

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN080018.D
 Acq On : 09 Nov 2023 02:17
 Operator : JC\MD
 Sample : 05249-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023

Quant Time: Nov 09 04:33:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	67876	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	316902	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	306403	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	168172	29.516	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.400%		
60) 4-Bromofluorobenzene	12.853	95	126485	25.814	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	86.033%		
63) Toluene-d8	10.571	98	411085	28.316	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	94.400%		
Target Compounds						
						Qvalue
15) Acetone	4.424	58	366011	503.704	ug/l	82
23) tert-Butyl Alcohol	5.518	59	8833m	15.207	ug/l	
25) Chloroform	7.965	83	5690	0.647	ug/l	86
30) 2-Butanone	7.494	43	63667	24.511	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	10262	2.005	ug/l	96
62) Toluene	10.635	91	512349	28.911	ug/l	99
69) Styrene	12.412	104	9372	0.852	ug/l	91
82) p-Isopropyltoluene	13.729	119	9112	0.740	ug/l	88

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

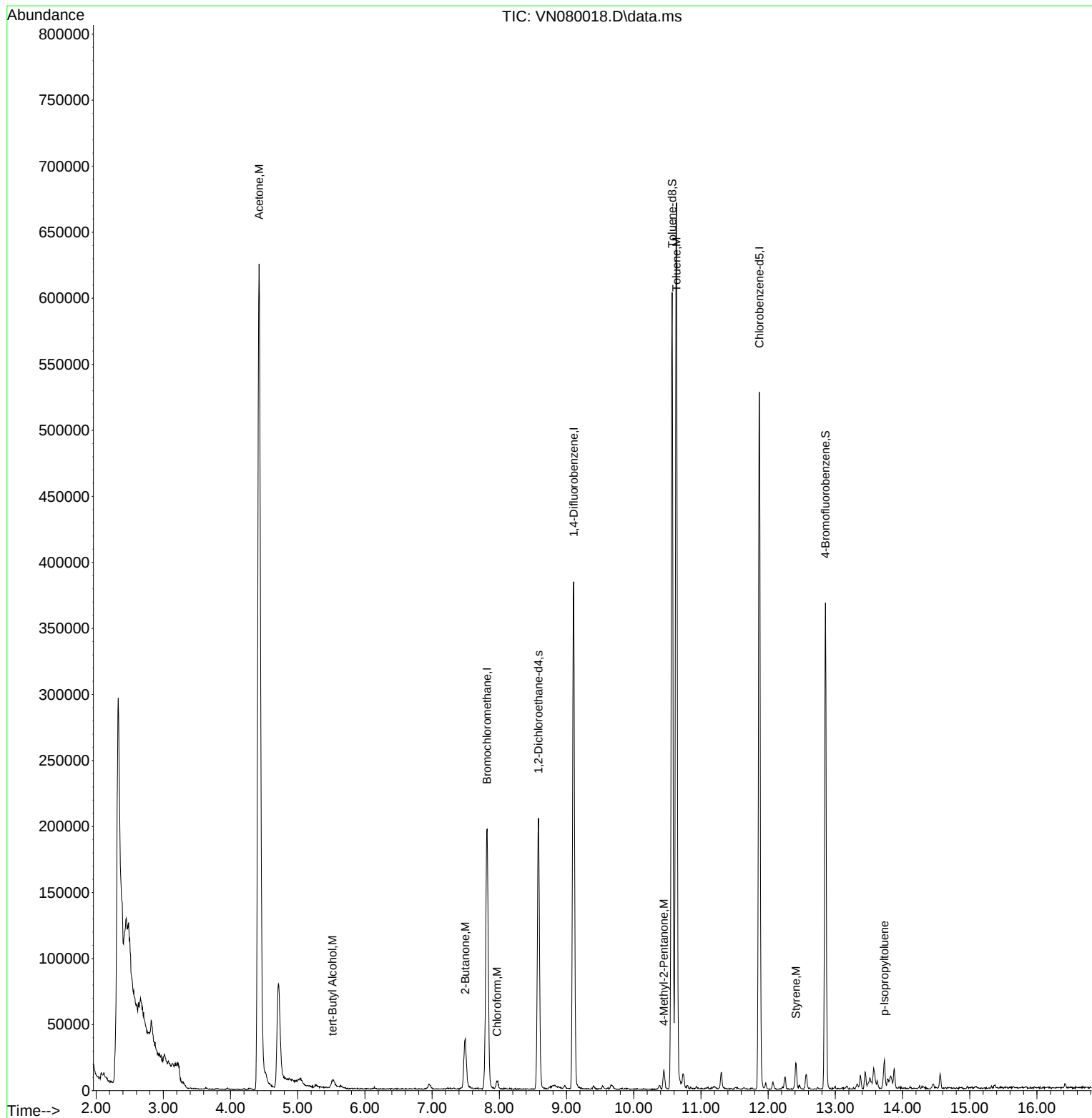
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
Data File : VN080018.D
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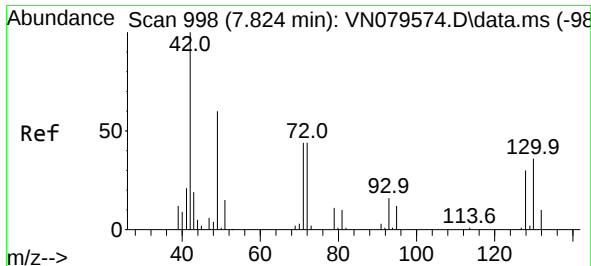
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)

Quant Time: Nov 09 04:33:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Nov 09 04:02:05 2023
Response via : Initial Calibration

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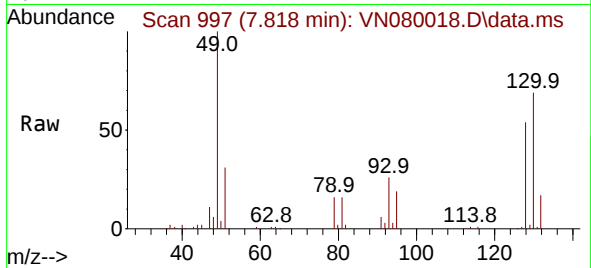
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN080018.D
Acq: 09 Nov 2023 02:17

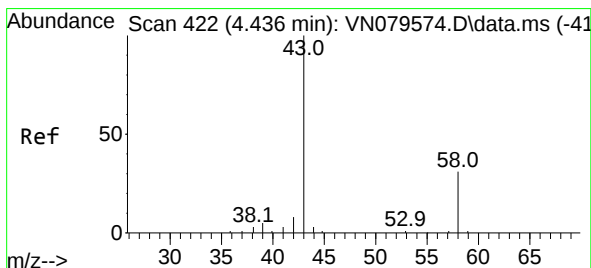
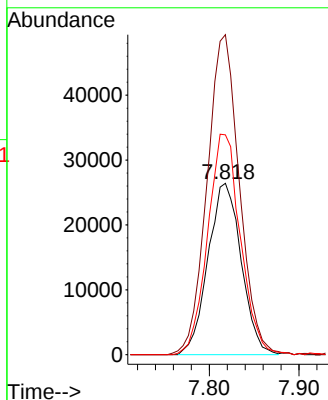
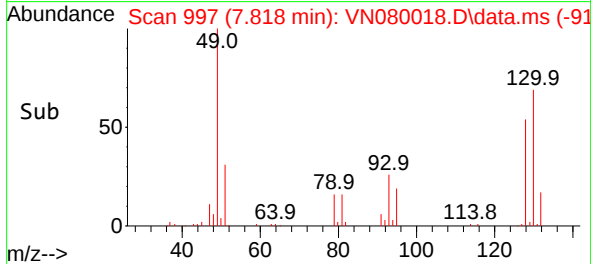
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)



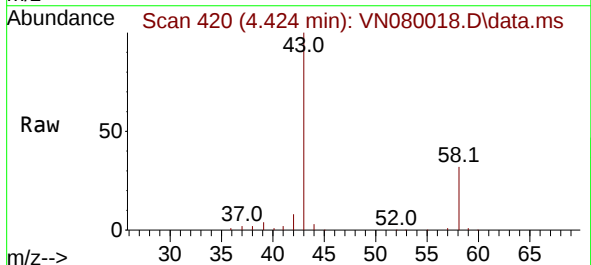
Tgt Ion:128 Resp: 67870
Ion Ratio Lower Upper
128 100
49 181.7 0.0 468.5
130 127.1 0.0 320.7

Manual Integrations
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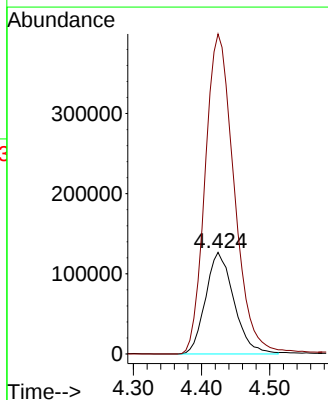
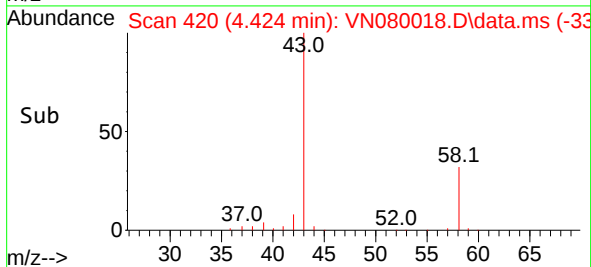
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

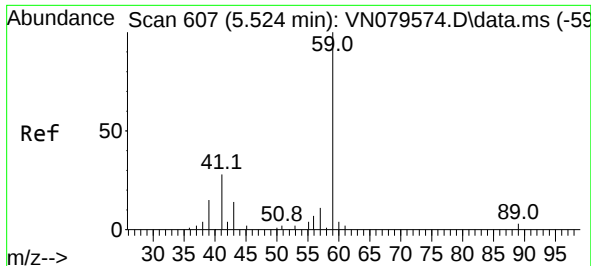


#15
Acetone
Concen: 503.704 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.012 min
Lab File: VN080018.D
Acq: 09 Nov 2023 02:17



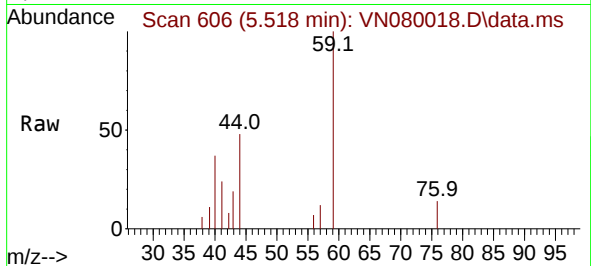
Tgt Ion: 58 Resp: 366011
Ion Ratio Lower Upper
58 100
43 315.2 225.2 337.8





#23
tert-Butyl Alcohol
Concen: 15.207 ug/l m
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN080018.D
Acq: 09 Nov 2023 02:17

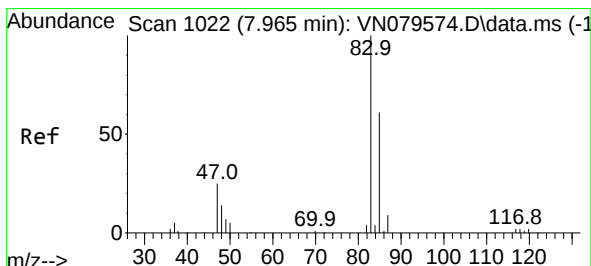
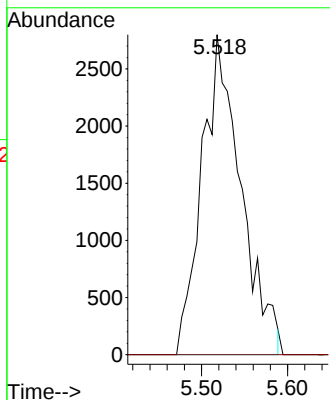
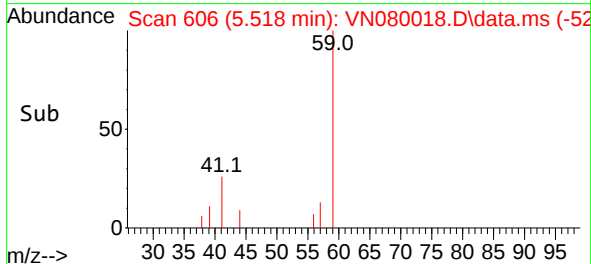
Instrument :
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ClientSampleId :
001-WILLETS-PT-BLVD(NOV)



Tgt Ion: 59 Resp: 883
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

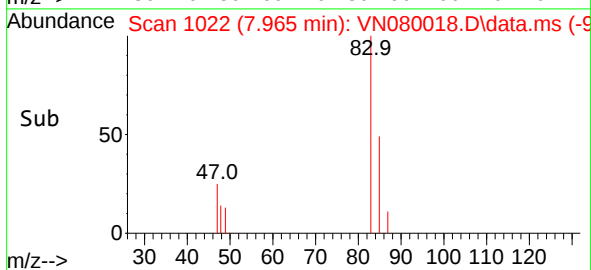
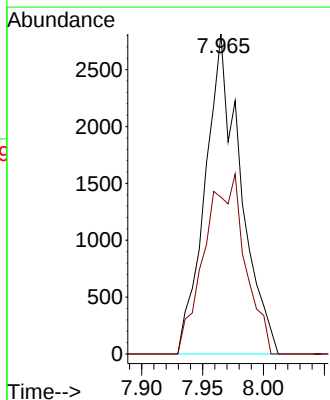
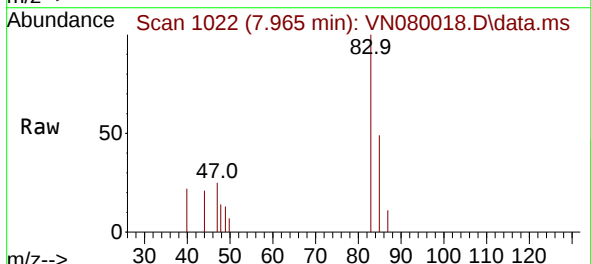
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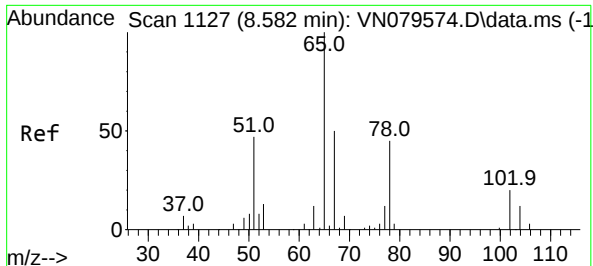
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#25
Chloroform
Concen: 0.647 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080018.D
Acq: 09 Nov 2023 02:17

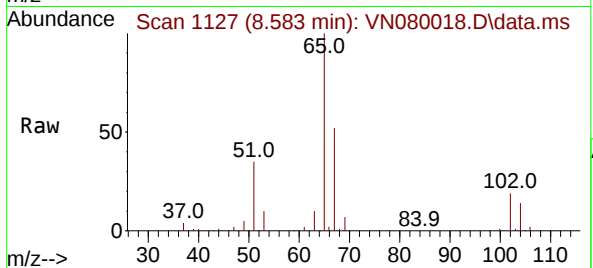
Tgt Ion: 83 Resp: 5690
Ion Ratio Lower Upper
83 100
85 49.0 47.4 71.2





#27
1,2-Dichloroethane-d4
Concen: 29.516 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN080018.D
Acq: 09 Nov 2023 02:17

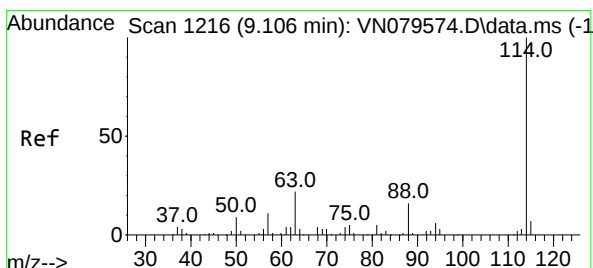
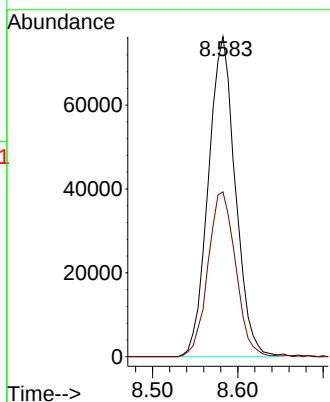
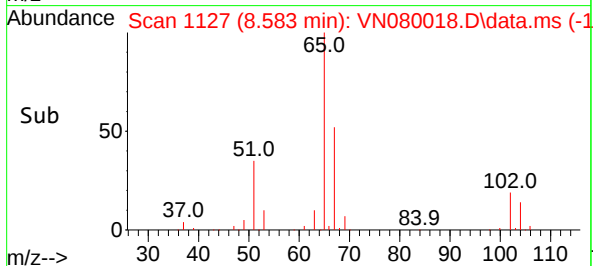
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)



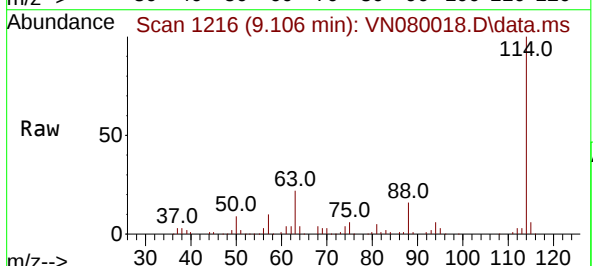
Tgt Ion: 65 Resp: 168172
Ion Ratio Lower Upper
65 100
67 52.7 42.1 63.1

Manual Integrations
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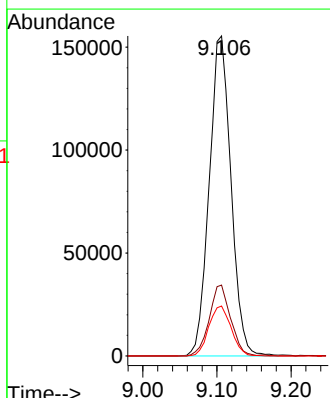
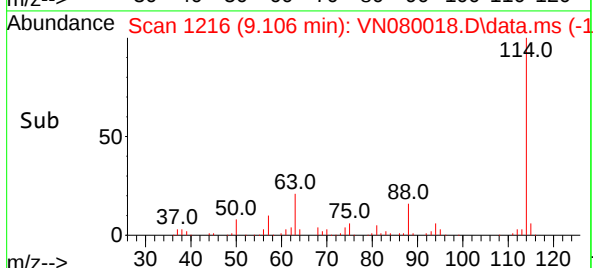
Reviewed By :John Carlone 11/09/2023
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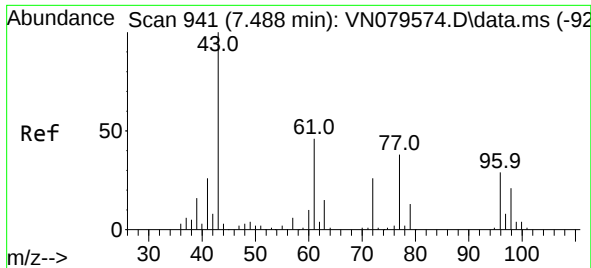


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN080018.D
Acq: 09 Nov 2023 02:17



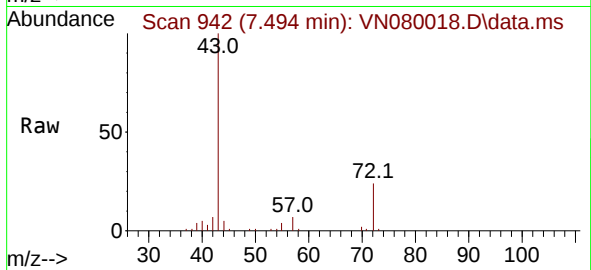
Tgt Ion:114 Resp: 316902
Ion Ratio Lower Upper
114 100
63 21.6 18.1 27.1
88 16.0 12.2 18.2





#30
2-Butanone
Concen: 24.511 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080018.D
Acq: 09 Nov 2023 02:17

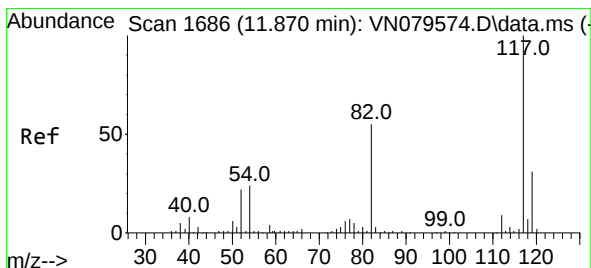
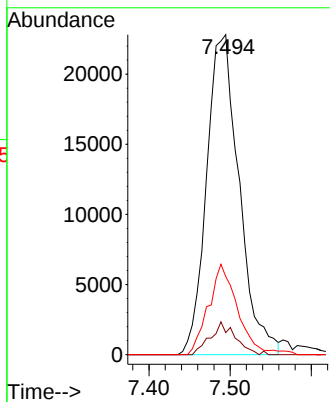
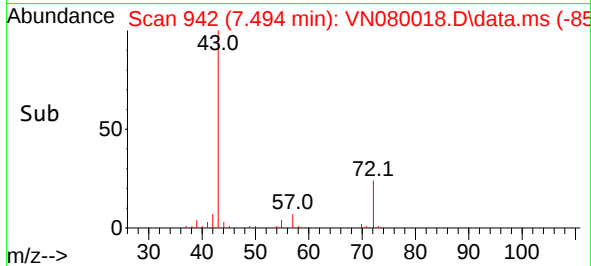
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)



Tgt Ion: 43 Resp: 6366
Ion Ratio Lower Upper
43 100
57 7.8 6.4 9.6
72 24.8 20.7 31.1

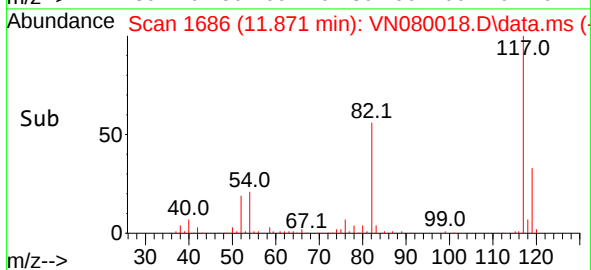
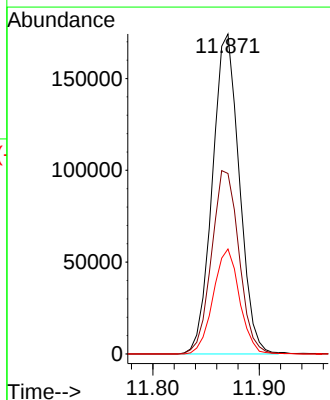
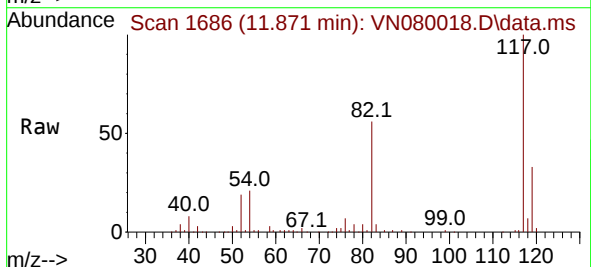
Manual Integrations
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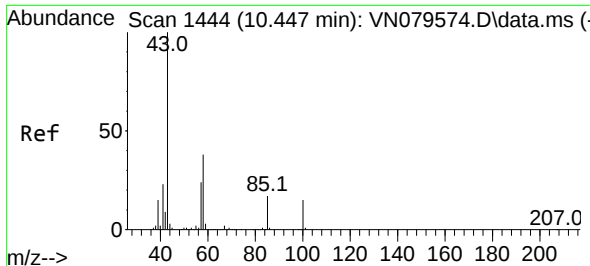
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN080018.D
Acq: 09 Nov 2023 02:17

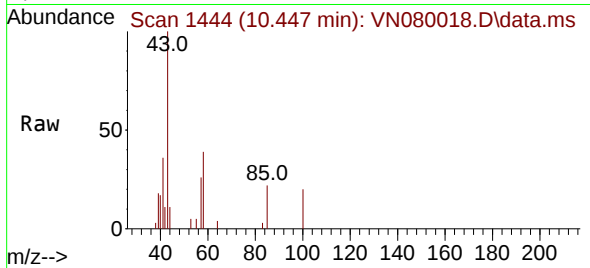
Tgt Ion:117 Resp: 306403
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.2
119 32.1 25.2 37.8





#58
4-Methyl-2-Pentanone
Concen: 2.005 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080018.D
Acq: 09 Nov 2023 02:17

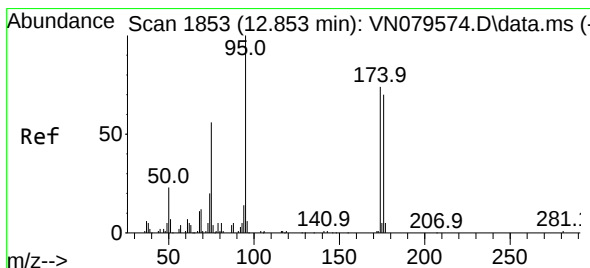
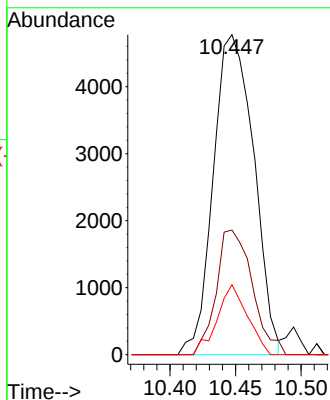
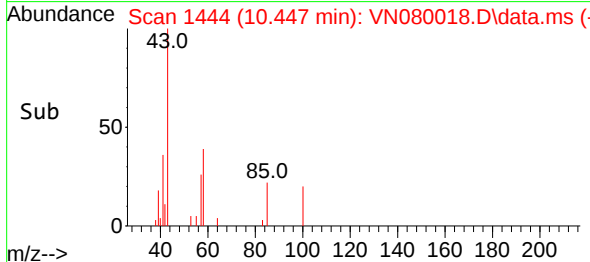
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)



Tgt Ion: 43 Resp: 10262
Ion Ratio Lower Upper
43 100
58 34.6 30.4 45.6
85 16.3 13.2 19.8

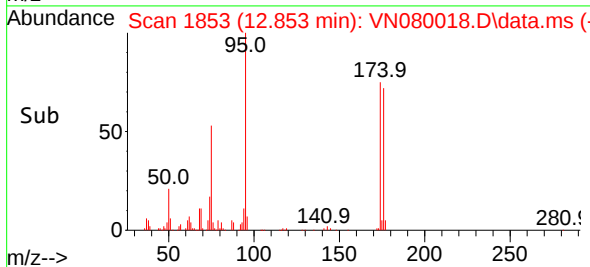
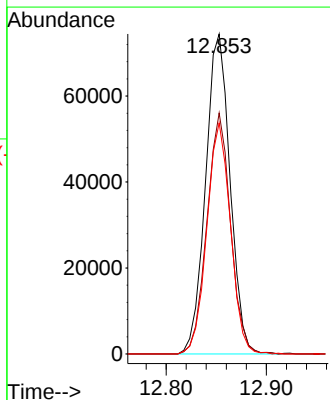
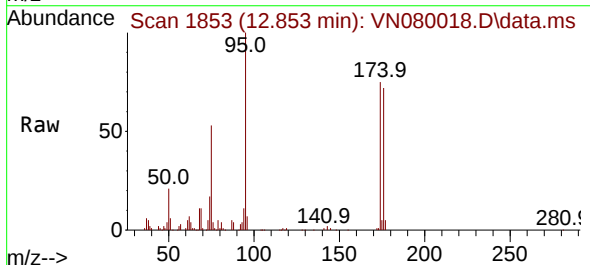
Manual Integrations
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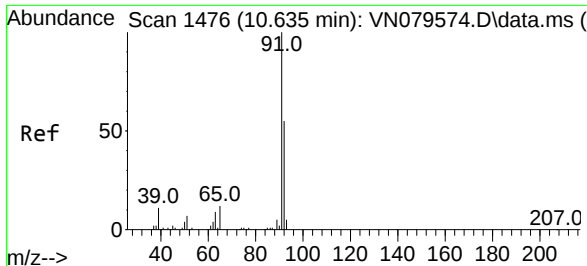
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#60
4-Bromofluorobenzene
Concen: 25.814 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080018.D
Acq: 09 Nov 2023 02:17

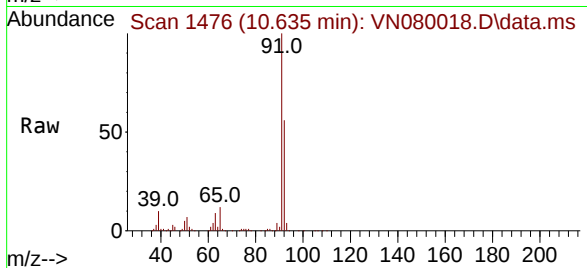
Tgt Ion: 95 Resp: 126485
Ion Ratio Lower Upper
95 100
174 72.6 60.5 90.7
176 69.6 57.2 85.8





#62
Toluene
Concen: 28.911 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080018.D
Acq: 09 Nov 2023 02:17

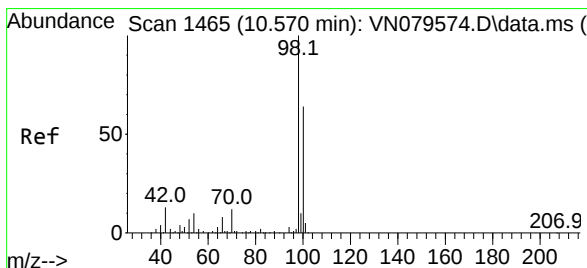
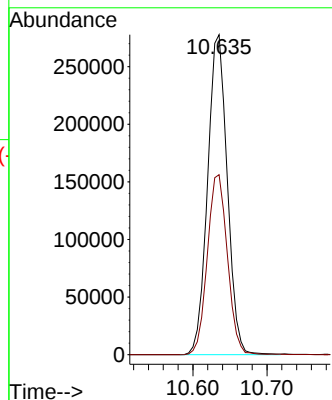
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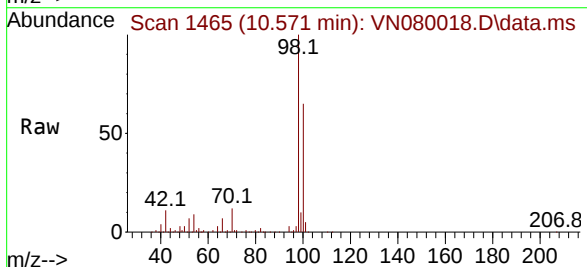
Tgt Ion: 91 Resp: 512349
Ion Ratio Lower Upper
91 100
92 57.3 45.3 67.9

Manual Integrations
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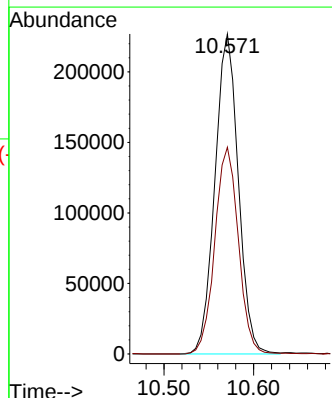
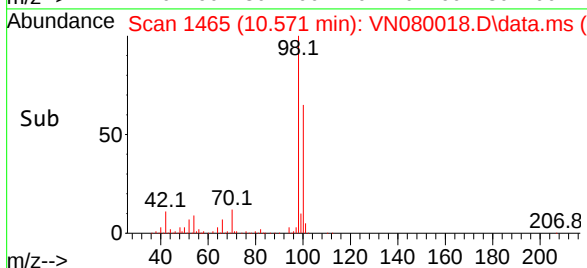
Reviewed By :John Carlone 11/09/2023
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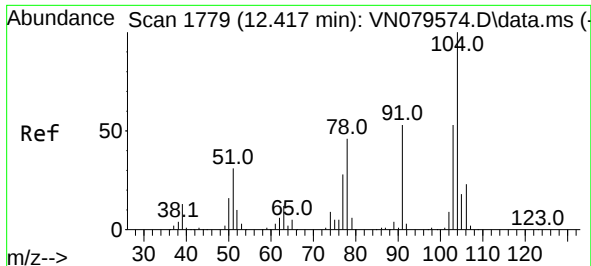


#63
Toluene-d8
Concen: 28.316 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN080018.D
Acq: 09 Nov 2023 02:17



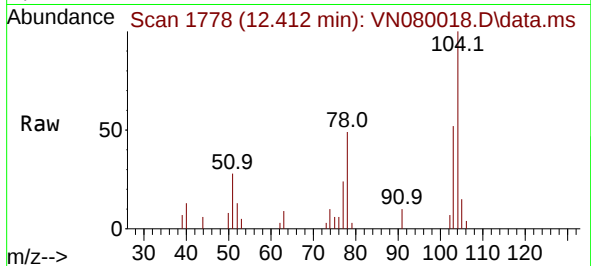
Tgt Ion: 98 Resp: 411085
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4





#69
Styrene
Concen: 0.852 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN080018.D
Acq: 09 Nov 2023 02:17

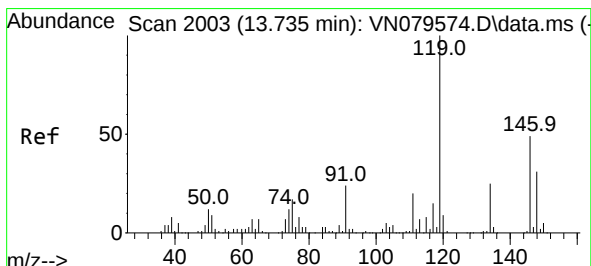
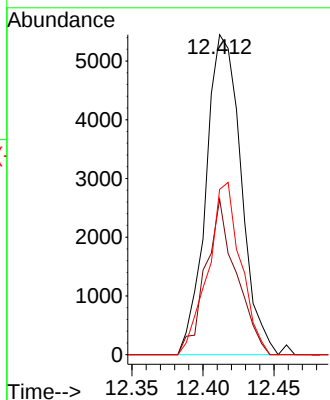
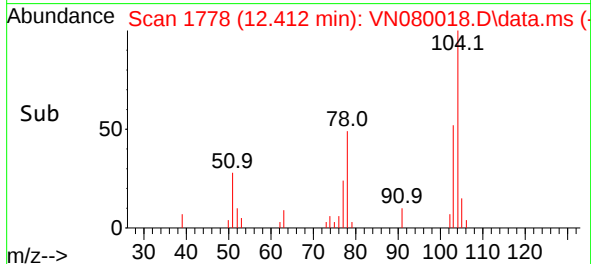
Instrument :
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001-WILLETS-PT-BLVD(NOV)



Tgt Ion:104 Resp: 937
Ion Ratio Lower Upper
104 100
78 42.3 41.2 61.8
103 50.0 43.1 64.7

Manual Integrations
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Supervised By :Semsettin Yesilyurt 11/09/2023



#82
p-Isopropyltoluene
Concen: 0.740 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.006 min
Lab File: VN080018.D
Acq: 09 Nov 2023 02:17

Tgt Ion:119 Resp: 9112
Ion Ratio Lower Upper
119 100
134 22.8 0.0 52.2
91 33.5 0.0 50.0

