

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079587.D
 Acq On : 17 Oct 2023 17:33
 Operator : JC\MD
 Sample : 04913-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-47S

Quant Time: Oct 18 02:32:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/18/2023
 Supervised By :Mahesh Dadoda 10/20/2023

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

Internal Standards						
1) Bromochloromethane	7.818	128	19199	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	132719	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	148690	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	84781	31.059	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.533%			
60) 4-Bromofluorobenzene	12.853	95	55883	20.552	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 68.500%			
63) Toluene-d8	10.571	98	187728	29.464	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.200%			
Target Compounds						
					Qvalue	
10) 1,1-Dichloroethene	4.347	96	4120m	1.593	ug/l	
12) Methyl Acetate	5.036	43	4045	0.649	ug/l #	83
32) 1,1,1-Trichloroethane	8.177	97	50378	10.928	ug/l	98
37) Trichloroethene	9.359	130	38912	14.127	ug/l	89
61) Tetrachloroethene	11.106	164	15322	7.505	ug/l	94

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

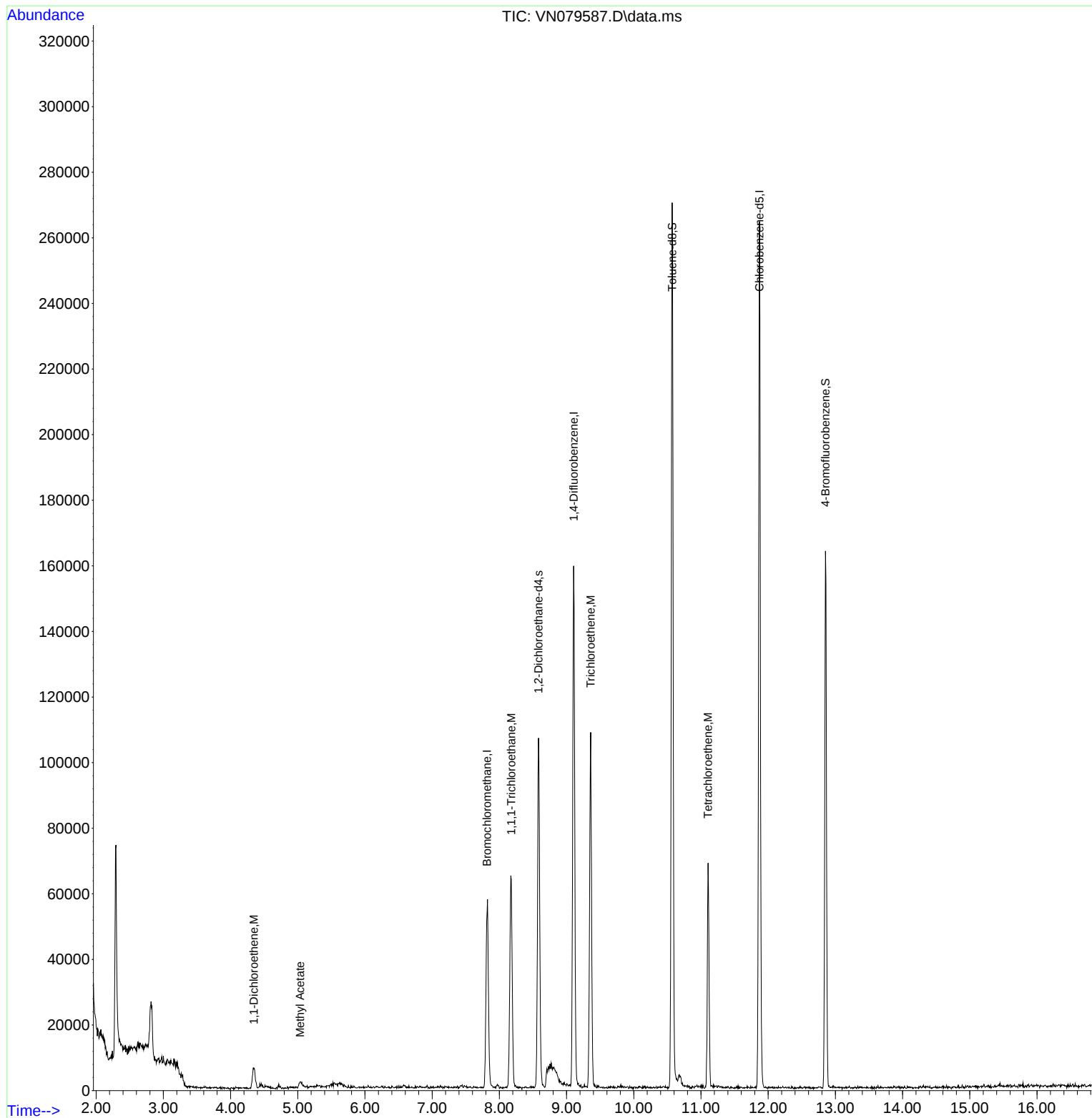
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
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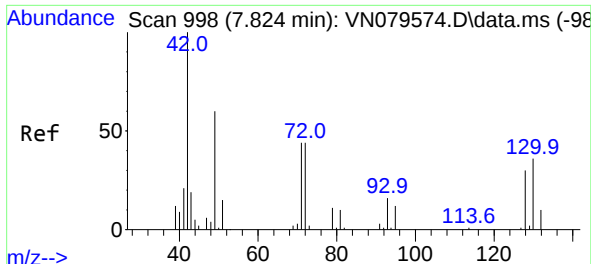
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
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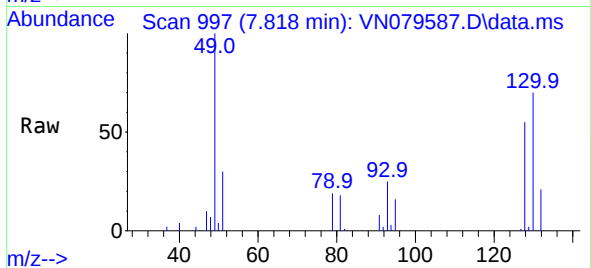
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN079587.D
Acq: 17 Oct 2023 17:33

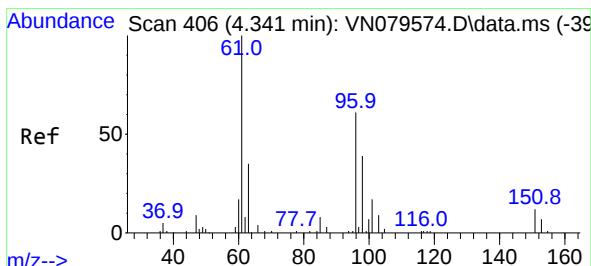
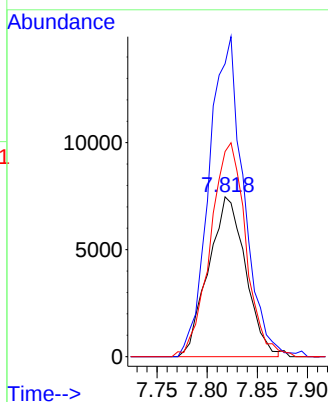
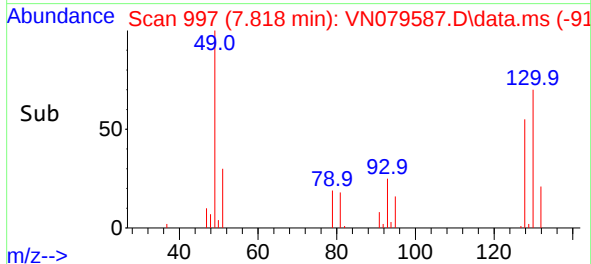
Instrument :
MSVOA_N
Client Sample Id :
MW-47S



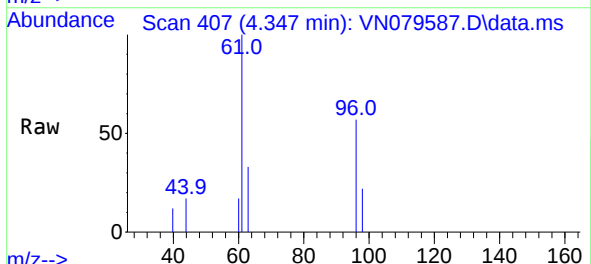
Tgt Ion: 128 Resp: 1919
Ion Ratio Lower Upper
128 100
49 186.2 0.0 468.5
130 128.2 0.0 320.7

Manual Integrations
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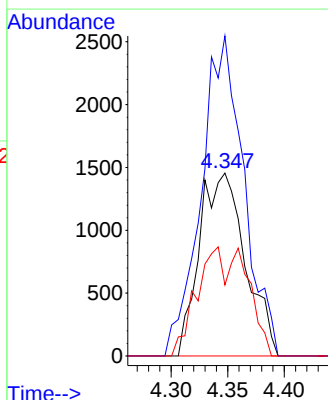
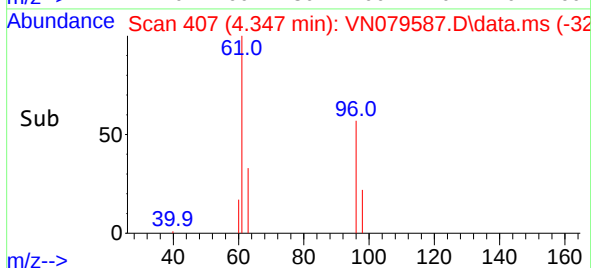
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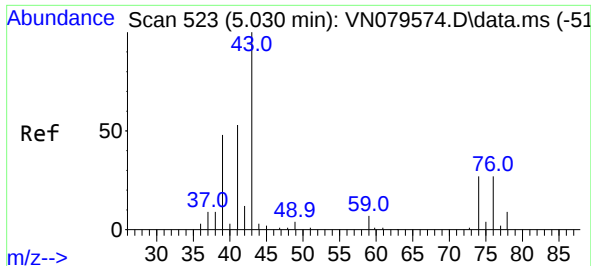


#10
1,1-Dichloroethene
Concen: 1.593 ug/l m
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN079587.D
Acq: 17 Oct 2023 17:33



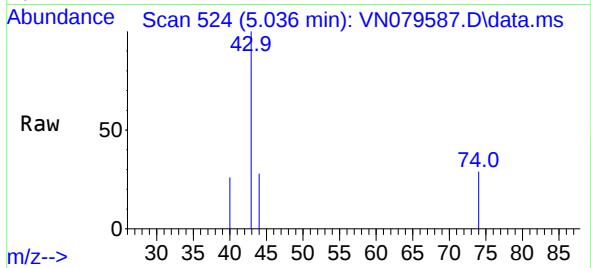
Tgt Ion: 96 Resp: 4120
Ion Ratio Lower Upper
96 100
61 175.0 141.3 211.9
98 38.9 53.2 79.8#





#12
Methyl Acetate
Concen: 0.649 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079587.D
Acq: 17 Oct 2023 17:33

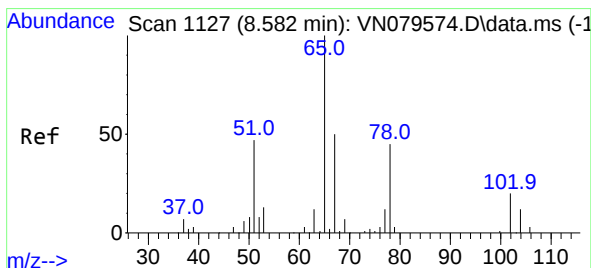
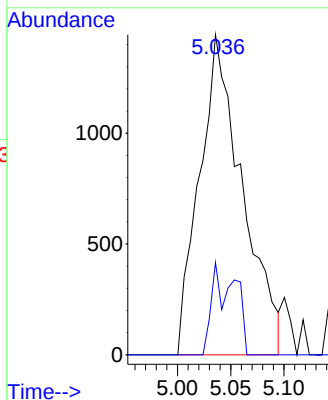
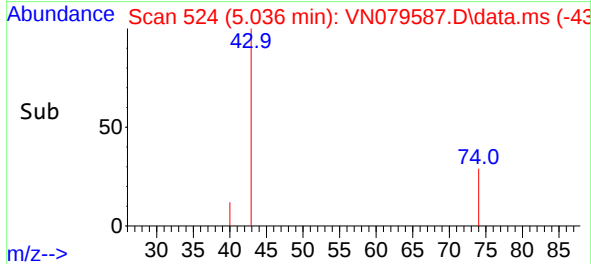
Instrument :
MSVOA_N
Client Sample Id :
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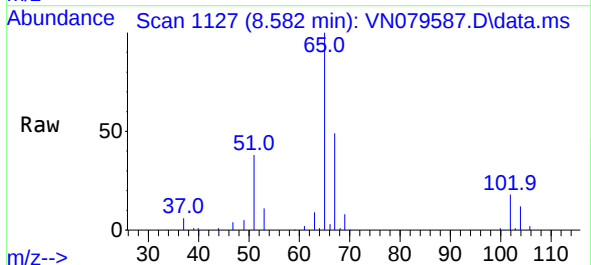
Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
74 30.9 18.1 27.1

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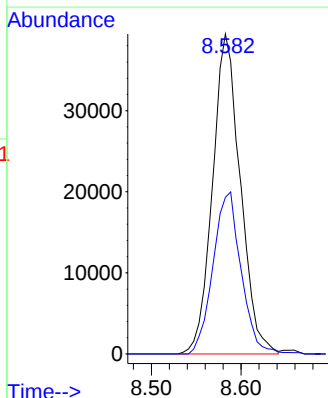
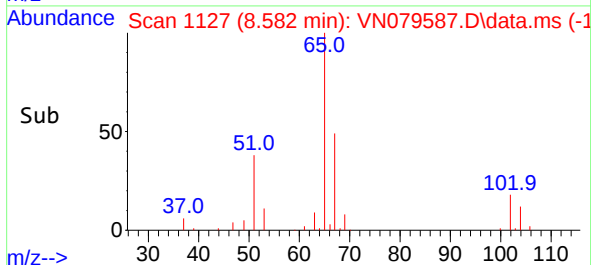
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

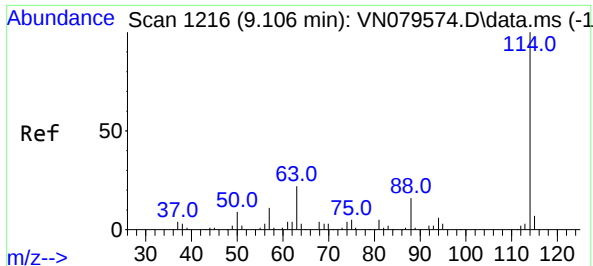


#27
1,2-Dichloroethane-d4
Concen: 31.059 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079587.D
Acq: 17 Oct 2023 17:33



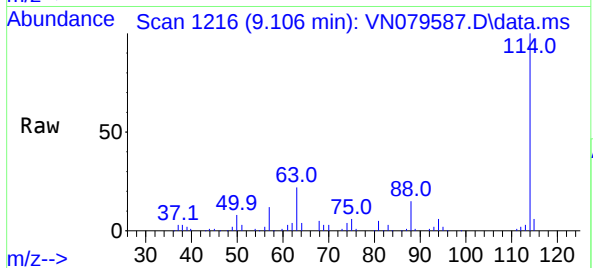
Tgt Ion: 65 Resp: 84781
Ion Ratio Lower Upper
65 100
67 51.2 42.1 63.1





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079587.D
Acq: 17 Oct 2023 17:33

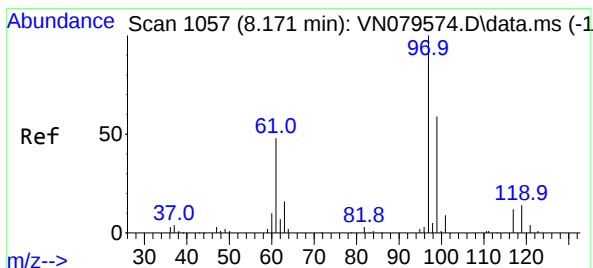
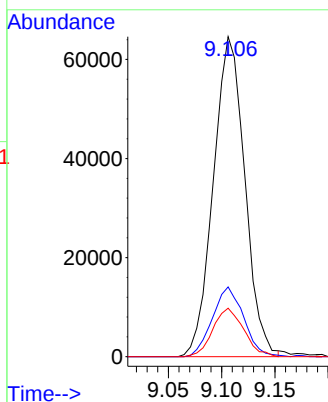
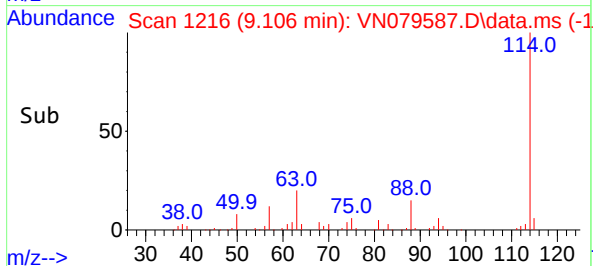
Instrument :
MSVOA_N
ClientSampleId :
MW-47S



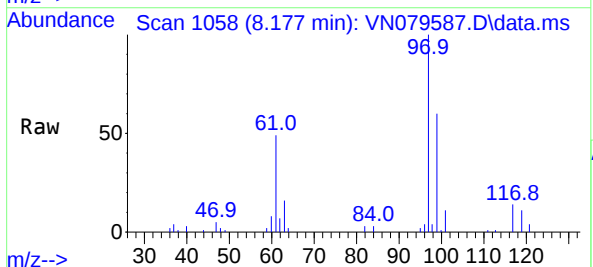
Tgt Ion:114 Resp: 132719
Ion Ratio Lower Upper
114 100
63 21.6 18.1 27.1
88 14.9 12.2 18.2

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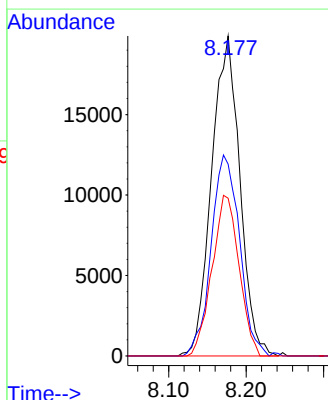
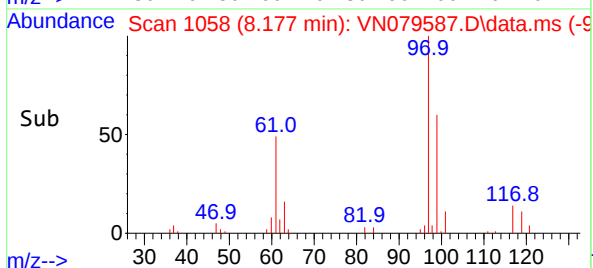
Reviewed By :John Carlone 10/18/2023
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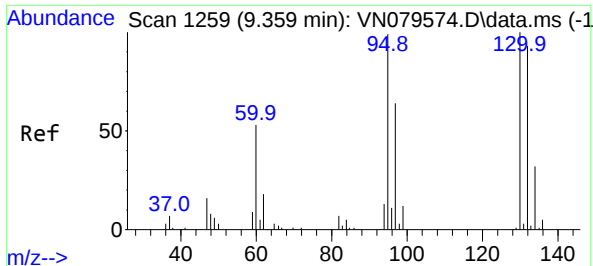


#32
1,1,1-Trichloroethane
Concen: 10.928 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN079587.D
Acq: 17 Oct 2023 17:33



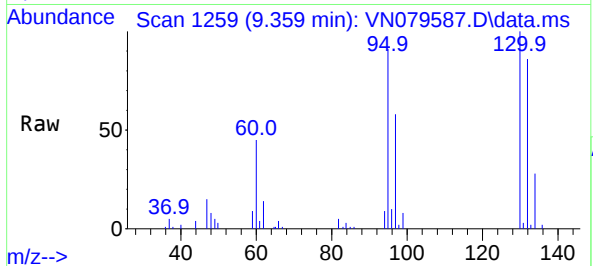
Tgt Ion: 97 Resp: 50378
Ion Ratio Lower Upper
97 100
99 63.1 51.9 77.9
61 48.0 37.6 56.4





#37
Trichloroethene
Concen: 14.127 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079587.D
Acq: 17 Oct 2023 17:33

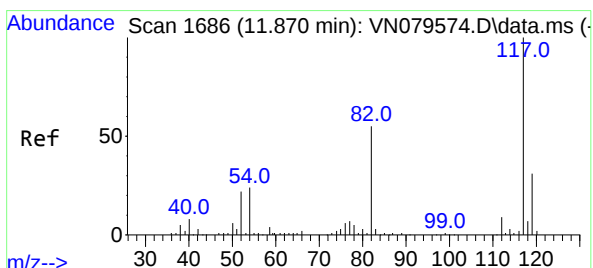
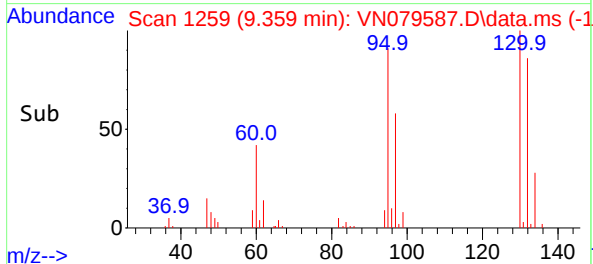
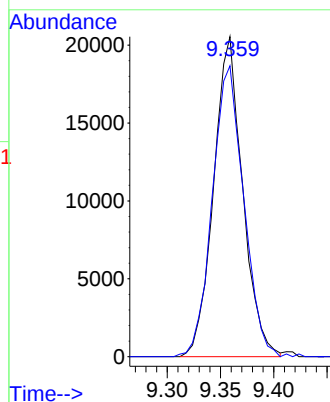
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Tgt Ion:130 Resp: 38912
Ion Ratio Lower Upper
130 100
95 90.9 81.2 121.8

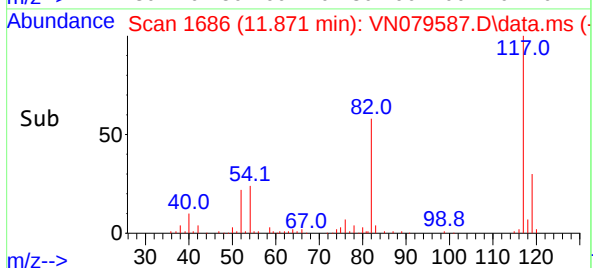
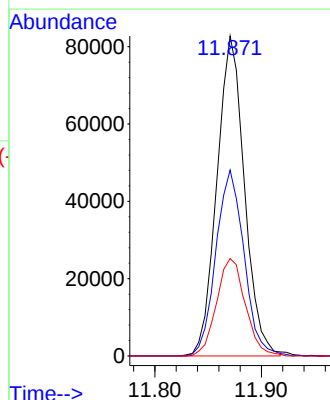
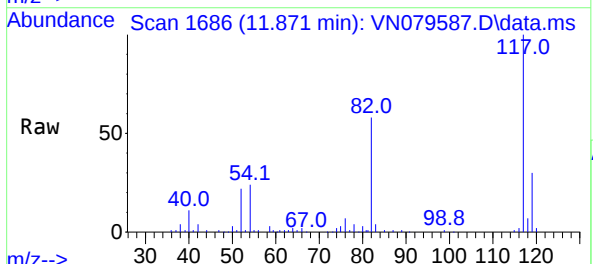
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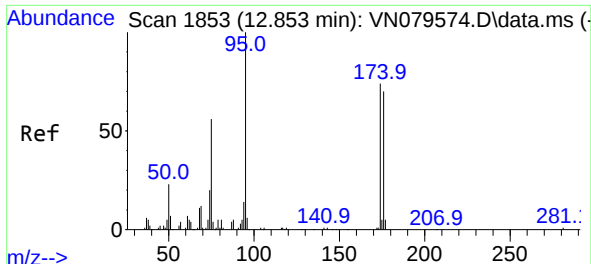
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079587.D
Acq: 17 Oct 2023 17:33

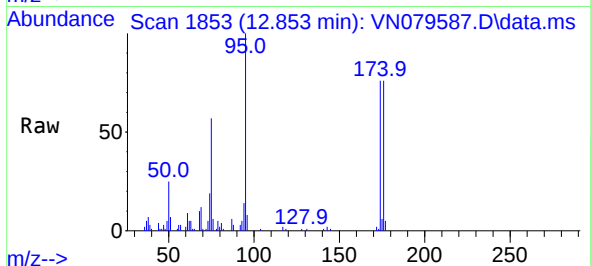
Tgt Ion:117 Resp: 148690
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.2
119 31.7 25.2 37.8





#60
4-Bromofluorobenzene
Concen: 20.552 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079587.D
Acq: 17 Oct 2023 17:33

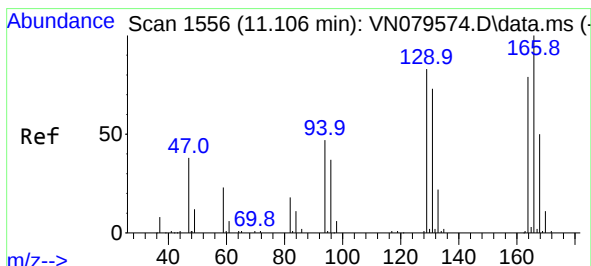
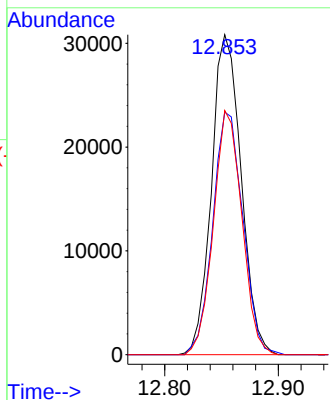
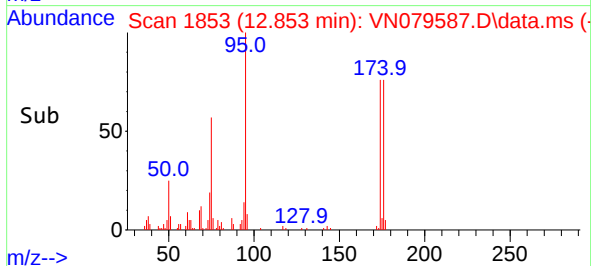
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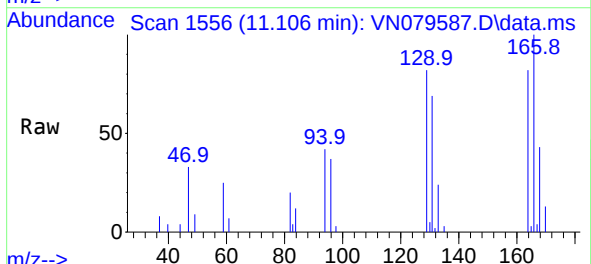
Tgt Ion: 95 Resp: 5588
Ion Ratio Lower Upper
95 100
174 76.9 60.5 90.7
176 73.4 57.2 85.8

Manual Integrations
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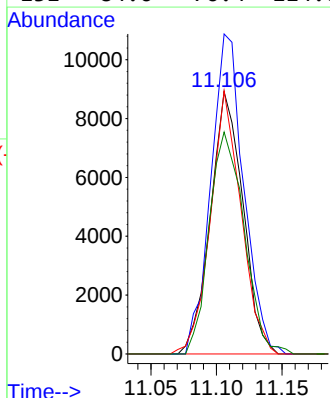
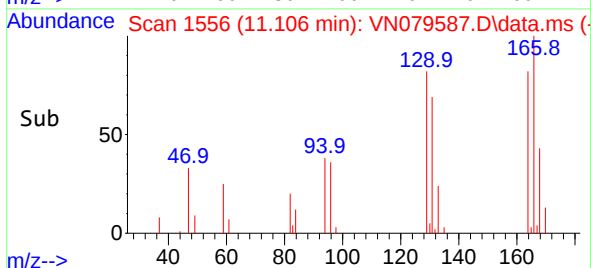
Reviewed By :John Carlone 10/18/2023
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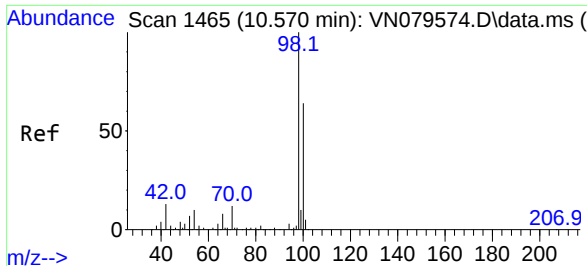


#61
Tetrachloroethene
Concen: 7.505 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079587.D
Acq: 17 Oct 2023 17:33



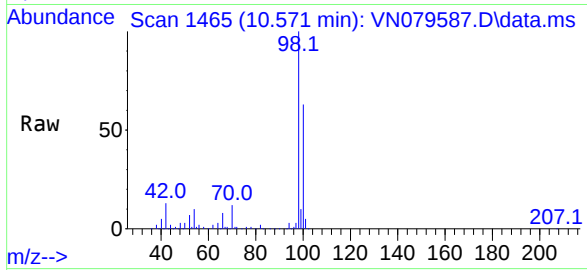
Tgt Ion:164 Resp: 15322
Ion Ratio Lower Upper
164 100
166 122.0 98.2 147.4
129 100.3 75.0 112.4
131 84.6 76.4 114.6





#63
Toluene-d8
Concen: 29.464 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079587.D
Acq: 17 Oct 2023 17:33

Instrument :
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ClientSampleId :
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Tgt Ion: 98 Resp: 187728
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4

Manual Integrations
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