

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091923\
 Data File : VN079302.D
 Acq On : 19 Sep 2023 14:52
 Operator : JC\MD
 Sample : 04477-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(AUG)

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2023
 Supervised By : Mahesh Dadoda 09/20/2023

Quant Time: Sep 19 15:41:41 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

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

Internal Standards						
1) Bromochloromethane	7.818	128	37218	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	161987	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	153195	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	80846	28.912	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	96.367%	
60) 4-Bromofluorobenzene	12.853	95	52998	23.479	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	78.267%	
63) Toluene-d8	10.571	98	203410	28.412	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	94.700%	
Target Compounds						
15) Acetone	4.442	58	26458m	113.321	ug/l	Qvalue
25) Chloroform	7.977	83	6031	1.360	ug/l	90
30) 2-Butanone	7.494	43	9322	7.136	ug/l #	93
62) Toluene	10.635	91	219931	24.657	ug/l	99
82) p-Isopropyltoluene	13.735	119	3420	0.563	ug/l	89

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

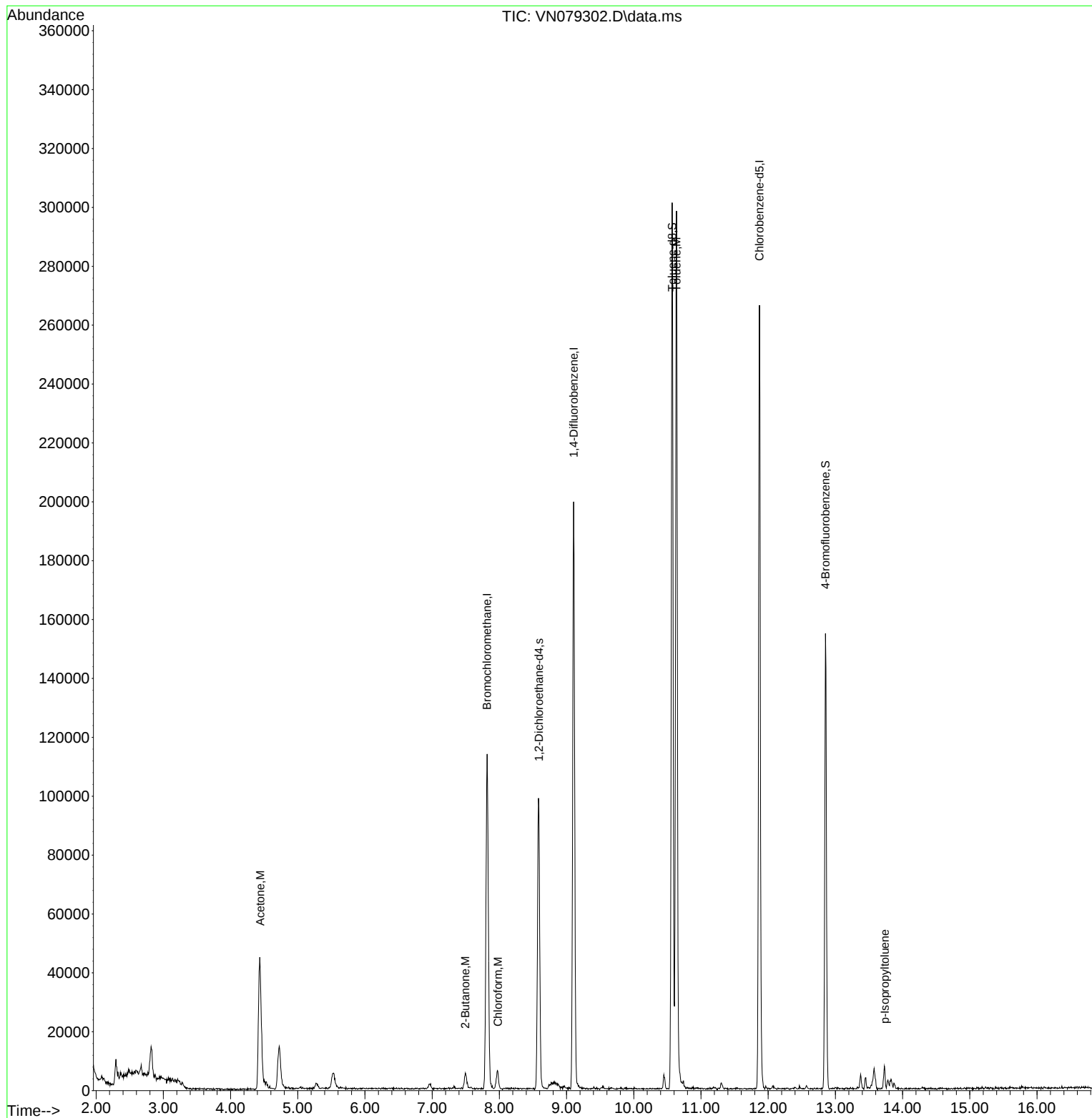
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091923\
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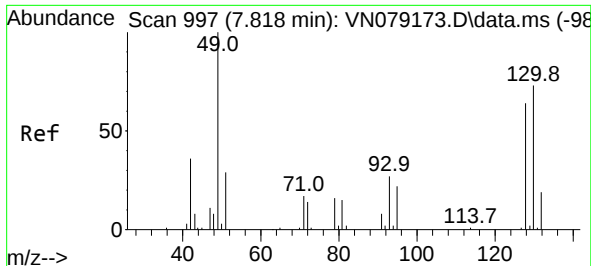
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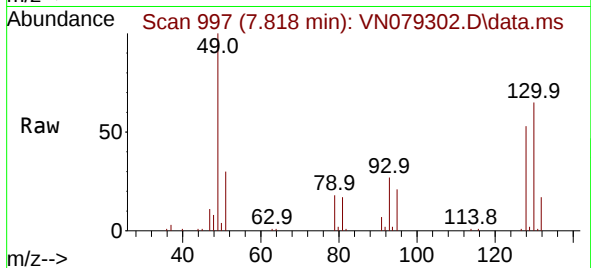
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079302.D
Acq: 19 Sep 2023 14:52

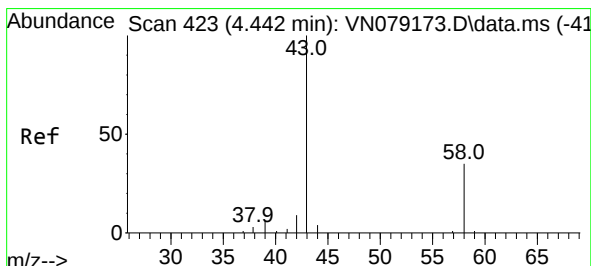
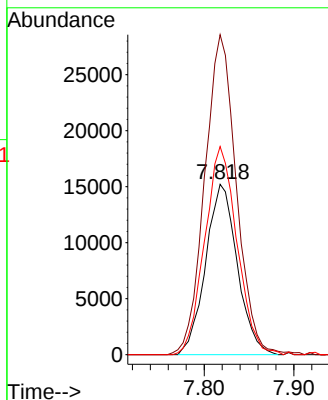
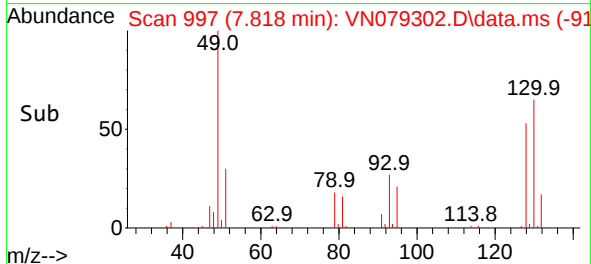
Instrument :
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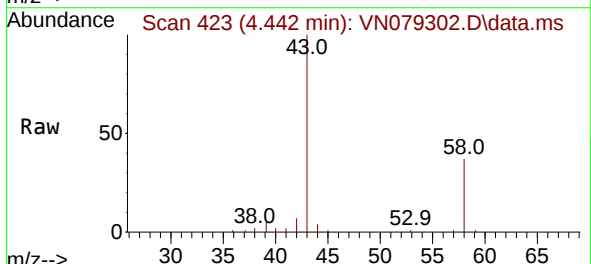
Tgt Ion:128 Resp: 37218
Ion Ratio Lower Upper
128 100
49 188.2 0.0 414.3
130 124.9 0.0 311.0

Manual Integrations
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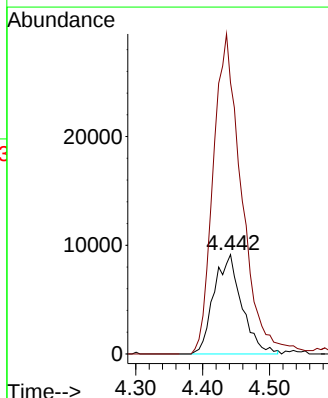
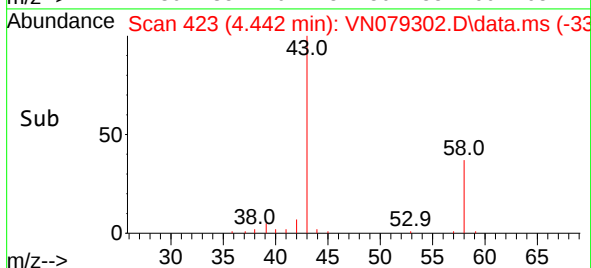
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023

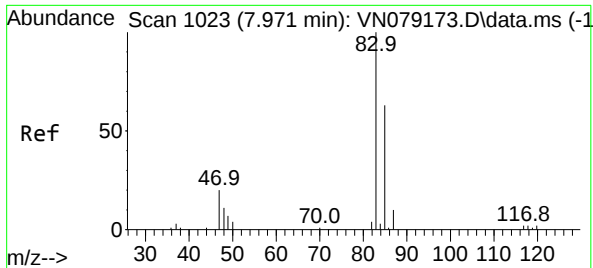


#15
Acetone
Concen: 113.321 ug/l m
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079302.D
Acq: 19 Sep 2023 14:52



Tgt Ion: 58 Resp: 26458
Ion Ratio Lower Upper
58 100
43 272.6 228.3 342.5





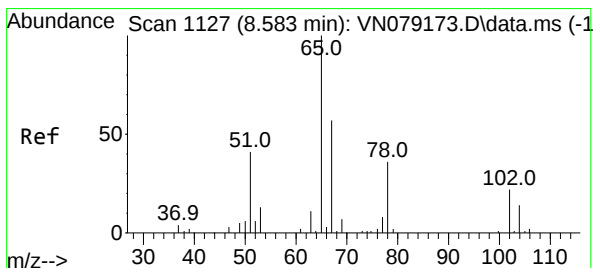
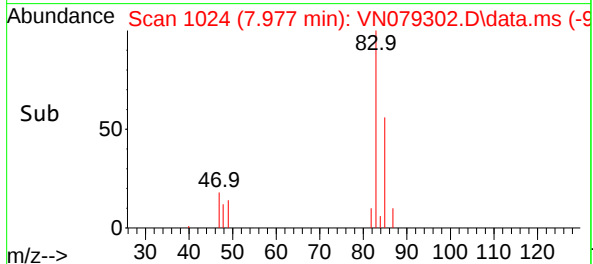
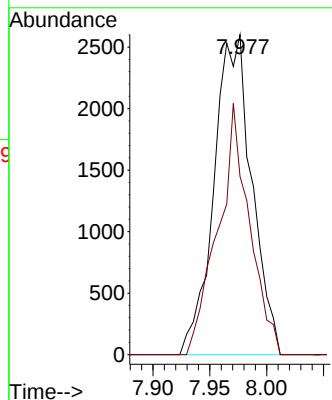
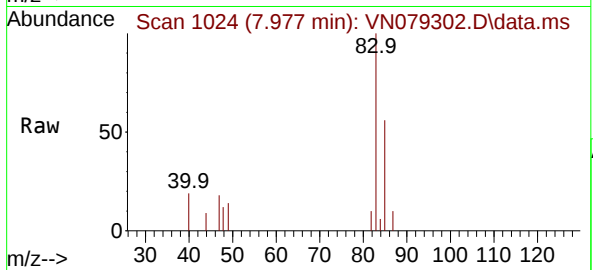
#25
Chloroform
Concen: 1.360 ug/l
RT: 7.977 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN079302.D
Acq: 19 Sep 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(AUG)

Tgt Ion: 83 Resp: 603
Ion Ratio Lower Upper
83 100
85 55.6 50.6 76.0

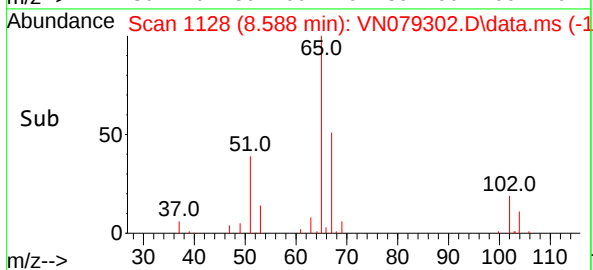
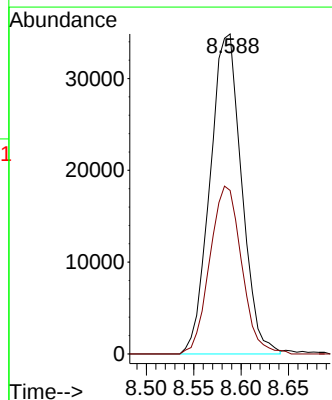
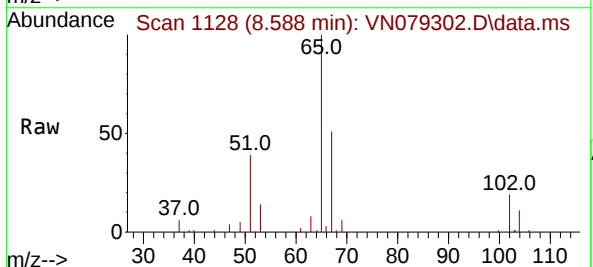
Manual Integrations
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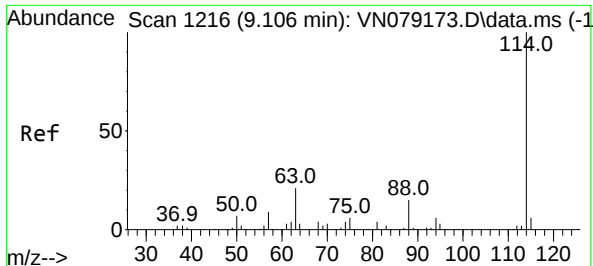
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#27
1,2-Dichloroethane-d4
Concen: 28.912 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079302.D
Acq: 19 Sep 2023 14:52

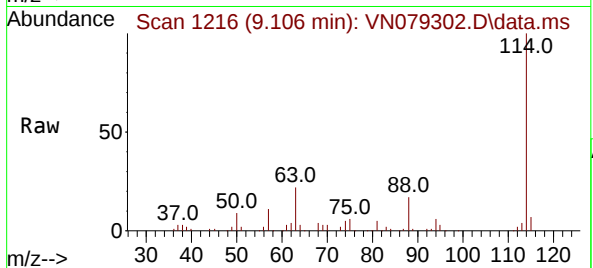
Tgt Ion: 65 Resp: 80846
Ion Ratio Lower Upper
65 100
67 52.9 44.4 66.6





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN079302.D
Acq: 19 Sep 2023 14:52

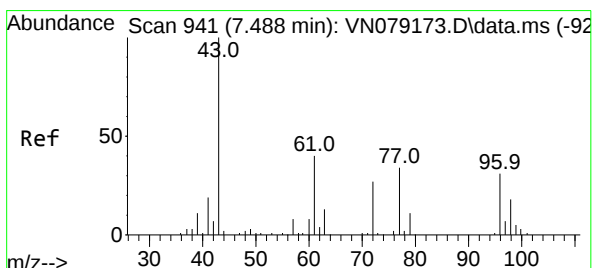
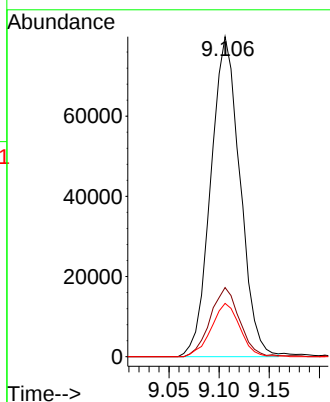
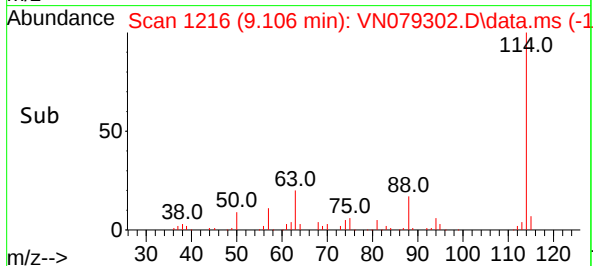
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(AUG)



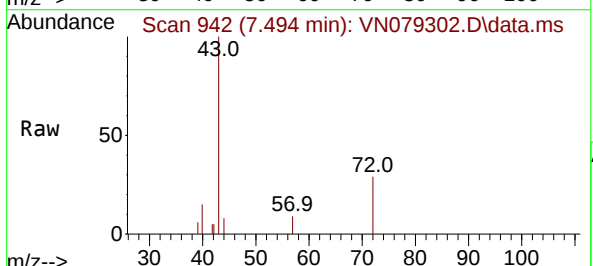
Tgt Ion: 114 Resp: 16198
Ion Ratio Lower Upper
114 100
63 21.4 17.0 25.4
88 16.2 12.8 19.2

Manual Integrations
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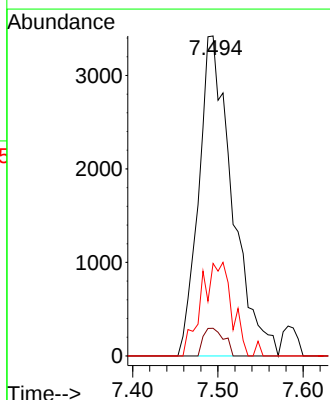
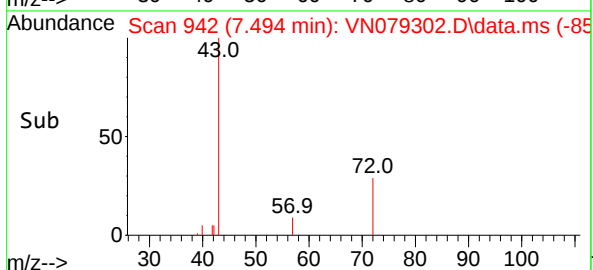
Reviewed By :John Carlone 09/19/2023
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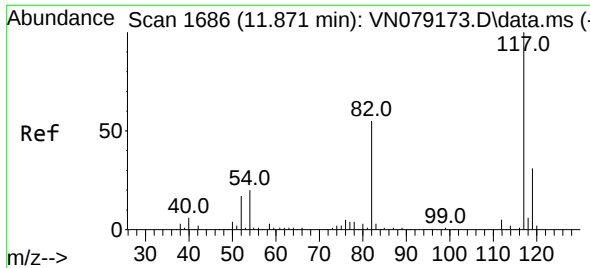


#30
2-Butanone
Concen: 7.136 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079302.D
Acq: 19 Sep 2023 14:52



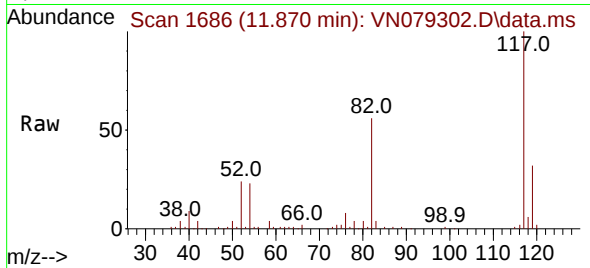
Tgt Ion: 43 Resp: 9322
Ion Ratio Lower Upper
43 100
57 5.4 6.8 10.2#
72 24.5 22.4 33.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079302.D
Acq: 19 Sep 2023 14:52

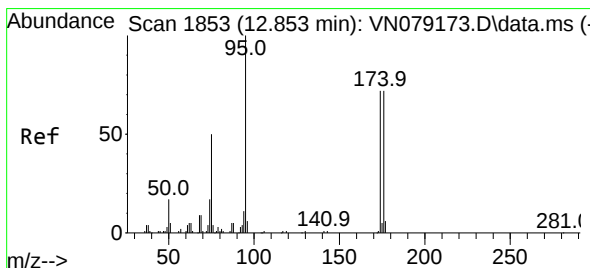
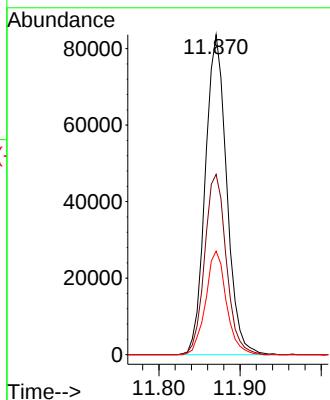
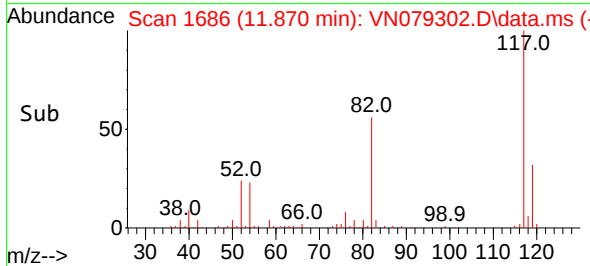
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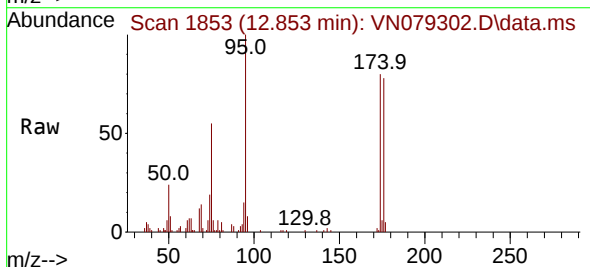
Tgt Ion:117 Resp: 15319
Ion Ratio Lower Upper
117 100
82 56.9 44.7 67.1
119 31.4 24.9 37.3

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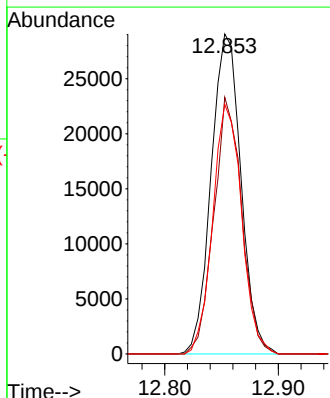
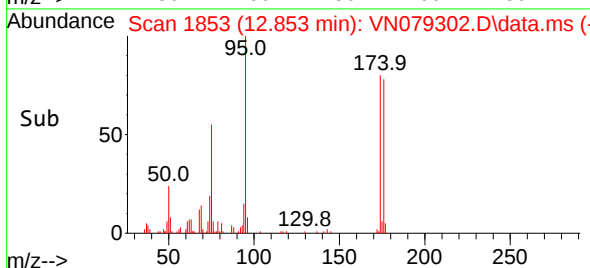
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023

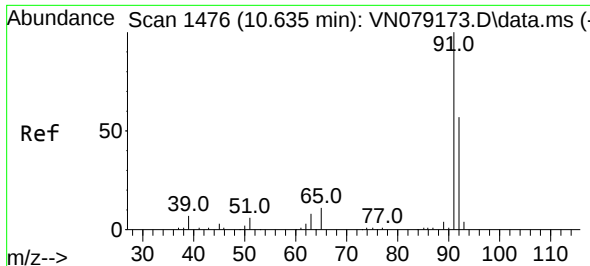


#60
4-Bromofluorobenzene
Concen: 23.479 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079302.D
Acq: 19 Sep 2023 14:52



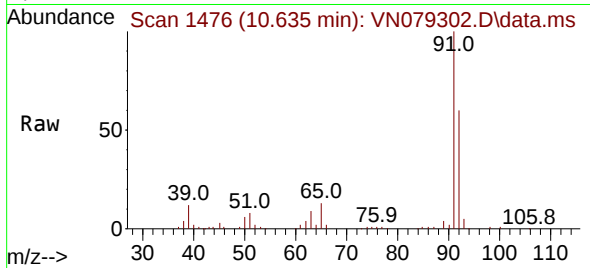
Tgt Ion: 95 Resp: 52998
Ion Ratio Lower Upper
95 100
174 75.2 59.5 89.3
176 75.5 59.1 88.7





#62
Toluene
Concen: 24.657 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079302.D
Acq: 19 Sep 2023 14:52

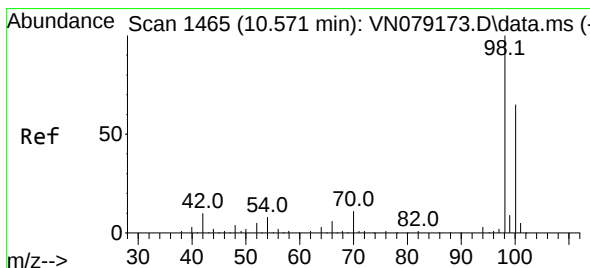
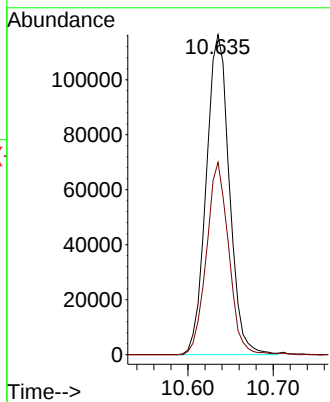
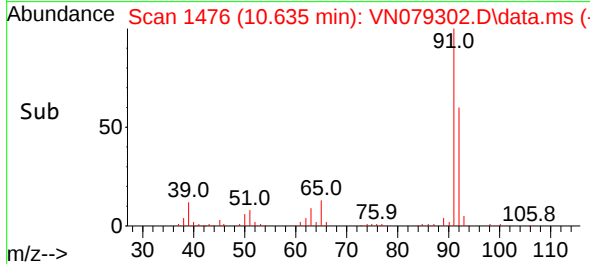
Instrument :
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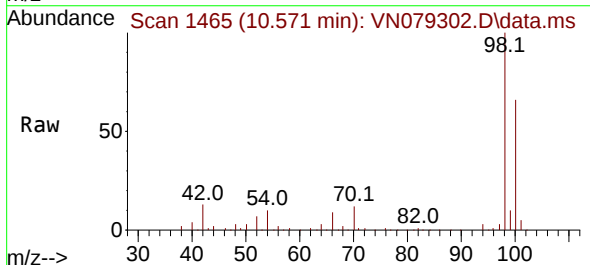
Tgt Ion: 91 Resp: 21993
Ion Ratio Lower Upper
91 100
92 57.6 45.7 68.5

Manual Integrations
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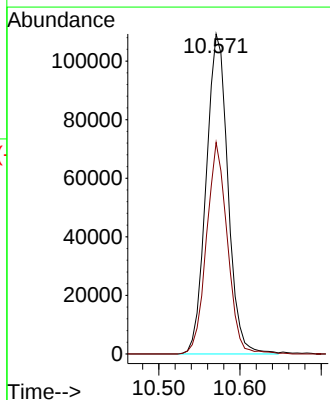
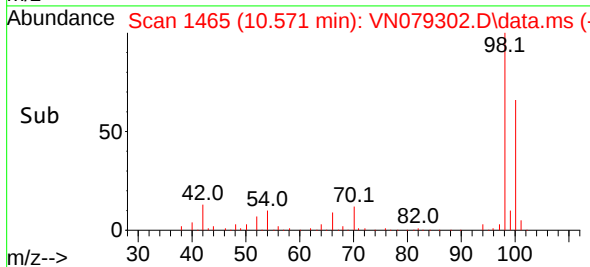
Reviewed By :John Carlone 09/19/2023
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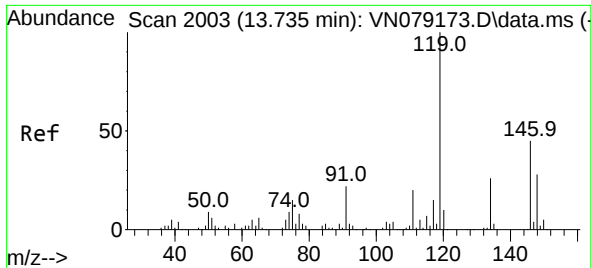


#63
Toluene-d8
Concen: 28.412 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079302.D
Acq: 19 Sep 2023 14:52



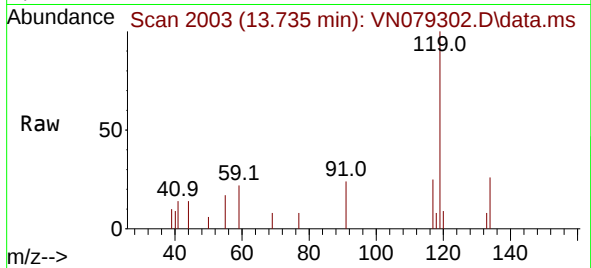
Tgt Ion: 98 Resp: 203410
Ion Ratio Lower Upper
98 100
100 63.3 52.5 78.7





#82
 p-Isopropyltoluene
 Concen: 0.563 ug/l
 RT: 13.735 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079302.D
 Acq: 19 Sep 2023 14:52

Instrument :
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 ClientSampleId :
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Tgt Ion:119	Resp:	3420
Ion Ratio	Lower	Upper
119	100	
134	18.8	0.0 53.8
91	21.1	0.0 48.0

Manual Integrations
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