

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090823\
 Data File : VN079203.D
 Acq On : 08 Sep 2023 17:30
 Operator : JC\MD
 Sample : 04376-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Sep 09 00:29:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/09/2023
 Supervised By : Mahesh Dadoda 09/11/2023

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

Internal Standards						
1) Bromochloromethane	7.818	128	18813	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	90578	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	77770	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	43698	30.916	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.067%			
60) 4-Bromofluorobenzene	12.859	95	25701	22.429	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 74.767%			
63) Toluene-d8	10.577	98	108006	29.717	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.067%			
Target Compounds						
					Qvalue	
15) Acetone	4.436	58	25083	212.533	ug/l	80
23) tert-Butyl Alcohol	5.530	59	13614	78.223	ug/l #	100
25) Chloroform	7.965	83	2587m	1.154	ug/l	
30) 2-Butanone	7.500	43	6677	9.141	ug/l #	87
62) Toluene	10.635	91	222854	49.215	ug/l	100
82) p-Isopropyltoluene	13.735	119	2637	0.855	ug/l	96

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

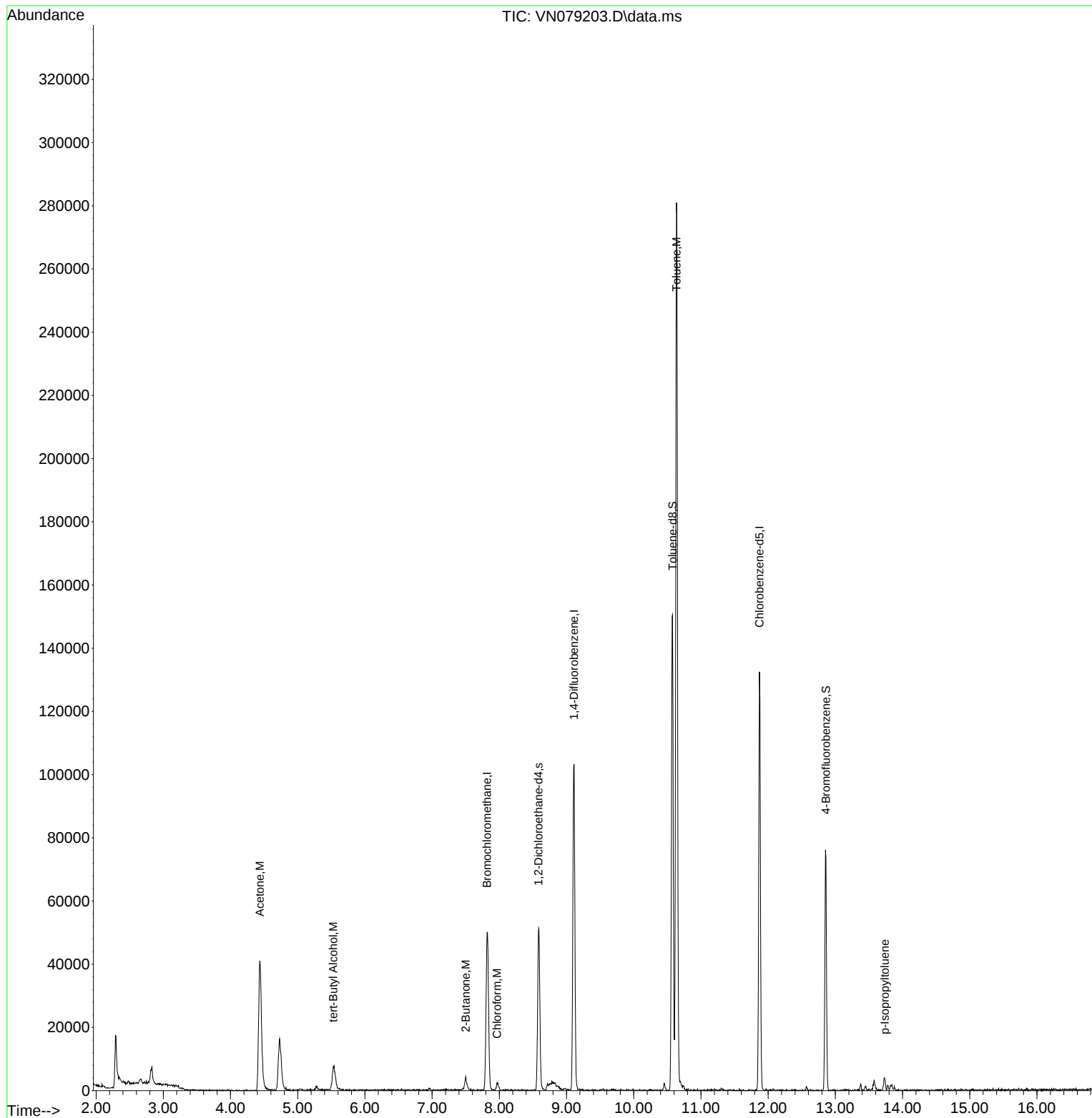
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090823\
Data File : VN079203.D
Acq On : 08 Sep 2023 17:30
Operator : JC\MD
Sample : 04376-01
Misc : 5.0mL/MSVOA_N/WATER
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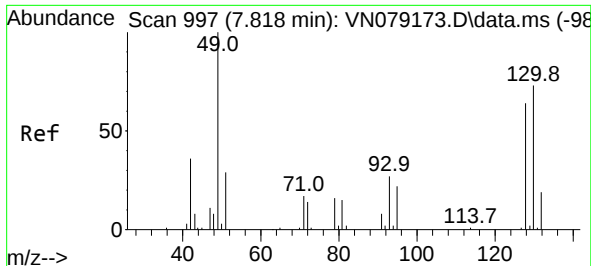
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

Quant Time: Sep 09 00:29:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 08 05:09:17 2023
Response via : Initial Calibration

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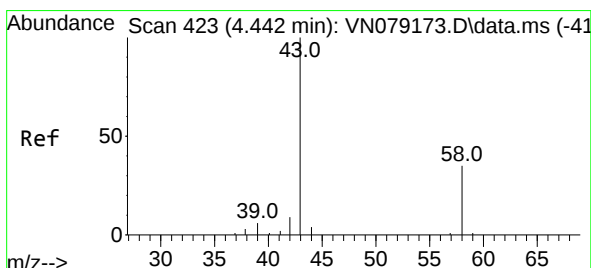
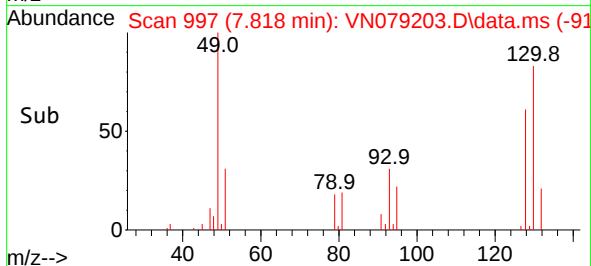
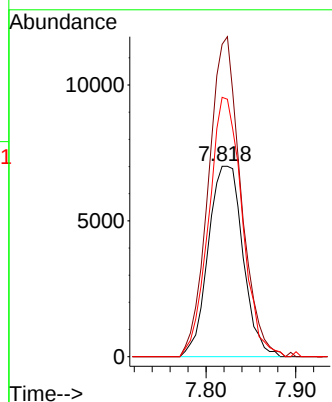
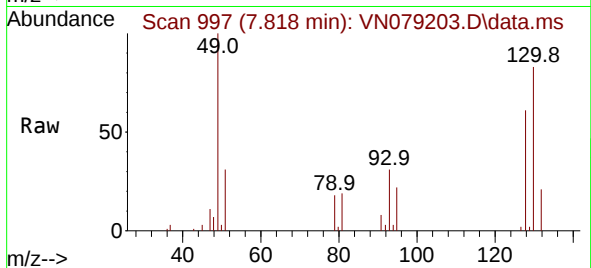
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079203.D
Acq: 08 Sep 2023 17:30

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

Tgt Ion:128 Resp: 1881
Ion Ratio Lower Upper
128 100
49 156.7 0.0 414.3
130 131.0 0.0 311.0

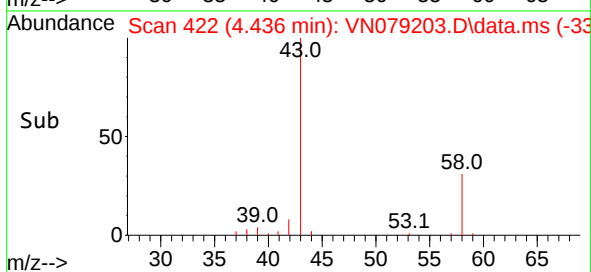
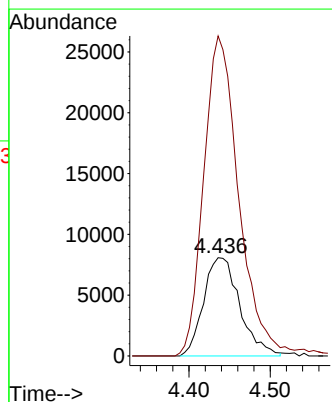
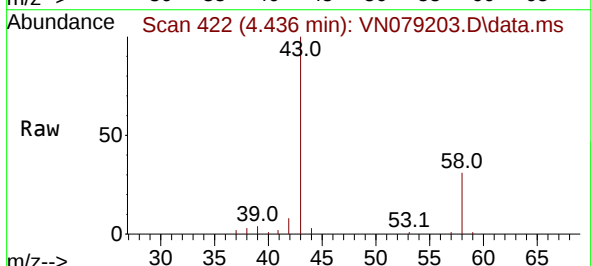
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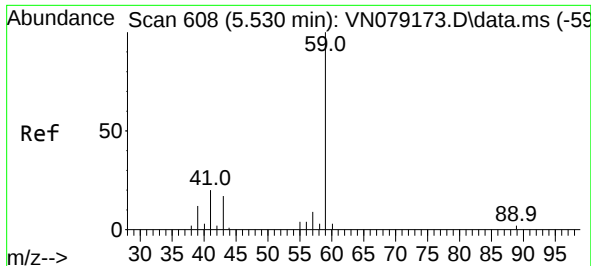
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#15
Acetone
Concen: 212.533 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079203.D
Acq: 08 Sep 2023 17:30

Tgt Ion: 58 Resp: 25083
Ion Ratio Lower Upper
58 100
43 322.7 228.3 342.5





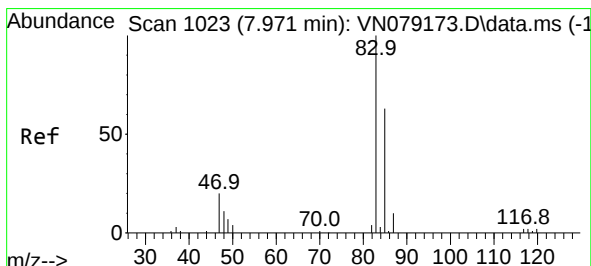
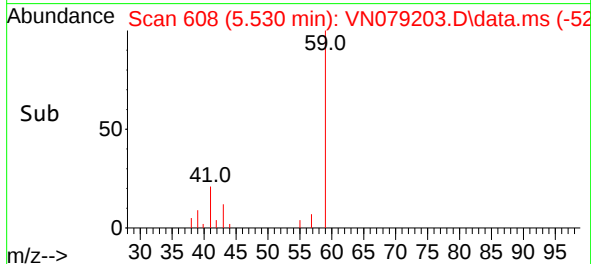
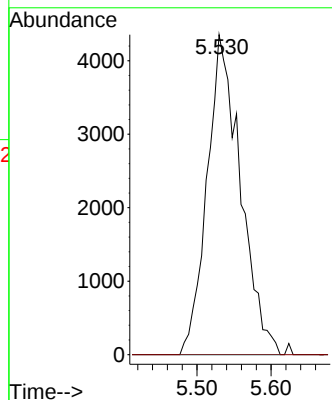
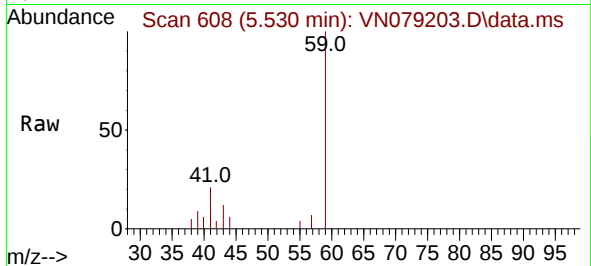
#23
tert-Butyl Alcohol
Concen: 78.223 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079203.D
Acq: 08 Sep 2023 17:30

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

Tgt Ion: 59 Resp: 13614
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

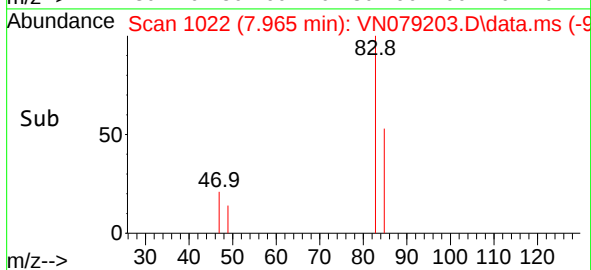
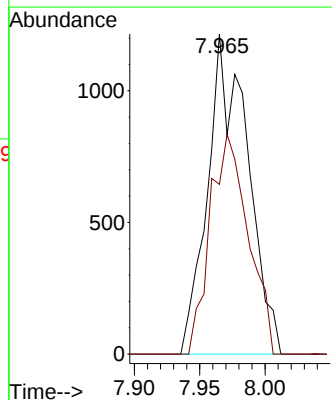
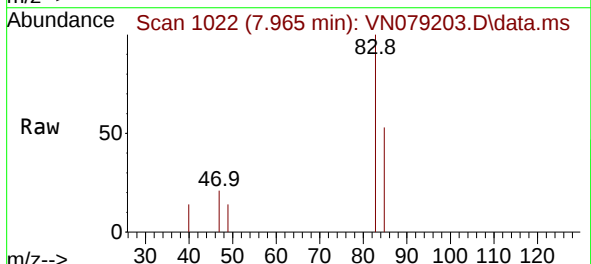
Manual Integrations
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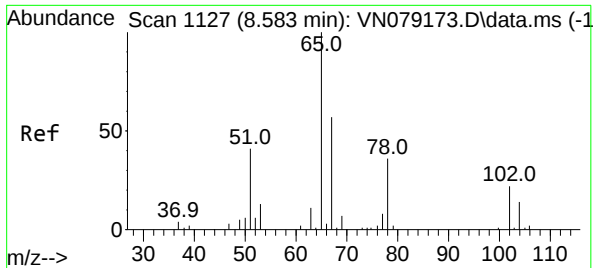
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#25
Chloroform
Concen: 1.154 ug/l m
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN079203.D
Acq: 08 Sep 2023 17:30

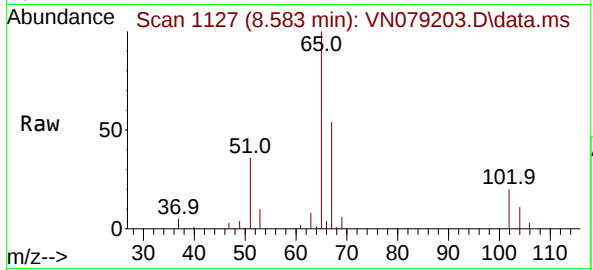
Tgt Ion: 83 Resp: 2587
Ion Ratio Lower Upper
83 100
85 53.0 50.6 76.0





#27
1,2-Dichloroethane-d4
Concen: 30.916 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079203.D
Acq: 08 Sep 2023 17:30

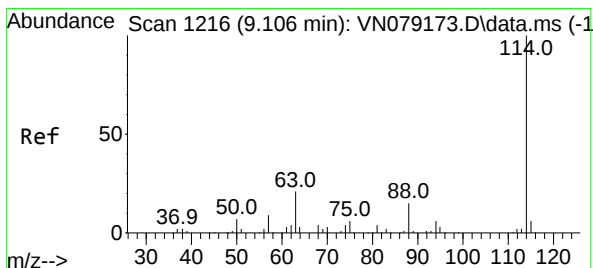
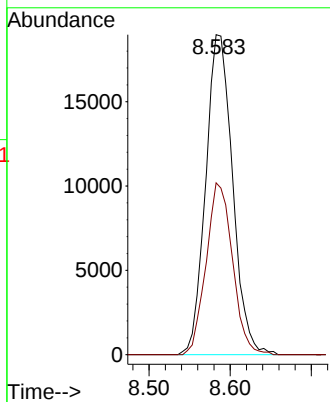
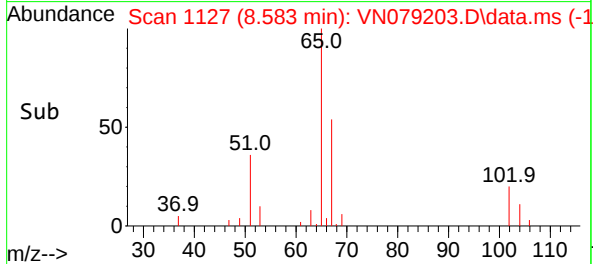
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)



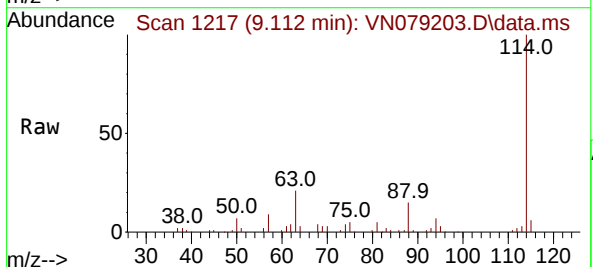
Tgt Ion: 65 Resp: 43698
Ion Ratio Lower Upper
65 100
67 52.7 44.4 66.6

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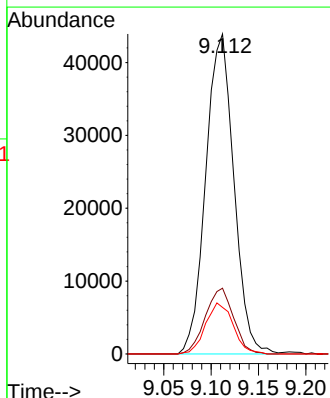
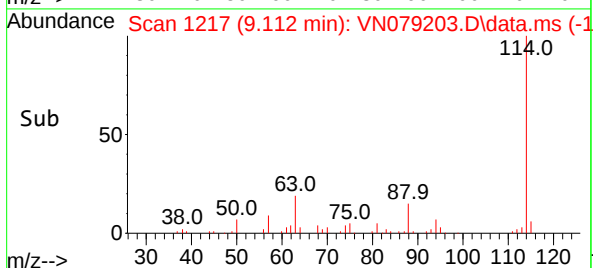
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

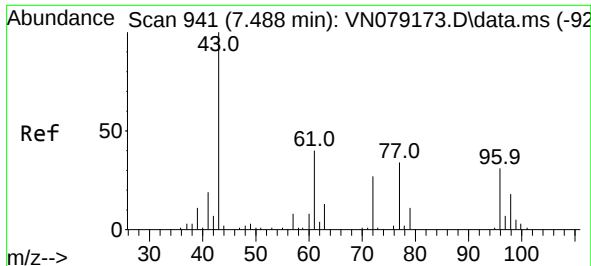


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN079203.D
Acq: 08 Sep 2023 17:30



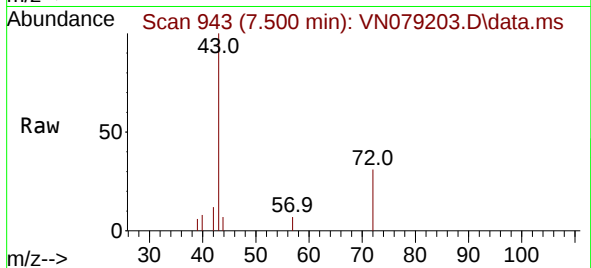
Tgt Ion:114 Resp: 90578
Ion Ratio Lower Upper
114 100
63 20.6 17.0 25.4
88 15.7 12.8 19.2





#30
2-Butanone
Concen: 9.141 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN079203.D
Acq: 08 Sep 2023 17:30

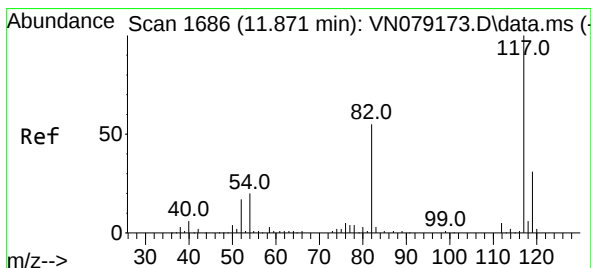
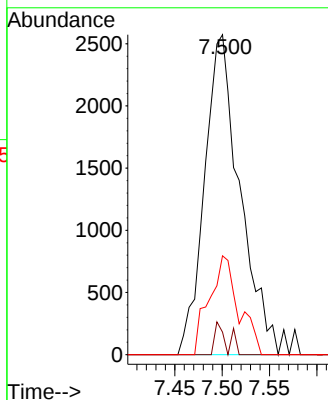
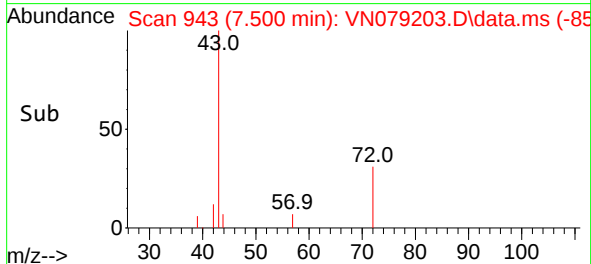
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)



Tgt Ion: 43 Resp: 667
Ion Ratio Lower Upper
43 100
57 2.4 6.8 10.2
72 21.6 22.4 33.6

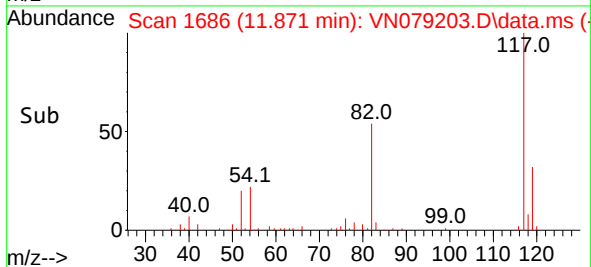
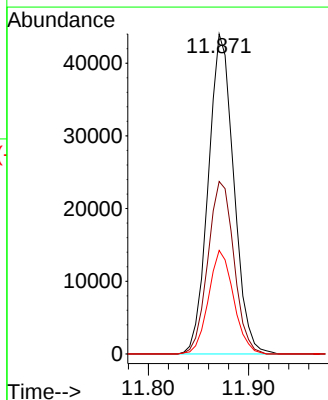
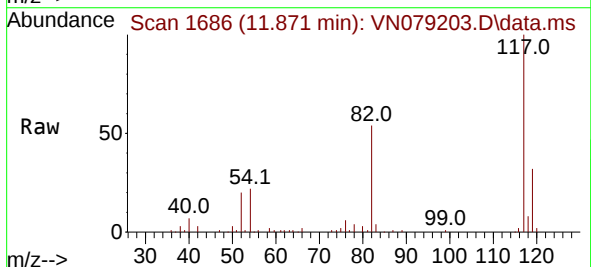
Manual Integrations
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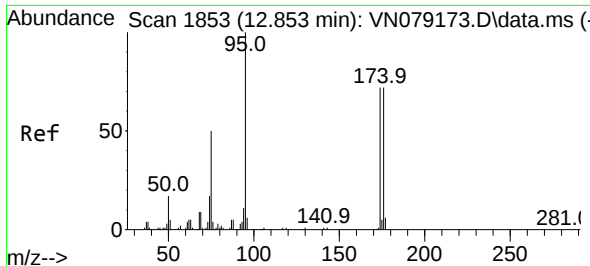
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079203.D
Acq: 08 Sep 2023 17:30

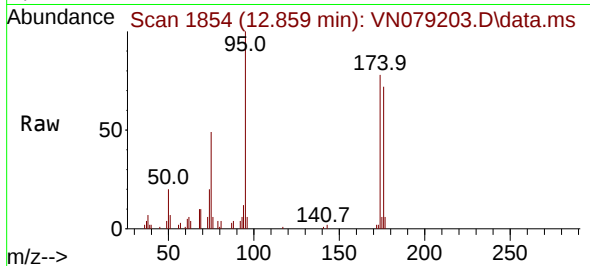
Tgt Ion:117 Resp: 77770
Ion Ratio Lower Upper
117 100
82 55.1 44.7 67.1
119 31.8 24.9 37.3





#60
4-Bromofluorobenzene
Concen: 22.429 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN079203.D
Acq: 08 Sep 2023 17:30

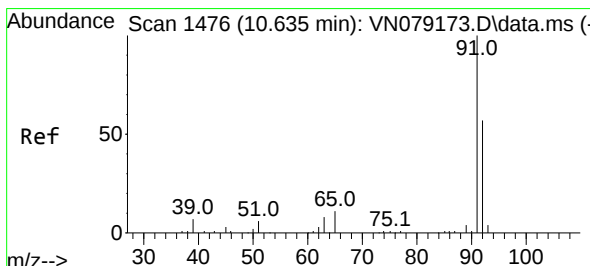
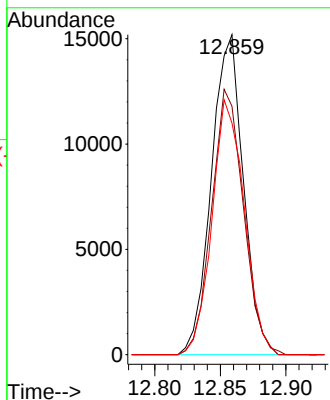
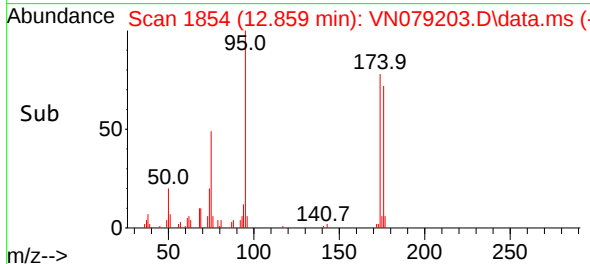
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)



Tgt Ion: 95 Resp: 2570
Ion Ratio Lower Upper
95 100
174 82.9 59.5 89.3
176 80.5 59.1 88.7

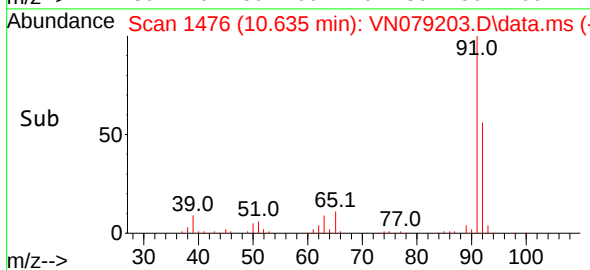
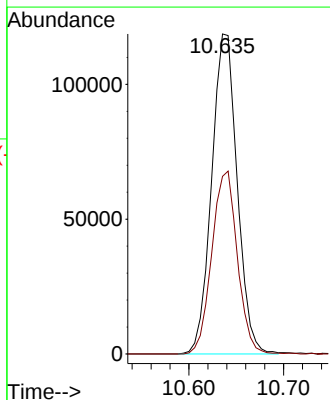
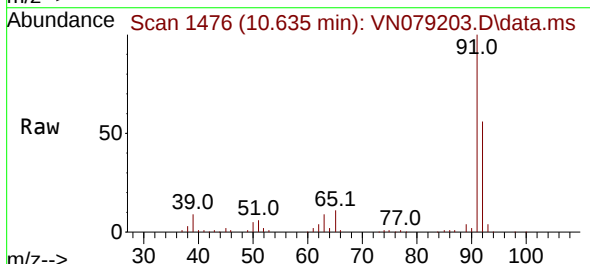
Manual Integrations
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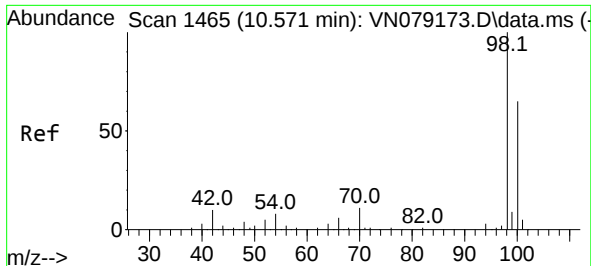
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#62
Toluene
Concen: 49.215 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079203.D
Acq: 08 Sep 2023 17:30

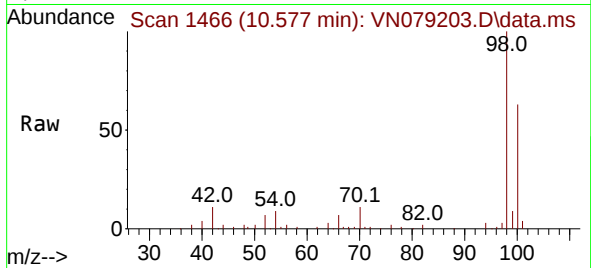
Tgt Ion: 91 Resp: 222854
Ion Ratio Lower Upper
91 100
92 57.0 45.7 68.5





#63
Toluene-d8
Concen: 29.717 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN079203.D
Acq: 08 Sep 2023 17:30

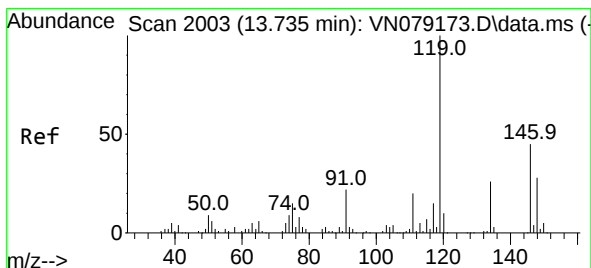
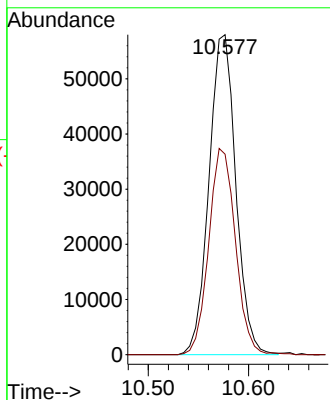
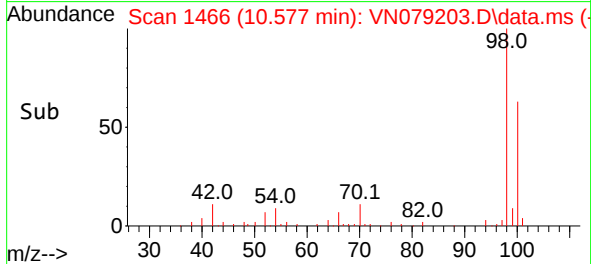
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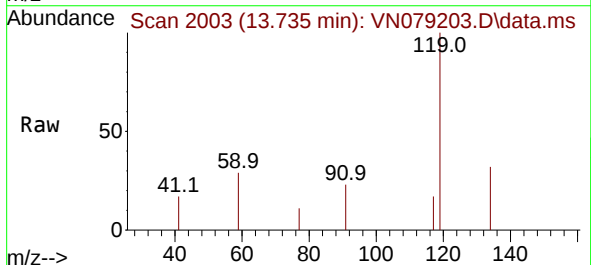
Tgt Ion: 98 Resp: 108000
Ion Ratio Lower Upper
98 100
100 63.8 52.5 78.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#82
p-Isopropyltoluene
Concen: 0.855 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079203.D
Acq: 08 Sep 2023 17:30



Tgt Ion:119 Resp: 2637
Ion Ratio Lower Upper
119 100
134 29.9 0.0 53.8
91 25.1 0.0 48.0

