

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083023\
 Data File : VN079113.D
 Acq On : 30 Aug 2023 13:33
 Operator : JC\MD
 Sample : 04223-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Aug 31 02:15:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	34570	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	170651	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	147469	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	80379	28.700	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	95.667%	
60) 4-Bromofluorobenzene	12.853	95	48658	22.620	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	75.400%	
63) Toluene-d8	10.570	98	211753	30.748	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	102.500%	
Target Compounds						
15) Acetone	4.436	58	8412	24.305	ug/l	87
25) Chloroform	7.971	83	9177	2.249	ug/l #	82
30) 2-Butanone	7.494	43	7930m	5.218	ug/l	
58) 4-Methyl-2-Pentanone	10.453	43	21494	7.346	ug/l	94

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

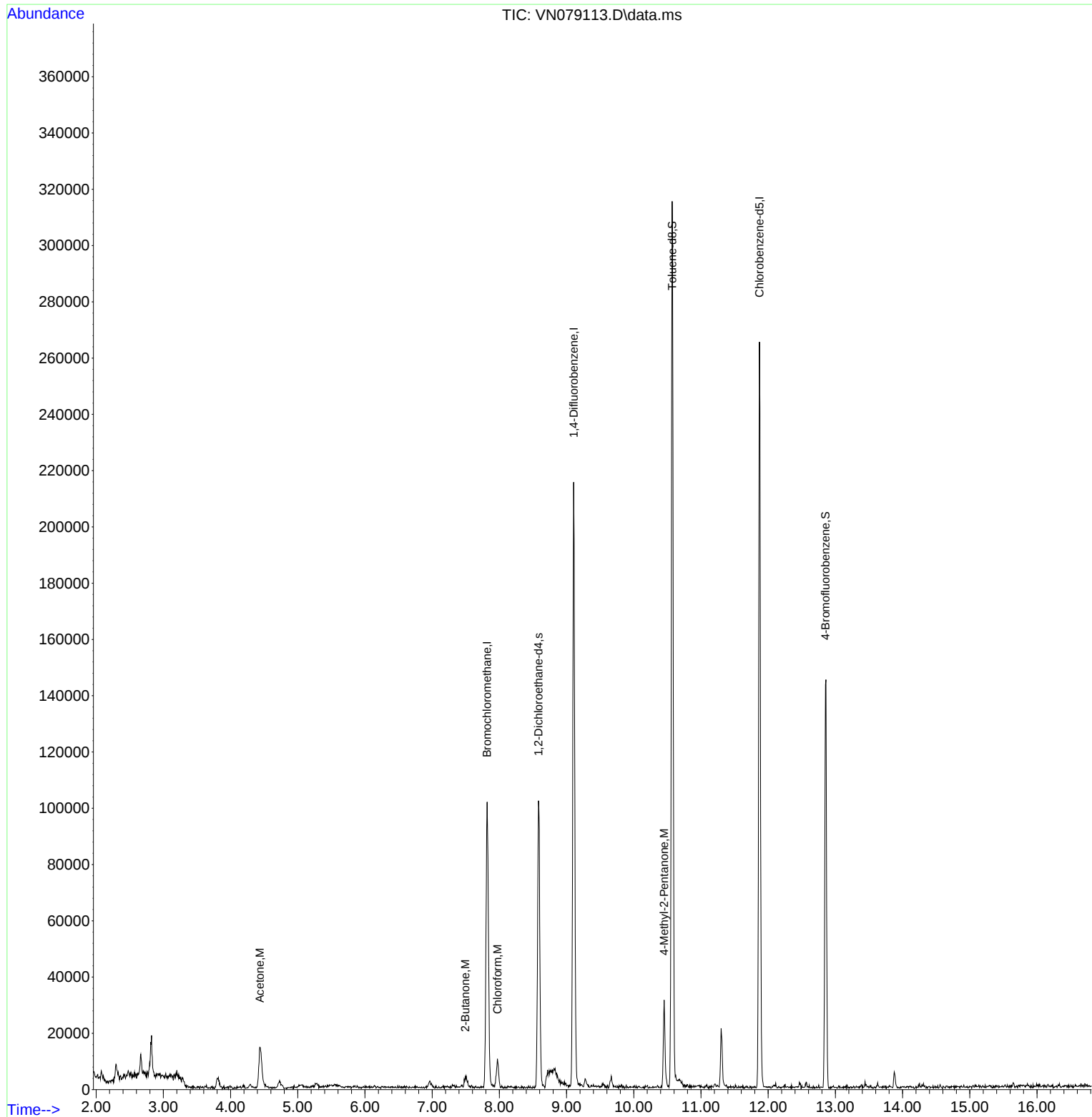
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083023\
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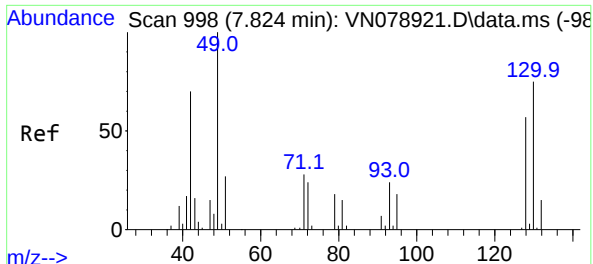
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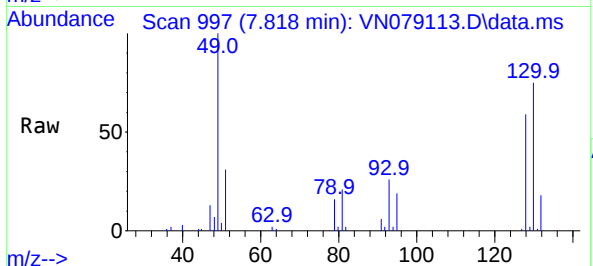
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN079113.D
Acq: 30 Aug 2023 13:33

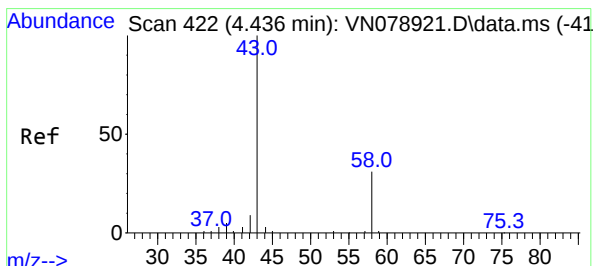
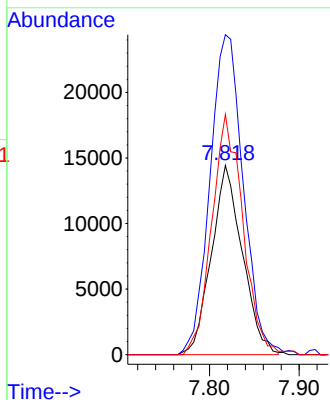
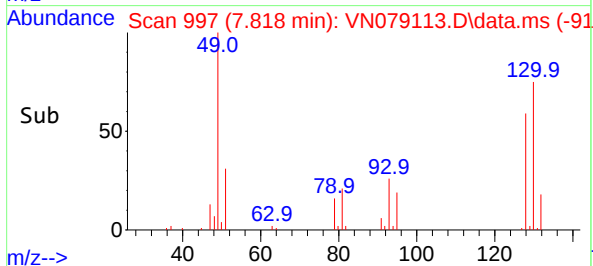
Instrument :
MSVOA_N
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001-WILLETS-PT-BLVD(JUNE)



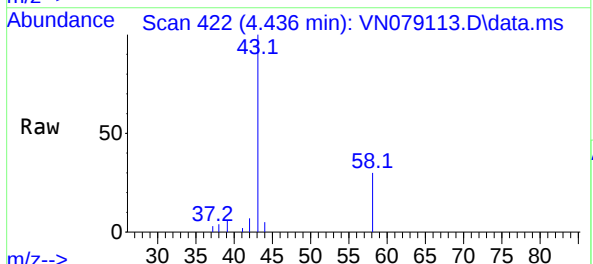
Tgt Ion:128 Resp: 34570
Ion Ratio Lower Upper
128 100
49 181.6 0.0 481.8
130 127.4 0.0 320.5

Manual Integrations
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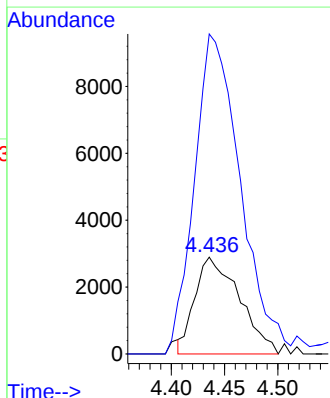
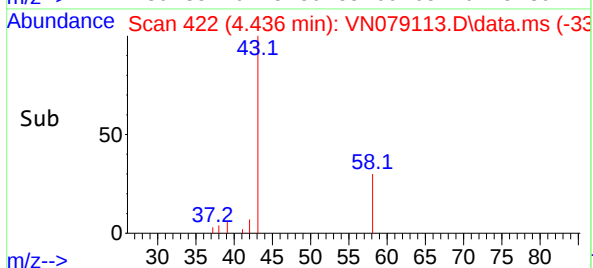
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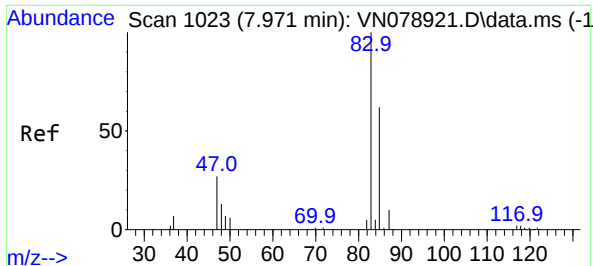


#15
Acetone
Concen: 24.305 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN079113.D
Acq: 30 Aug 2023 13:33



Tgt Ion: 58 Resp: 8412
Ion Ratio Lower Upper
58 100
43 299.3 260.6 390.8





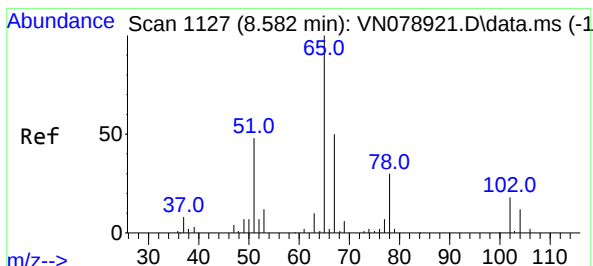
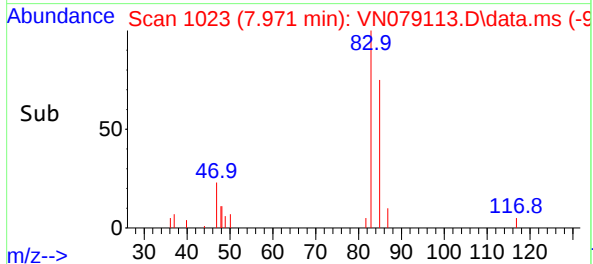
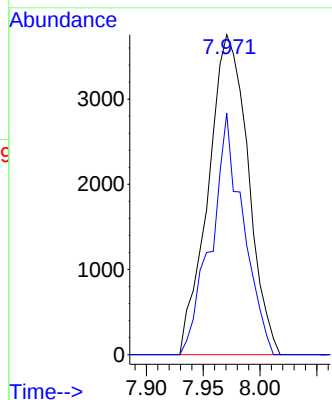
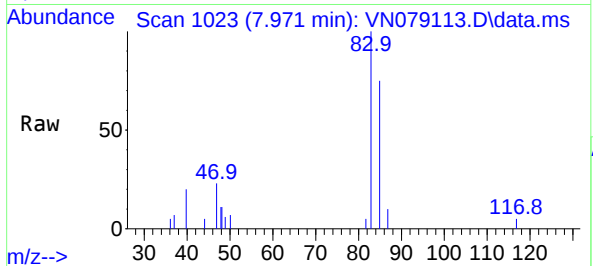
#25
Chloroform
Concen: 2.249 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079113.D
Acq: 30 Aug 2023 13:33

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

Tgt Ion: 83 Resp: 917
Ion Ratio Lower Upper
83 100
85 75.5 49.6 74.4

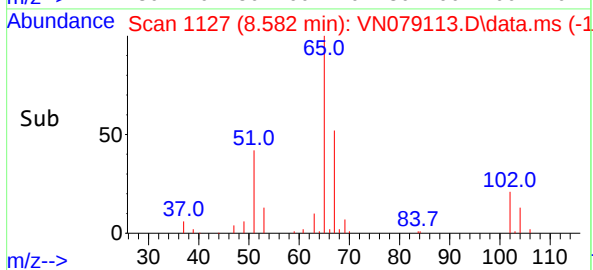
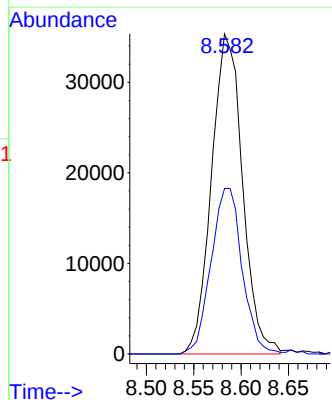
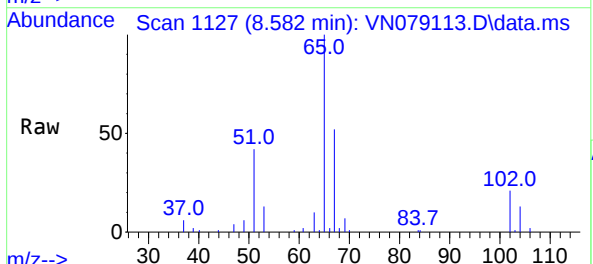
Manual Integrations
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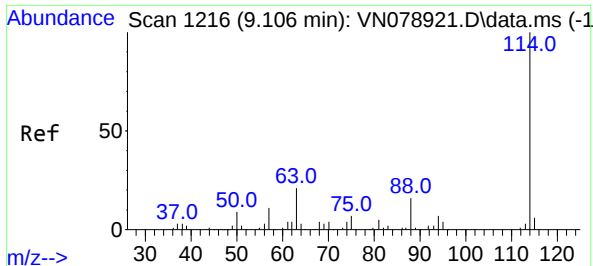
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#27
1,2-Dichloroethane-d4
Concen: 28.700 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079113.D
Acq: 30 Aug 2023 13:33

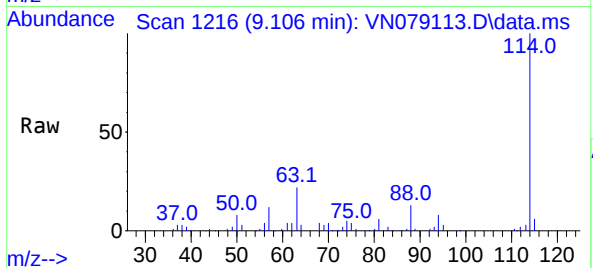
Tgt Ion: 65 Resp: 80379
Ion Ratio Lower Upper
65 100
67 51.9 40.7 61.1





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN079113.D
Acq: 30 Aug 2023 13:33

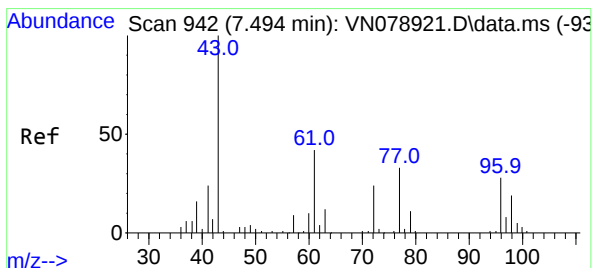
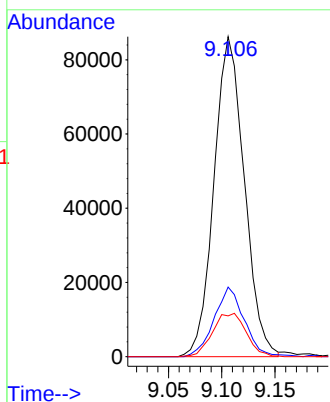
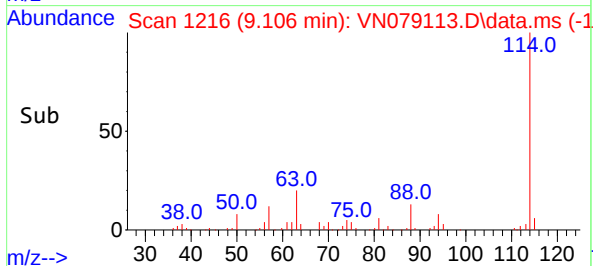
Instrument :
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ClientSampleId :
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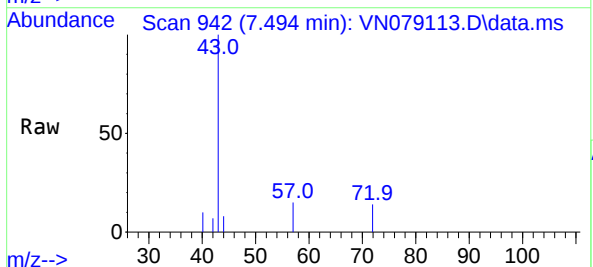
Tgt Ion:114 Resp: 17065
Ion Ratio Lower Upper
114 100
63 21.7 17.4 26.2
88 15.1 12.0 18.0

Manual Integrations
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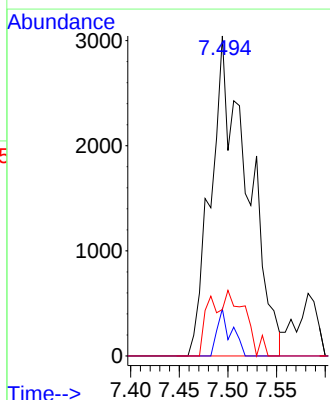
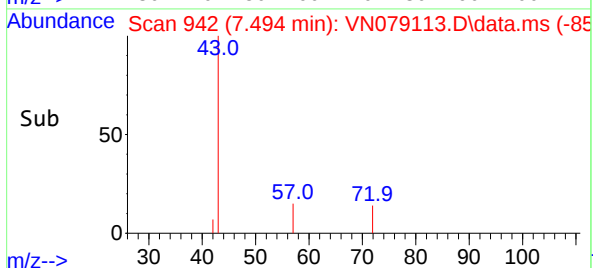
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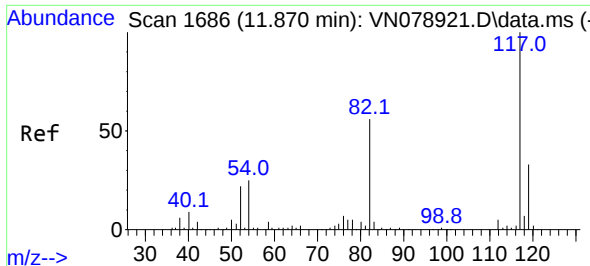


#30
2-Butanone
Concen: 5.218 ug/l m
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079113.D
Acq: 30 Aug 2023 13:33



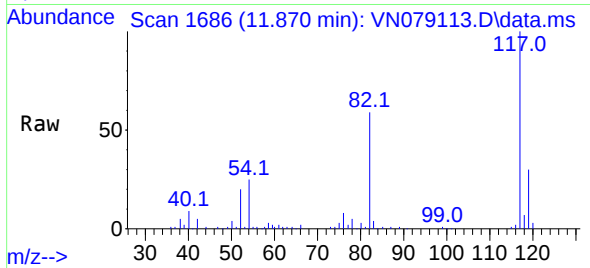
Tgt Ion: 43 Resp: 7930
Ion Ratio Lower Upper
43 100
57 3.8 6.2 9.4#
72 6.3 19.4 29.2#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079113.D
Acq: 30 Aug 2023 13:33

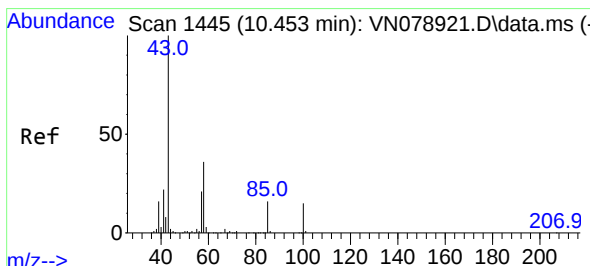
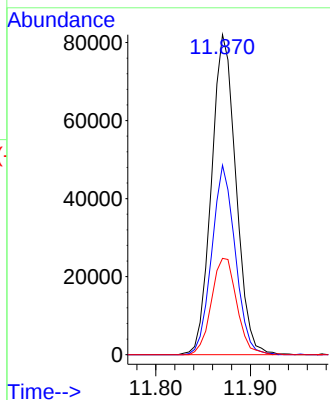
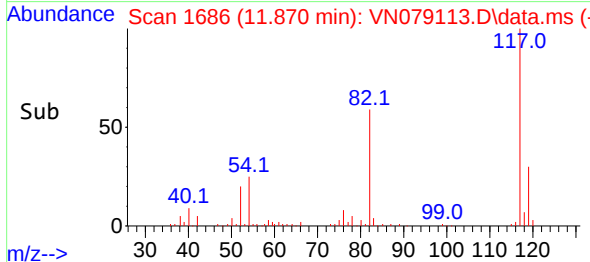
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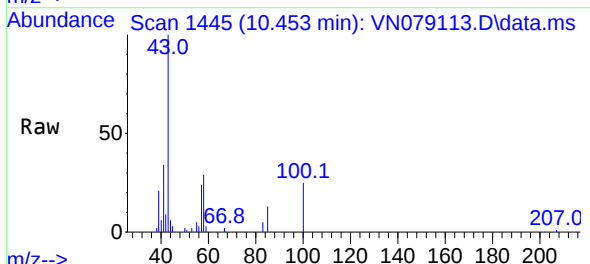
Tgt Ion: 117 Resp: 147469
Ion Ratio Lower Upper
117 100
82 56.7 43.4 65.0
119 31.1 25.5 38.3

Manual Integrations
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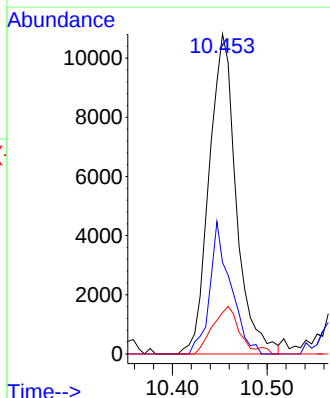
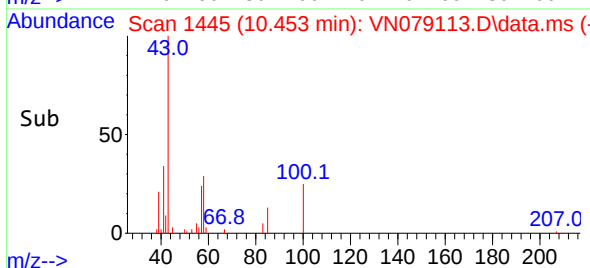
Reviewed By :John Carlone 08/31/2023
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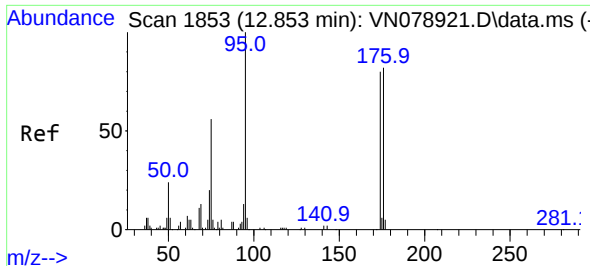


#58
4-Methyl-2-Pentanone
Concen: 7.346 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079113.D
Acq: 30 Aug 2023 13:33



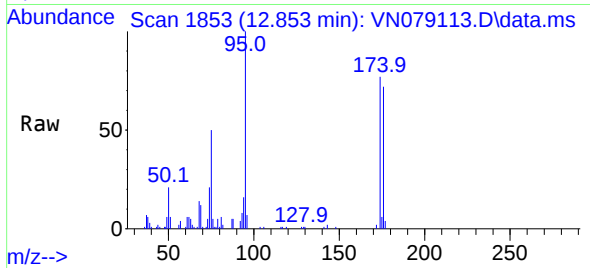
Tgt Ion: 43 Resp: 21494
Ion Ratio Lower Upper
43 100
58 31.7 28.8 43.2
85 14.3 12.7 19.1





#60
4-Bromofluorobenzene
Concen: 22.620 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079113.D
Acq: 30 Aug 2023 13:33

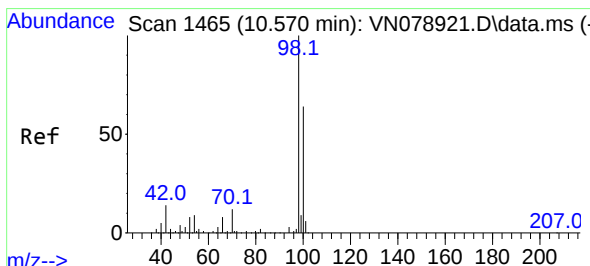
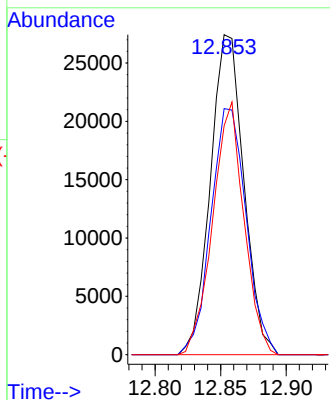
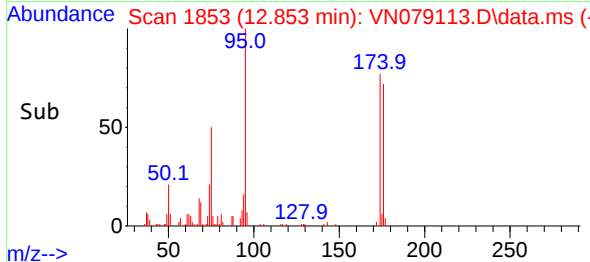
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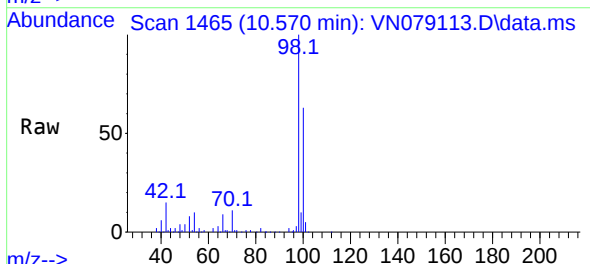
Tgt Ion: 95 Resp: 48658
Ion Ratio Lower Upper
95 100
174 81.0 64.8 97.2
176 73.7 63.0 94.6

Manual Integrations
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#63
Toluene-d8
Concen: 30.748 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079113.D
Acq: 30 Aug 2023 13:33



Tgt Ion: 98 Resp: 211753
Ion Ratio Lower Upper
98 100
100 65.8 51.1 76.7

