

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079105.D
 Acq On : 29 Aug 2023 19:44
 Operator : JC\MD
 Sample : 04226-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230828039-01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/30/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Aug 30 01:15:56 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	32526	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	181749	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	148634	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	86433	32.801	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 109.333%			
60) 4-Bromofluorobenzene	12.859	95	47178	21.760	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 72.533%			
63) Toluene-d8	10.570	98	207316	29.868	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.567%			
Target Compounds						
15) Acetone	4.441	58	12485	38.340	ug/l	81
25) Chloroform	7.971	83	253783	66.093	ug/l	95
41) Bromodichloromethane	9.894	83	51572	17.142	ug/l	100
53) Dibromochloromethane	11.365	129	15009	6.783	ug/l	92
61) Tetrachloroethene	11.112	164	2120m	1.473	ug/l	
62) Toluene	10.635	91	2083	0.257	ug/l #	61

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

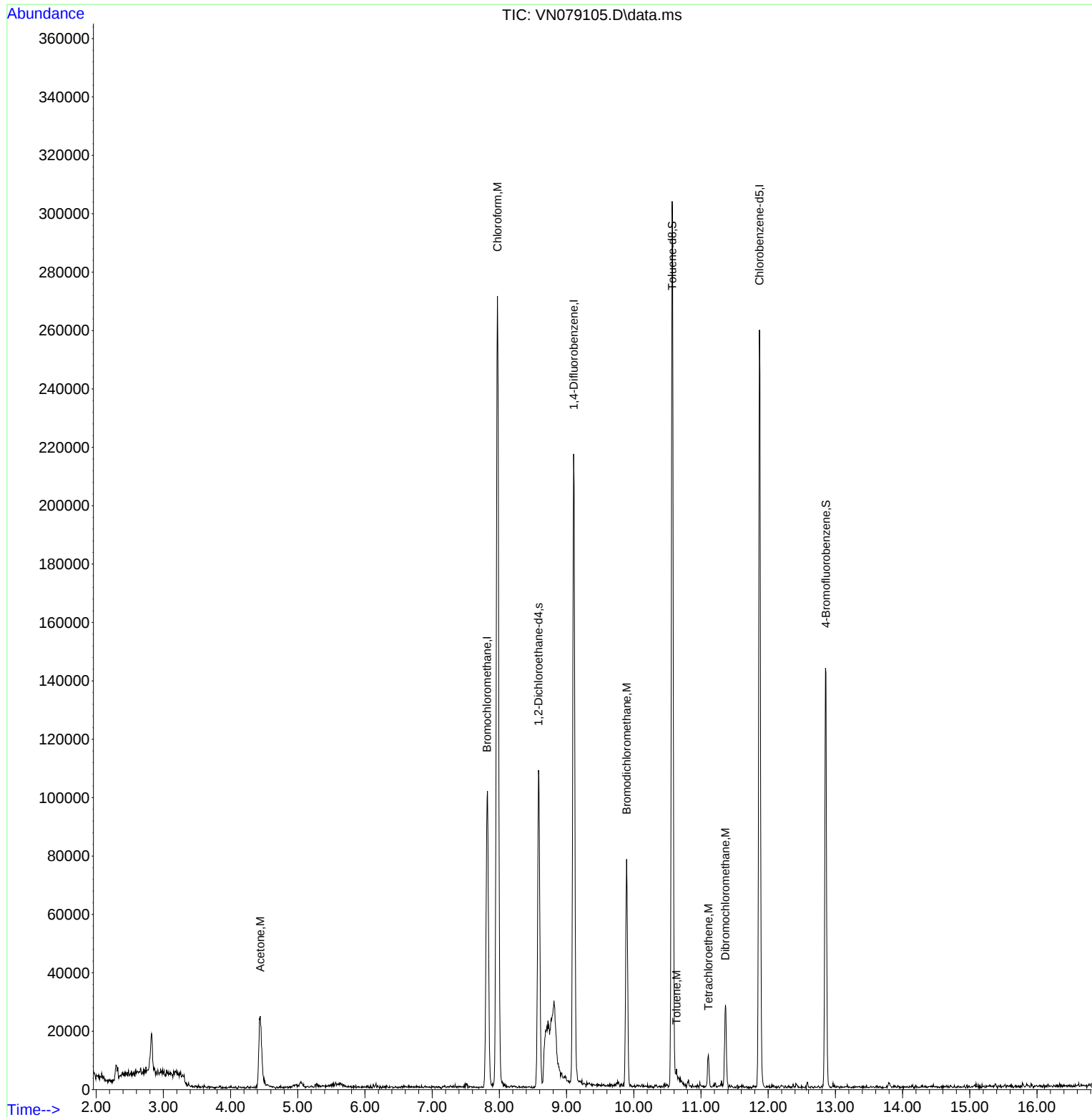
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
Data File : VN079105.D
Acq On : 29 Aug 2023 19:44
Operator : JC\MD
Sample : 04226-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

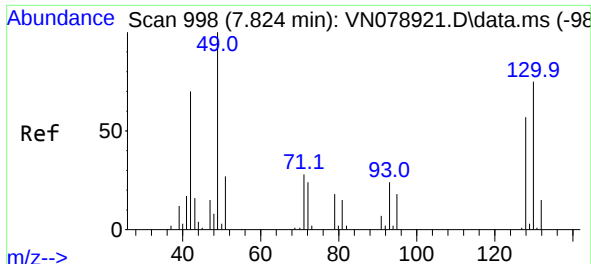
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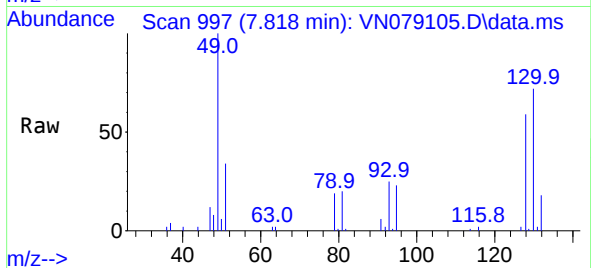
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 18 05:21:14 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079105.D
Acq: 29 Aug 2023 19:44

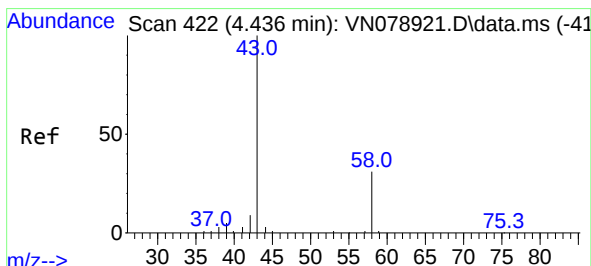
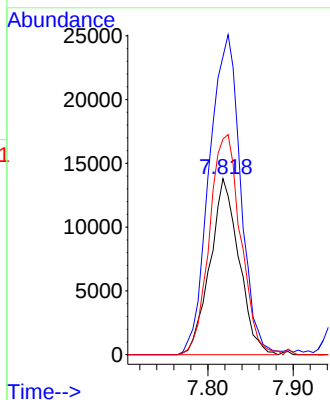
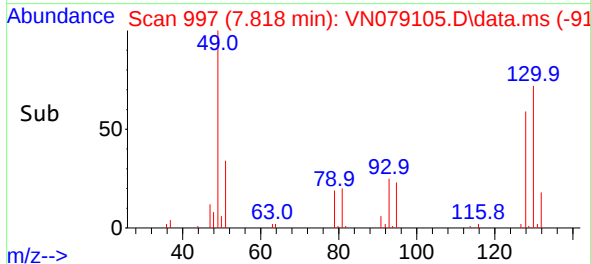
Instrument :
MSVOA_N
ClientSampleId :
230828039-01



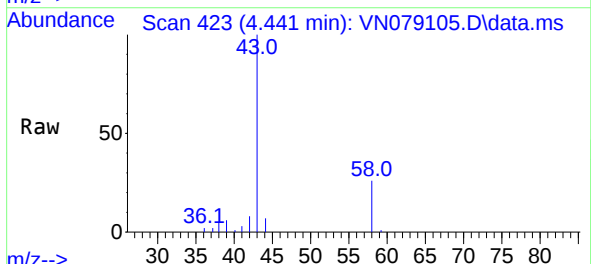
Tgt Ion:128 Resp: 32520
Ion Ratio Lower Upper
128 100
49 197.1 0.0 481.8
130 135.0 0.0 320.5

Manual Integrations
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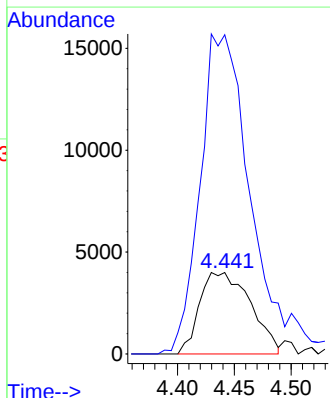
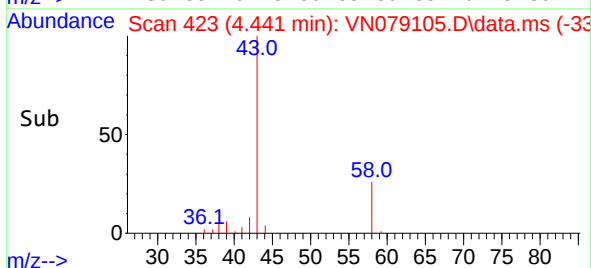
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

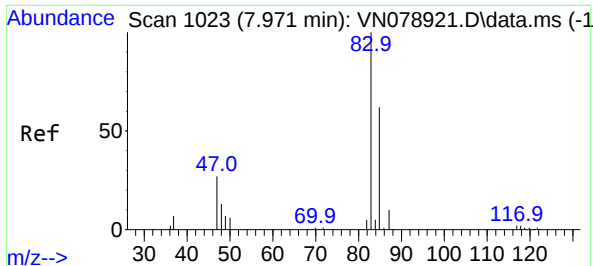


#15
Acetone
Concen: 38.340 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN079105.D
Acq: 29 Aug 2023 19:44



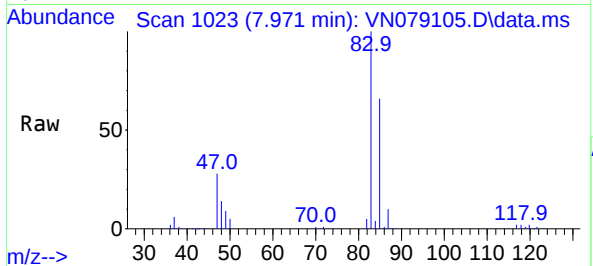
Tgt Ion: 58 Resp: 12485
Ion Ratio Lower Upper
58 100
43 365.6 260.6 390.8





#25
Chloroform
Concen: 66.093 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN079105.D
Acq: 29 Aug 2023 19:44

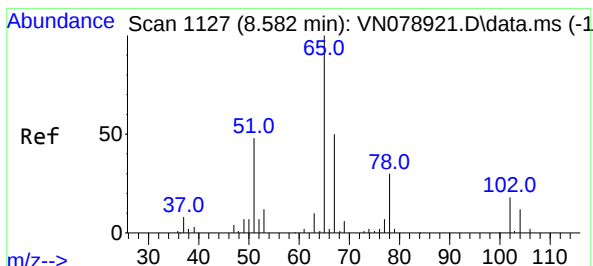
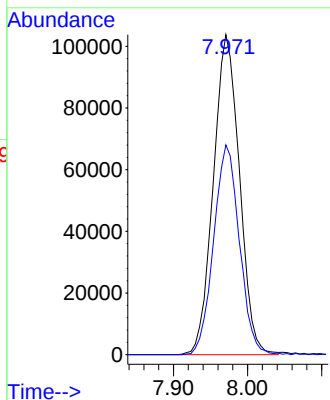
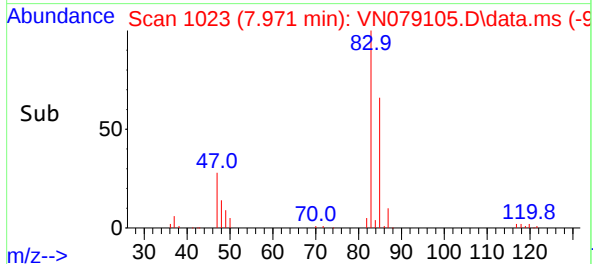
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MSVOA_N
ClientSampleId :
230828039-01



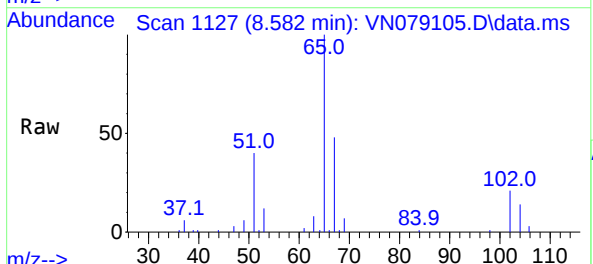
Tgt Ion: 83 Resp: 25378
Ion Ratio Lower Upper
83 100
85 65.5 49.6 74.4

Manual Integrations
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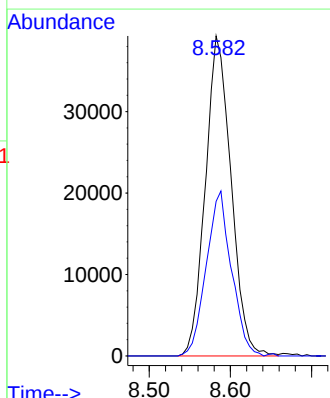
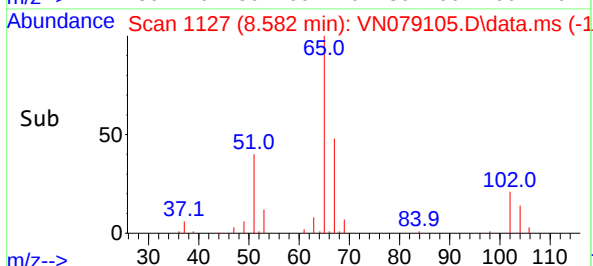
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

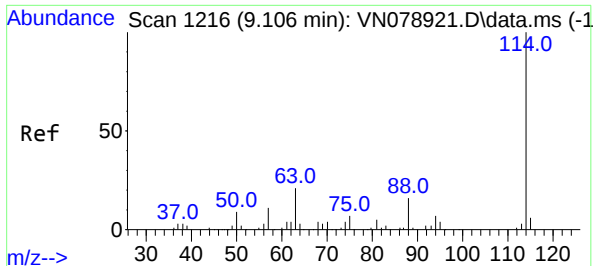


#27
1,2-Dichloroethane-d4
Concen: 32.801 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079105.D
Acq: 29 Aug 2023 19:44



Tgt Ion: 65 Resp: 86433
Ion Ratio Lower Upper
65 100
67 50.5 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: VN079105.D
Acq: 29 Aug 2023 19:44

Instrument :

MSVOA_N

ClientSampleId :

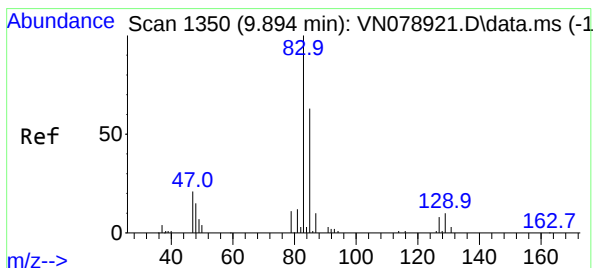
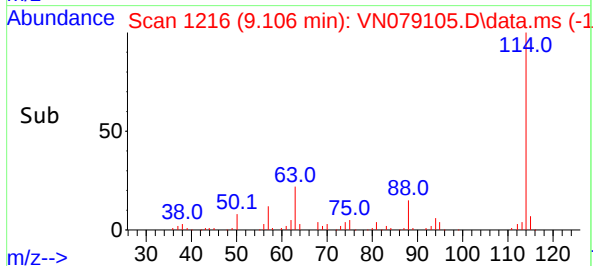
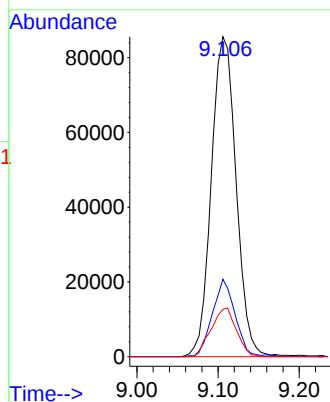
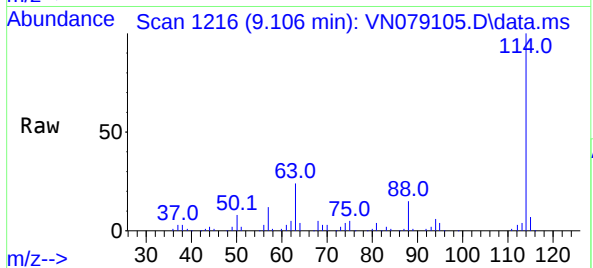
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Tgt Ion:114 Resp: 181749
Ion Ratio Lower Upper
114 100
63 22.1 17.4 26.2
88 15.5 12.0 18.0

Manual Integrations

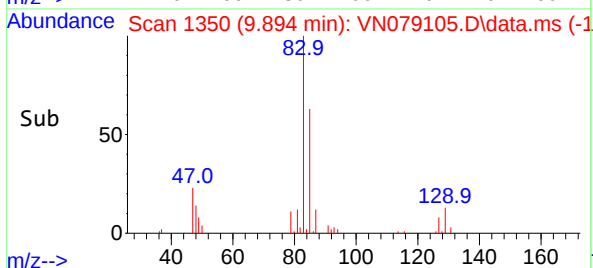
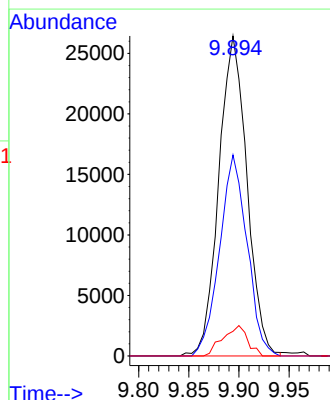
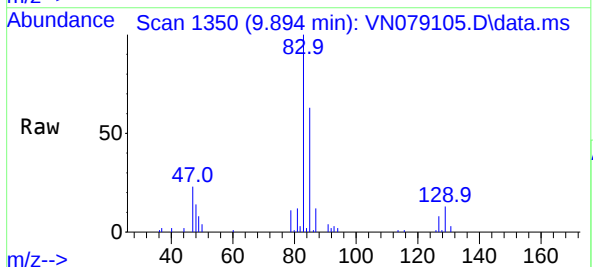
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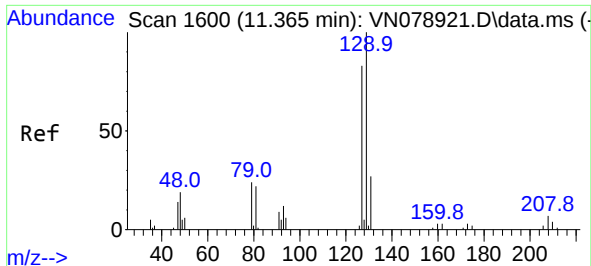
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#41
Bromodichloromethane
Concen: 17.142 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN079105.D
Acq: 29 Aug 2023 19:44

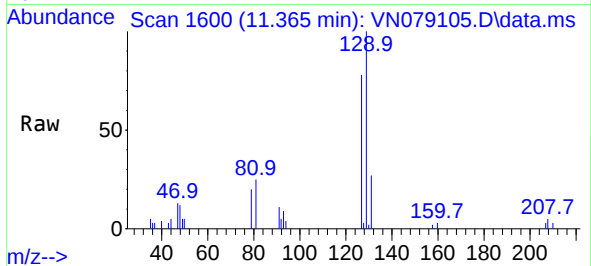
Tgt Ion: 83 Resp: 51572
Ion Ratio Lower Upper
83 100
85 62.8 50.2 75.2
127 7.7 6.2 9.4





#53
Dibromochloromethane
Concen: 6.783 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079105.D
Acq: 29 Aug 2023 19:44

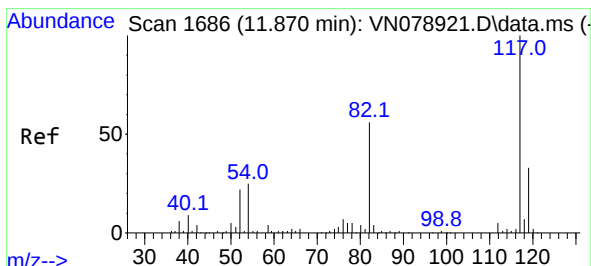
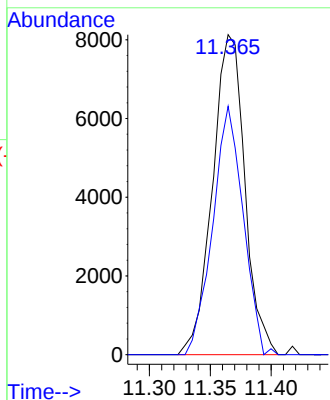
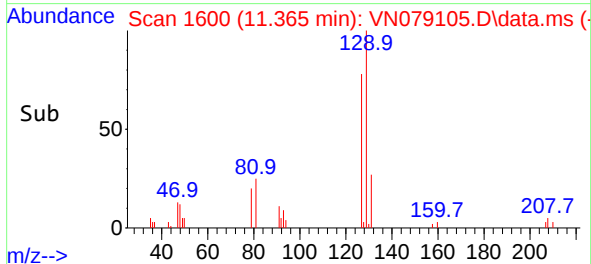
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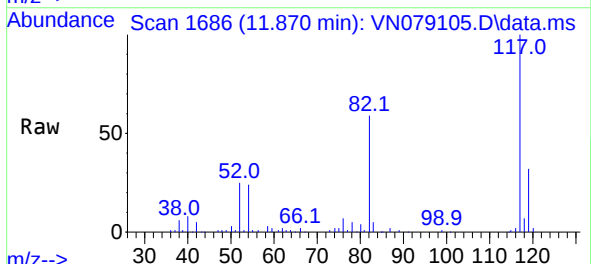
Tgt Ion:129 Resp: 15009
Ion Ratio Lower Upper
129 100
127 72.6 40.1 120.2

Manual Integrations
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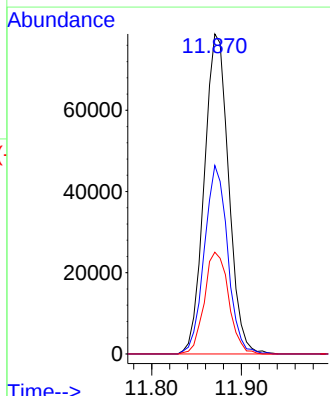
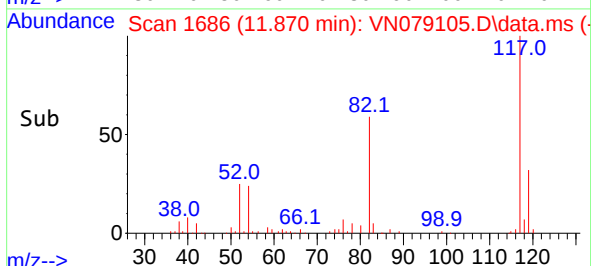
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

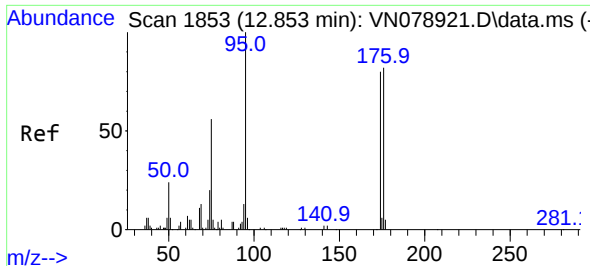


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079105.D
Acq: 29 Aug 2023 19:44



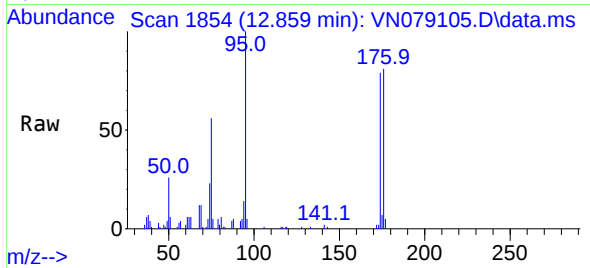
Tgt Ion:117 Resp: 148634
Ion Ratio Lower Upper
117 100
82 56.5 43.4 65.0
119 31.8 25.5 38.3





#60
4-Bromofluorobenzene
Concen: 21.760 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN079105.D
Acq: 29 Aug 2023 19:44

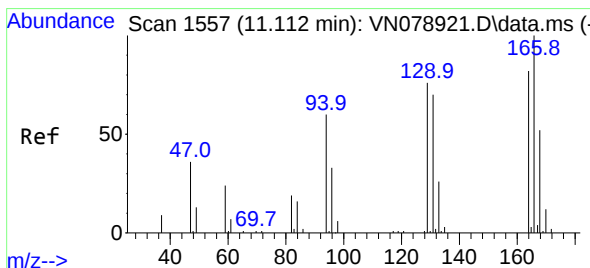
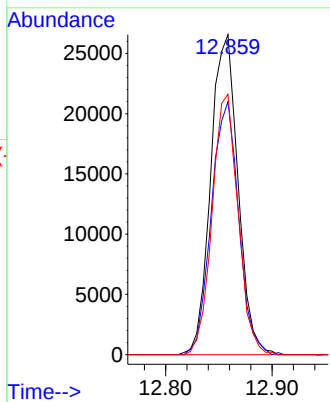
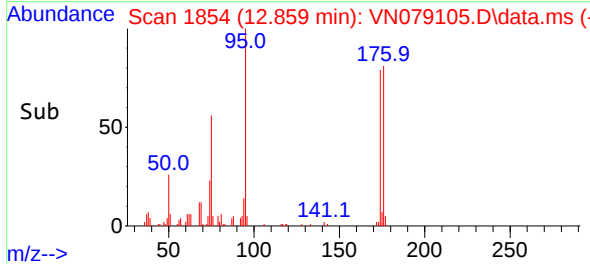
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ClientSampleId :
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Tgt Ion: 95 Resp: 47178
Ion Ratio Lower Upper
95 100
174 79.1 64.8 97.2
176 77.4 63.0 94.6

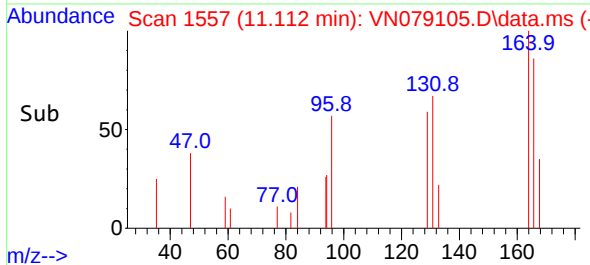
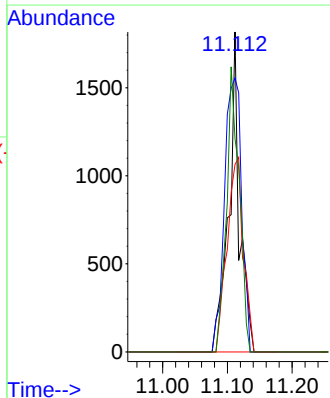
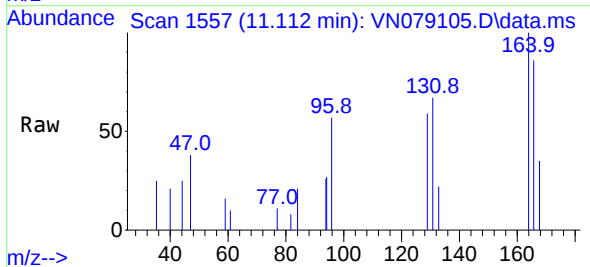
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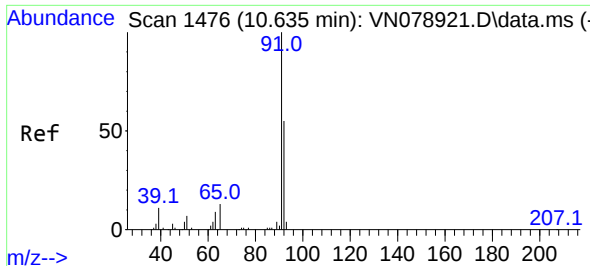
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#61
Tetrachloroethene
Concen: 1.473 ug/l m
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN079105.D
Acq: 29 Aug 2023 19:44

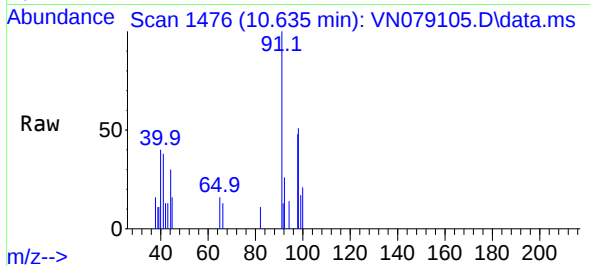
Tgt Ion:164 Resp: 2120
Ion Ratio Lower Upper
164 100
166 85.6 97.6 146.4#
129 58.6 74.1 111.1#
131 66.8 68.6 102.8#





#62
Toluene
Concen: 0.257 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079105.D
Acq: 29 Aug 2023 19:44

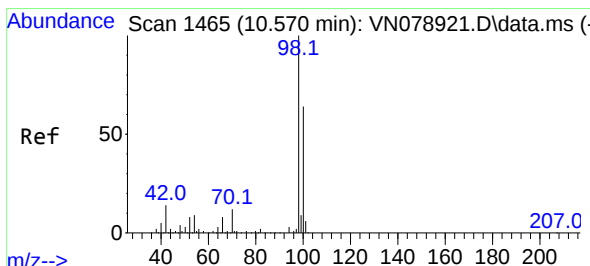
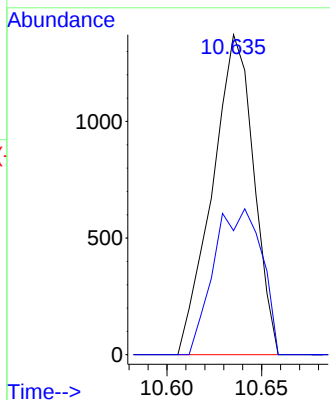
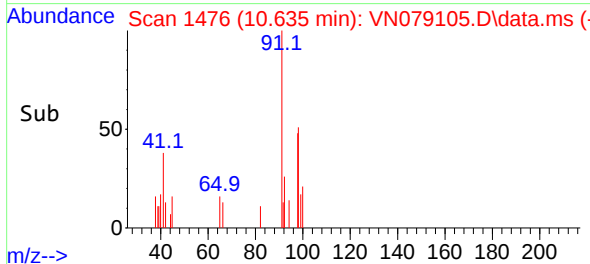
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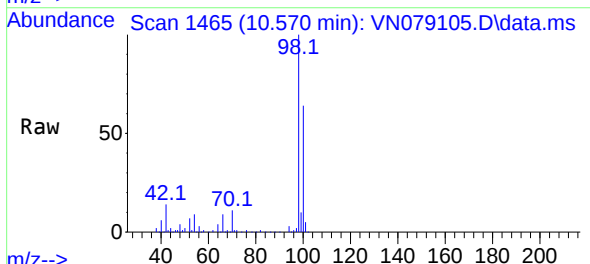
Tgt Ion: 91 Resp: 2083
Ion Ratio Lower Upper
91 100
92 27.5 44.7 67.1

Manual Integrations
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Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#63
Toluene-d8
Concen: 29.868 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079105.D
Acq: 29 Aug 2023 19:44



Tgt Ion: 98 Resp: 207316
Ion Ratio Lower Upper
98 100
100 63.1 51.1 76.7

