

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080923\
 Data File : VN078822.D
 Acq On : 09 Aug 2023 16:13
 Operator : JC\MD
 Sample : 03940-01DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(JUNE)DL

Quant Time: Aug 10 05:30:30 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/10/2023
 Supervised By : Mahesh Dadoda 08/10/2023

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

Internal Standards						
1) Bromochloromethane	7.830	128	29364	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	151063	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	123076	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	71561	30.271	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.900%			
60) 4-Bromofluorobenzene	12.859	95	39872	23.080	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 76.933%			
63) Toluene-d8	10.576	98	184526	30.596	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.000%			
Target Compounds						
15) Acetone	4.447	58	20988	86.974	ug/l	87
25) Chloroform	7.971	83	772	0.212	ug/l #	54
30) 2-Butanone	7.494	43	5318m	4.421	ug/l	
58) 4-Methyl-2-Pentanone	10.453	43	1105	0.467	ug/l #	66
62) Toluene	10.635	91	242906	33.523	ug/l	97

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

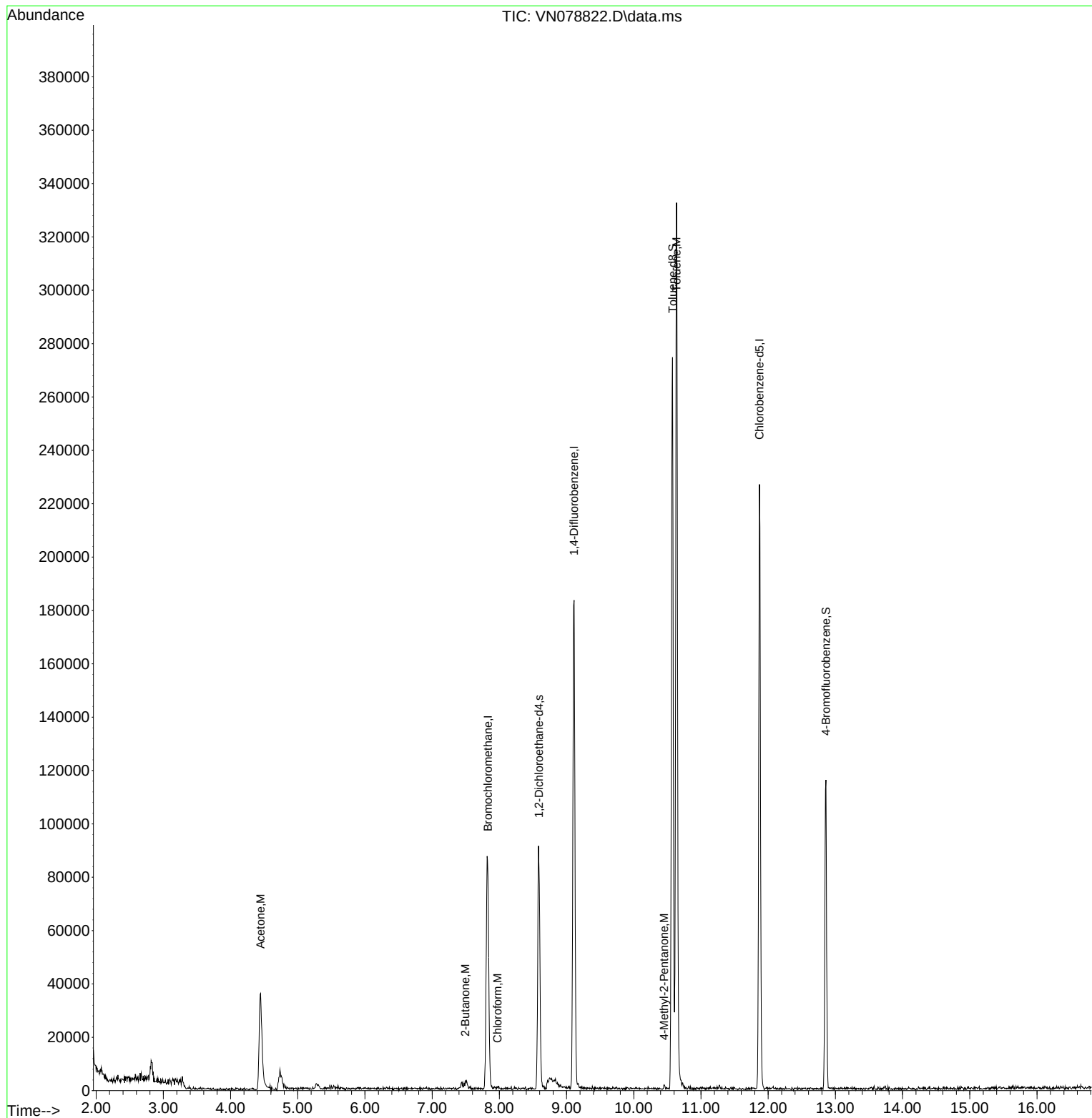
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080923\
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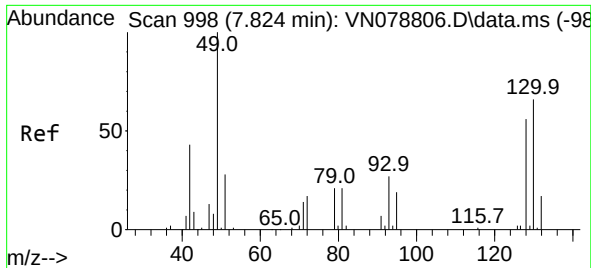
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

Quant Time: Aug 10 05:30:30 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

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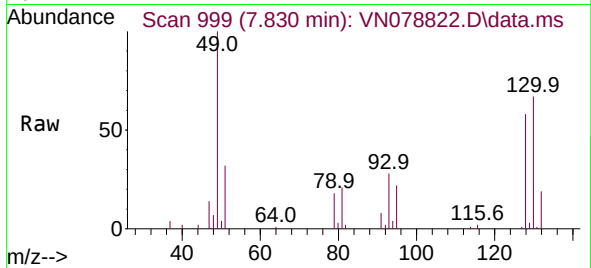
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.830 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078822.D
Acq: 09 Aug 2023 16:13

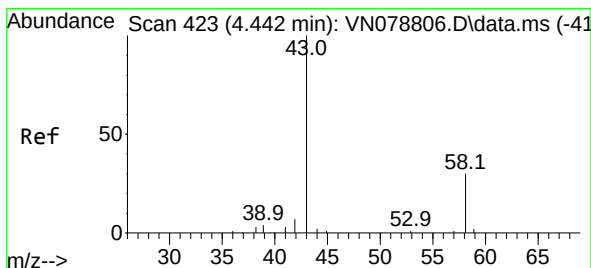
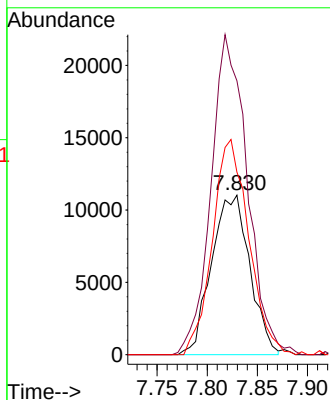
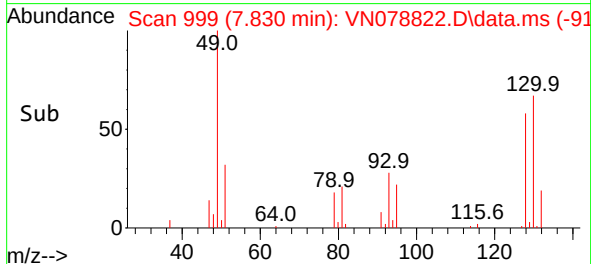
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL



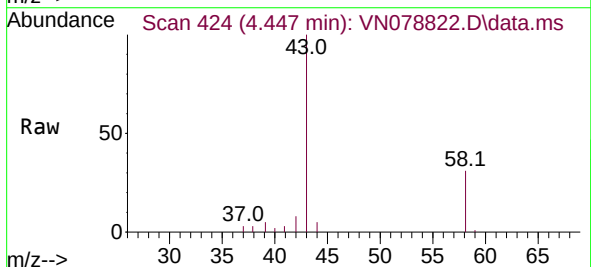
Tgt Ion:128 Resp: 29364
Ion Ratio Lower Upper
128 100
49 189.7 0.0 370.8
130 127.7 0.0 307.0

Manual Integrations
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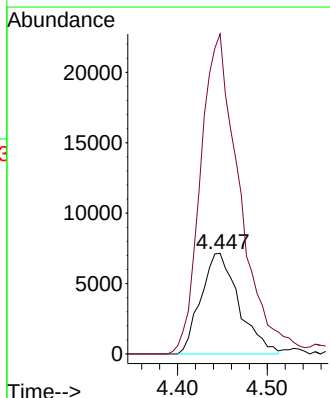
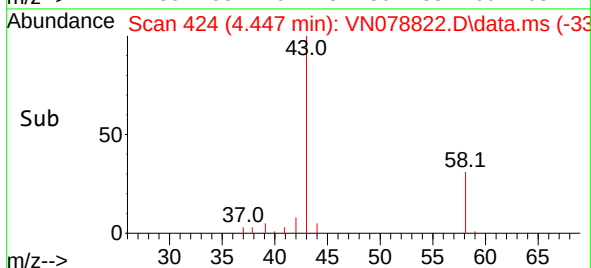
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

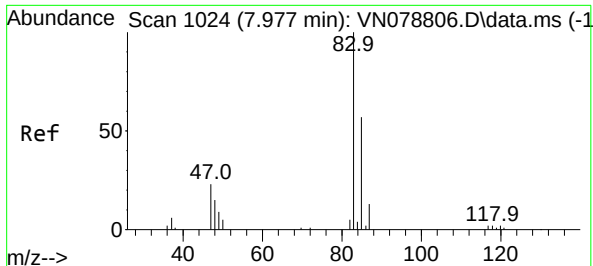


#15
Acetone
Concen: 86.974 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN078822.D
Acq: 09 Aug 2023 16:13



Tgt Ion: 58 Resp: 20988
Ion Ratio Lower Upper
58 100
43 309.6 227.5 341.3





#25

Chloroform

Concen: 0.212 ug/l

RT: 7.971 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN078822.D

Acq: 09 Aug 2023 16:13

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)DL

Tgt Ion: 83 Resp: 772

Ion Ratio Lower Upper

83 100

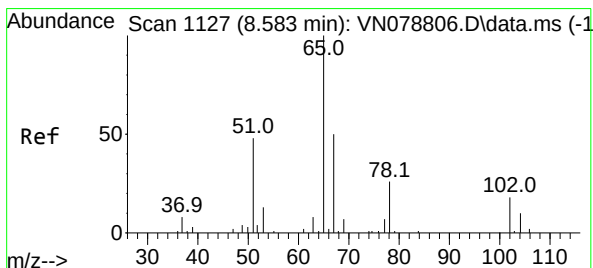
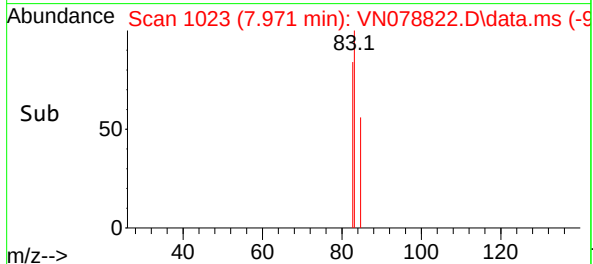
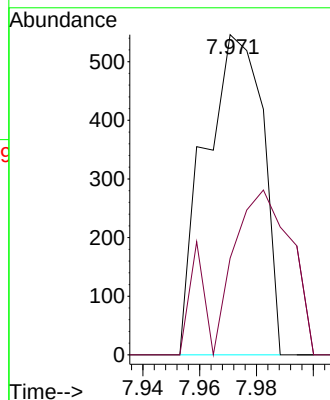
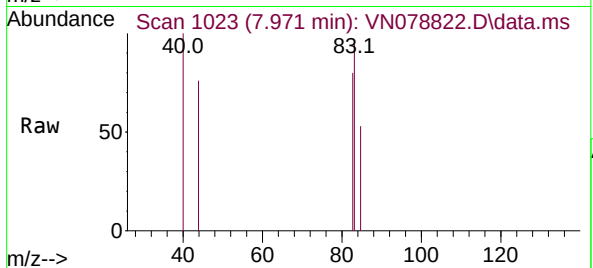
85 30.2 53.4 80.0

Manual Integrations

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#27

1,2-Dichloroethane-d4

Concen: 30.271 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078822.D

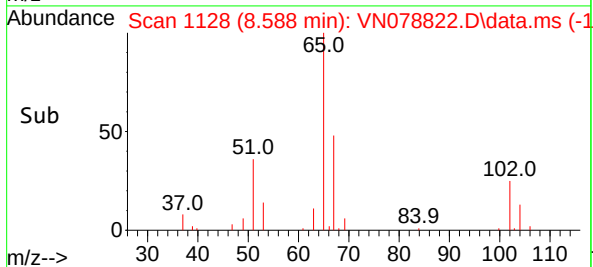
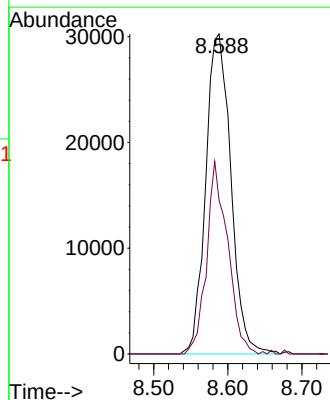
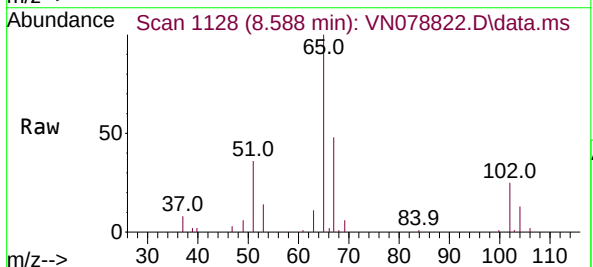
Acq: 09 Aug 2023 16:13

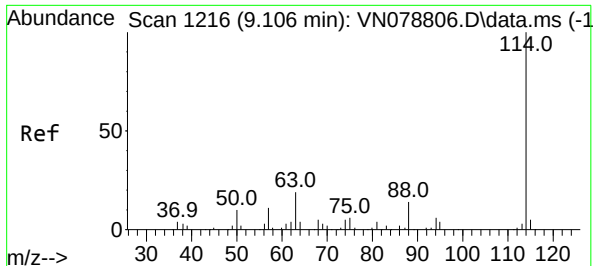
Tgt Ion: 65 Resp: 71561

Ion Ratio Lower Upper

65 100

67 50.4 42.9 64.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078822.D

Acq: 09 Aug 2023 16:13

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)DL

Tgt Ion:114 Resp: 15106

Ion Ratio Lower Upper

114 100

63 21.3 15.2 22.8

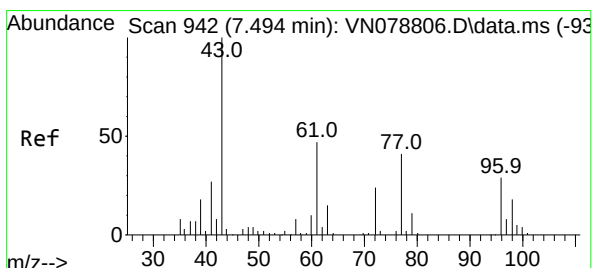
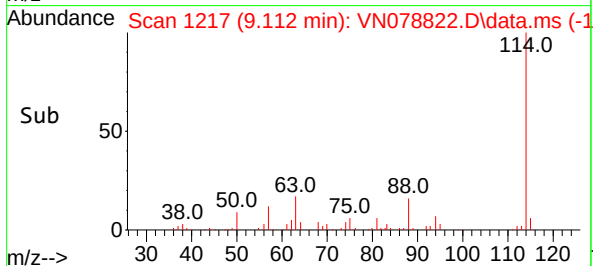
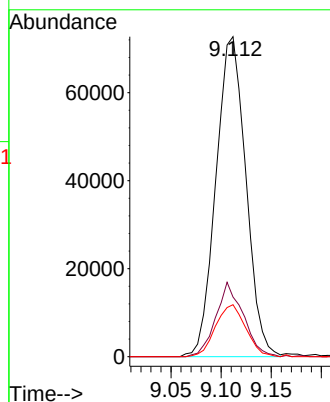
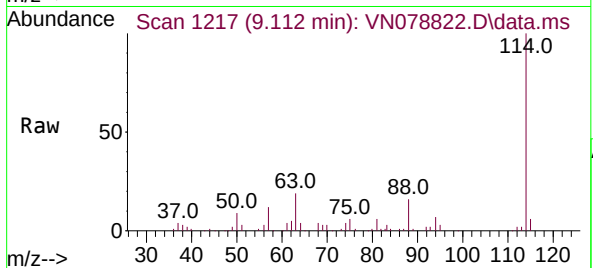
88 16.4 12.5 18.7

Manual Integrations

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Reviewed By :John Carlone 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#30

2-Butanone

Concen: 4.421 ug/l m

RT: 7.494 min Scan# 942

Delta R.T. -0.000 min

Lab File: VN078822.D

Acq: 09 Aug 2023 16:13

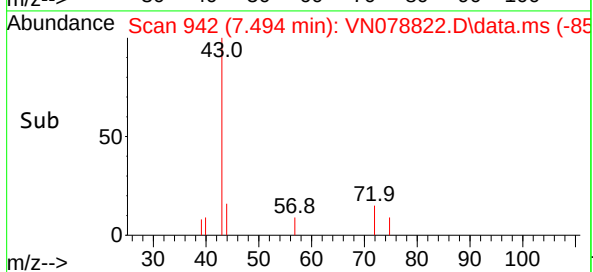
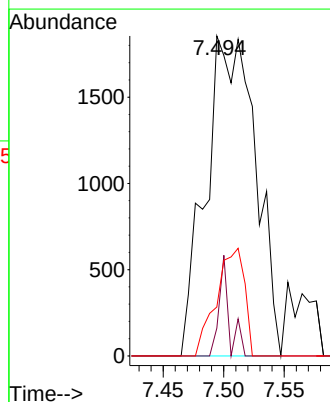
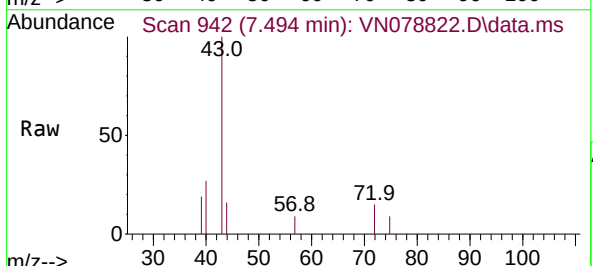
Tgt Ion: 43 Resp: 5318

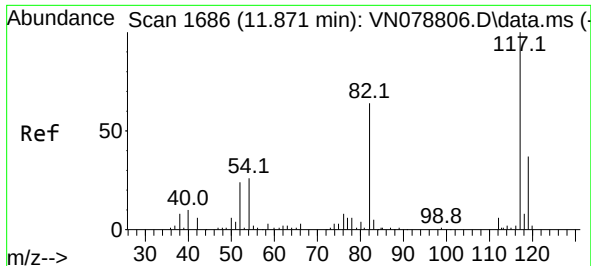
Ion Ratio Lower Upper

43 100

57 4.9 6.8 10.2#

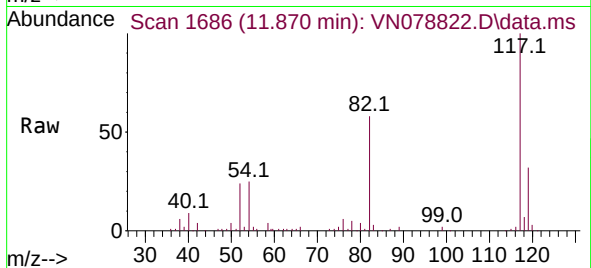
72 0.0 23.8 35.6#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078822.D
Acq: 09 Aug 2023 16:13

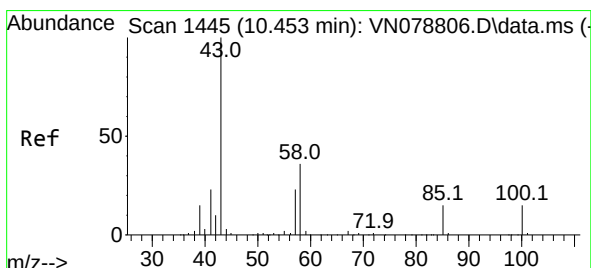
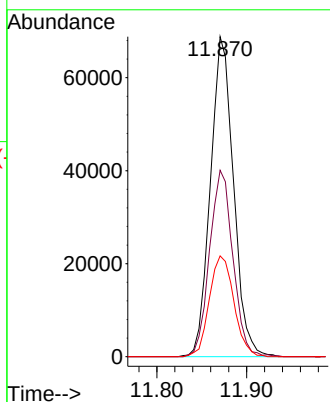
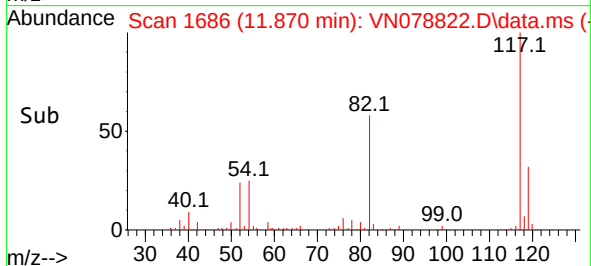
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)DL



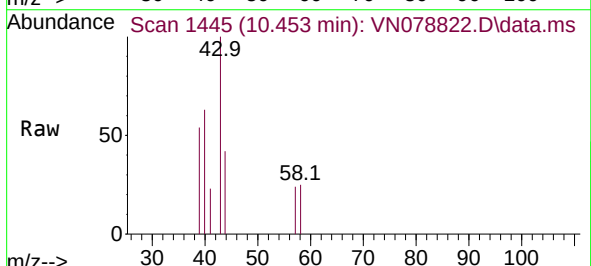
Tgt Ion:117 Resp: 123070
Ion Ratio Lower Upper
117 100
82 58.9 43.9 65.9
119 33.5 26.2 39.4

Manual Integrations
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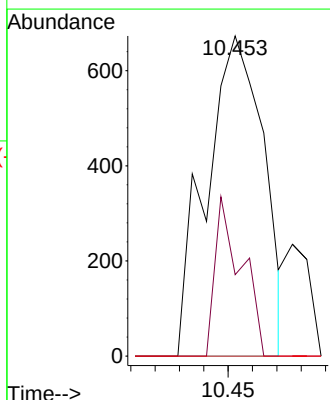
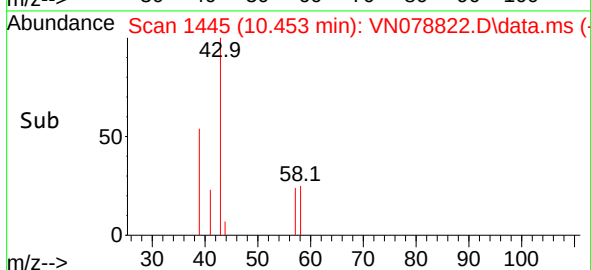
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

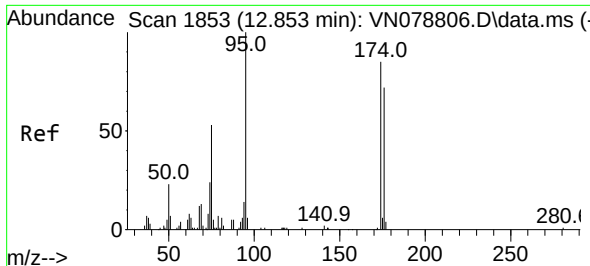


#58
4-Methyl-2-Pentanone
Concen: 0.467 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078822.D
Acq: 09 Aug 2023 16:13



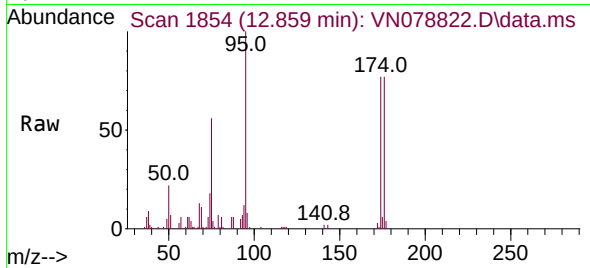
Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
58 22.7 32.6 48.8#
85 0.0 16.2 24.2#





#60
4-Bromofluorobenzene
Concen: 23.080 ug/l
RT: 12.859 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN078822.D
Acq: 09 Aug 2023 16:13

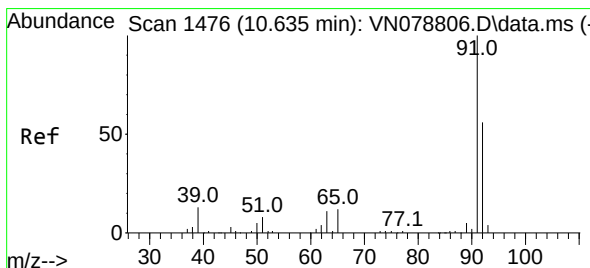
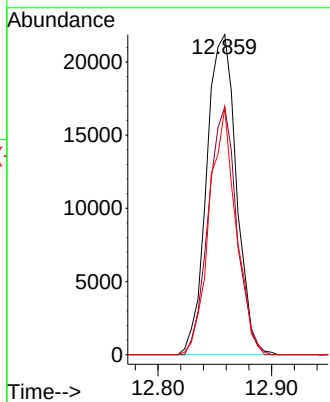
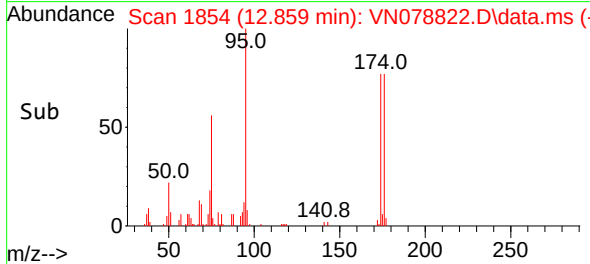
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL



Tgt Ion: 95 Resp: 39872
Ion Ratio Lower Upper
95 100
174 74.0 61.7 92.5
176 69.2 58.1 87.1

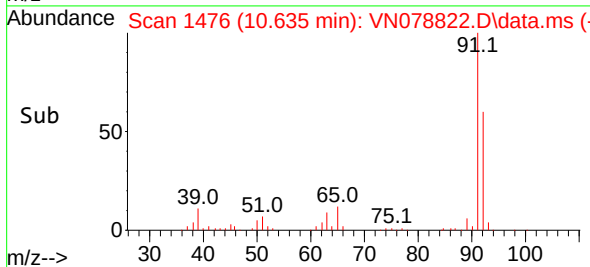
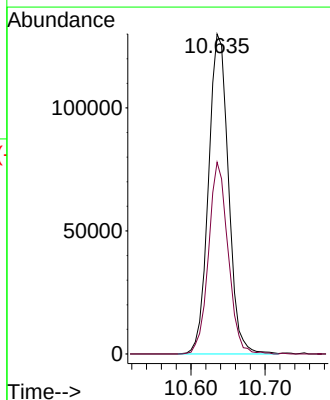
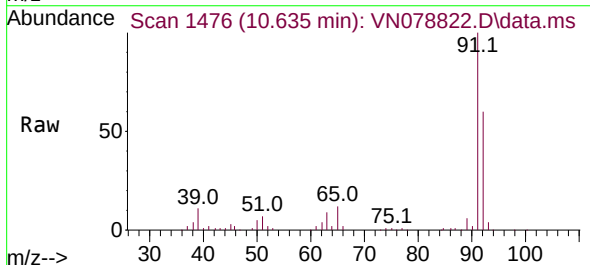
Manual Integrations
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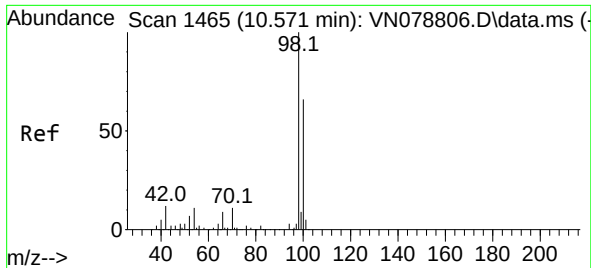
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#62
Toluene
Concen: 33.523 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078822.D
Acq: 09 Aug 2023 16:13

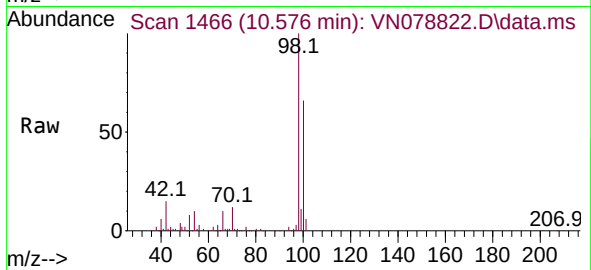
Tgt Ion: 91 Resp: 242906
Ion Ratio Lower Upper
91 100
92 58.4 45.2 67.8





#63
Toluene-d8
Concen: 30.596 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078822.D
Acq: 09 Aug 2023 16:13

Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)DL



Tgt Ion: 98 Resp: 184520
Ion Ratio Lower Upper
98 100
100 66.3 49.7 74.5

Manual Integrations
APPROVED

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