

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081123\
 Data File : VN078868.D
 Acq On : 11 Aug 2023 17:16
 Operator : JC\MD
 Sample : 03987-01DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 12 01:42:52 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 08/14/2023
 Supervised By :Mahesh Dadoda 08/15/2023

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

Internal Standards						
1) Bromochloromethane	7.824	128	26129	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	139694	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	110473	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	65432	31.105	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.667%			
60) 4-Bromofluorobenzene	12.859	95	33565	21.645	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 72.167%			
63) Toluene-d8	10.577	98	161342	29.804	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.333%			
Target Compounds						
						Qvalue
15) Acetone	4.442	58	9754m	45.425	ug/l	
30) 2-Butanone	7.495	43	3178m	2.857	ug/l	
62) Toluene	10.641	91	118791	18.264	ug/l	99

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

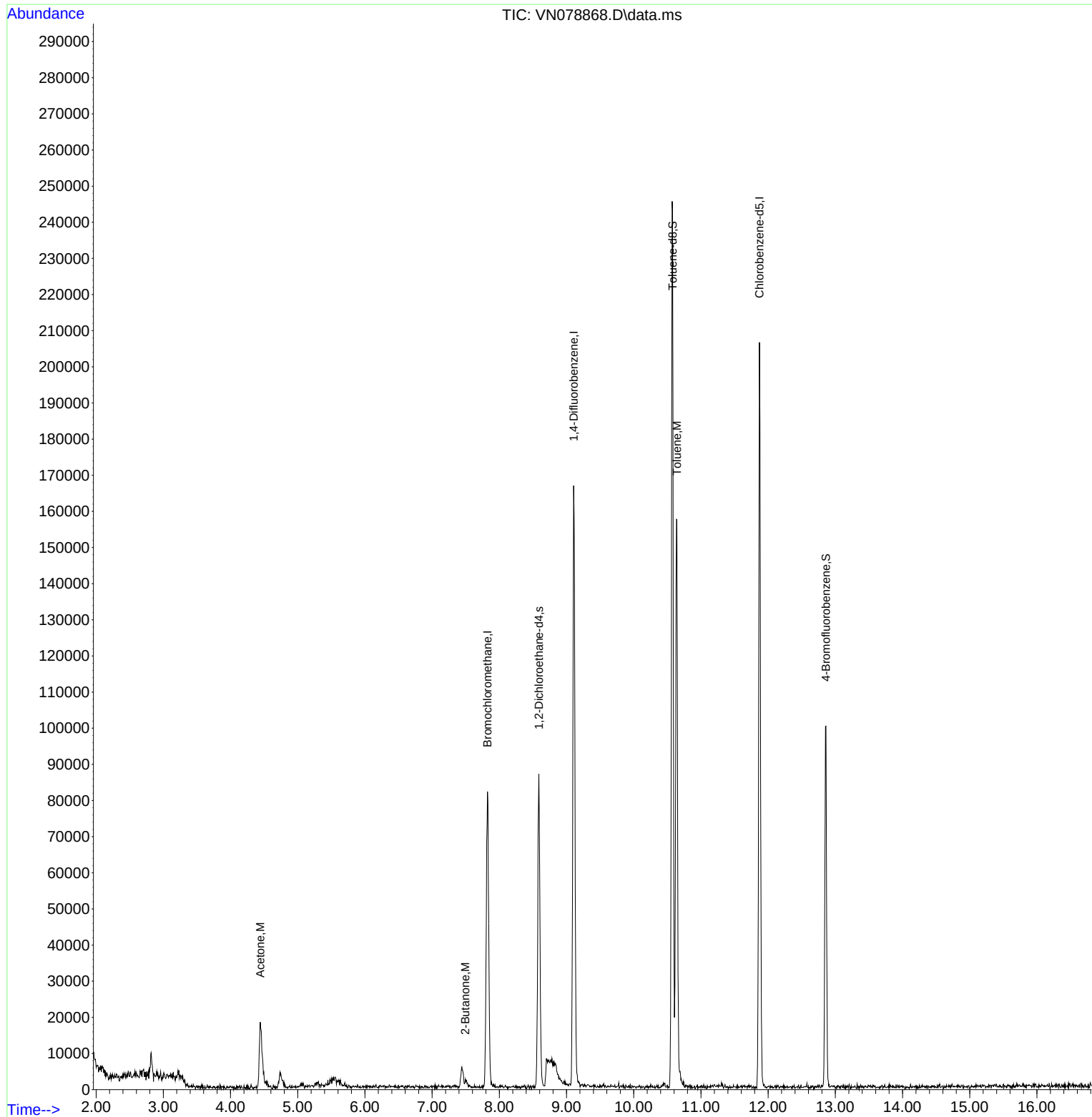
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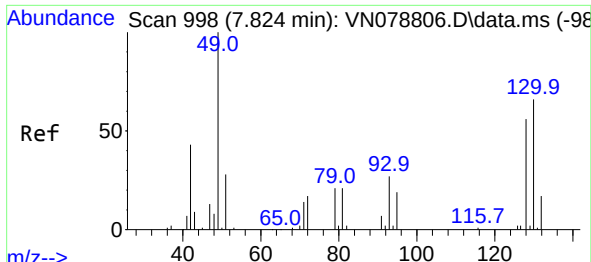
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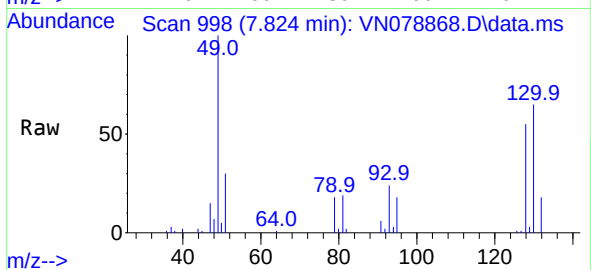
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078868.D
Acq: 11 Aug 2023 17:16

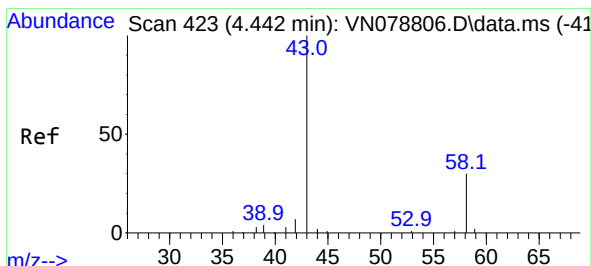
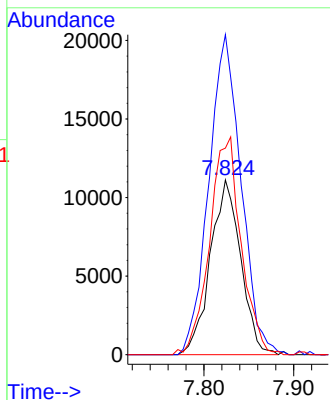
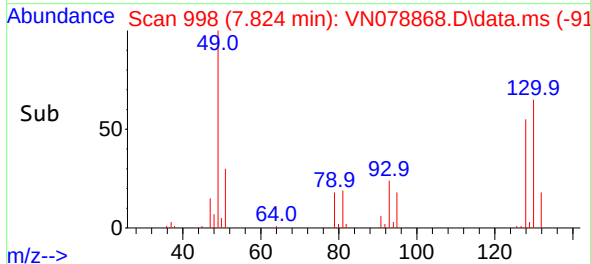
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JULY)DL



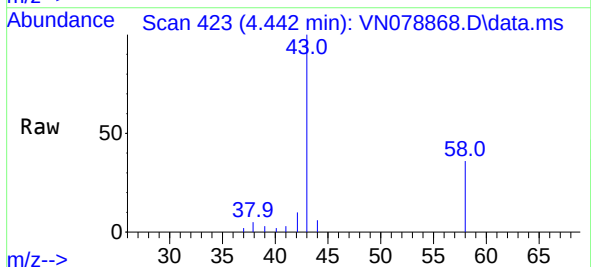
Tgt Ion:128 Resp: 26129
Ion Ratio Lower Upper
128 100
49 194.4 0.0 370.8
130 129.0 0.0 307.0

Manual Integrations
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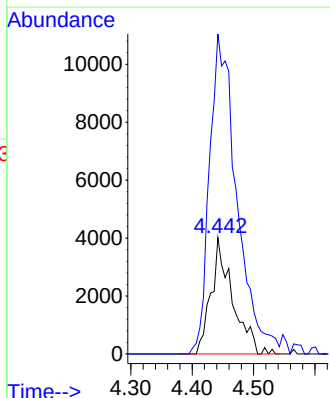
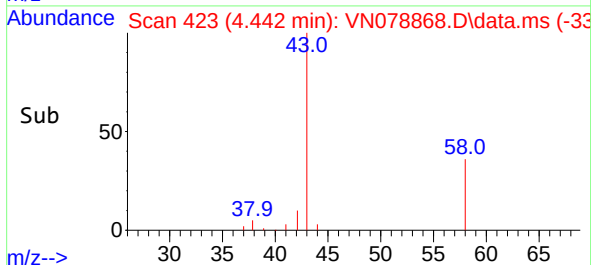
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

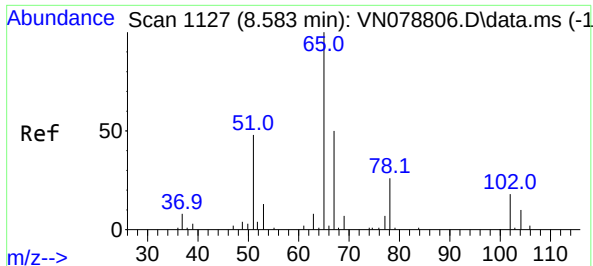


#15
Acetone
Concen: 45.425 ug/l m
RT: 4.442 min Scan# 423
Delta R.T. 0.000 min
Lab File: VN078868.D
Acq: 11 Aug 2023 17:16



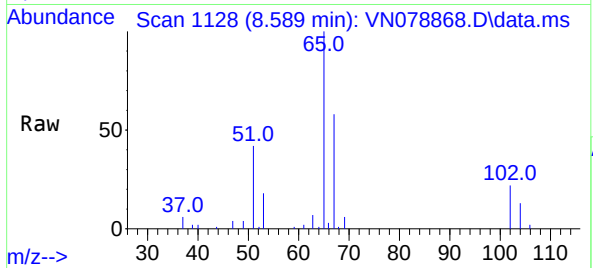
Tgt Ion: 58 Resp: 9754
Ion Ratio Lower Upper
58 100
43 275.0 227.5 341.3





#27
1,2-Dichloroethane-d4
Concen: 31.105 ug/l
RT: 8.589 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN078868.D
Acq: 11 Aug 2023 17:16

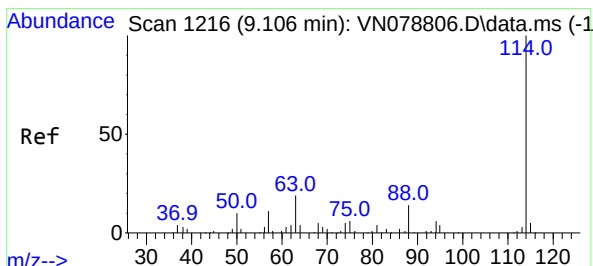
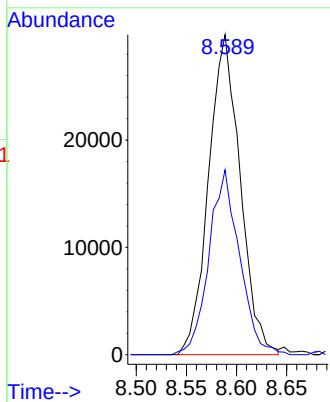
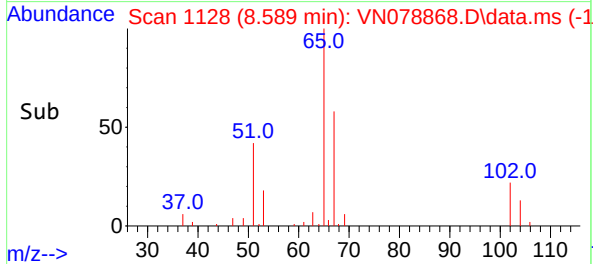
Instrument :
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ClientSampleId :
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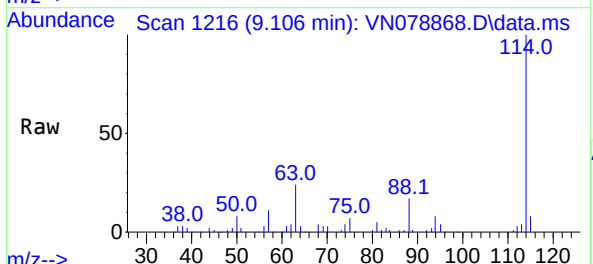
Tgt Ion: 65 Resp: 65432
Ion Ratio Lower Upper
65 100
67 55.9 42.9 64.3

Manual Integrations
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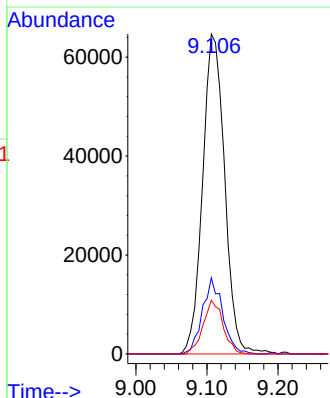
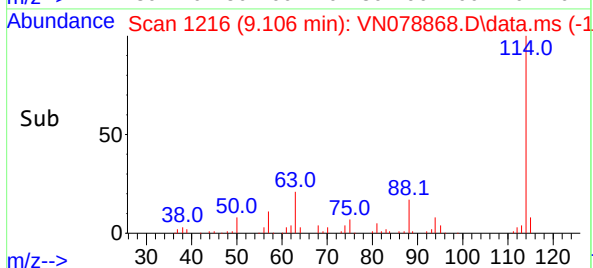
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

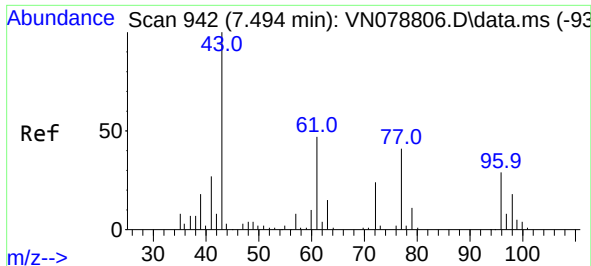


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078868.D
Acq: 11 Aug 2023 17:16



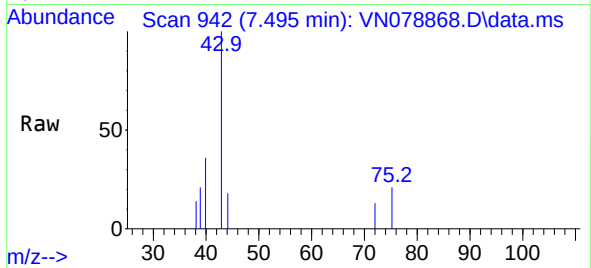
Tgt Ion:114 Resp: 139694
Ion Ratio Lower Upper
114 100
63 21.9 15.2 22.8
88 15.2 12.5 18.7





#30
2-Butanone
Concen: 2.857 ug/l m
RT: 7.495 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078868.D
Acq: 11 Aug 2023 17:16

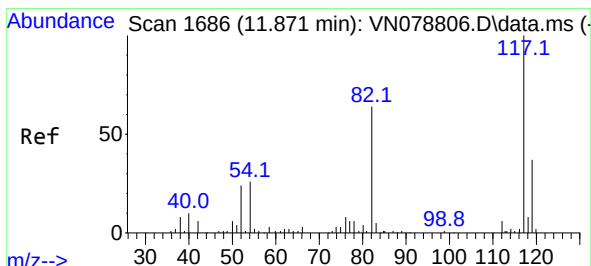
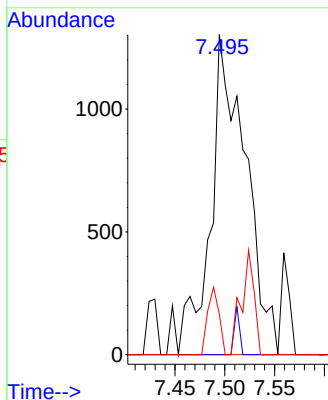
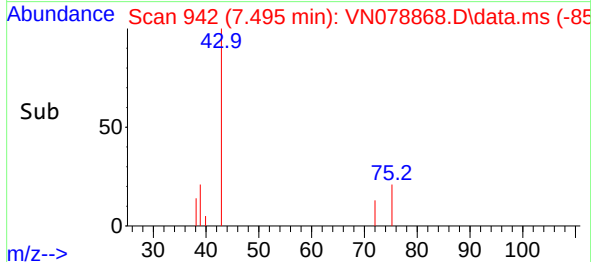
Instrument :
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ClientSampleId :
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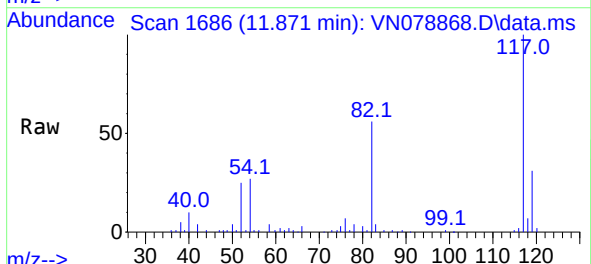
Tgt Ion: 43 Resp: 3178
Ion Ratio Lower Upper
43 100
57 0.0 6.8 10.2
72 6.9 23.8 35.6

Manual Integrations
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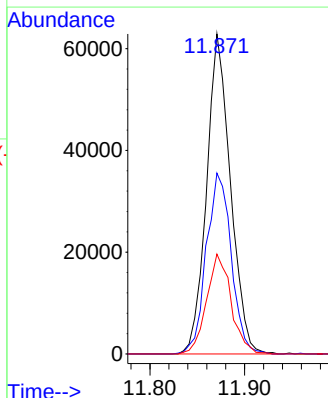
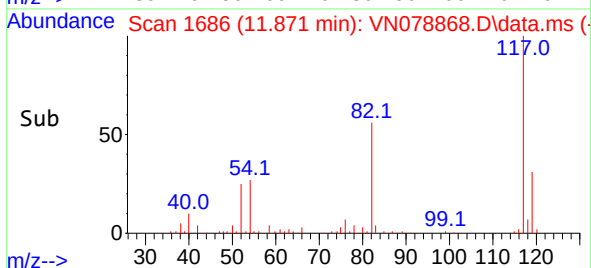
Reviewed By :John Carlone 08/14/2023
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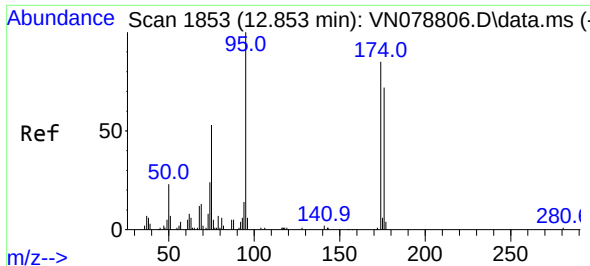


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078868.D
Acq: 11 Aug 2023 17:16



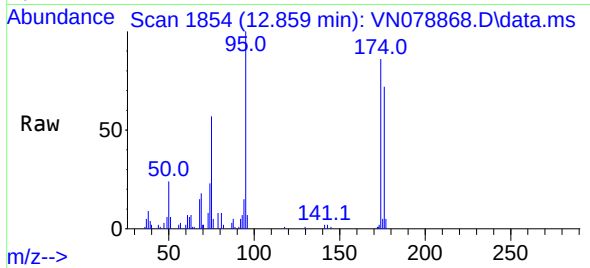
Tgt Ion:117 Resp: 110473
Ion Ratio Lower Upper
117 100
82 59.0 43.9 65.9
119 31.9 26.2 39.4





#60
4-Bromofluorobenzene
Concen: 21.645 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078868.D
Acq: 11 Aug 2023 17:16

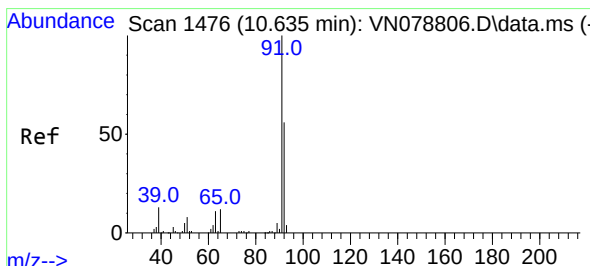
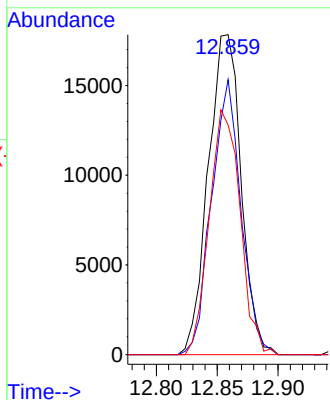
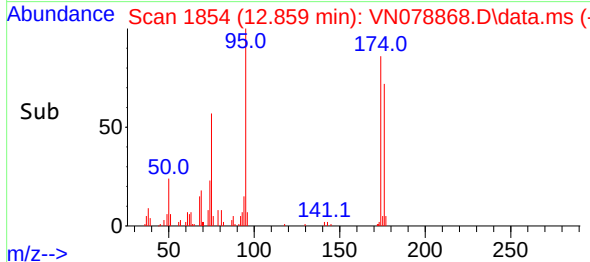
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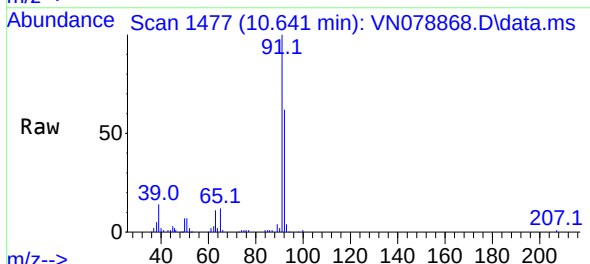
Tgt Ion: 95 Resp: 3356
Ion Ratio Lower Upper
95 100
174 77.0 61.7 92.5
176 71.5 58.1 87.1

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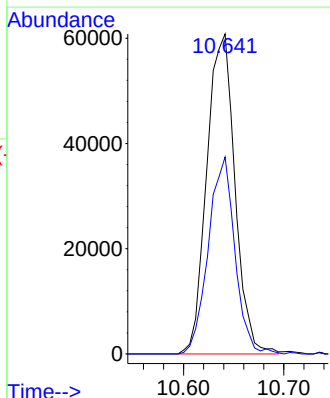
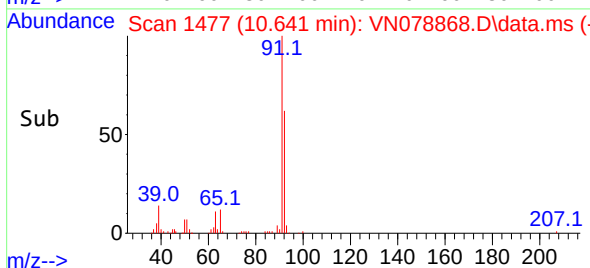
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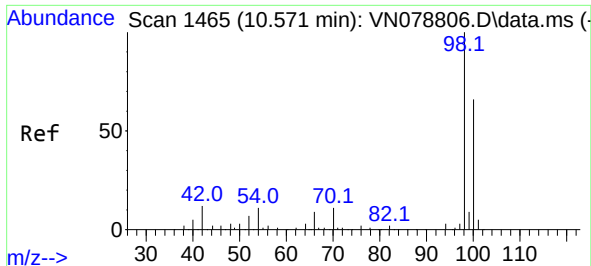


#62
Toluene
Concen: 18.264 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN078868.D
Acq: 11 Aug 2023 17:16



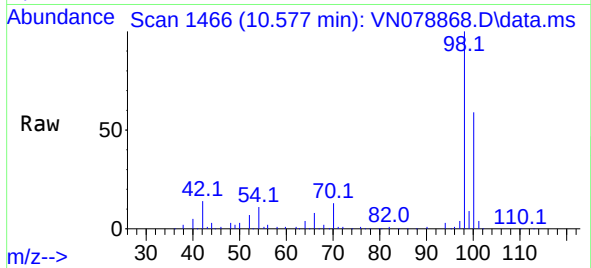
Tgt Ion: 91 Resp: 118791
Ion Ratio Lower Upper
91 100
92 57.5 45.2 67.8





#63
Toluene-d8
Concen: 29.804 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078868.D
Acq: 11 Aug 2023 17:16

Instrument :
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Tgt Ion: 98 Resp: 161342
Ion Ratio Lower Upper
98 100
100 65.9 49.7 74.5

Manual Integrations
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