P4843-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

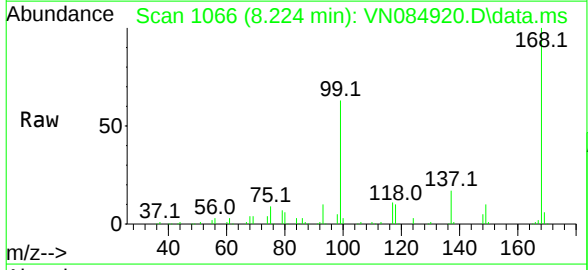
Quant Time: Nov 19 00:27:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration



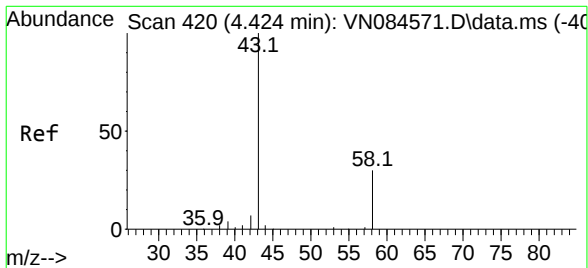
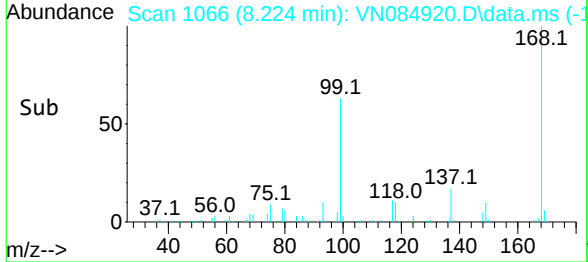
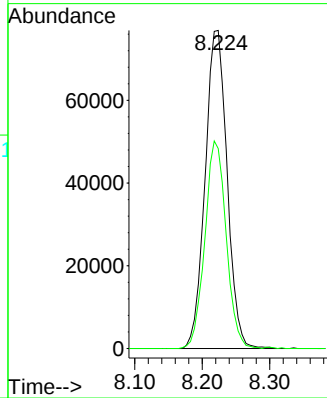


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN084920.D
 Acq: 18 Nov 2024 15:16

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-WTS-01

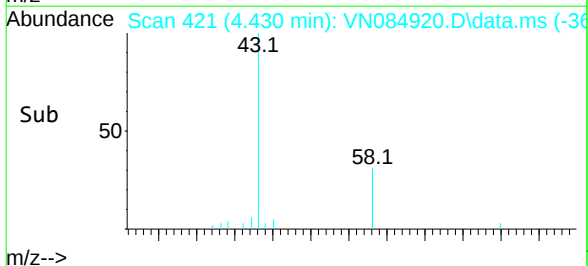
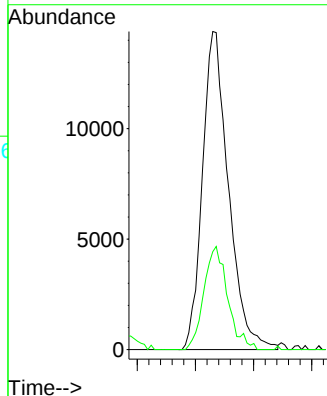
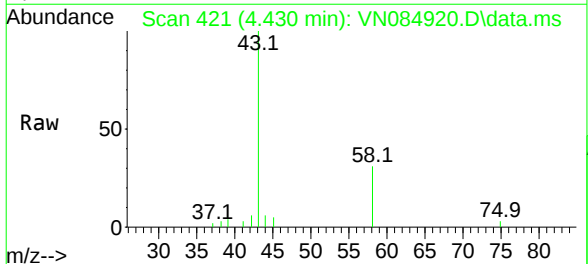


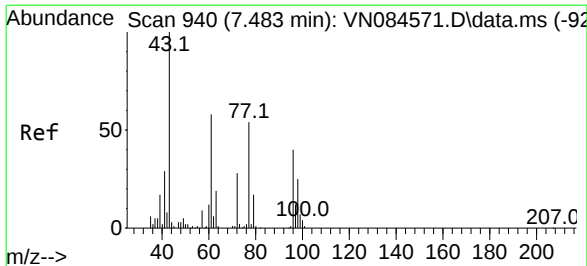
Tgt Ion: 168 Resp: 173985
 Ion Ratio Lower Upper
 168 100
 99 62.9 54.2 81.2



#16
 Acetone
 Concen: 59.540 ug/l
 RT: 4.430 min Scan# 421
 Delta R.T. 0.006 min
 Lab File: VN084920.D
 Acq: 18 Nov 2024 15:16

Tgt Ion: 43 Resp: 44797
 Ion Ratio Lower Upper
 43 100
 58 30.8 24.4 36.6

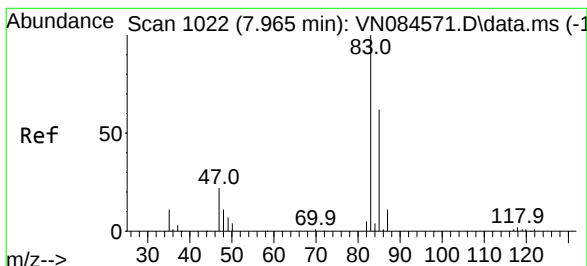
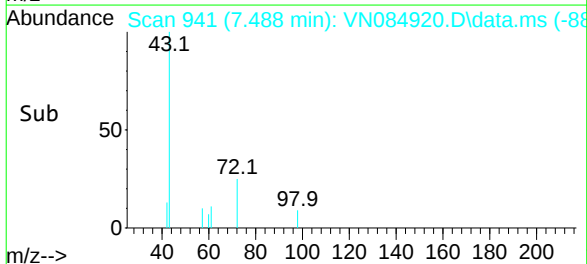
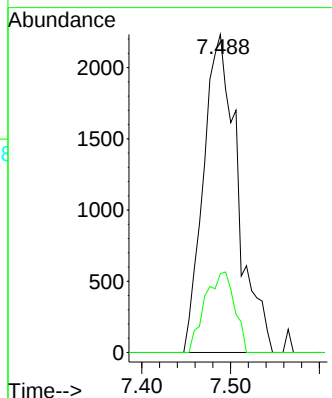
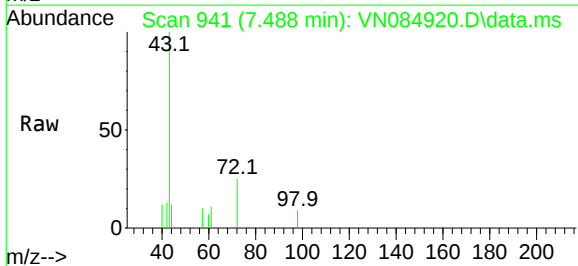




#25
2-Butanone
Concen: 5.097 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

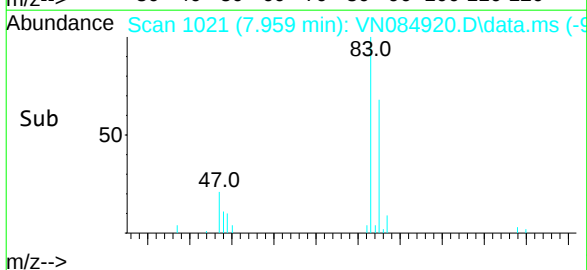
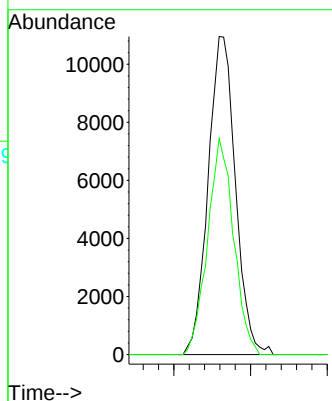
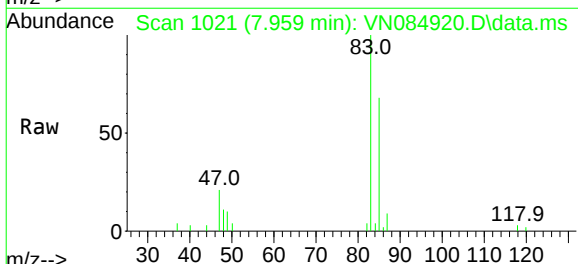
Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

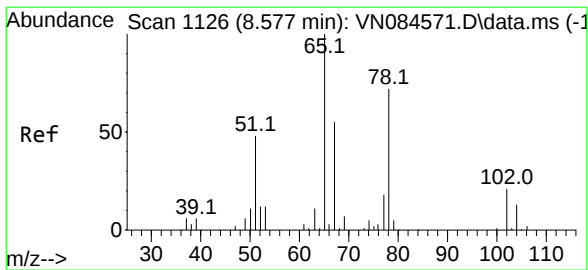
Tgt Ion: 43 Resp: 5975
Ion Ratio Lower Upper
43 100
72 24.8 21.4 32.2



#30
Chloroform
Concen: 6.957 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Tgt Ion: 83 Resp: 27144
Ion Ratio Lower Upper
83 100
85 68.0 51.0 76.4

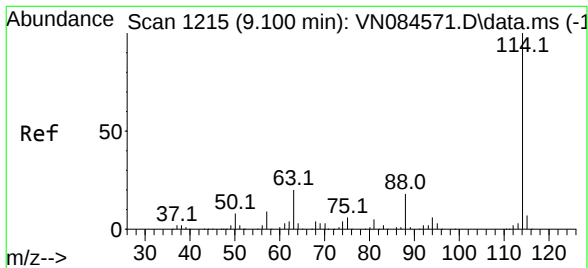
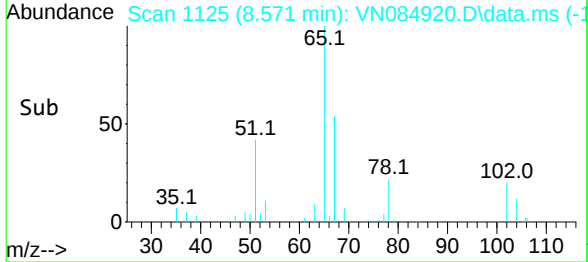
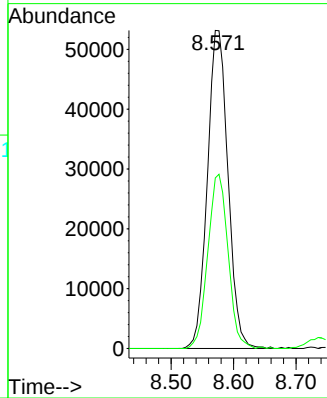
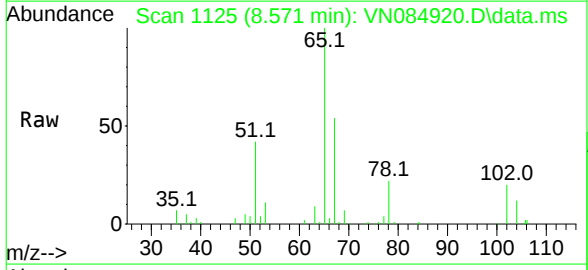




#33
1,2-Dichloroethane-d4
Concen: 48.518 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

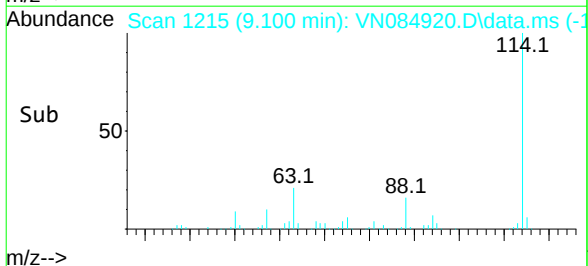
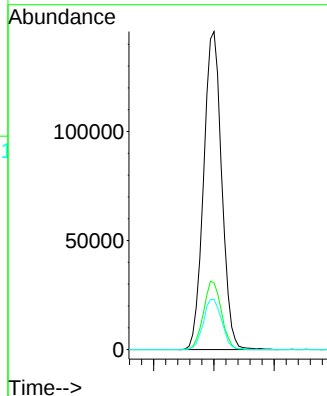
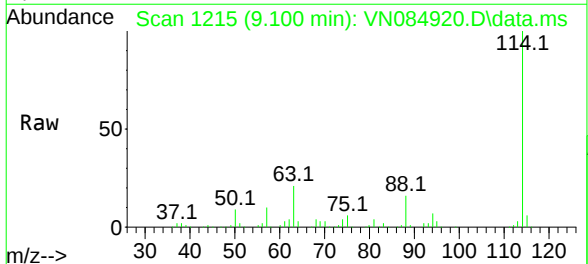
Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

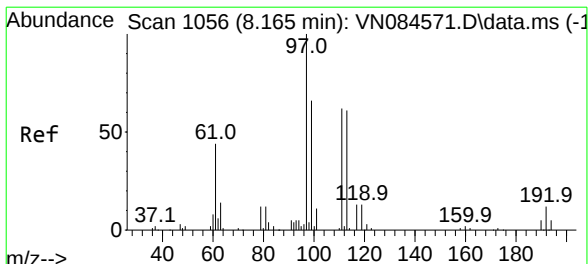
Tgt Ion: 65 Resp: 121923
Ion Ratio Lower Upper
65 100
67 53.7 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Tgt Ion: 114 Resp: 303825
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.8
88 15.8 0.0 31.6

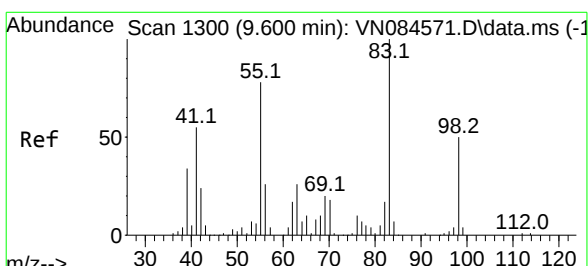
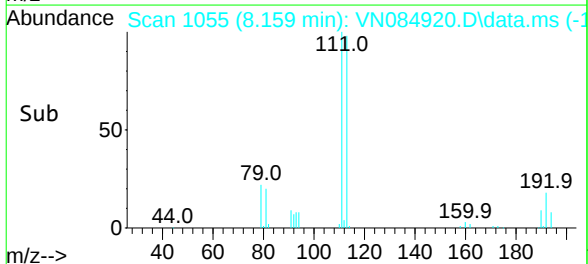
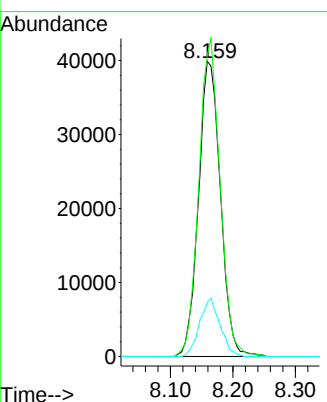
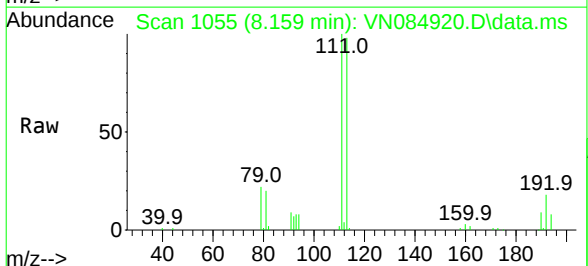




#35
 Dibromofluoromethane
 Concen: 47.352 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084920.D
 Acq: 18 Nov 2024 15:16

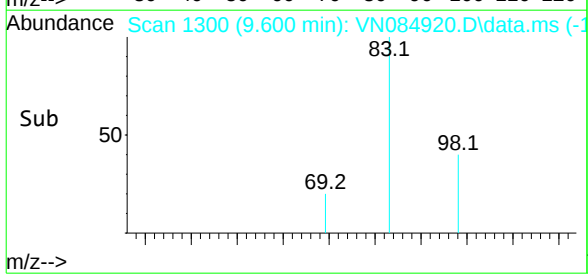
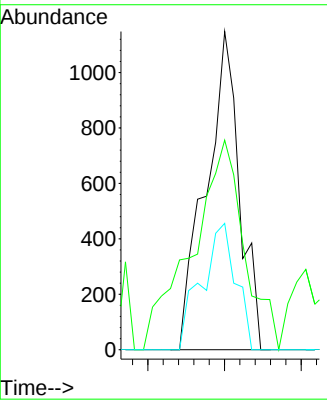
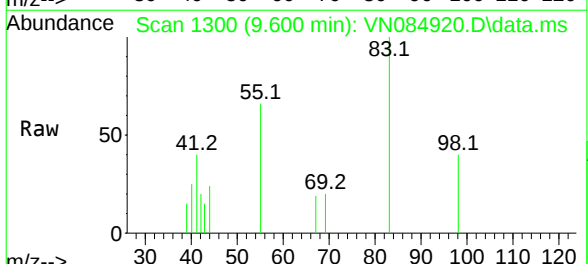
Instrument :
 MSVOA_N
 ClientSampleId :
 SW-WTS-01

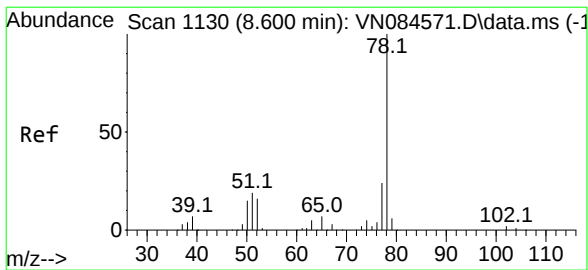
Tgt Ion:	113	Resp:	97380
Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.3	124.9
192	18.4	13.5	20.3



#39
 Methylcyclohexane
 Concen: 0.600 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. -0.000 min
 Lab File: VN084920.D
 Acq: 18 Nov 2024 15:16

Tgt Ion:	83	Resp:	1741
Ion	Ratio	Lower	Upper
83	100		
55	50.1	62.8	94.2#
98	39.7	38.8	58.2





#40

Benzene

Concen: 25.384 ug/l

RT: 8.600 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

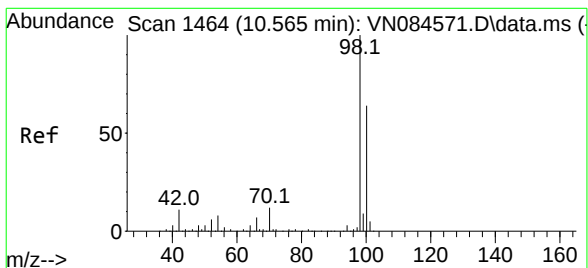
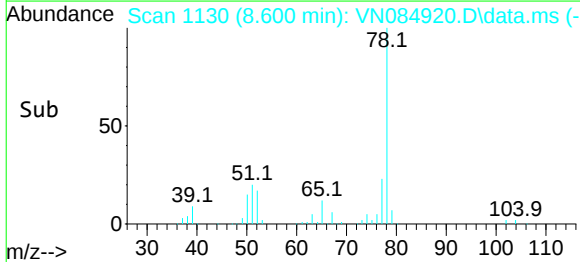
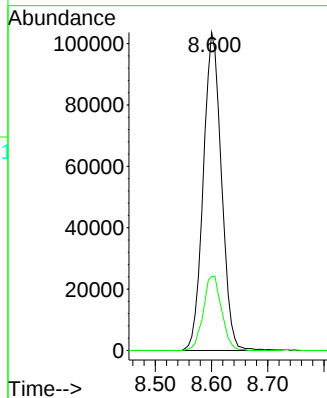
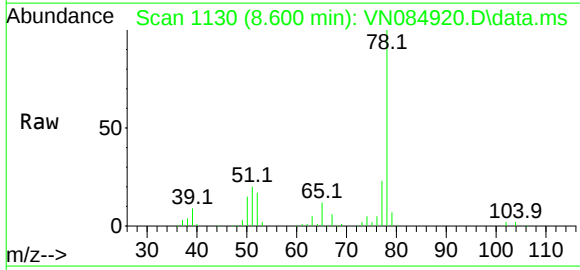
SW-WTS-01

Tgt Ion: 78 Resp: 232505

Ion Ratio Lower Upper

78 100

77 23.2 19.1 28.7



#50

Toluene-d8

Concen: 48.119 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084920.D

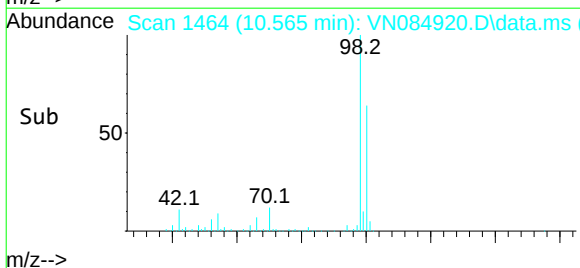
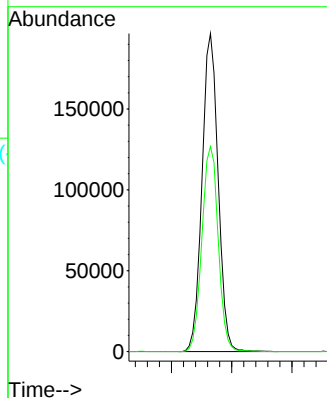
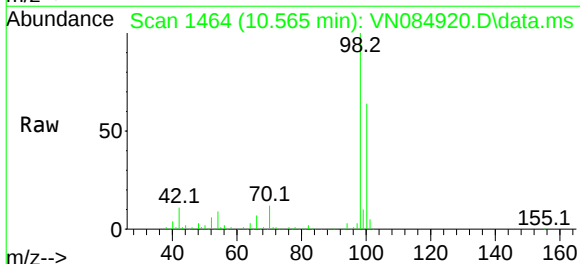
Acq: 18 Nov 2024 15:16

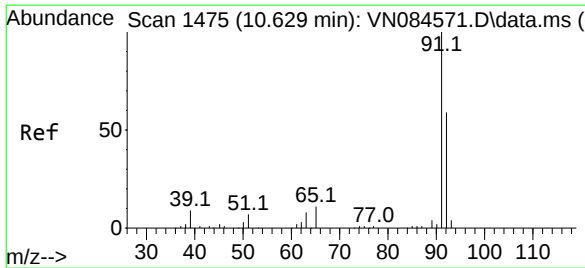
Tgt Ion: 98 Resp: 364528

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1





#52

Toluene

Concen: 1.825 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

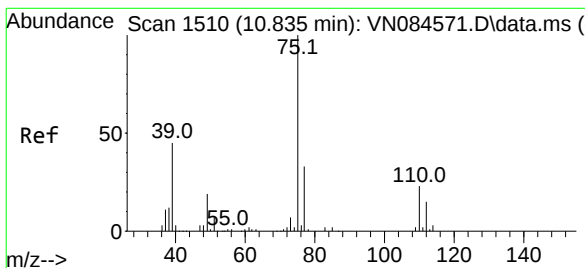
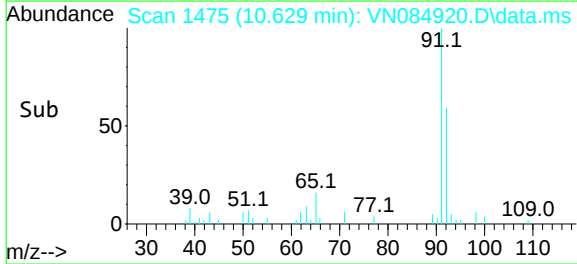
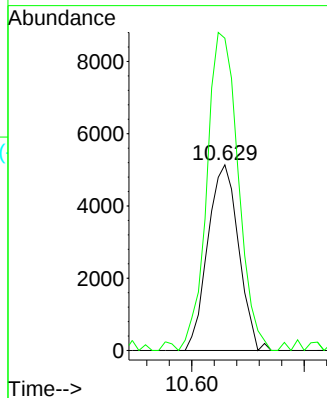
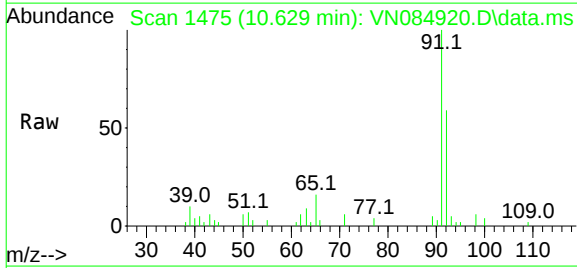
SW-WTS-01

Tgt Ion: 92 Resp: 9778

Ion Ratio Lower Upper

92 100

91 175.9 137.3 205.9



#53

t-1,3-Dichloropropene

Concen: 0.293 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN084920.D

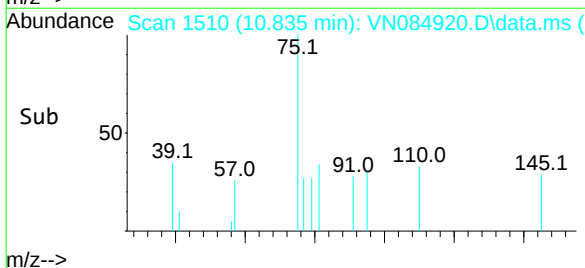
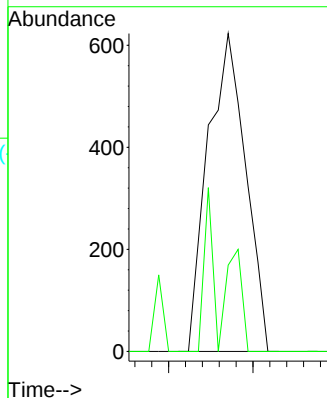
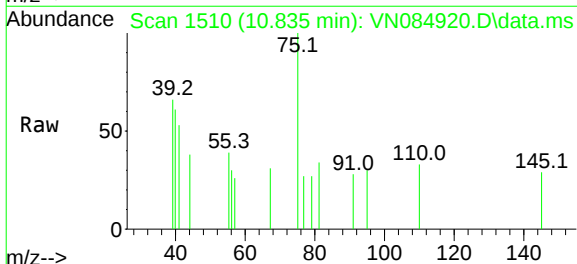
Acq: 18 Nov 2024 15:16

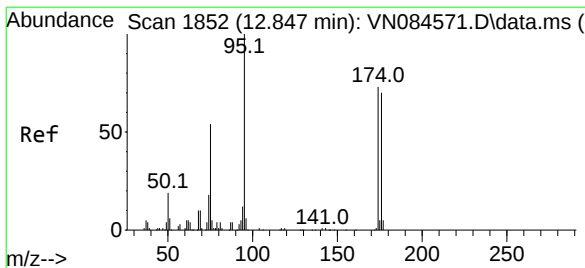
Tgt Ion: 75 Resp: 968

Ion Ratio Lower Upper

75 100

77 27.1 25.4 38.0





#62

4-Bromofluorobenzene

Concen: 56.290 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

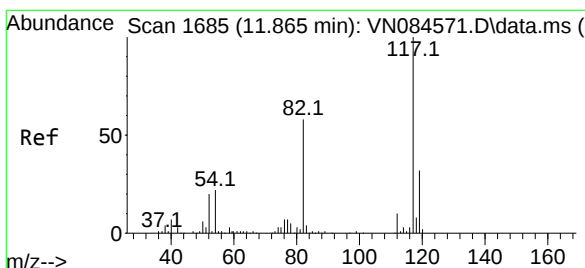
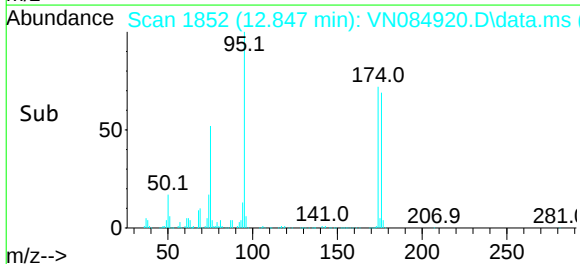
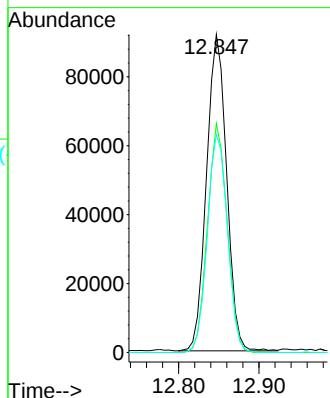
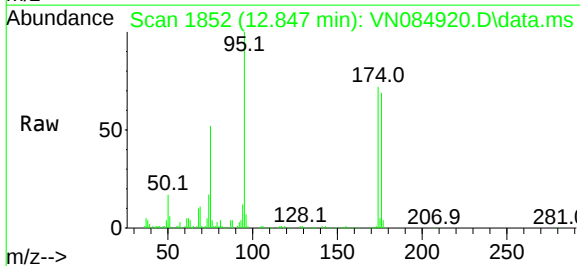
Instrument :

MSVOA_N

ClientSampleId :

SW-WTS-01

Tgt Ion:	95	Resp:	159371
Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	145.2
176	68.9	0.0	140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

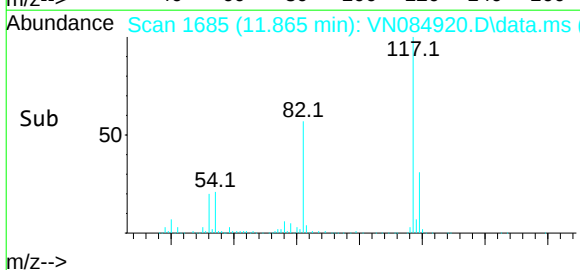
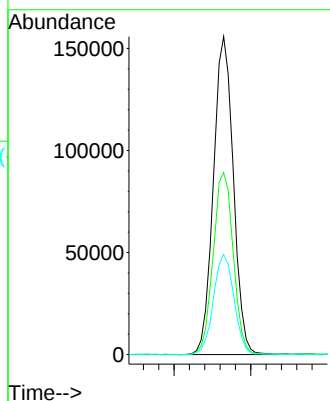
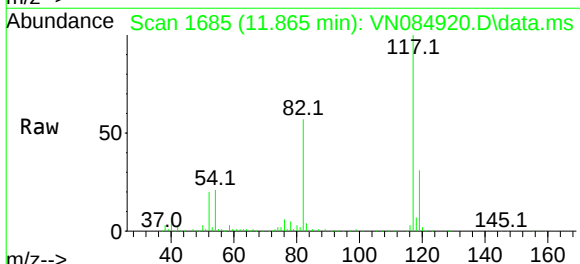
RT: 11.865 min Scan# 1685

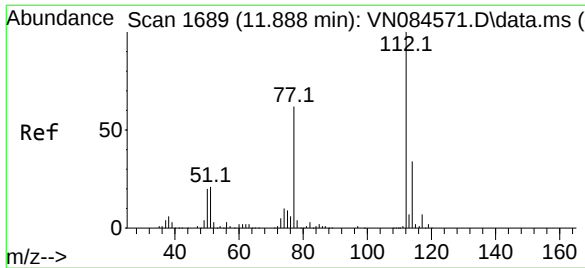
Delta R.T. -0.000 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

Tgt Ion:	117	Resp:	281691
Ion	Ratio	Lower	Upper
117	100		
82	57.2	47.2	70.8
119	31.5	25.4	38.0





#65

Chlorobenzene

Concen: 0.300 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

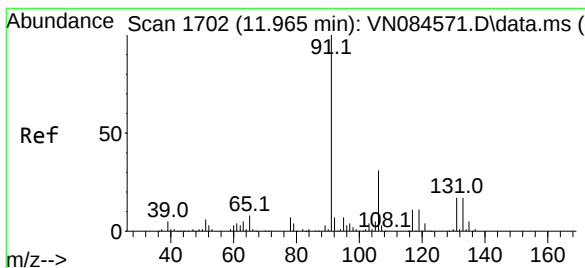
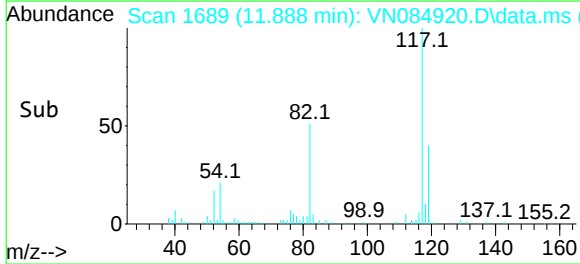
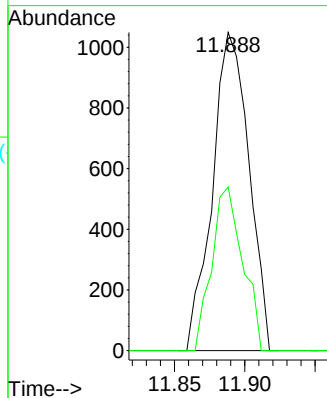
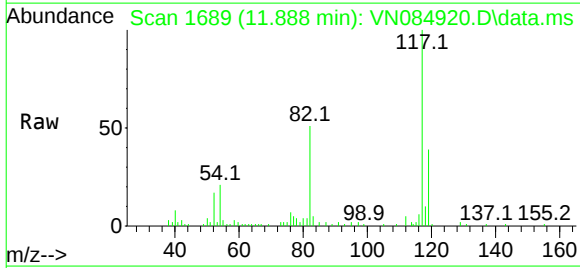
SW-WTS-01

Tgt Ion:112 Resp: 1892

Ion Ratio Lower Upper

112 100

114 51.4 27.0 40.6#



#67

Ethyl Benzene

Concen: 31.939 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN084920.D

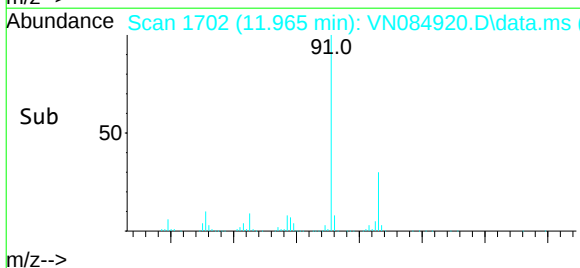
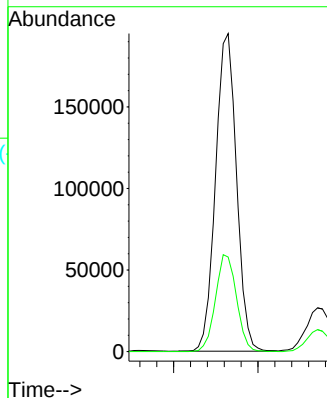
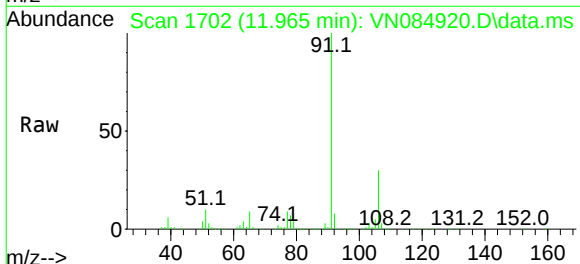
Acq: 18 Nov 2024 15:16

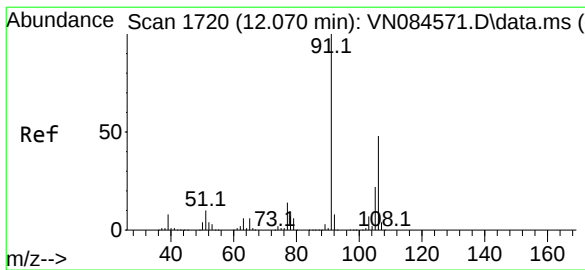
Tgt Ion: 91 Resp: 335981

Ion Ratio Lower Upper

91 100

106 29.8 24.5 36.7

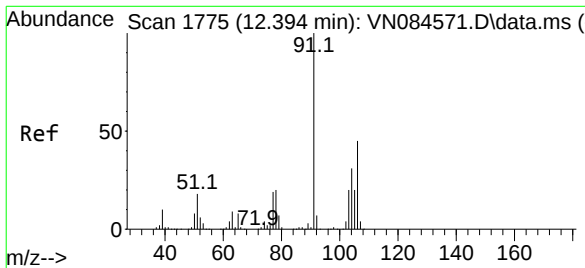
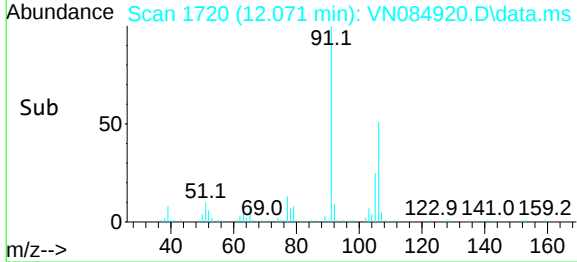
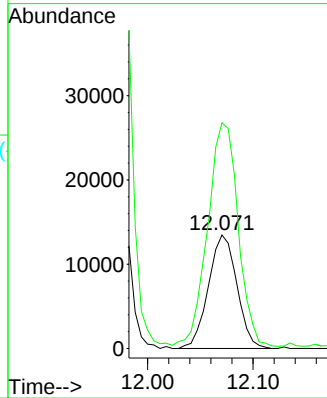
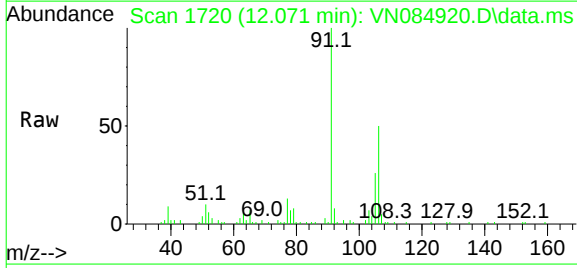




#68
m/p-Xylenes
Concen: 6.353 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

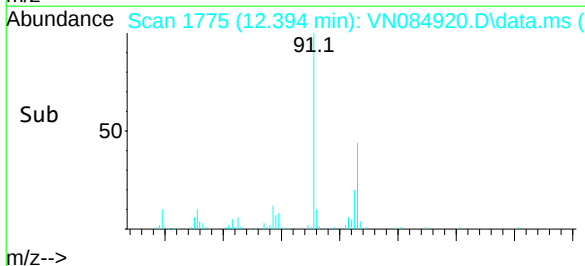
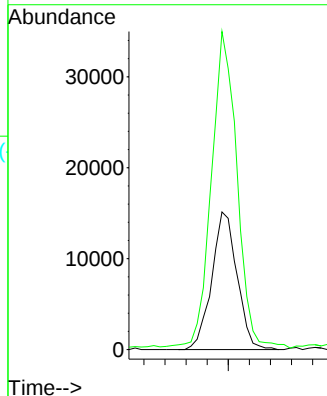
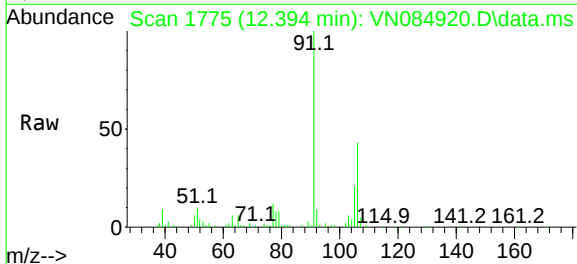
Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

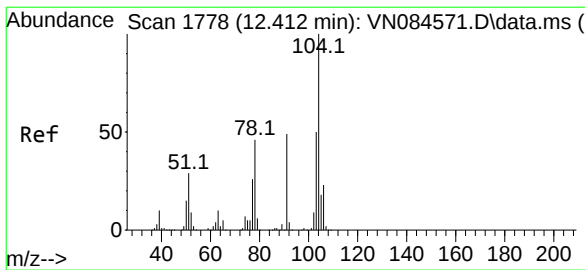
Tgt Ion:106 Resp: 25300
Ion Ratio Lower Upper
106 100
91 209.9 167.1 250.7



#69
o-Xylene
Concen: 6.775 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Tgt Ion:106 Resp: 25242
Ion Ratio Lower Upper
106 100
91 232.6 110.2 330.6





#70

Styrene

Concen: 0.838 ug/l

RT: 12.412 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

SW-WTS-01

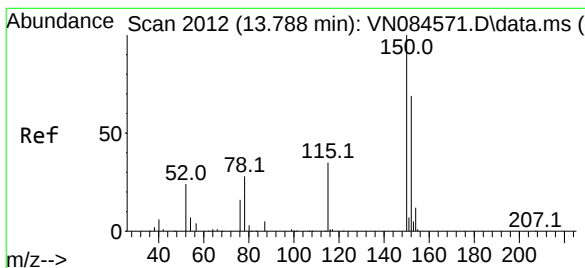
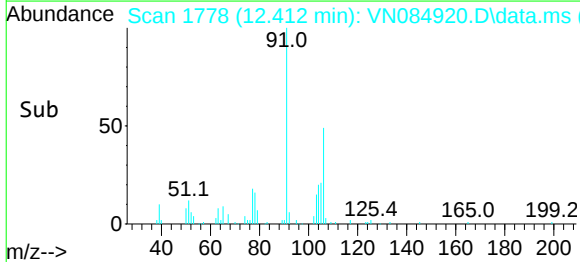
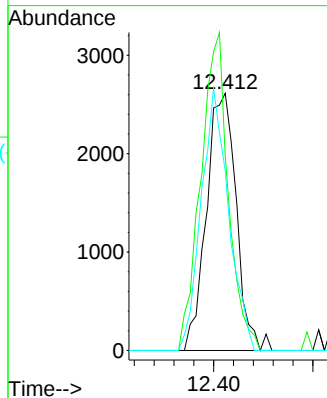
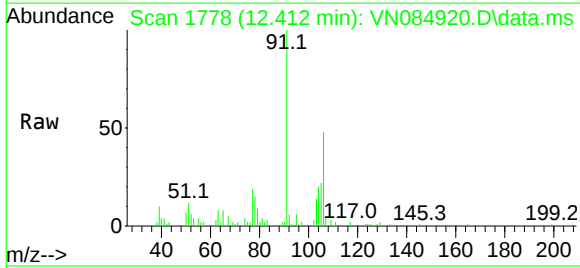
Tgt Ion:104 Resp: 5448

Ion Ratio Lower Upper

104 100

78 114.6 42.7 64.1#

103 93.6 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

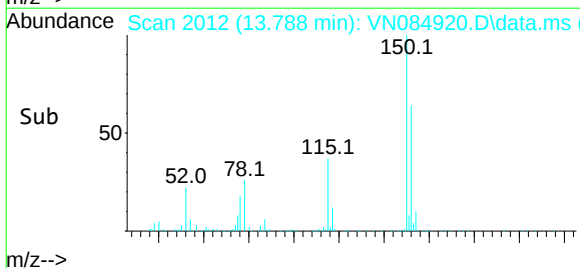
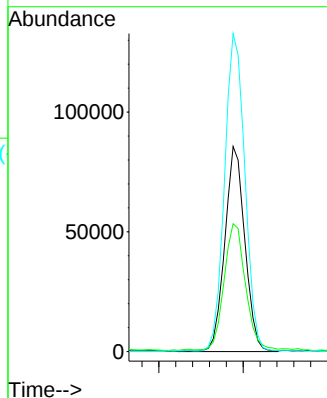
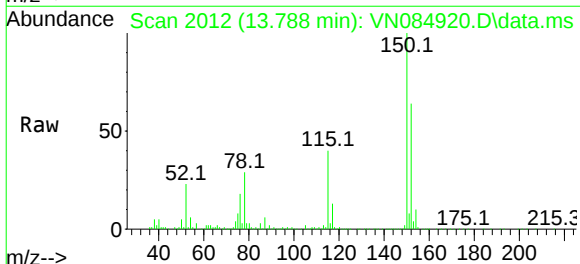
Tgt Ion:152 Resp: 141438

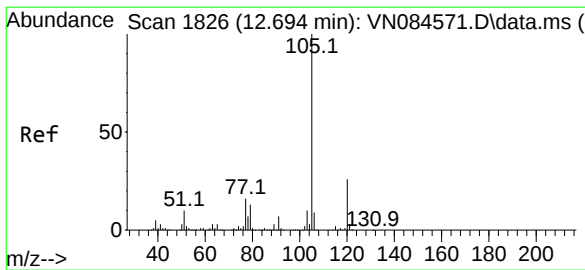
Ion Ratio Lower Upper

152 100

115 66.5 31.3 93.9

150 157.5 0.0 349.8





#73

Isopropylbenzene

Concen: 6.644 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

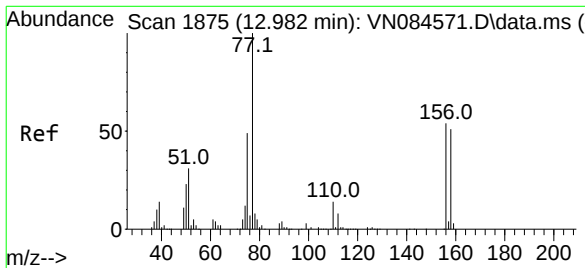
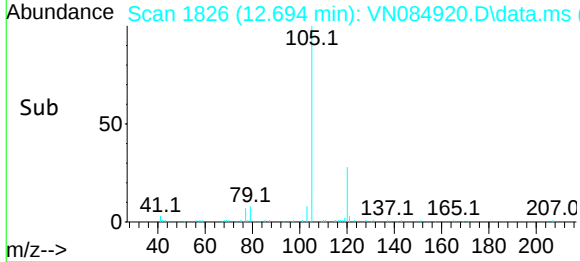
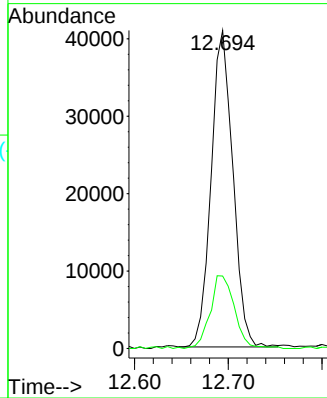
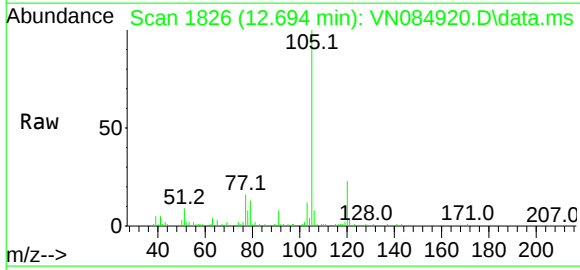
SW-WTS-01

Tgt Ion:105 Resp: 65851

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



#77

Bromobenzene

Concen: 0.523 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

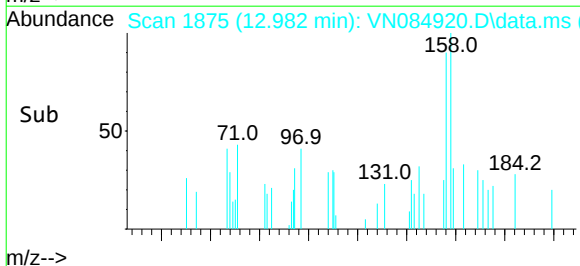
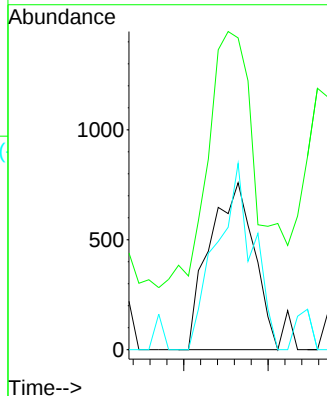
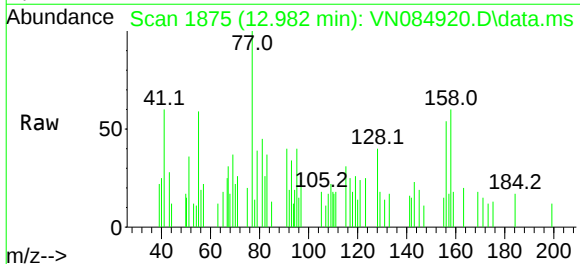
Tgt Ion:156 Resp: 1393

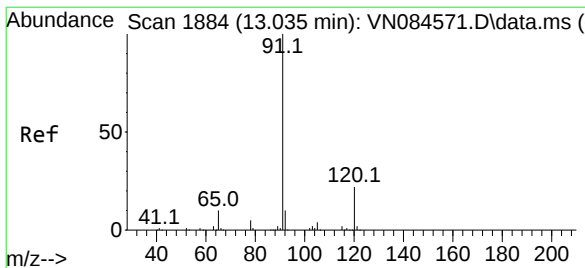
Ion Ratio Lower Upper

156 100

77 163.5 115.1 345.3

158 92.2 48.9 146.8





#78

n-propylbenzene

Concen: 3.153 ug/l

RT: 13.035 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

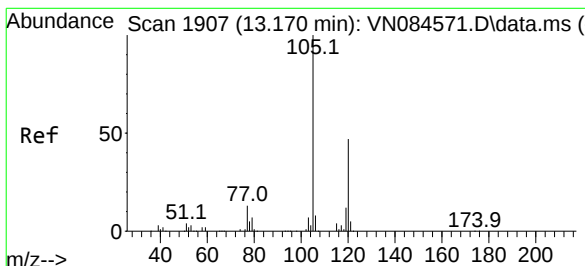
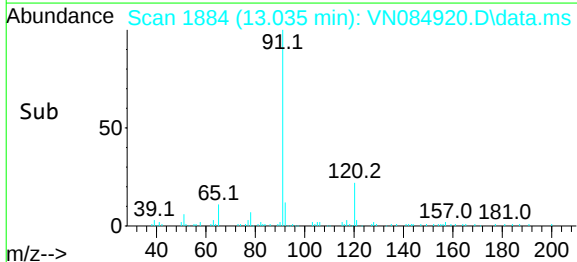
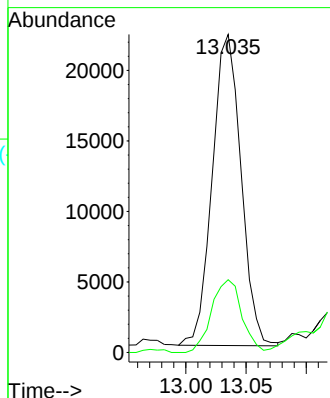
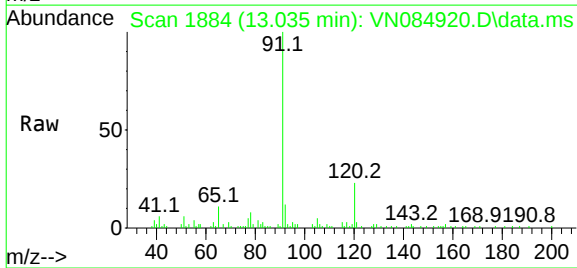
SW-WTS-01

Tgt Ion: 91 Resp: 36627

Ion Ratio Lower Upper

91 100

120 24.5 10.8 32.4



#80

1,3,5-Trimethylbenzene

Concen: 2.688 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084920.D

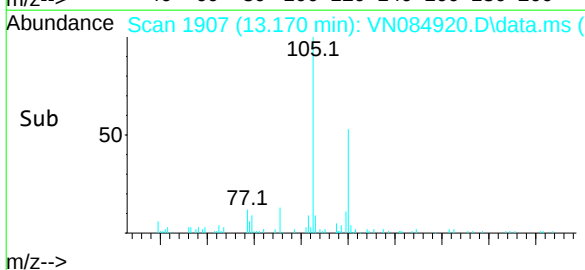
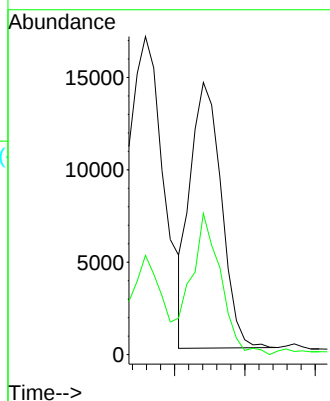
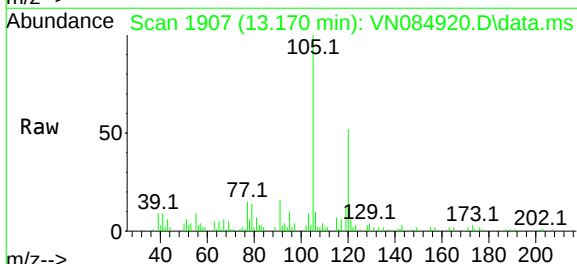
Acq: 18 Nov 2024 15:16

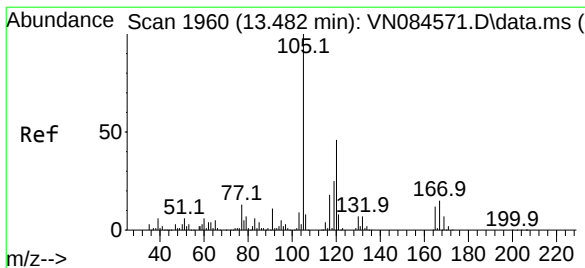
Tgt Ion:105 Resp: 22080

Ion Ratio Lower Upper

105 100

120 51.9 23.7 71.1





#84

1,2,4-Trimethylbenzene

Concen: 16.203 ug/l

RT: 13.482 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

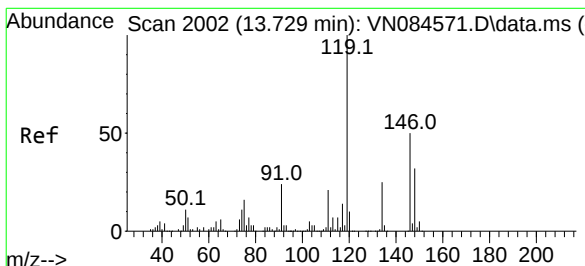
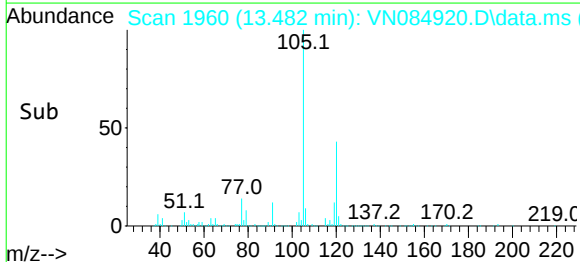
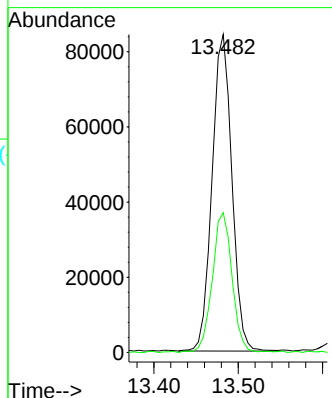
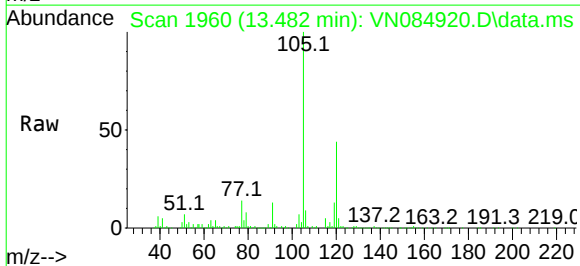
SW-WTS-01

Tgt Ion:105 Resp: 137377

Ion Ratio Lower Upper

105 100

120 44.3 22.3 66.8



#87

1,3-Dichlorobenzene

Concen: 0.639 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

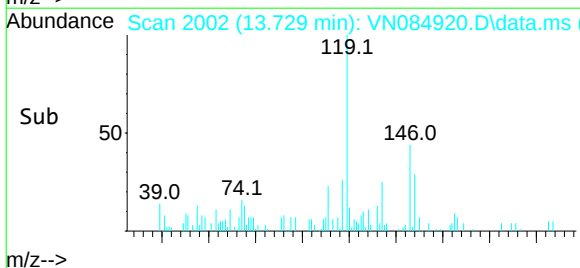
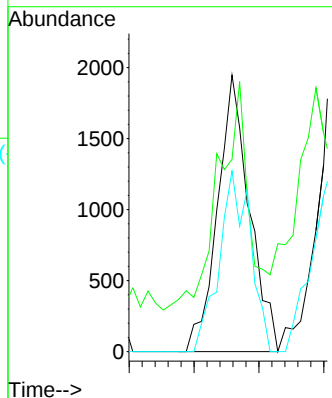
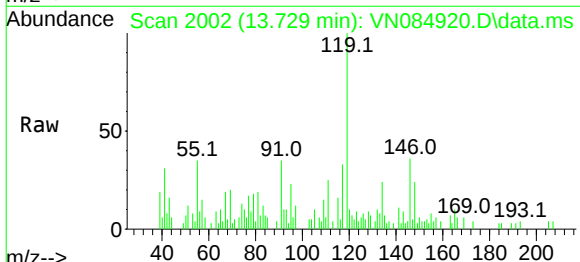
Tgt Ion:146 Resp: 3321

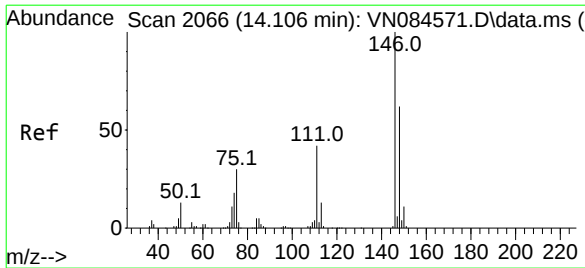
Ion Ratio Lower Upper

146 100

111 78.8 21.8 65.3#

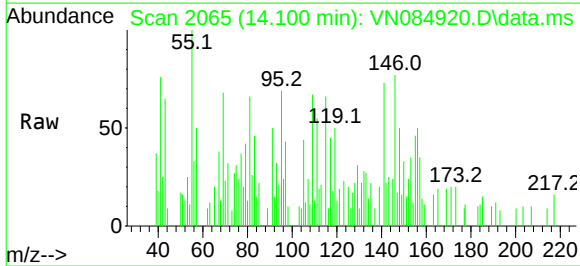
148 64.1 31.9 95.7



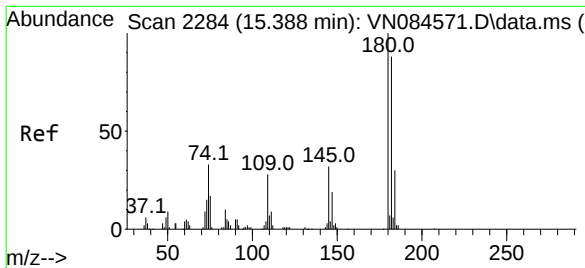
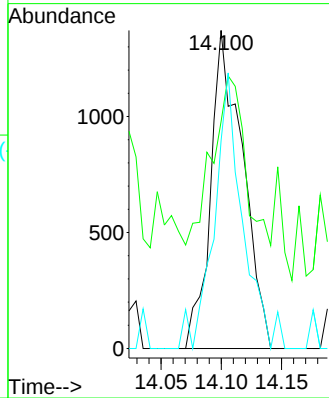
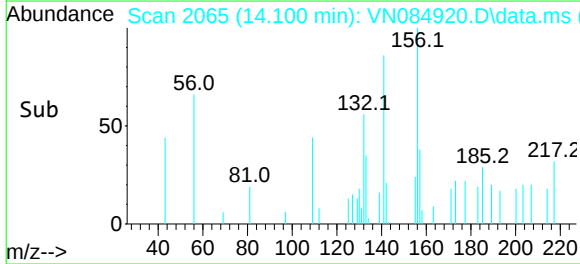


#91
1,2-Dichlorobenzene
Concen: 0.508 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

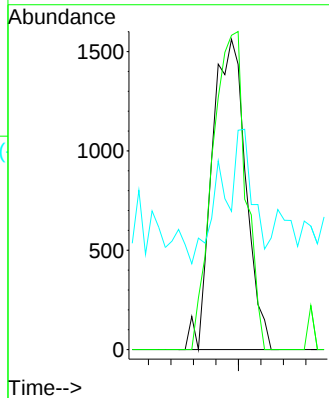
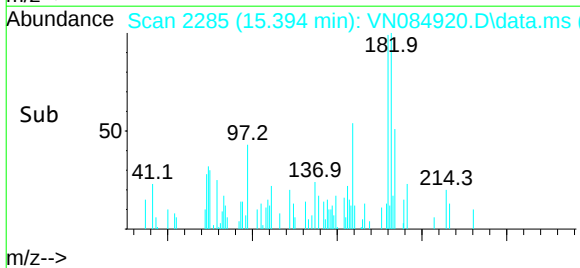
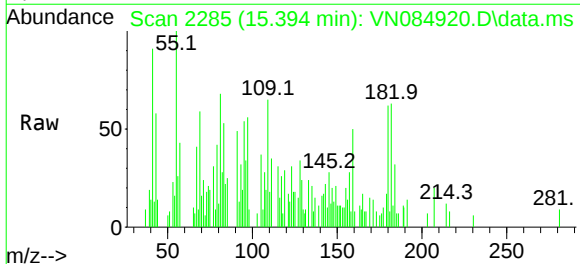


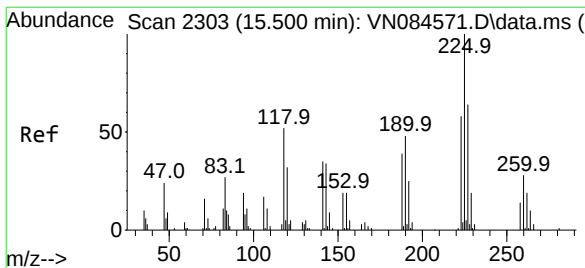
Tgt Ion:146 Resp: 2538
Ion Ratio Lower Upper
146 100
111 50.3 22.0 66.0
148 76.8 32.1 96.3



#93
1,2,4-Trichlorobenzene
Concen: 1.189 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Tgt Ion:180 Resp: 3253
Ion Ratio Lower Upper
180 100
182 101.0 47.0 141.0
145 19.4 16.4 49.4





#94

Hexachlorobutadiene

Concen: 0.587 ug/l

RT: 15.506 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

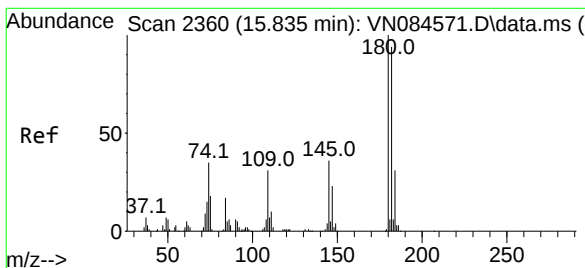
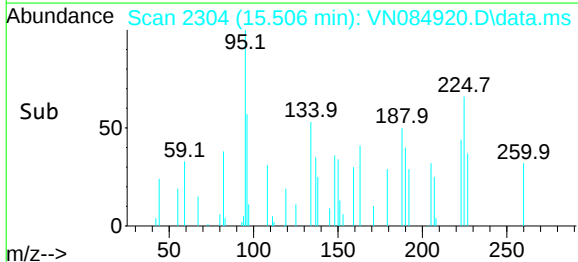
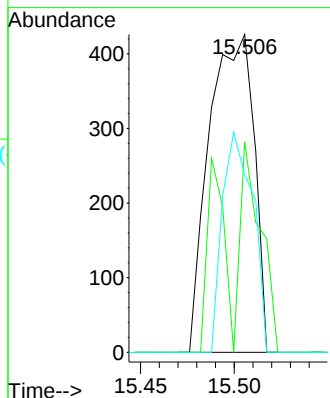
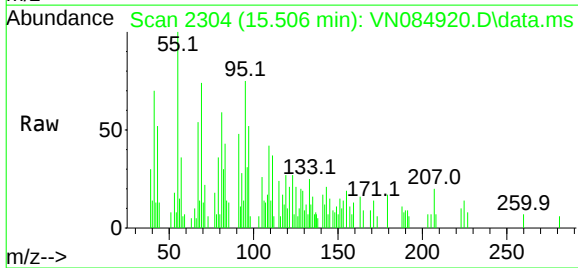
Instrument :

MSVOA_N

ClientSampleId :

SW-WTS-01

Tgt Ion:	225	Resp:	705
Ion	Ratio	Lower	Upper
225	100		
223	30.5	32.4	97.2#
227	47.4	32.4	97.0



#96

1,2,3-Trichlorobenzene

Concen: 1.080 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

Tgt Ion:	180	Resp:	2867
Ion	Ratio	Lower	Upper
180	100		
182	97.4	48.2	144.6
145	44.0	17.3	51.9

