

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081123\
 Data File : VN078861.D
 Acq On : 11 Aug 2023 14:27
 Operator : JC\MD
 Sample : 03988-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 12 01:41:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 05:05:47 2023
 Response via : Initial Calibration

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

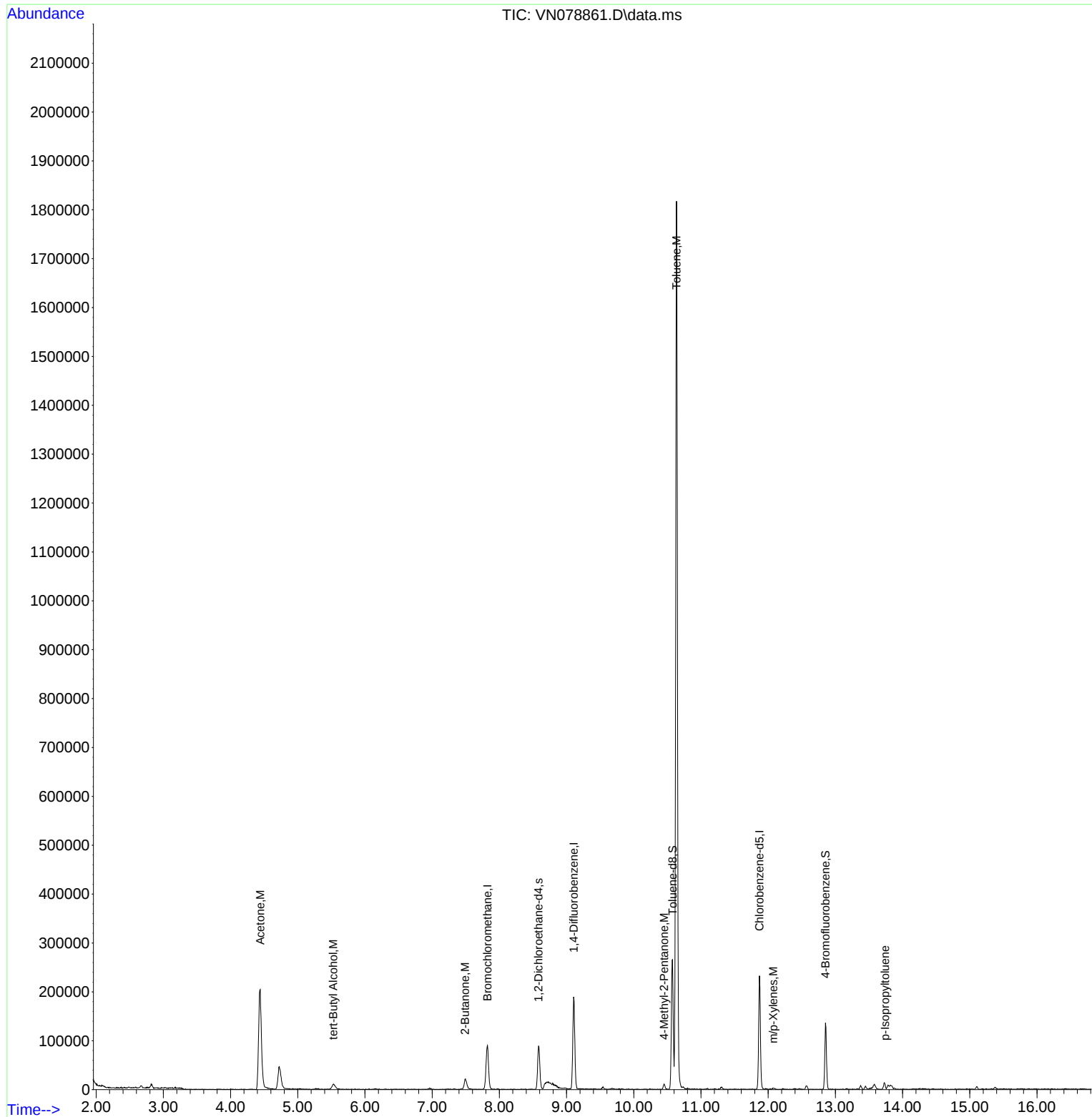
Internal Standards						
1) Bromochloromethane	7.824	128	29780	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	148473	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.871	117	127061	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	70033	29.210	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.367%		
60) 4-Bromofluorobenzene	12.853	95	42294	23.714	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	79.033%		
63) Toluene-d8	10.576	98	185820	29.844	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.467%		
Target Compounds						
					Qvalue	
15) Acetone	4.442	58	118597	484.598	ug/l	96
23) tert-Butyl Alcohol	5.530	59	15718	44.533	ug/l	# 100
30) 2-Butanone	7.488	43	36832	31.153	ug/l	# 82
58) 4-Methyl-2-Pentanone	10.453	43	7672	3.141	ug/l	# 82
62) Toluene	10.635	91	1302492	174.117	ug/l	98
67) m/p-Xylenes	12.076	106	951	0.334	ug/l	87
82) p-Isopropyltoluene	13.741	119	6007	1.255	ug/l	91

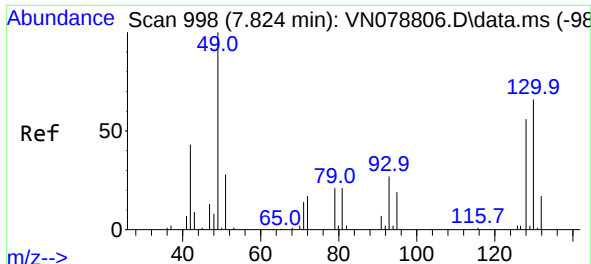
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 09 05:05:47 2023
Response via : Initial Calibration

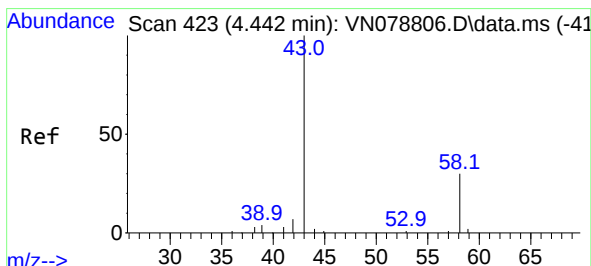
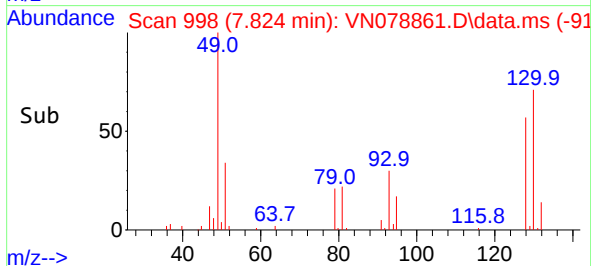
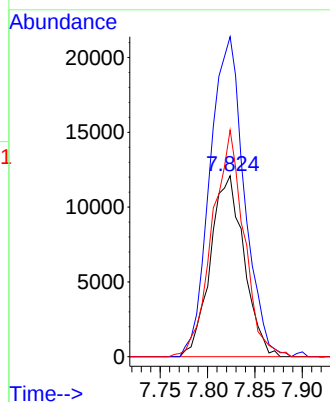
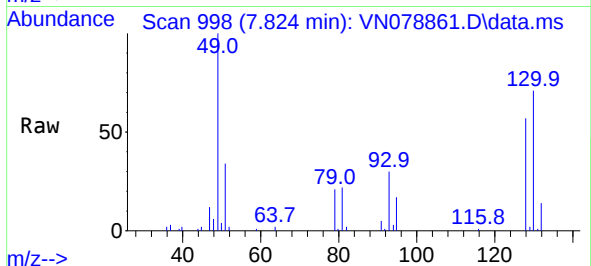




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078861.D
Acq: 11 Aug 2023 14:27

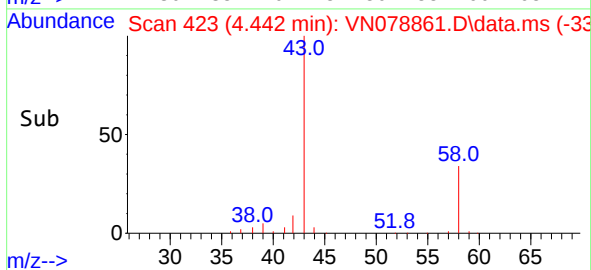
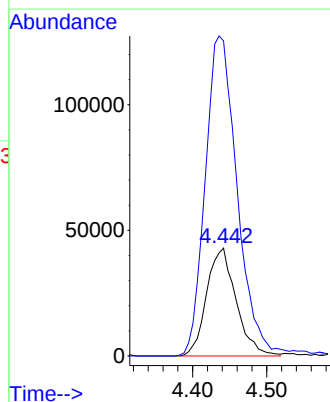
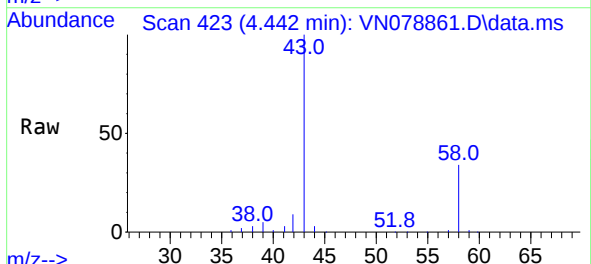
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)

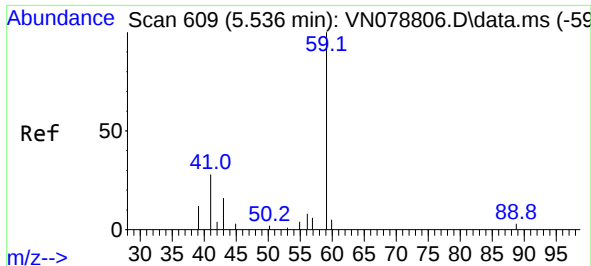
Tgt Ion:128 Resp: 29780
Ion Ratio Lower Upper
128 100
49 181.0 0.0 370.8
130 119.0 0.0 307.0



#15
Acetone
Concen: 484.598 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078861.D
Acq: 11 Aug 2023 14:27

Tgt Ion: 58 Resp: 118597
Ion Ratio Lower Upper
58 100
43 291.2 227.5 341.3

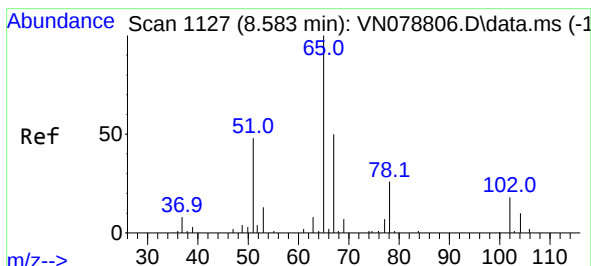
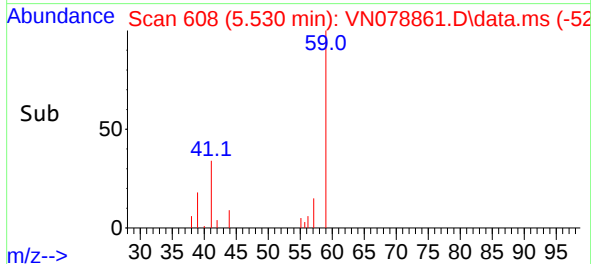
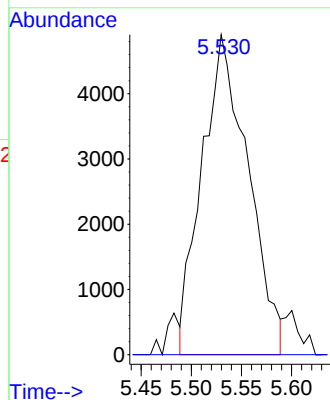
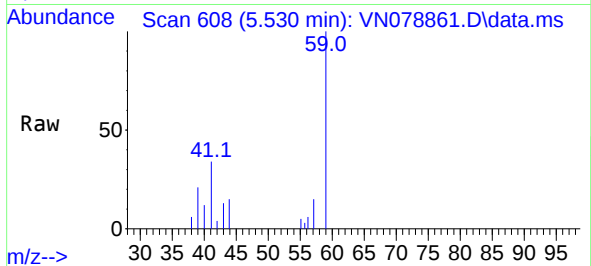




#23
tert-Butyl Alcohol
Concen: 44.533 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078861.D
Acq: 11 Aug 2023 14:27

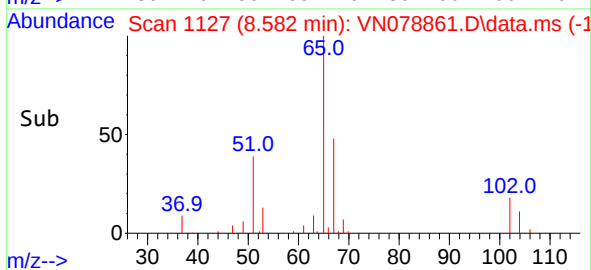
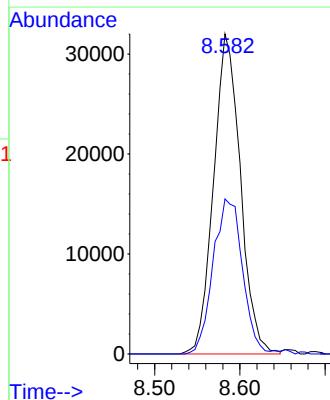
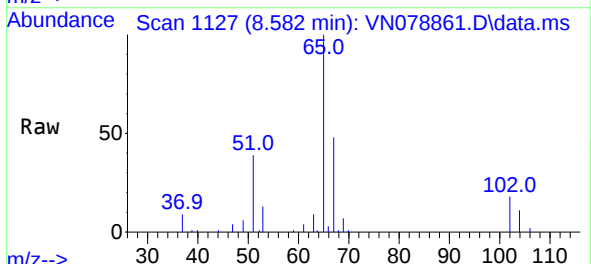
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)

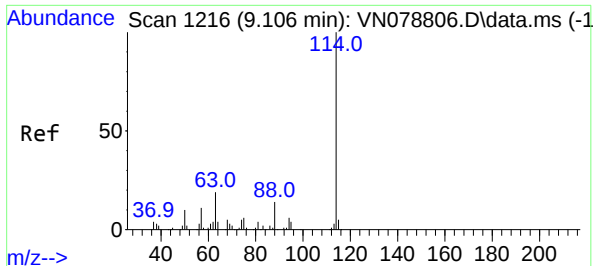
Tgt Ion: 59 Resp: 15718
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#27
1,2-Dichloroethane-d4
Concen: 29.210 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078861.D
Acq: 11 Aug 2023 14:27

Tgt Ion: 65 Resp: 70033
Ion Ratio Lower Upper
65 100
67 52.9 42.9 64.3

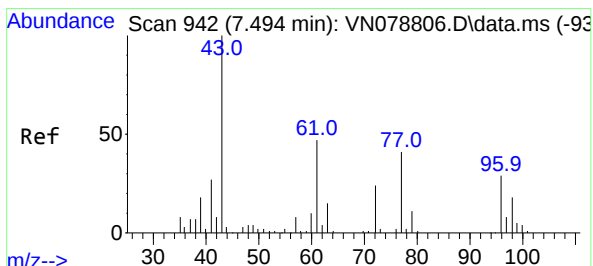
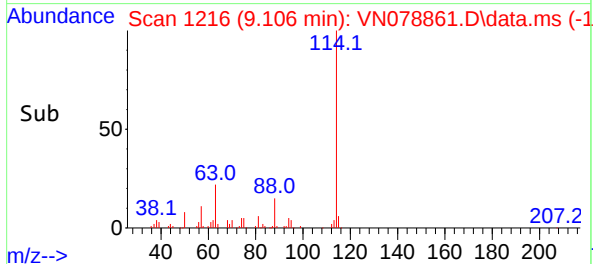
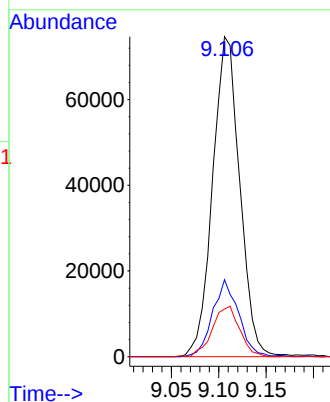
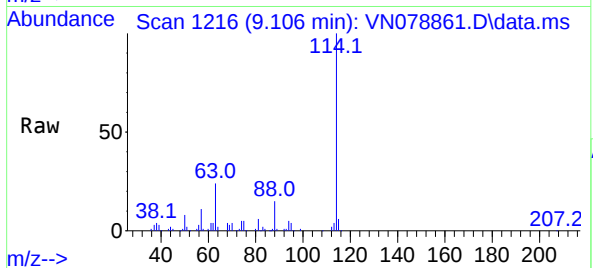




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078861.D
Acq: 11 Aug 2023 14:27

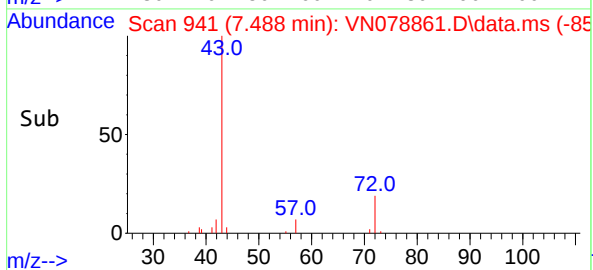
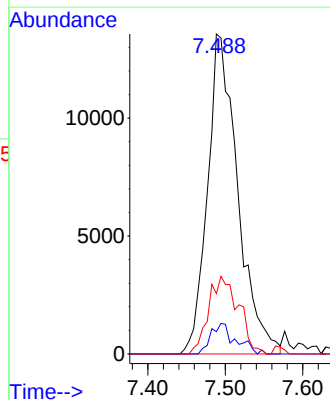
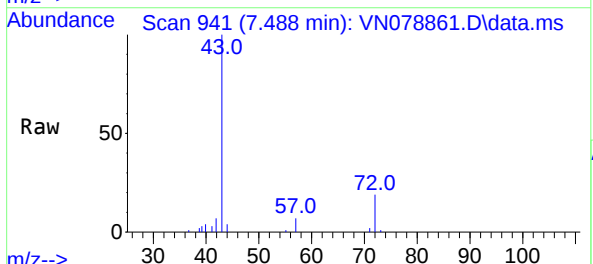
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)

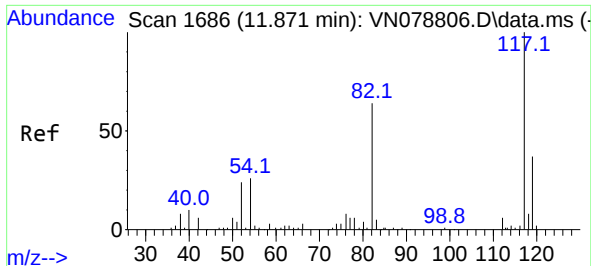
Tgt Ion:114 Resp: 148473
Ion Ratio Lower Upper
114 100
63 23.1 15.2 22.8#
88 15.9 12.5 18.7



#30
2-Butanone
Concen: 31.153 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078861.D
Acq: 11 Aug 2023 14:27

Tgt Ion: 43 Resp: 36832
Ion Ratio Lower Upper
43 100
57 5.4 6.8 10.2#
72 18.9 23.8 35.6#

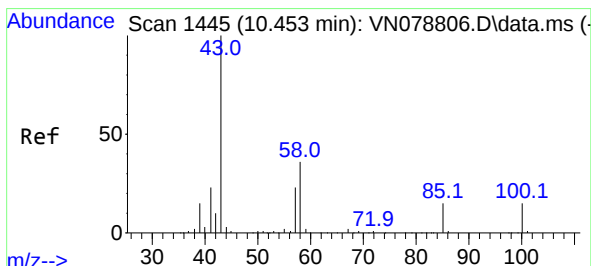
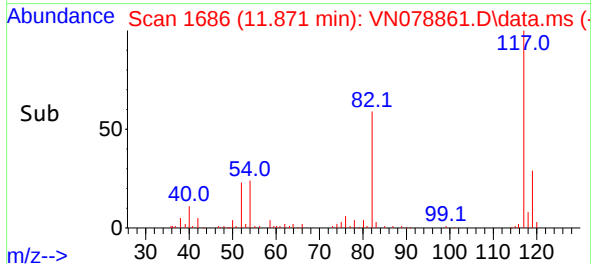
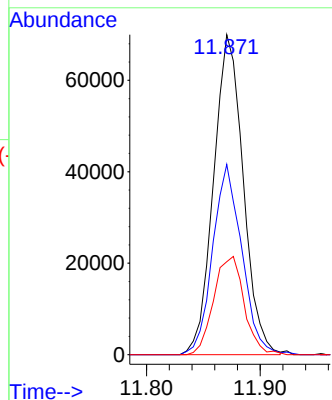
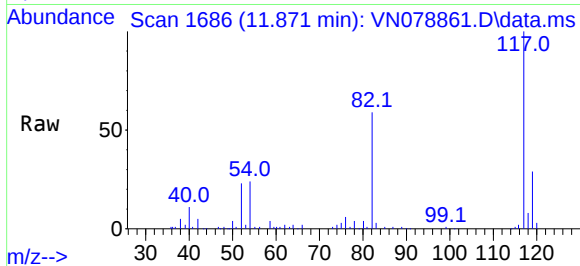




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078861.D
Acq: 11 Aug 2023 14:27

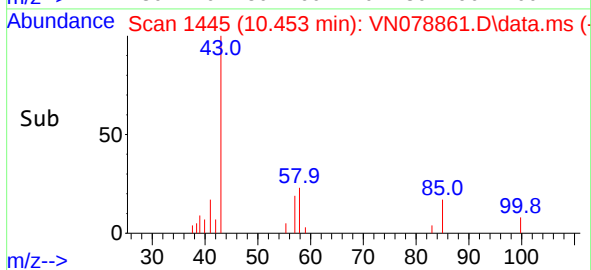
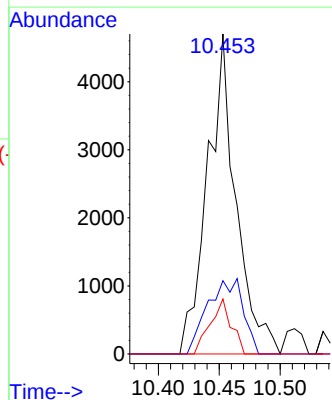
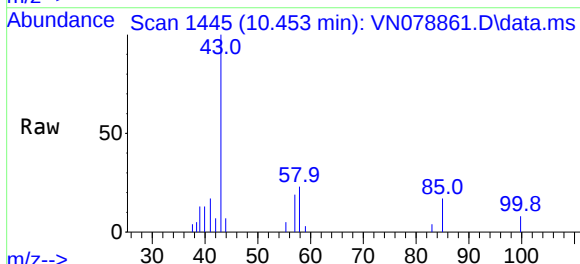
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)

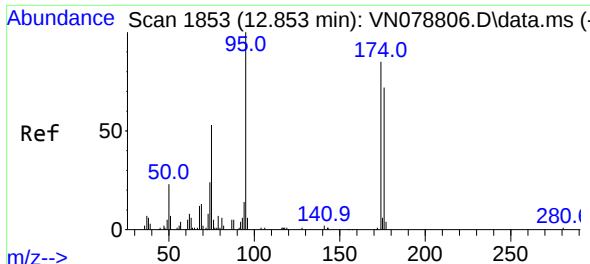
Tgt Ion:117 Resp: 127061
Ion Ratio Lower Upper
117 100
82 58.4 43.9 65.9
119 31.1 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 3.141 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078861.D
Acq: 11 Aug 2023 14:27

Tgt Ion: 43 Resp: 7672
Ion Ratio Lower Upper
43 100
58 29.1 32.6 48.8#
85 12.7 16.2 24.2#

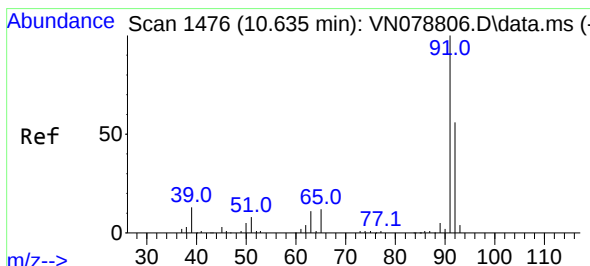
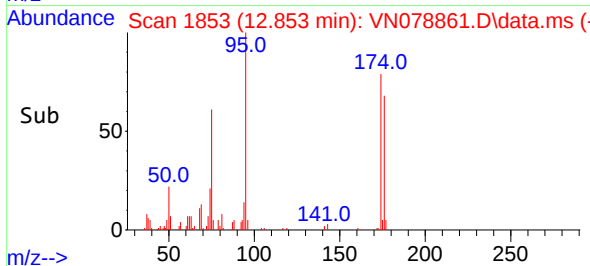
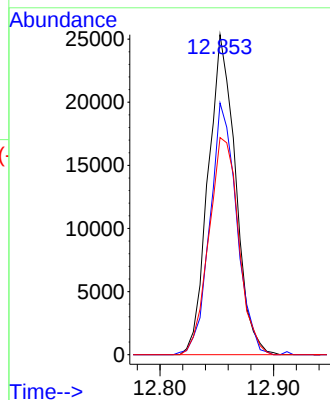
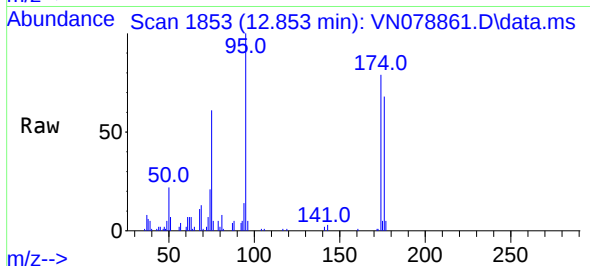




#60
4-Bromofluorobenzene
Concen: 23.714 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078861.D
Acq: 11 Aug 2023 14:27

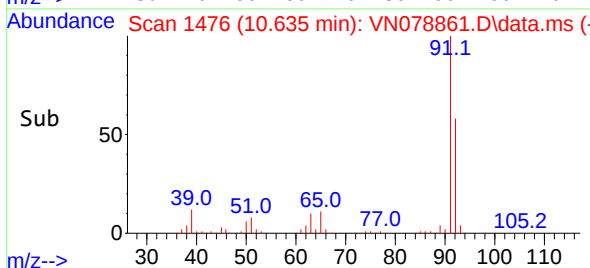
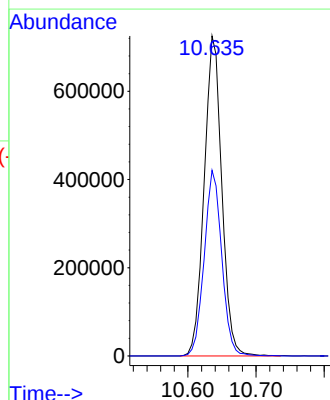
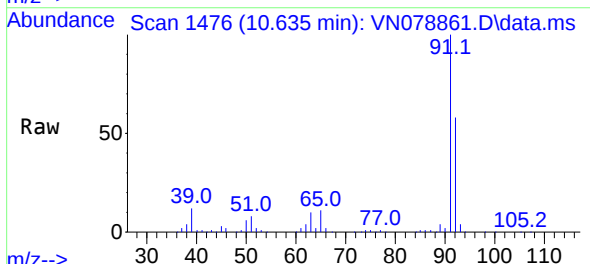
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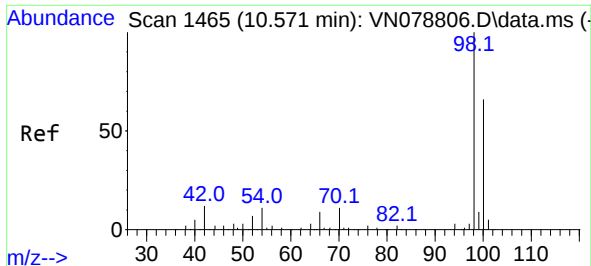
Tgt Ion:	95	Resp:	42294
Ion	Ratio	Lower	Upper
95	100		
174	77.0	61.7	92.5
176	73.8	58.1	87.1



#62
Toluene
Concen: 174.117 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078861.D
Acq: 11 Aug 2023 14:27

Tgt Ion:	91	Resp:	1302492
Ion	Ratio	Lower	Upper
91	100		
92	57.8	45.2	67.8

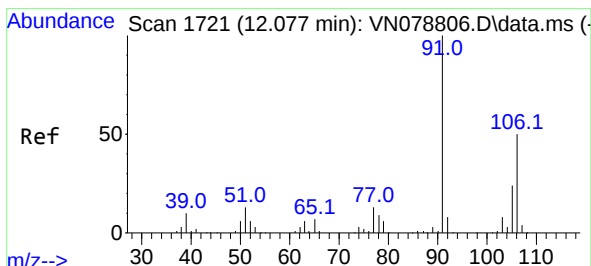
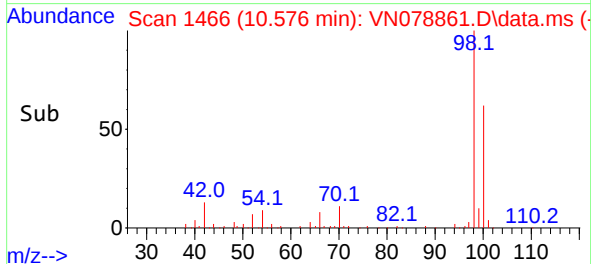
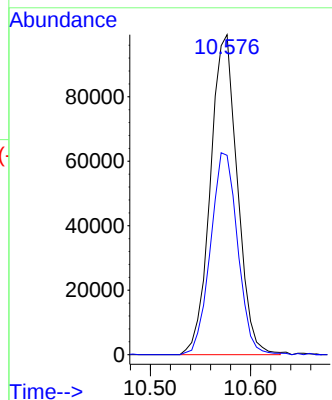
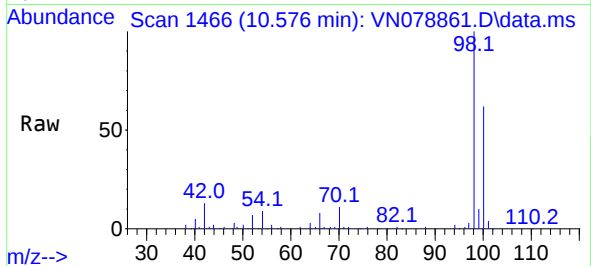




#63
Toluene-d8
Concen: 29.844 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078861.D
Acq: 11 Aug 2023 14:27

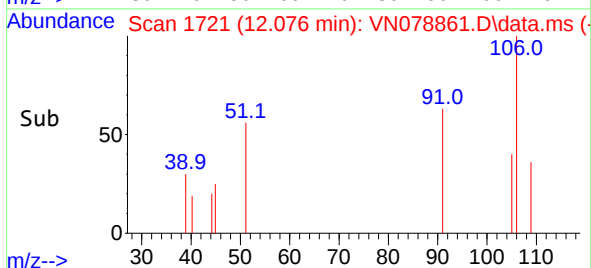
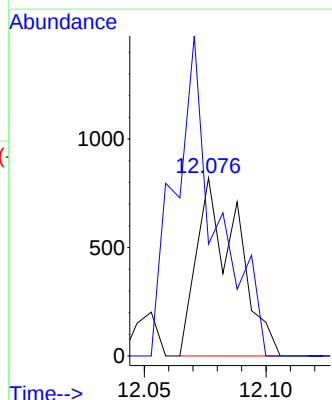
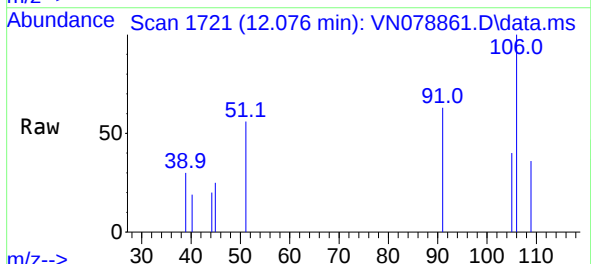
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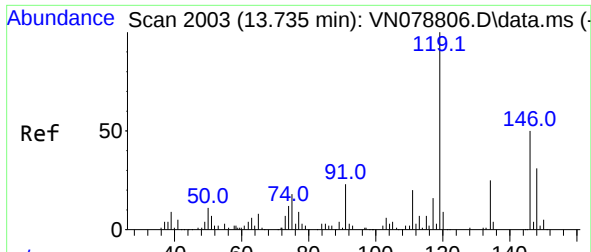
Tgt Ion: 98 Resp: 185820
Ion Ratio Lower Upper
98 100
100 63.3 49.7 74.5



#67
m/p-Xylenes
Concen: 0.334 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078861.D
Acq: 11 Aug 2023 14:27

Tgt Ion: 106 Resp: 951
Ion Ratio Lower Upper
106 100
91 183.7 162.5 243.7





#82

p-Isopropyltoluene

Concen: 1.255 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN078861.D

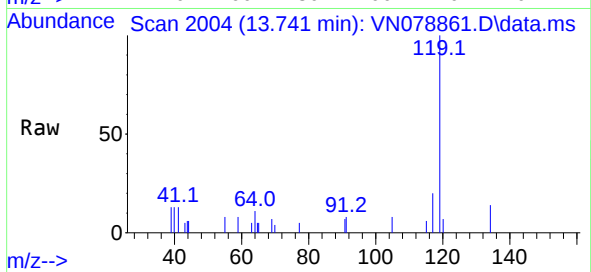
Acq: 11 Aug 2023 14:27

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(AUG)



Tgt Ion:119 Resp: 6007

Ion Ratio Lower Upper

119 100

134 19.1 0.0 52.4

91 26.4 0.0 48.2

