

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080923\
 Data File : VN078819.D
 Acq On : 09 Aug 2023 14:43
 Operator : JC\MD
 Sample : 03940-01DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Aug 10 05:29:35 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	7.818	128	29525	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	152668	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	130930	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.594	65	70650	29.722	ug/l	0.01
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.067%	
60) 4-Bromofluorobenzene	12.859	95	40149	21.846	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	72.833%	
63) Toluene-d8	10.571	98	184620	28.775	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	95.933%	
Target Compounds						
15) Acetone	4.442	58	10459	43.106	ug/l	Qvalue 91
30) 2-Butanone	7.494	43	2951m	2.427	ug/l	
62) Toluene	10.635	91	120207	15.594	ug/l	97

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

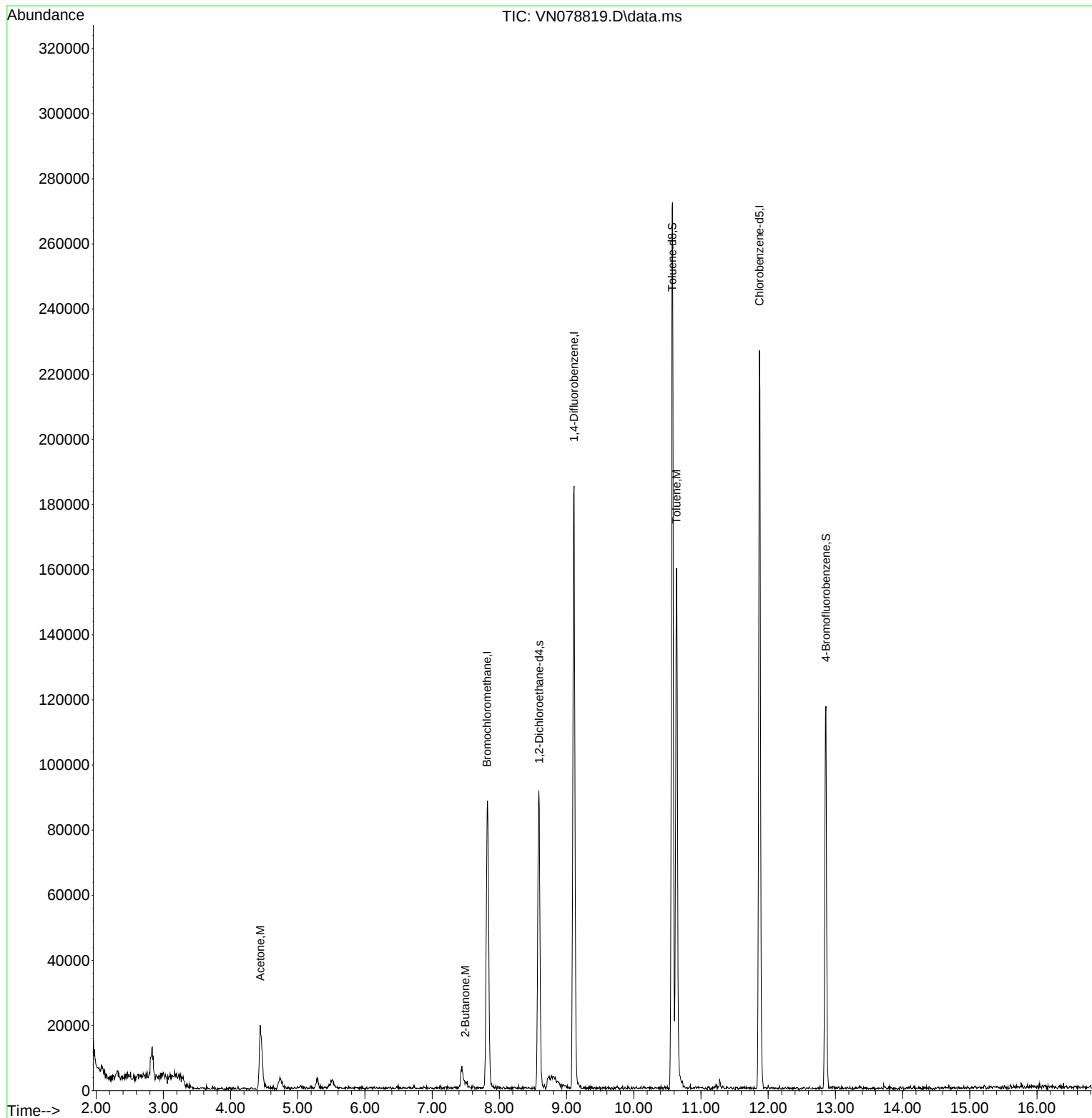
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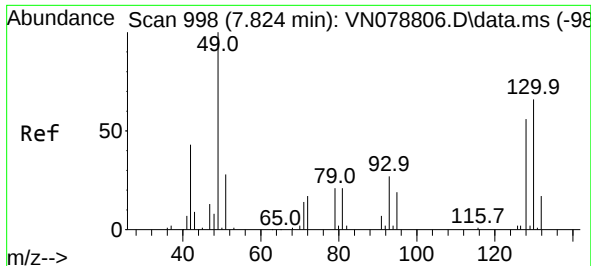
Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Aug 10 05:29:35 2023
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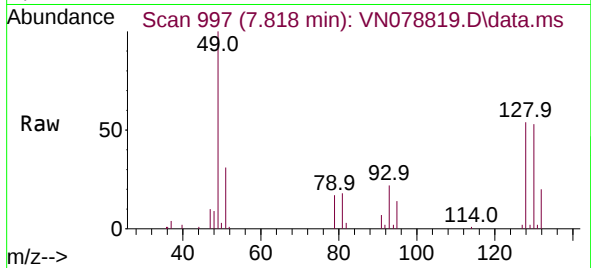
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN078819.D
Acq: 09 Aug 2023 14:43

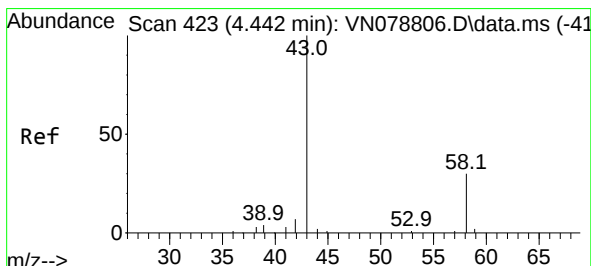
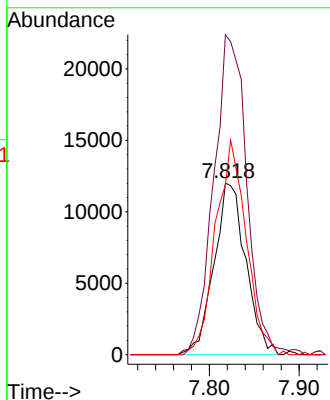
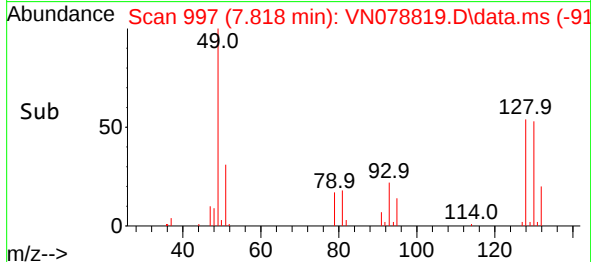
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL



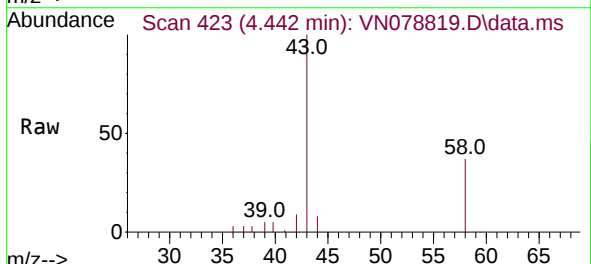
Tgt Ion:128 Resp: 2952
Ion Ratio Lower Upper
128 100
49 193.1 0.0 370.8
130 120.2 0.0 307.0

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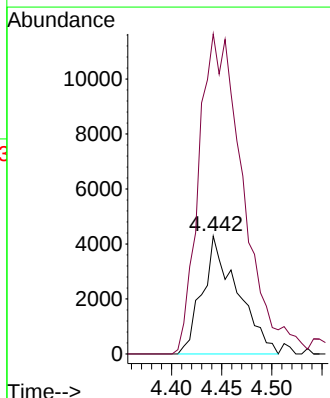
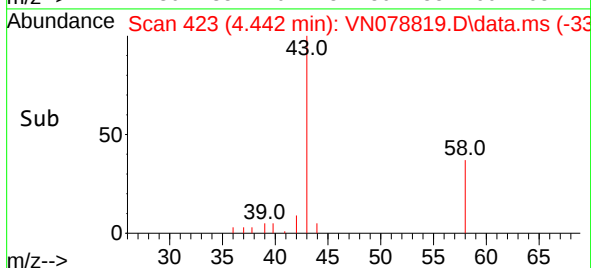
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

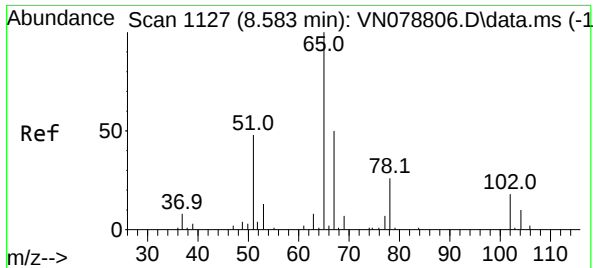


#15
Acetone
Concen: 43.106 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078819.D
Acq: 09 Aug 2023 14:43



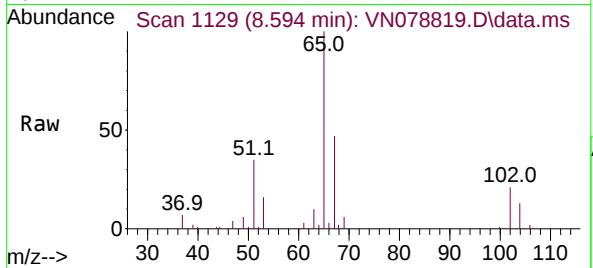
Tgt Ion: 58 Resp: 10459
Ion Ratio Lower Upper
58 100
43 267.8 227.5 341.3





#27
1,2-Dichloroethane-d4
Concen: 29.722 ug/l
RT: 8.594 min Scan# 1129
Delta R.T. 0.012 min
Lab File: VN078819.D
Acq: 09 Aug 2023 14:43

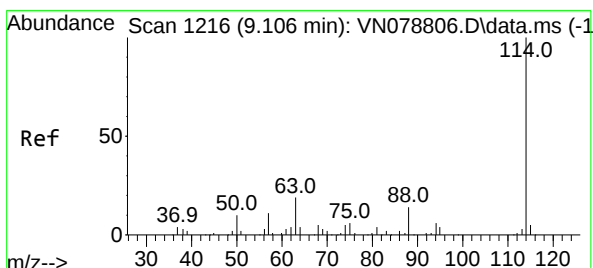
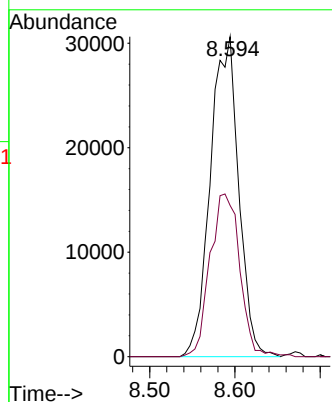
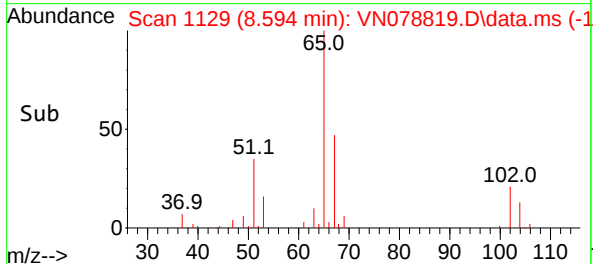
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)DL



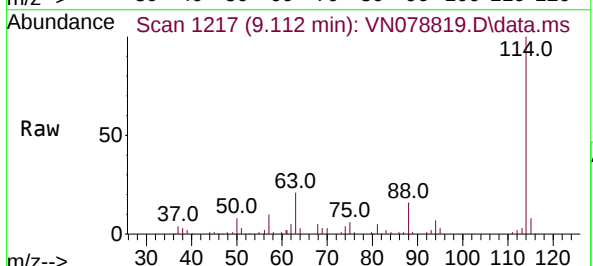
Tgt Ion: 65 Resp: 70650
Ion Ratio Lower Upper
65 100
67 53.0 42.9 64.3

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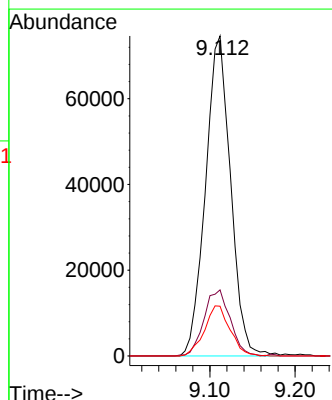
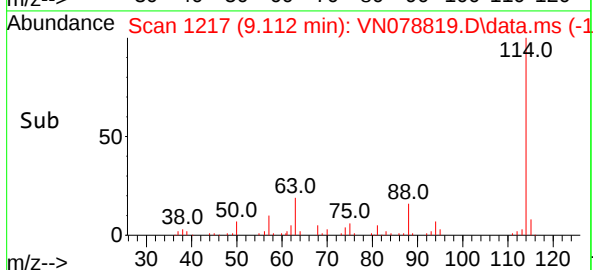
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

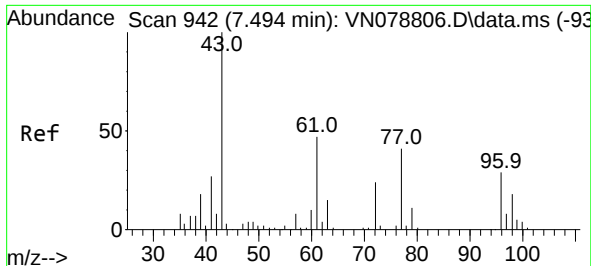


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078819.D
Acq: 09 Aug 2023 14:43



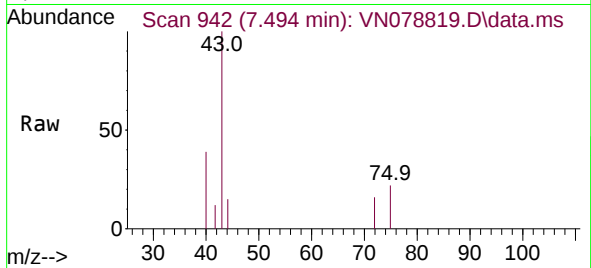
Tgt Ion:114 Resp: 152668
Ion Ratio Lower Upper
114 100
63 21.6 15.2 22.8
88 15.9 12.5 18.7





#30
2-Butanone
Concen: 2.427 ug/l m
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078819.D
Acq: 09 Aug 2023 14:43

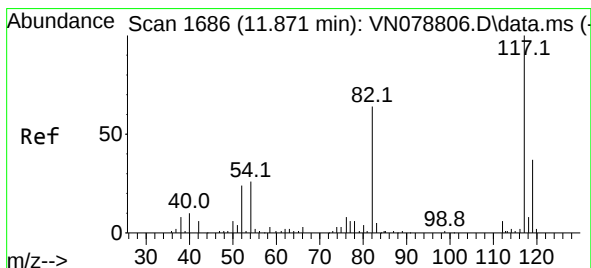
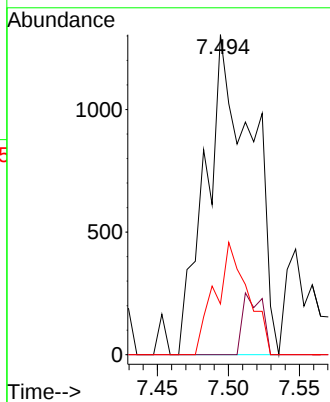
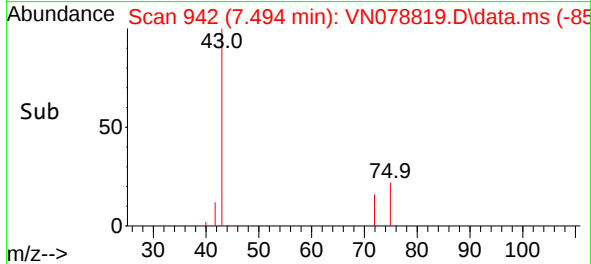
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)DL



Tgt Ion: 43 Resp: 295
Ion Ratio Lower Upper
43 100
57 8.1 6.8 10.2
72 17.3 23.8 35.6

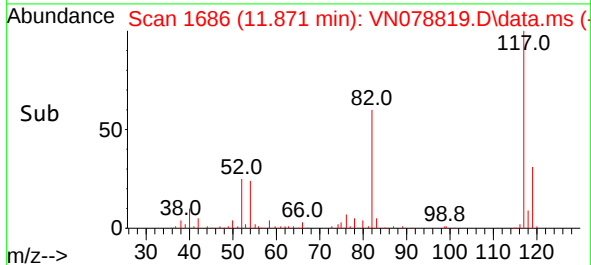
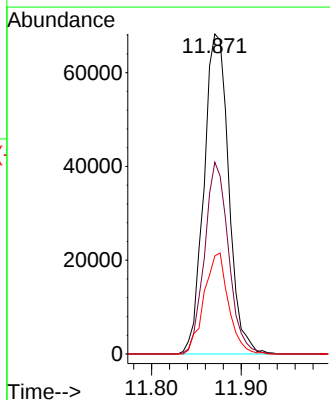
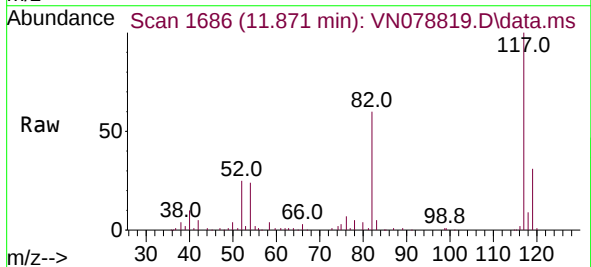
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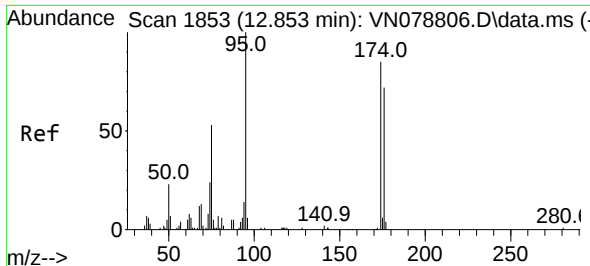
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078819.D
Acq: 09 Aug 2023 14:43

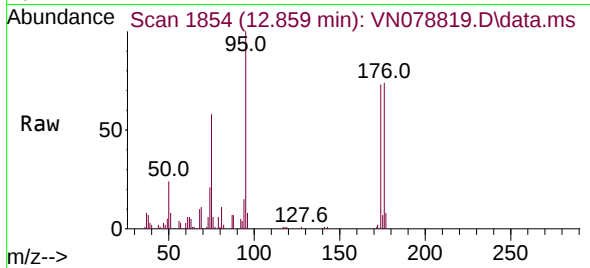
Tgt Ion:117 Resp: 130930
Ion Ratio Lower Upper
117 100
82 58.0 43.9 65.9
119 31.0 26.2 39.4





#60
4-Bromofluorobenzene
Concen: 21.846 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078819.D
Acq: 09 Aug 2023 14:43

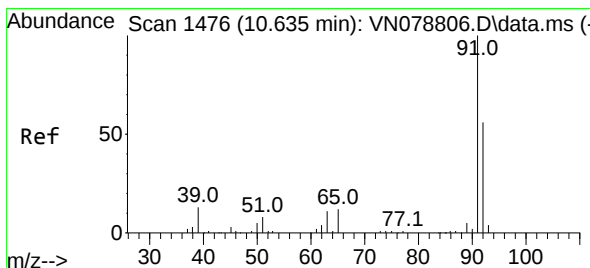
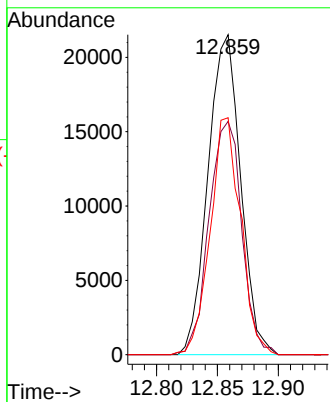
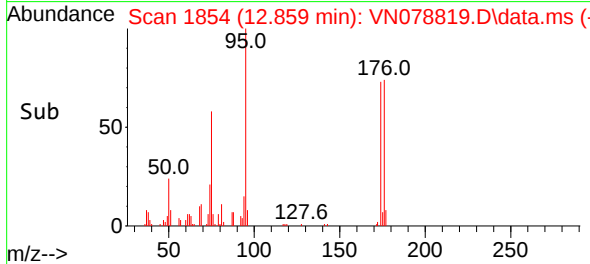
Instrument :
MSVOA_N
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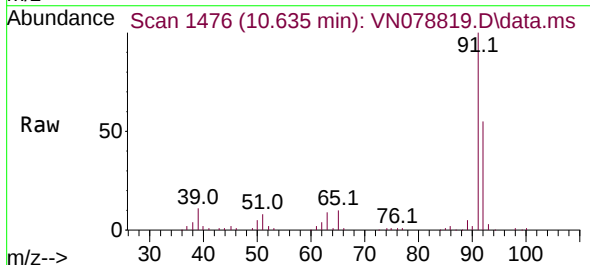
Tgt Ion: 95 Resp: 40149
Ion Ratio Lower Upper
95 100
174 73.1 61.7 92.5
176 68.9 58.1 87.1

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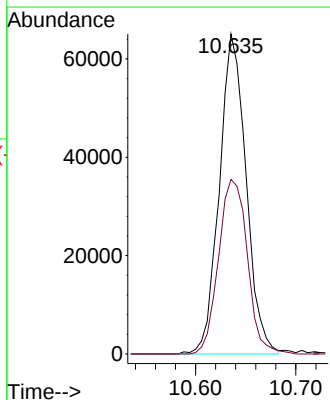
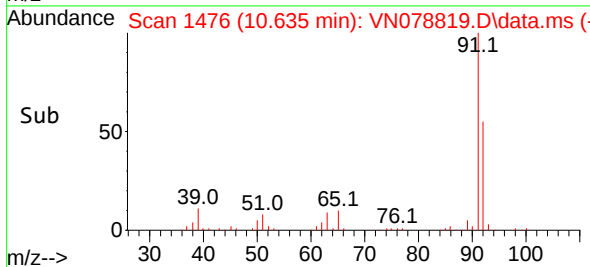
Reviewed By :John Carlone 08/10/2023
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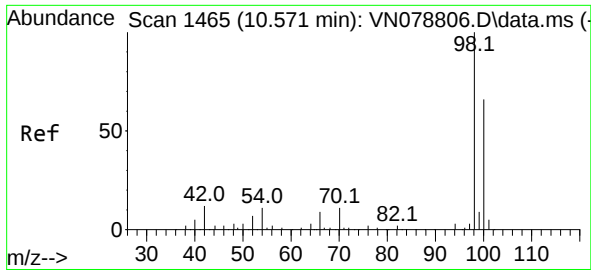


#62
Toluene
Concen: 15.594 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078819.D
Acq: 09 Aug 2023 14:43



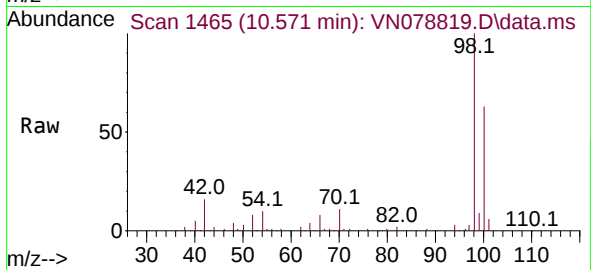
Tgt Ion: 91 Resp: 120207
Ion Ratio Lower Upper
91 100
92 58.8 45.2 67.8





#63
Toluene-d8
Concen: 28.775 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078819.D
Acq: 09 Aug 2023 14:43

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



Tgt Ion: 98 Resp: 184620
Ion Ratio Lower Upper
98 100
100 65.2 49.7 74.5

Manual Integrations
APPROVED

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