

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
 Data File : VN084874.D
 Acq On : 15 Nov 2024 17:12
 Operator : JC\MD
 Sample : P4853-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(NOV)

Quant Time: Nov 15 22:27:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

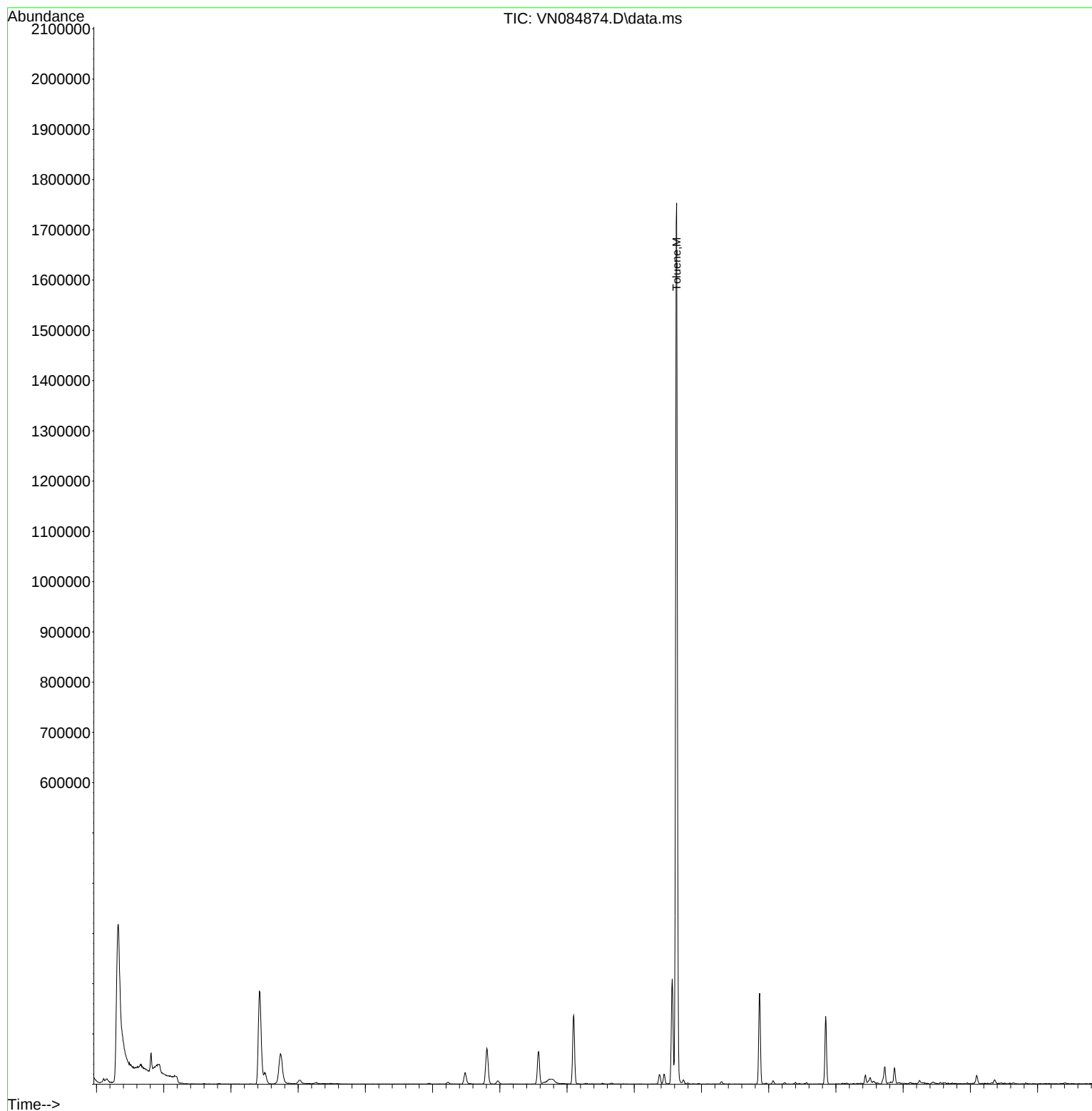
Internal Standards						
1) Bromochloromethane	7.806	128	22235	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	116438	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	107920	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	56009	31.333	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.433%
60) 4-Bromofluorobenzene	12.847	95	47167	25.383	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.600%
63) Toluene-d8	10.565	98	145584	28.496	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.000%
Target Compounds						
					Qvalue	
12) Methyl Acetate	5.018	43	15535	7.691	ug/l #	70
15) Acetone	4.424	58	111509	656.772	ug/l	92
16) Carbon Disulfide	4.695	76	13265	3.479	ug/l #	91
25) Chloroform	7.953	83	4053	1.488	ug/l	91
30) 2-Butanone	7.483	43	36940	45.661	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	13430	7.888	ug/l	98
62) Toluene	10.630	91	1353198	220.149	ug/l	99
66) Ethyl Benzene	11.965	91	1938	0.300	ug/l #	71
67) m/p-Xylenes	12.071	106	1875	0.758	ug/l	77
68) o-Xylene	12.394	106	766	0.321	ug/l	87
80) 1,2,4-Trimethylbenzene	13.488	105	4260	0.834	ug/l	85
82) p-Isopropyltoluene	13.729	119	18116	3.737	ug/l	93

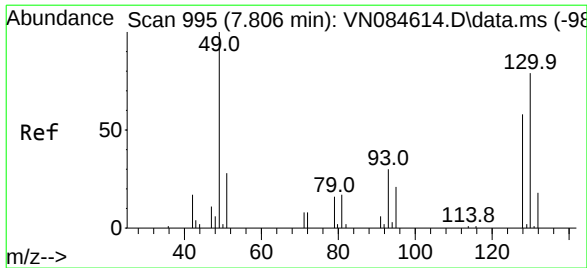
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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001-WILLETS-PT-BLVD(NOV)

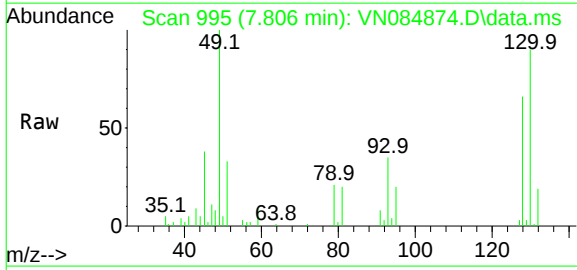
Quant Time: Nov 15 22:27:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 01 02:38:04 2024
Response via : Initial Calibration



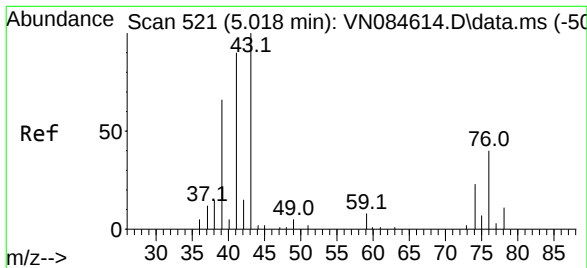
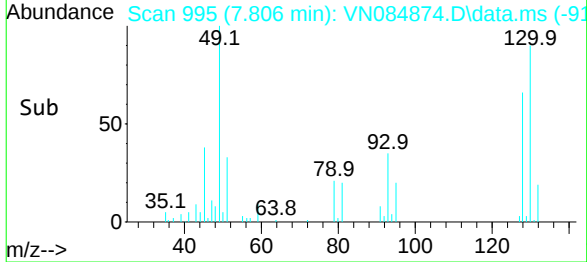
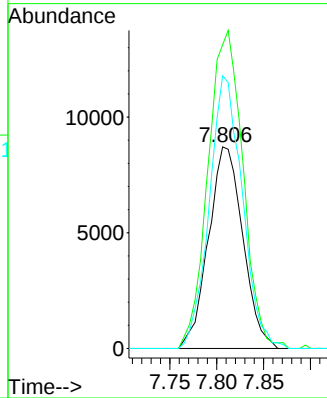


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN084874.D
Acq: 15 Nov 2024 17:12

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)

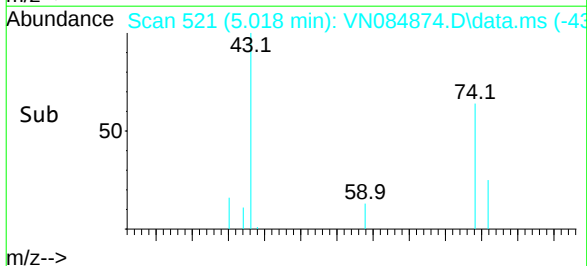
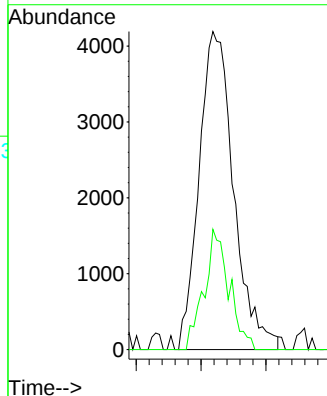
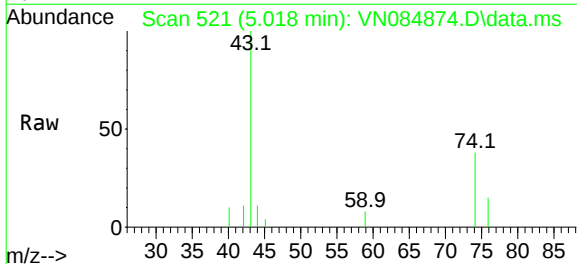


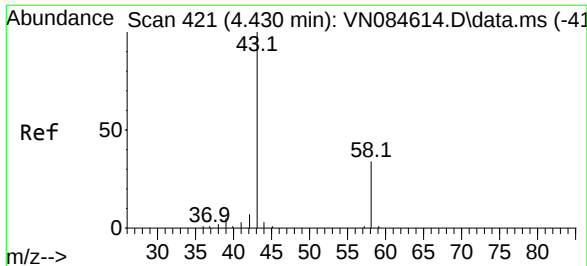
Tgt Ion	Ratio	Lower	Upper
128	100		
49	159.6	0.0	427.0
130	129.3	0.0	322.2



#12
Methyl Acetate
Concen: 7.691 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084874.D
Acq: 15 Nov 2024 17:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	38.6	19.0	28.4





#15

Acetone

Concen: 656.772 ug/l

RT: 4.424 min Scan# 421

Delta R.T. -0.006 min

Lab File: VN084874.D

Acq: 15 Nov 2024 17:12

Instrument :

MSVOA_N

ClientSampleId :

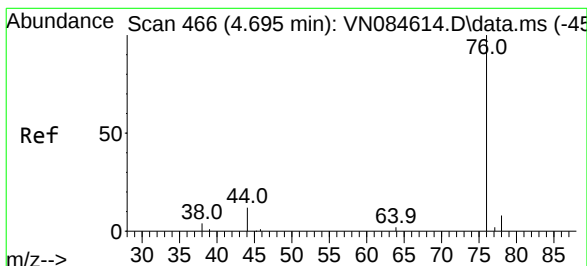
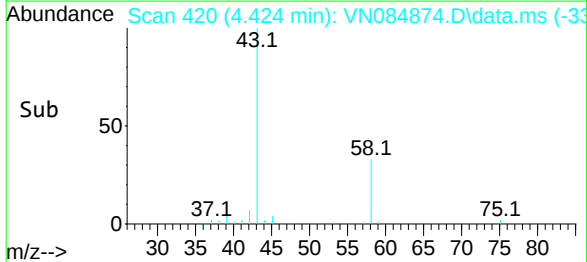
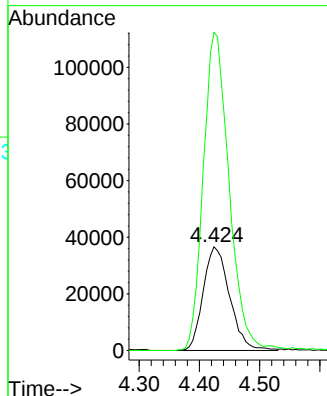
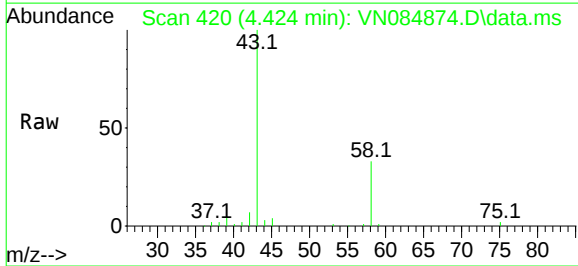
001-WILLETS-PT-BLVD(NOV)

Tgt Ion: 58 Resp: 111509

Ion Ratio Lower Upper

58 100

43 306.2 233.0 349.6



#16

Carbon Disulfide

Concen: 3.479 ug/l

RT: 4.695 min Scan# 466

Delta R.T. 0.000 min

Lab File: VN084874.D

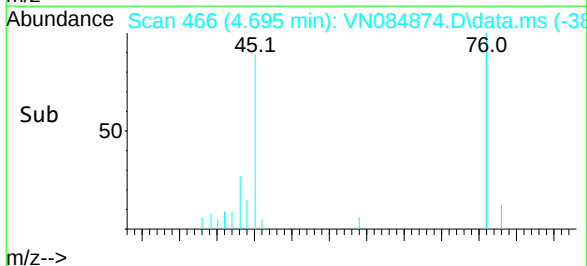
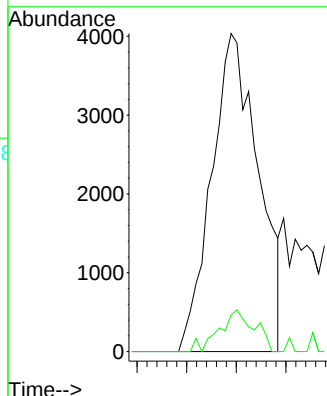
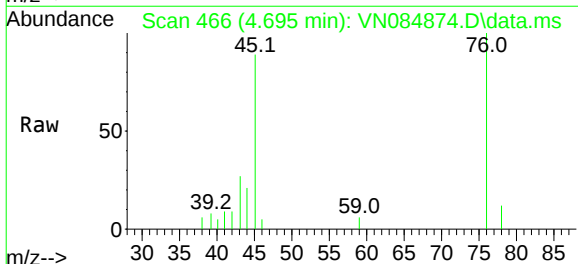
Acq: 15 Nov 2024 17:12

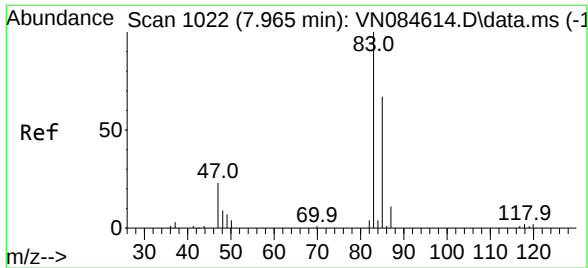
Tgt Ion: 76 Resp: 13265

Ion Ratio Lower Upper

76 100

78 11.5 6.6 9.8#

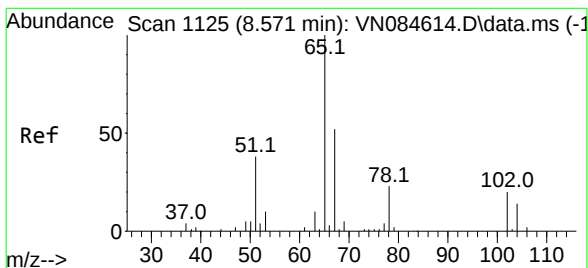
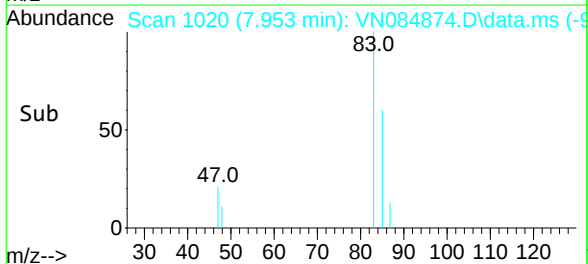
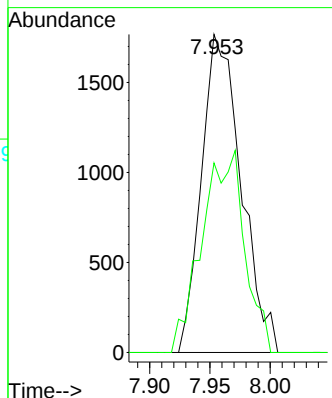
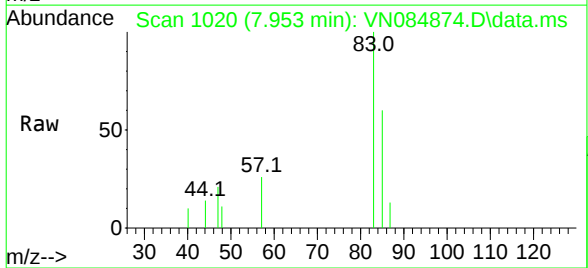




#25
Chloroform
Concen: 1.488 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. -0.012 min
Lab File: VN084874.D
Acq: 15 Nov 2024 17:12

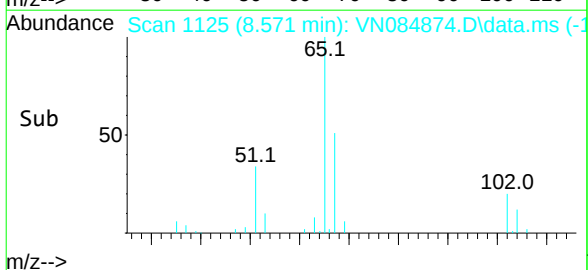
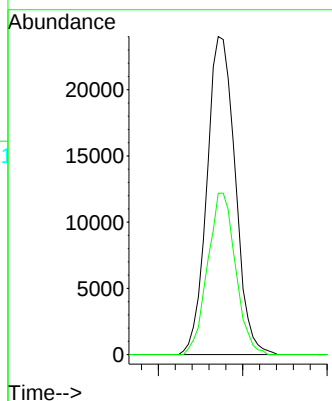
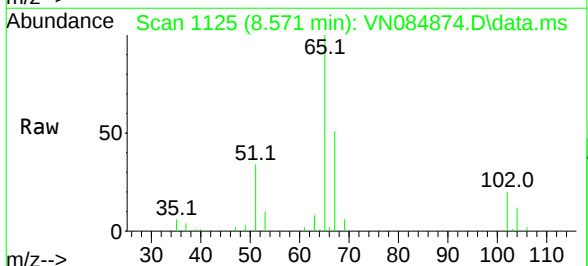
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(NOV)

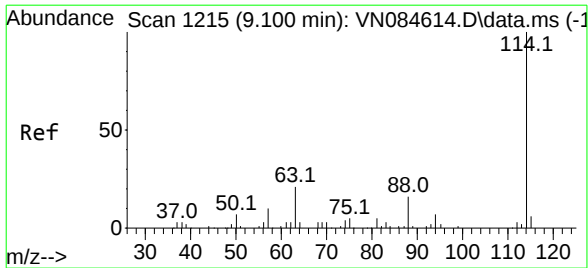
Tgt Ion:	83	Resp:	4053
Ion	Ratio	Lower	Upper
83	100		
85	59.6	53.4	80.2



#27
1,2-Dichloroethane-d4
Concen: 31.333 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN084874.D
Acq: 15 Nov 2024 17:12

Tgt Ion:	65	Resp:	56009
Ion	Ratio	Lower	Upper
65	100		
67	50.0	40.7	61.1

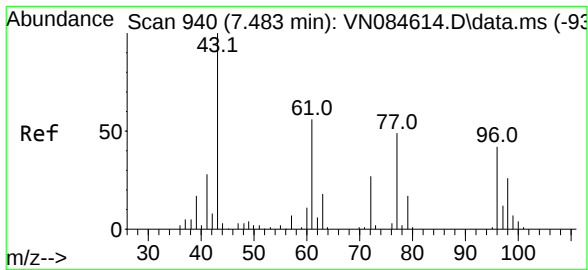
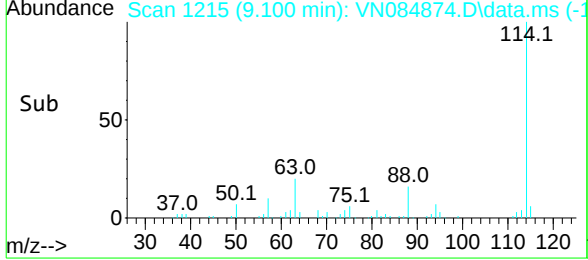
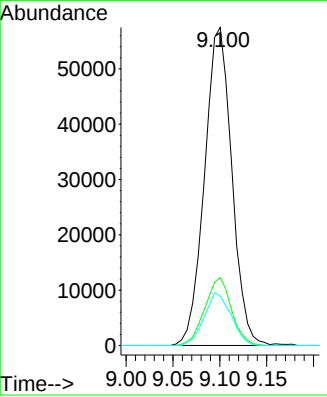
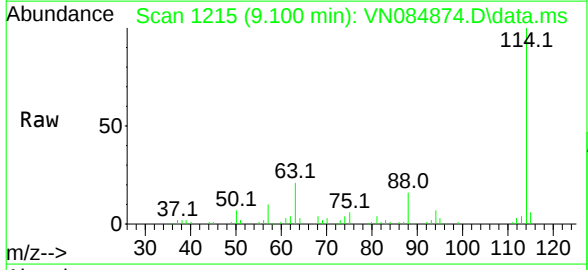




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084874.D
 Acq: 15 Nov 2024 17:12

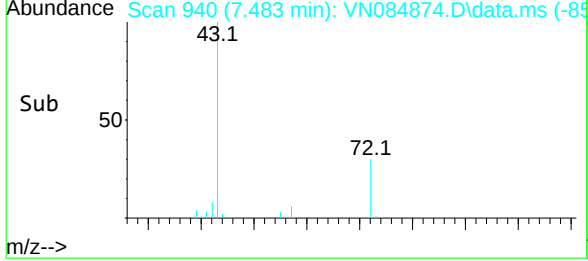
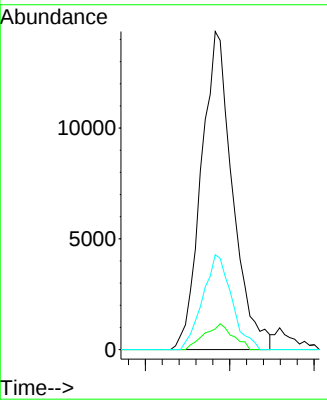
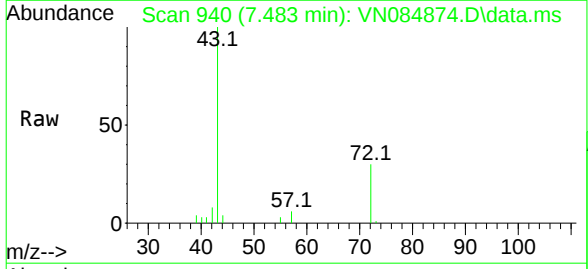
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(NOV)

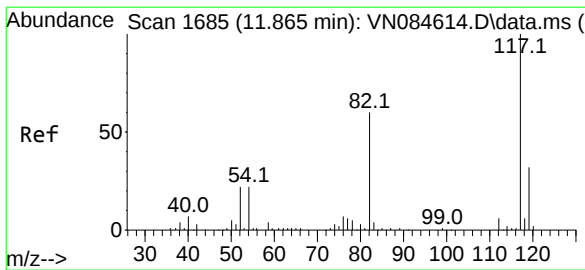
Tgt Ion:	114	Resp:	116438
Ion	Ratio	Lower	Upper
114	100		
63	20.9	16.8	25.2
88	16.2	12.9	19.3



#30
 2-Butanone
 Concen: 45.661 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN084874.D
 Acq: 15 Nov 2024 17:12

Tgt Ion:	43	Resp:	36940
Ion	Ratio	Lower	Upper
43	100		
57	7.4	6.2	9.4
72	27.5	21.5	32.3

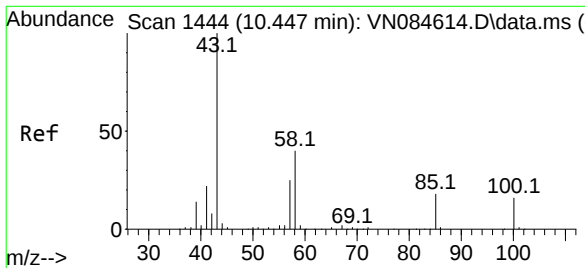
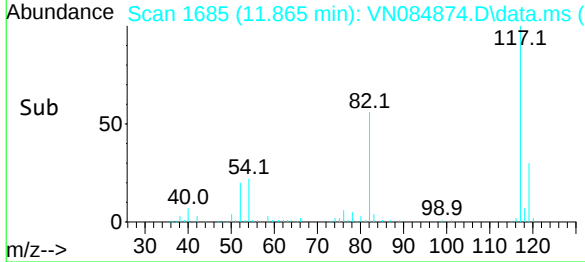
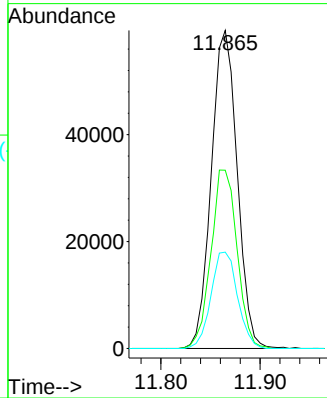
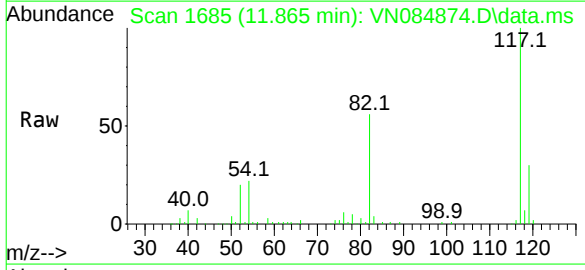




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084874.D
Acq: 15 Nov 2024 17:12

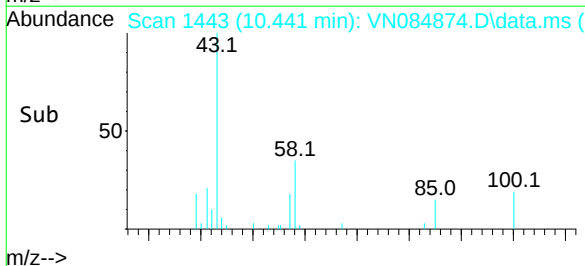
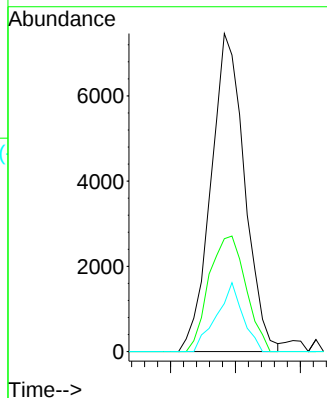
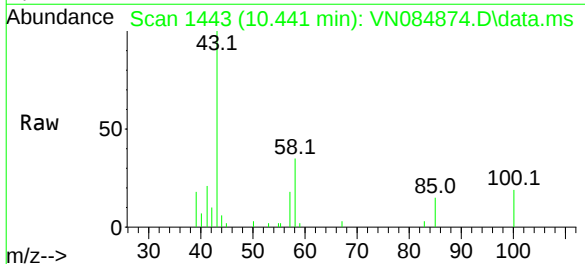
Instrument :
MSVOA_N
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001-WILLETS-PT-BLVD(NOV)

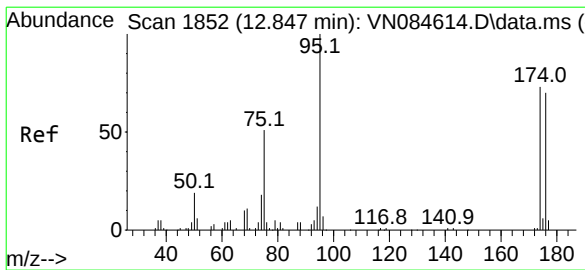
Tgt Ion:117 Resp: 107920
Ion Ratio Lower Upper
117 100
82 56.7 45.5 68.3
119 31.1 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 7.888 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084874.D
Acq: 15 Nov 2024 17:12

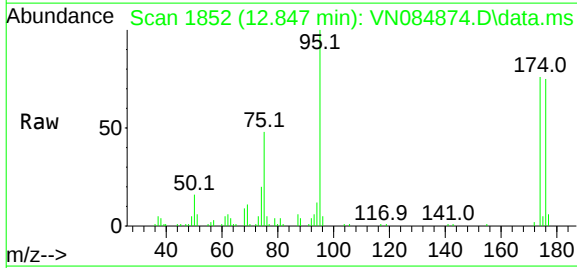
Tgt Ion: 43 Resp: 13430
Ion Ratio Lower Upper
43 100
58 39.9 31.2 46.8
85 17.0 14.9 22.3



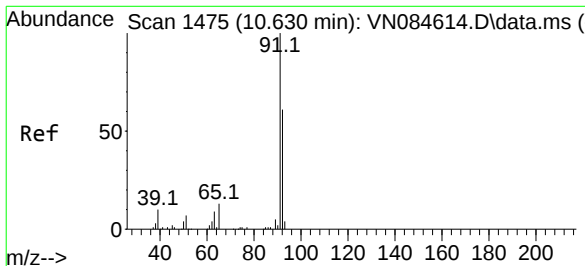
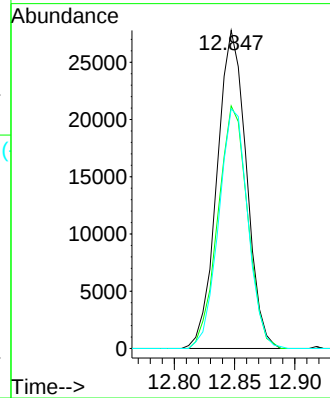
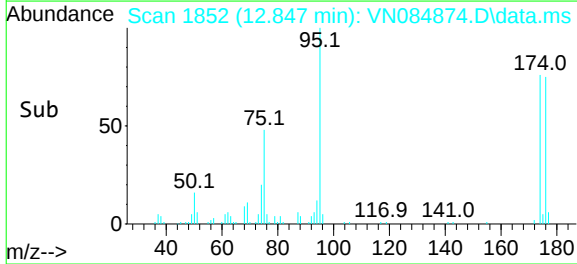


#60
4-Bromofluorobenzene
Concen: 25.383 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084874.D
Acq: 15 Nov 2024 17:12

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)

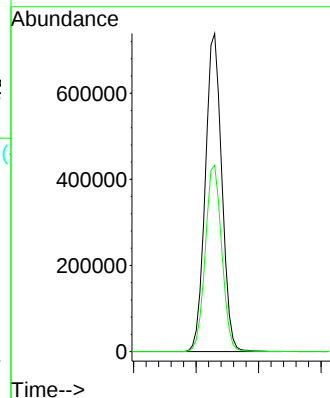
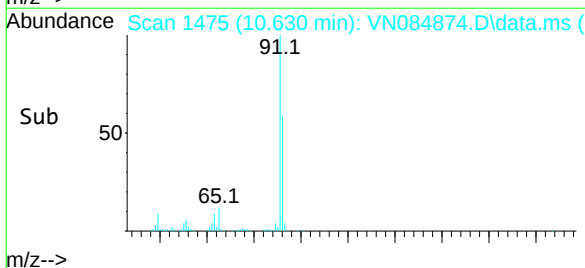
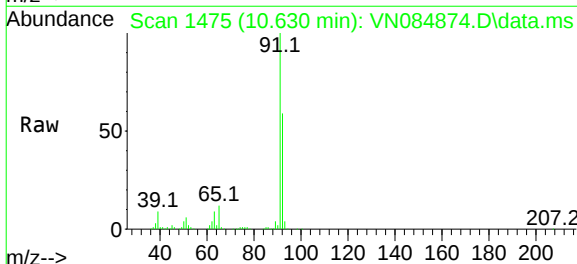


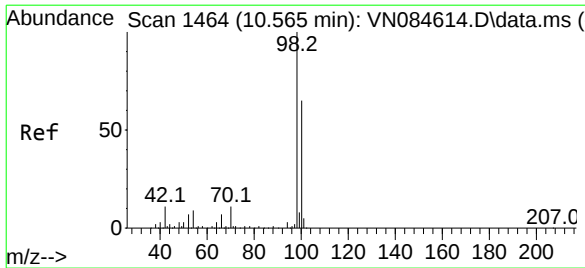
Tgt Ion: 95 Resp: 47167
Ion Ratio Lower Upper
95 100
174 76.8 59.6 89.4
176 74.5 58.6 88.0



#62
Toluene
Concen: 220.149 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084874.D
Acq: 15 Nov 2024 17:12

Tgt Ion: 91 Resp: 1353198
Ion Ratio Lower Upper
91 100
92 58.6 47.5 71.3





#63

Toluene-d8

Concen: 28.496 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084874.D

Acq: 15 Nov 2024 17:12

Instrument :

MSVOA_N

ClientSampleId :

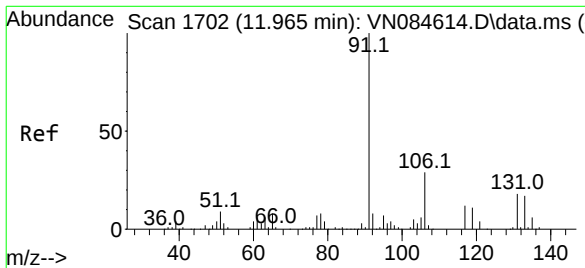
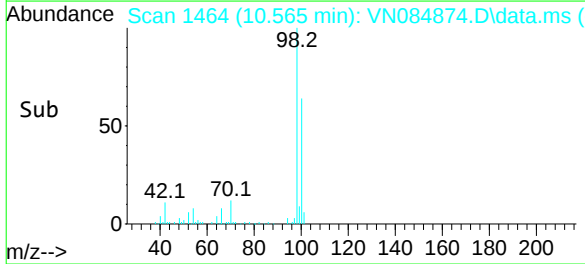
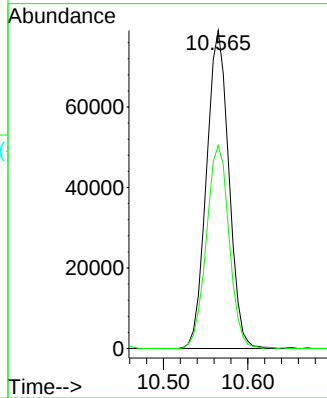
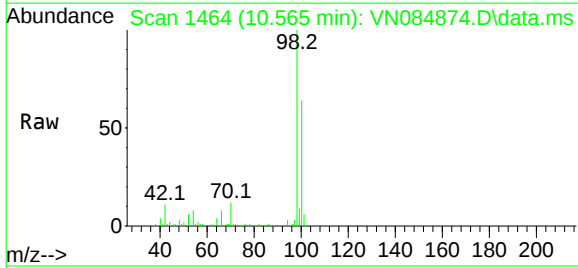
001-WILLETS-PT-BLVD(NOV)

Tgt Ion: 98 Resp: 145584

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#66

Ethyl Benzene

Concen: 0.300 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN084874.D

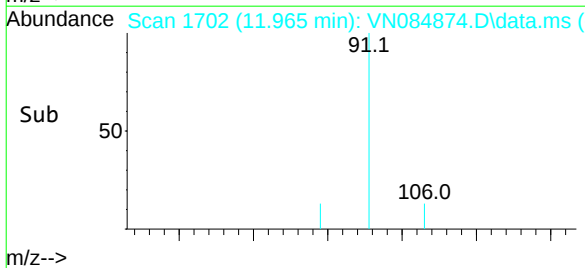
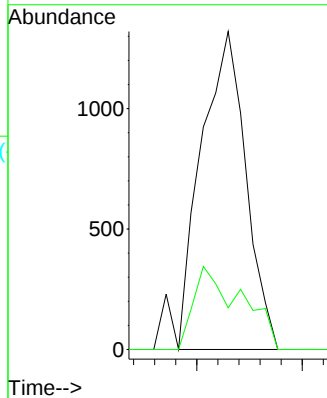
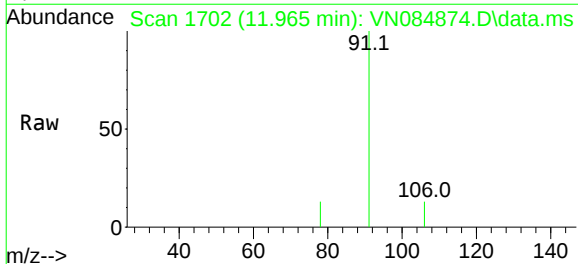
Acq: 15 Nov 2024 17:12

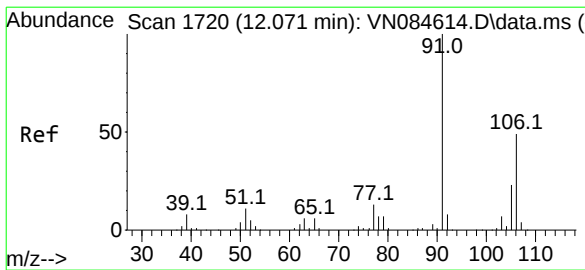
Tgt Ion: 91 Resp: 1938

Ion Ratio Lower Upper

91 100

106 13.1 22.9 34.3#

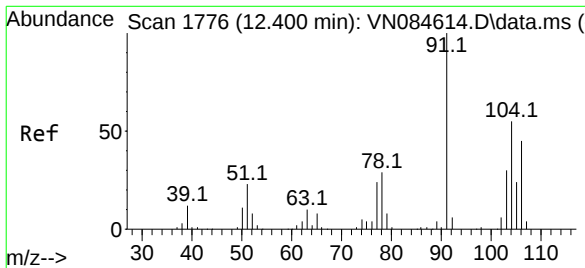
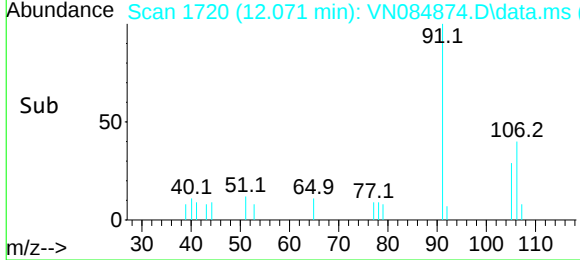
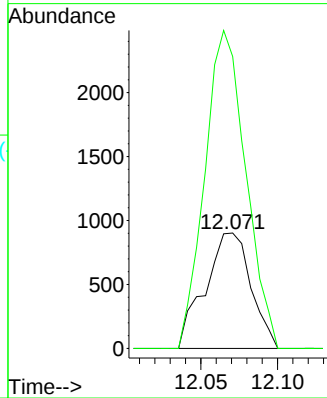
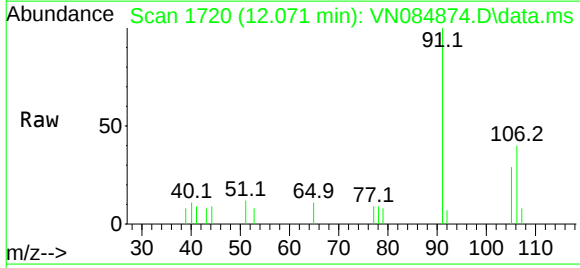




#67
m/p-Xylenes
Concen: 0.758 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084874.D
Acq: 15 Nov 2024 17:12

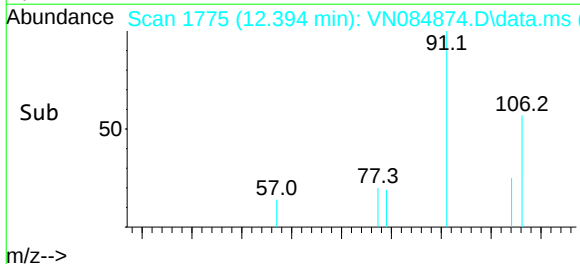
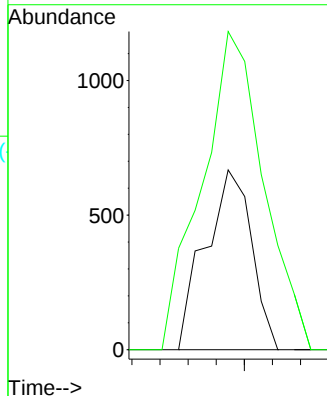
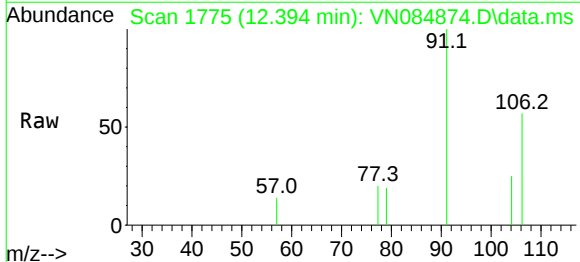
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)

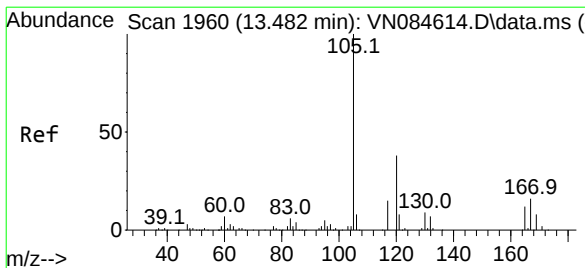
Tgt Ion:106 Resp: 1875
Ion Ratio Lower Upper
106 100
91 246.3 168.1 252.1



#68
o-Xylene
Concen: 0.321 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN084874.D
Acq: 15 Nov 2024 17:12

Tgt Ion:106 Resp: 766
Ion Ratio Lower Upper
106 100
91 236.2 107.7 322.9





#80

1,2,4-Trimethylbenzene

Concen: 0.834 ug/l

RT: 13.488 min Scan# 19

Delta R.T. 0.006 min

Lab File: VN084874.D

Acq: 15 Nov 2024 17:12

Instrument :

MSVOA_N

ClientSampleId :

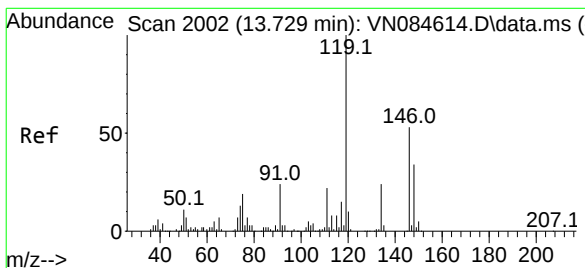
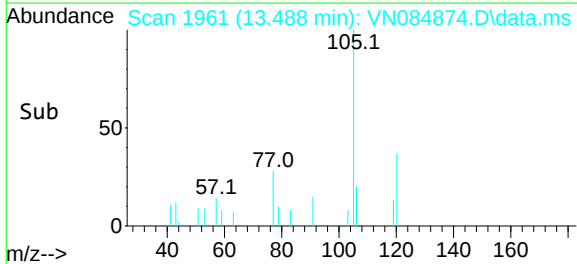
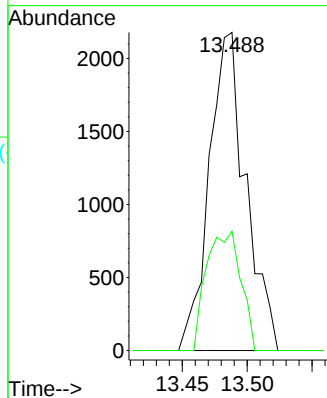
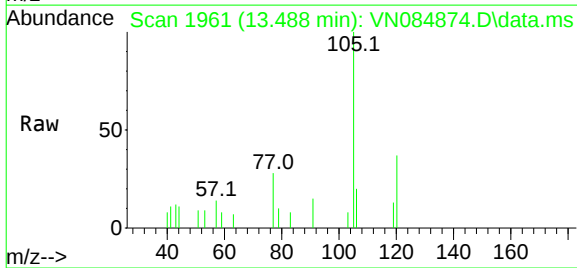
001-WILLETS-PT-BLVD(NOV)

Tgt Ion:105 Resp: 4260

Ion Ratio Lower Upper

105 100

120 35.3 0.0 90.4



#82

p-Isopropyltoluene

Concen: 3.737 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084874.D

Acq: 15 Nov 2024 17:12

Tgt Ion:119 Resp: 18116

Ion Ratio Lower Upper

119 100

134 26.7 0.0 51.4

91 31.1 0.0 50.4

