

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077790.D
 Acq On : 22 May 2023 15:29
 Operator : JC\MD
 Sample : 02880-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW8-MW01S-20230518

Quant Time: May 23 04:20:06 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)

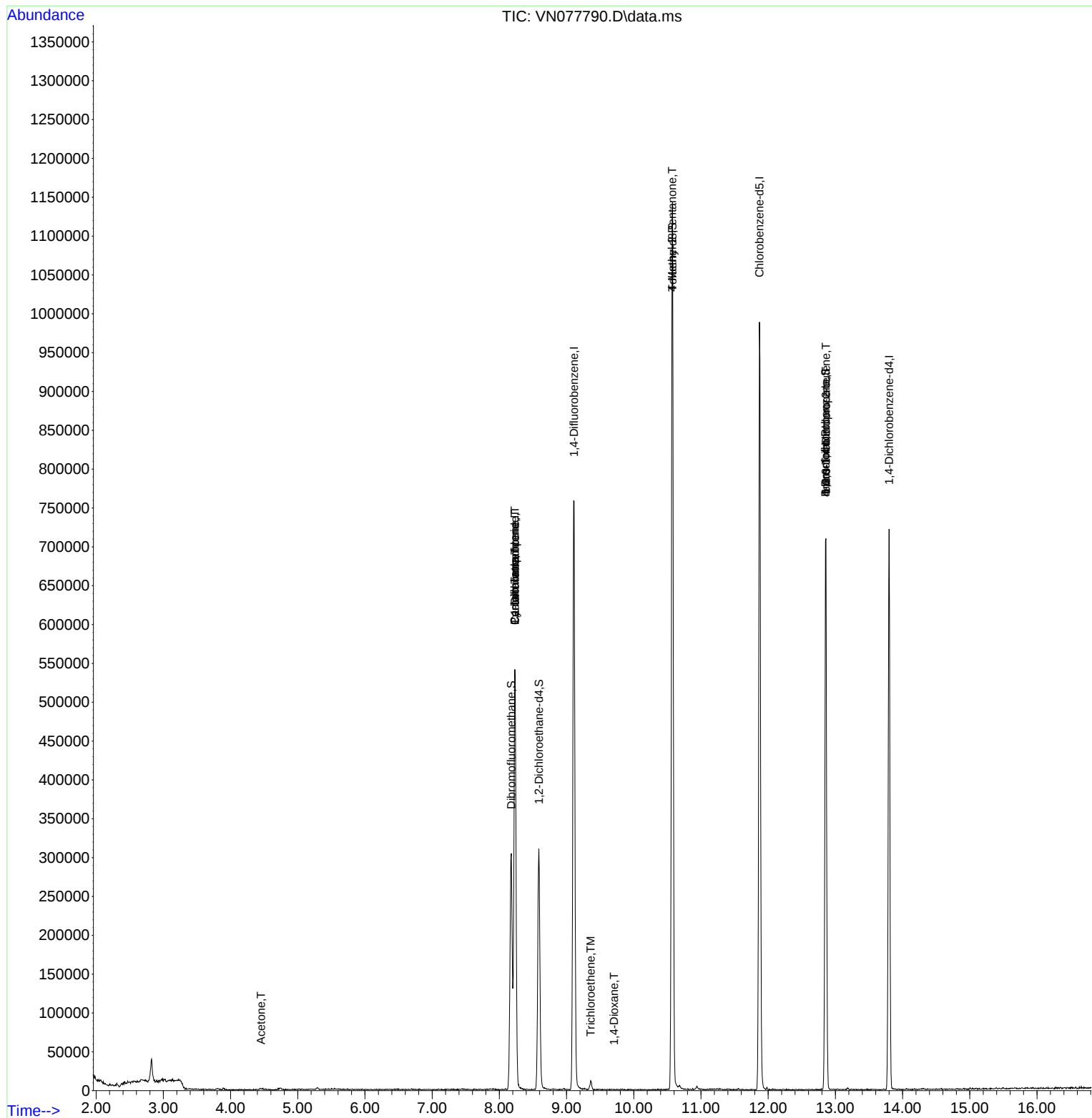
Internal Standards						
1) Pentafluorobenzene	8.229	168	388200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	683459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	601693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	193146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	251896	43.367	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.740%		
35) Dibromofluoromethane	8.177	113	224423	50.356	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.720%		
50) Toluene-d8	10.576	98	838917	48.904	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.800%		
62) 4-Bromofluorobenzene	12.853	95	264255	43.617	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.240%		
Target Compounds						
3) Chloromethane	2.371	50	1666	Below Cal	Qvalue 96	
13) Acrolein	4.206	56	118	Below Cal	# 58	
16) Acetone	4.453	43	1874	1.025 ug/l	# 64	
20) Methylene Chloride	5.283	84	688	Below Cal	# 90	
31) Cyclohexane	8.229	56	8500	1.077 ug/l	# 11	
36) 1,1-Dichloropropene	8.229	75	31872	4.889 ug/l	# 50	
38) Carbon Tetrachloride	8.229	117	41788	6.348 ug/l	# 16	
44) Trichloroethene	9.359	130	3750	0.770 ug/l	# 78	
49) 1,4-Dioxane	9.706	88	191	2.247 ug/l	# 30	
51) 4-Methyl-2-Pentanone	10.570	43	3772	0.669 ug/l	# 1	
71) Bromoform	12.853	173	1753	0.584 ug/l	# 28	
76) 1,2,3-Trichloropropane	12.859	75	136640	28.249 ug/l	# 1	
81) trans-1,4-Dichloro-2-b...	12.859	75	136640	90.297 ug/l	# 15	

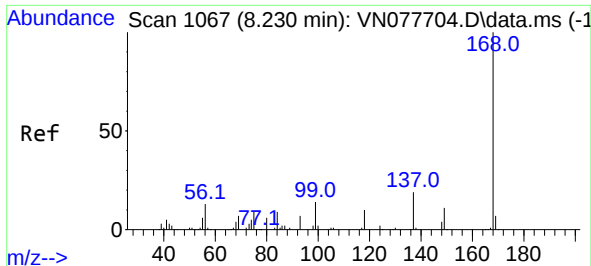
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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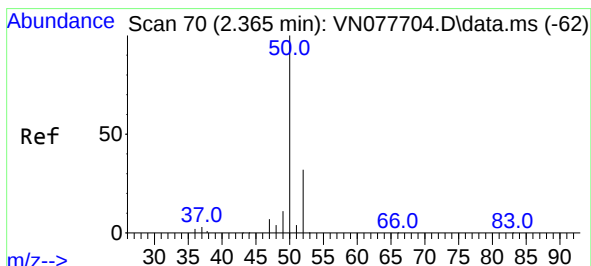
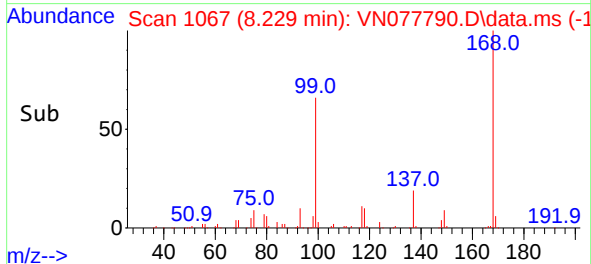
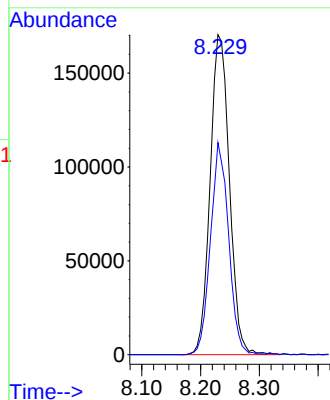
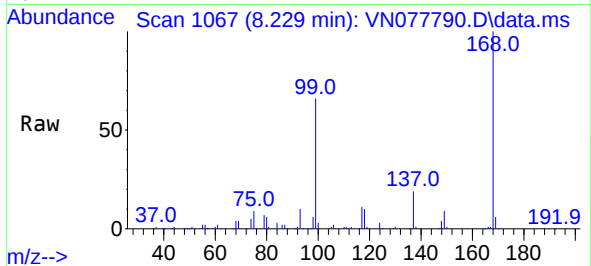




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

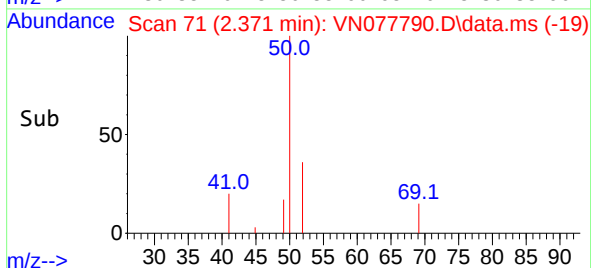
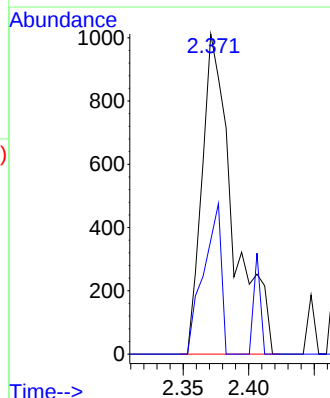
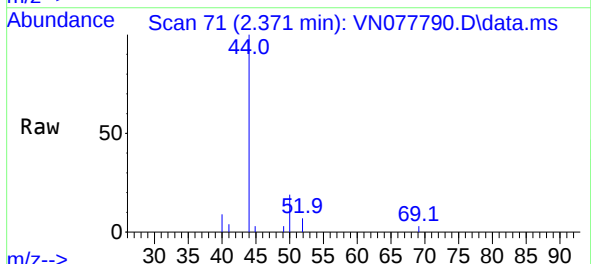
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01S-20230518

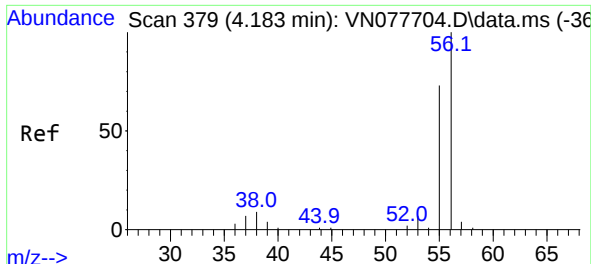
Tgt Ion:168 Resp: 388200
Ion Ratio Lower Upper
168 100
99 66.3 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

Tgt Ion: 50 Resp: 1666
Ion Ratio Lower Upper
50 100
52 35.6 26.5 39.7

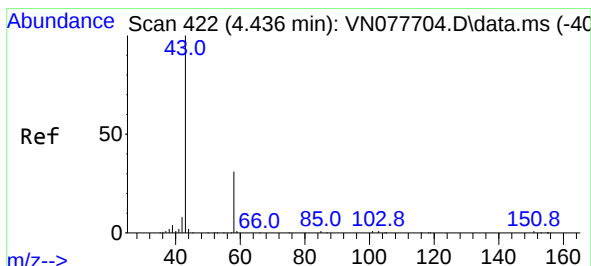
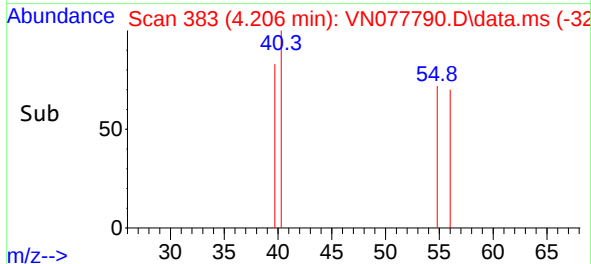
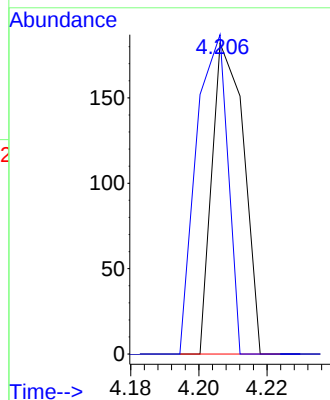
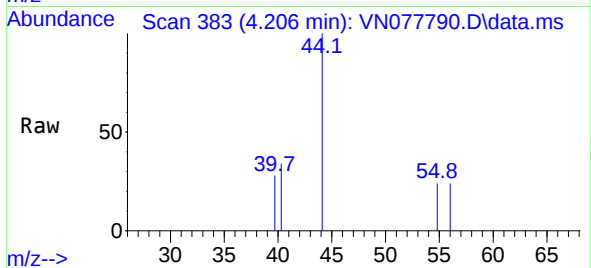




#13
Acrolein
Concen: Below Cal
RT: 4.206 min Scan# 31
Delta R.T. 0.017 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

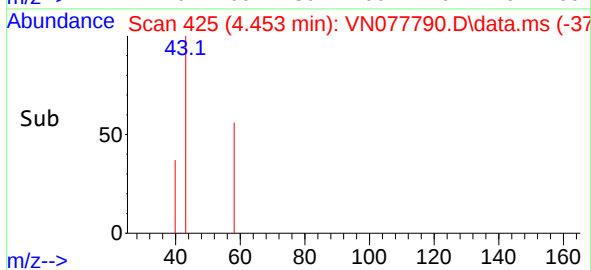
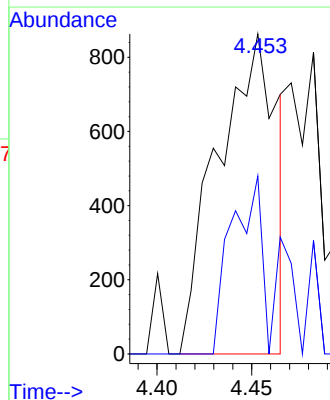
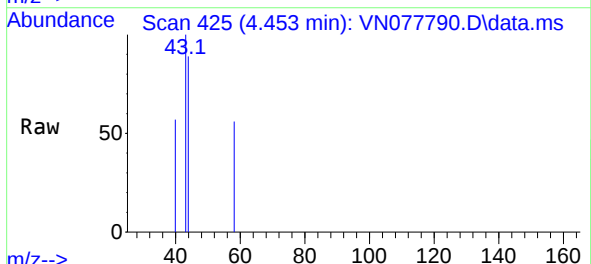
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01S-20230518

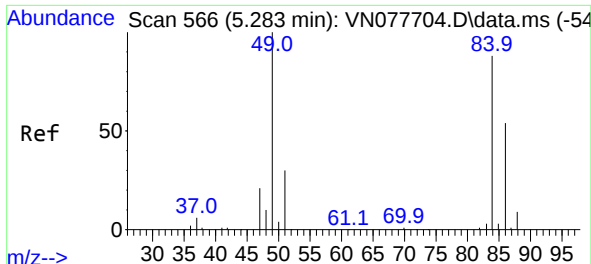
Tgt Ion: 56 Resp: 118
Ion Ratio Lower Upper
56 100
55 101.7 54.5 81.7#



#16
Acetone
Concen: 1.025 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

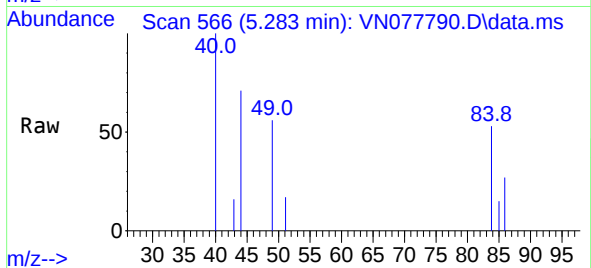
Tgt Ion: 43 Resp: 1874
Ion Ratio Lower Upper
43 100
58 55.6 28.0 42.0#





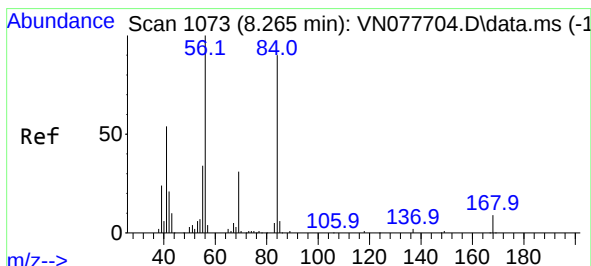
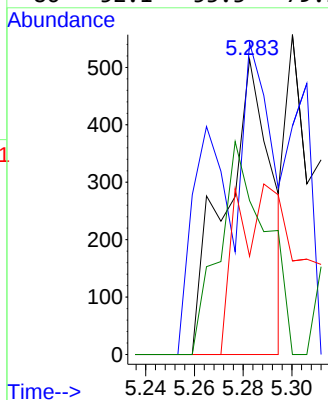
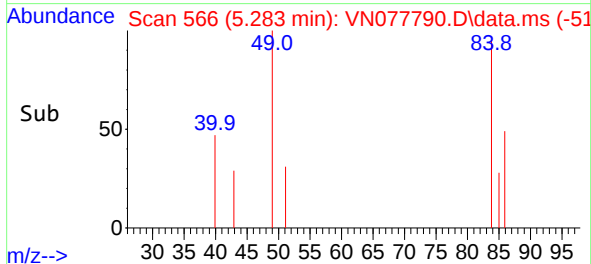
#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01S-20230518

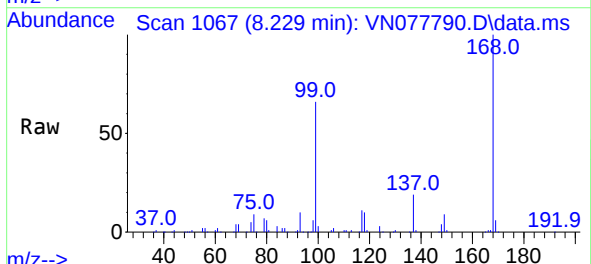


Tgt Ion: 84 Resp: 688

Ion	Ratio	Lower	Upper
84	100		
49	105.6	79.7	119.5
51	33.3	25.2	37.8
86	52.1	53.3	79.9#

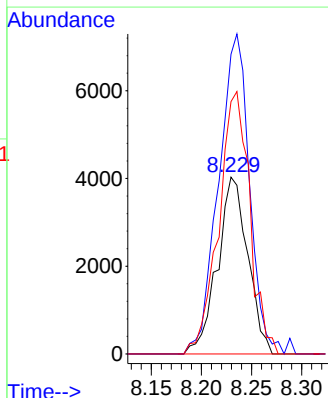
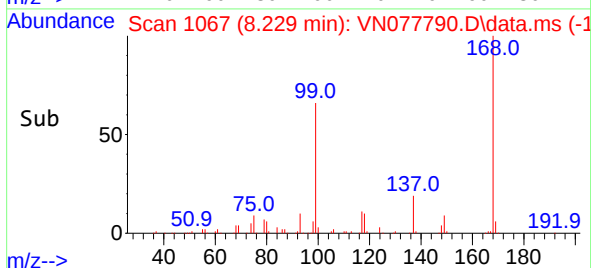


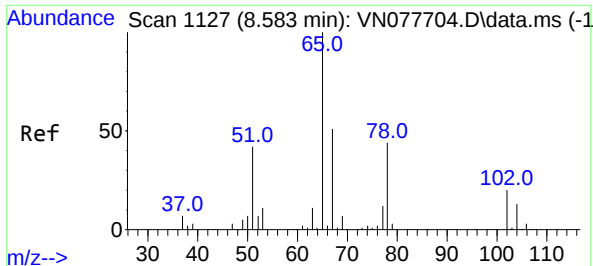
#31
Cyclohexane
Concen: 1.077 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29



Tgt Ion: 56 Resp: 8500

Ion	Ratio	Lower	Upper
56	100		
69	169.5	26.8	40.2#
84	142.7	81.8	122.6#

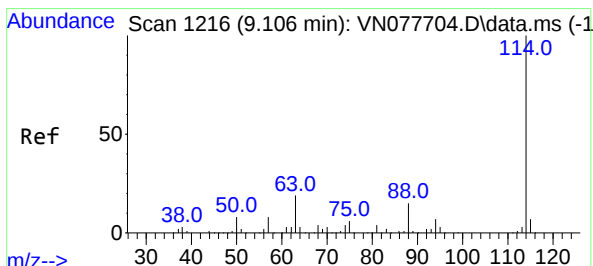
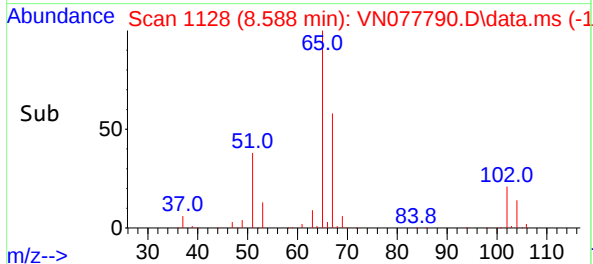
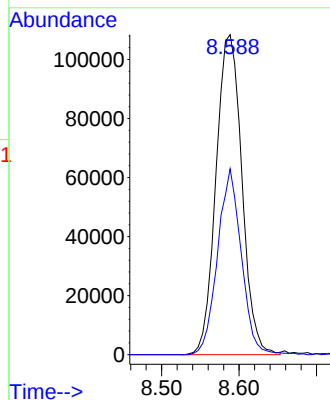
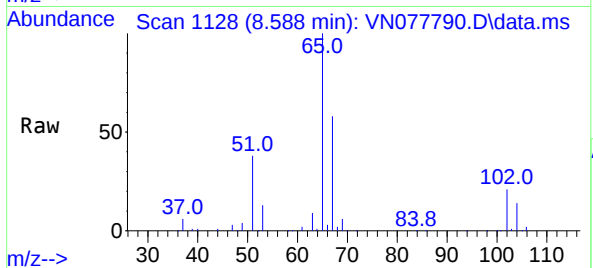




#33
1,2-Dichloroethane-d4
Concen: 43.367 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

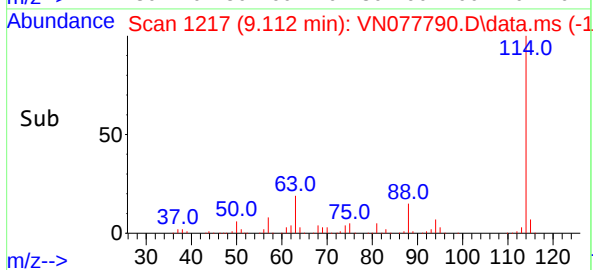
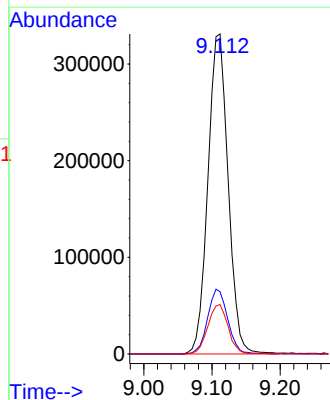
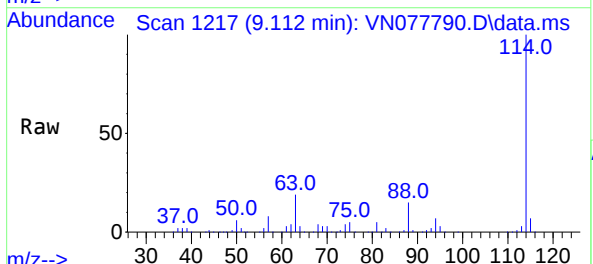
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01S-20230518

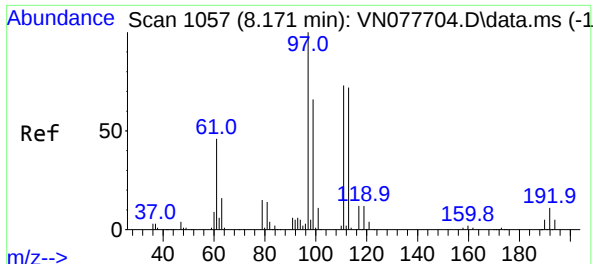
Tgt Ion: 65 Resp: 251896
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

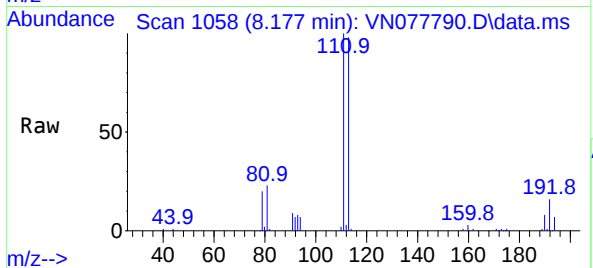
Tgt Ion: 114 Resp: 683459
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.4
88 15.4 0.0 30.6



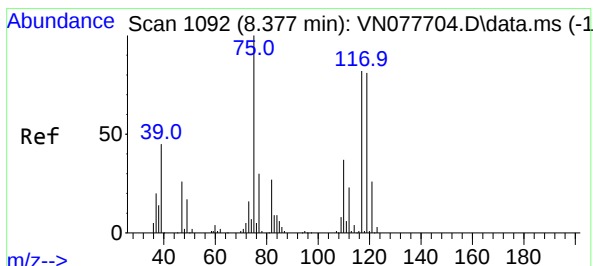
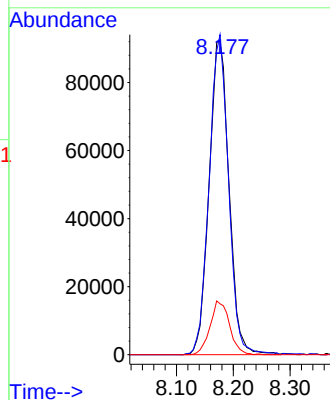
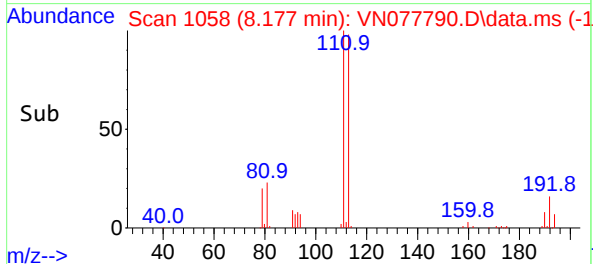


#35
Dibromofluoromethane
Concen: 50.356 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01S-20230518

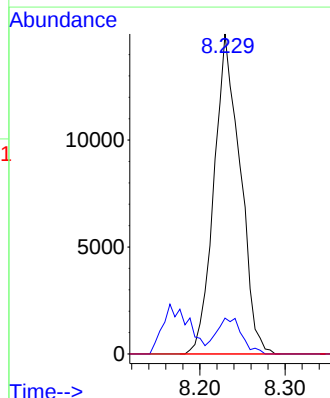
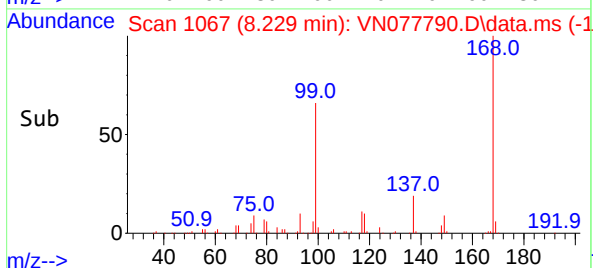
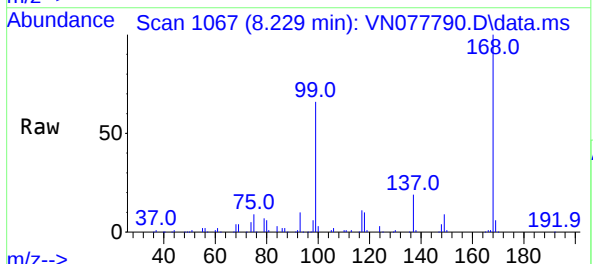


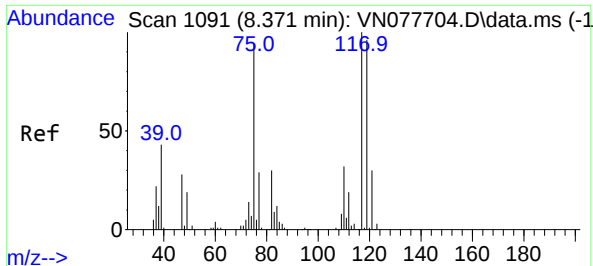
Tgt Ion:113 Resp: 224423
Ion Ratio Lower Upper
113 100
111 99.2 82.6 123.8
192 16.7 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.889 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.148 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

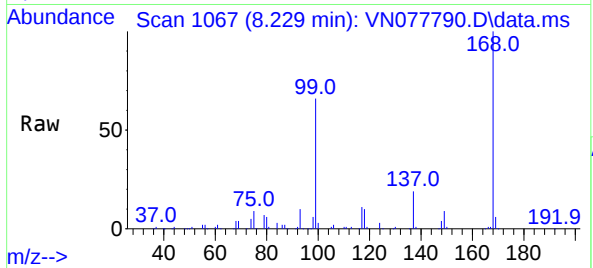
Tgt Ion: 75 Resp: 31872
Ion Ratio Lower Upper
75 100
110 11.0 19.1 57.3#
77 0.0 25.0 37.4#



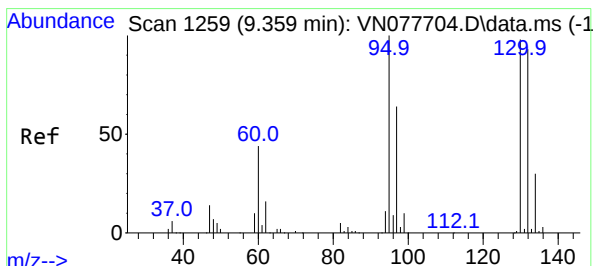
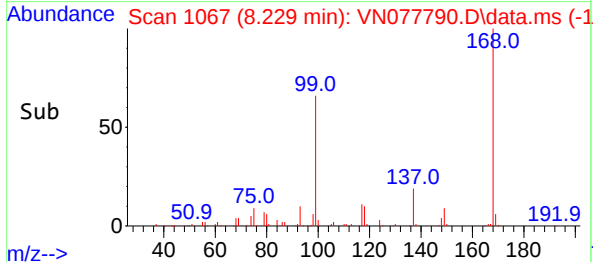
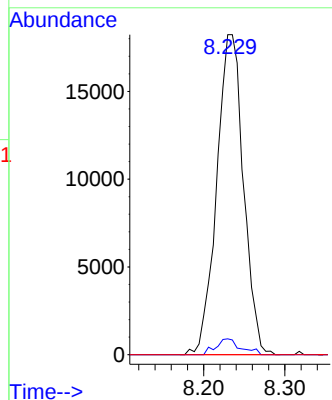


#38
Carbon Tetrachloride
Concen: 6.348 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.142 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

Instrument :
MSVOA_N
ClientSampleId :
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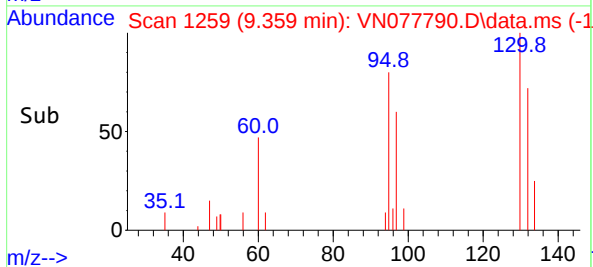
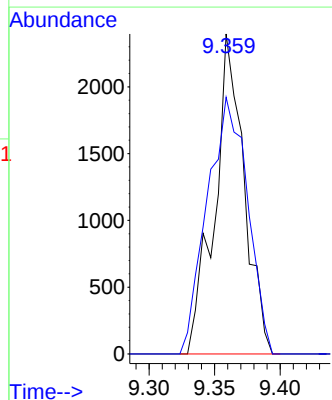
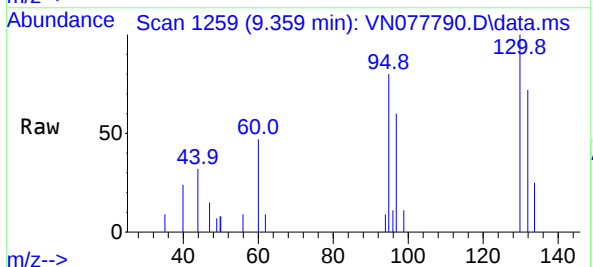


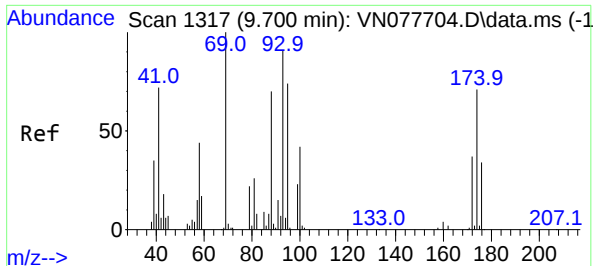
Tgt Ion:117 Resp: 41788
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 23.3 34.9#



#44
Trichloroethene
Concen: 0.770 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

Tgt Ion:130 Resp: 3750
Ion Ratio Lower Upper
130 100
95 80.2 0.0 204.6

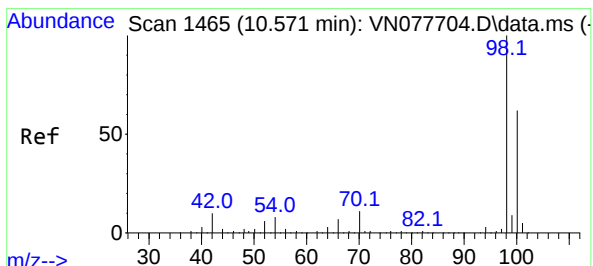
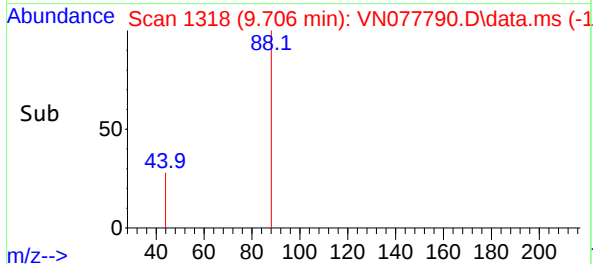
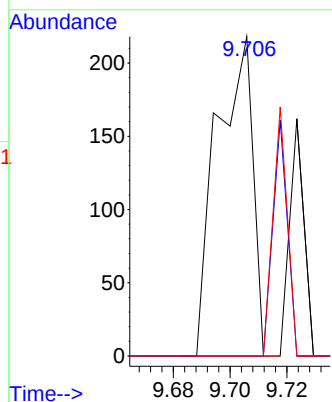
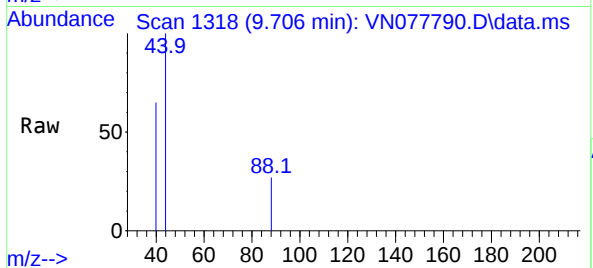




#49
1,4-Dioxane
Concen: 2.247 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

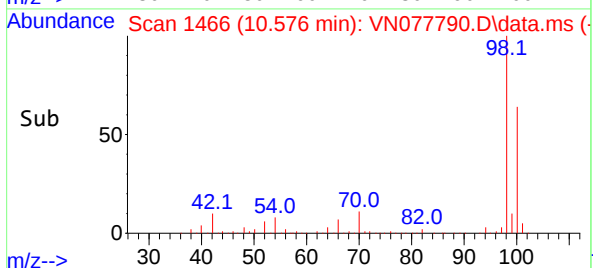
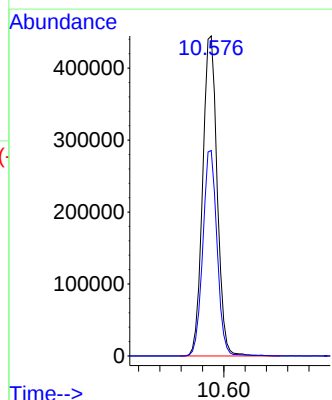
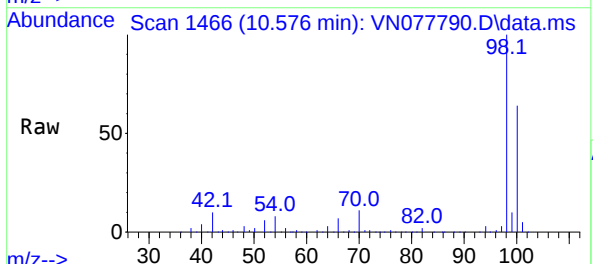
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01S-20230518

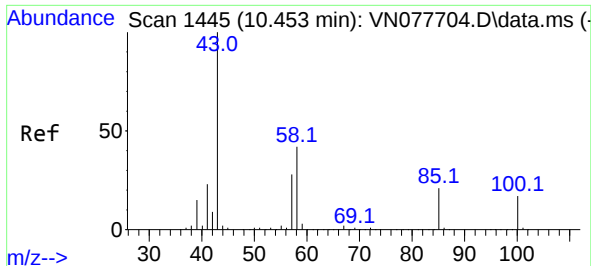
Tgt Ion: 88 Resp: 191
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#



#50
Toluene-d8
Concen: 48.904 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

Tgt Ion: 98 Resp: 838917
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.669 ug/l

RT: 10.570 min Scan# 1445

Delta R.T. 0.123 min

Lab File: VN077790.D

Acq: 22 May 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

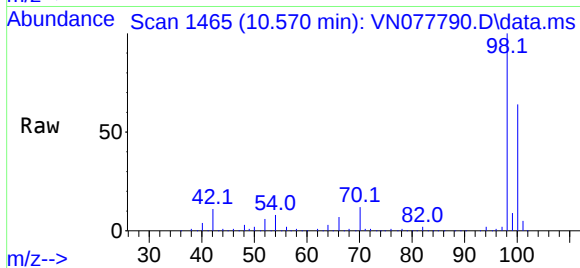
RW8-MW01S-20230518

Tgt Ion: 43 Resp: 3772

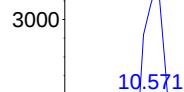
Ion Ratio Lower Upper

43 100

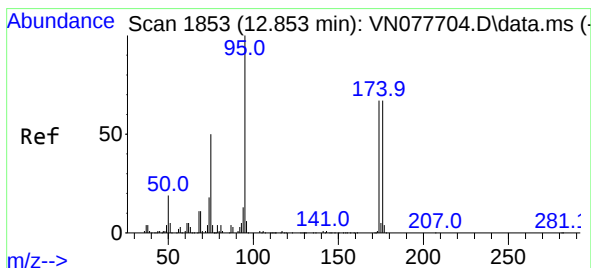
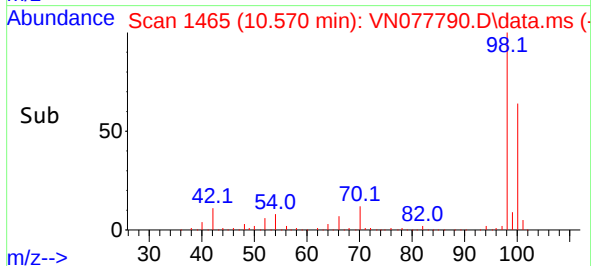
58 167.1 36.6 54.8#



Abundance



Time-->



#62

4-Bromofluorobenzene

Concen: 43.617 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN077790.D

Acq: 22 May 2023 15:29

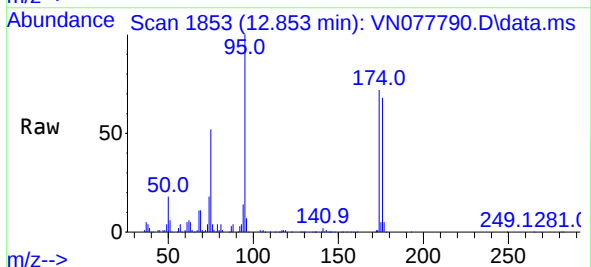
Tgt Ion: 95 Resp: 264255

Ion Ratio Lower Upper

95 100

174 72.2 0.0 143.8

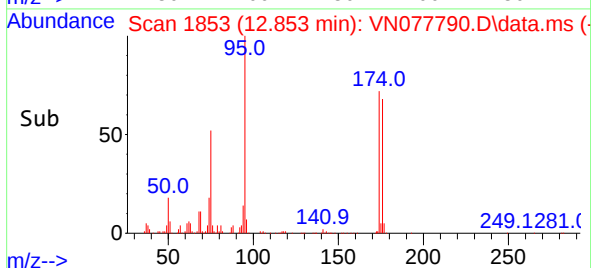
176 70.1 0.0 135.8

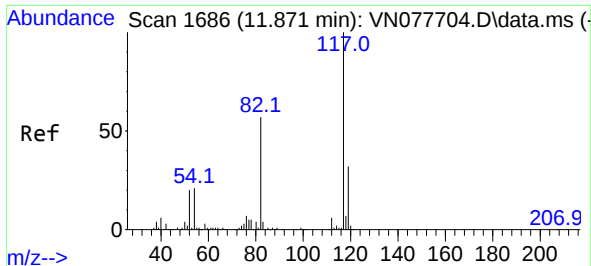


Abundance



Time-->

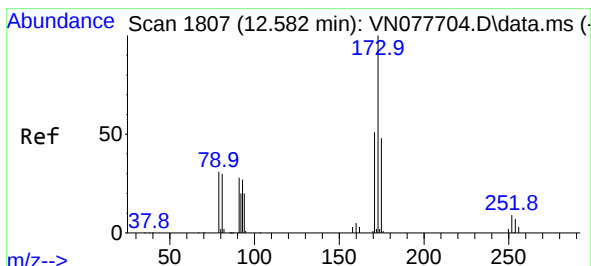
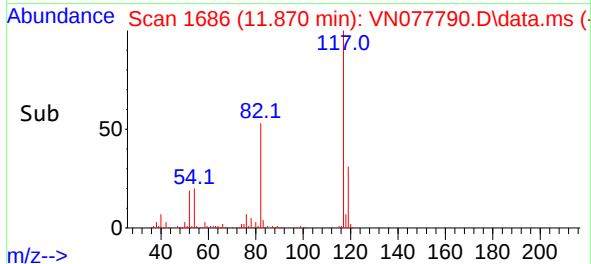
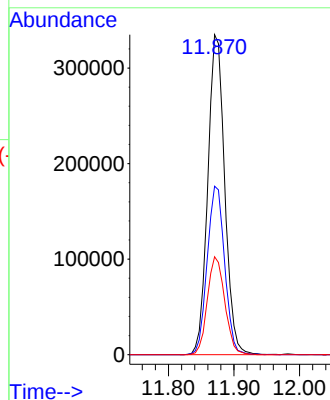
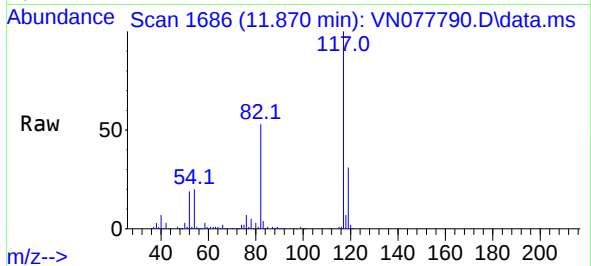




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

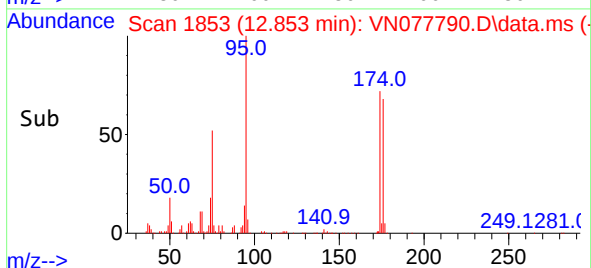
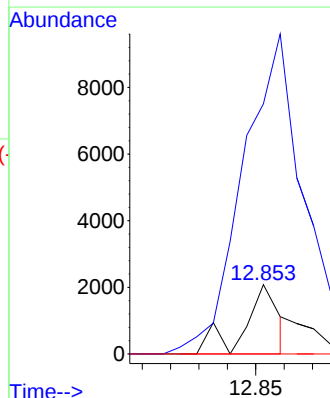
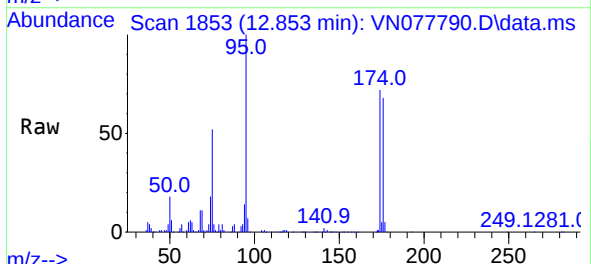
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01S-20230518

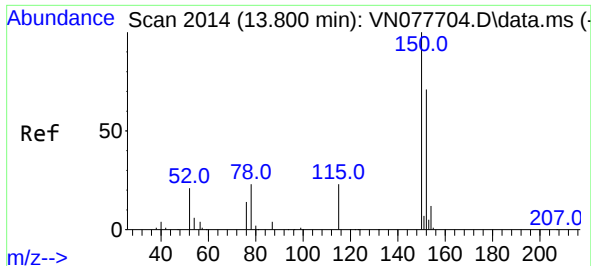
Tgt Ion:117 Resp: 601693
Ion Ratio Lower Upper
117 100
82 52.7 44.0 66.0
119 30.6 25.6 38.4



#71
Bromoform
Concen: 0.584 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

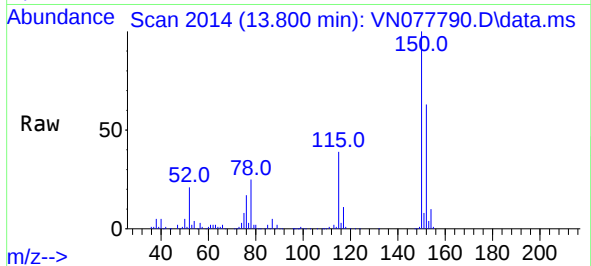
Tgt Ion:173 Resp: 1753
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



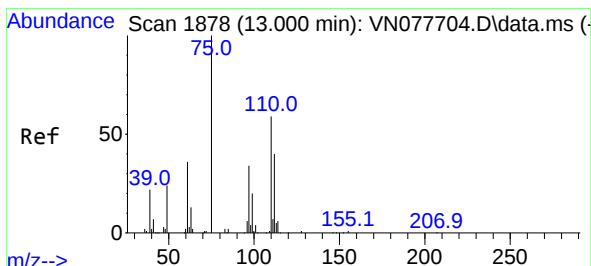
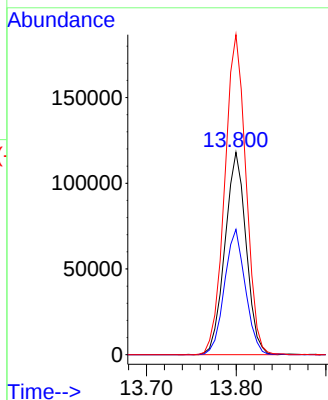
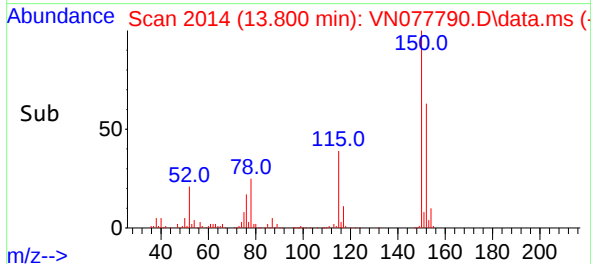


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01S-20230518

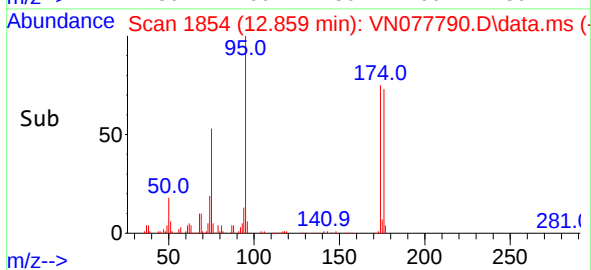
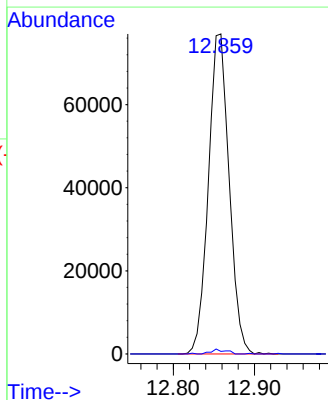
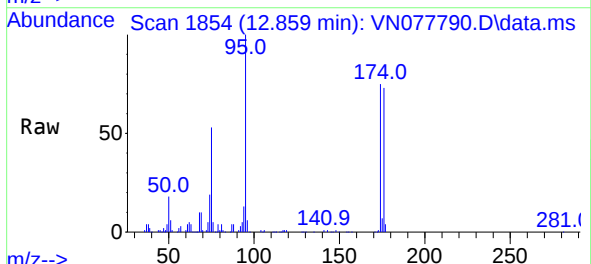


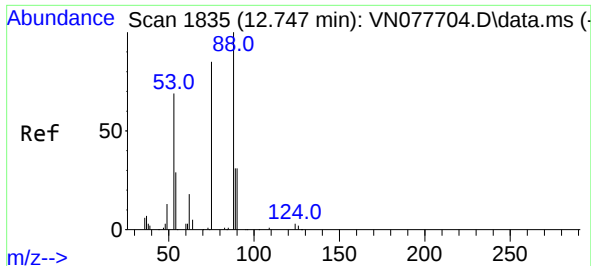
Tgt Ion:152 Resp: 193146
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 159.0 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 28.249 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077790.D
Acq: 22 May 2023 15:29

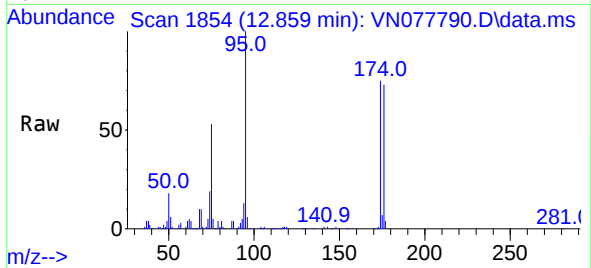
Tgt Ion: 75 Resp: 136640
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.297 ug/l
 RT: 12.859 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN077790.D
 Acq: 22 May 2023 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 RW8-MW01S-20230518



Tgt Ion: 75 Resp: 136640
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

