

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077854.D
 Acq On : 24 May 2023 15:55
 Operator : JC\MD
 Sample : 02898-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-20230522

Quant Time: May 25 01:42:53 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)

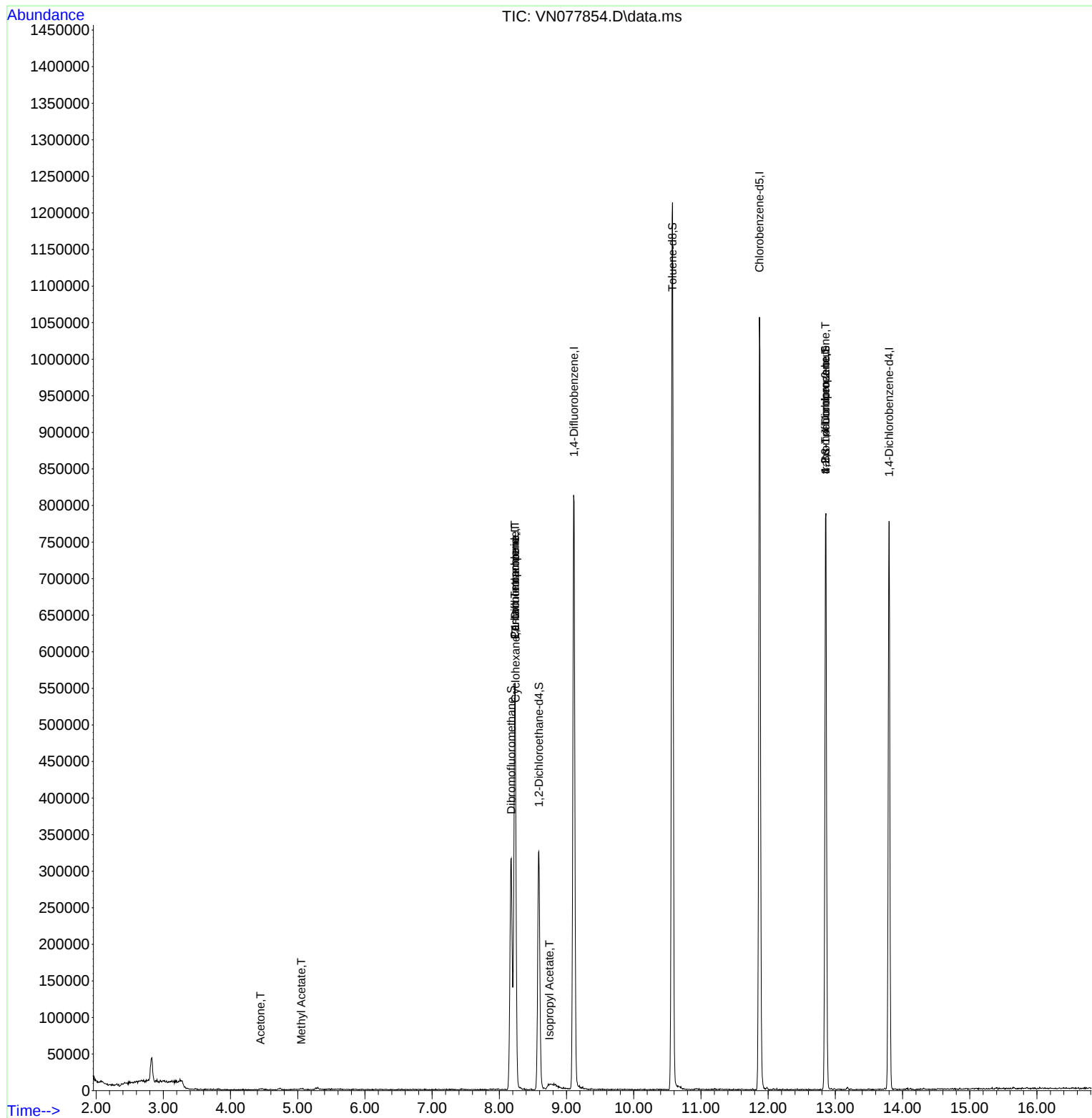
Internal Standards						
1) Pentafluorobenzene	8.236	168	397287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	727260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	642710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	210900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	268681	45.199	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.400%		
35) Dibromofluoromethane	8.177	113	229779	48.452	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.900%		
50) Toluene-d8	10.577	98	886677	48.575	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.140%		
62) 4-Bromofluorobenzene	12.853	95	288900	44.813	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.620%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1249	Below Cal	#	63
13) Acrolein	4.201	56	309	Below Cal	#	44
16) Acetone	4.448	43	1587	0.849	ug/l #	78
18) Methyl Acetate	5.053	43	2566	0.327	ug/l #	59
20) Methylene Chloride	5.283	84	476	Below Cal	#	62
31) Cyclohexane	8.241	56	9544	1.181	ug/l #	57
36) 1,1-Dichloropropene	8.236	75	33969	4.897	ug/l #	47
38) Carbon Tetrachloride	8.230	117	43242	6.174	ug/l #	17
43) Isopropyl Acetate	8.747	43	7525	0.745	ug/l #	49
76) 1,2,3-Trichloropropane	12.853	75	151781	28.737	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	151781	91.859	ug/l #	15

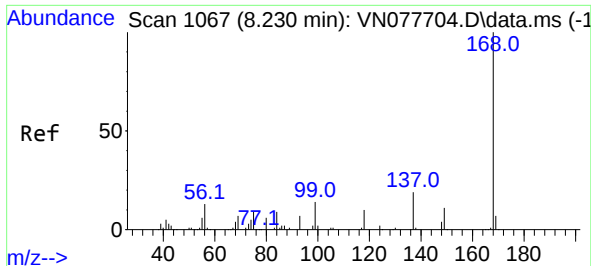
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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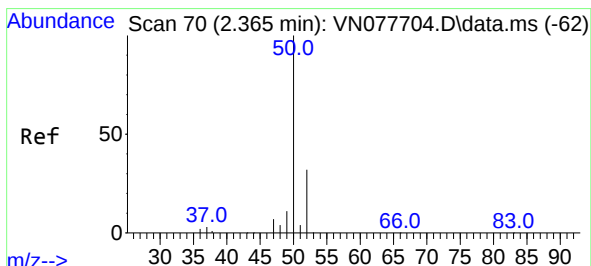
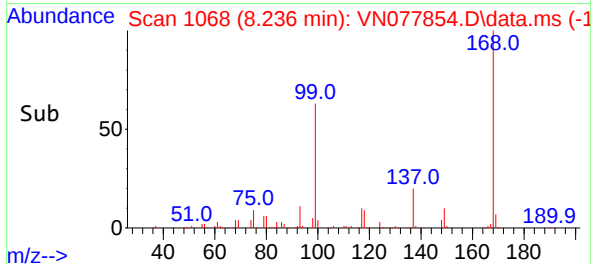
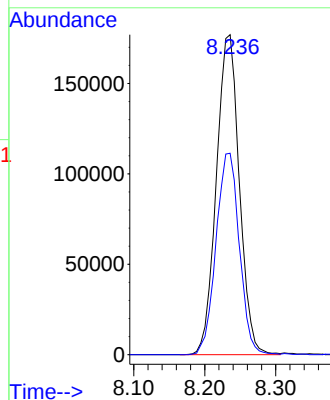
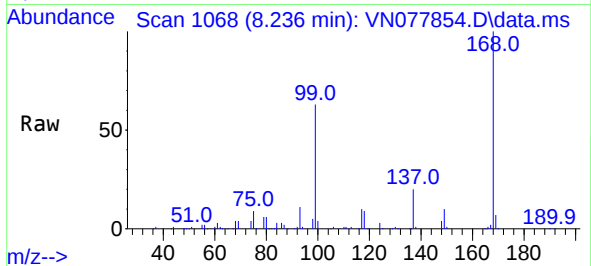




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

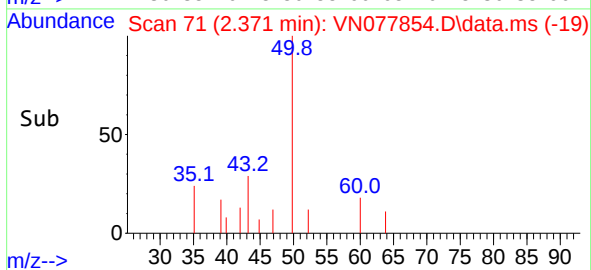
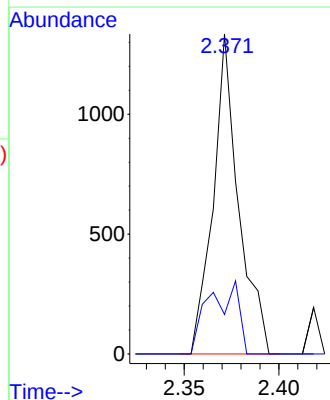
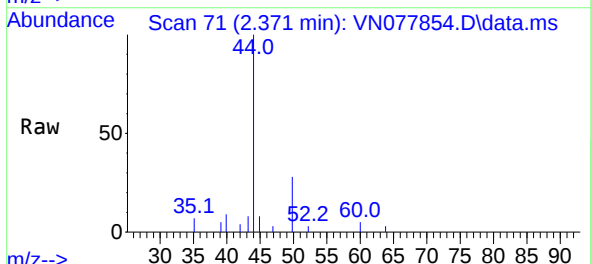
Instrument :
MSVOA_N
ClientSampleId :
TB-01-20230522

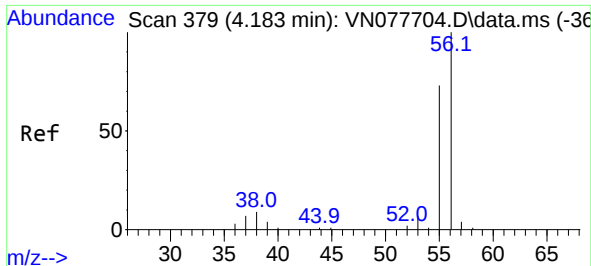
Tgt Ion:168 Resp: 397287
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

Tgt Ion: 50 Resp: 1249
Ion Ratio Lower Upper
50 100
52 12.4 26.5 39.7#

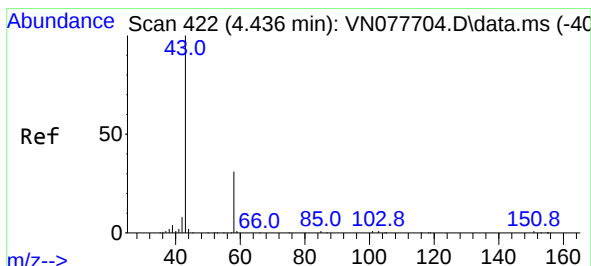
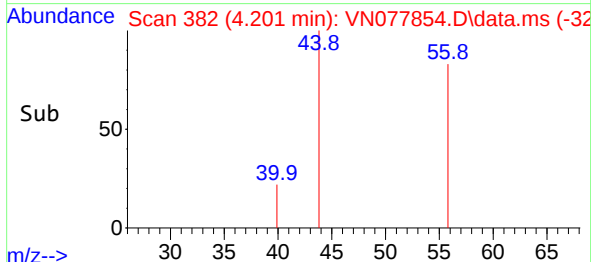
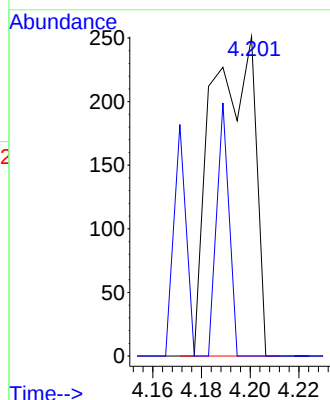
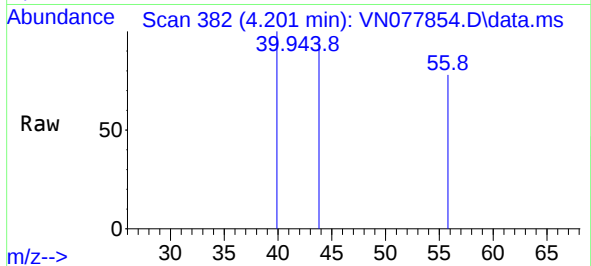




#13
Acrolein
Concen: Below Cal
RT: 4.201 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

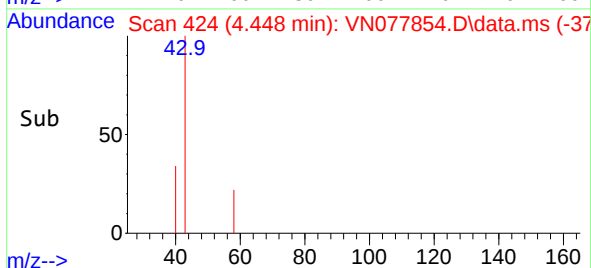
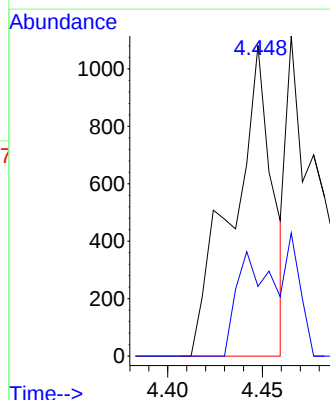
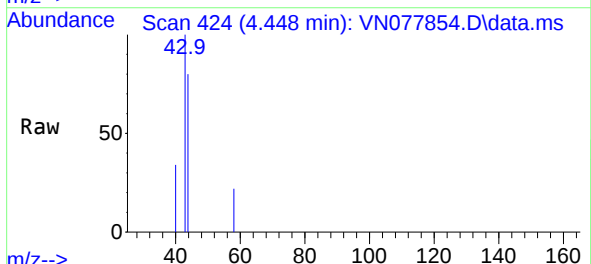
Instrument :
MSVOA_N
ClientSampleId :
TB-01-20230522

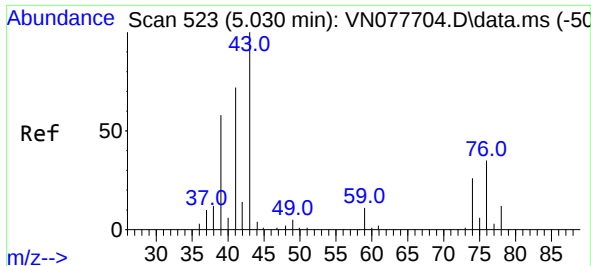
Tgt Ion: 56 Resp: 309
Ion Ratio Lower Upper
56 100
55 22.7 54.5 81.7#



#16
Acetone
Concen: 0.849 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

Tgt Ion: 43 Resp: 1587
Ion Ratio Lower Upper
43 100
58 22.5 28.0 42.0#

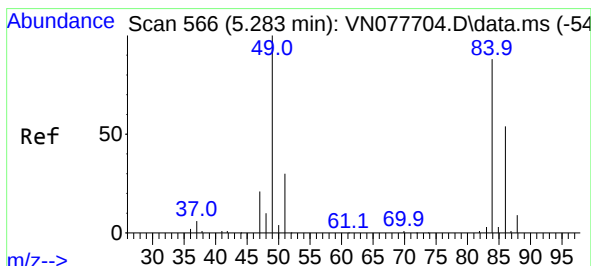
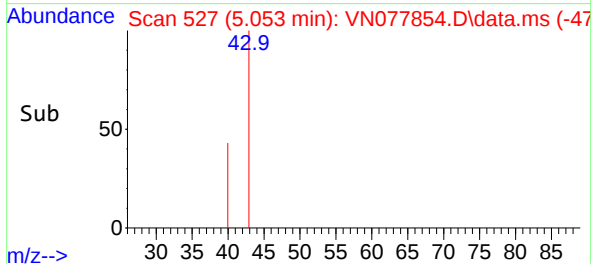
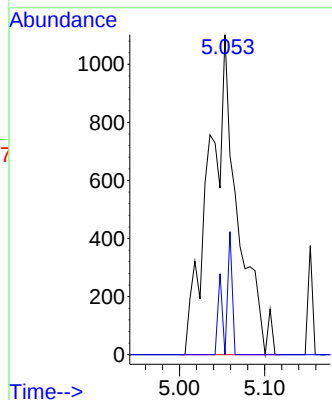
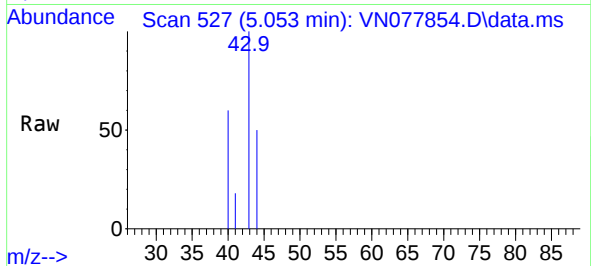




#18
Methyl Acetate
Concen: 0.327 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

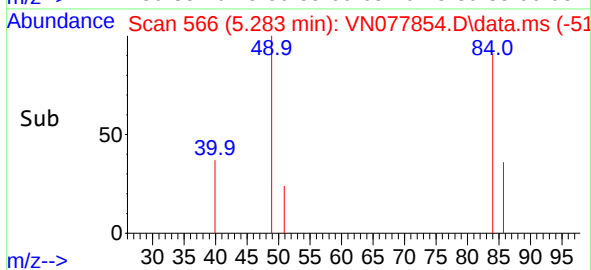
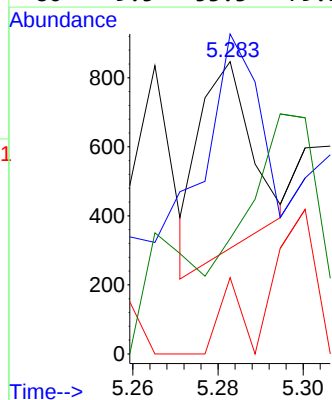
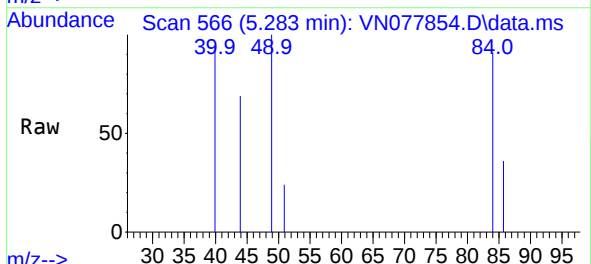
Instrument :
MSVOA_N
ClientSampleId :
TB-01-20230522

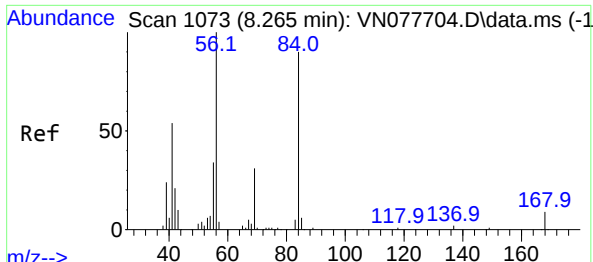
Tgt Ion: 43 Resp: 2566
Ion Ratio Lower Upper
43 100
74 9.7 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

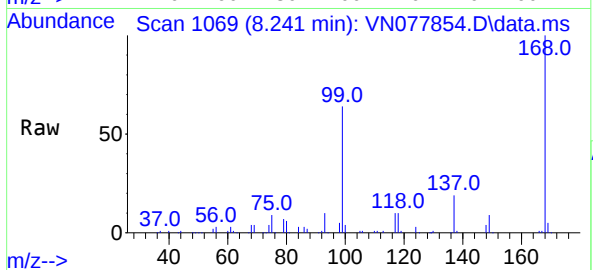
Tgt Ion: 84 Resp: 476
Ion Ratio Lower Upper
84 100
49 117.7 79.7 119.5
51 48.9 25.2 37.8#
86 9.5 53.3 79.9#



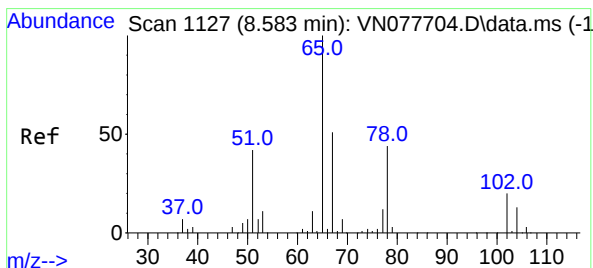
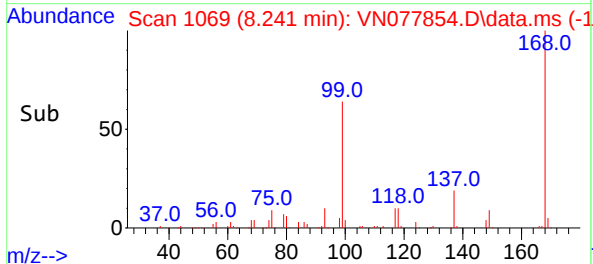
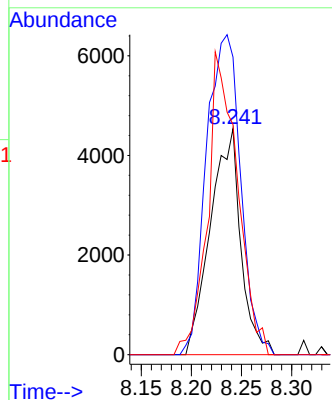


#31
Cyclohexane
Concen: 1.181 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.024 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

Instrument :
MSVOA_N
ClientSampleId :
TB-01-20230522

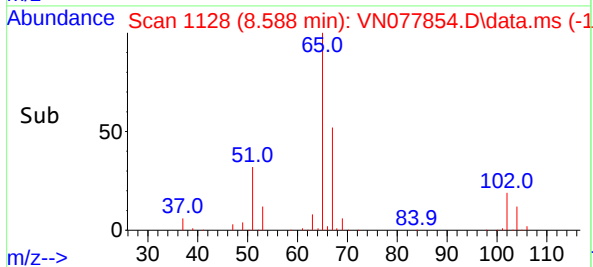
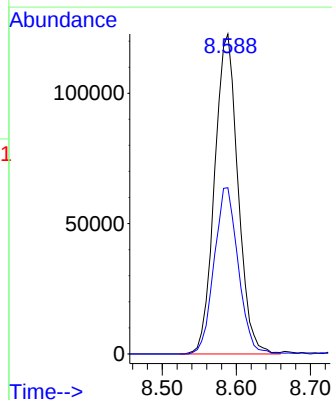
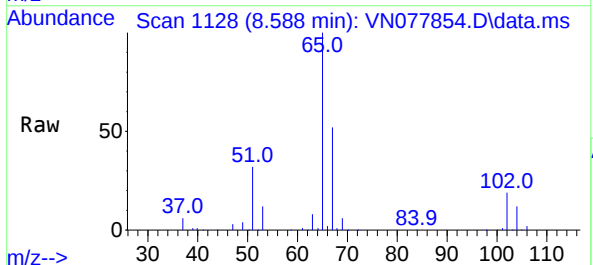


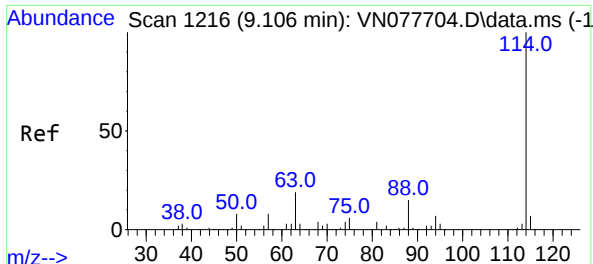
Tgt Ion: 56 Resp: 9544
Ion Ratio Lower Upper
56 100
69 131.7 26.8 40.2#
84 101.8 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 45.199 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

Tgt Ion: 65 Resp: 268681
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.6

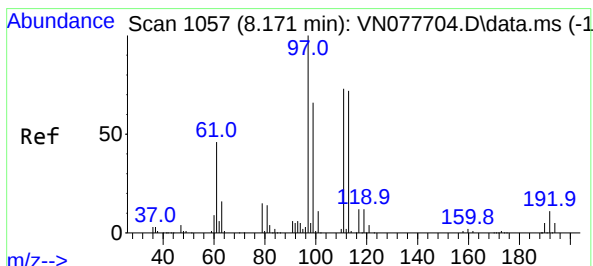
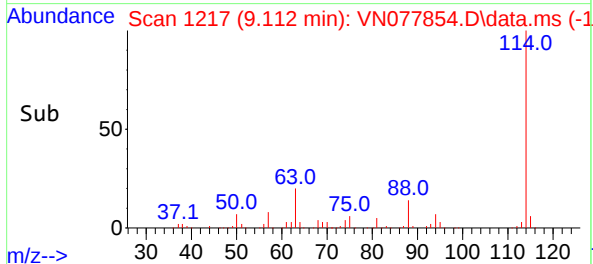
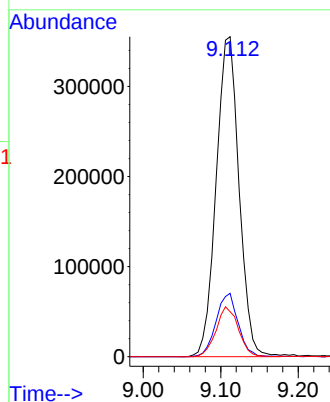
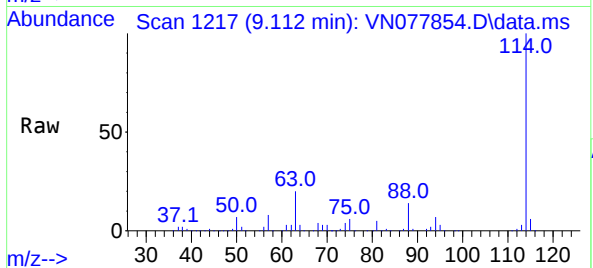




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

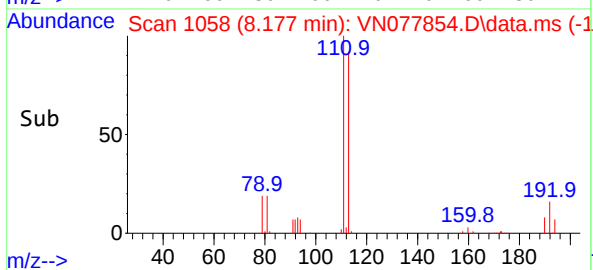
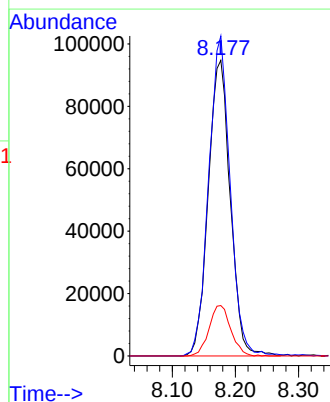
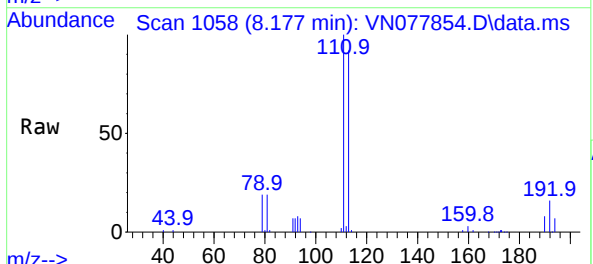
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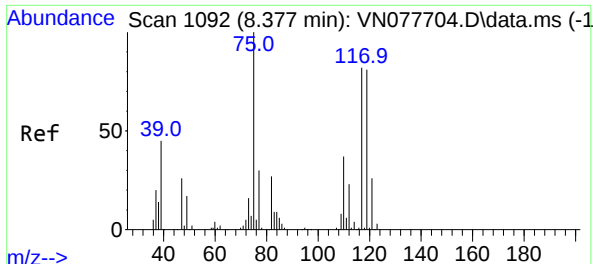
Tgt Ion:114 Resp: 727260
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.4
88 14.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.452 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

Tgt Ion:113 Resp: 229779
Ion Ratio Lower Upper
113 100
111 105.4 82.6 123.8
192 16.8 12.7 19.1

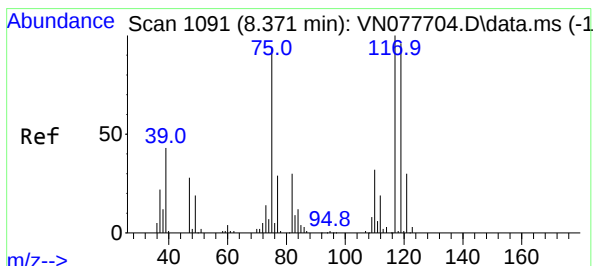
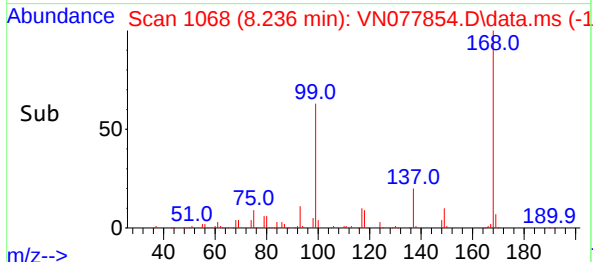
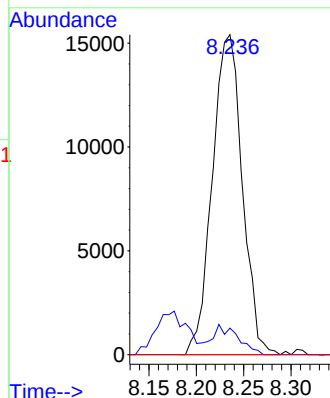
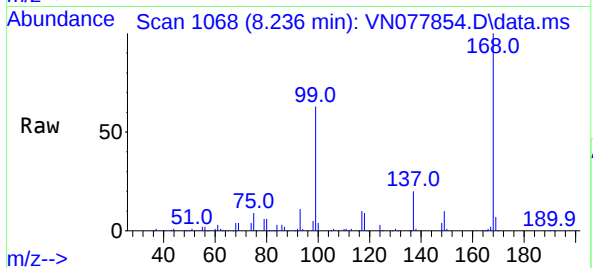




#36
1,1-Dichloropropene
Concen: 4.897 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

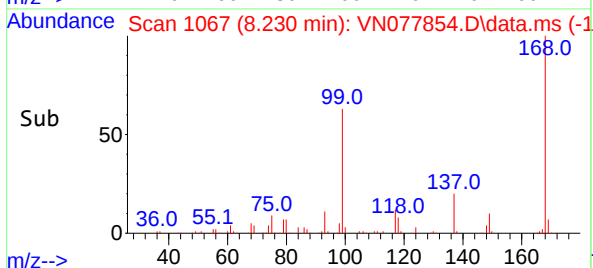
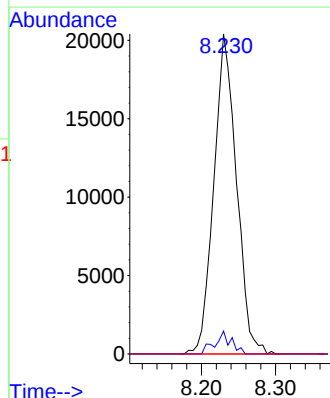
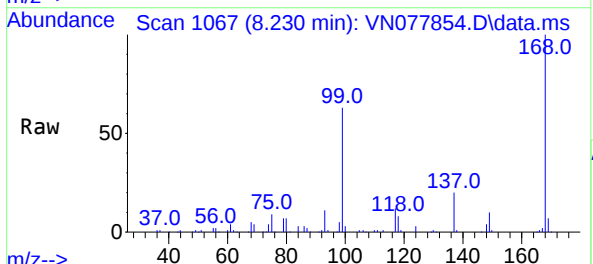
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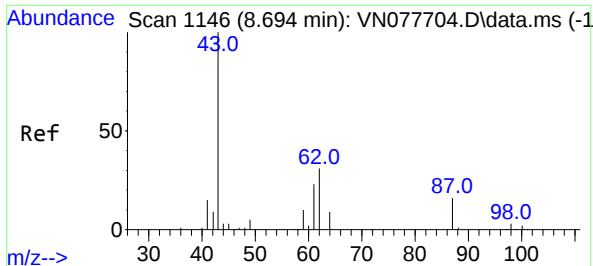
Tgt Ion: 75 Resp: 33969
Ion Ratio Lower Upper
75 100
110 8.0 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.174 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

Tgt Ion: 117 Resp: 43242
Ion Ratio Lower Upper
117 100
119 7.1 77.3 115.9#
121 0.0 23.3 34.9#

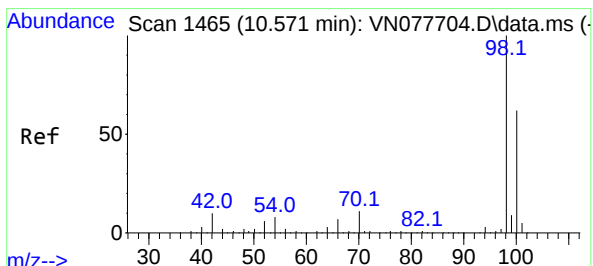
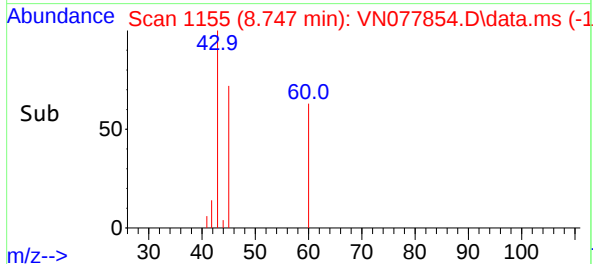
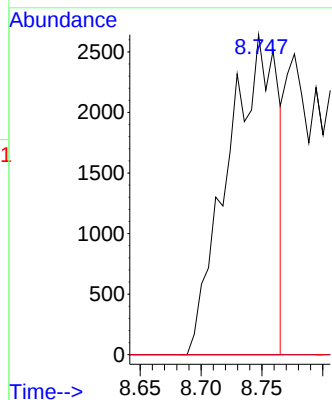
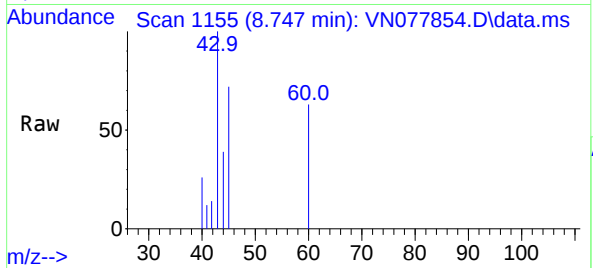




#43
Isopropyl Acetate
Concen: 0.745 ug/l
RT: 8.747 min Scan# 1146
Delta R.T. 0.053 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

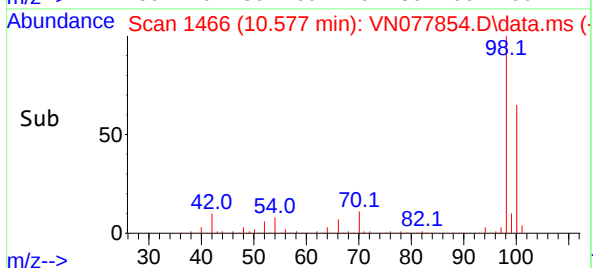
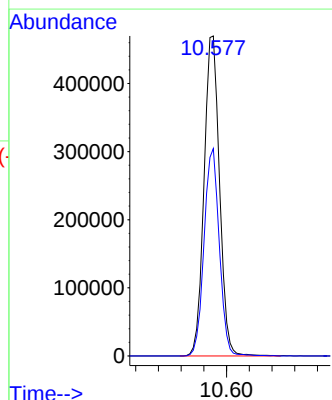
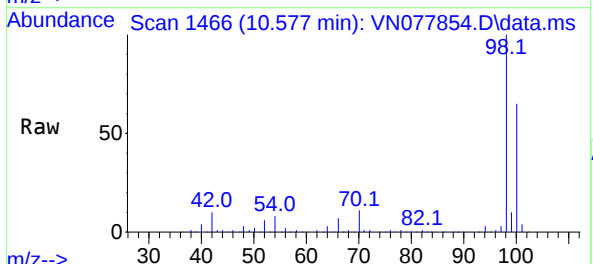
Instrument :
MSVOA_N
ClientSampleId :
TB-01-20230522

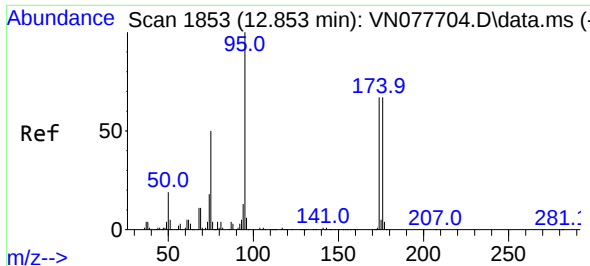
Tgt Ion: 43 Resp: 7525
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 48.575 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

Tgt Ion: 98 Resp: 886677
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

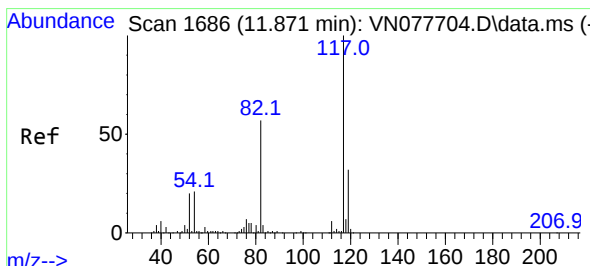
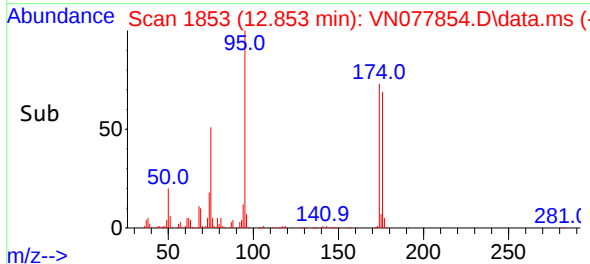
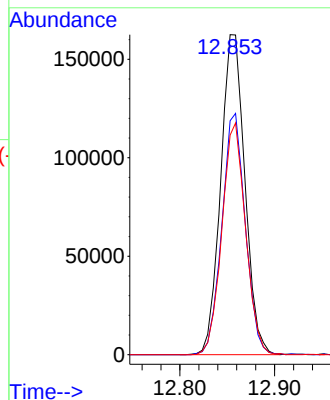
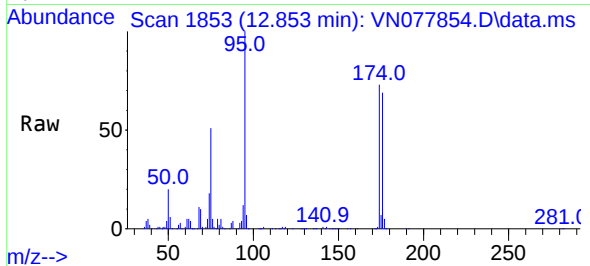




#62
4-Bromofluorobenzene
Concen: 44.813 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

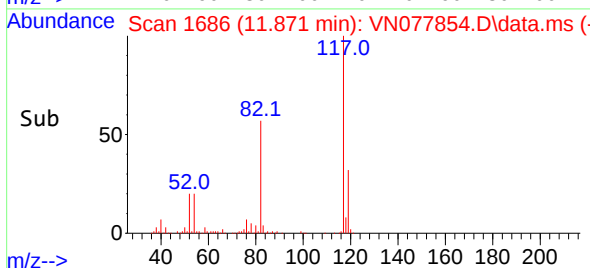
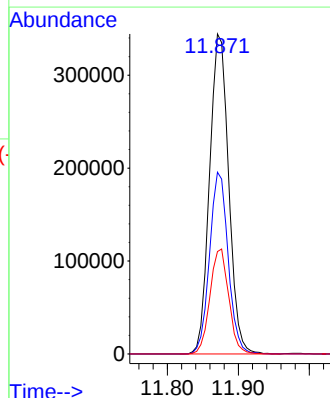
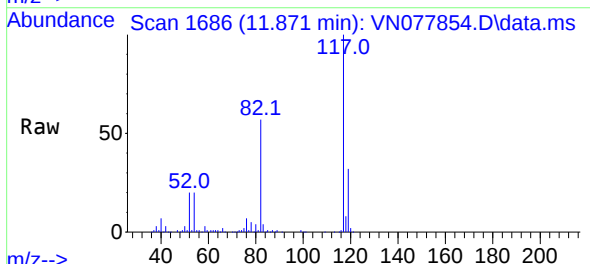
Instrument :
MSVOA_N
ClientSampleId :
TB-01-20230522

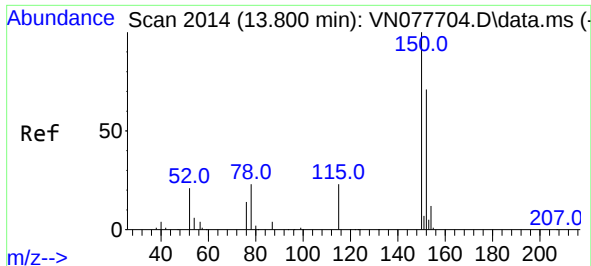
Tgt Ion: 95 Resp: 288900
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 70.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

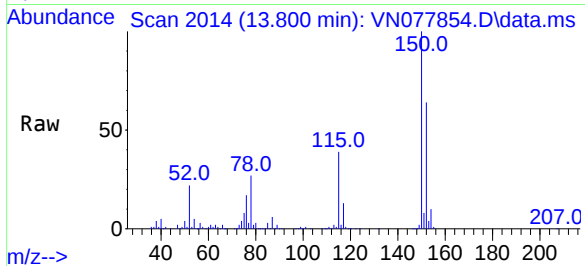
Tgt Ion: 117 Resp: 642710
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 32.0 25.6 38.4



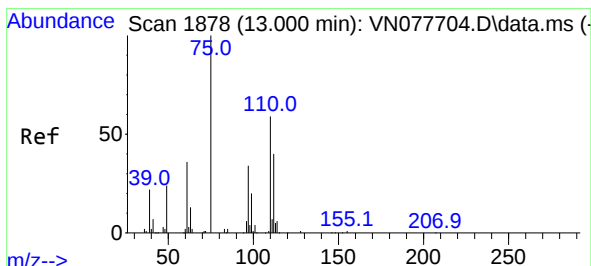
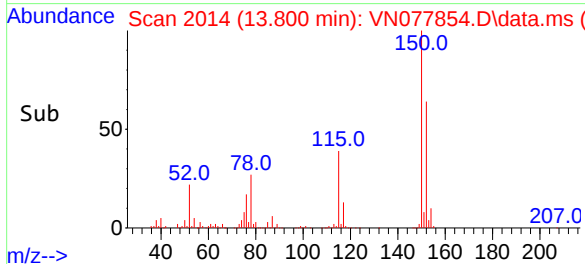
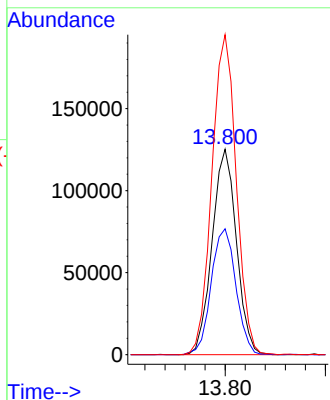


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

Instrument :
MSVOA_N
ClientSampleId :
TB-01-20230522

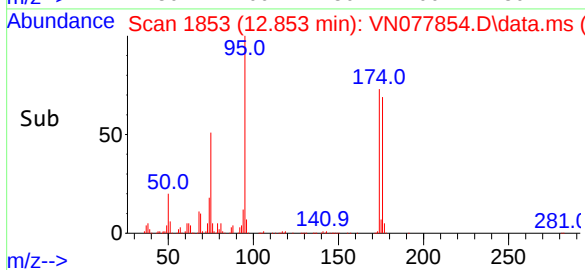
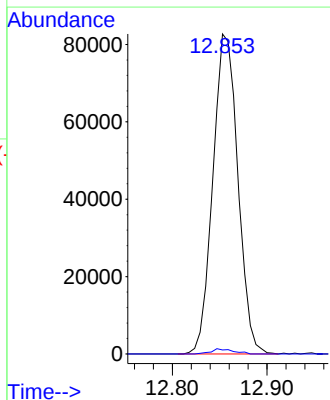
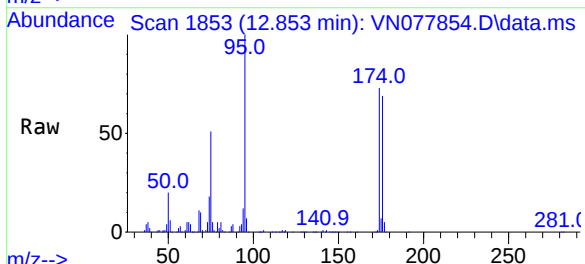


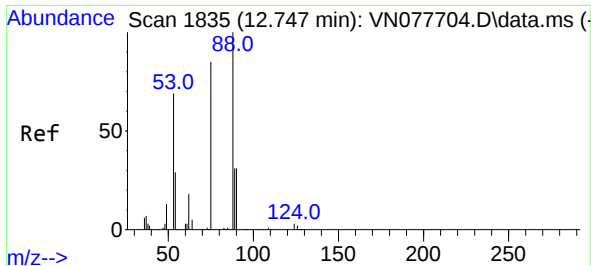
Tgt Ion:152 Resp: 210900
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 156.1 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 28.737 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077854.D
Acq: 24 May 2023 15:55

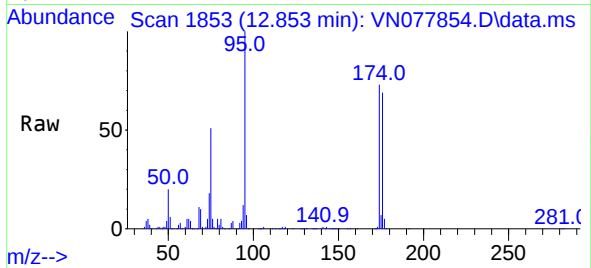
Tgt Ion: 75 Resp: 151781
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.859 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN077854.D
 Acq: 24 May 2023 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-20230522



Tgt Ion: 75 Resp: 151781
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

