

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079863.D
 Acq On : 03 Nov 2023 20:50
 Operator : JC\MD
 Sample : 05095-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 00:59:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

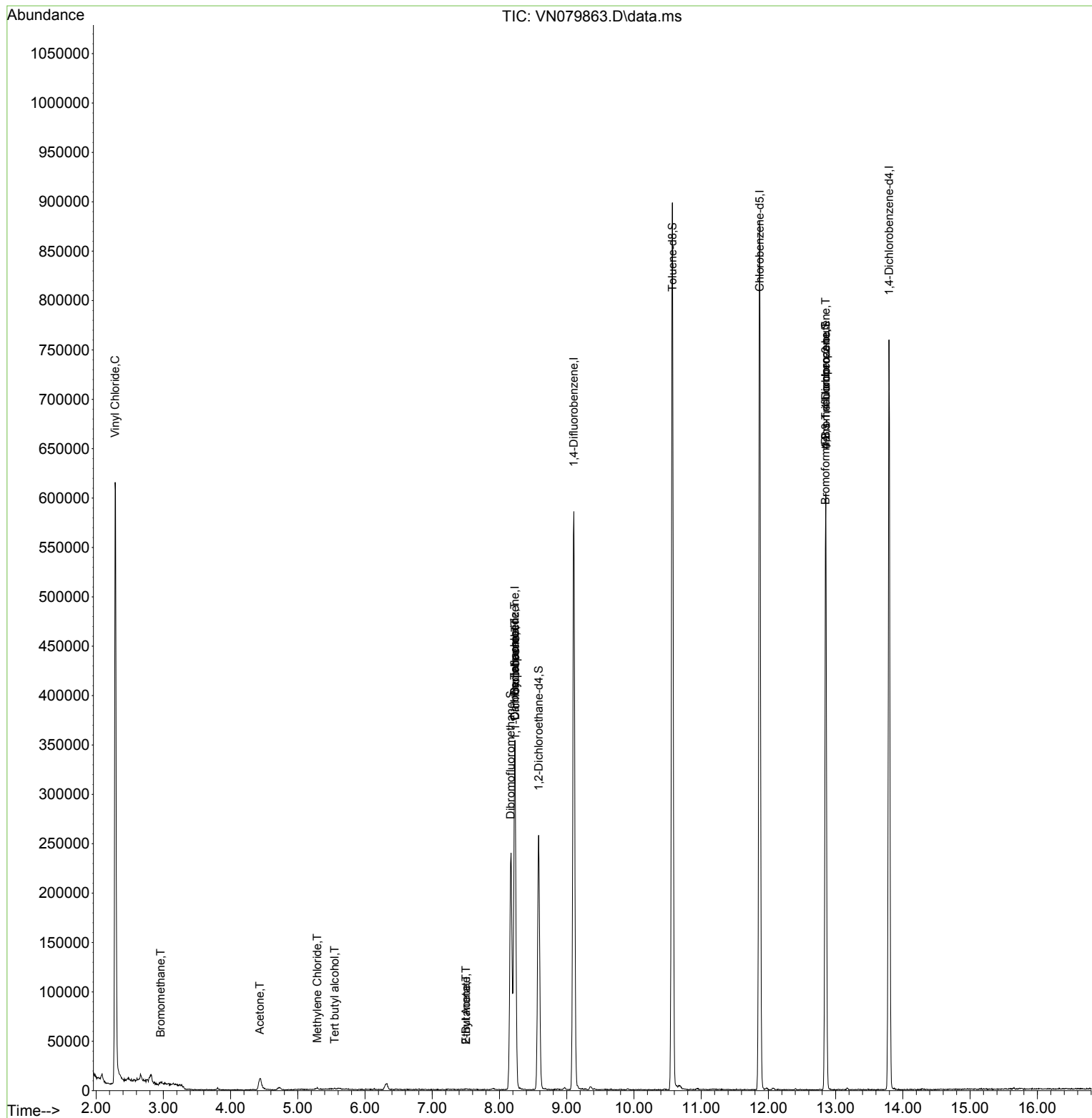
Internal Standards						
1) Pentafluorobenzene	8.230	168	240105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	483163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	489053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	192805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	208005	56.862	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.720%
35) Dibromofluoromethane	8.165	113	170180	49.766	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.540%
50) Toluene-d8	10.571	98	589947	46.862	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.720%
62) 4-Bromofluorobenzene	12.853	95	194111	46.492	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.980%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1634	Below Cal		95
4) Vinyl Chloride	2.283	62	6644	1.755	ug/l #	1
5) Bromomethane	2.959	94	1325	0.576	ug/l	83
11) Tert butyl alcohol	5.547	59	95	0.203	ug/l #	72
16) Acetone	4.436	43	24418	19.003	ug/l	92
20) Methylene Chloride	5.289	84	1083	0.334	ug/l #	68
25) 2-Butanone	7.500	43	1902	1.011	ug/l #	76
31) Cyclohexane	8.230	56	6685	1.383	ug/l #	34
36) 1,1-Dichloropropene	8.236	75	21732	4.451	ug/l #	47
37) Ethyl Acetate	7.500	43	1902	0.425	ug/l #	63
38) Carbon Tetrachloride	8.224	117	26378	5.360	ug/l #	15
71) Bromoform	12.847	173	1857	0.684	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	106581	23.546	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	106581	64.063	ug/l #	15

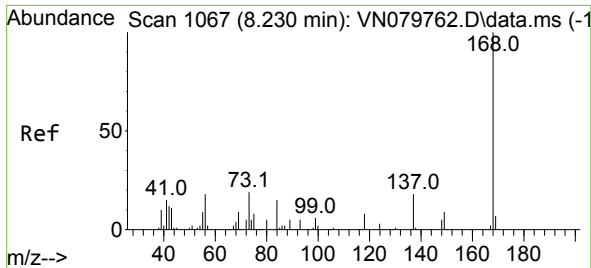
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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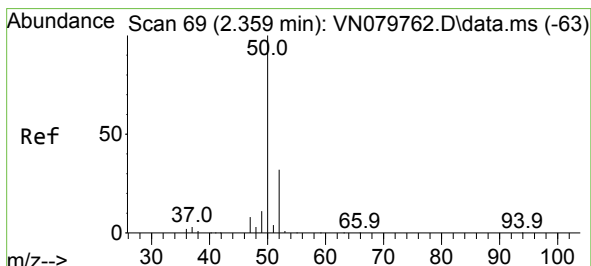
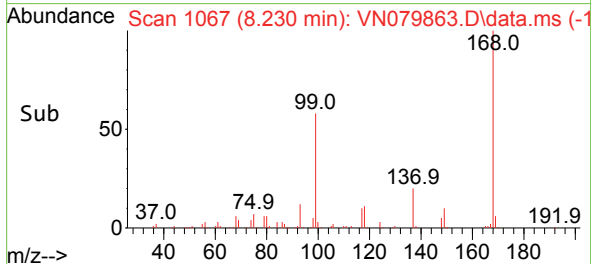
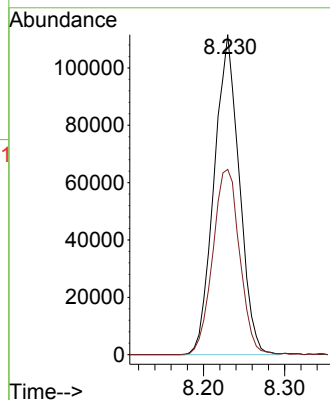
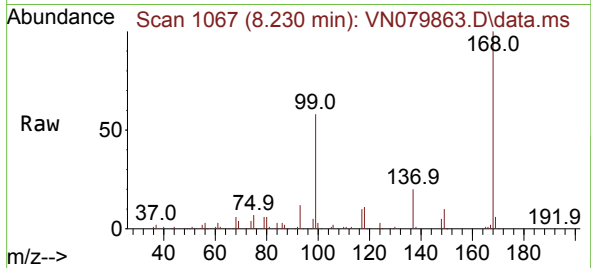




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079863.D
Acq: 03 Nov 2023 20:50

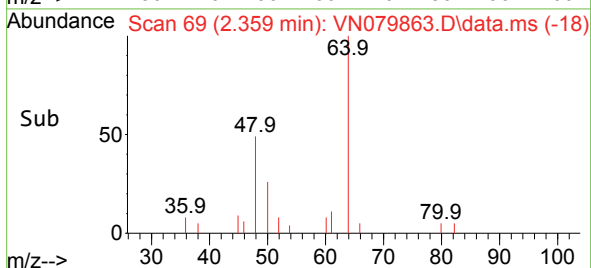
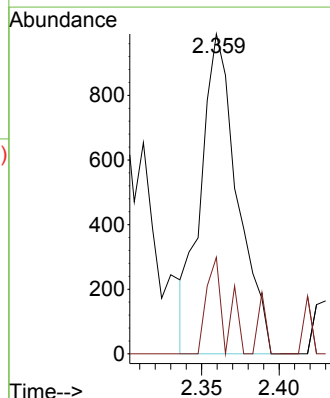
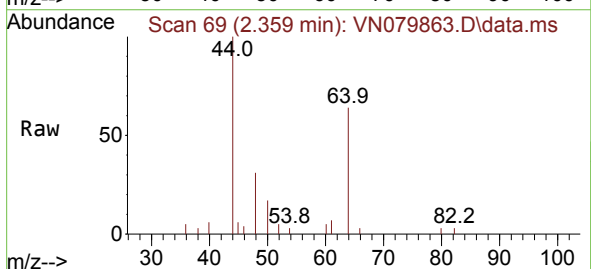
Instrument :
MSVOA_N
ClientSampleId :

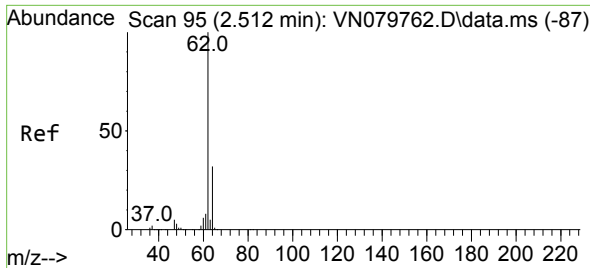
Tgt Ion:168 Resp: 240105
Ion Ratio Lower Upper
168 100
99 57.9 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079863.D
Acq: 03 Nov 2023 20:50

Tgt Ion: 50 Resp: 1634
Ion Ratio Lower Upper
50 100
52 30.2 26.5 39.7

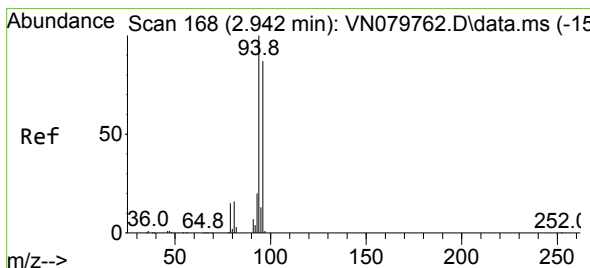
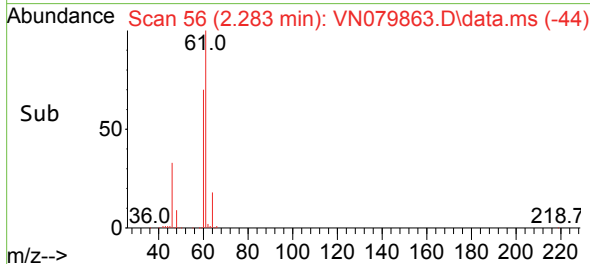
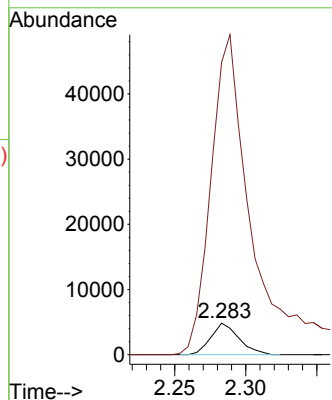
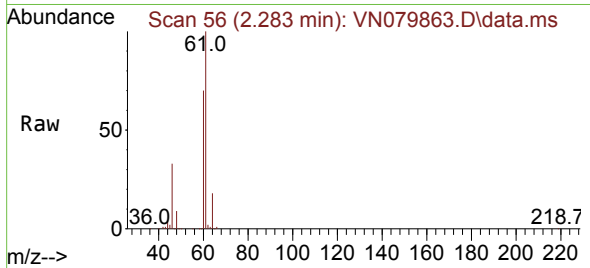




#4
Vinyl Chloride
Concen: 1.755 ug/l
RT: 2.283 min Scan# 50
Delta R.T. -0.229 min
Lab File: VN079863.D
Acq: 03 Nov 2023 20:50

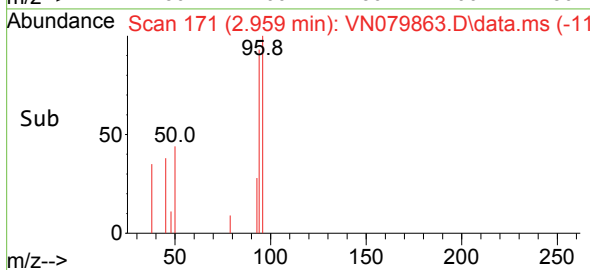
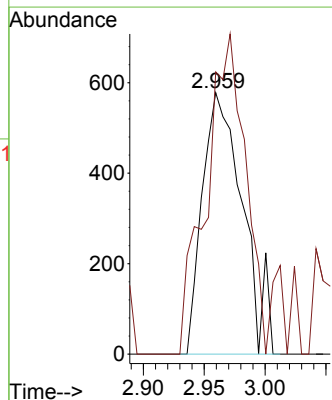
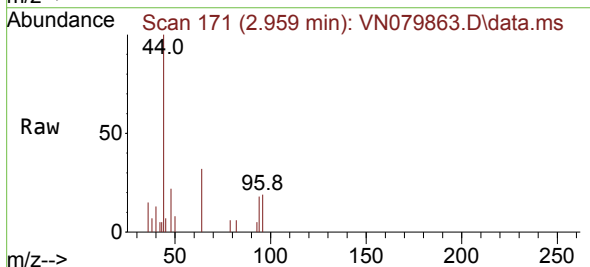
Instrument :
MSVOA_N
ClientSampleId :

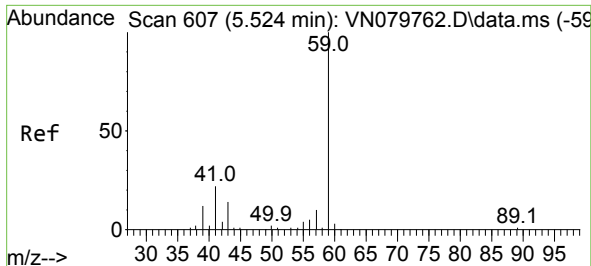
Tgt Ion: 62 Resp: 6644
Ion Ratio Lower Upper
62 100
64 922.3 26.2 39.2#



#5
Bromomethane
Concen: 0.576 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN079863.D
Acq: 03 Nov 2023 20:50

Tgt Ion: 94 Resp: 1325
Ion Ratio Lower Upper
94 100
96 108.0 73.1 109.7

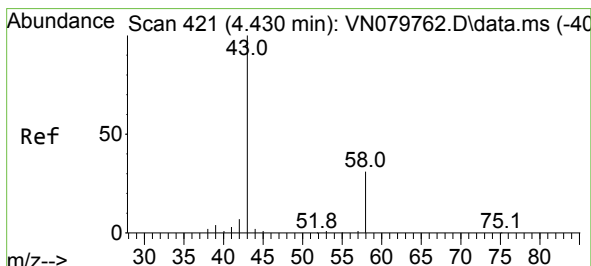
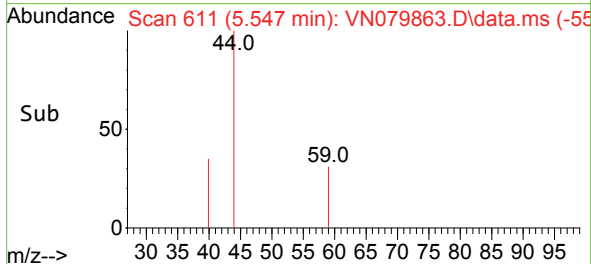
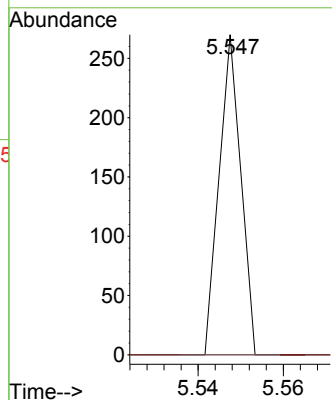
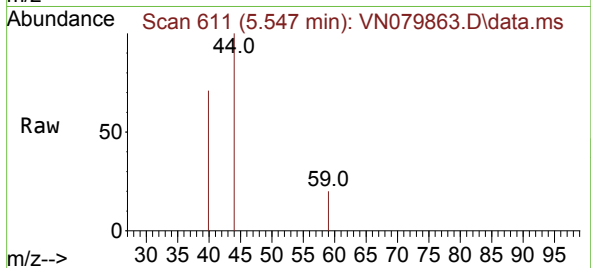




#11
Tert butyl alcohol
Concen: 0.203 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.030 min
Lab File: VN079863.D
Acq: 03 Nov 2023 20:50

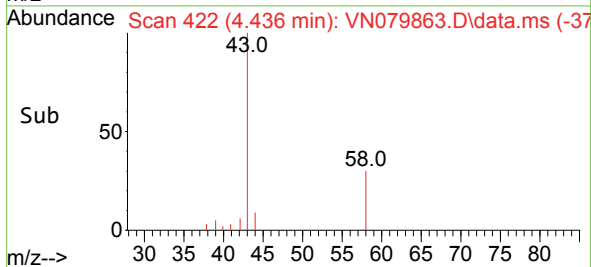
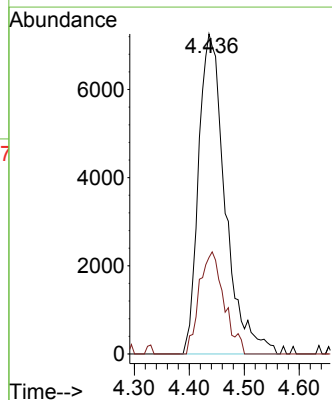
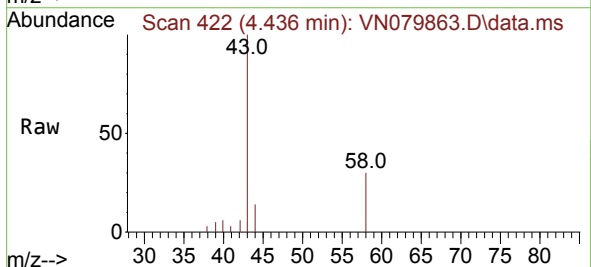
Instrument :
MSVOA_N
ClientSampleId :

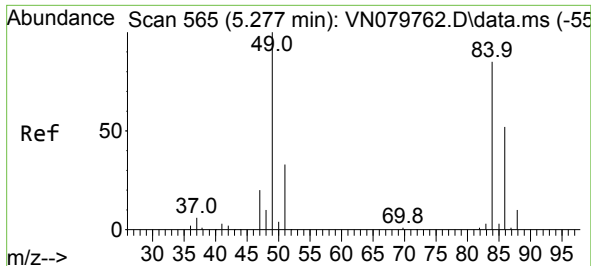
Tgt Ion: 59 Resp: 95
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 19.003 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079863.D
Acq: 03 Nov 2023 20:50

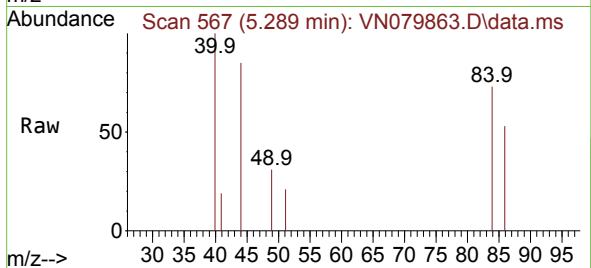
Tgt Ion: 43 Resp: 24418
Ion Ratio Lower Upper
43 100
58 30.2 28.0 42.0





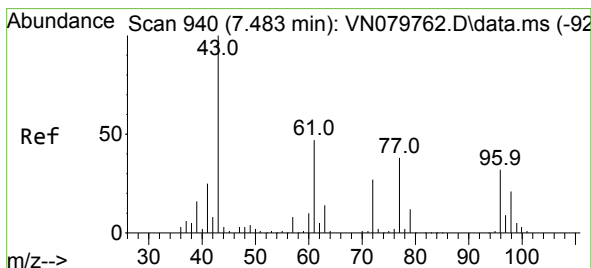
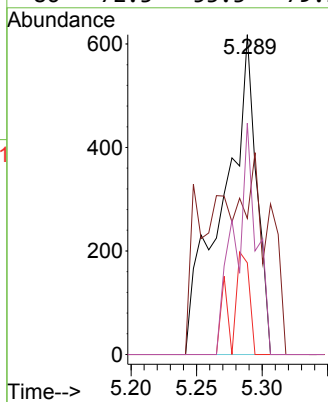
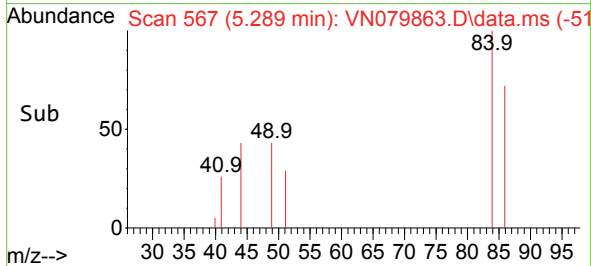
#20
Methylene Chloride
Concen: 0.334 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN079863.D
Acq: 03 Nov 2023 20:50

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 1083

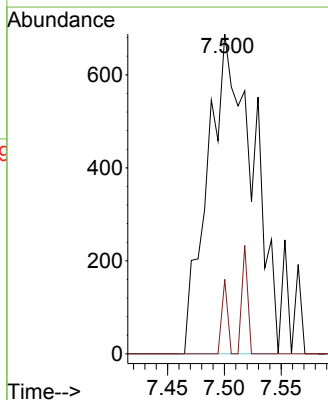
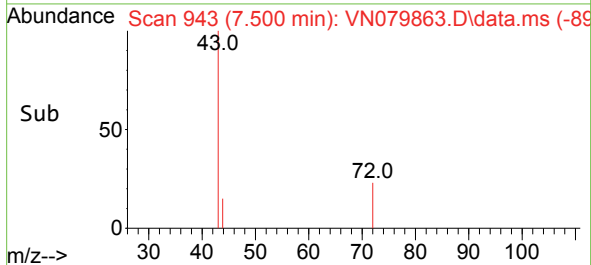
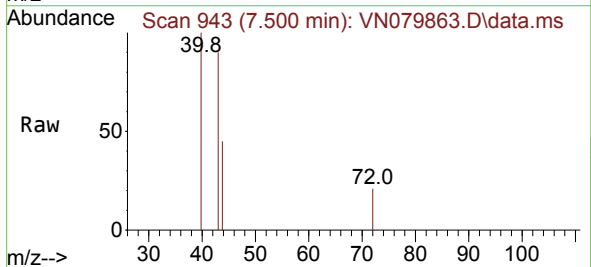
Ion	Ratio	Lower	Upper
84	100		
49	42.6	79.7	119.5#
51	28.6	25.2	37.8
86	72.3	53.3	79.9

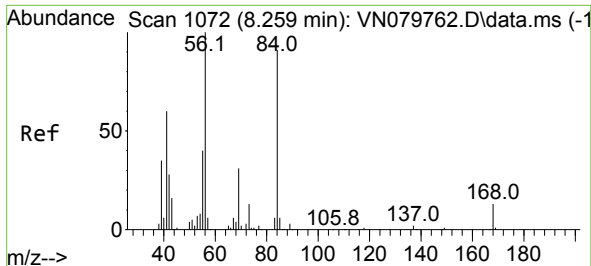


#25
2-Butanone
Concen: 1.011 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN079863.D
Acq: 03 Nov 2023 20:50

Tgt Ion: 43 Resp: 1902

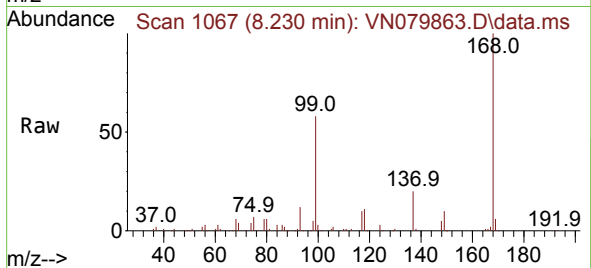
Ion	Ratio	Lower	Upper
43	100		
72	23.3	30.2	45.2#



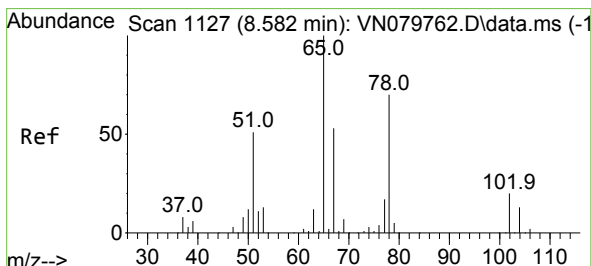
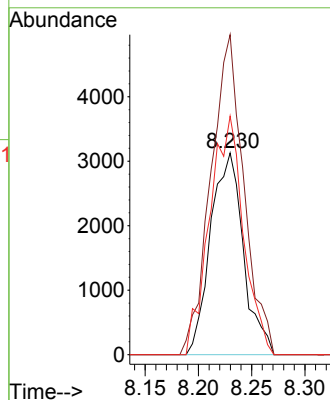
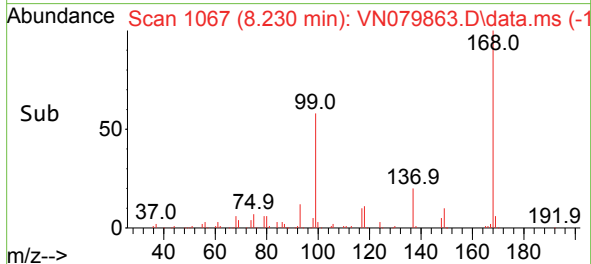


#31
Cyclohexane
Concen: 1.383 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN079863.D
Acq: 03 Nov 2023 20:50

Instrument :
MSVOA_N
ClientSampleId :

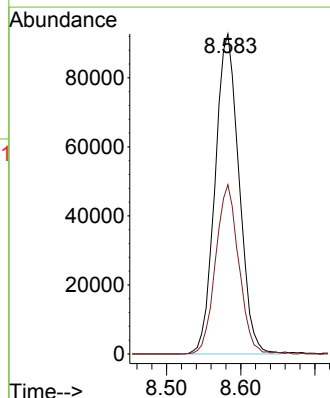
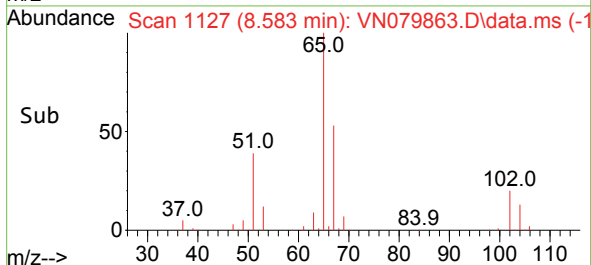
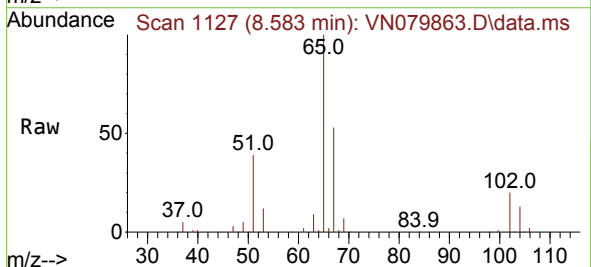


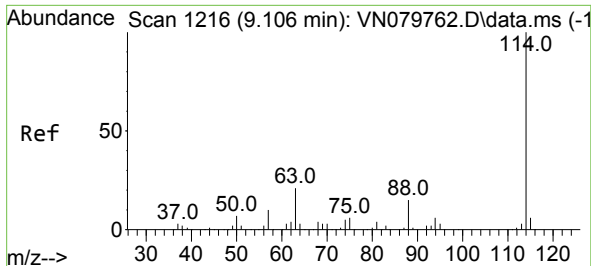
Tgt Ion: 56 Resp: 6685
Ion Ratio Lower Upper
56 100
69 158.7 26.8 40.2#
84 118.3 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 56.862 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079863.D
Acq: 03 Nov 2023 20:50

Tgt Ion: 65 Resp: 208005
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079863.D

Acq: 03 Nov 2023 20:50

Instrument :

MSVOA_N

ClientSampleId :

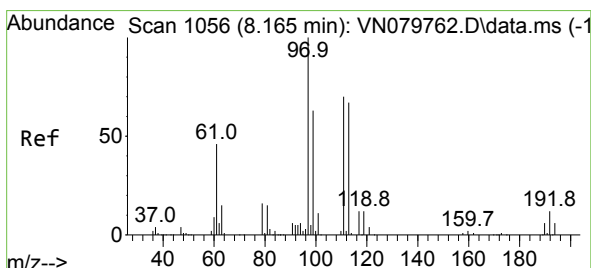
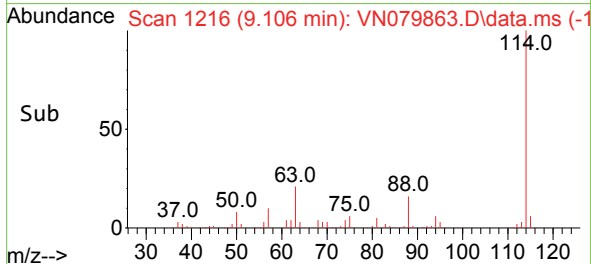
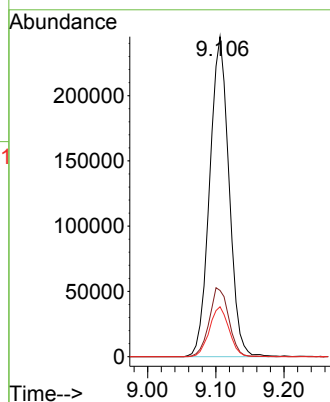
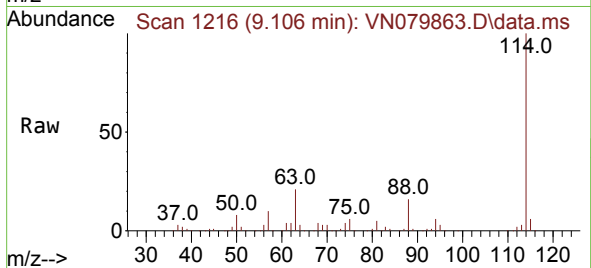
Tgt Ion:114 Resp: 483163

Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.766 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079863.D

Acq: 03 Nov 2023 20:50

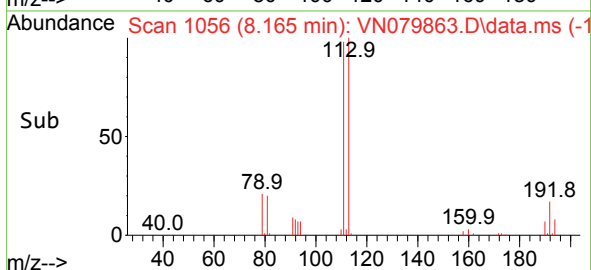
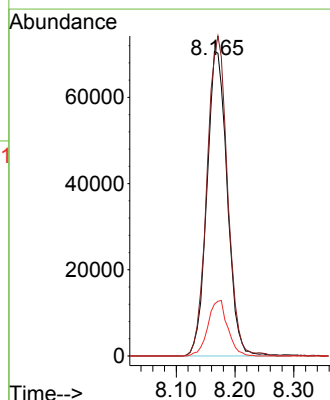
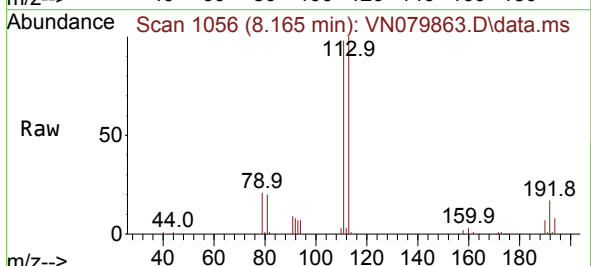
Tgt Ion:113 Resp: 170180

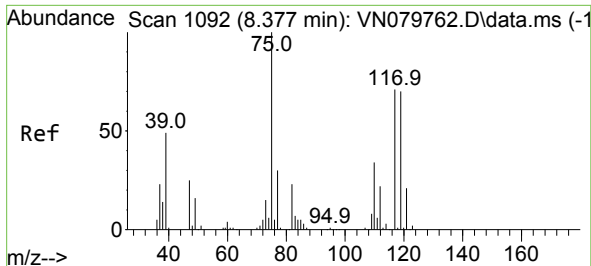
Ion Ratio Lower Upper

113 100

111 106.0 82.6 123.8

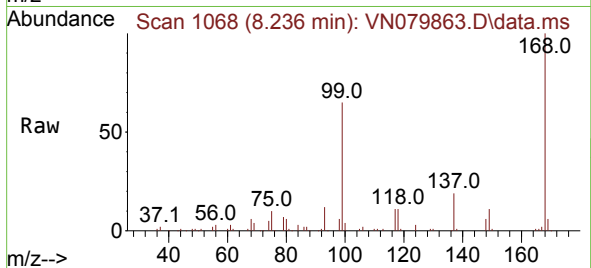
192 17.7 12.7 19.1



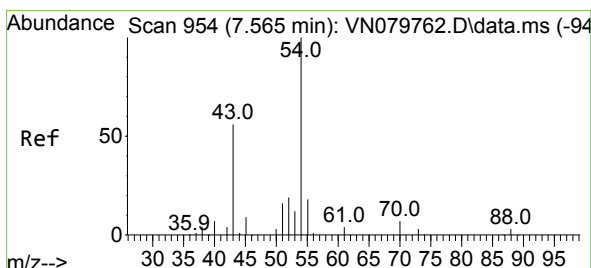
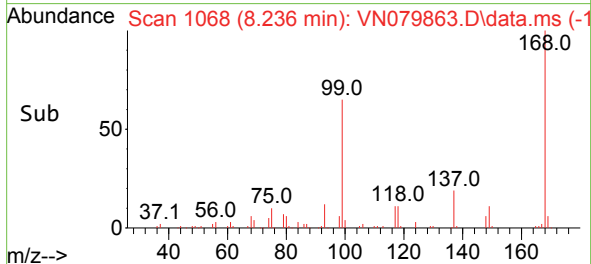
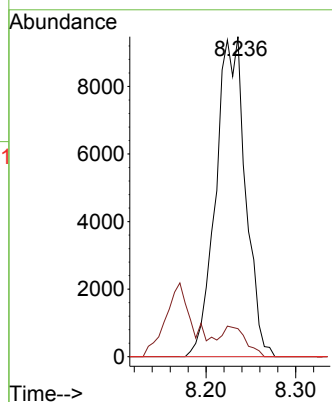


#36
1,1-Dichloropropene
Concen: 4.451 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN079863.D
Acq: 03 Nov 2023 20:50

Instrument :
MSVOA_N
ClientSampleId :

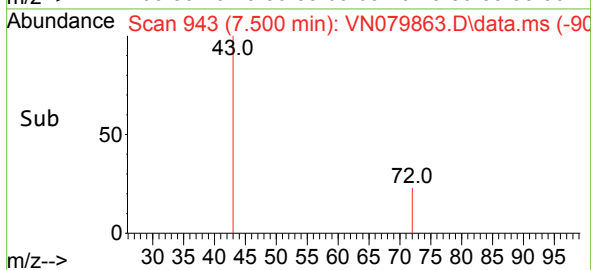
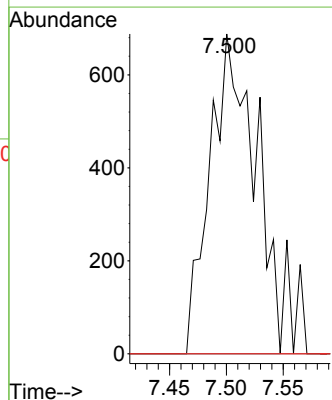
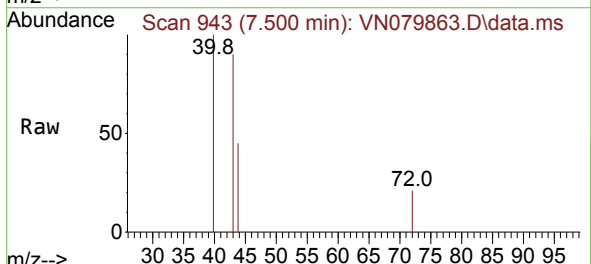


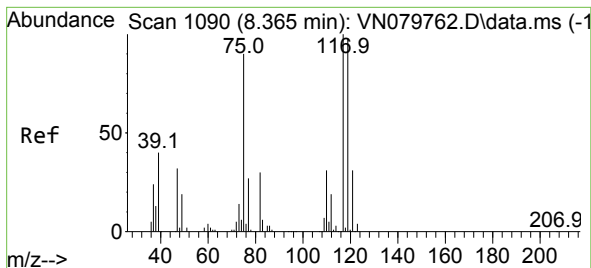
Tgt Ion: 75 Resp: 21732
Ion Ratio Lower Upper
75 100
110 7.5 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.425 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.065 min
Lab File: VN079863.D
Acq: 03 Nov 2023 20:50

Tgt Ion: 43 Resp: 1902
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 0.0 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 5.360 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

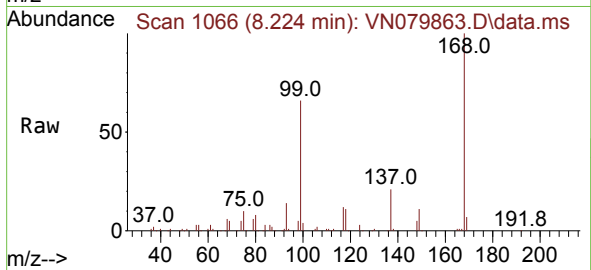
Lab File: VN079863.D

Acq: 03 Nov 2023 20:50

Instrument :

MSVOA_N

ClientSampleId :



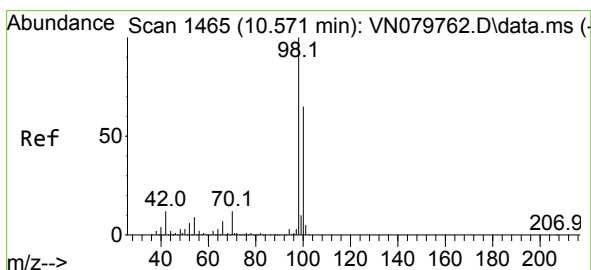
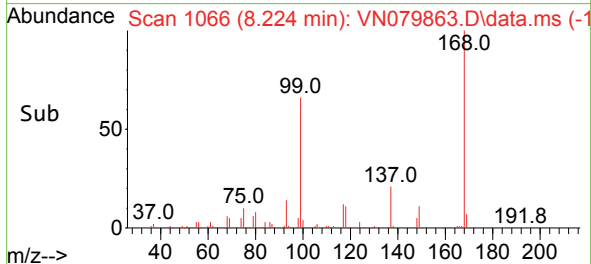
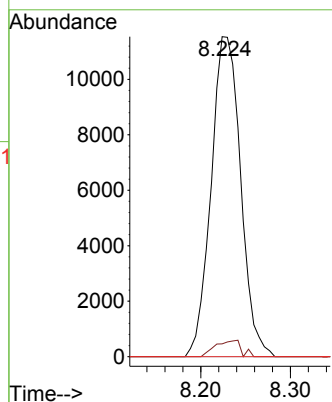
Tgt Ion:117 Resp: 26378

Ion Ratio Lower Upper

117 100

119 4.0 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 46.862 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079863.D

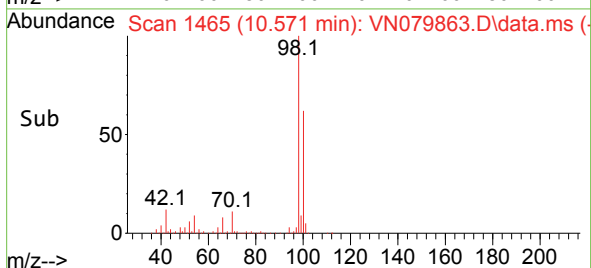
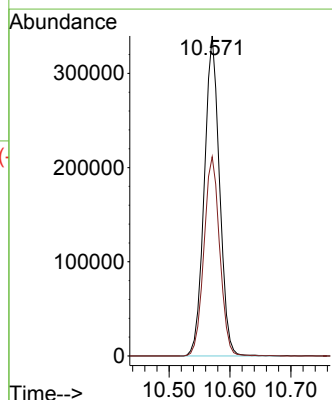
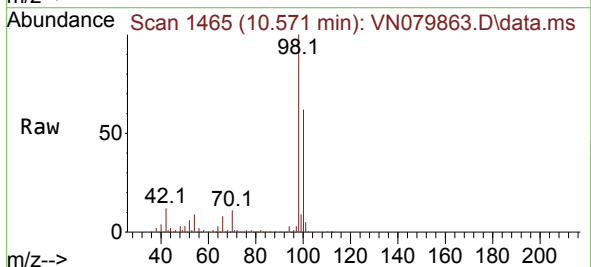
Acq: 03 Nov 2023 20:50

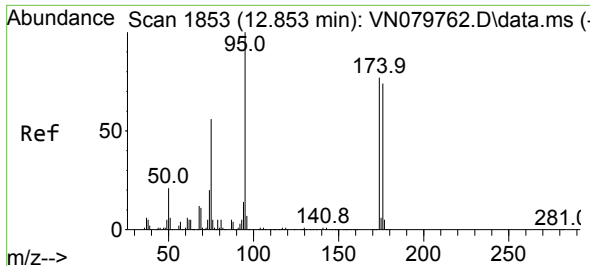
Tgt Ion: 98 Resp: 589947

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

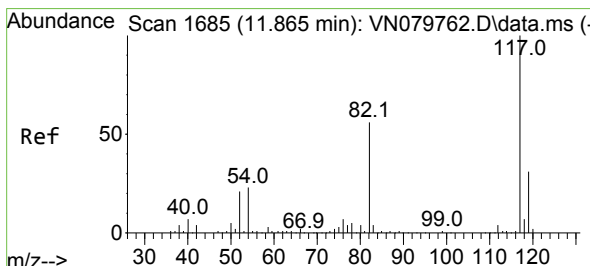
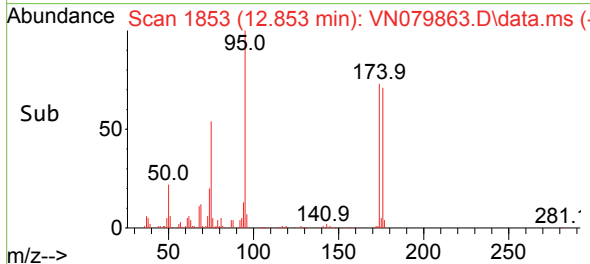
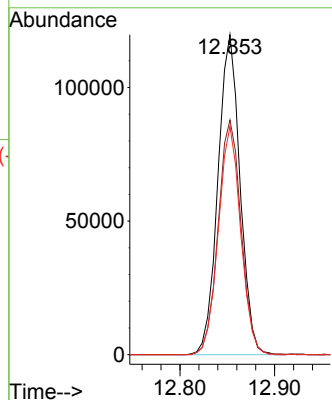
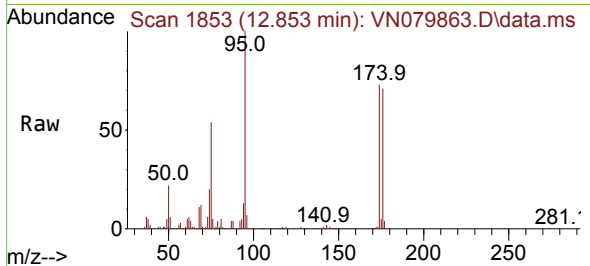




#62
4-Bromofluorobenzene
Concen: 46.492 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079863.D
Acq: 03 Nov 2023 20:50

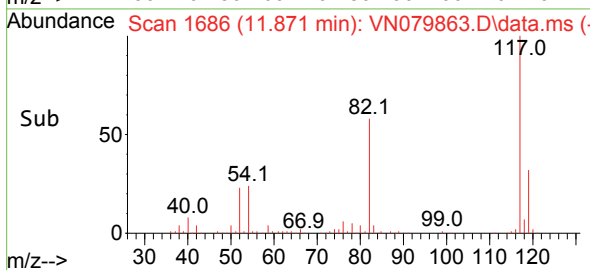
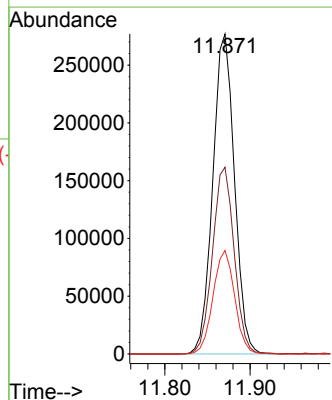
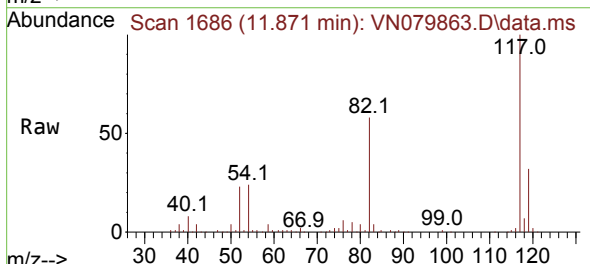
Instrument :
MSVOA_N
ClientSampleId :

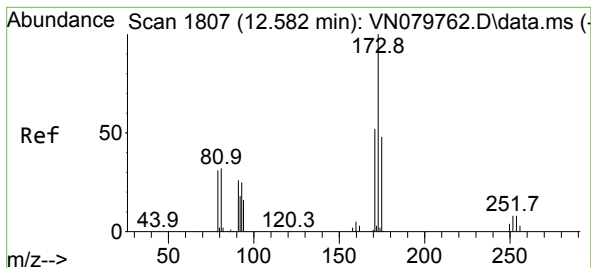
Tgt Ion: 95 Resp: 194111
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 72.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079863.D
Acq: 03 Nov 2023 20:50

Tgt Ion: 117 Resp: 489053
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 32.3 25.6 38.4





#71

Bromoform

Concen: 0.684 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

Lab File: VN079863.D

Acq: 03 Nov 2023 20:50

Instrument :

MSVOA_N

ClientSampleId :

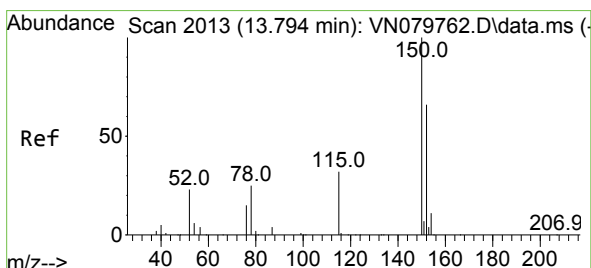
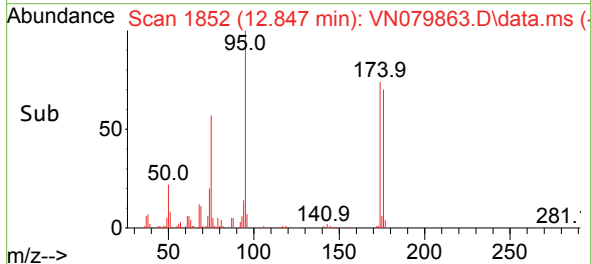
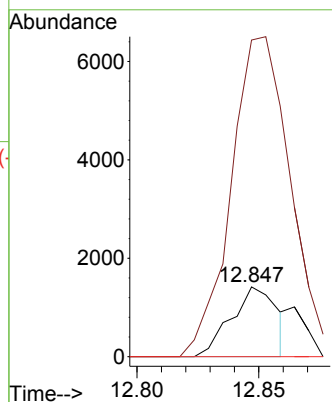
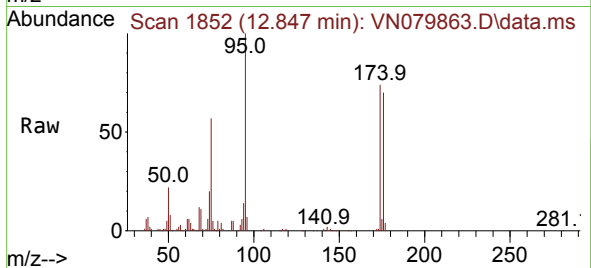
Tgt Ion:173 Resp: 1857

Ion Ratio Lower Upper

173 100

175 495.0 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079863.D

Acq: 03 Nov 2023 20:50

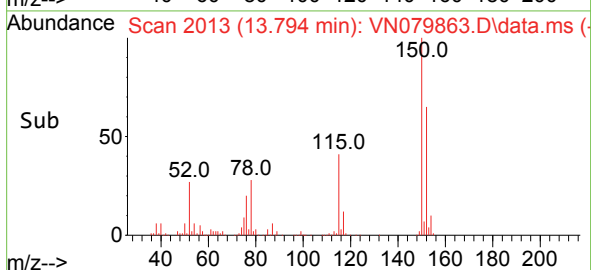
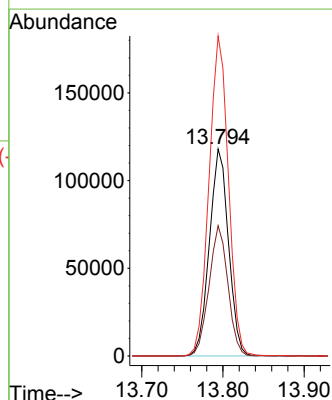
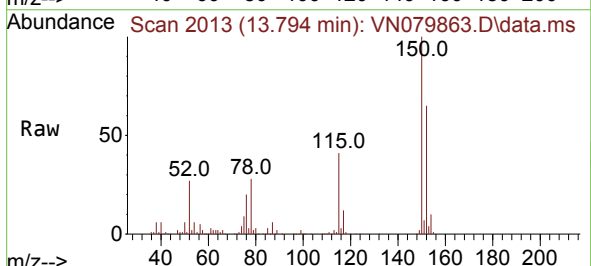
Tgt Ion:152 Resp: 192805

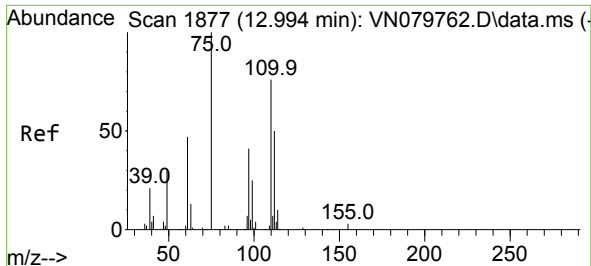
Ion Ratio Lower Upper

152 100

115 62.2 32.3 96.8

150 156.9 0.0 355.8

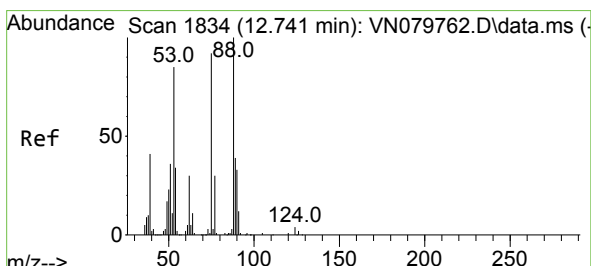
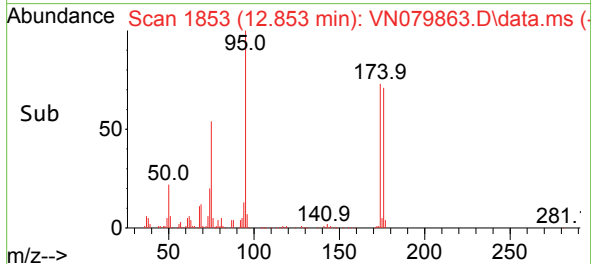
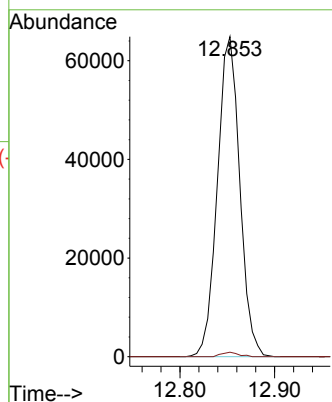
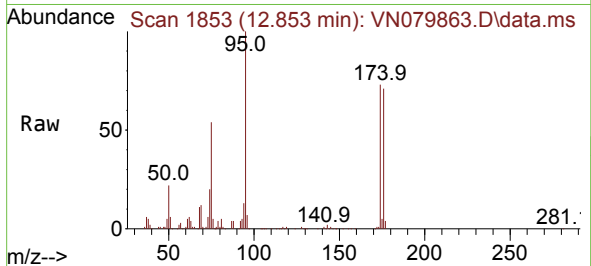




#76
1,2,3-Trichloropropane
Concen: 23.546 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN079863.D
Acq: 03 Nov 2023 20:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 106581
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.063 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN079863.D
Acq: 03 Nov 2023 20:50

Tgt Ion: 75 Resp: 106581
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

