

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
 Data File : VN084952.D
 Acq On : 19 Nov 2024 17:16
 Operator : JC\MD
 Sample : P4843-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-WTS-01

Quant Time: Nov 20 00:32:11 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)

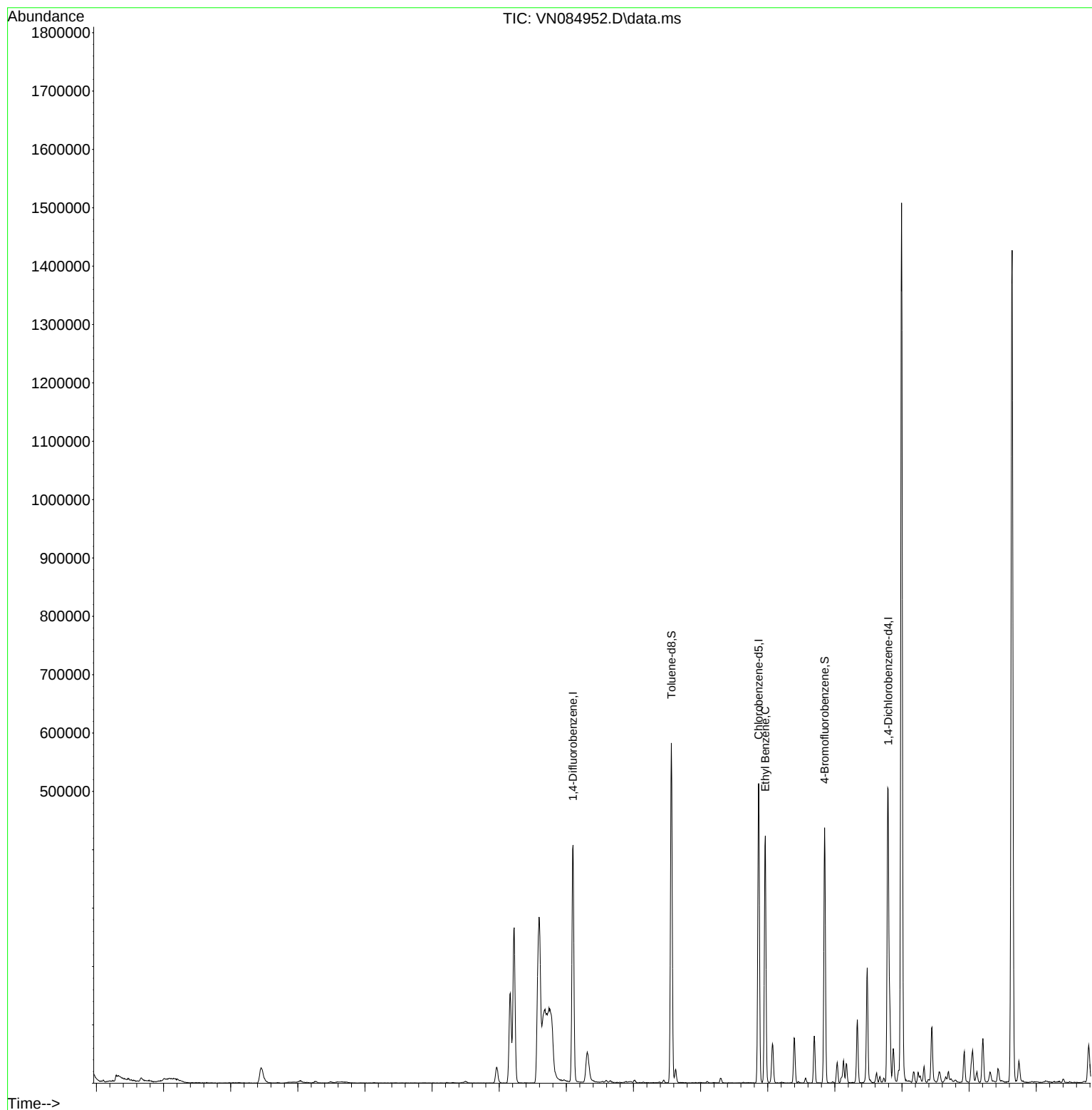
Internal Standards						
1) Pentafluorobenzene	8.224	168	186637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	348139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	137860	51.141	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.280%		
35) Dibromofluoromethane	8.165	113	111647	47.379	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 94.760%		
50) Toluene-d8	10.565	98	396481	45.675	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 91.340%		
62) 4-Bromofluorobenzene	12.847	95	155133	47.819	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 95.640%		
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	40801	50.117	ug/l	97
25) 2-Butanone	7.500	43	5578	4.435	ug/l	95
30) Chloroform	7.965	83	28093	6.712	ug/l	99
40) Benzene	8.600	78	239883	22.856	ug/l	97
52) Toluene	10.629	92	8992	1.465	ug/l	98
67) Ethyl Benzene	11.965	91	312990	28.788	ug/l	99
68) m/p-Xylenes	12.070	106	21970	5.338	ug/l	99
69) o-Xylene	12.400	106	21290	5.529	ug/l	96
73) Isopropylbenzene	12.694	105	49842	5.233	ug/l	96
78) n-propylbenzene	13.035	91	28430	2.547	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	16882	2.138	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	110924	13.614	ug/l	99

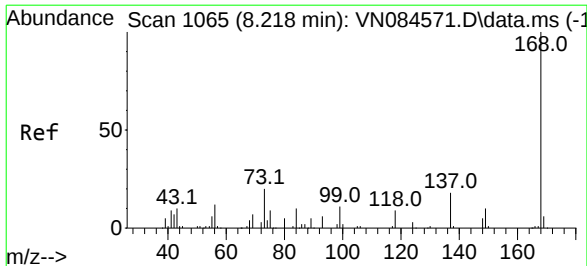
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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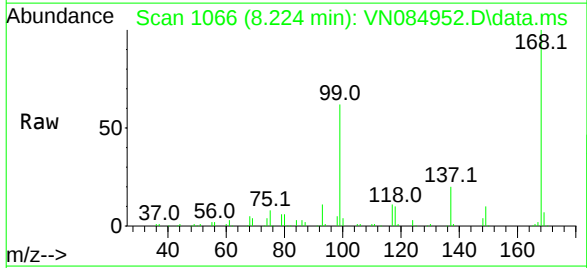
Quant Time: Nov 20 00:32:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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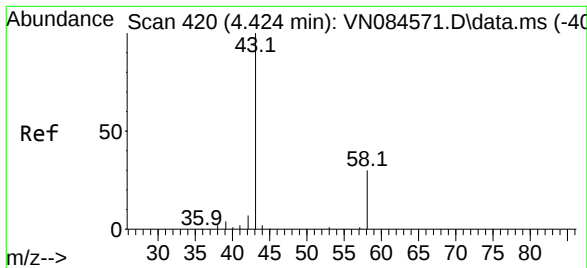
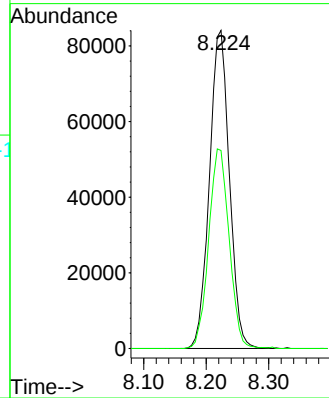
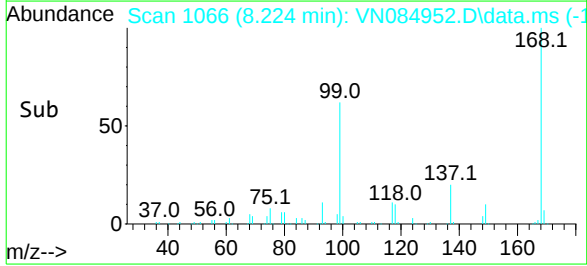


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084952.D
Acq: 19 Nov 2024 17:16

Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

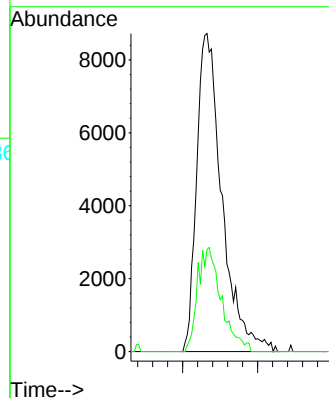
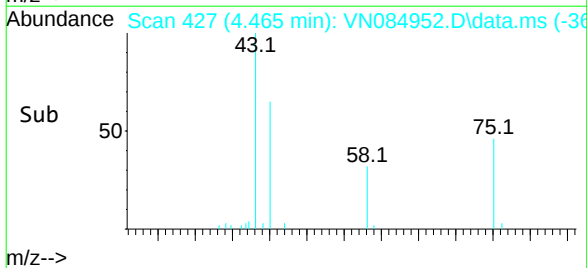
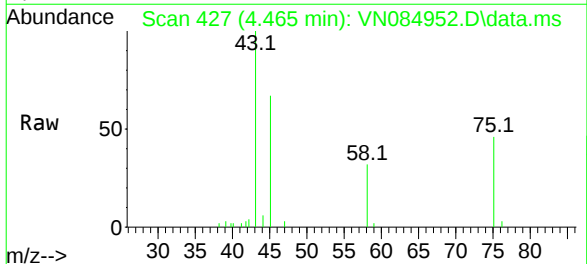


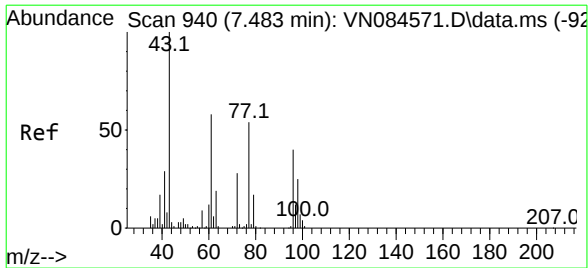
Tgt Ion:168 Resp: 186637
Ion Ratio Lower Upper
168 100
99 62.3 54.2 81.2



#16
Acetone
Concen: 50.117 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.041 min
Lab File: VN084952.D
Acq: 19 Nov 2024 17:16

Tgt Ion: 43 Resp: 40801
Ion Ratio Lower Upper
43 100
58 32.1 24.4 36.6

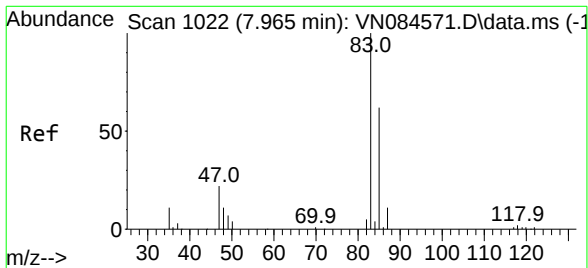
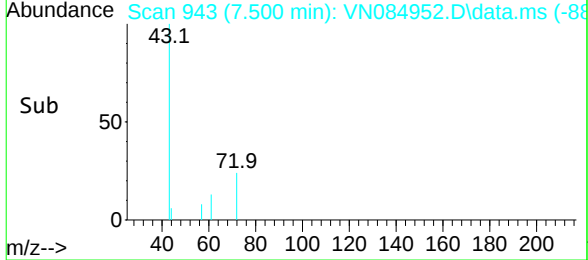
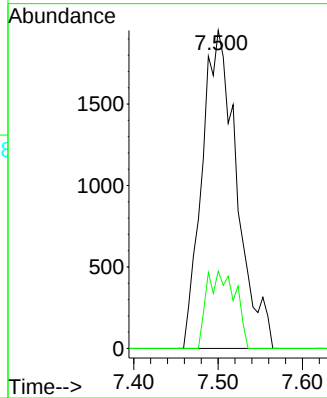
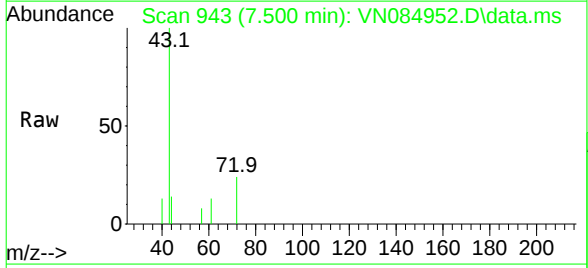




#25
2-Butanone
Concen: 4.435 ug/l
RT: 7.500 min Scan# 940
Delta R.T. 0.018 min
Lab File: VN084952.D
Acq: 19 Nov 2024 17:16

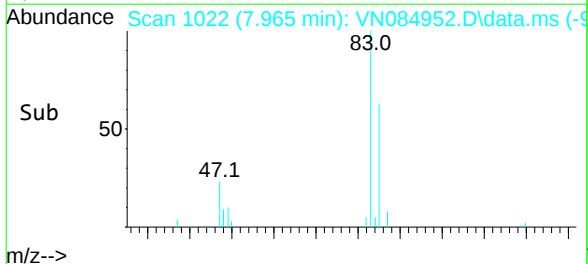
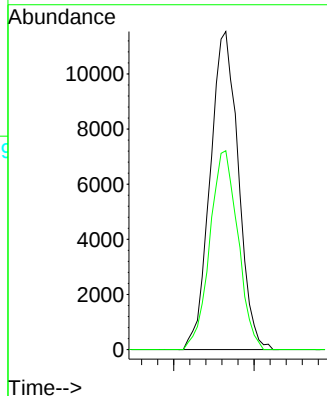
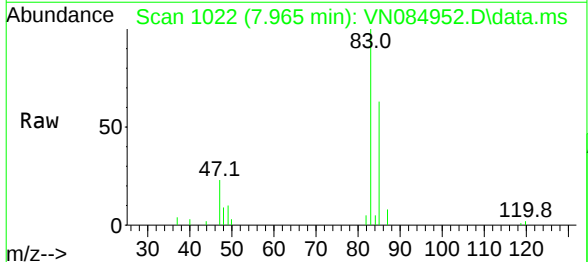
Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

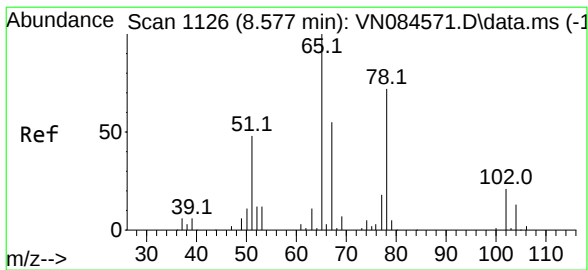
Tgt Ion: 43 Resp: 5578
Ion Ratio Lower Upper
43 100
72 24.3 21.4 32.2



#30
Chloroform
Concen: 6.712 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084952.D
Acq: 19 Nov 2024 17:16

Tgt Ion: 83 Resp: 28093
Ion Ratio Lower Upper
83 100
85 62.5 51.0 76.4

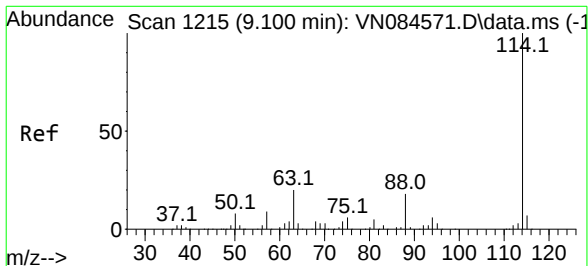
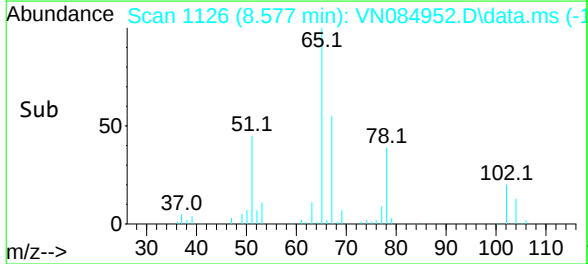
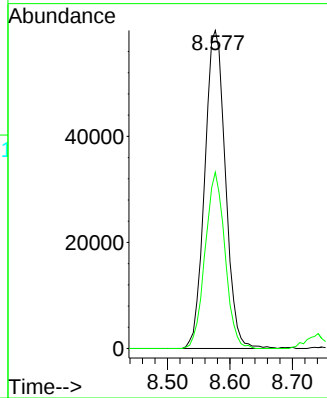
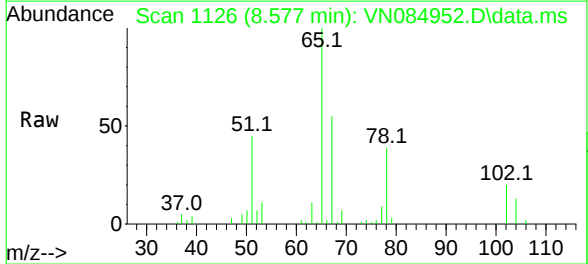




#33
1,2-Dichloroethane-d4
Concen: 51.141 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084952.D
Acq: 19 Nov 2024 17:16

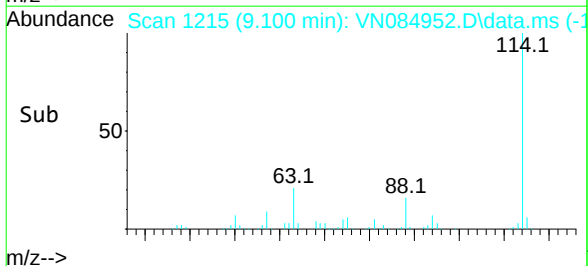
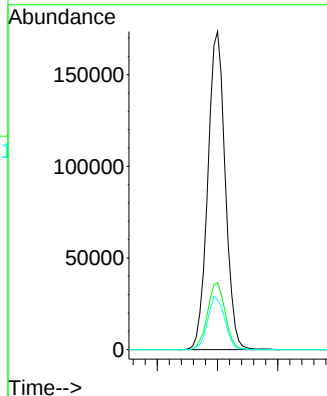
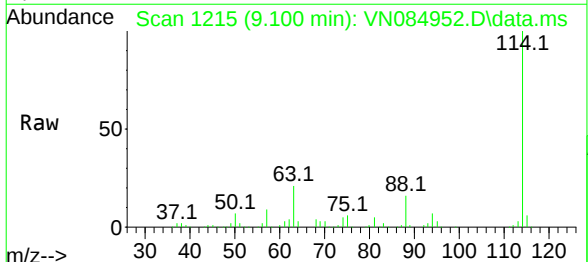
Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

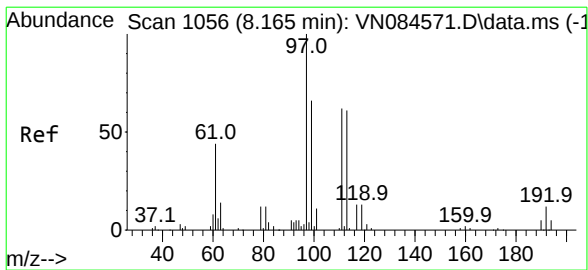
Tgt Ion: 65 Resp: 137860
Ion Ratio Lower Upper
65 100
67 53.1 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084952.D
Acq: 19 Nov 2024 17:16

Tgt Ion: 114 Resp: 348139
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.8
88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.379 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084952.D

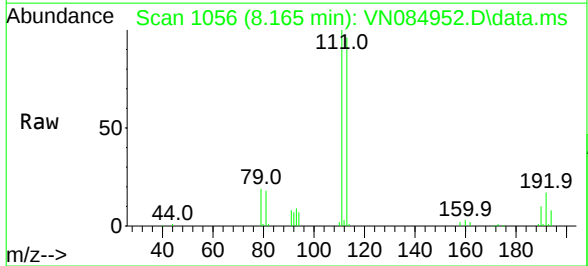
Acq: 19 Nov 2024 17:16

Instrument :

MSVOA_N

ClientSampleId :

SW-WTS-01



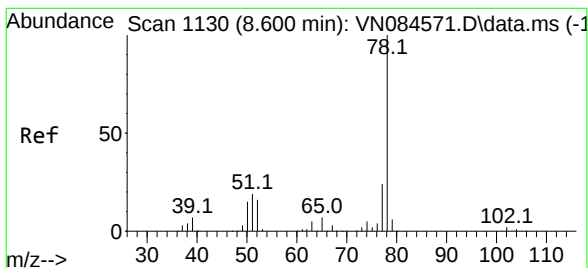
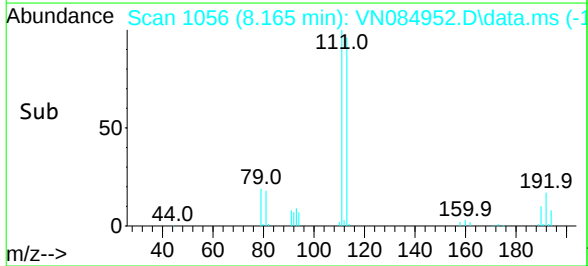
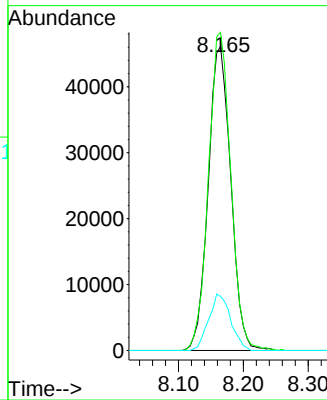
Tgt Ion:113 Resp: 111647

Ion Ratio Lower Upper

113 100

111 103.6 83.3 124.9

192 18.0 13.5 20.3



#40

Benzene

Concen: 22.856 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN084952.D

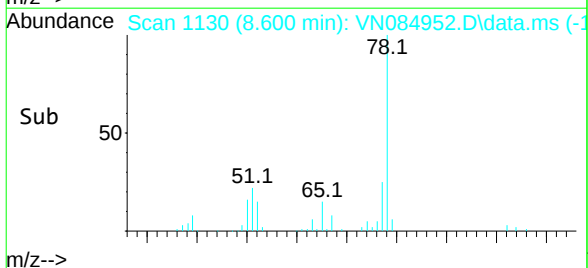
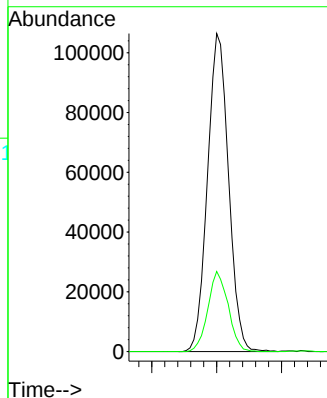
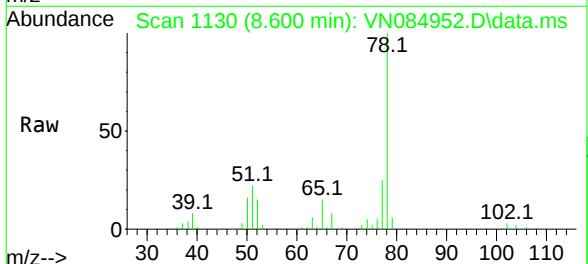
Acq: 19 Nov 2024 17:16

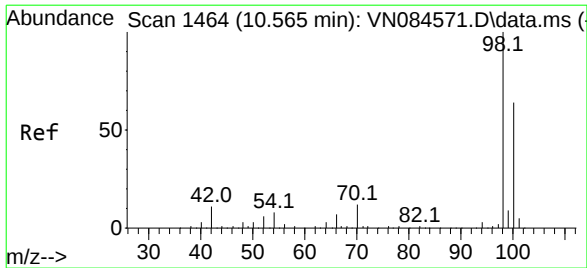
Tgt Ion: 78 Resp: 239883

Ion Ratio Lower Upper

78 100

77 25.2 19.1 28.7





#50

Toluene-d8

Concen: 45.675 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084952.D

Acq: 19 Nov 2024 17:16

Instrument :

MSVOA_N

ClientSampleId :

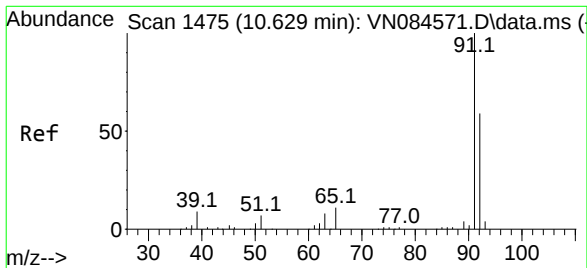
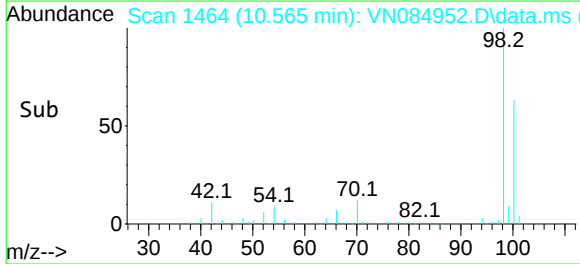
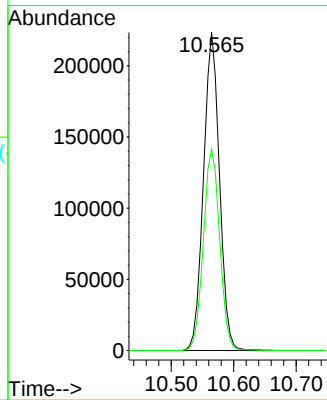
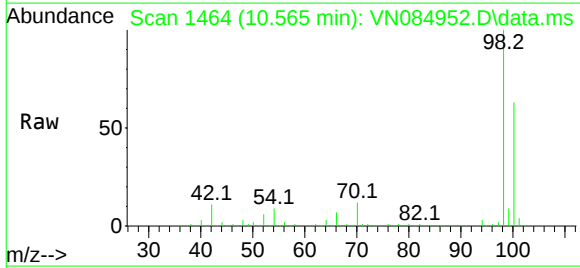
SW-WTS-01

Tgt Ion: 98 Resp: 396481

Ion Ratio Lower Upper

98 100

100 64.8 52.7 79.1



#52

Toluene

Concen: 1.465 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN084952.D

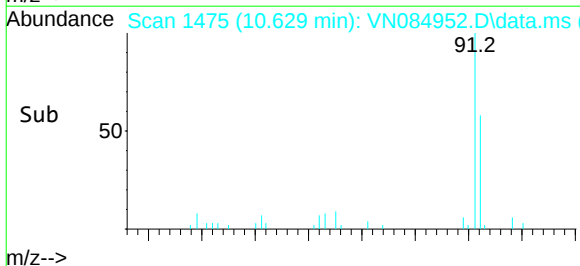
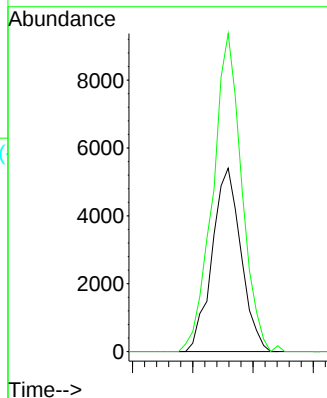
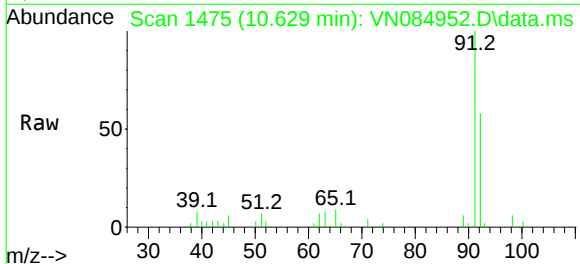
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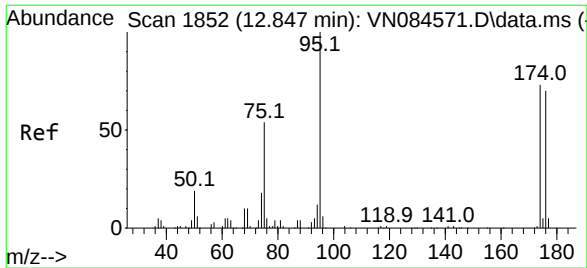
Tgt Ion: 92 Resp: 8992

Ion Ratio Lower Upper

92 100

91 174.0 137.3 205.9

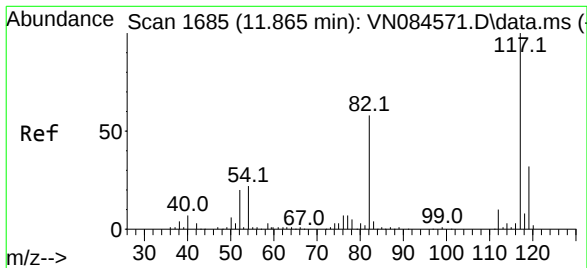
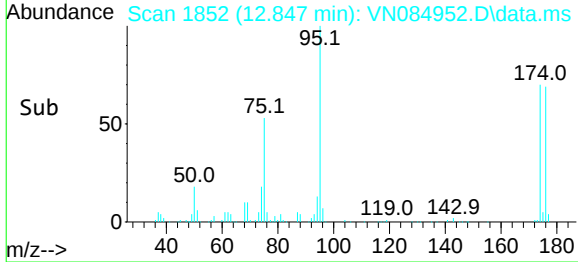
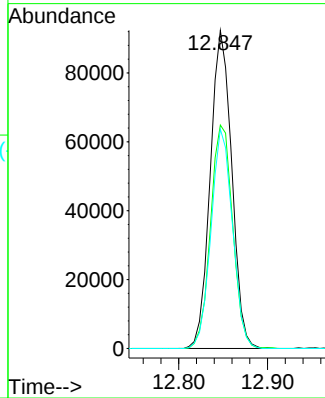
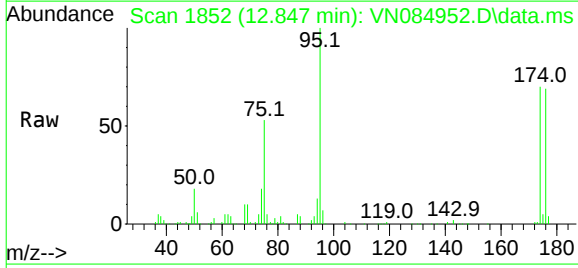




#62
4-Bromofluorobenzene
Concen: 47.819 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084952.D
Acq: 19 Nov 2024 17:16

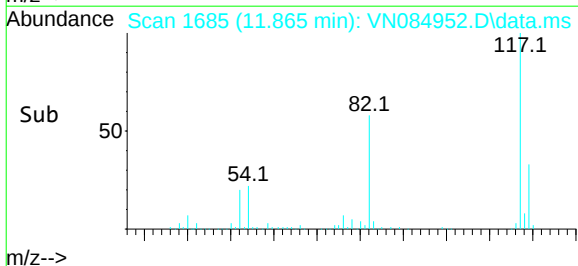
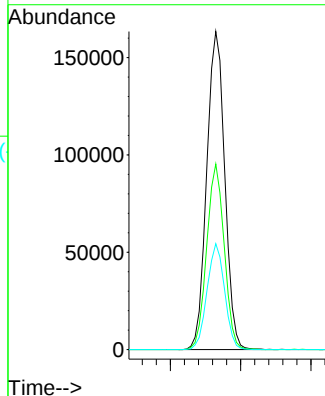
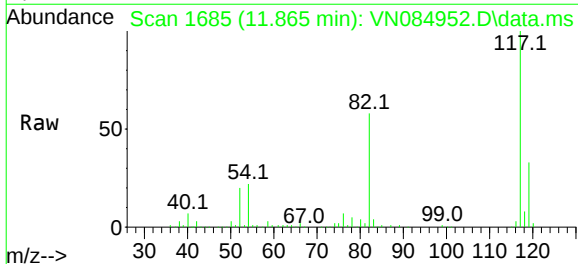
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SW-WTS-01

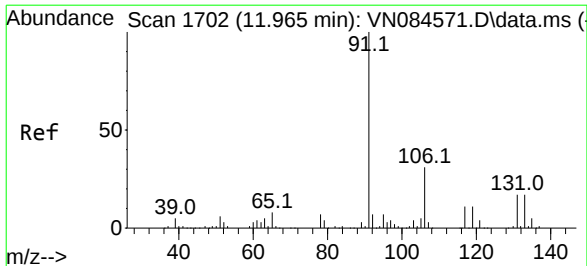
Tgt Ion:	95	Resp:	155133
Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	145.2
176	68.9	0.0	140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084952.D
Acq: 19 Nov 2024 17:16

Tgt Ion:	117	Resp:	291141
Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.2	70.8
119	33.3	25.4	38.0

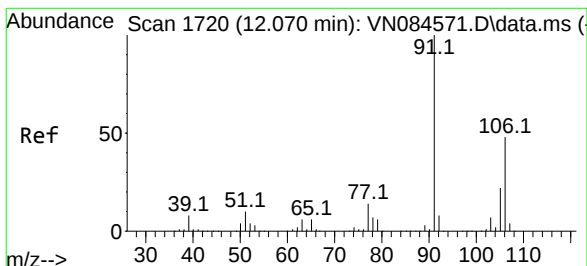
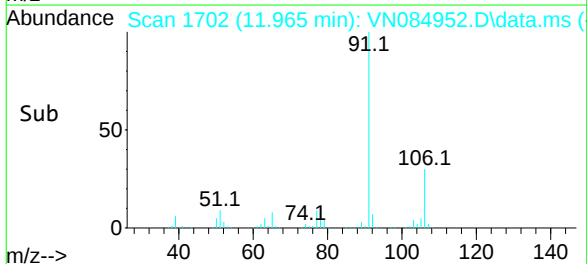
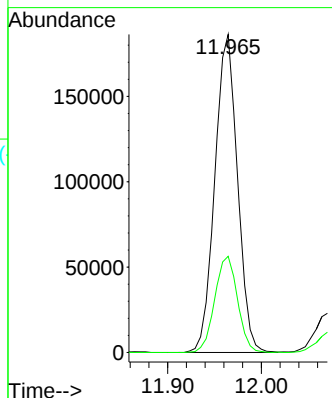
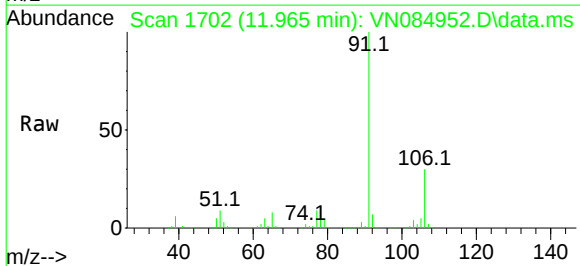




#67
Ethyl Benzene
Concen: 28.788 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084952.D
Acq: 19 Nov 2024 17:16

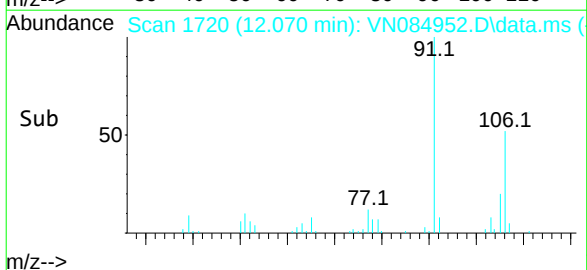
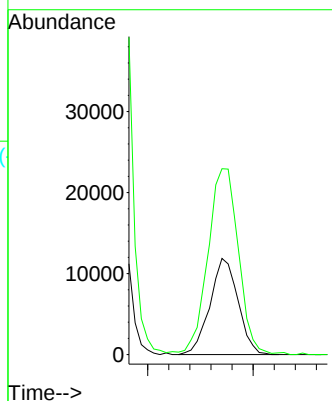
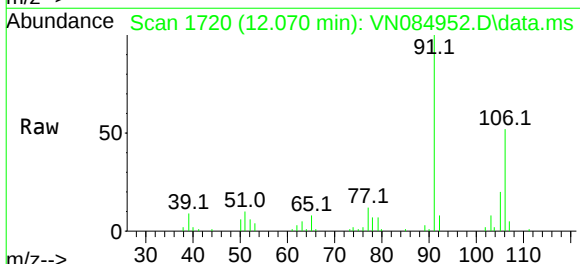
Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

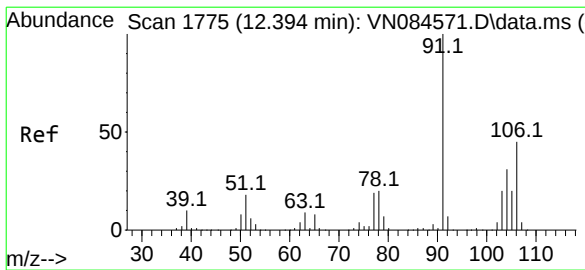
Tgt Ion: 91 Resp: 312990
Ion Ratio Lower Upper
91 100
106 30.3 24.5 36.7



#68
m/p-Xylenes
Concen: 5.338 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084952.D
Acq: 19 Nov 2024 17:16

Tgt Ion:106 Resp: 21970
Ion Ratio Lower Upper
106 100
91 209.9 167.1 250.7





#69

o-Xylene

Concen: 5.529 ug/l

RT: 12.400 min Scan# 17

Delta R.T. 0.006 min

Lab File: VN084952.D

Acq: 19 Nov 2024 17:16

Instrument :

MSVOA_N

ClientSampleId :

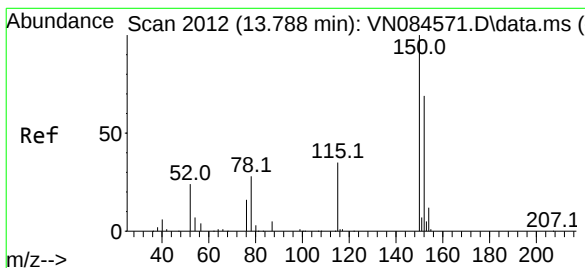
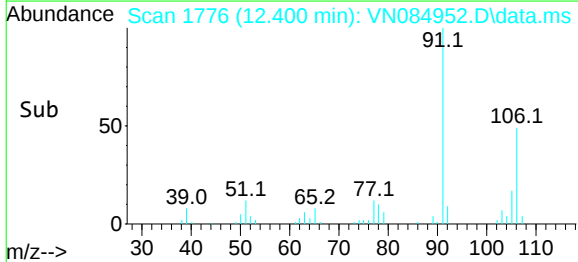
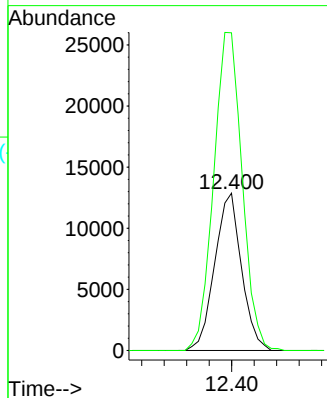
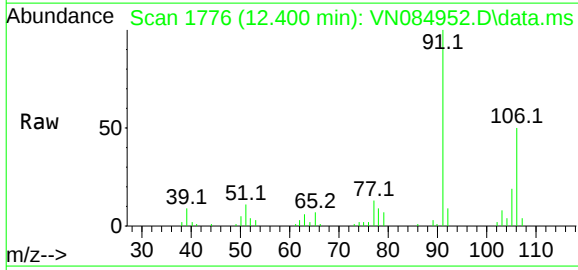
SW-WTS-01

Tgt Ion:106 Resp: 21290

Ion Ratio Lower Upper

106 100

91 214.5 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084952.D

Acq: 19 Nov 2024 17:16

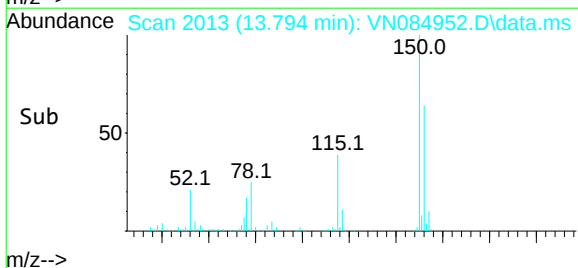
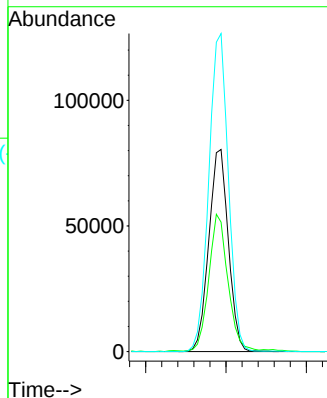
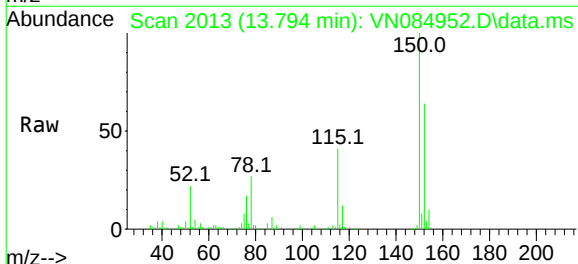
Tgt Ion:152 Resp: 135919

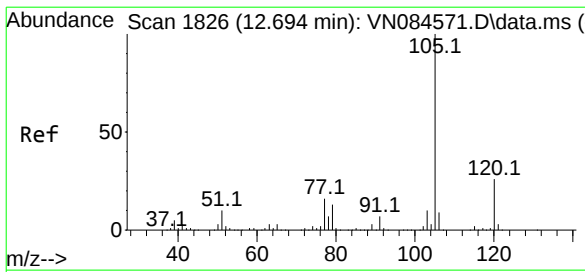
Ion Ratio Lower Upper

152 100

115 66.0 31.3 93.9

150 157.3 0.0 349.8

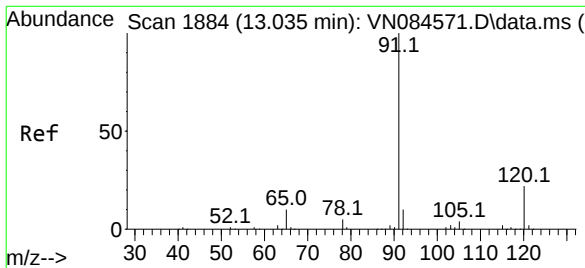
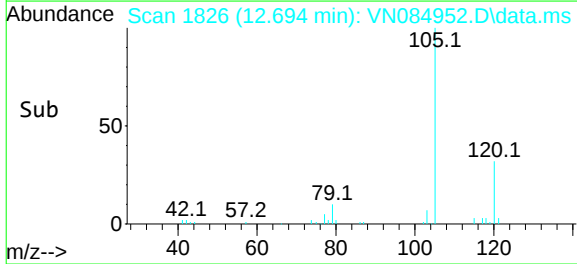
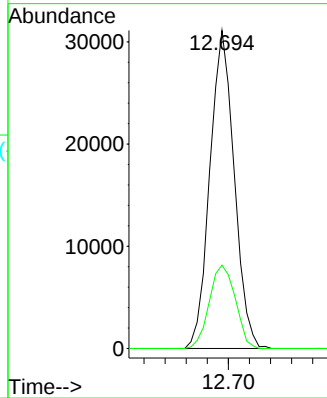
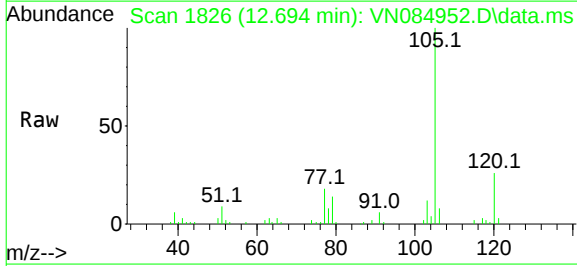




#73
Isopropylbenzene
Concen: 5.233 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084952.D
Acq: 19 Nov 2024 17:16

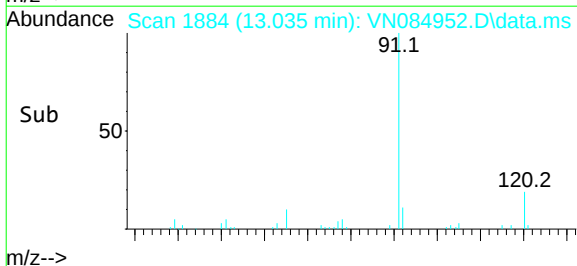
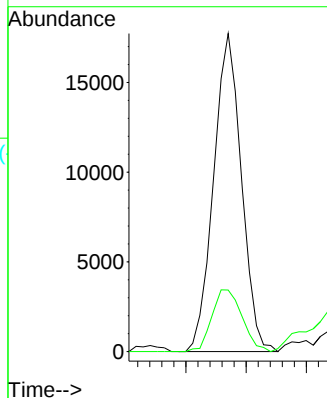
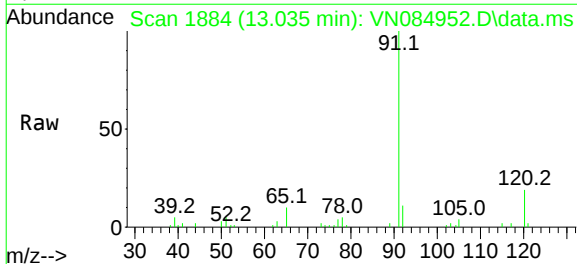
Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

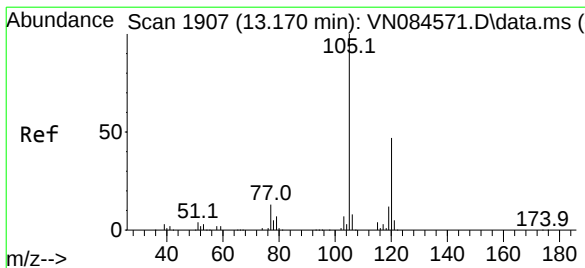
Tgt Ion: 105 Resp: 49842
Ion Ratio Lower Upper
105 100
120 28.0 12.9 38.7



#78
n-propylbenzene
Concen: 2.547 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084952.D
Acq: 19 Nov 2024 17:16

Tgt Ion: 91 Resp: 28430
Ion Ratio Lower Upper
91 100
120 21.1 10.8 32.4





#80

1,3,5-Trimethylbenzene

Concen: 2.138 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084952.D

Acq: 19 Nov 2024 17:16

Instrument :

MSVOA_N

ClientSampleId :

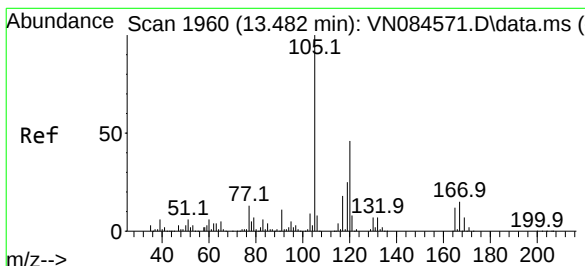
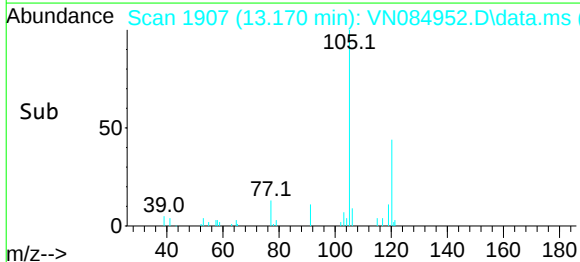
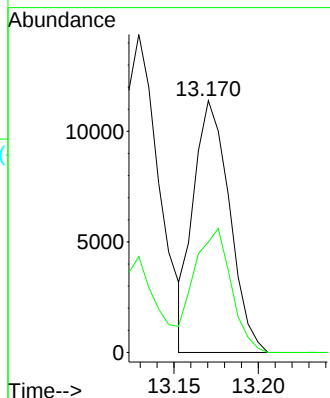
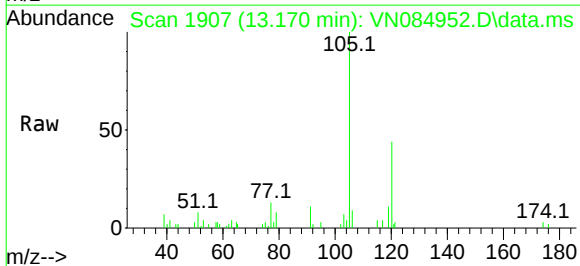
SW-WTS-01

Tgt Ion:105 Resp: 16882

Ion Ratio Lower Upper

105 100

120 50.2 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 13.614 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084952.D

Acq: 19 Nov 2024 17:16

Tgt Ion:105 Resp: 110924

Ion Ratio Lower Upper

105 100

120 45.2 22.3 66.8

