

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077723.D
 Acq On : 17 May 2023 18:54
 Operator : JC\MD
 Sample : 02831-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MP-7D

Quant Time: May 18 01:40:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

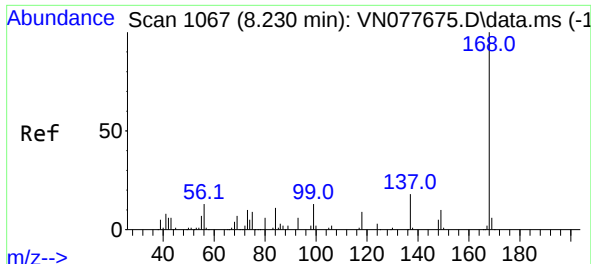
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	359856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	648000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	589382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	248621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	250443	46.513	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.020%		
35) Dibromofluoromethane	8.177	113	205231	48.569	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.140%		
50) Toluene-d8	10.570	98	814968	50.107	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.220%		
62) 4-Bromofluorobenzene	12.859	95	268852	46.804	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.600%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1573	Below Cal	#	63
13) Acrolein	4.206	56	116	Below Cal	#	48
20) Methylene Chloride	5.277	84	233	Below Cal	#	13
31) Cyclohexane	8.229	56	8177	1.117	ug/l #	6
36) 1,1-Dichloropropene	8.229	75	31564	5.107	ug/l #	48
38) Carbon Tetrachloride	8.229	117	38463	6.163	ug/l #	14
51) 4-Methyl-2-Pentanone	10.570	43	3423	0.640	ug/l #	1
60) Dibromochloromethane	11.112	129	13185	2.833	ug/l #	11
64) Tetrachloroethene	11.112	164	12158	2.950	ug/l	90
74) N-amyl acetate	12.570	43	2400	0.303	ug/l #	12
76) 1,2,3-Trichloropropane	12.853	75	144853	23.264	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	144853	74.365	ug/l #	15

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

Quant Time: May 18 01:40:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

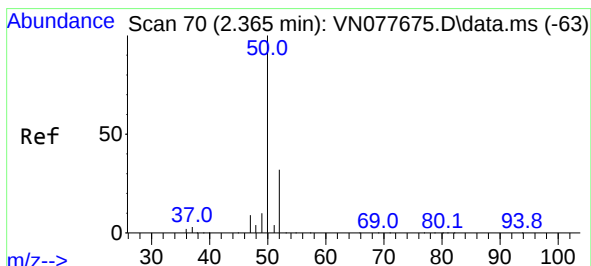
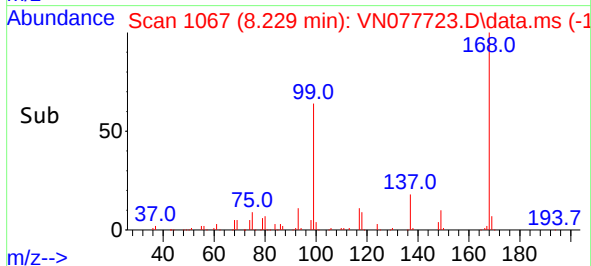
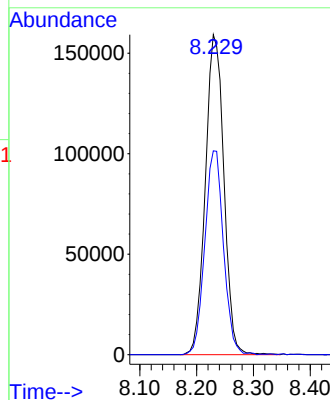
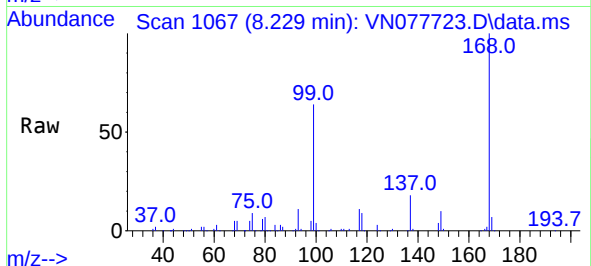




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

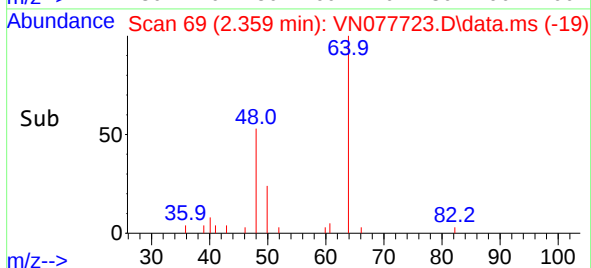
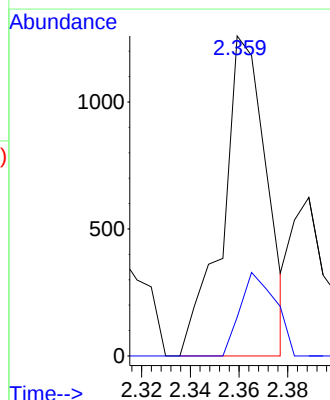
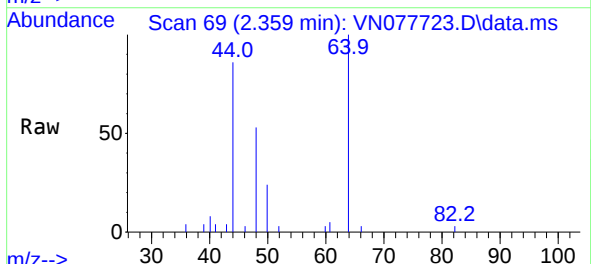
Instrument :
MSVOA_N
ClientSampleId :
MP-7D

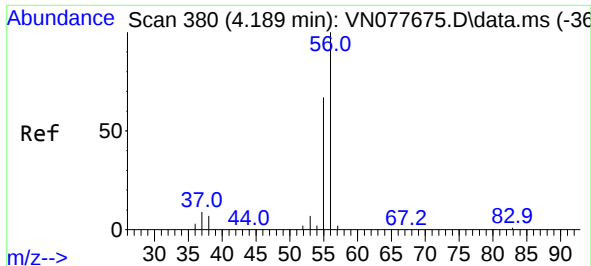
Tgt Ion:168 Resp: 359856
Ion Ratio Lower Upper
168 100
99 63.7 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

Tgt Ion: 50 Resp: 1573
Ion Ratio Lower Upper
50 100
52 12.1 26.5 39.7#





#13

Acrolein

Concen: Below Cal

RT: 4.206 min Scan# 383

Delta R.T. 0.017 min

Lab File: VN077723.D

Acq: 17 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

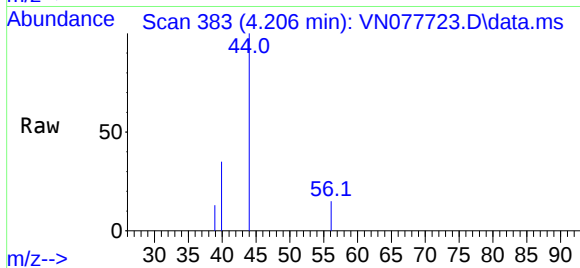
MP-7D

Tgt Ion: 56 Resp: 116

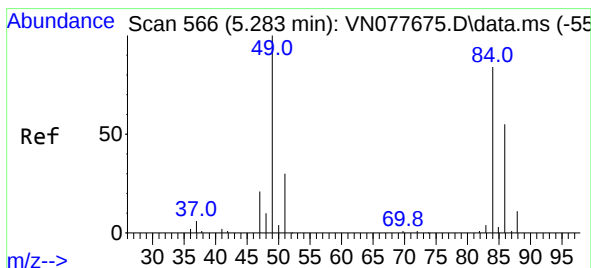
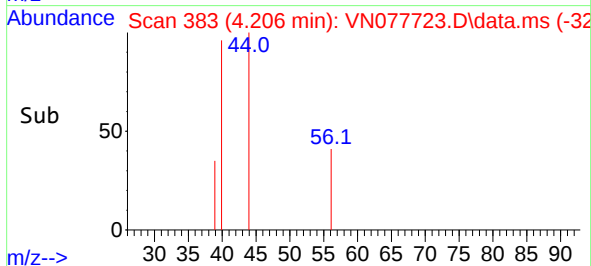
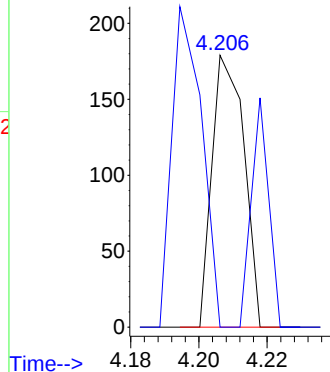
Ion Ratio Lower Upper

56 100

55 110.3 54.5 81.7#



Abundance



#20

Methylene Chloride

Concen: Below Cal

RT: 5.277 min Scan# 565

Delta R.T. -0.006 min

Lab File: VN077723.D

Acq: 17 May 2023 18:54

Tgt Ion: 84 Resp: 233

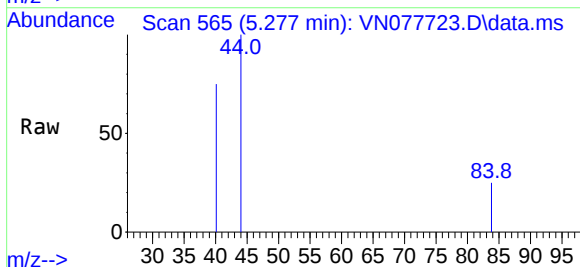
Ion Ratio Lower Upper

84 100

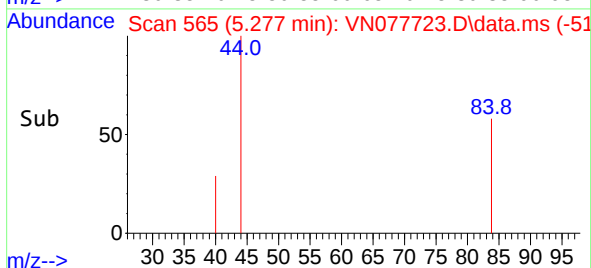
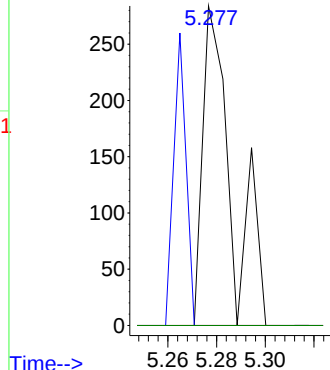
49 0.0 79.7 119.5#

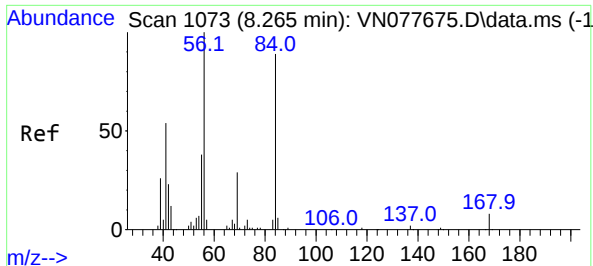
51 0.0 25.2 37.8#

86 0.0 53.3 79.9#



Abundance

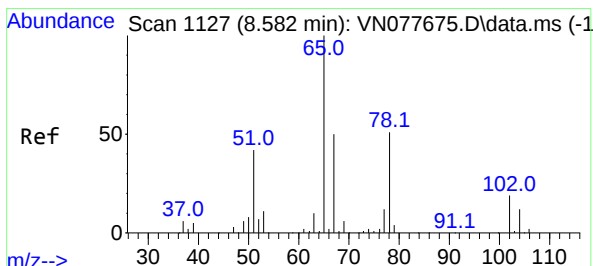
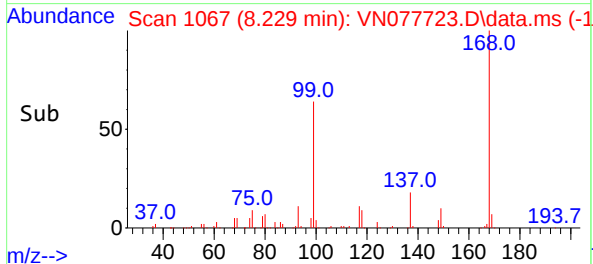
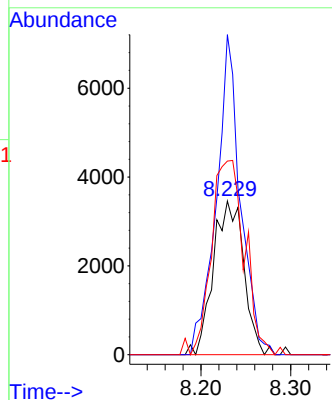
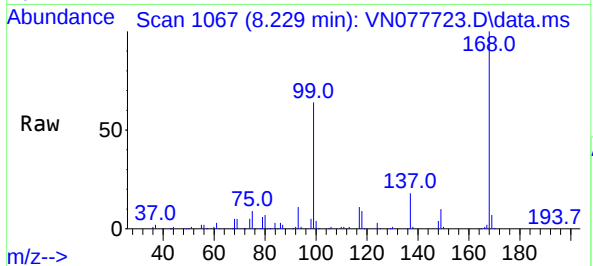




#31
Cyclohexane
Concen: 1.117 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

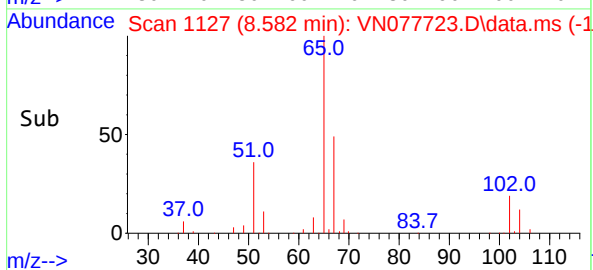
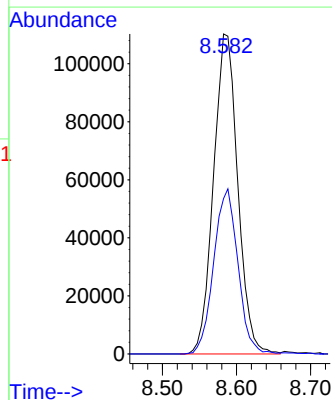
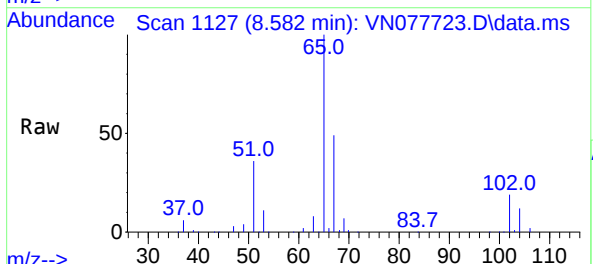
Instrument :
MSVOA_N
ClientSampleId :
MP-7D

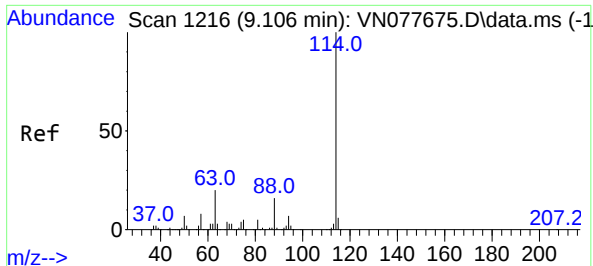
Tgt Ion: 56 Resp: 8177
Ion Ratio Lower Upper
56 100
69 208.3 26.8 40.2#
84 126.0 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 46.513 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

Tgt Ion: 65 Resp: 250443
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077723.D

Acq: 17 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

MP-7D

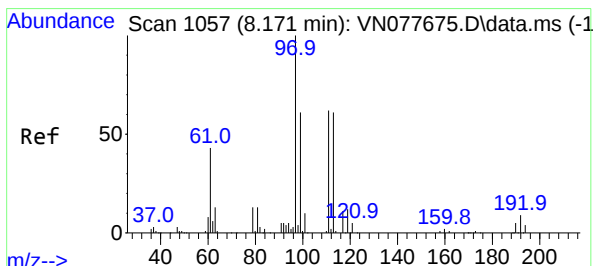
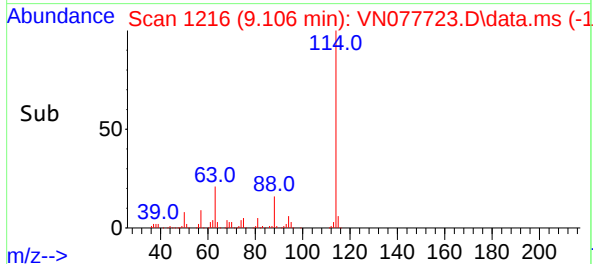
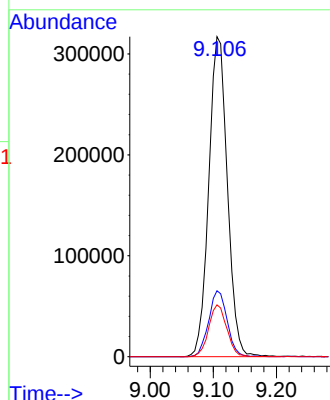
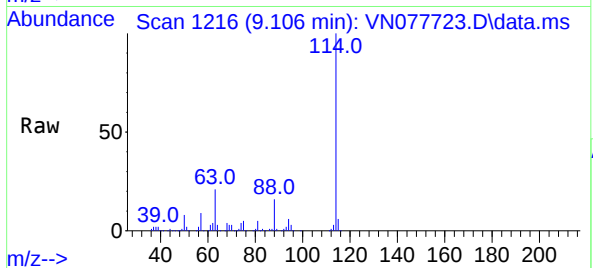
Tgt Ion:114 Resp: 648000

Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.569 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077723.D

Acq: 17 May 2023 18:54

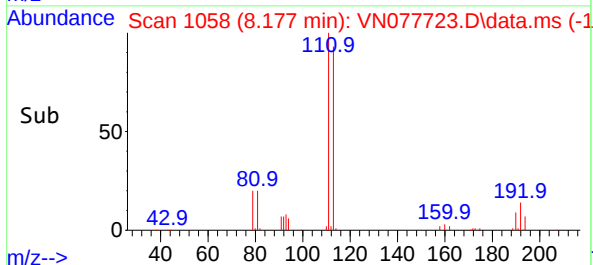
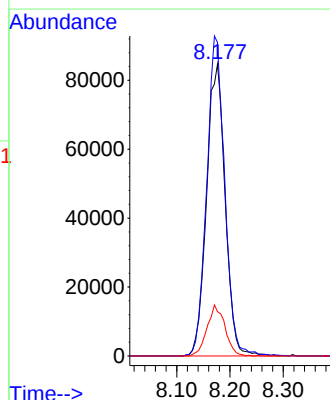
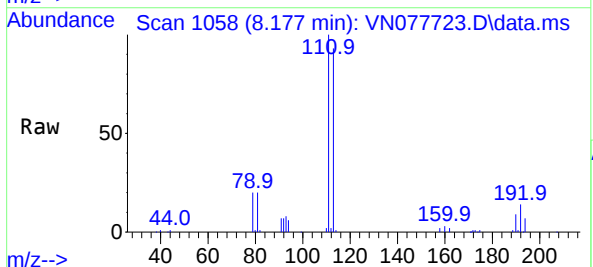
Tgt Ion:113 Resp: 205231

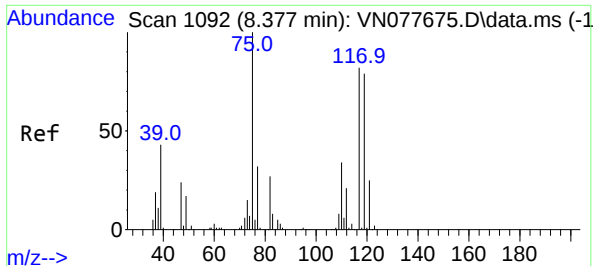
Ion Ratio Lower Upper

113 100

111 106.3 82.6 123.8

192 16.8 12.7 19.1

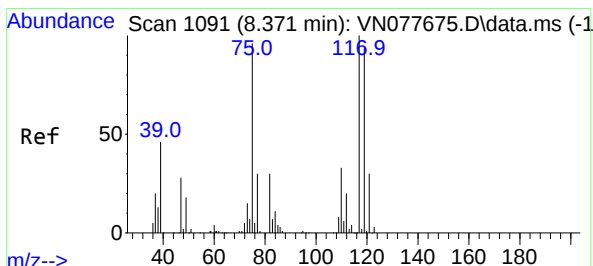
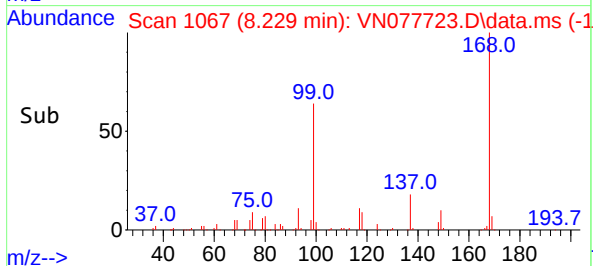
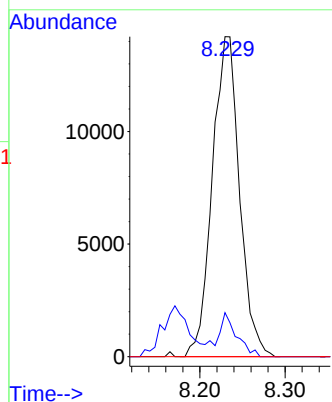
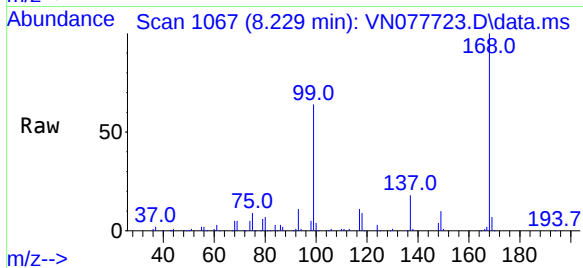




#36
1,1-Dichloropropene
Concen: 5.107 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.148 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

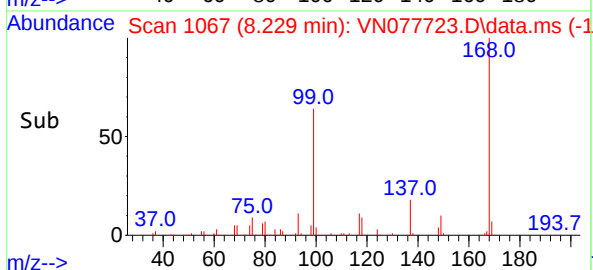
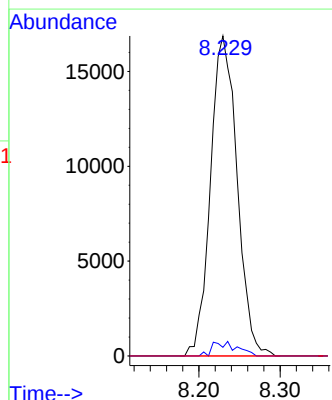
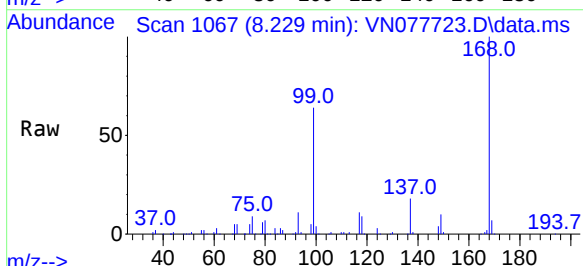
Instrument :
MSVOA_N
ClientSampleId :
MP-7D

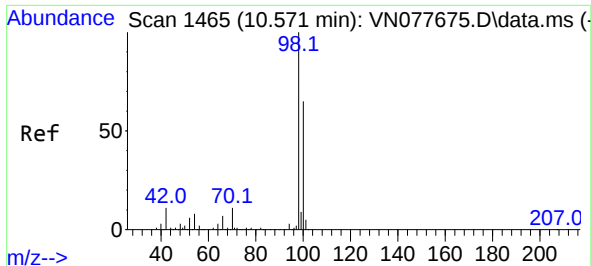
Tgt Ion: 75 Resp: 31564
Ion Ratio Lower Upper
75 100
110 9.5 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.163 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.142 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

Tgt Ion: 117 Resp: 38463
Ion Ratio Lower Upper
117 100
119 2.7 77.3 115.9#
121 0.0 23.3 34.9#

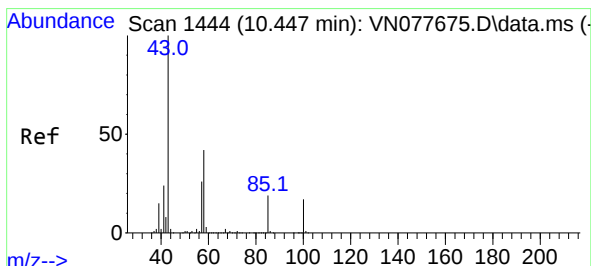
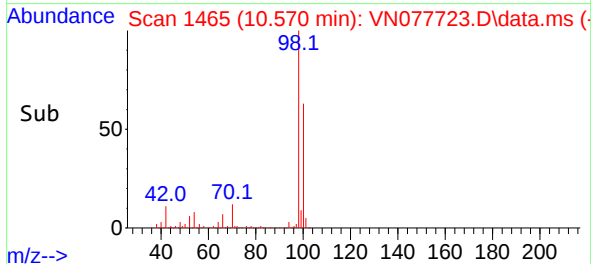
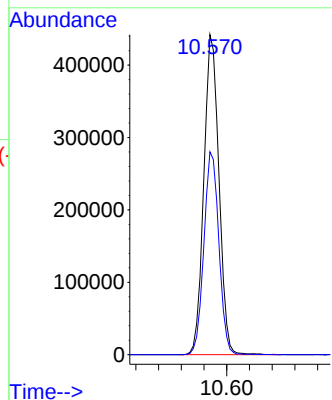
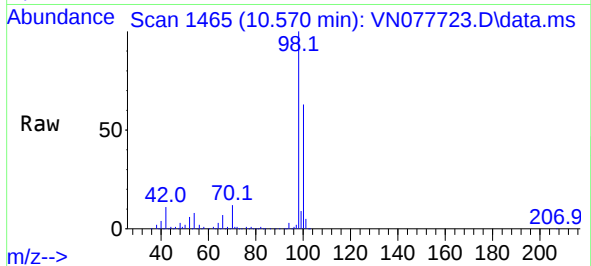




#50
Toluene-d8
Concen: 50.107 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

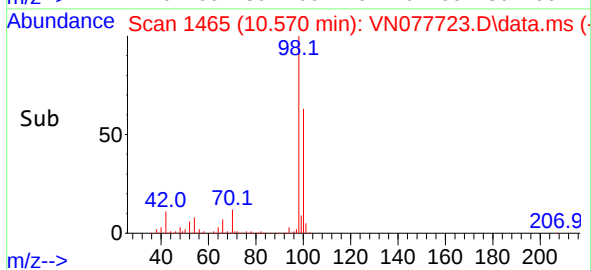
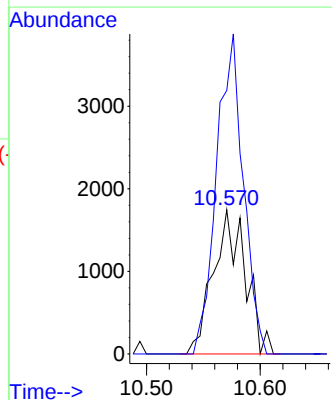
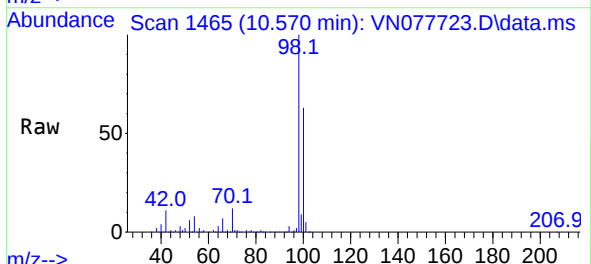
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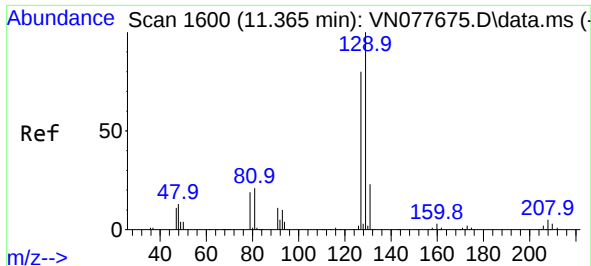
Tgt Ion: 98 Resp: 814968
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.640 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

Tgt Ion: 43 Resp: 3423
Ion Ratio Lower Upper
43 100
58 185.3 36.6 54.8#

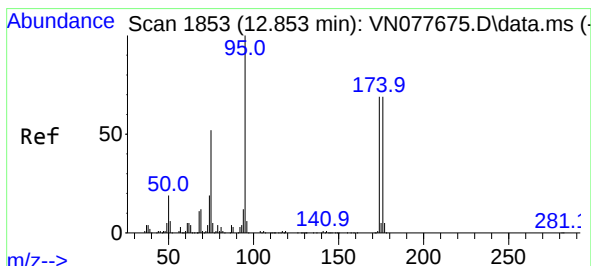
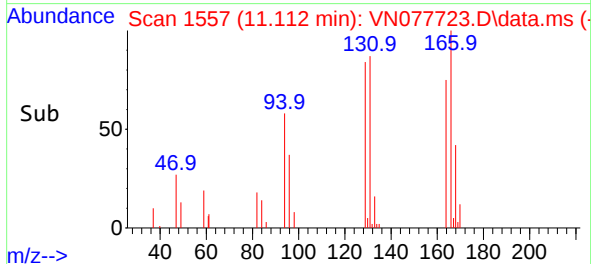
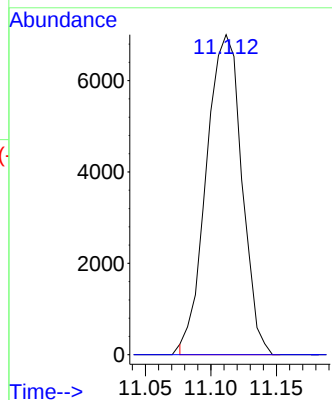
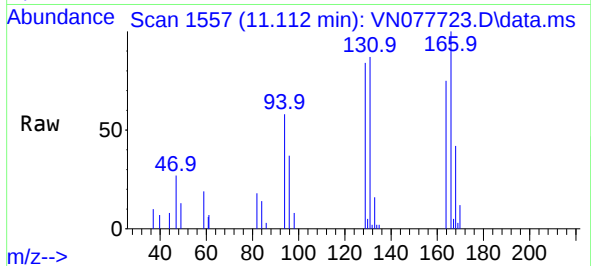




#60
Dibromochloromethane
Concen: 2.833 ug/l
RT: 11.112 min Scan# 1111
Delta R.T. -0.253 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

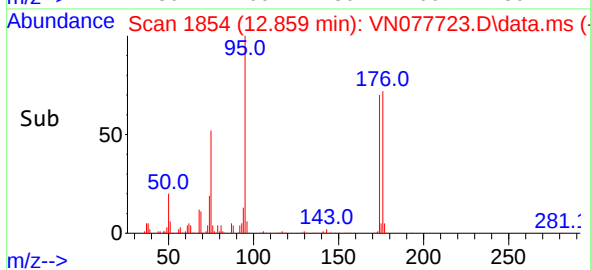
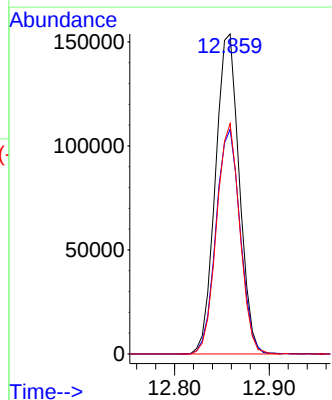
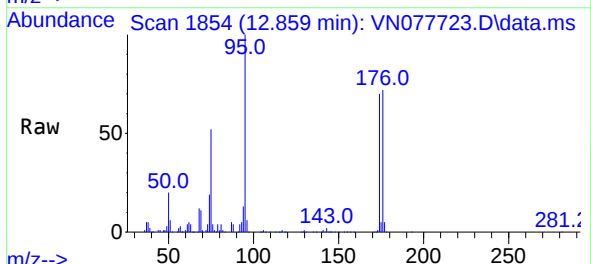
Instrument :
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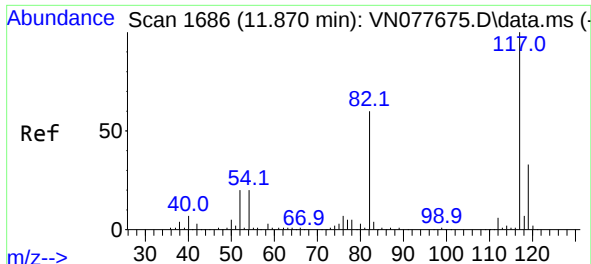
Tgt Ion:129 Resp: 13185
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 46.804 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

Tgt Ion: 95 Resp: 268852
Ion Ratio Lower Upper
95 100
174 71.3 0.0 143.8
176 70.1 0.0 135.8

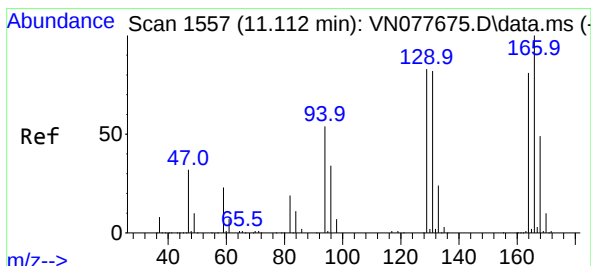
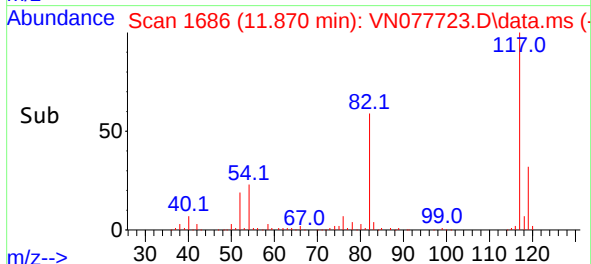
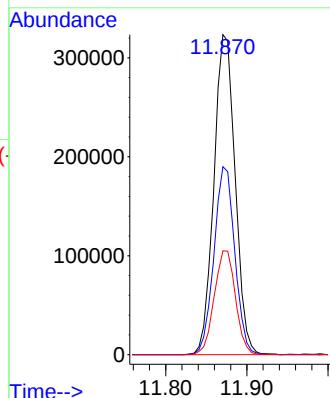
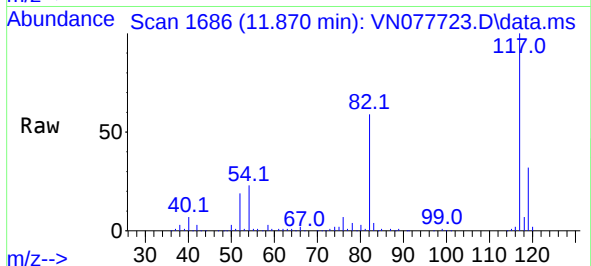




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

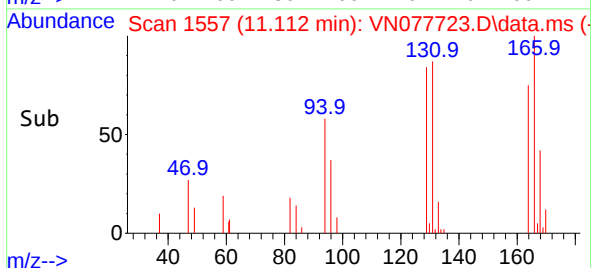
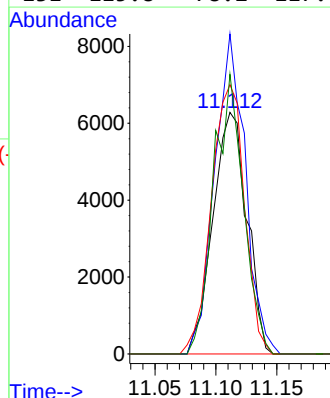
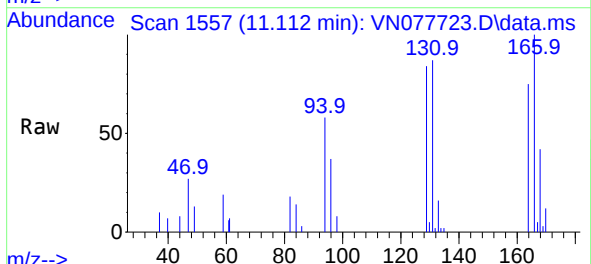
Instrument :
MSVOA_N
ClientSampleId :
MP-7D

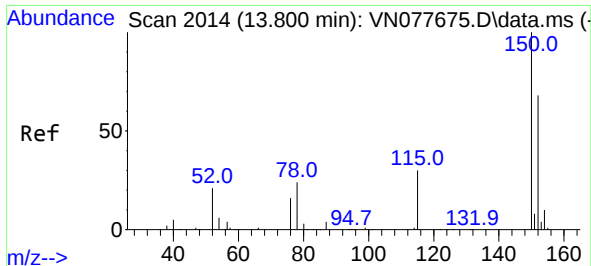
Tgt Ion:117 Resp: 589382
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 2.950 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

Tgt Ion:164 Resp: 12158
Ion Ratio Lower Upper
164 100
166 132.5 101.4 152.0
129 111.5 82.4 123.6
131 115.8 78.2 117.4

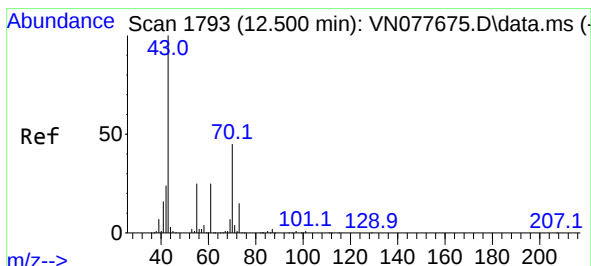
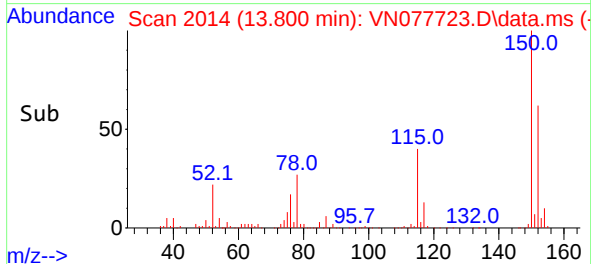
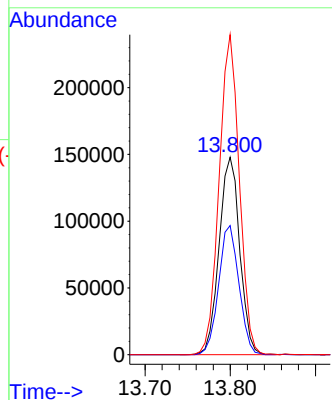
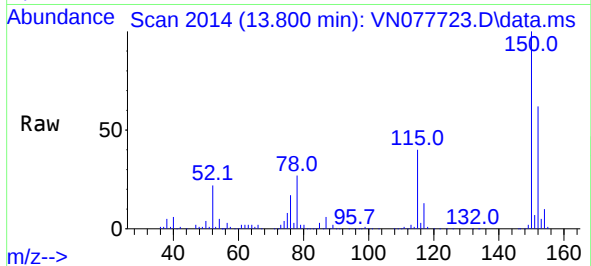




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

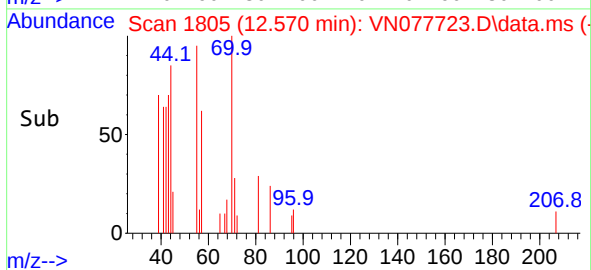
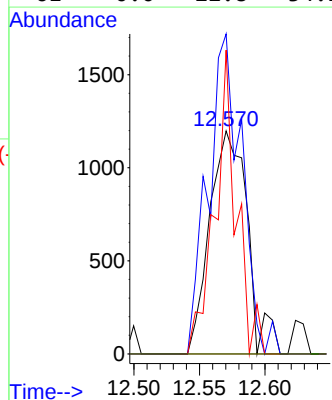
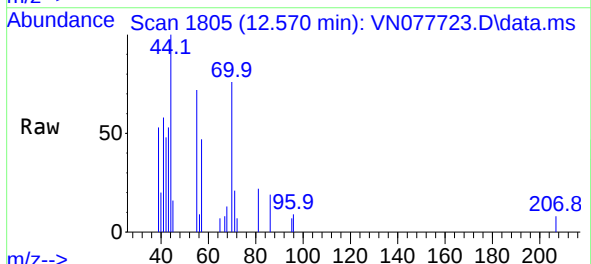
Instrument :
MSVOA_N
ClientSampleId :
MP-7D

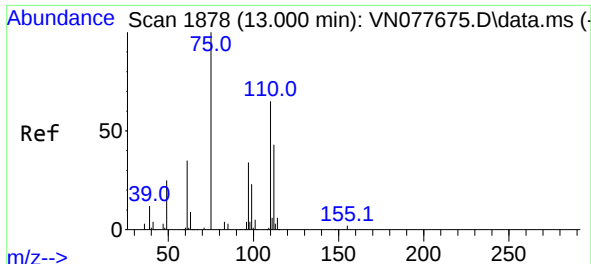
Tgt Ion:152 Resp: 248621
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 158.3 0.0 355.8



#74
N-ethyl acetate
Concen: 0.303 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. 0.070 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

Tgt Ion: 43 Resp: 2400
Ion Ratio Lower Upper
43 100
70 126.8 43.4 65.2#
55 77.3 21.4 32.0#
61 0.0 22.8 34.2#

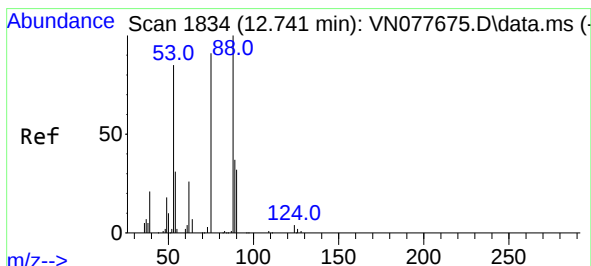
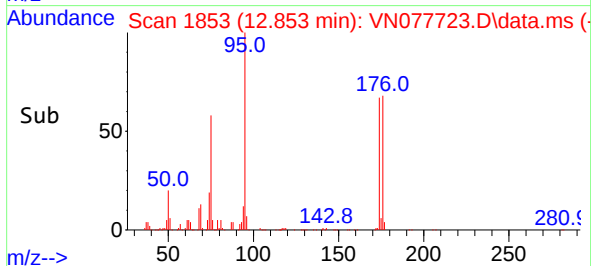
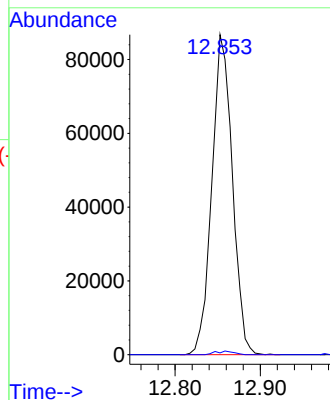
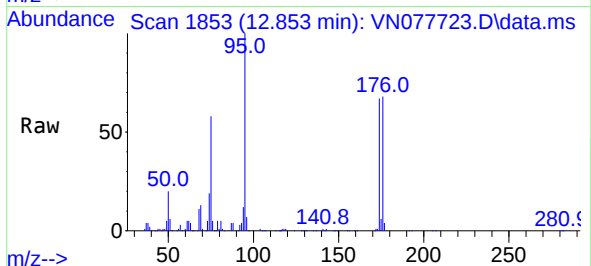




#76
1,2,3-Trichloropropane
Concen: 23.264 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
MP-7D

Tgt Ion: 75 Resp: 144853
Ion Ratio Lower Upper
75 100
77 1.0 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.365 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

Tgt Ion: 75 Resp: 144853
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

