

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN080017.D
 Acq On : 09 Nov 2023 01:53
 Operator : JC\MD
 Sample : 05282-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 YORK-20231106

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2023
 Supervised By : Semsettin Yesilyurt 11/09/2023

Quant Time: Nov 09 04:33:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	67182	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	306110	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	294129	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	170503	30.234	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.767%			
60) 4-Bromofluorobenzene	12.853	95	112351	23.886	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 79.633%			
63) Toluene-d8	10.571	98	392922	28.194	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 93.967%			
Target Compounds						
25) Chloroform	7.971	83	16089	1.849	ug/l	95
37) Trichloroethene	9.347	130	3255m	0.867	ug/l	
61) Tetrachloroethene	11.106	164	24740	7.174	ug/l	97

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

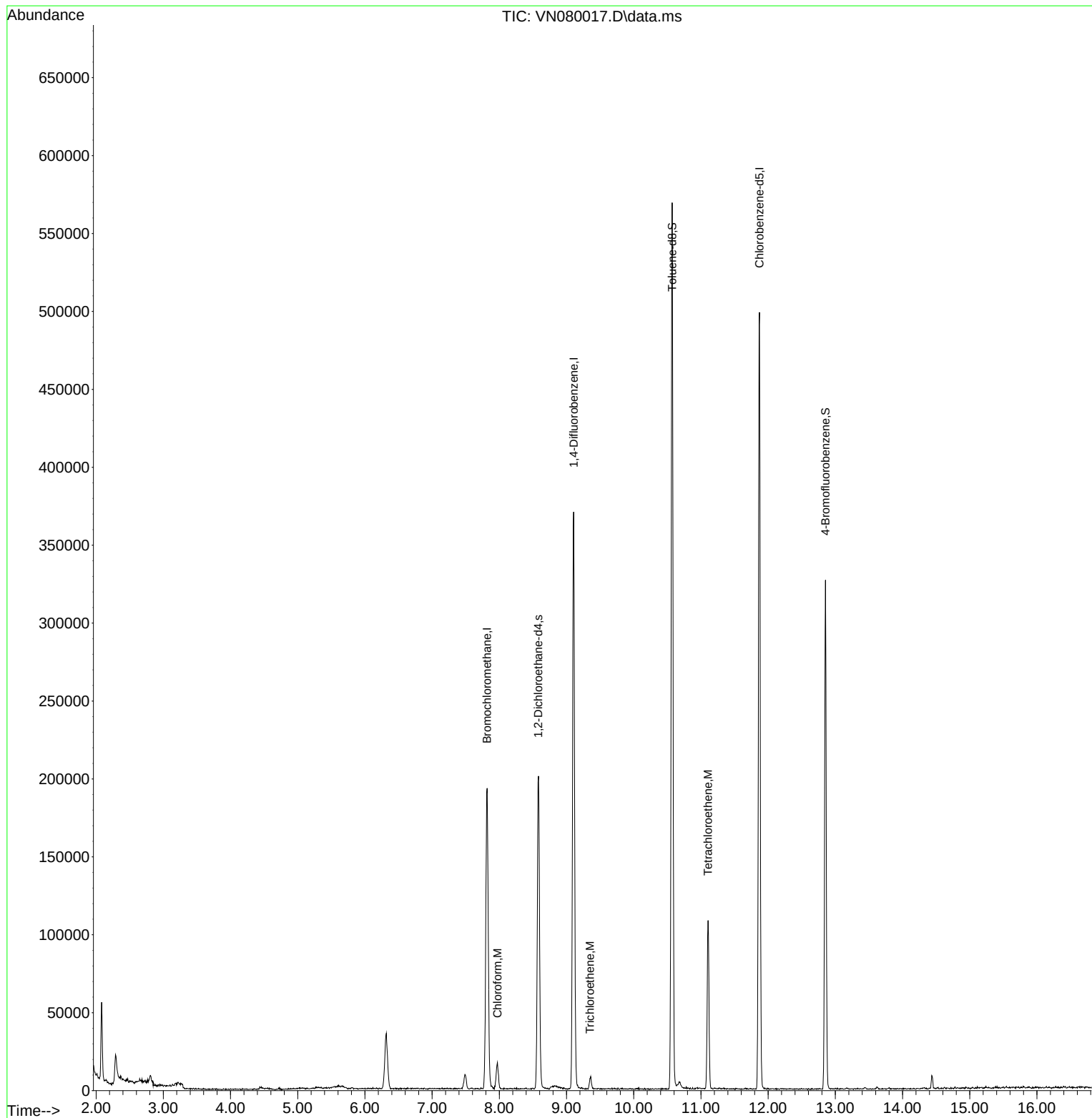
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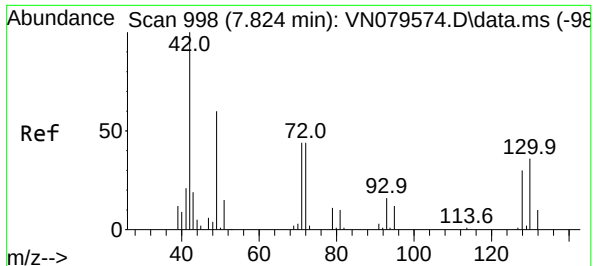
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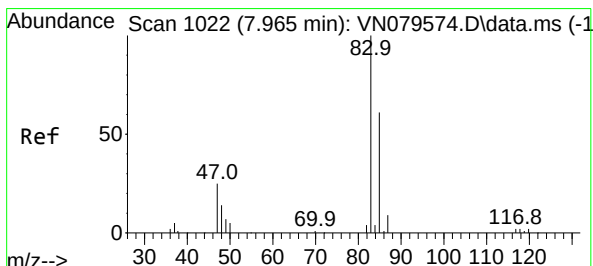
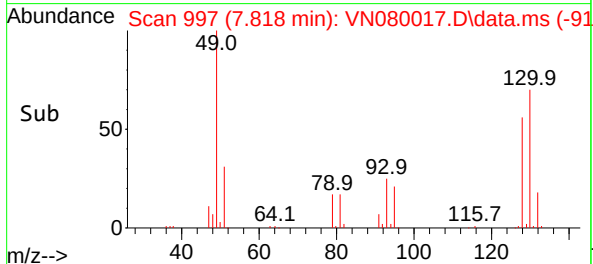
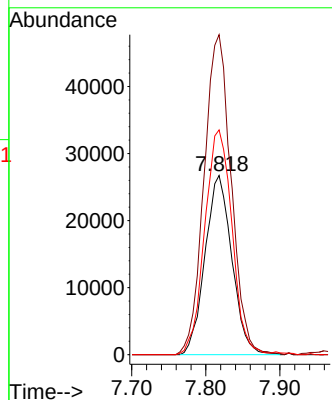
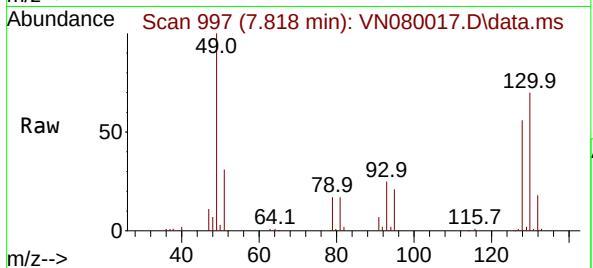
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN080017.D
Acq: 09 Nov 2023 01:53

Instrument :
MSVOA_N
ClientSampleId :
YORK-20231106

Tgt Ion:128 Resp: 6718
Ion Ratio Lower Upper
128 100
49 180.6 0.0 468.5
130 127.5 0.0 320.7

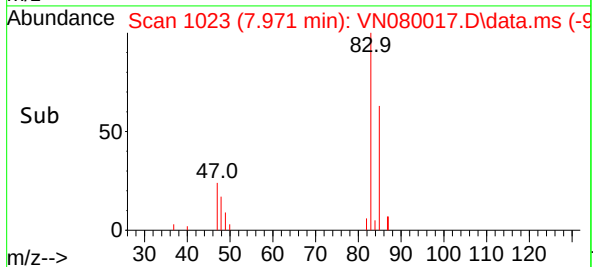
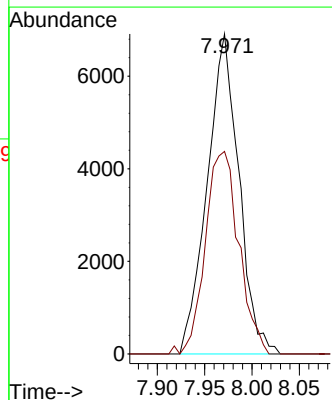
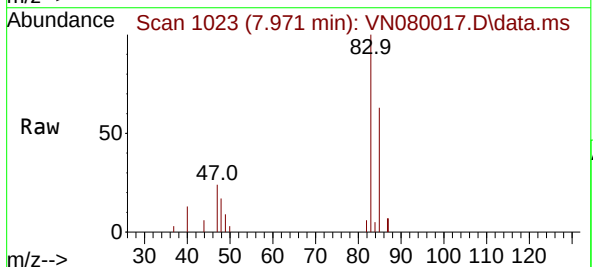
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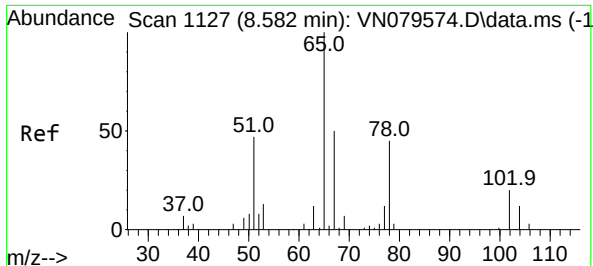
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#25
Chloroform
Concen: 1.849 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN080017.D
Acq: 09 Nov 2023 01:53

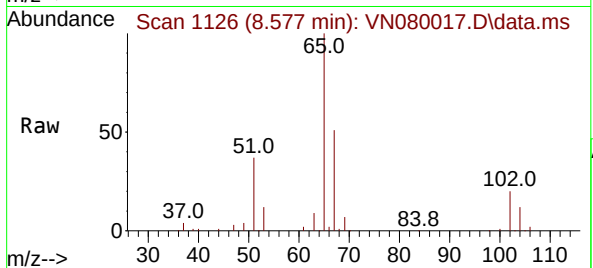
Tgt Ion: 83 Resp: 16089
Ion Ratio Lower Upper
83 100
85 63.3 47.4 71.2





#27
1,2-Dichloroethane-d4
Concen: 30.234 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN080017.D
Acq: 09 Nov 2023 01:53

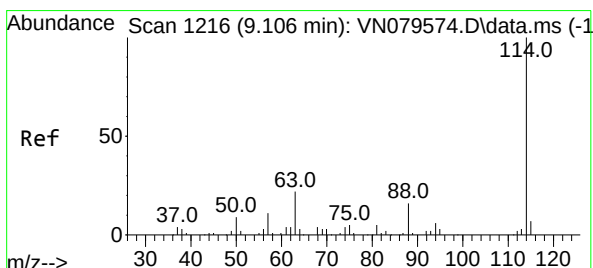
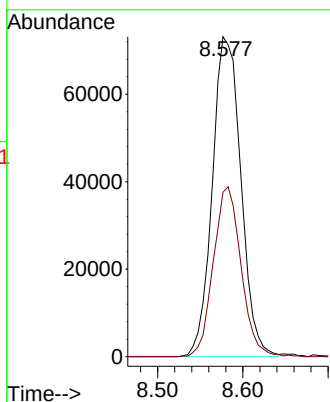
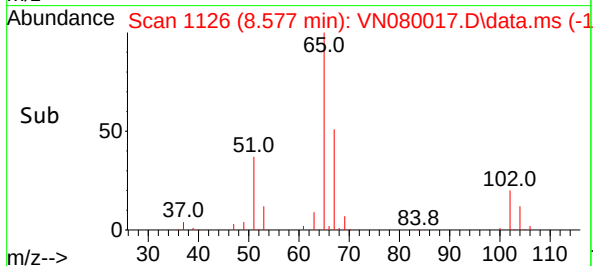
Instrument :
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ClientSampleId :
YORK-20231106



Tgt Ion: 65 Resp: 17050
Ion Ratio Lower Upper
65 100
67 51.4 42.1 63.1

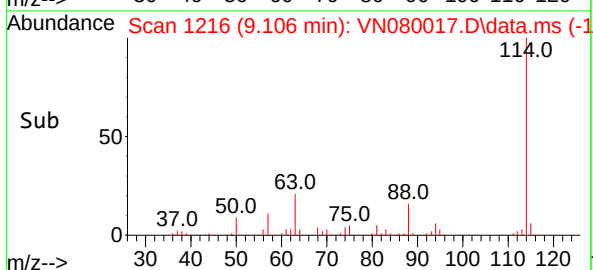
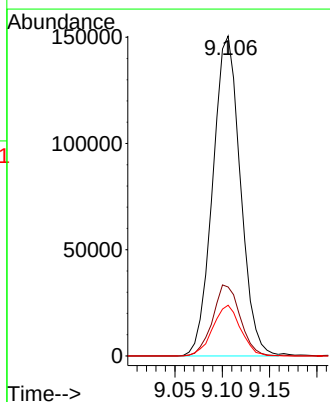
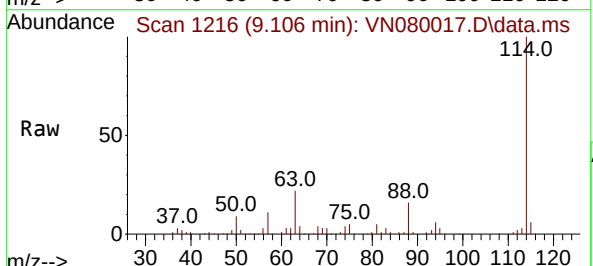
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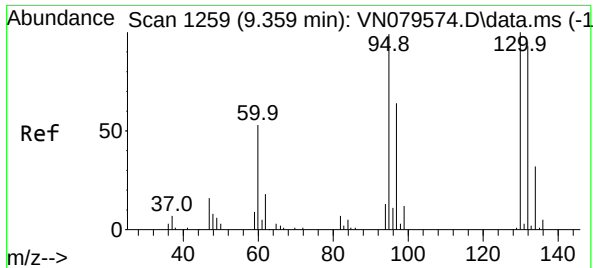
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN080017.D
Acq: 09 Nov 2023 01:53

Tgt Ion:114 Resp: 306110
Ion Ratio Lower Upper
114 100
63 22.1 18.1 27.1
88 15.9 12.2 18.2





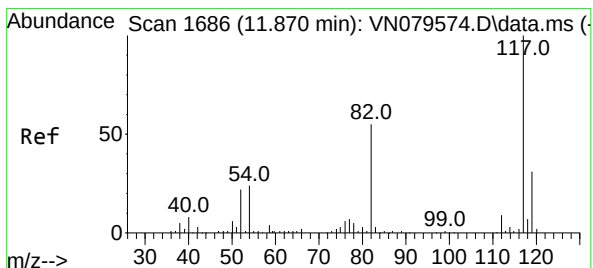
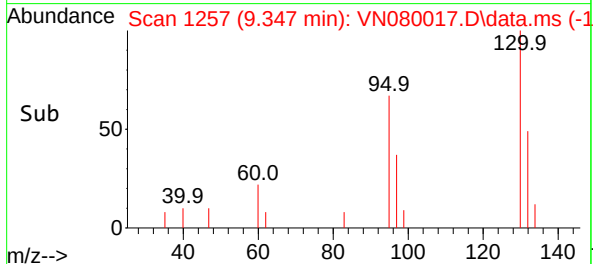
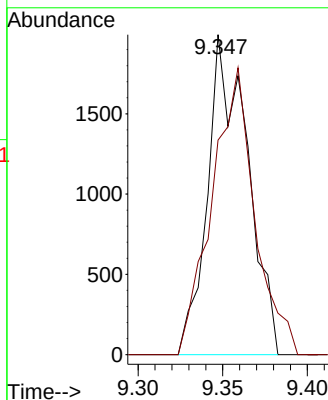
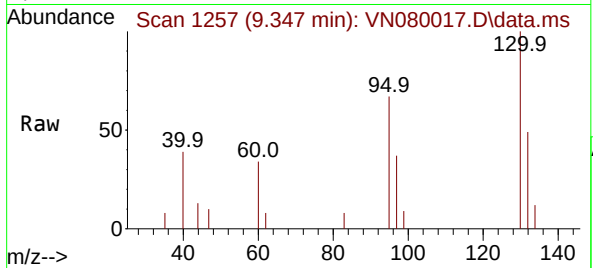
#37
Trichloroethene
Concen: 0.867 ug/l m
RT: 9.347 min Scan# 1257
Delta R.T. -0.012 min
Lab File: VN080017.D
Acq: 09 Nov 2023 01:53

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:130 Resp: 325
Ion Ratio Lower Upper
130 100
95 67.0 81.2 121.8

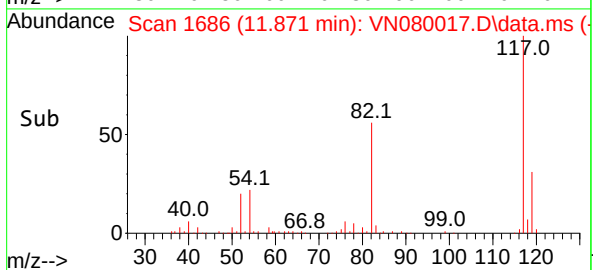
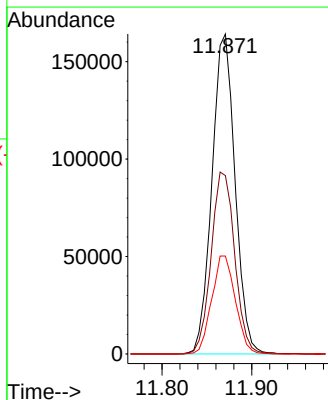
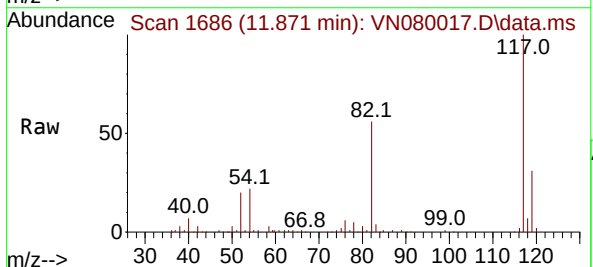
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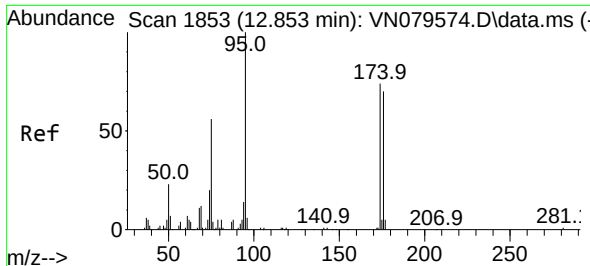
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN080017.D
Acq: 09 Nov 2023 01:53

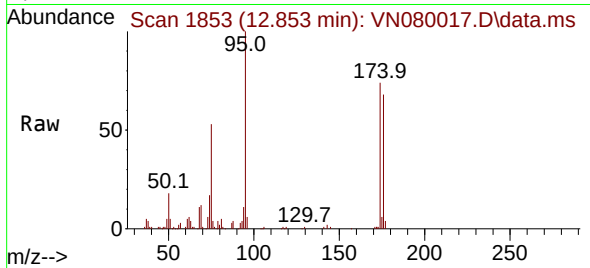
Tgt Ion:117 Resp: 294129
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.2
119 31.3 25.2 37.8





#60
4-Bromofluorobenzene
Concen: 23.886 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080017.D
Acq: 09 Nov 2023 01:53

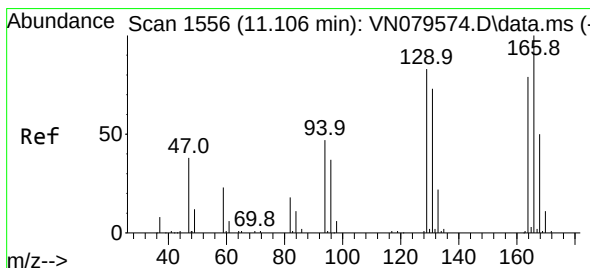
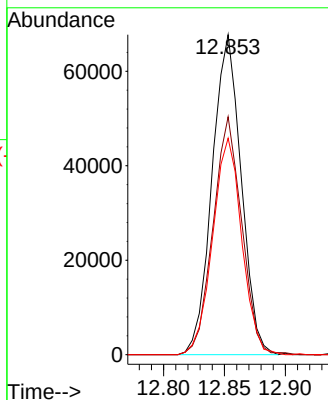
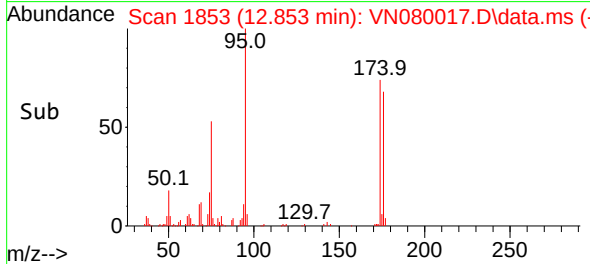
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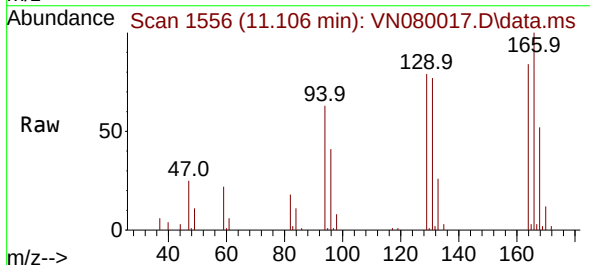
Tgt Ion: 95 Resp: 11235
Ion Ratio Lower Upper
95 100
174 72.9 60.5 90.7
176 67.9 57.2 85.8

Manual Integrations
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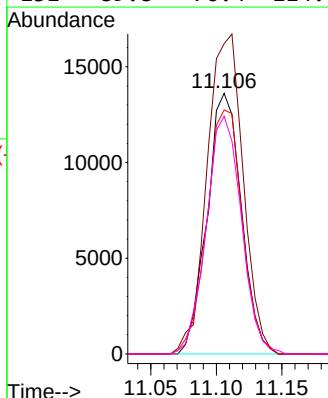
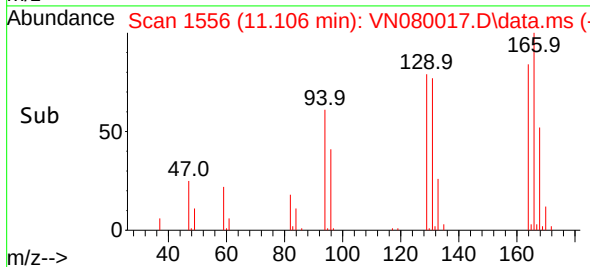
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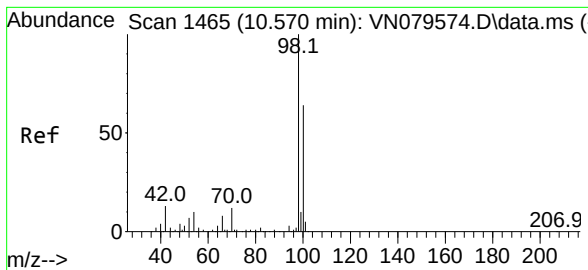


#61
Tetrachloroethene
Concen: 7.174 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080017.D
Acq: 09 Nov 2023 01:53



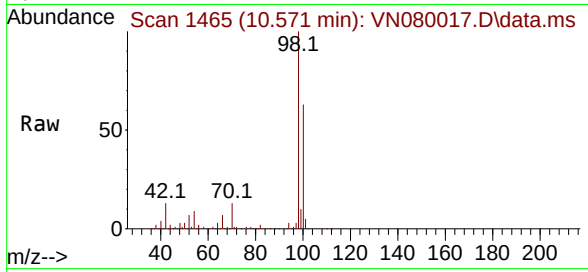
Tgt Ion:164 Resp: 24740
Ion Ratio Lower Upper
164 100
166 119.0 98.2 147.4
129 93.6 75.0 112.4
131 89.8 76.4 114.6





#63
Toluene-d8
Concen: 28.194 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN080017.D
Acq: 09 Nov 2023 01:53

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Tgt Ion: 98 Resp: 392922
Ion Ratio Lower Upper
98 100
100 62.6 51.6 77.4

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