

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077721.D
 Acq On : 17 May 2023 18:06
 Operator : JC\MD
 Sample : 02831-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MP-6

Quant Time: May 18 01:40:35 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)

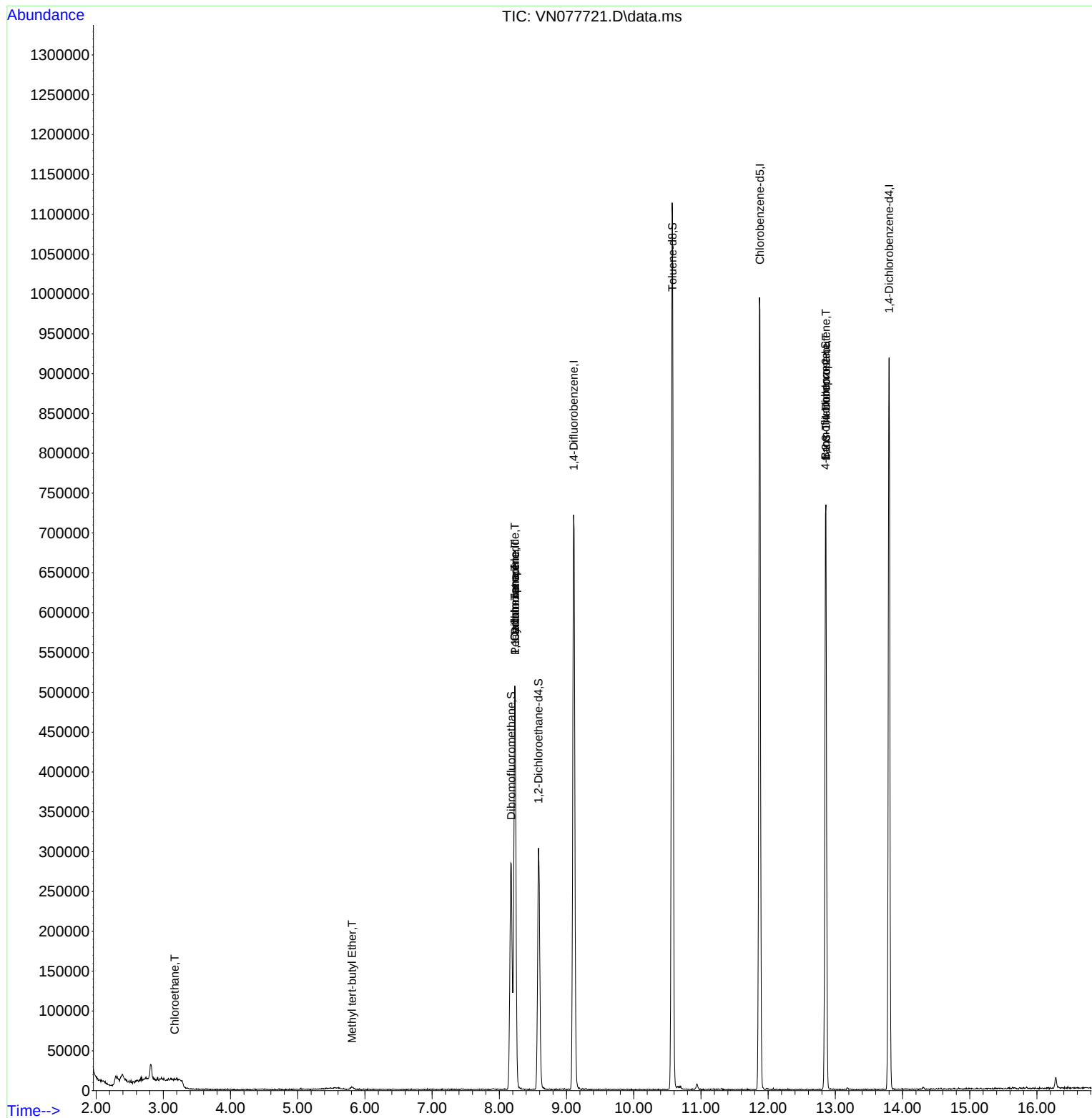
Internal Standards						
1) Pentafluorobenzene	8.236	168	354086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	651879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	581667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	239012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	255226	48.174	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.340%
35) Dibromofluoromethane	8.177	113	207352	48.779	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.560%
50) Toluene-d8	10.577	98	809683	49.486	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.853	95	263805	45.652	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.300%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1251	Below Cal	#	77
6) Chloroethane	3.171	64	937	0.256	ug/l #	43
13) Acrolein	4.177	56	197	Below Cal	#	16
19) Methyl tert-butyl Ether	5.806	73	3889	0.288	ug/l	95
31) Cyclohexane	8.230	56	9344	1.298	ug/l #	37
36) 1,1-Dichloropropene	8.236	75	31208	5.019	ug/l #	48
38) Carbon Tetrachloride	8.230	117	40135	6.393	ug/l #	15
76) 1,2,3-Trichloropropane	12.859	75	144829	24.196	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	144829	77.342	ug/l #	15

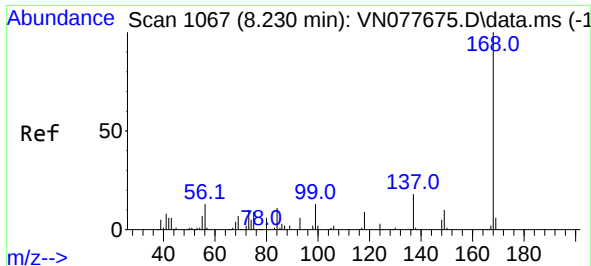
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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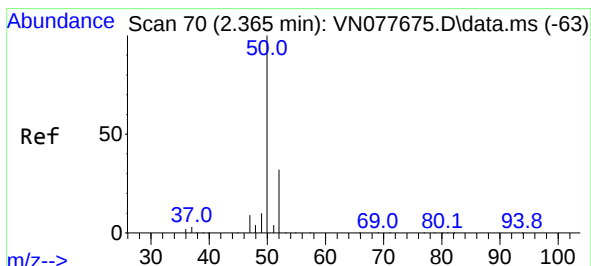
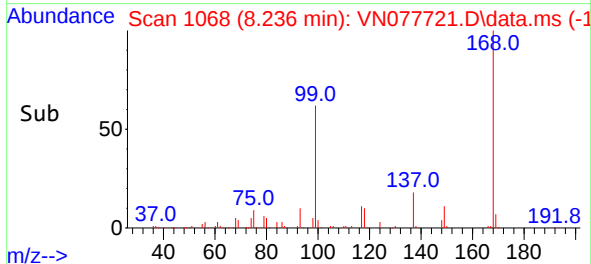
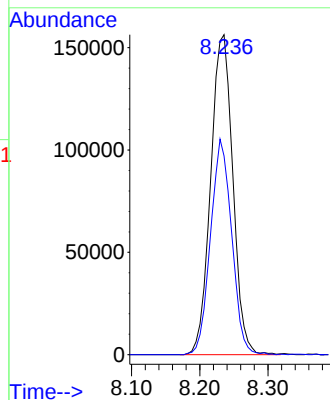
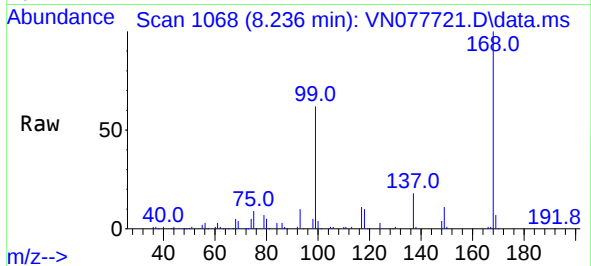




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

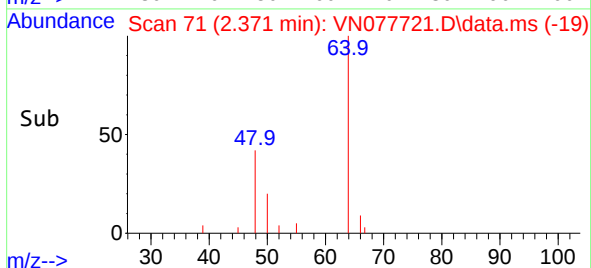
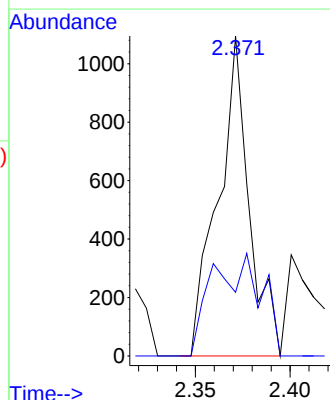
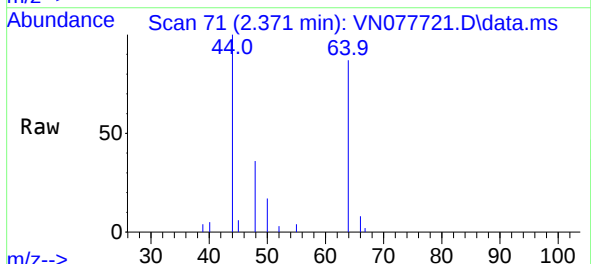
Instrument :
MSVOA_N
ClientSampleId :
MP-6

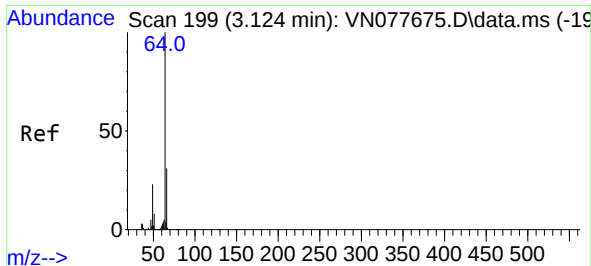
Tgt Ion:168 Resp: 354086
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

Tgt Ion: 50 Resp: 1251
Ion Ratio Lower Upper
50 100
52 19.9 26.5 39.7#

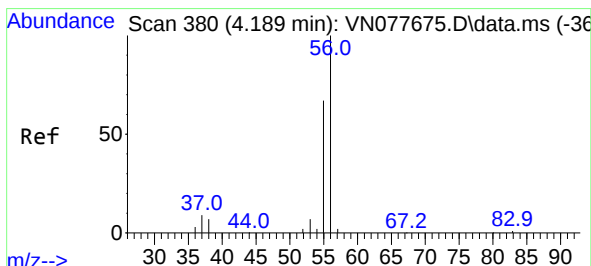
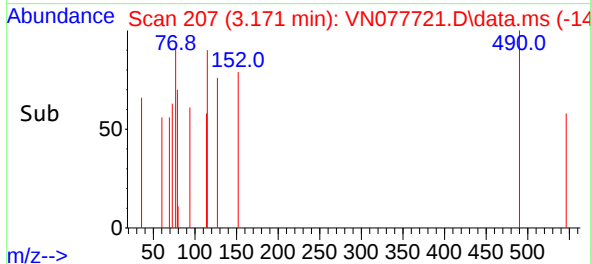
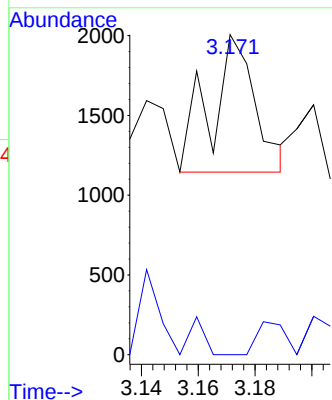
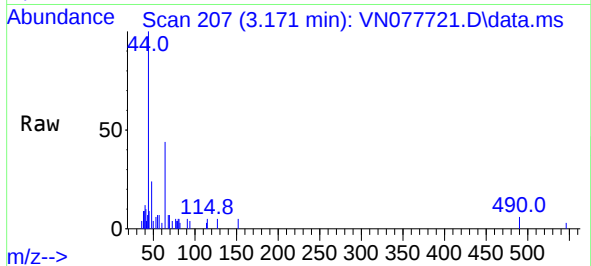




#6
Chloroethane
Concen: 0.256 ug/l
RT: 3.171 min Scan# 207
Delta R.T. 0.047 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

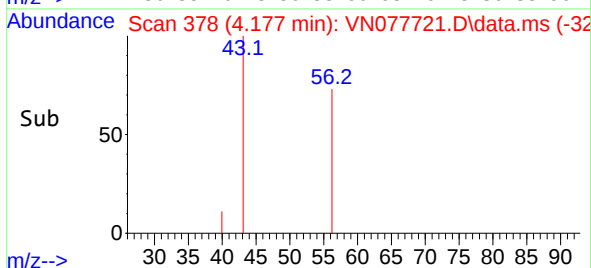
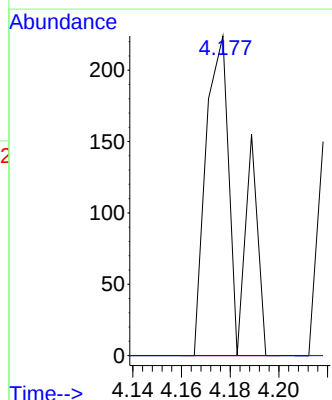
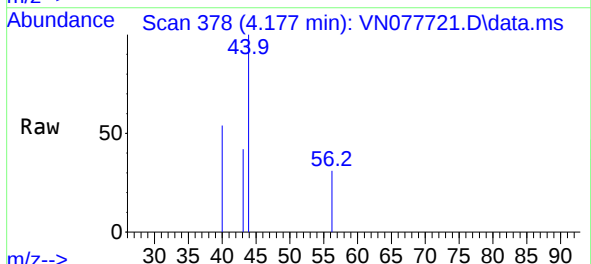
Instrument :
MSVOA_N
ClientSampleId :
MP-6

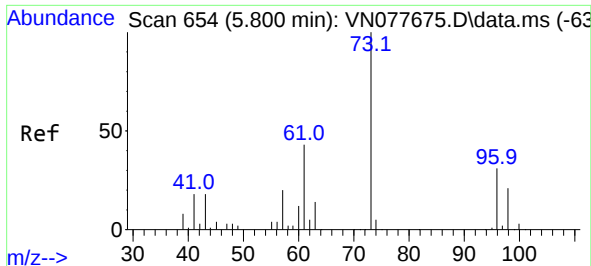
Tgt Ion: 64 Resp: 937
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 378
Delta R.T. -0.012 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

Tgt Ion: 56 Resp: 197
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

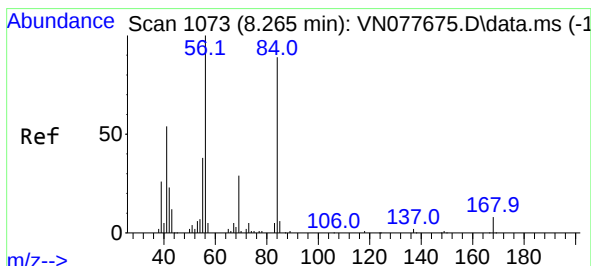
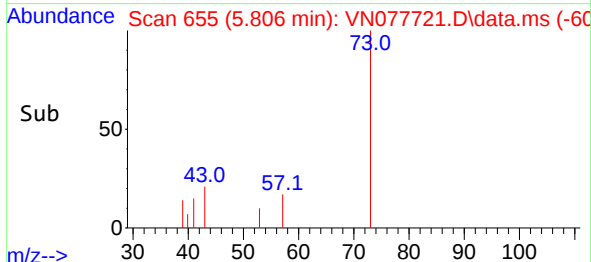
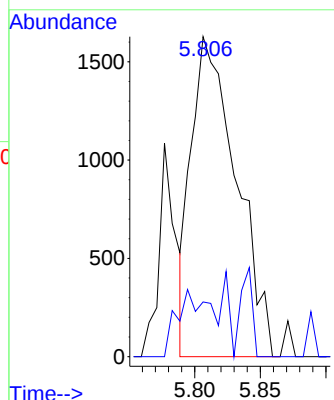
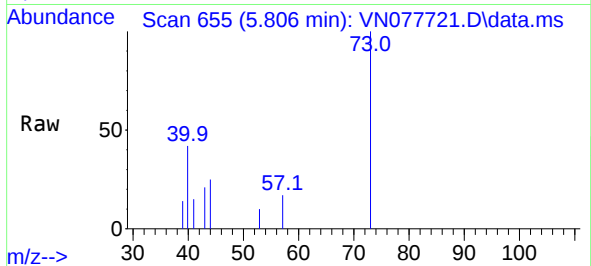




#19
Methyl tert-butyl Ether
Concen: 0.288 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

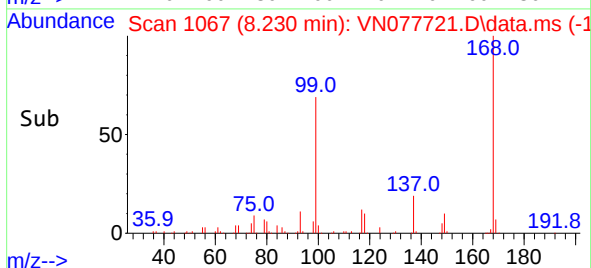
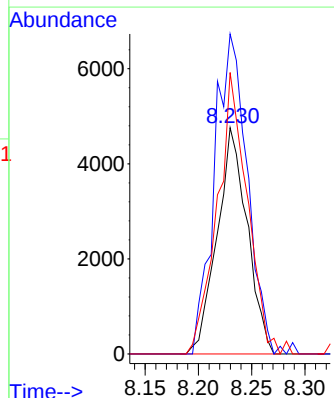
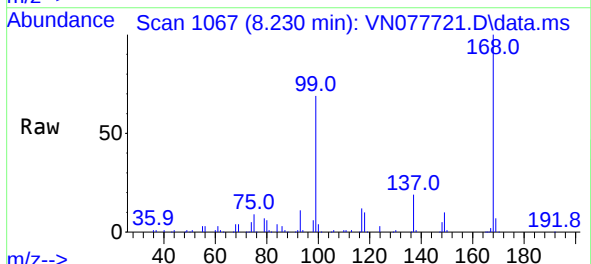
Instrument :
MSVOA_N
ClientSampleId :
MP-6

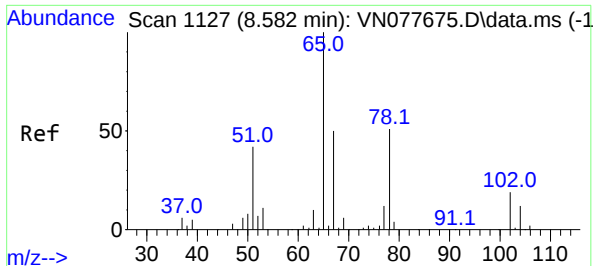
Tgt Ion: 73 Resp: 3889
Ion Ratio Lower Upper
73 100
57 17.1 15.6 23.4



#31
Cyclohexane
Concen: 1.298 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

Tgt Ion: 56 Resp: 9344
Ion Ratio Lower Upper
56 100
69 141.5 26.8 40.2#
84 124.5 81.8 122.6#

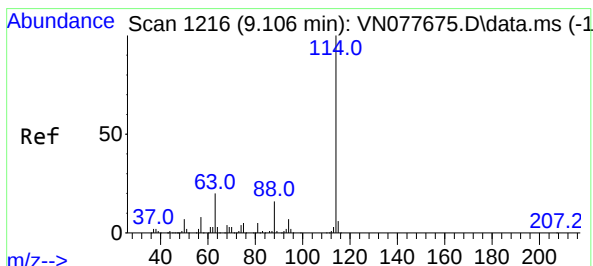
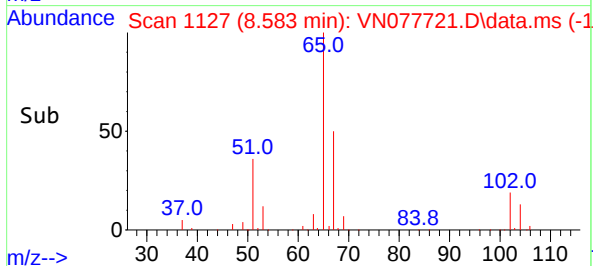
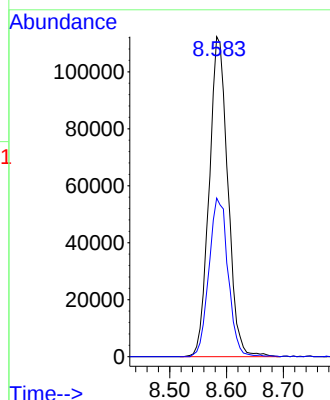
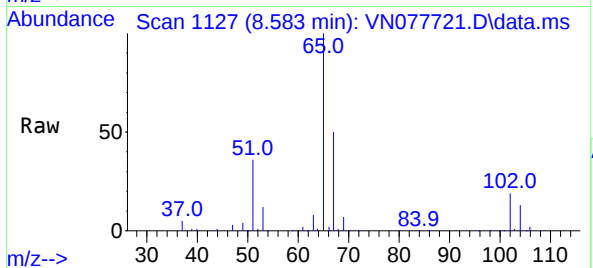




#33
1,2-Dichloroethane-d4
Concen: 48.174 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

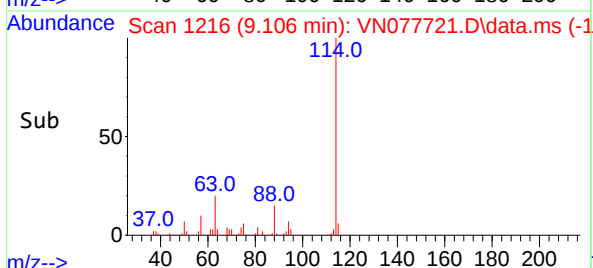
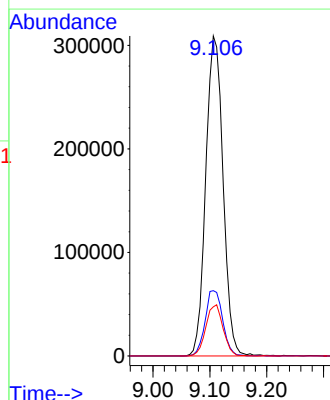
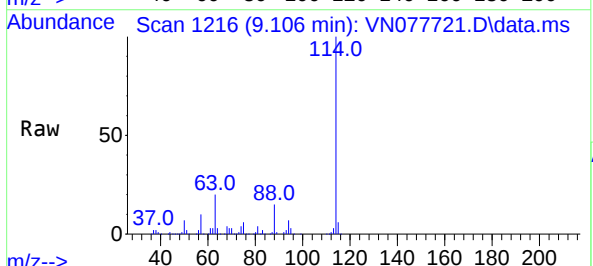
Instrument :
MSVOA_N
ClientSampleId :
MP-6

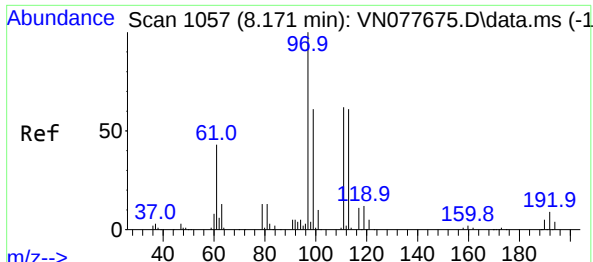
Tgt Ion: 65 Resp: 255226
Ion Ratio Lower Upper
65 100
67 51.0 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

Tgt Ion: 114 Resp: 651879
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 15.3 0.0 30.6

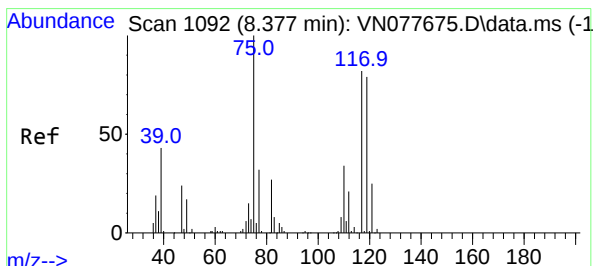
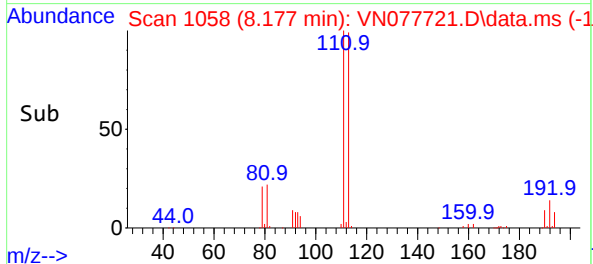
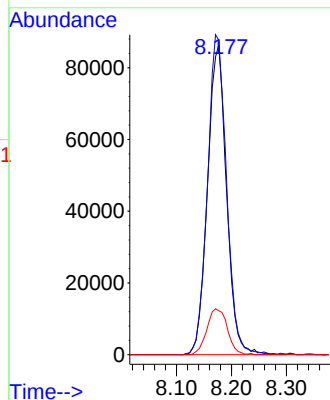
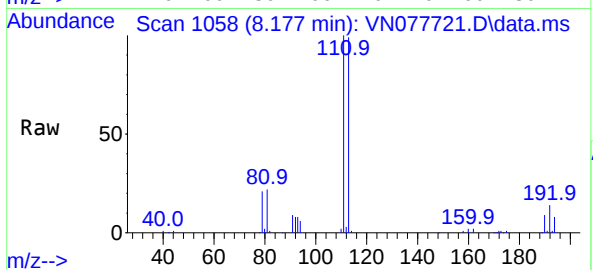




#35
Dibromofluoromethane
Concen: 48.779 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

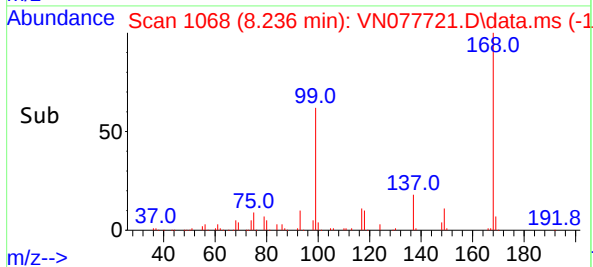
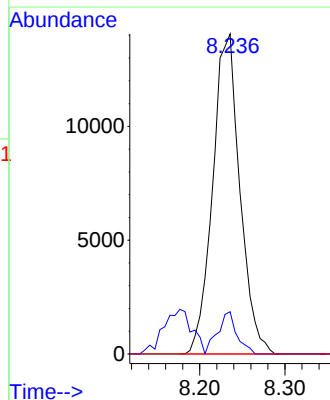
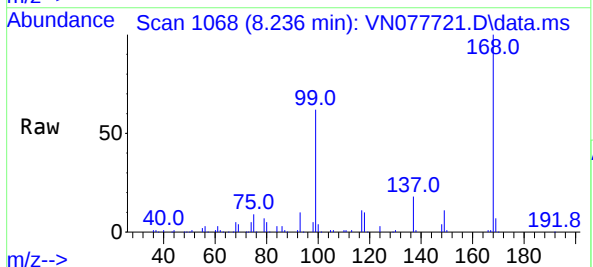
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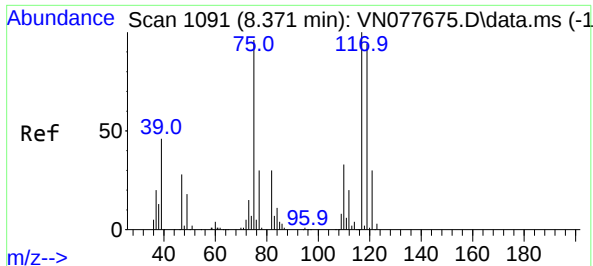
Tgt Ion:113 Resp: 207352
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 16.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.019 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

Tgt Ion: 75 Resp: 31208
Ion Ratio Lower Upper
75 100
110 9.2 19.1 57.3#
77 0.0 25.0 37.4#

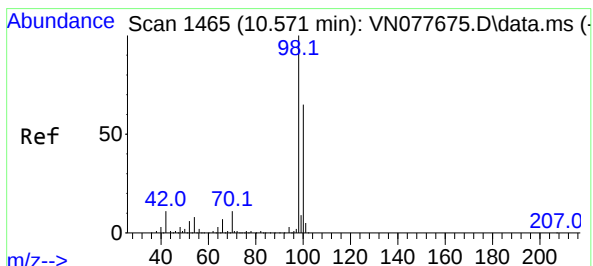
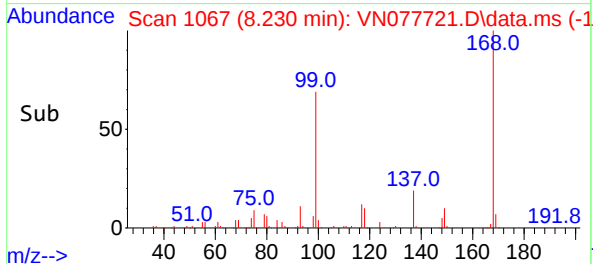
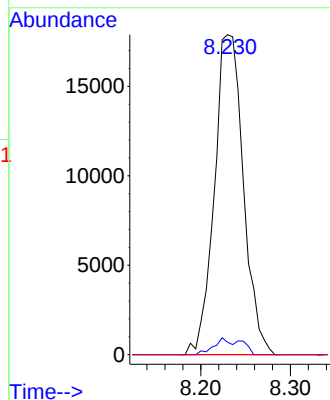
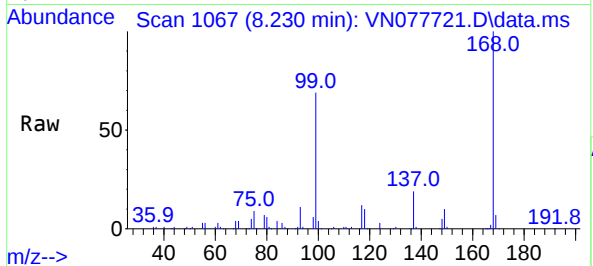




#38
Carbon Tetrachloride
Concen: 6.393 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

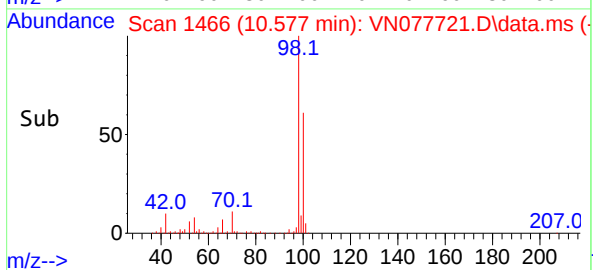
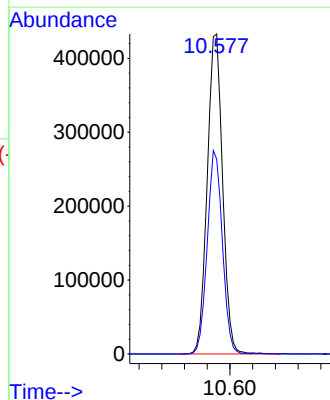
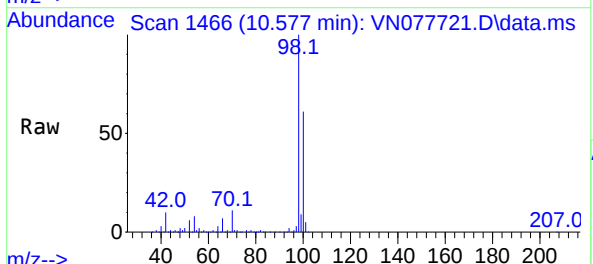
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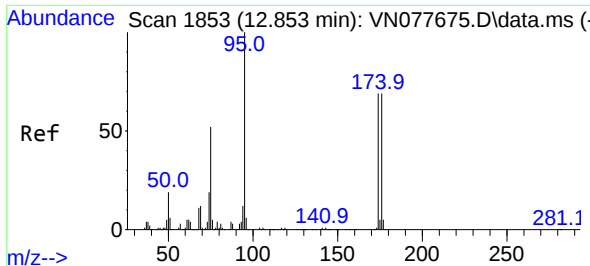
Tgt Ion:117 Resp: 40135
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 49.486 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

Tgt Ion: 98 Resp: 809683
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0

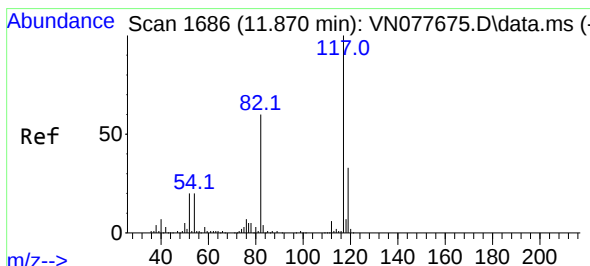
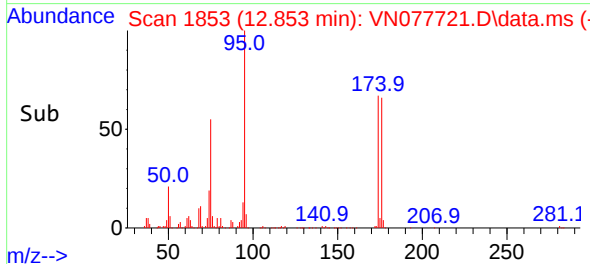
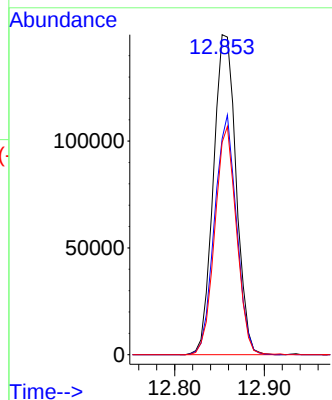
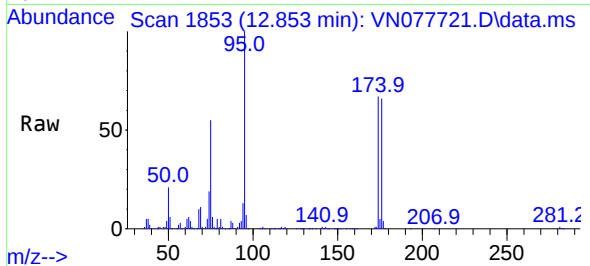




#62
4-Bromofluorobenzene
Concen: 45.652 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

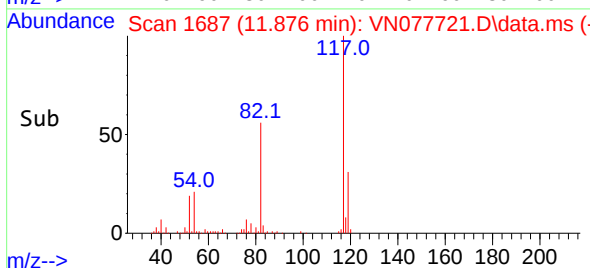
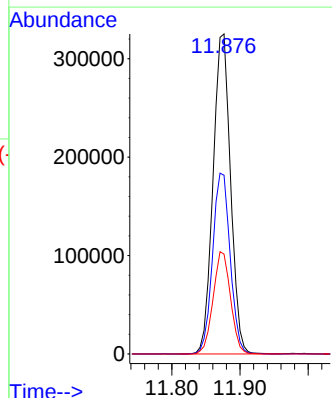
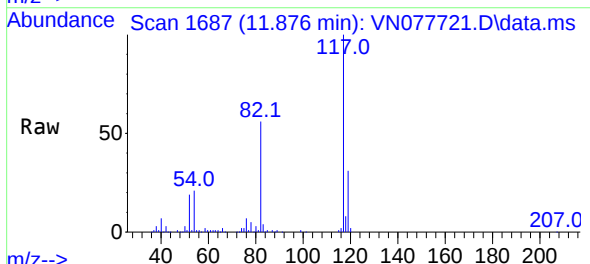
Instrument :
MSVOA_N
ClientSampleId :
MP-6

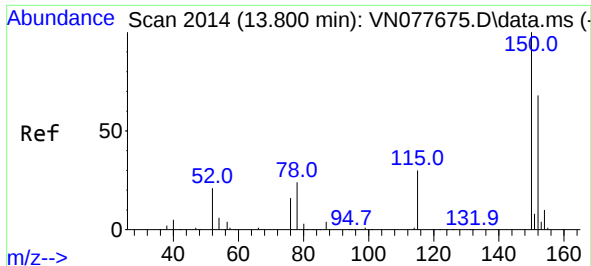
Tgt Ion:	95	Resp:	263805
Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	143.8
176	67.8	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

Tgt Ion:	117	Resp:	581667
Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.0	66.0
119	31.2	25.6	38.4

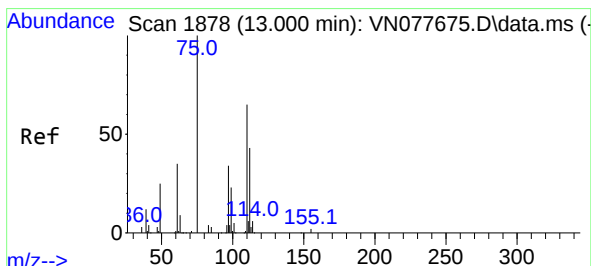
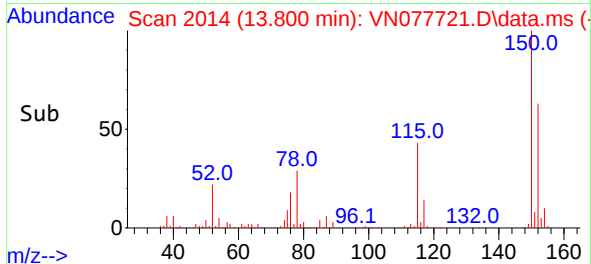
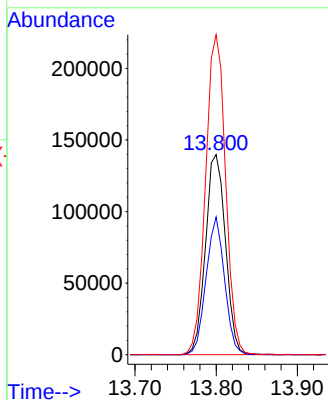
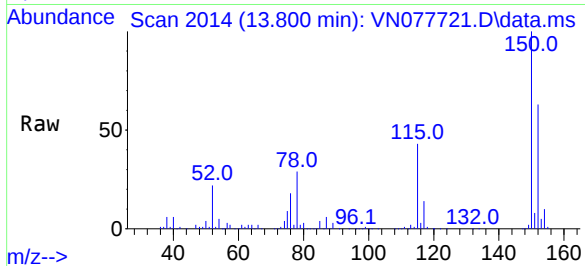




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

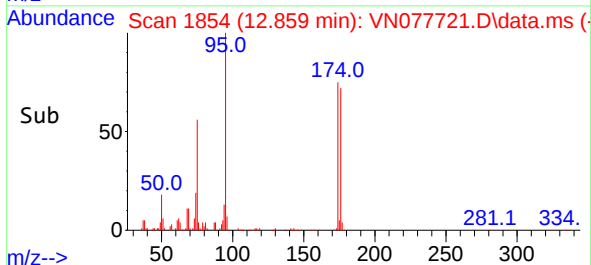
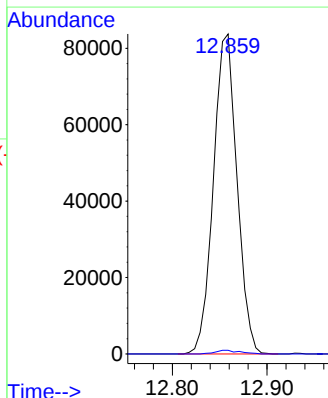
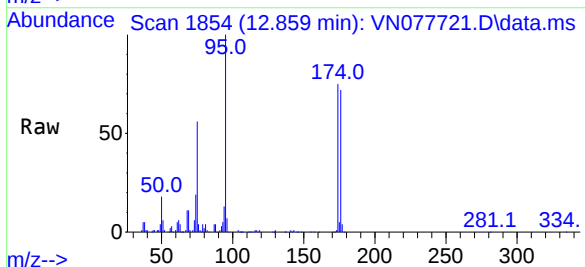
Instrument :
MSVOA_N
ClientSampleId :
MP-6

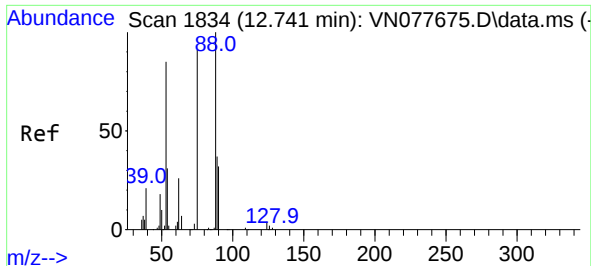
Tgt Ion:152 Resp: 239012
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 159.5 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 24.196 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077721.D
Acq: 17 May 2023 18:06

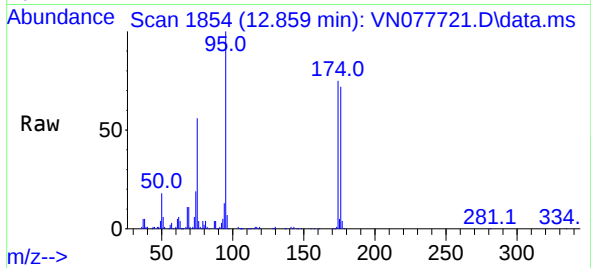
Tgt Ion: 75 Resp: 144829
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.342 ug/l
 RT: 12.859 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN077721.D
 Acq: 17 May 2023 18:06

Instrument :
 MSVOA_N
 ClientSampleId :
 MP-6



Tgt Ion: 75 Resp: 144829
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.1 38.8 58.2#

