

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079212.D
 Acq On : 11 Sep 2023 12:16
 Operator : JC\MD
 Sample : 04376-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Sep 12 02:45:57 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 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

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

Internal Standards						
1) Bromochloromethane	7.818	128	20457	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	104553	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	90723	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	46593	30.315	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	101.067%	
60) 4-Bromofluorobenzene	12.859	95	29593	22.138	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	73.800%	
63) Toluene-d8	10.571	98	120917	28.519	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	95.067%	
Target Compounds						
15) Acetone	4.436	58	29476	229.685	ug/l	Qvalue 99
23) tert-Butyl Alcohol	5.530	59	15030m	79.419	ug/l	
25) Chloroform	7.965	83	2748m	1.127	ug/l	
30) 2-Butanone	7.494	43	7590	9.002	ug/l #	93
62) Toluene	10.635	91	248916	47.122	ug/l	100
82) p-Isopropyltoluene	13.735	119	2776	0.771	ug/l	96

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

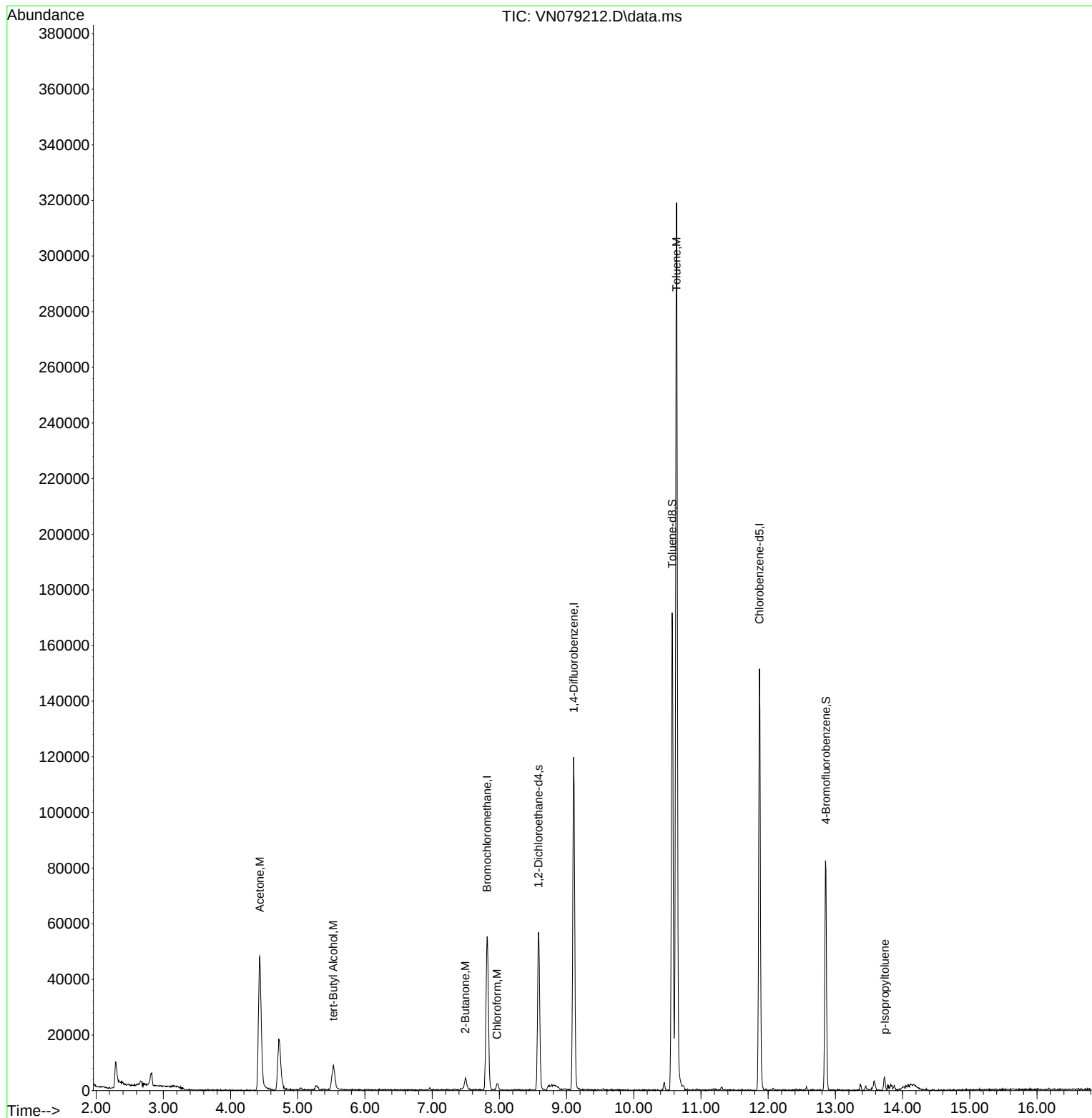
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
Data File : VN079212.D
Acq On : 11 Sep 2023 12:16
Operator : JC\MD
Sample : 04376-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

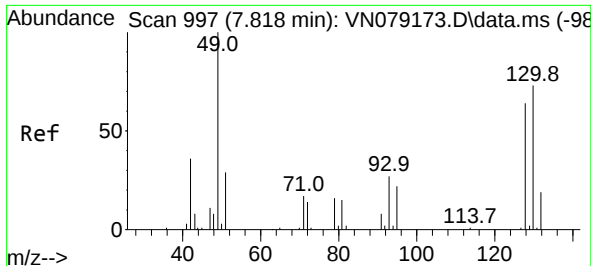
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

Quant Time: Sep 12 02:45:57 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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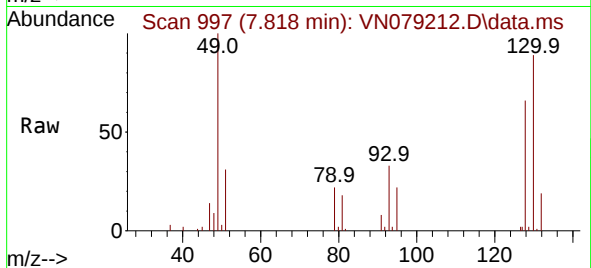
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079212.D
Acq: 11 Sep 2023 12:16

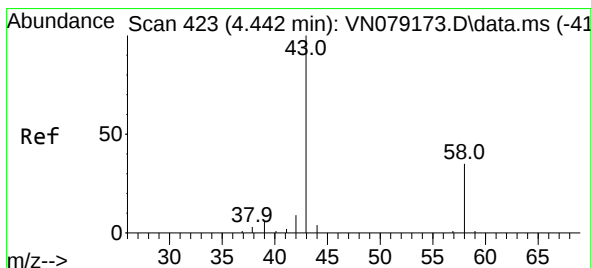
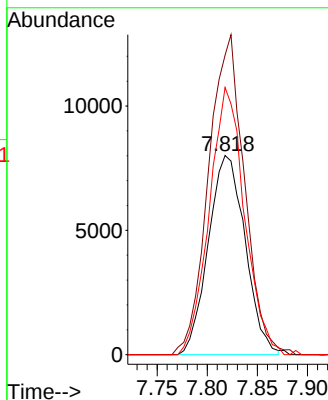
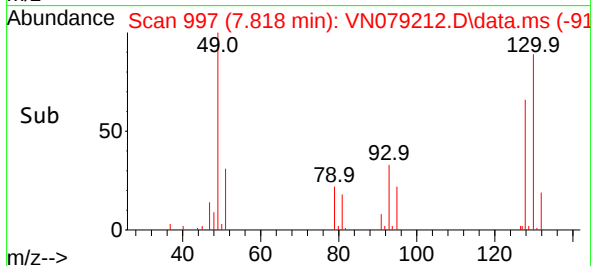
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)



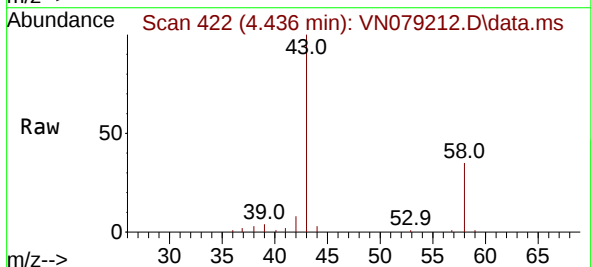
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Ion Ratio Lower Upper
128 100
49 156.7 0.0 414.3
130 128.6 0.0 311.0

Manual Integrations
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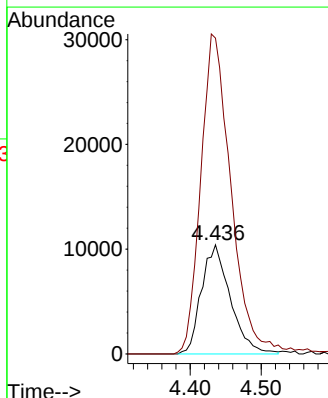
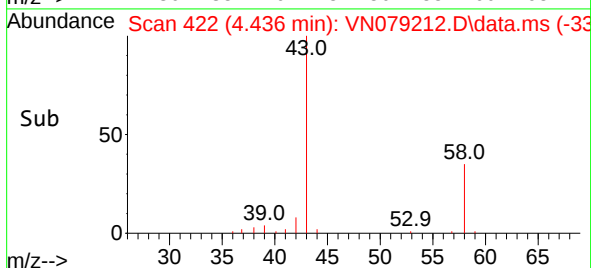
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

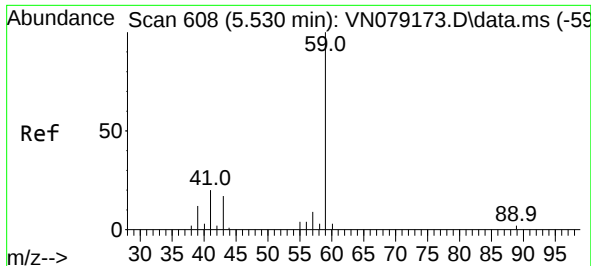


#15
Acetone
Concen: 229.685 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079212.D
Acq: 11 Sep 2023 12:16



Tgt Ion: 58 Resp: 29476
Ion Ratio Lower Upper
58 100
43 287.8 228.3 342.5





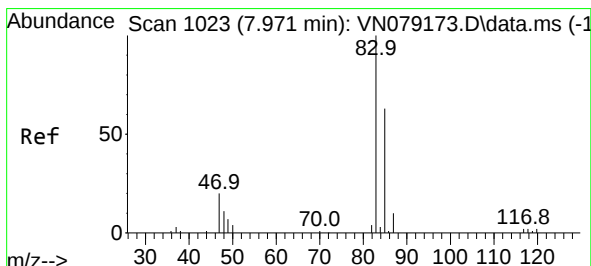
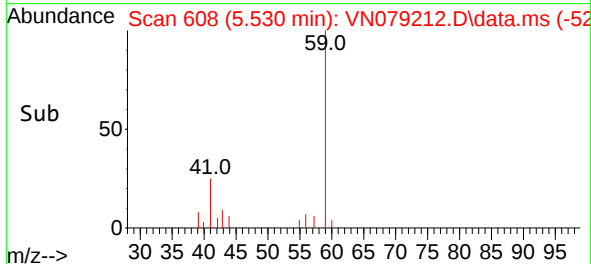
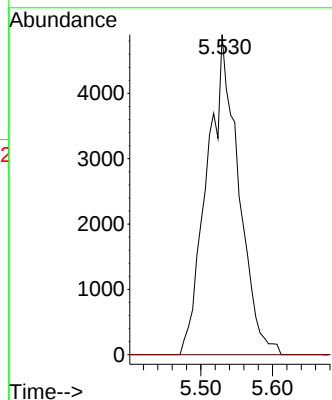
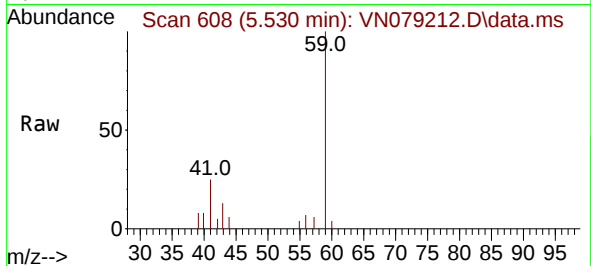
#23
tert-Butyl Alcohol
Concen: 79.419 ug/l m
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079212.D
Acq: 11 Sep 2023 12:16

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

Tgt Ion: 59 Resp: 15030
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

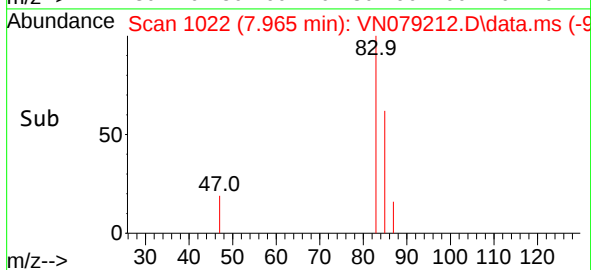
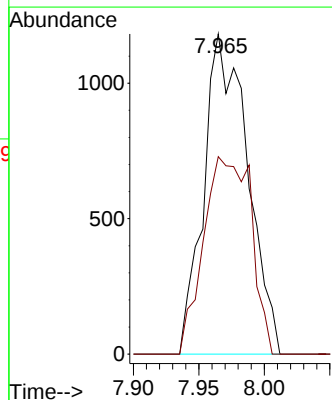
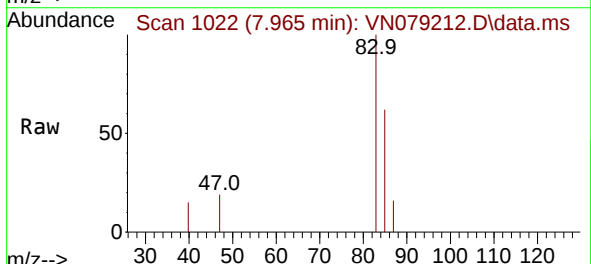
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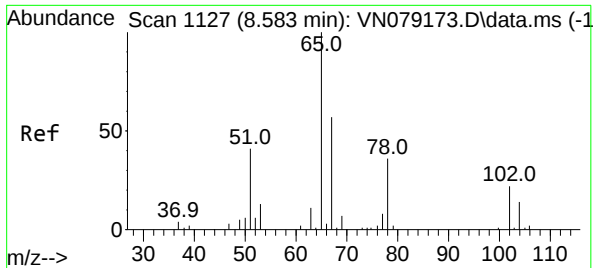
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#25
Chloroform
Concen: 1.127 ug/l m
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN079212.D
Acq: 11 Sep 2023 12:16

Tgt Ion: 83 Resp: 2748
Ion Ratio Lower Upper
83 100
85 61.7 50.6 76.0





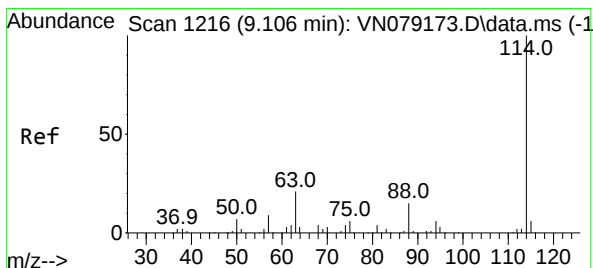
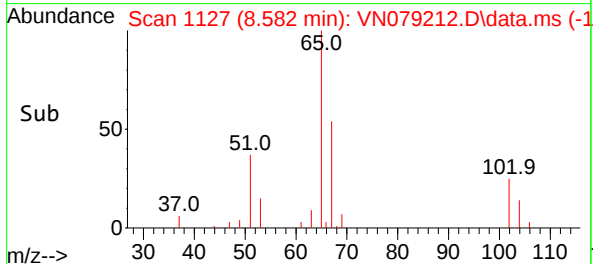
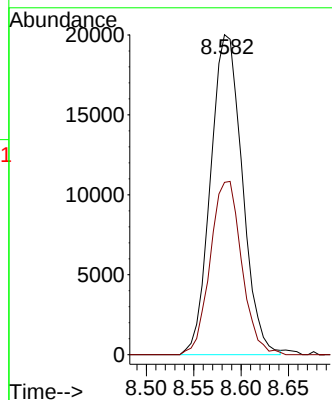
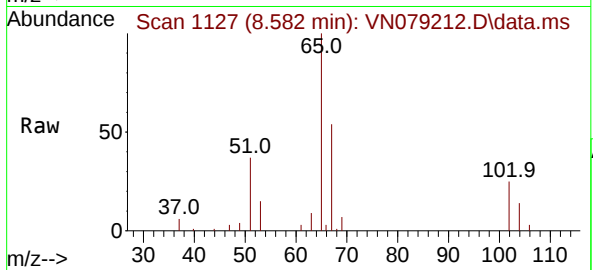
#27
1,2-Dichloroethane-d4
Concen: 30.315 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079212.D
Acq: 11 Sep 2023 12:16

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

Tgt Ion: 65 Resp: 4659
Ion Ratio Lower Upper
65 100
67 53.4 44.4 66.6

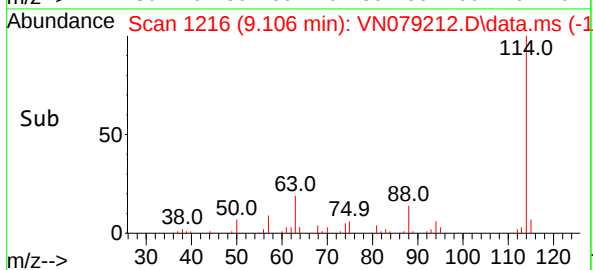
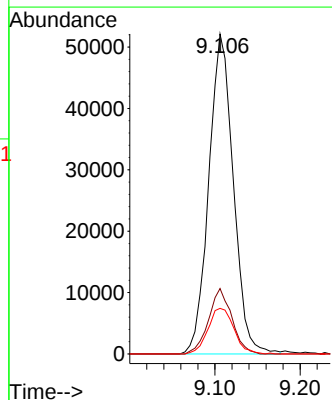
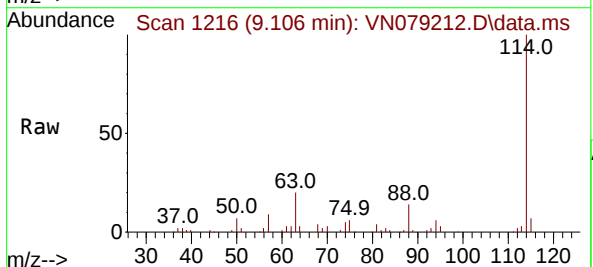
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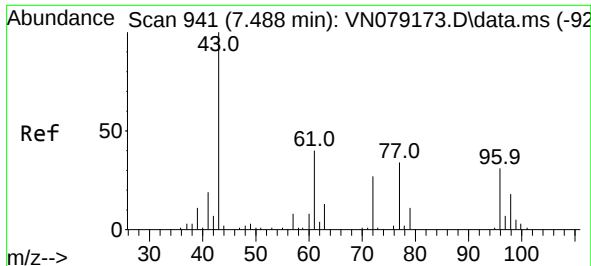
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079212.D
Acq: 11 Sep 2023 12:16

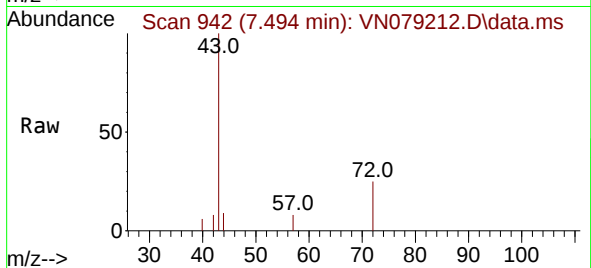
Tgt Ion:114 Resp: 104553
Ion Ratio Lower Upper
114 100
63 19.4 17.0 25.4
88 15.1 12.8 19.2





#30
2-Butanone
Concen: 9.002 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN079212.D
Acq: 11 Sep 2023 12:16

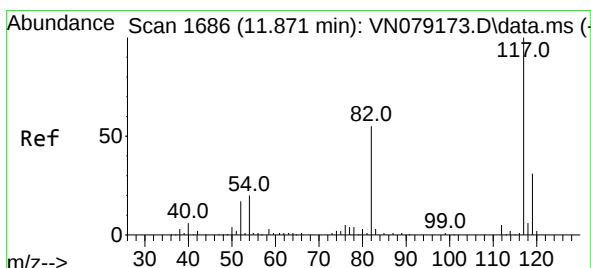
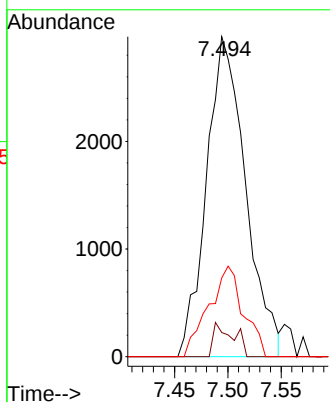
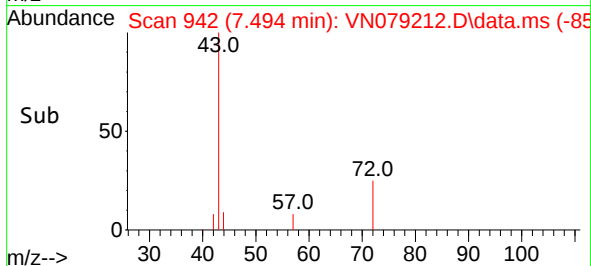
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)



Tgt Ion: 43 Resp: 7590
Ion Ratio Lower Upper
43 100
57 4.2 6.8 10.2
72 25.2 22.4 33.6

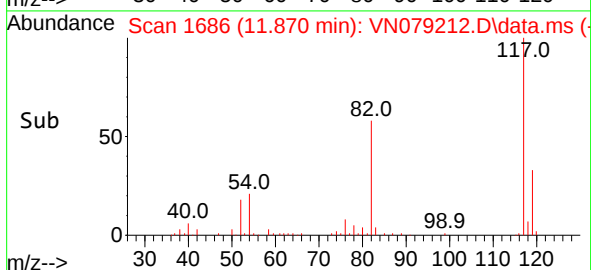
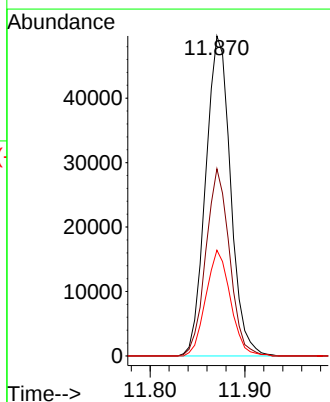
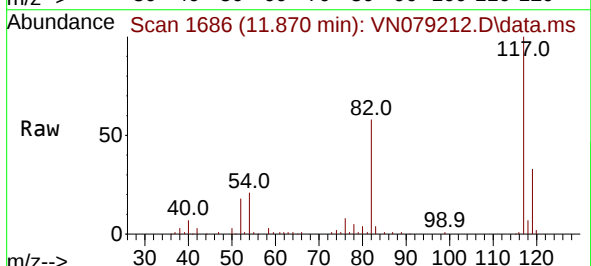
Manual Integrations
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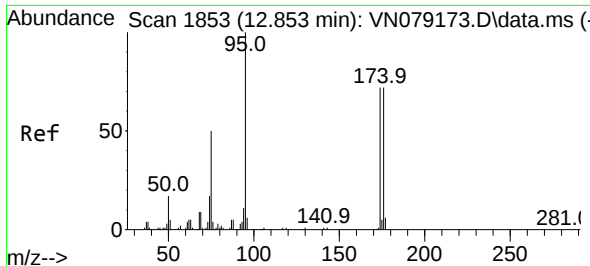
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079212.D
Acq: 11 Sep 2023 12:16

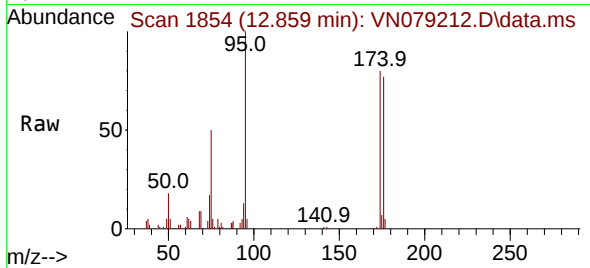
Tgt Ion:117 Resp: 90723
Ion Ratio Lower Upper
117 100
82 55.8 44.7 67.1
119 32.6 24.9 37.3





#60
4-Bromofluorobenzene
Concen: 22.138 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN079212.D
Acq: 11 Sep 2023 12:16

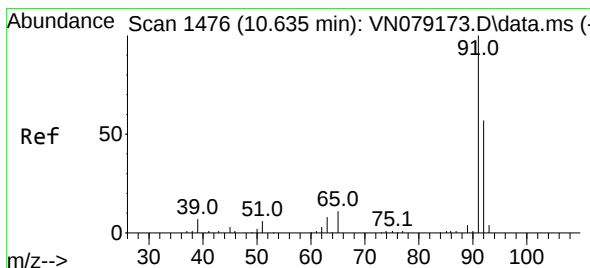
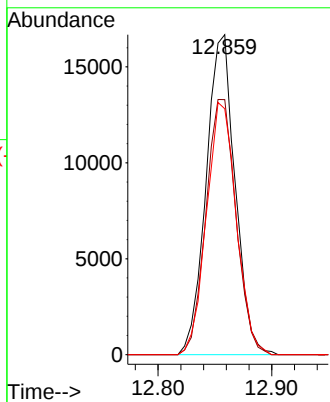
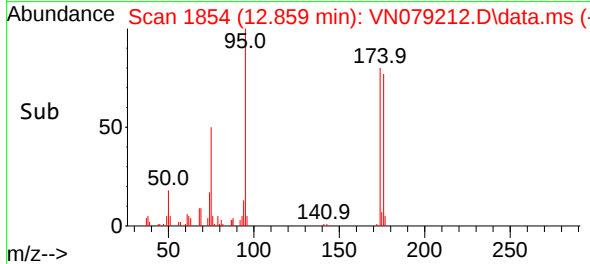
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)



Tgt Ion: 95 Resp: 2959
Ion Ratio Lower Upper
95 100
174 82.6 59.5 89.3
176 81.1 59.1 88.7

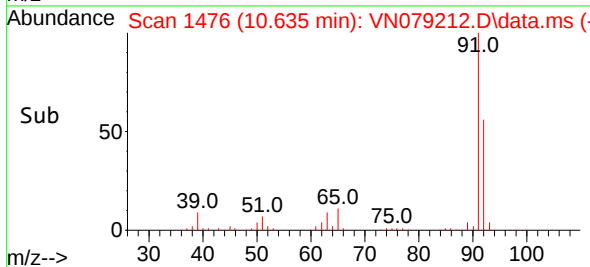
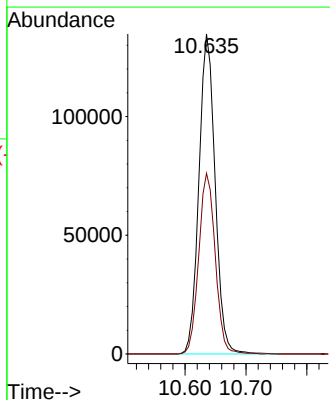
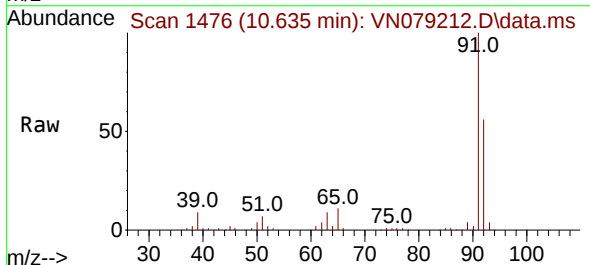
Manual Integrations
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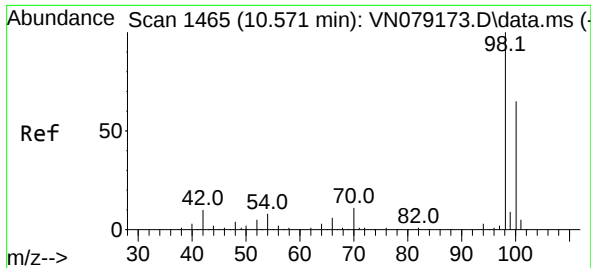
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#62
Toluene
Concen: 47.122 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079212.D
Acq: 11 Sep 2023 12:16

Tgt Ion: 91 Resp: 248916
Ion Ratio Lower Upper
91 100
92 57.4 45.7 68.5





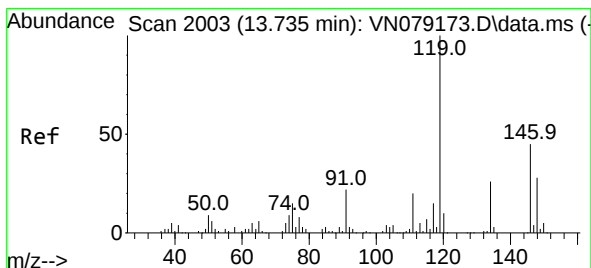
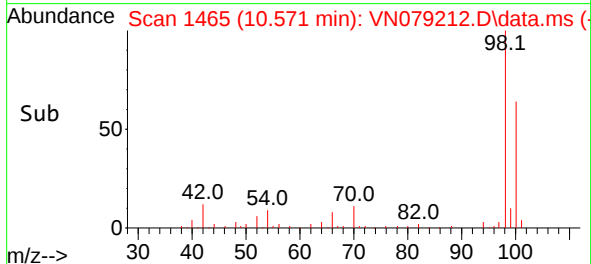
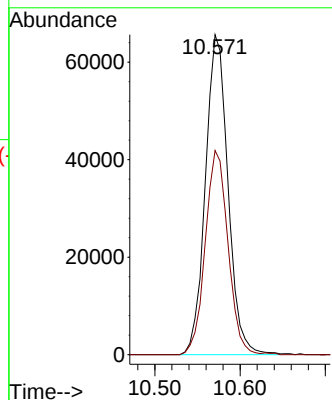
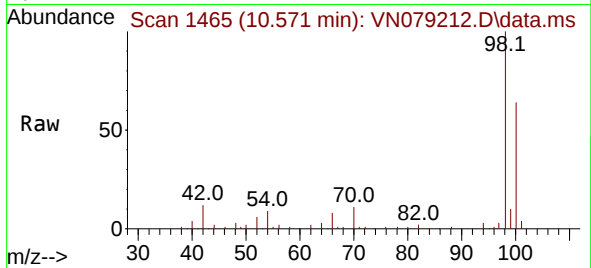
#63
Toluene-d8
Concen: 28.519 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079212.D
Acq: 11 Sep 2023 12:16

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

Tgt Ion: 98 Resp: 12091
Ion Ratio Lower Upper
98 100
100 64.1 52.5 78.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#82
p-Isopropyltoluene
Concen: 0.771 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079212.D
Acq: 11 Sep 2023 12:16

Tgt Ion:119 Resp: 2776
Ion Ratio Lower Upper
119 100
134 23.0 0.0 53.8
91 24.3 0.0 48.0

