

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077863.D
 Acq On : 24 May 2023 19:31
 Operator : JC\MD
 Sample : 02910-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW25BR-20230523

Quant Time: May 25 01:44:25 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)

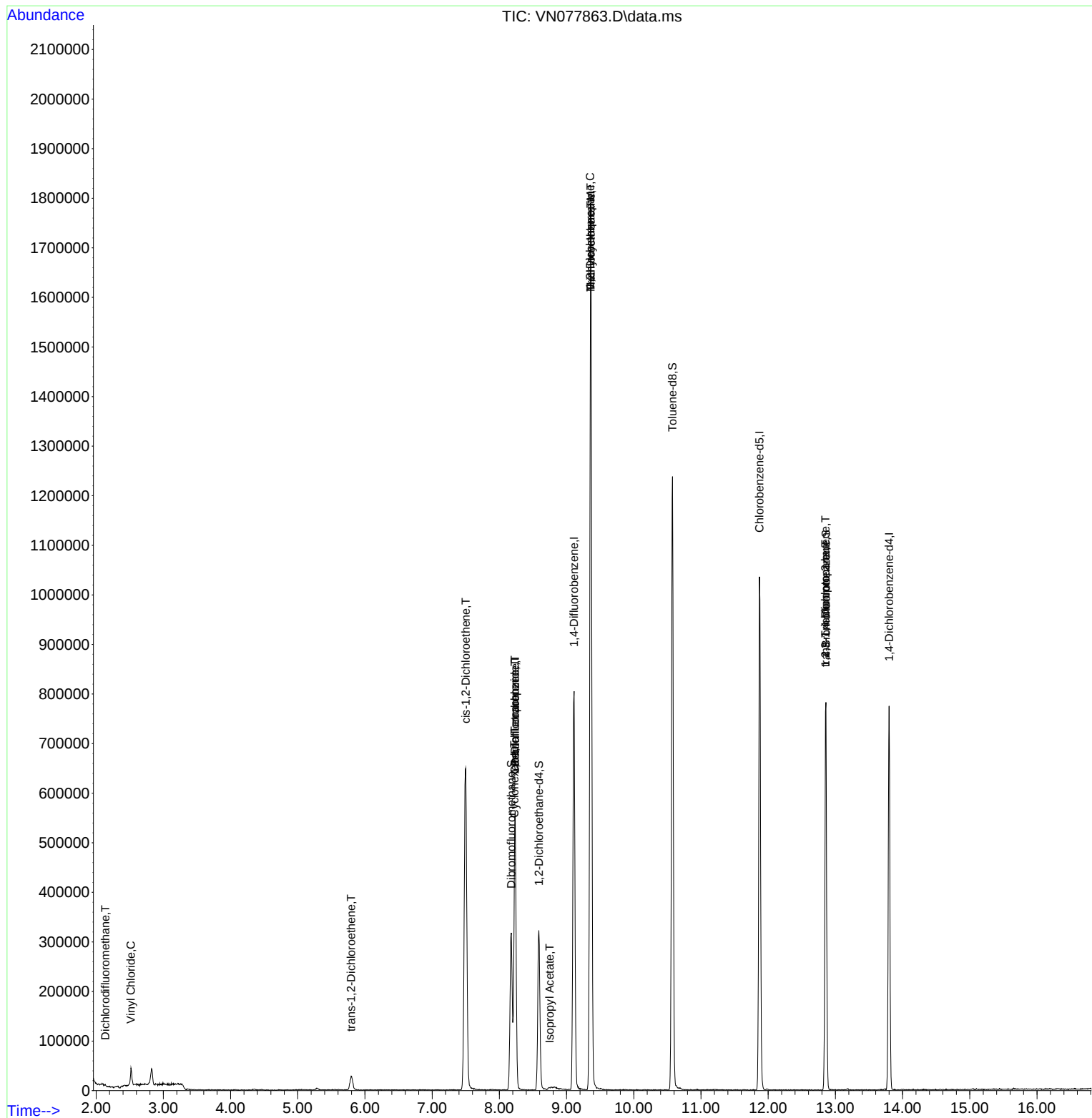
Internal Standards						
1) Pentafluorobenzene	8.235	168	401011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	724301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	629370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	206494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	266109	44.350	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.700%		
35) Dibromofluoromethane	8.177	113	231499	49.014	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.020%		
50) Toluene-d8	10.576	98	897621	49.375	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.760%		
62) 4-Bromofluorobenzene	12.859	95	287270	44.742	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	2319	0.508	ug/l	98
3) Chloromethane	2.377	50	851	Below Cal		90
4) Vinyl Chloride	2.518	62	32354	5.623	ug/l	98
20) Methylene Chloride	5.306	84	2114	Below Cal	#	75
21) trans-1,2-Dichloroethene	5.794	96	18772	3.962	ug/l #	79
27) cis-1,2-Dichloroethene	7.500	96	417431	73.481	ug/l	96
31) Cyclohexane	8.224	56	10088	1.237	ug/l #	50
36) 1,1-Dichloropropene	8.229	75	34952	5.059	ug/l #	47
38) Carbon Tetrachloride	8.229	117	42345	6.070	ug/l #	17
39) Methylcyclohexane	9.359	83	9149	1.082	ug/l #	1
43) Isopropyl Acetate	8.747	43	2982	0.296	ug/l #	49
44) Trichloroethene	9.359	130	635553	123.124	ug/l	100
45) 1,2-Dichloropropane	9.353	63	1631	0.314	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	148821	28.778	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	148821	91.989	ug/l #	15

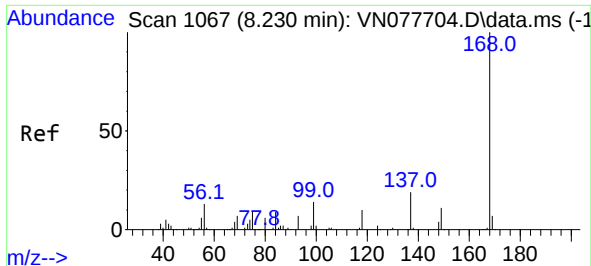
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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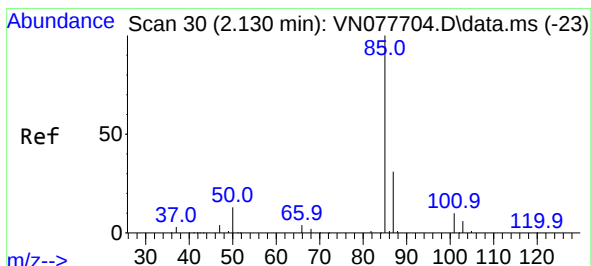
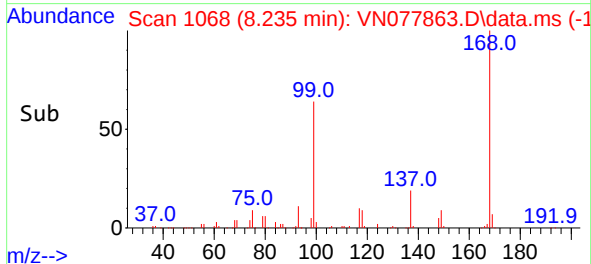
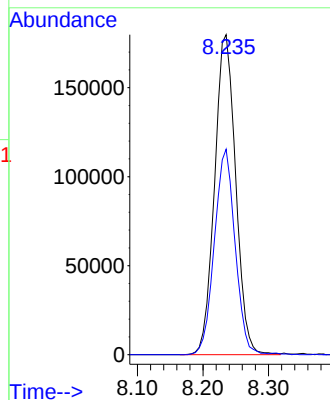
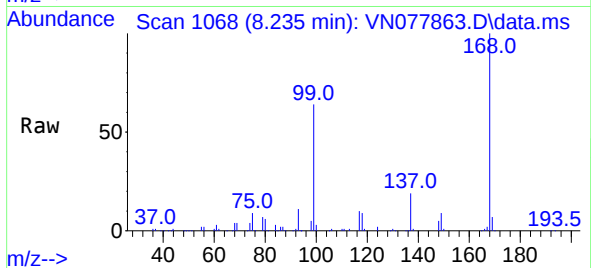




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

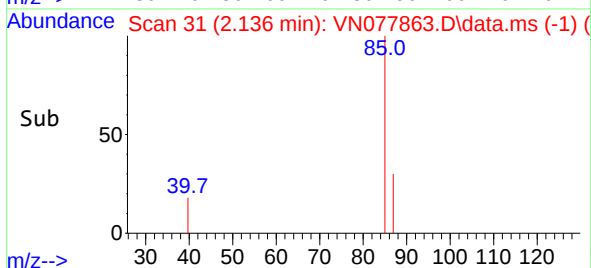
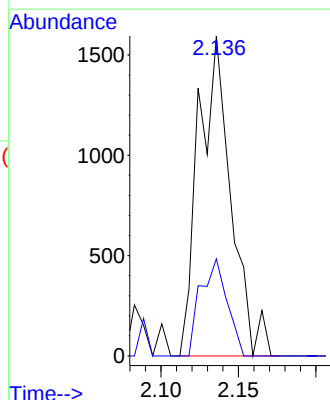
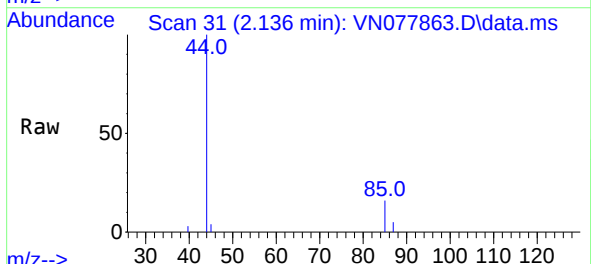
Instrument :
MSVOA_N
ClientSampleId :
MW25BR-20230523

Tgt Ion:168 Resp: 401011
Ion Ratio Lower Upper
168 100
99 64.2 53.0 79.6

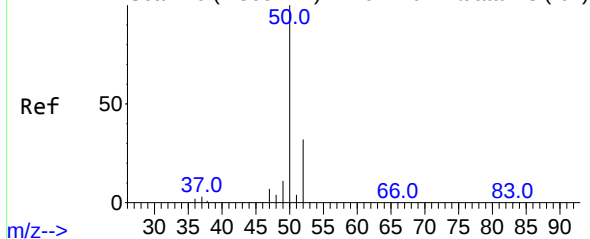


#2
Dichlorodifluoromethane
Concen: 0.508 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

Tgt Ion: 85 Resp: 2319
Ion Ratio Lower Upper
85 100
87 30.3 15.8 47.4



Abundance Scan 70 (2.365 min): VN077704.D\data.ms (-62)



#3

Chloromethane

Concen: Below Cal

RT: 2.377 min Scan# 70

Delta R.T. 0.012 min

Lab File: VN077863.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

MW25BR-20230523

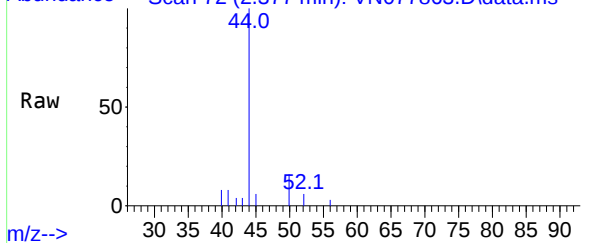
Tgt Ion: 50 Resp: 851

Ion Ratio Lower Upper

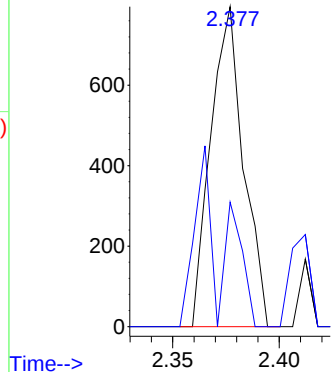
50 100

52 38.9 26.5 39.7

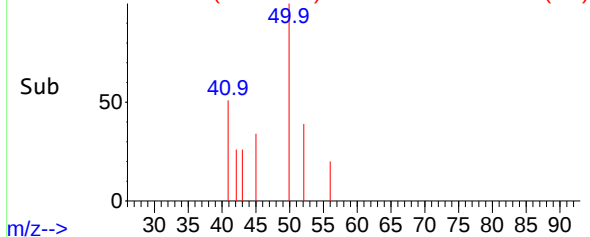
Abundance Scan 72 (2.377 min): VN077863.D\data.ms



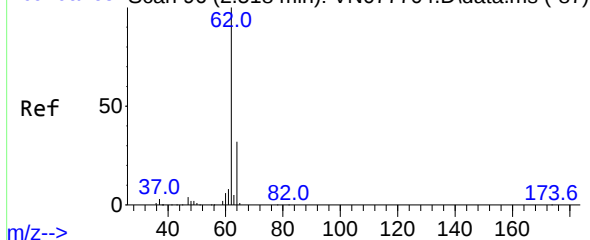
Abundance



Abundance Scan 72 (2.377 min): VN077863.D\data.ms (-19)



Abundance Scan 96 (2.518 min): VN077704.D\data.ms (-87)



#4

Vinyl Chloride

Concen: 5.623 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN077863.D

Acq: 24 May 2023 19:31

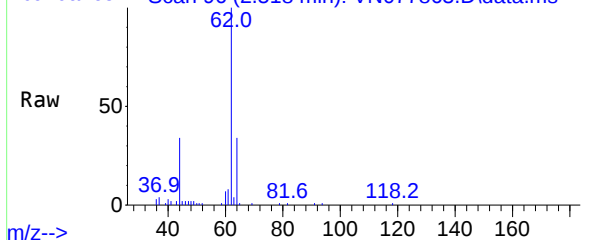
Tgt Ion: 62 Resp: 32354

Ion Ratio Lower Upper

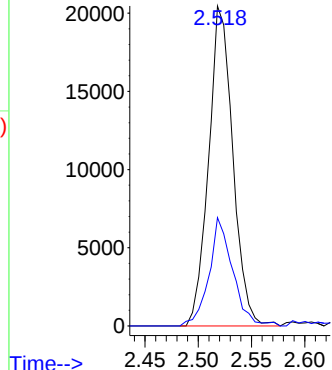
62 100

64 33.8 26.2 39.2

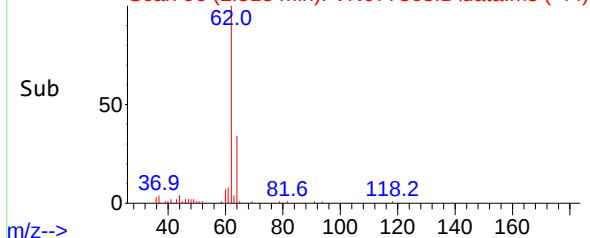
Abundance Scan 96 (2.518 min): VN077863.D\data.ms

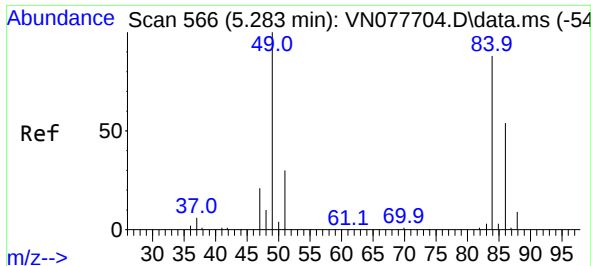


Abundance



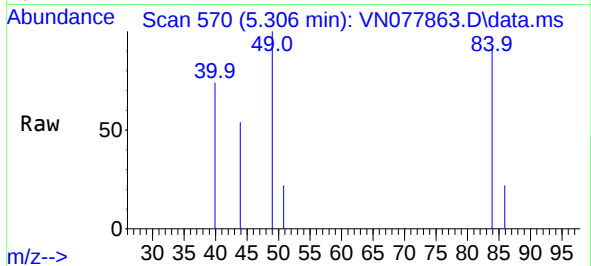
Abundance Scan 96 (2.518 min): VN077863.D\data.ms (-44)





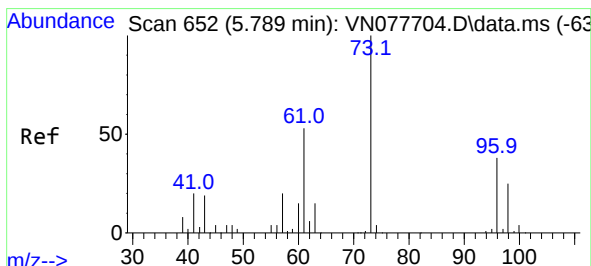
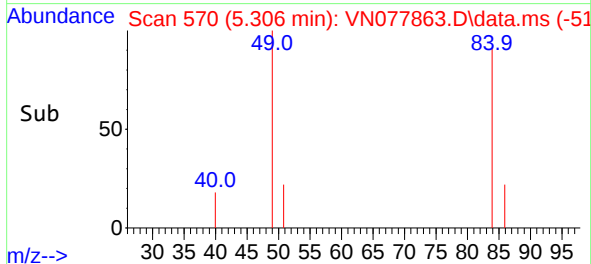
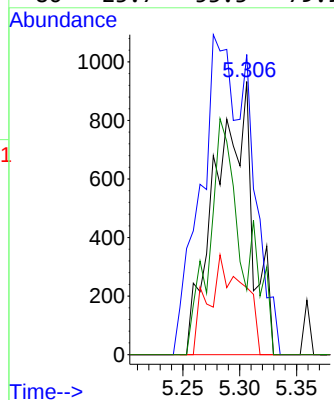
#20
Methylene Chloride
Concen: Below Cal
RT: 5.306 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

Instrument :
MSVOA_N
ClientSampleId :
MW25BR-20230523



Tgt Ion: 84 Resp: 2114

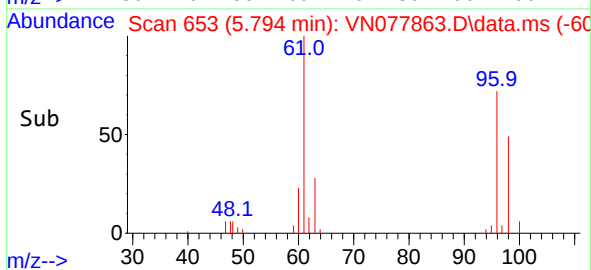
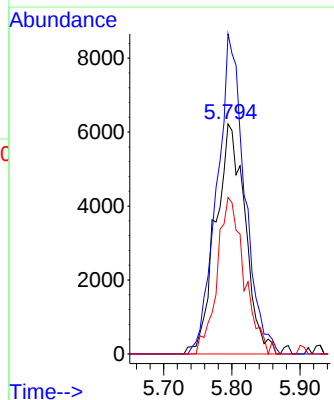
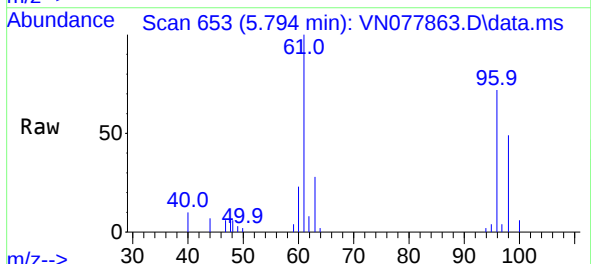
Ion	Ratio	Lower	Upper
84	100		
49	109.9	79.7	119.5
51	24.5	25.2	37.8#
86	23.7	53.3	79.9#

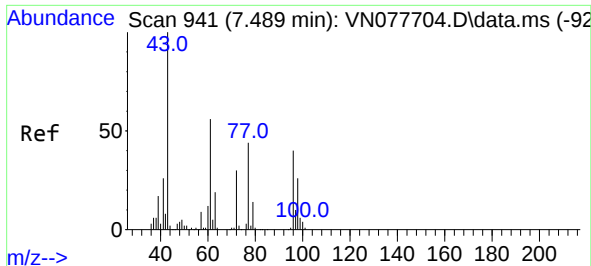


#21
trans-1,2-Dichloroethene
Concen: 3.962 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

Tgt Ion: 96 Resp: 18772

Ion	Ratio	Lower	Upper
96	100		
61	139.0	90.1	135.1#
98	68.0	46.4	69.6

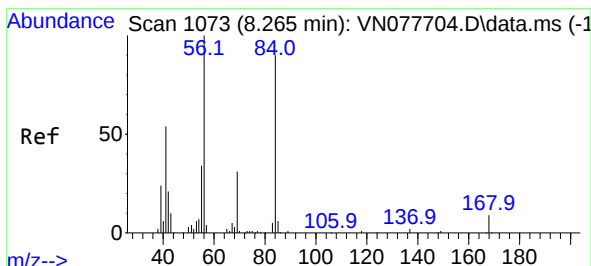
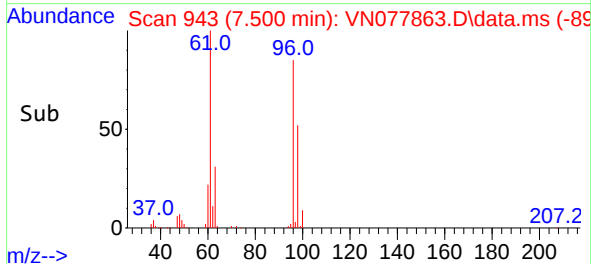
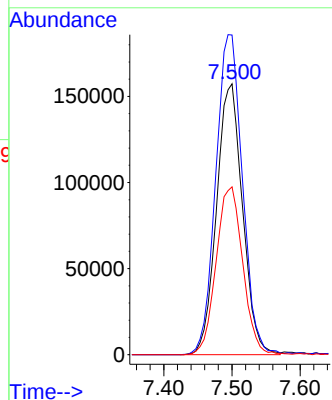
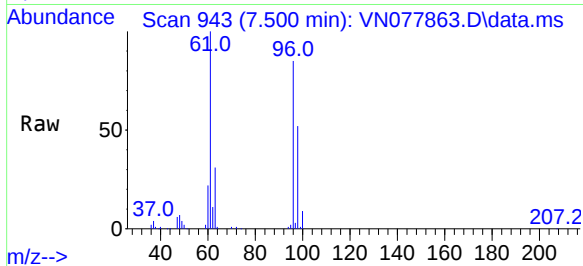




#27
 cis-1,2-Dichloroethene
 Concen: 73.481 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN077863.D
 Acq: 24 May 2023 19:31

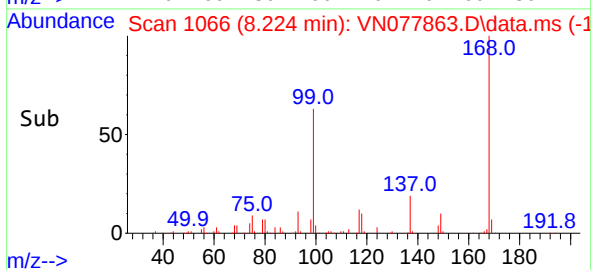
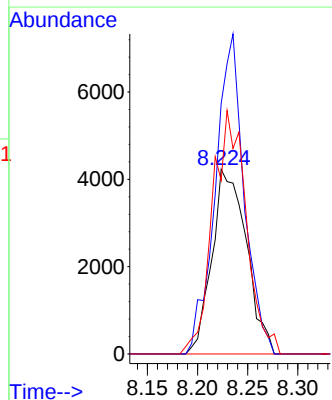
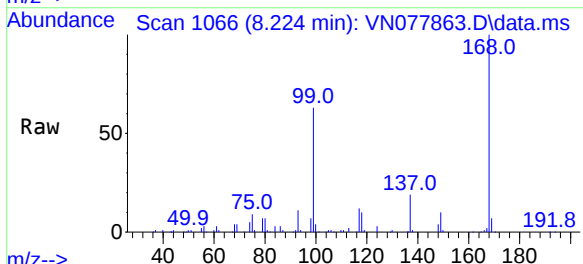
Instrument :
 MSVOA_N
 ClientSampleId :
 MW25BR-20230523

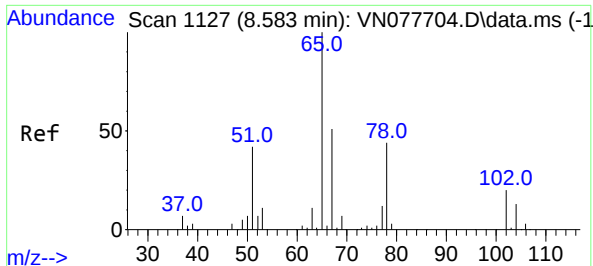
Tgt Ion: 96 Resp: 417431
 Ion Ratio Lower Upper
 96 100
 61 121.1 0.0 255.2
 98 63.5 0.0 128.8



#31
 Cyclohexane
 Concen: 1.237 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.041 min
 Lab File: VN077863.D
 Acq: 24 May 2023 19:31

Tgt Ion: 56 Resp: 10088
 Ion Ratio Lower Upper
 56 100
 69 135.7 26.8 40.2#
 84 94.0 81.8 122.6

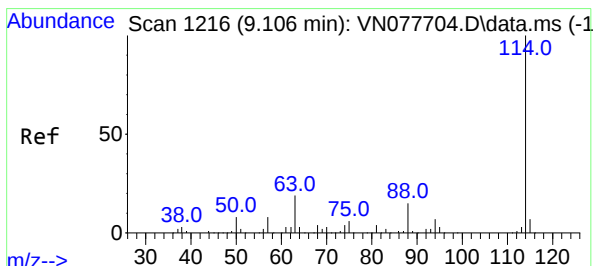
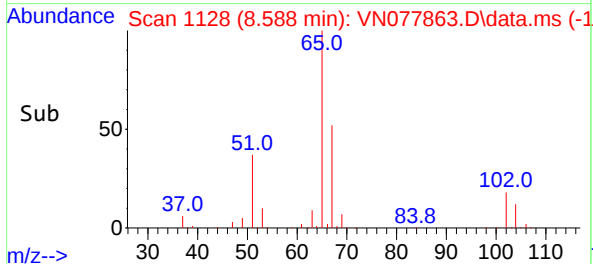
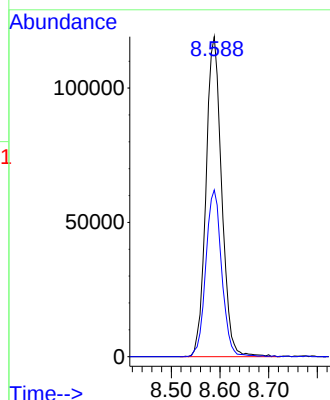
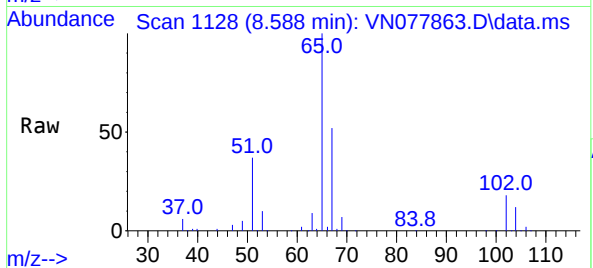




#33
1,2-Dichloroethane-d4
Concen: 44.350 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

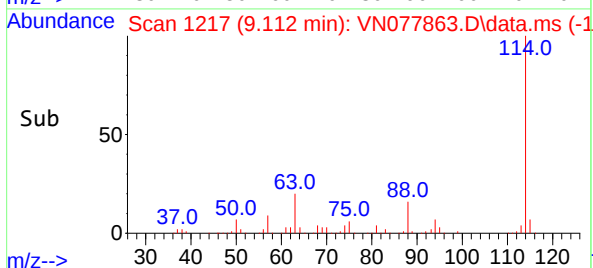
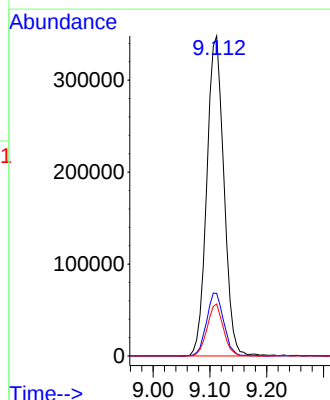
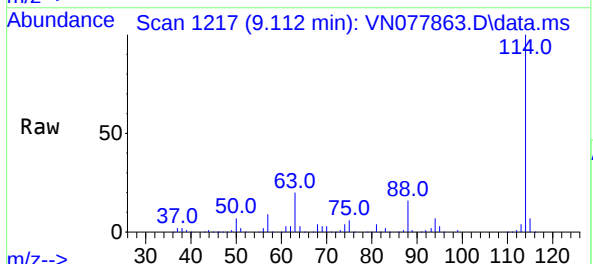
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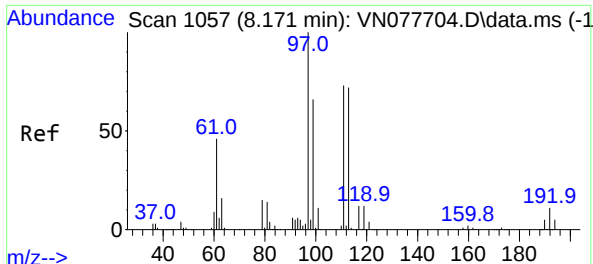
Tgt Ion: 65 Resp: 266109
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

Tgt Ion: 114 Resp: 724301
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.4
88 16.2 0.0 30.6

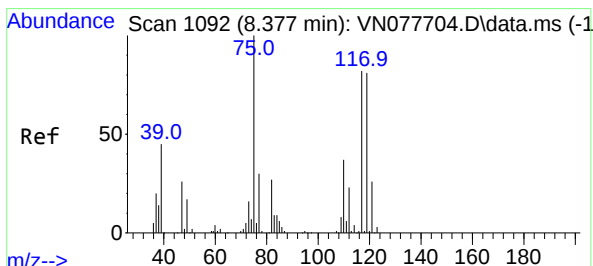
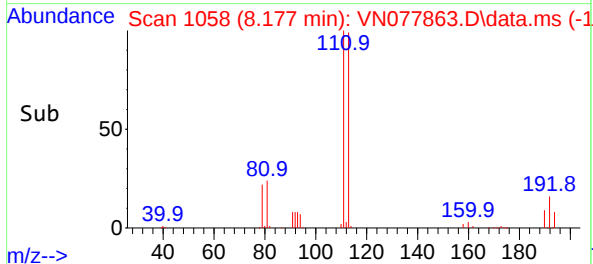
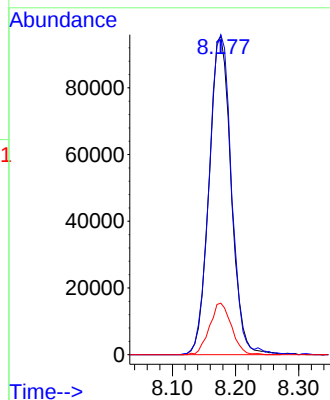
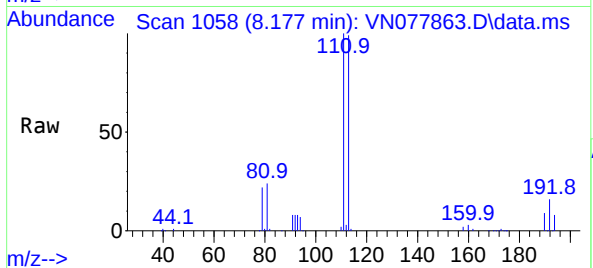




#35
Dibromofluoromethane
Concen: 49.014 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

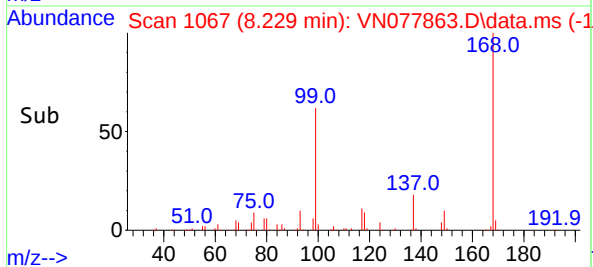
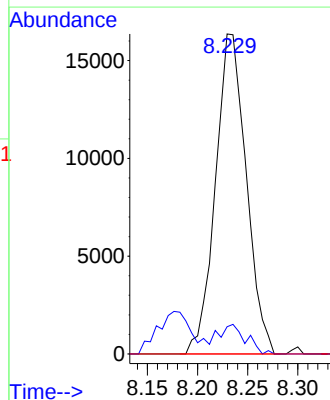
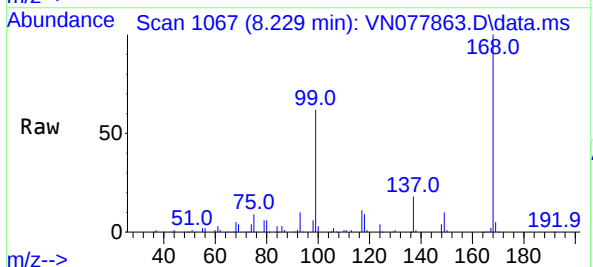
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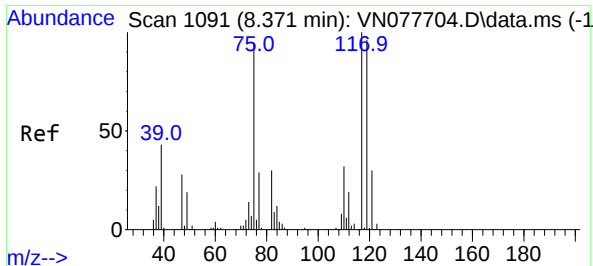
Tgt Ion:113 Resp: 231499
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 16.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.059 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.148 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

Tgt Ion: 75 Resp: 34952
Ion Ratio Lower Upper
75 100
110 8.2 19.1 57.3#
77 0.0 25.0 37.4#

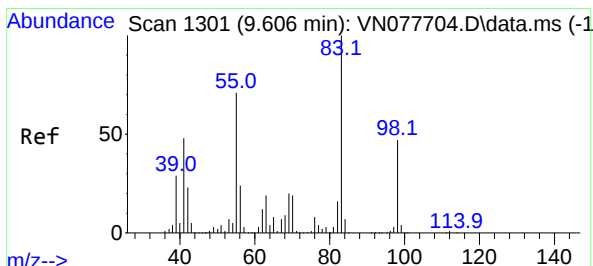
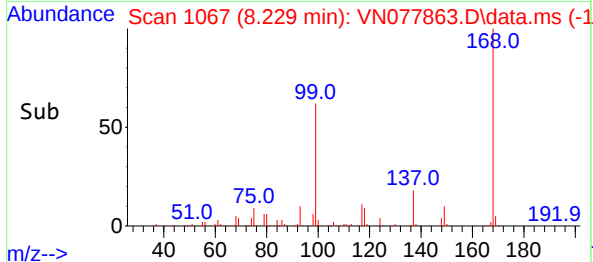
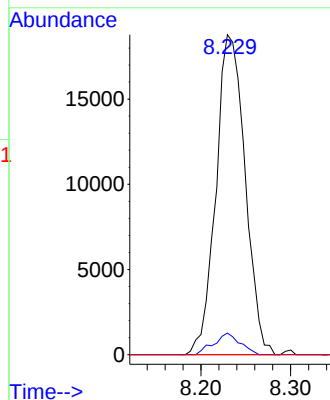
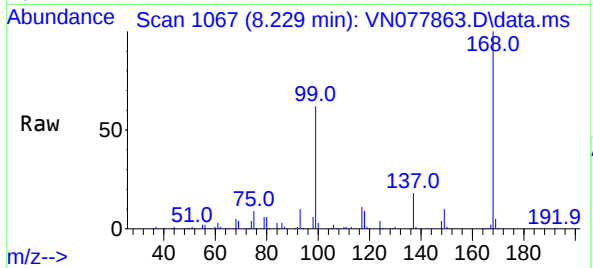




#38
Carbon Tetrachloride
Concen: 6.070 ug/l
RT: 8.229 min Scan# 117
Delta R.T. -0.142 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

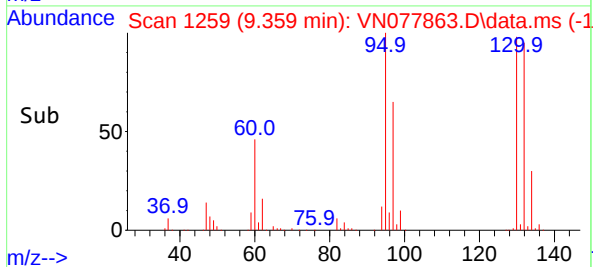
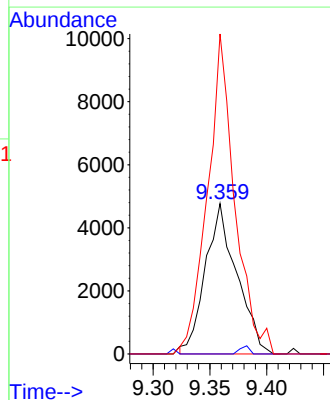
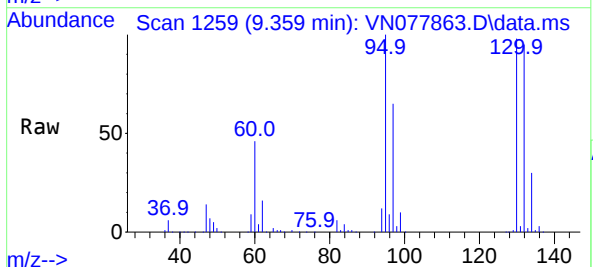
Instrument :
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ClientSampleId :
MW25BR-20230523

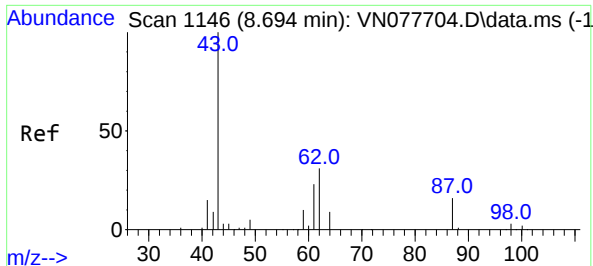
Tgt Ion:117 Resp: 42345
Ion Ratio Lower Upper
117 100
119 6.8 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 1.082 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.247 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

Tgt Ion: 83 Resp: 9149
Ion Ratio Lower Upper
83 100
55 0.0 49.1 73.7#
98 212.7 40.6 61.0#





#43

Isopropyl Acetate

Concen: 0.296 ug/l

RT: 8.747 min Scan# 1146

Delta R.T. 0.053 min

Lab File: VN077863.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

MW25BR-20230523

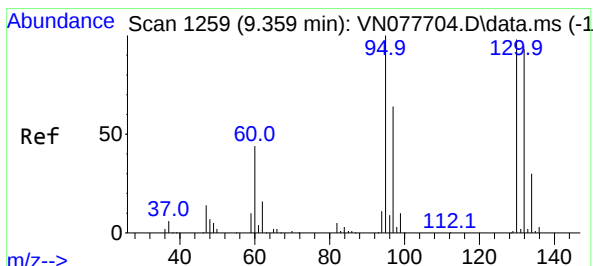
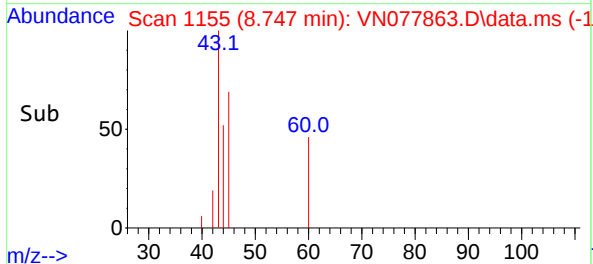
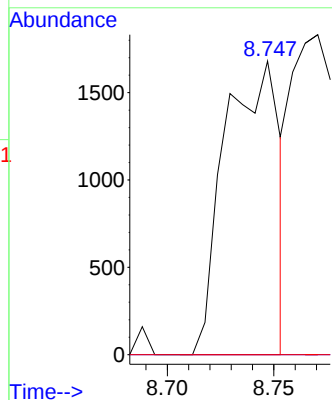
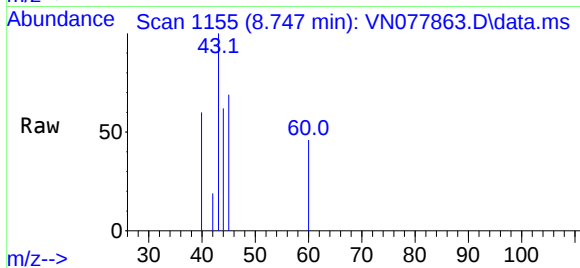
Tgt Ion: 43 Resp: 2982

Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#



#44

Trichloroethene

Concen: 123.124 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN077863.D

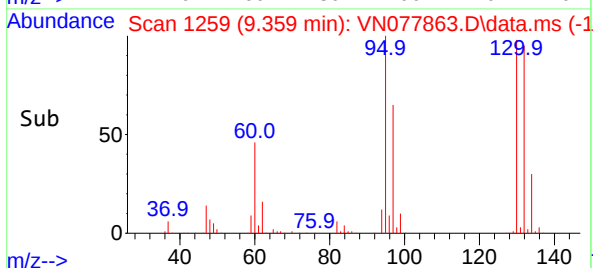
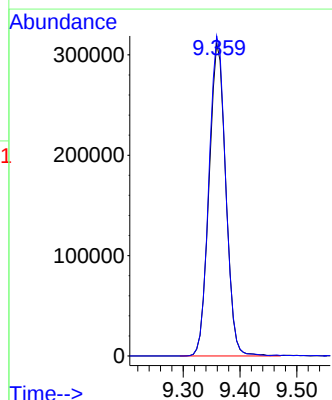
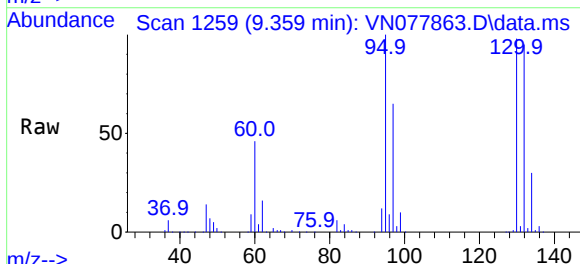
Acq: 24 May 2023 19:31

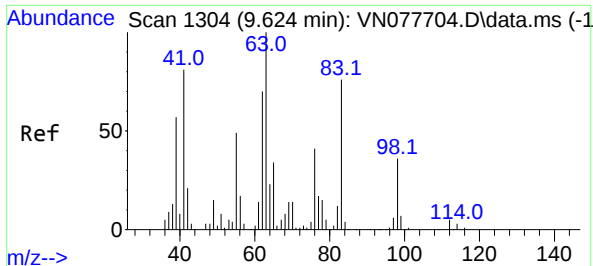
Tgt Ion:130 Resp: 635553

Ion Ratio Lower Upper

130 100

95 102.3 0.0 204.6

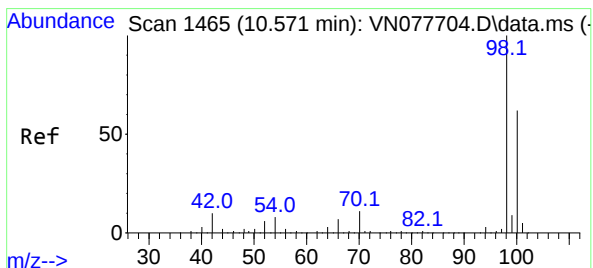
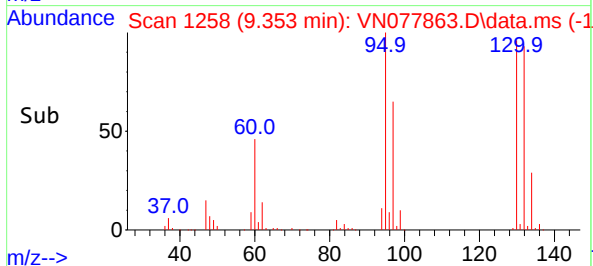
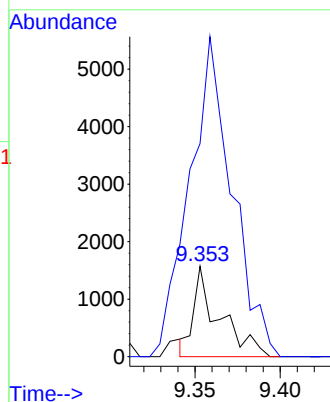
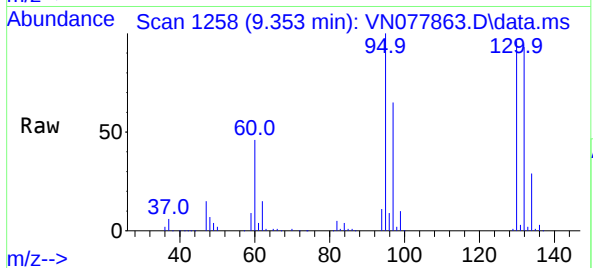




#45
1,2-Dichloropropane
Concen: 0.314 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.271 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

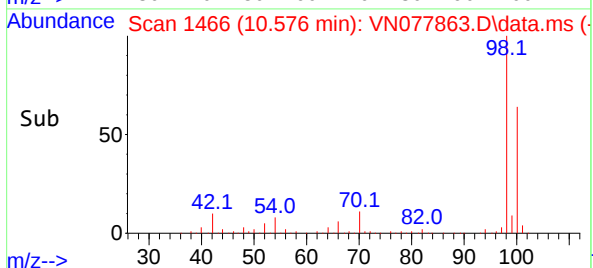
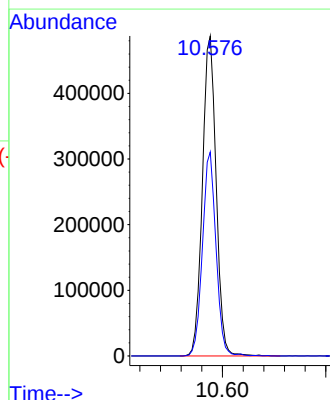
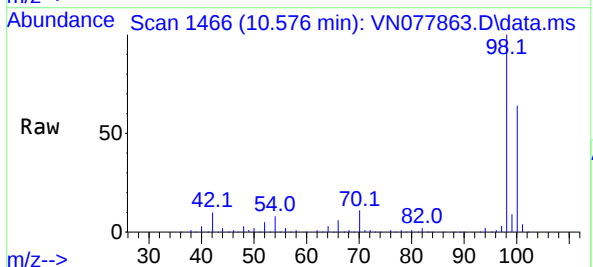
Instrument :
MSVOA_N
ClientSampleId :
MW25BR-20230523

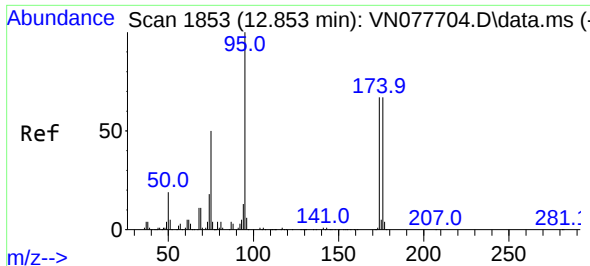
Tgt Ion: 63 Resp: 1631
Ion Ratio Lower Upper
63 100
65 235.6 23.9 35.9#



#50
Toluene-d8
Concen: 49.375 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

Tgt Ion: 98 Resp: 897621
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0

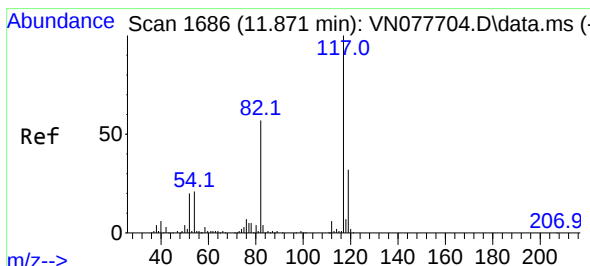
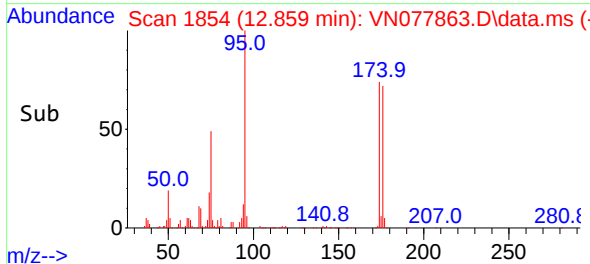
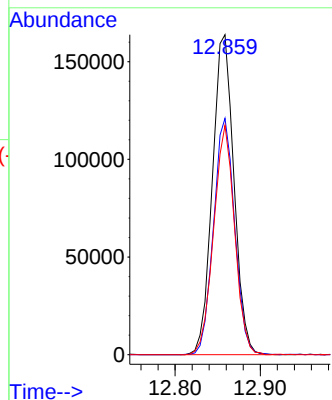
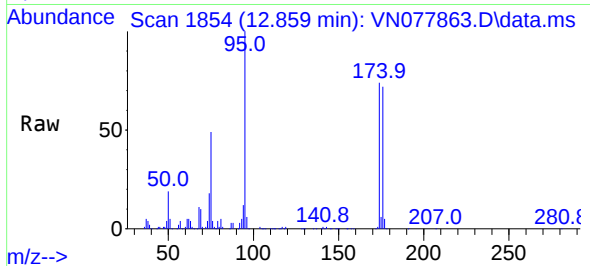




#62
4-Bromofluorobenzene
Concen: 44.742 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

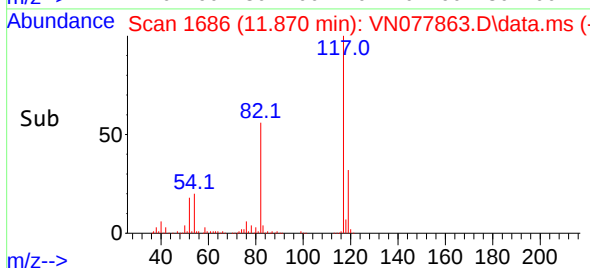
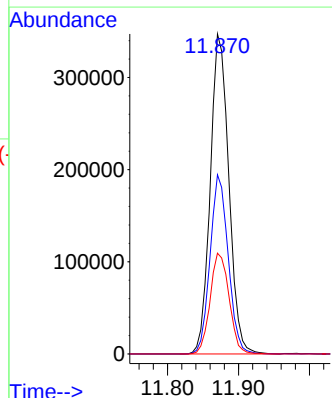
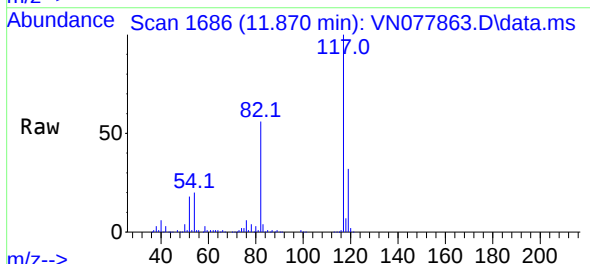
Instrument :
MSVOA_N
ClientSampleId :
MW25BR-20230523

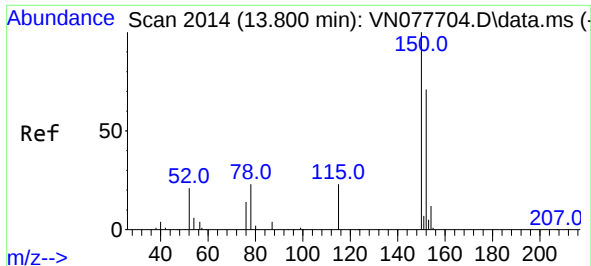
Tgt Ion: 95 Resp: 287270
Ion Ratio Lower Upper
95 100
174 72.7 0.0 143.8
176 69.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

Tgt Ion: 117 Resp: 629370
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 31.5 25.6 38.4

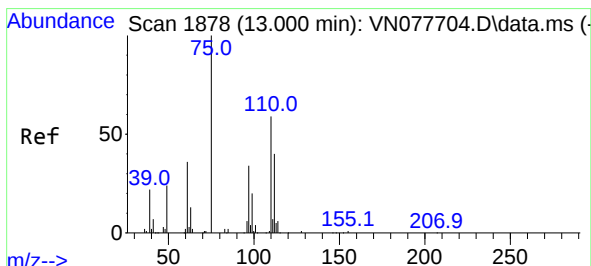
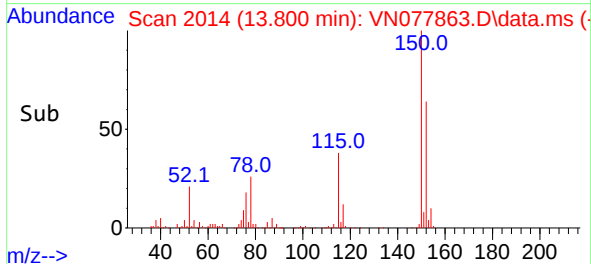
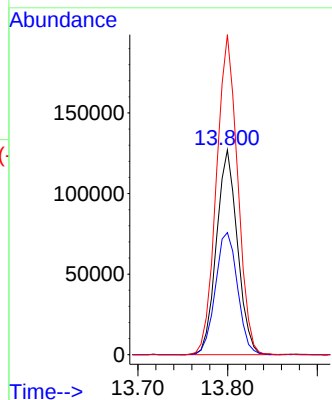
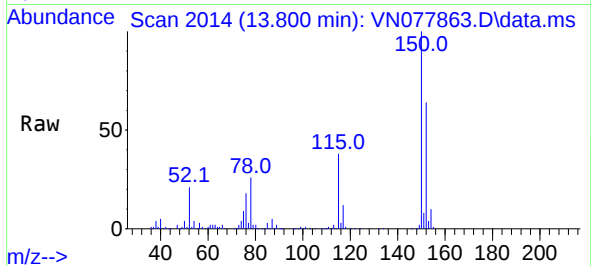




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

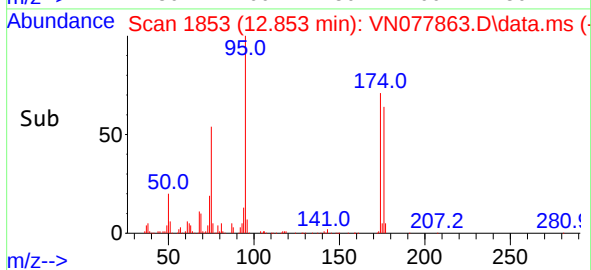
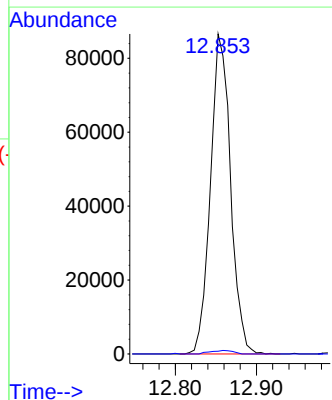
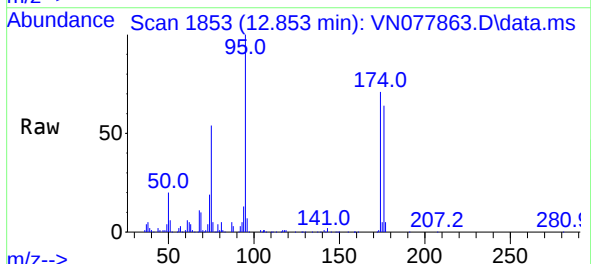
Instrument :
MSVOA_N
ClientSampleId :
MW25BR-20230523

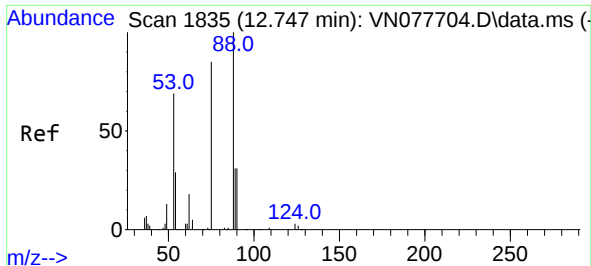
Tgt Ion:152 Resp: 206494
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 157.9 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 28.778 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

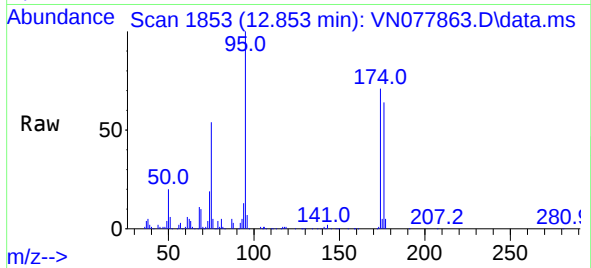
Tgt Ion: 75 Resp: 148821
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.989 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN077863.D
 Acq: 24 May 2023 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 MW25BR-20230523



Tgt Ion: 75 Resp: 148821
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

