

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112923\
 Data File : VN080304.D
 Acq On : 29 Nov 2023 12:09
 Operator : JC\MD
 Sample : VN1129WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 30 04:42:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

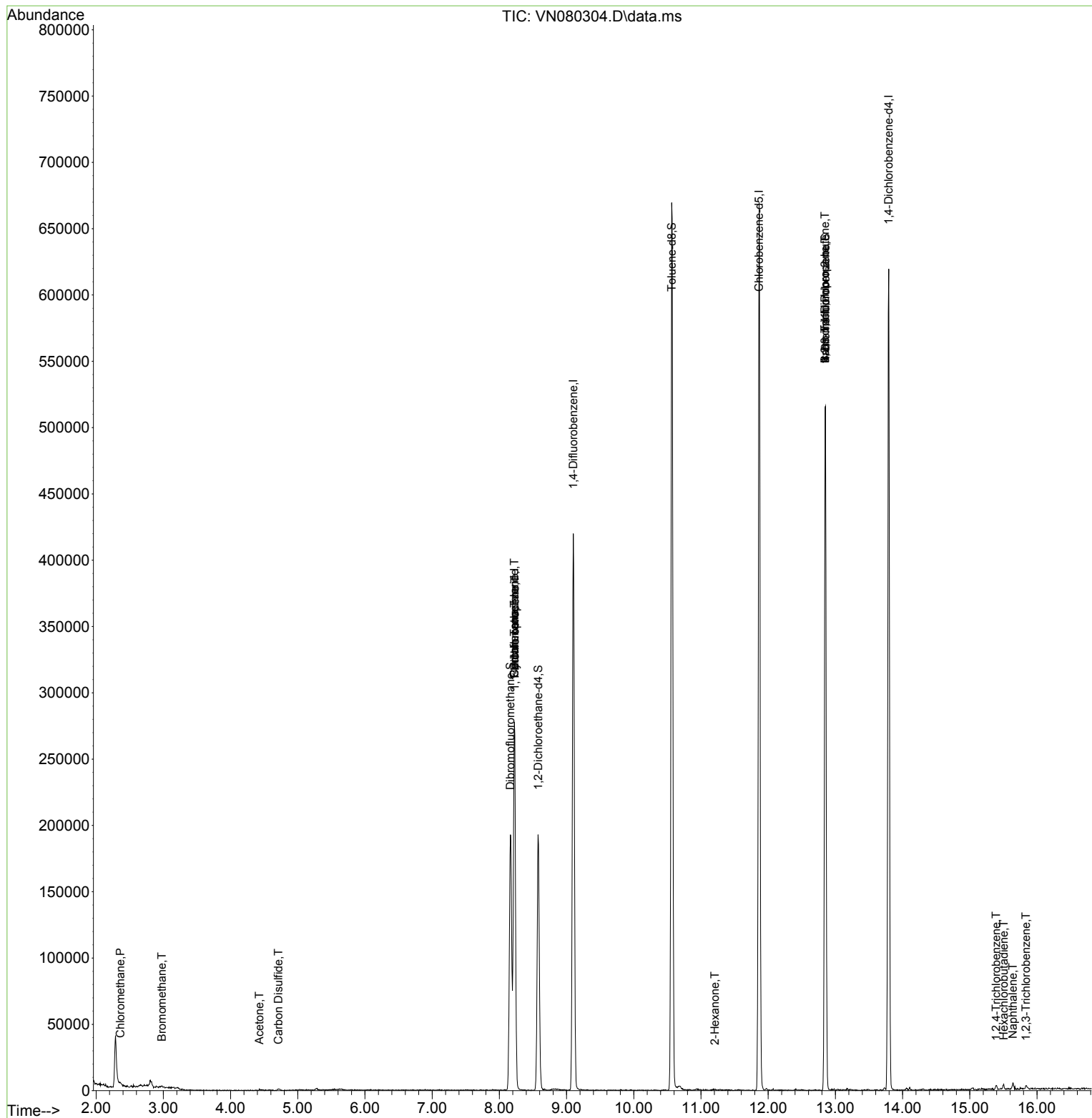
Internal Standards						
1) Pentafluorobenzene	8.224	168	190684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	353900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	379377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	172703	54.853	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.700%	
35) Dibromofluoromethane	8.165	113	138016	52.853	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.700%	
50) Toluene-d8	10.565	98	473983	50.353	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	12.853	95	184495	51.889	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1123	0.526	ug/l	91
5) Bromomethane	2.977	94	386	0.252	ug/l #	33
6) Chloroethane	3.106	64	1318	Below Cal	#	43
16) Acetone	4.430	43	1177	1.113	ug/l #	40
17) Carbon Disulfide	4.712	76	1277	0.212	ug/l #	75
31) Cyclohexane	8.224	56	4510	1.317	ug/l #	30
36) 1,1-Dichloropropene	8.229	75	15742	4.164	ug/l #	51
38) Carbon Tetrachloride	8.224	117	22132	4.613	ug/l #	18
59) 2-Hexanone	11.206	43	500	0.236	ug/l #	48
71) Bromoform	12.847	173	1293	0.523	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	101200	24.642	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	101200	83.254	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.394	180	1114	0.338	ug/l #	80
94) Hexachlorobutadiene	15.505	225	1158	0.611	ug/l	85
95) Naphthalene	15.641	128	5234	0.548	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.835	180	1397	0.453	ug/l #	16

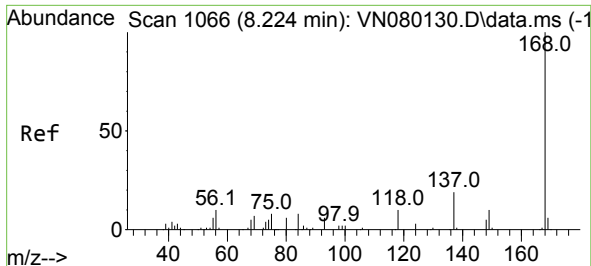
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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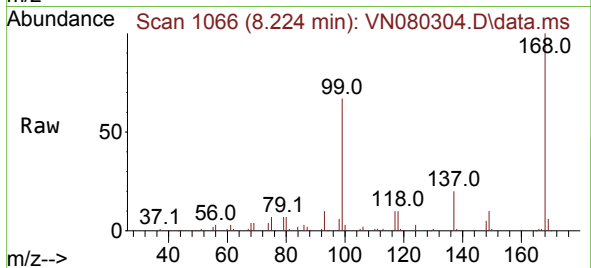
Quant Time: Nov 30 04:42:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
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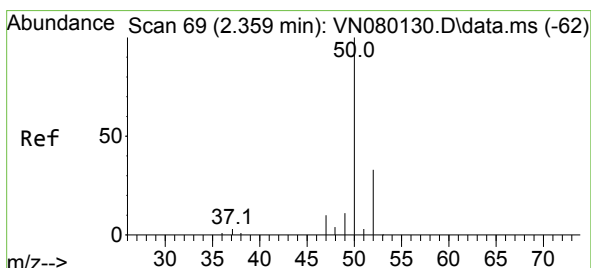
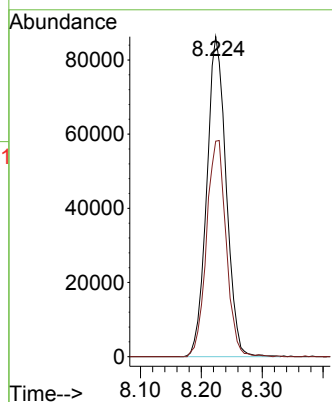
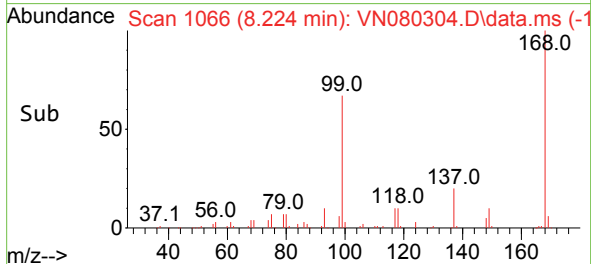


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :

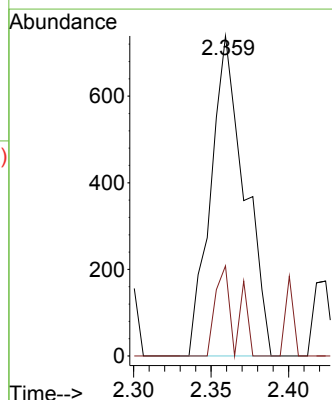
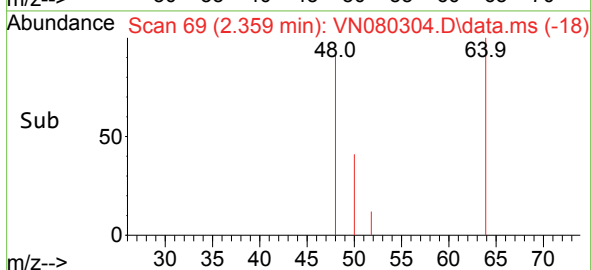
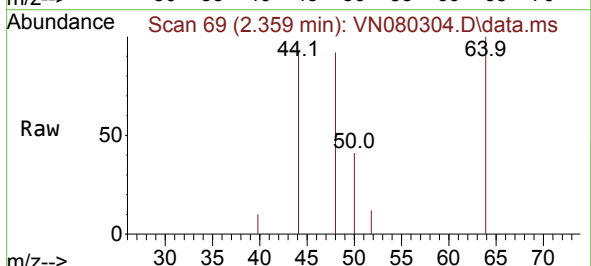


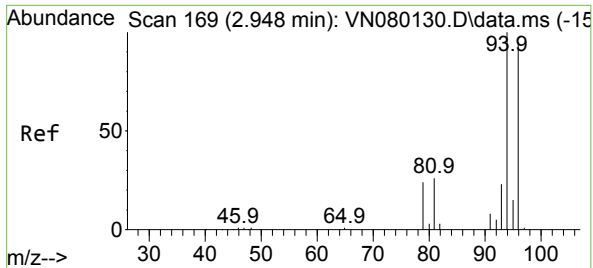
Tgt Ion:168 Resp: 190684
Ion Ratio Lower Upper
168 100
99 67.3 53.0 79.6



#3
Chloromethane
Concen: 0.526 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

Tgt Ion: 50 Resp: 1123
Ion Ratio Lower Upper
50 100
52 28.1 26.5 39.7

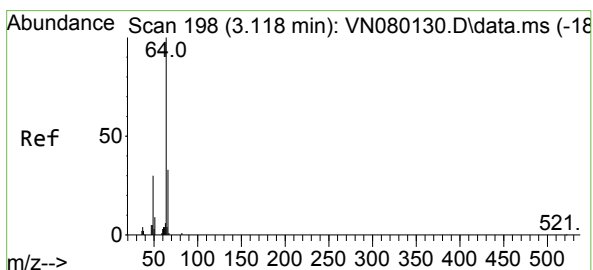
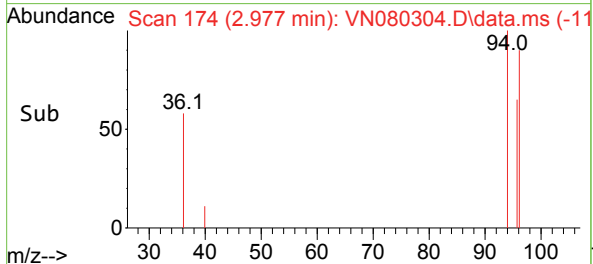
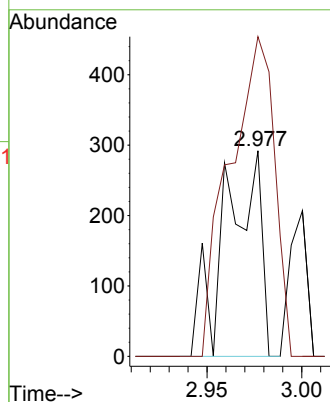
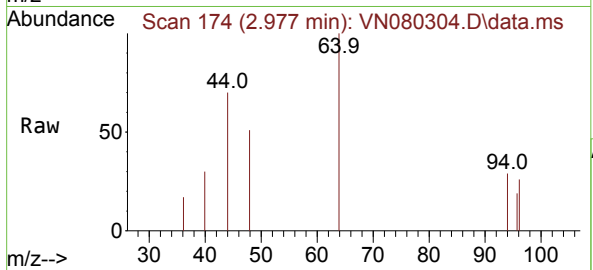




#5
Bromomethane
Concen: 0.252 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

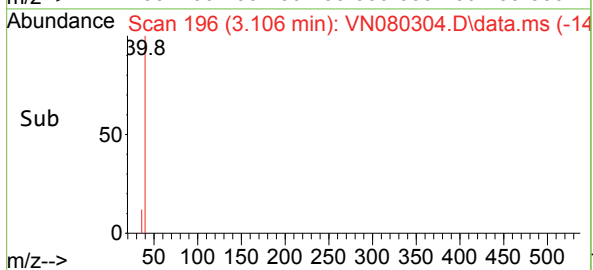
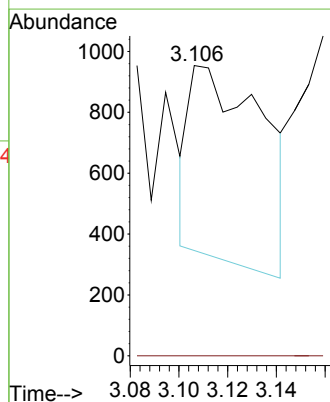
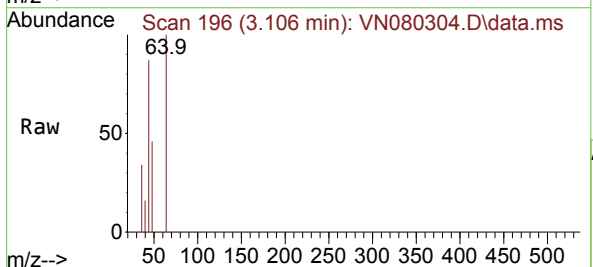
Instrument :
MSVOA_N
ClientSampleId :

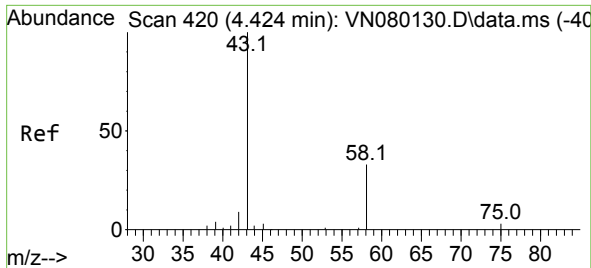
Tgt Ion: 94 Resp: 386
Ion Ratio Lower Upper
94 100
96 155.5 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

Tgt Ion: 64 Resp: 1318
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

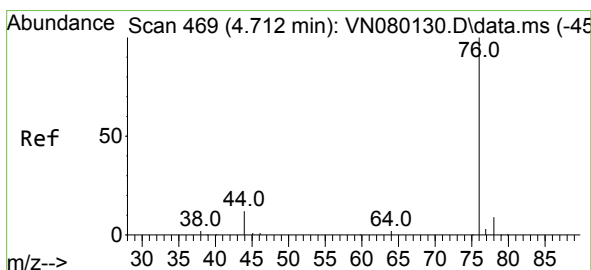
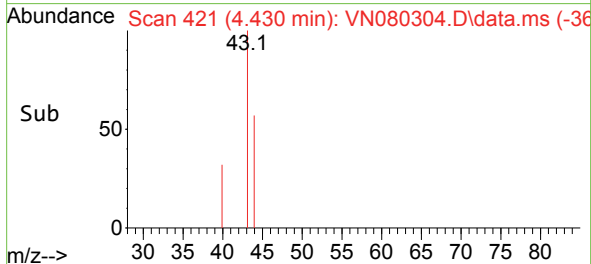
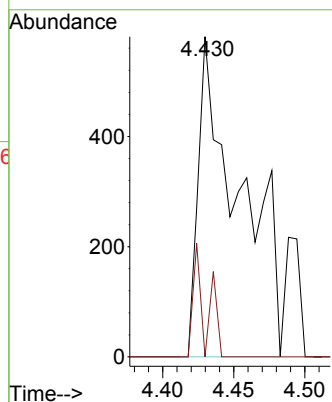
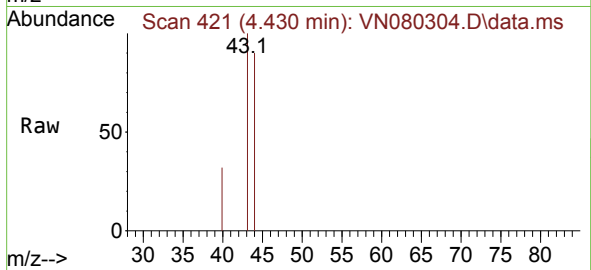




#16
Acetone
Concen: 1.113 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

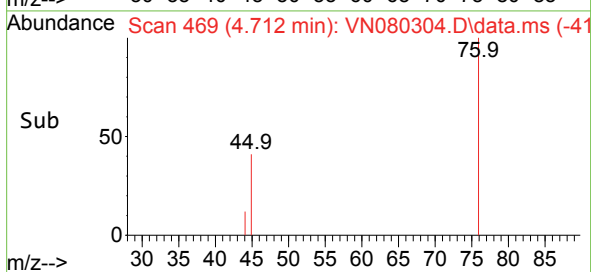
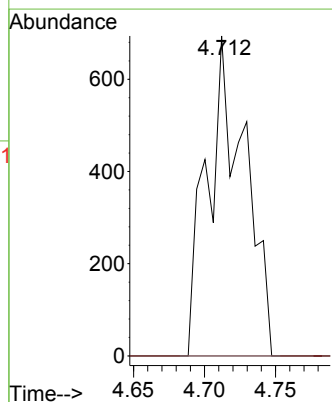
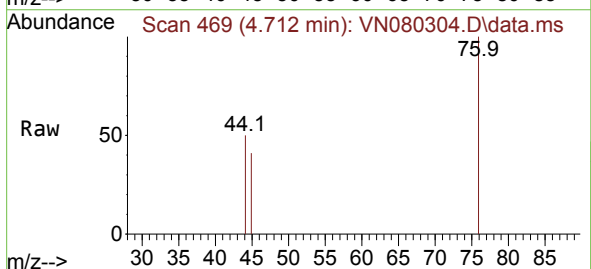
Instrument :
MSVOA_N
ClientSampleId :

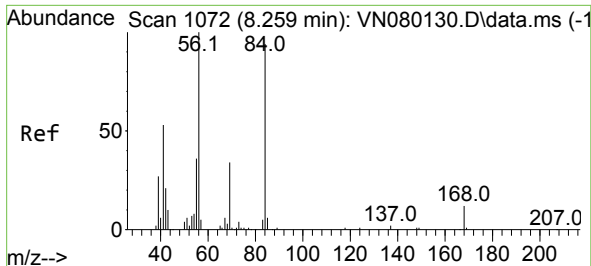
Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.212 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

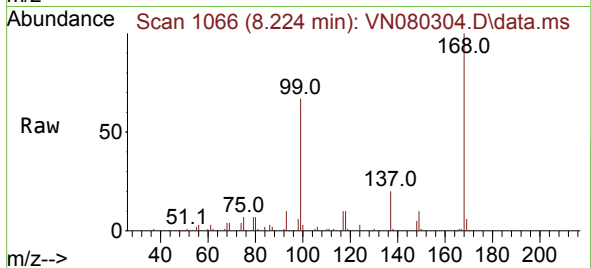
Tgt Ion: 76 Resp: 1277
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



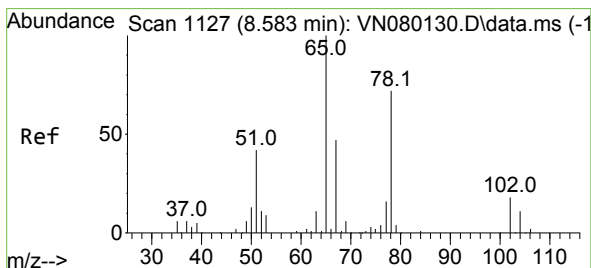
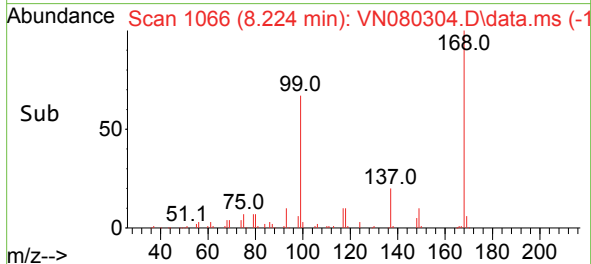
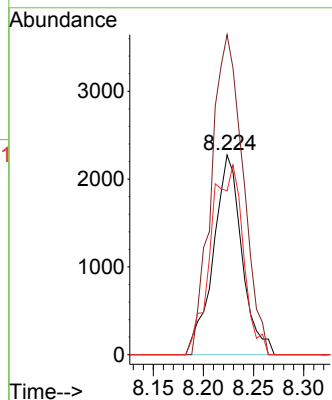


#31
Cyclohexane
Concen: 1.317 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.036 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :

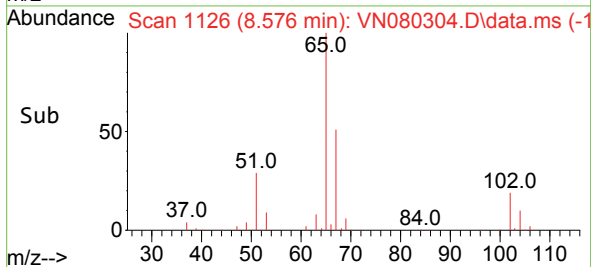
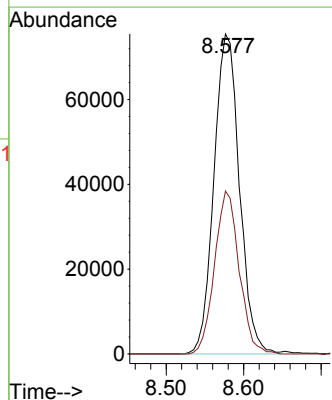
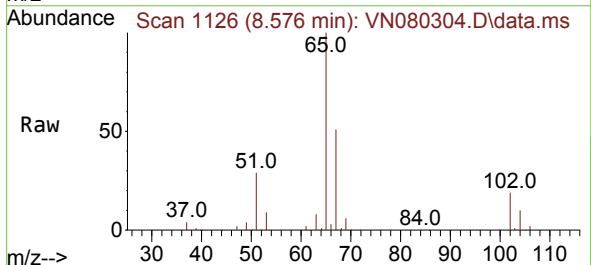


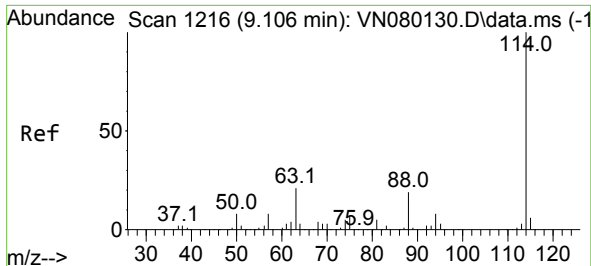
Tgt Ion: 56 Resp: 4510
Ion Ratio Lower Upper
56 100
69 160.2 26.8 40.2#
84 82.0 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 54.853 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

Tgt Ion: 65 Resp: 172703
Ion Ratio Lower Upper
65 100
67 49.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080304.D

Acq: 29 Nov 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :

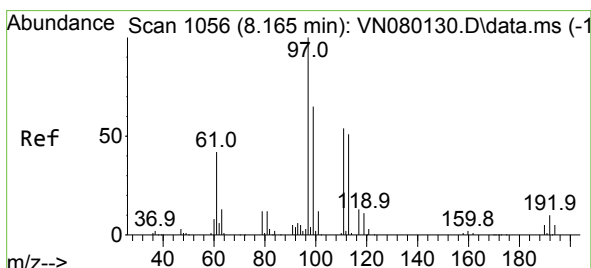
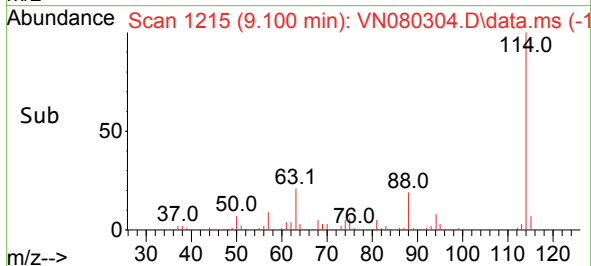
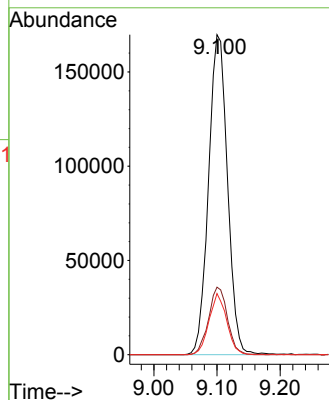
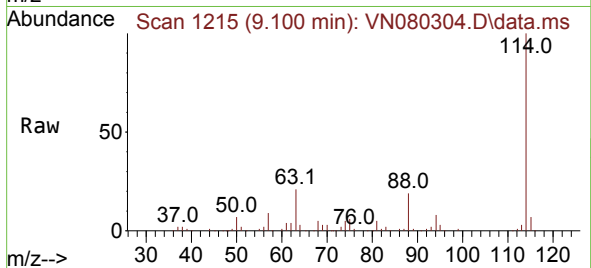
Tgt Ion:114 Resp: 353900

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 19.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.853 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080304.D

Acq: 29 Nov 2023 12:09

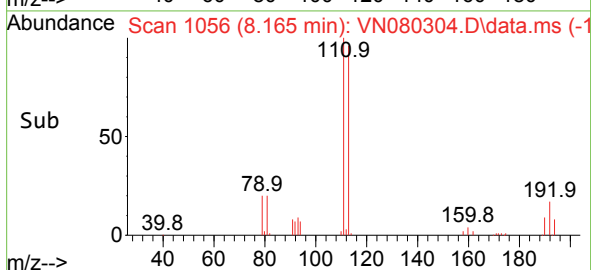
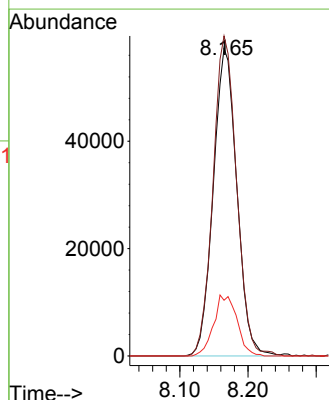
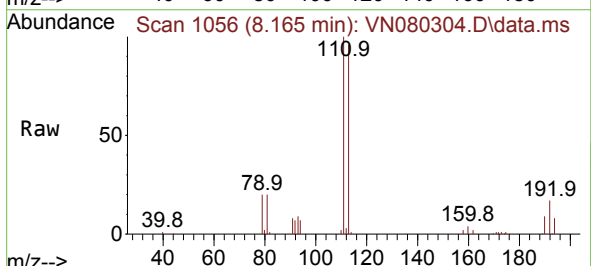
Tgt Ion:113 Resp: 138016

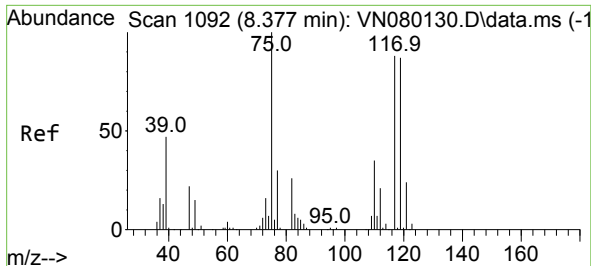
Ion Ratio Lower Upper

113 100

111 103.8 82.6 123.8

192 19.6 12.7 19.1#





#36

1,1-Dichloropropene

Concen: 4.164 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.147 min

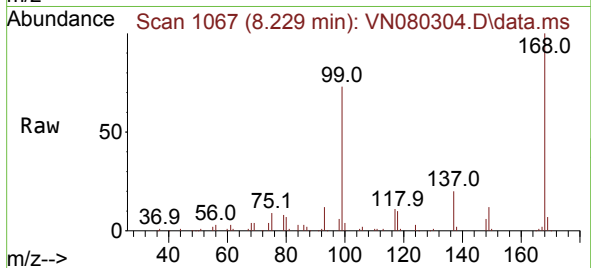
Lab File: VN080304.D

Acq: 29 Nov 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :



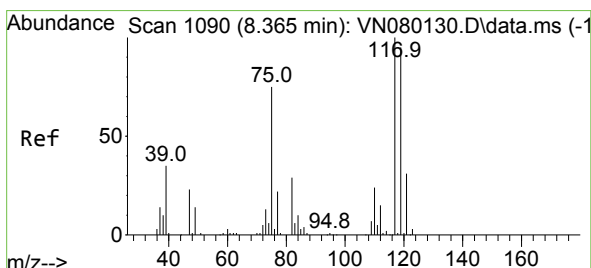
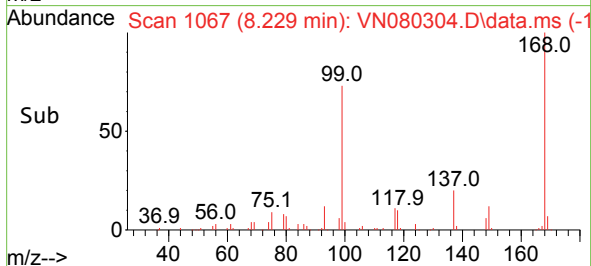
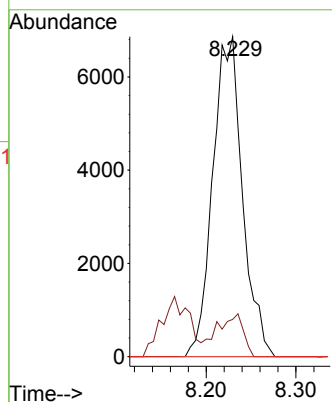
Tgt Ion: 75 Resp: 15742

Ion Ratio Lower Upper

75 100

110 12.0 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.613 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN080304.D

Acq: 29 Nov 2023 12:09

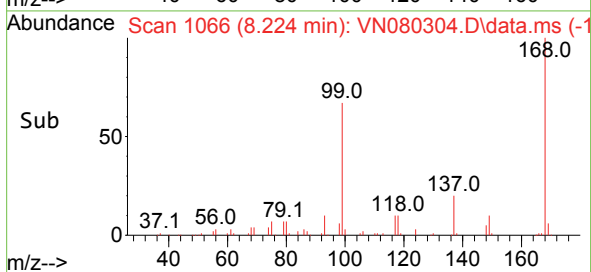
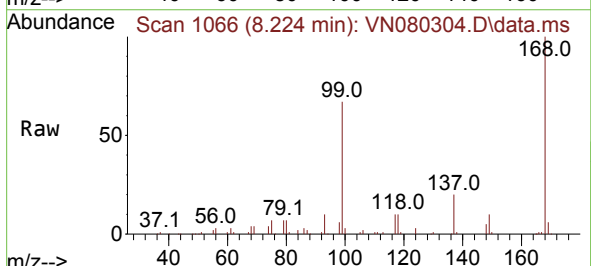
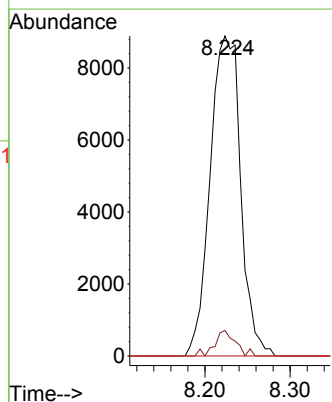
Tgt Ion: 117 Resp: 22132

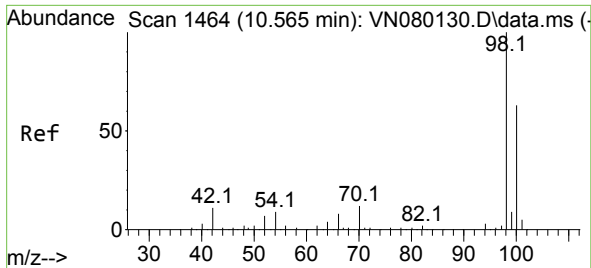
Ion Ratio Lower Upper

117 100

119 7.9 77.3 115.9#

121 0.0 23.3 34.9#

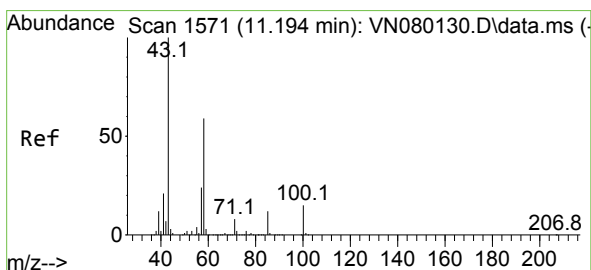
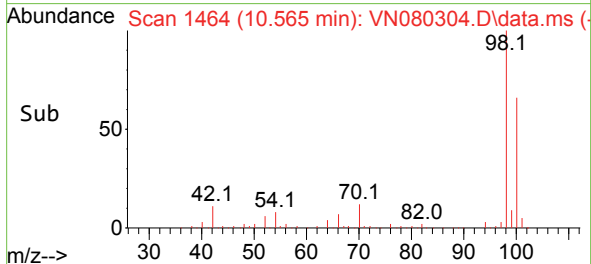
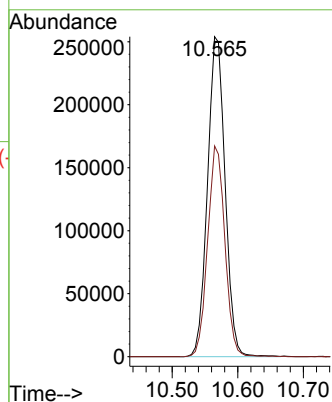
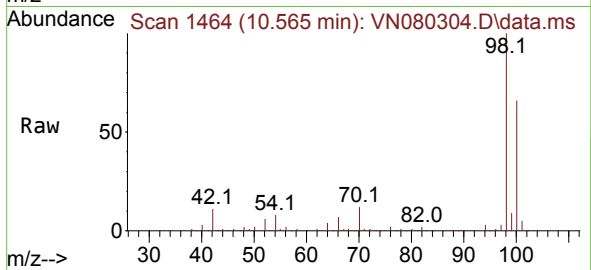




#50
Toluene-d8
Concen: 50.353 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

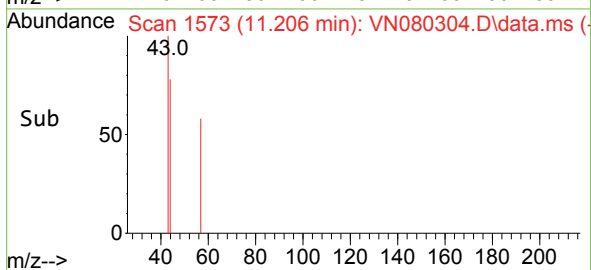
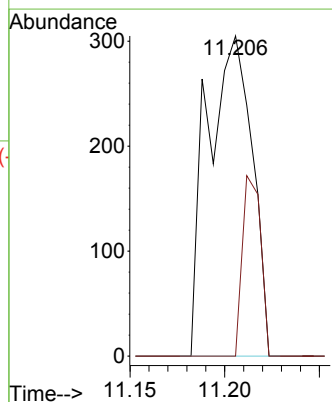
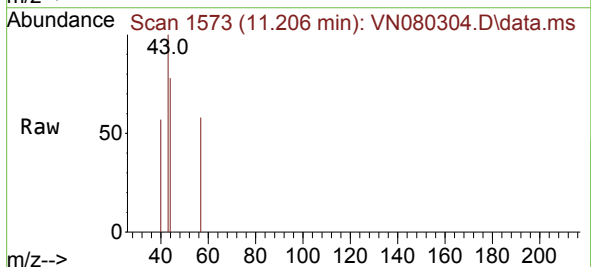
Instrument :
MSVOA_N
ClientSampleId :

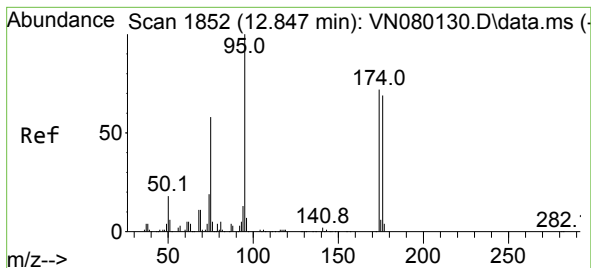
Tgt Ion: 98 Resp: 473983
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#59
2-Hexanone
Concen: 0.236 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.012 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

Tgt Ion: 43 Resp: 500
Ion Ratio Lower Upper
43 100
58 23.0 31.7 95.1#

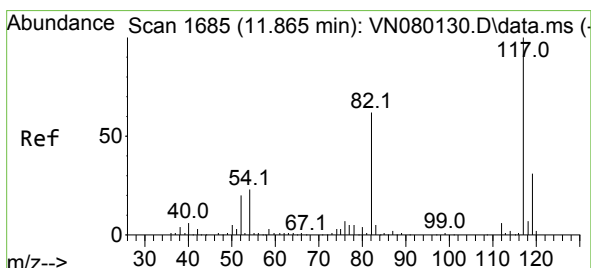
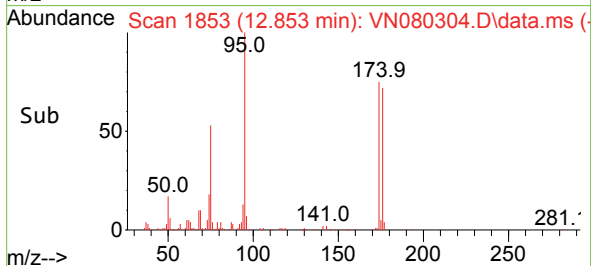
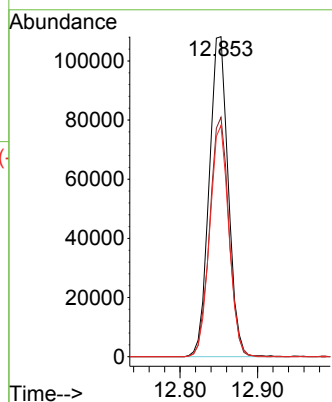
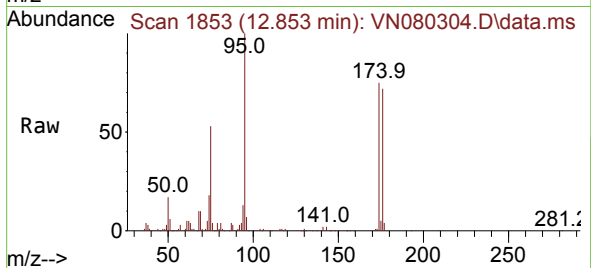




#62
4-Bromofluorobenzene
Concen: 51.889 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

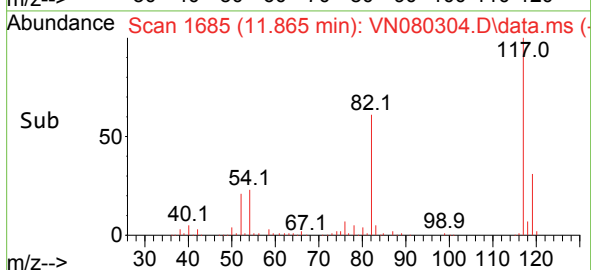
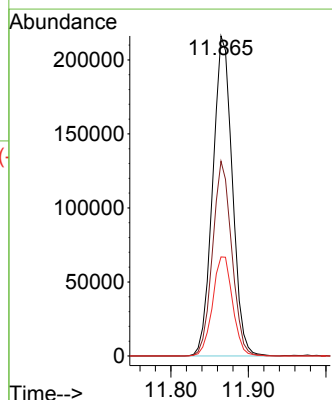
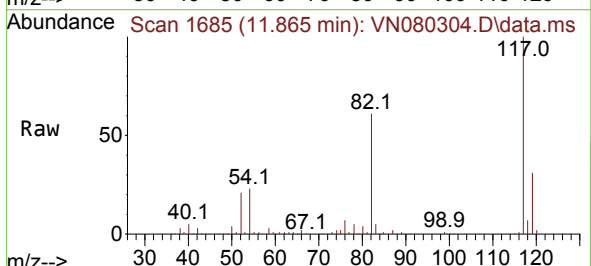
Instrument :
MSVOA_N
ClientSampleId :

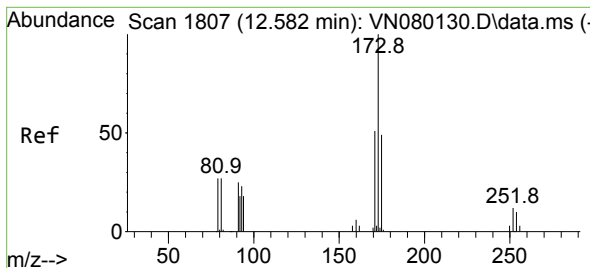
Tgt Ion: 95 Resp: 184495
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 72.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

Tgt Ion: 117 Resp: 379377
Ion Ratio Lower Upper
117 100
82 60.8 44.0 66.0
119 31.0 25.6 38.4





#71

Bromoform

Concen: 0.523 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.264 min

Lab File: VN080304.D

Acq: 29 Nov 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :

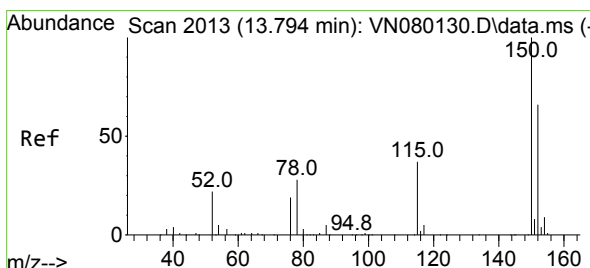
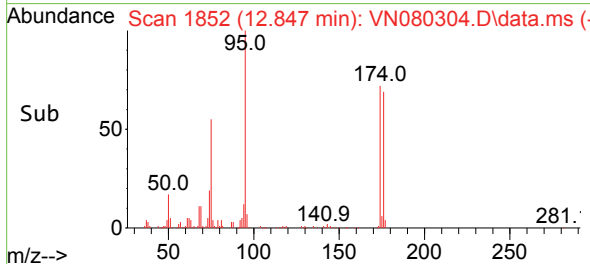
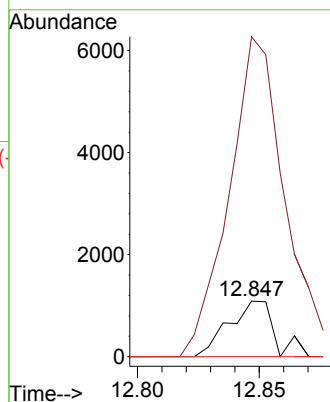
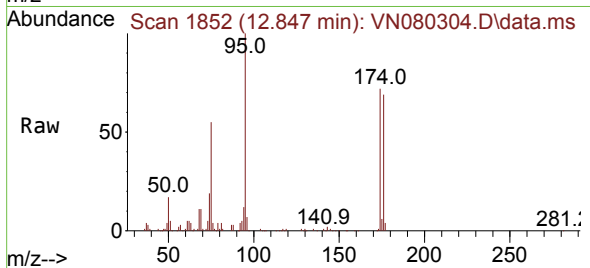
Tgt Ion:173 Resp: 1293

Ion Ratio Lower Upper

173 100

175 660.8 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: VN080304.D

Acq: 29 Nov 2023 12:09

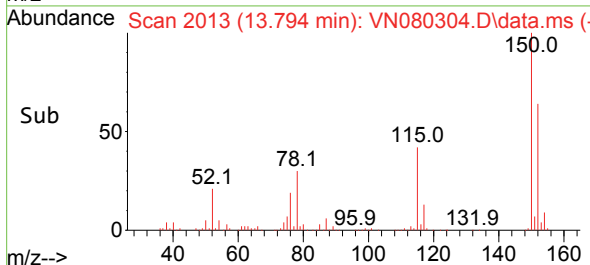
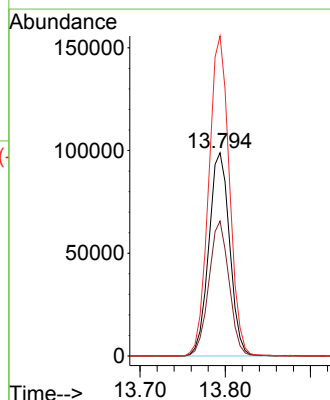
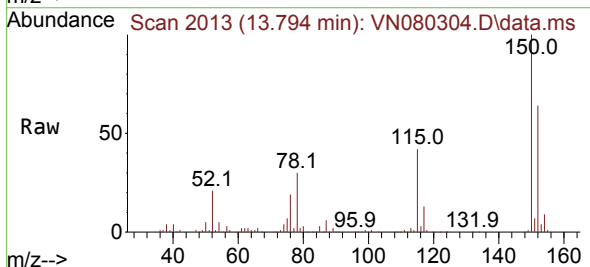
Tgt Ion:152 Resp: 167615

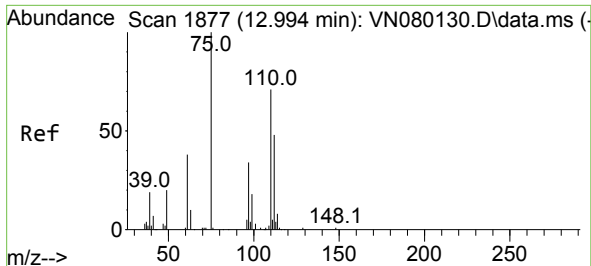
Ion Ratio Lower Upper

152 100

115 64.5 32.3 96.8

150 155.9 0.0 355.8

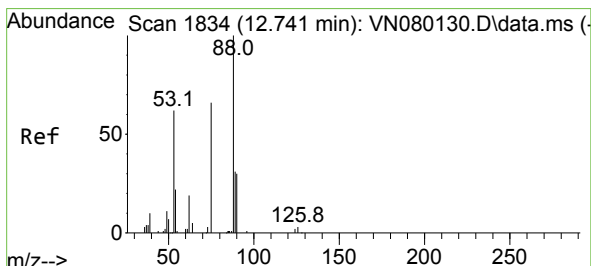
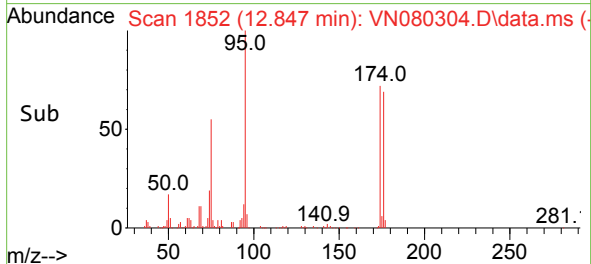
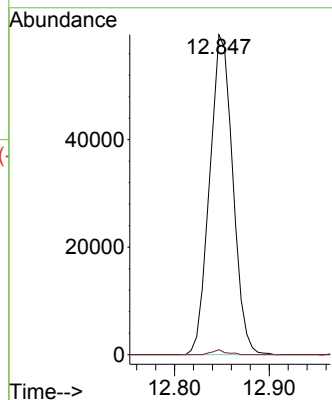
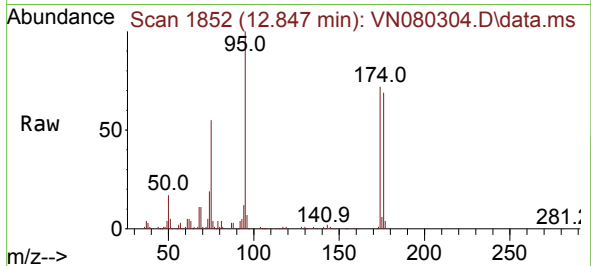




#76
 1,2,3-Trichloropropane
 Concen: 24.642 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN080304.D
 Acq: 29 Nov 2023 12:09

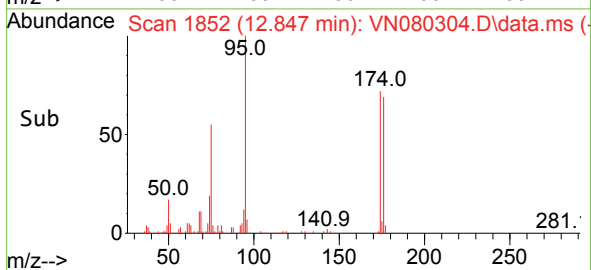
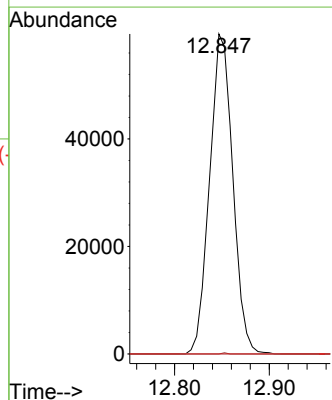
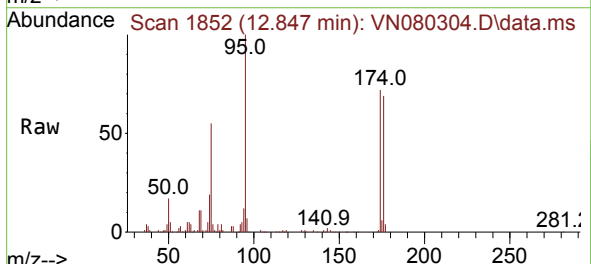
Instrument :
 MSVOA_N
 ClientSampleId :

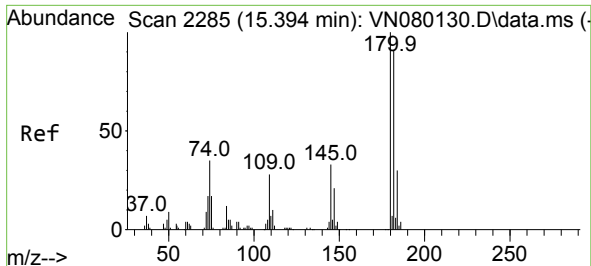
Tgt Ion: 75 Resp: 101200
 Ion Ratio Lower Upper
 75 100
 77 0.9 84.5 253.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.254 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.106 min
 Lab File: VN080304.D
 Acq: 29 Nov 2023 12:09

Tgt Ion: 75 Resp: 101200
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#

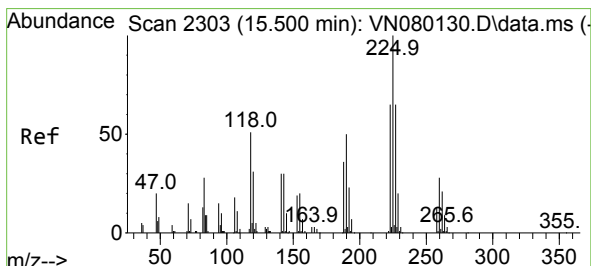
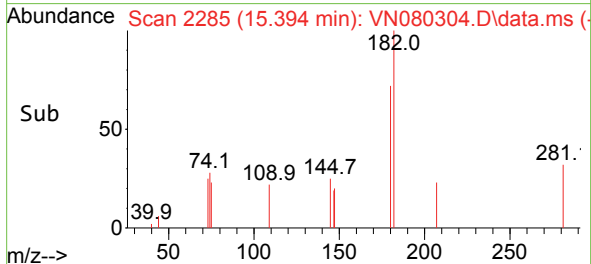
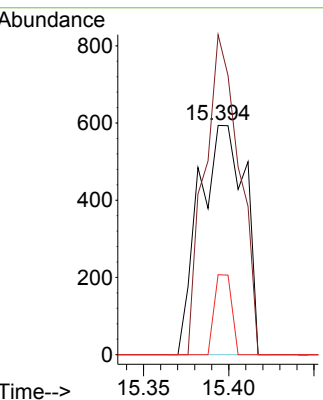
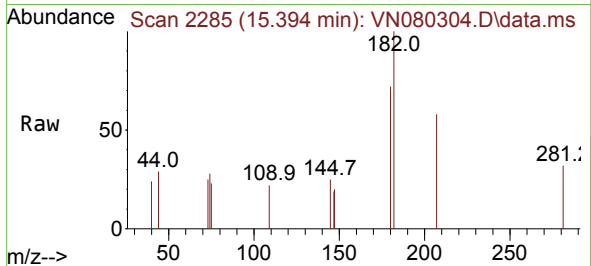




#93
1,2,4-Trichlorobenzene
Concen: 0.338 ug/l
RT: 15.394 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

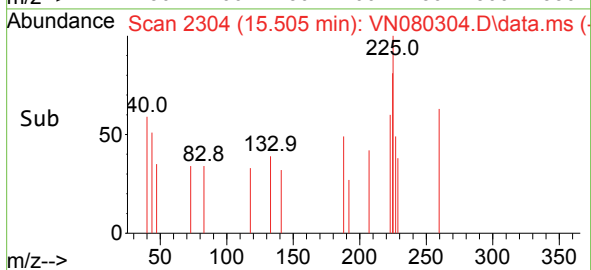
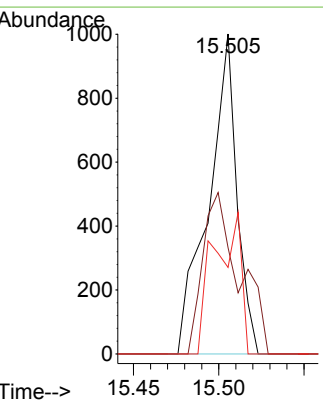
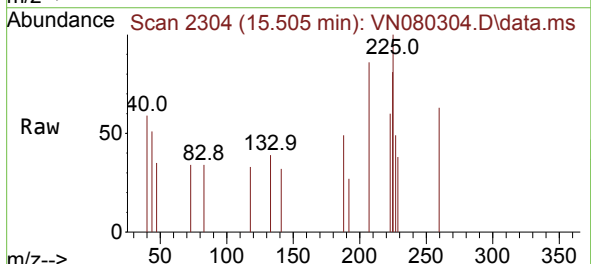
Instrument :
MSVOA_N
ClientSampleId :

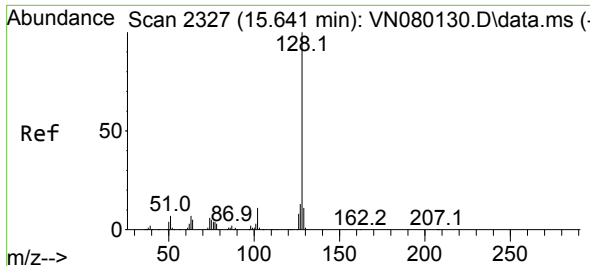
Tgt Ion	Ratio	Lower	Upper
180	100		
182	105.8	46.1	138.2
145	13.1	16.6	49.8



#94
Hexachlorobutadiene
Concen: 0.611 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.005 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.3	93.8
227	42.1	31.9	95.9

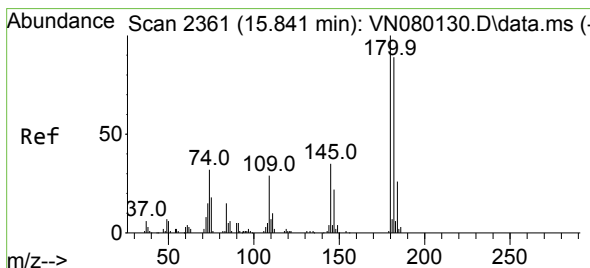
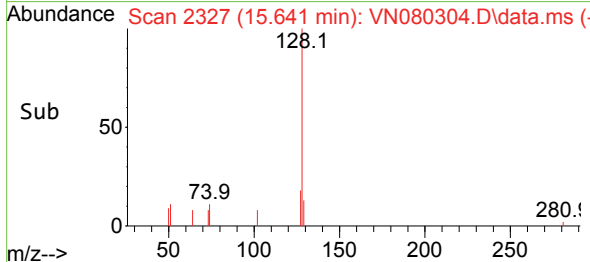
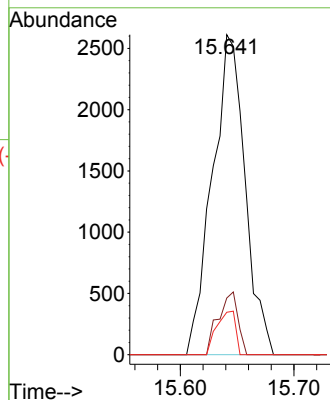
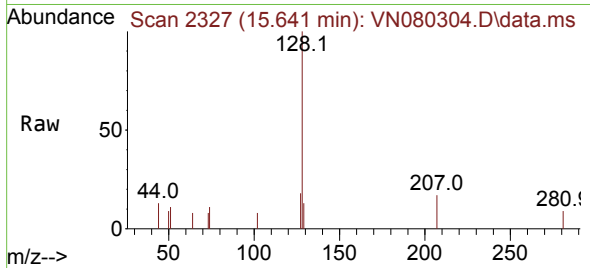




#95
Naphthalene
Concen: 0.548 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 5234
Ion Ratio Lower Upper
128 100
127 11.8 10.0 15.0
129 7.9 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.453 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN080304.D
Acq: 29 Nov 2023 12:09

Tgt Ion:180 Resp: 1397
Ion Ratio Lower Upper
180 100
182 0.0 46.2 138.6#
145 4.7 17.5 52.6#

