

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
 Data File : VN080946.D
 Acq On : 07 Feb 2024 19:15
 Operator : JC\MD
 Sample : P1372-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CG-MW-63

Quant Time: Feb 08 00:31:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

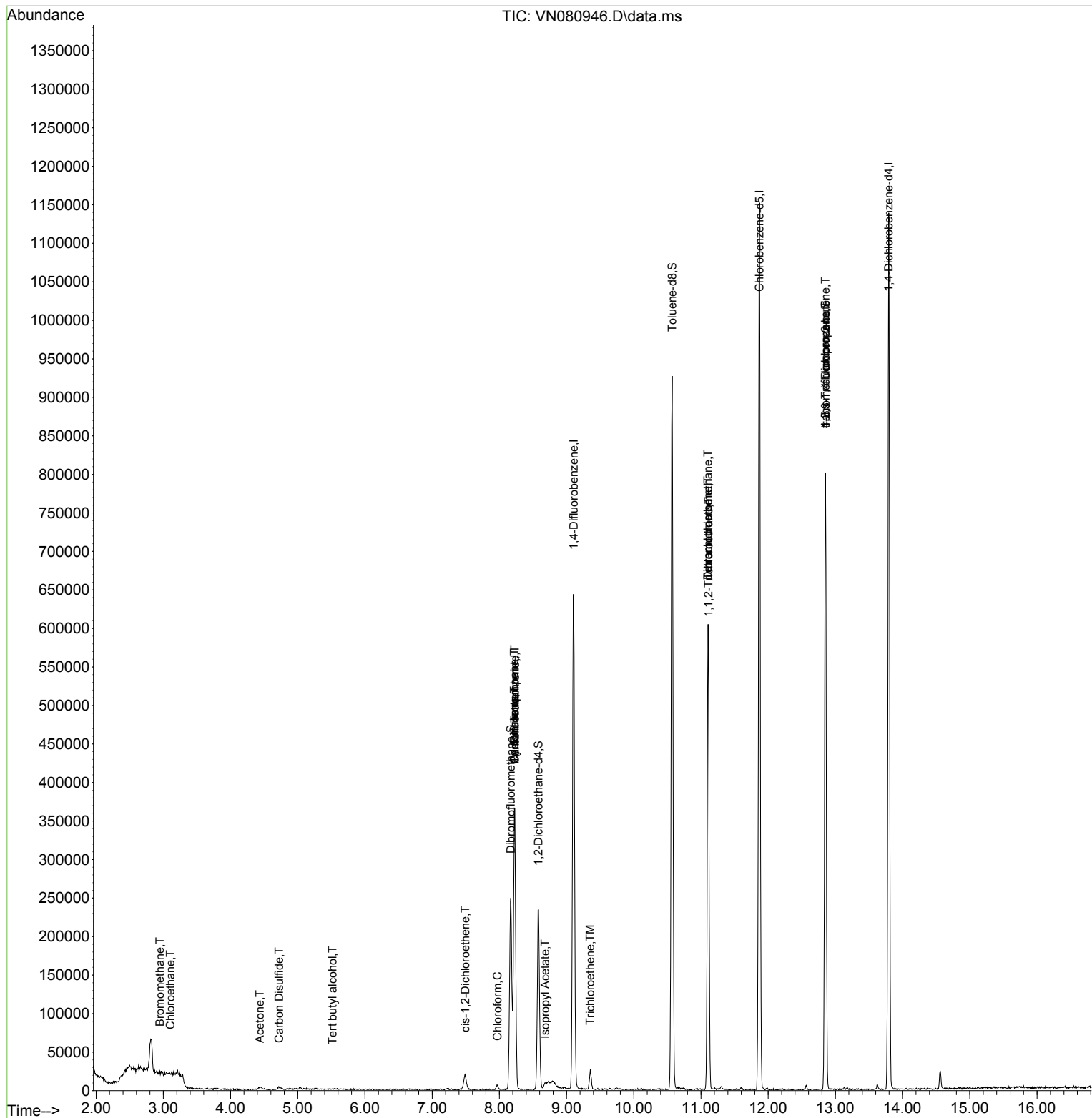
Internal Standards						
1) Pentafluorobenzene	8.229	168	256724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	573896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	671116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	292692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	186741	57.661	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	115.320%	
35) Dibromofluoromethane	8.171	113	177436	57.618	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	115.240%	
50) Toluene-d8	10.570	98	648171	58.190	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	116.380%#	
62) 4-Bromofluorobenzene	12.853	95	281715	69.619	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	139.240%#	
Target Compounds						
					Qvalue	
5) Bromomethane	2.947	94	719	0.294	ug/l #	60
6) Chloroethane	3.106	64	936	0.349	ug/l	89
11) Tert butyl alcohol	5.518	59	114	0.255	ug/l #	72
16) Acetone	4.436	43	6646	6.237	ug/l	99
17) Carbon Disulfide	4.724	76	1682	0.242	ug/l #	68
18) Methyl Acetate	5.024	43	3729	Below Cal		92
27) cis-1,2-Dichloroethene	7.494	96	12030	3.351	ug/l	81
30) Chloroform	7.971	83	5174	0.850	ug/l	88
31) Cyclohexane	8.224	56	7180	1.622	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	22434	4.897	ug/l #	53
38) Carbon Tetrachloride	8.229	117	28766	6.125	ug/l #	19
43) Isopropyl Acetate	8.682	43	5448	0.855	ug/l #	57
44) Trichloroethene	9.353	130	7974	1.883	ug/l	92
55) 1,1,2-Trichloroethane	11.112	97	1296	0.359	ug/l #	1
60) Dibromochloromethane	11.106	129	128731	34.897	ug/l #	10
64) Tetrachloroethene	11.106	164	130780	25.817	ug/l	89
76) 1,2,3-Trichloropropane	12.853	75	151576	25.399	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	151576	69.006	ug/l #	14

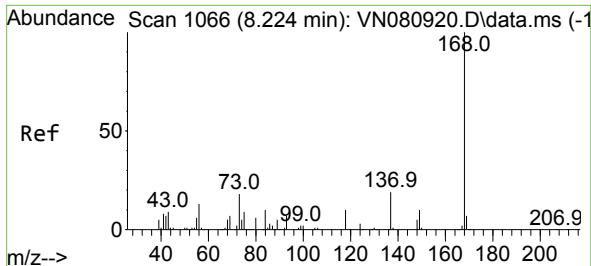
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 07 06:22:23 2024
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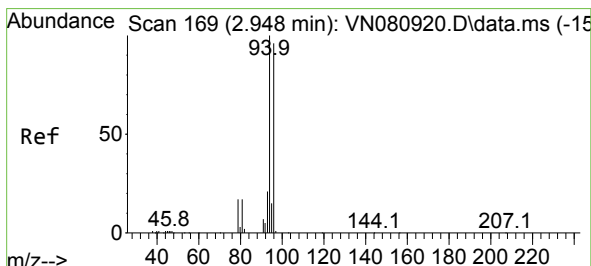
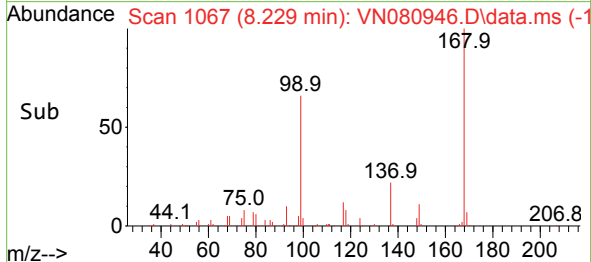
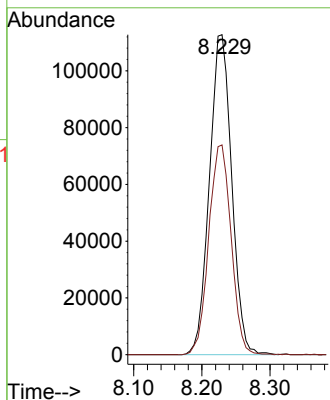
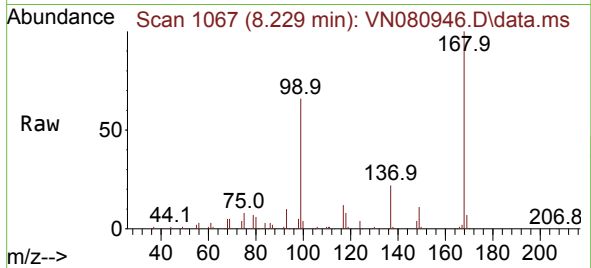




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

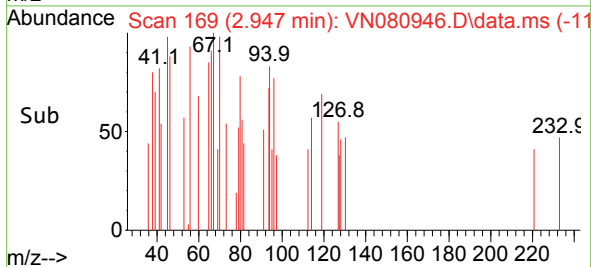
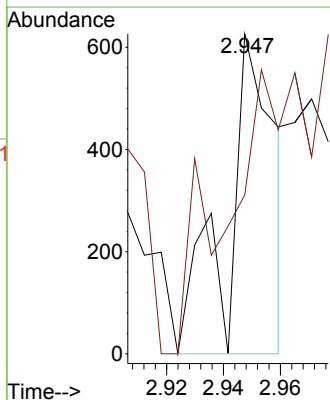
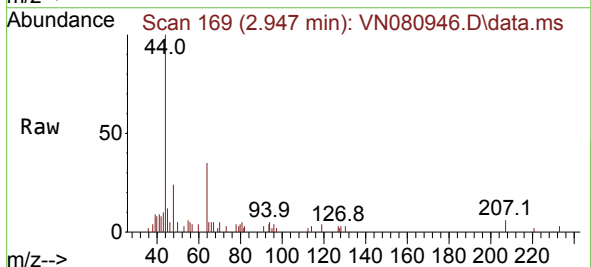
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63

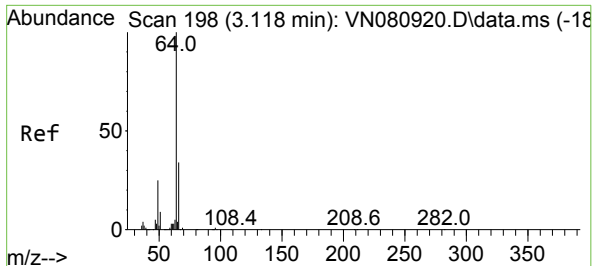
Tgt Ion:168 Resp: 256724
Ion Ratio Lower Upper
168 100
99 65.6 59.9 89.9



#5
Bromomethane
Concen: 0.294 ug/l
RT: 2.947 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Tgt Ion: 94 Resp: 719
Ion Ratio Lower Upper
94 100
96 49.7 69.2 103.8#

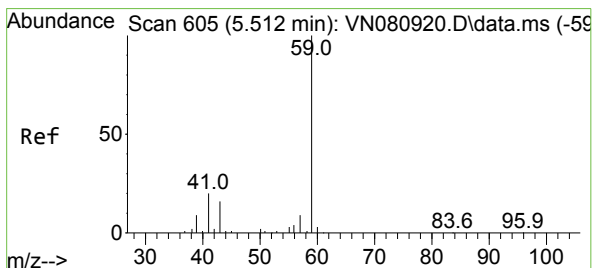
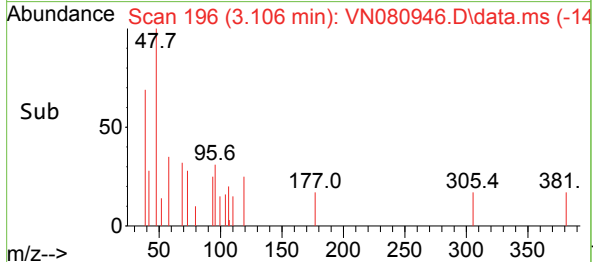
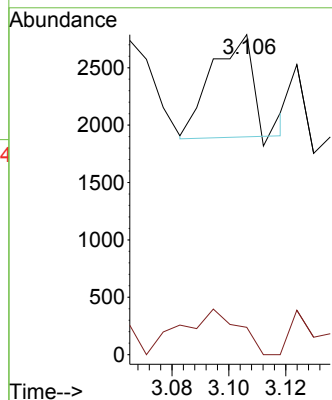
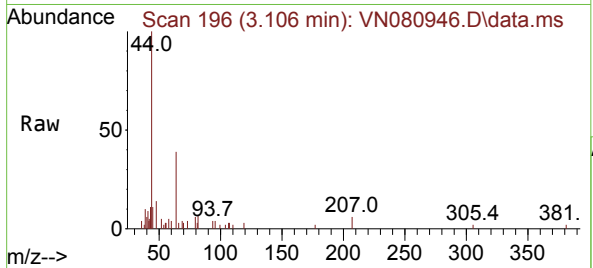




#6
Chloroethane
Concen: 0.349 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

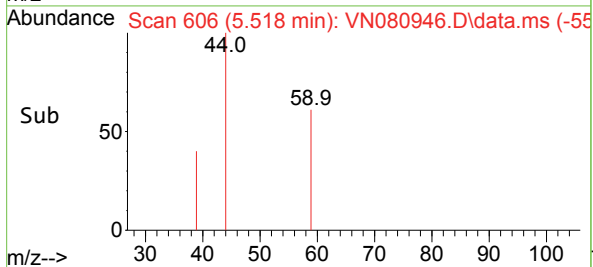
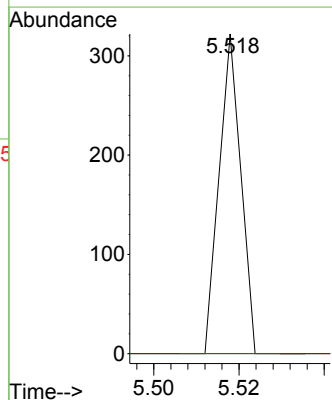
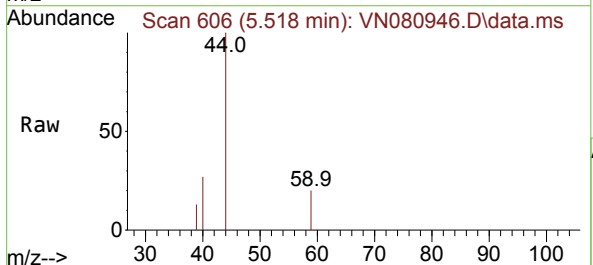
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63

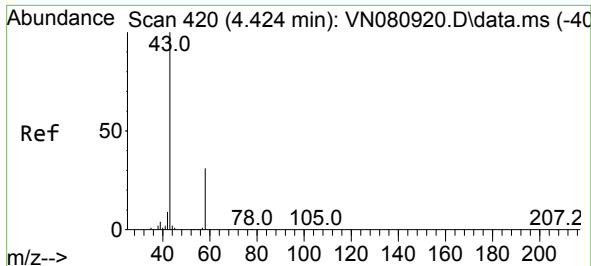
Tgt Ion: 64 Resp: 936
Ion Ratio Lower Upper
64 100
66 27.0 26.4 39.6



#11
Tert butyl alcohol
Concen: 0.255 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Tgt Ion: 59 Resp: 114
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

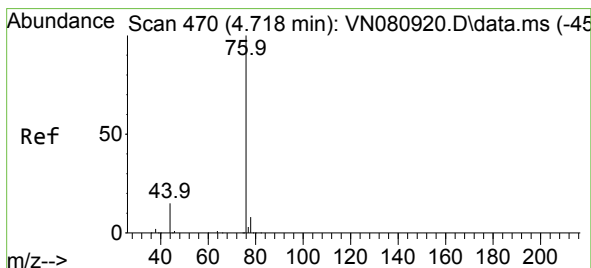
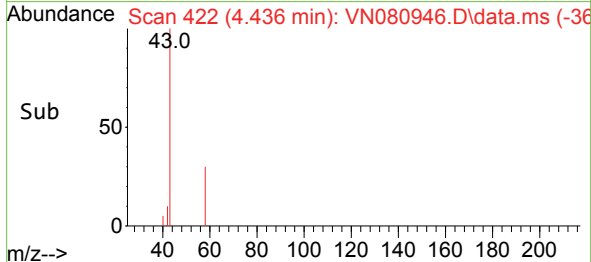
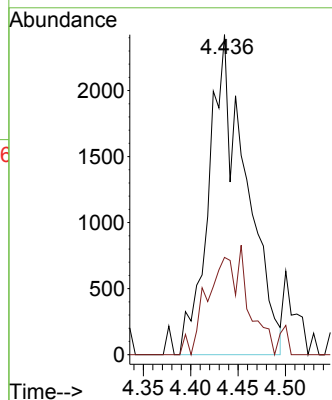
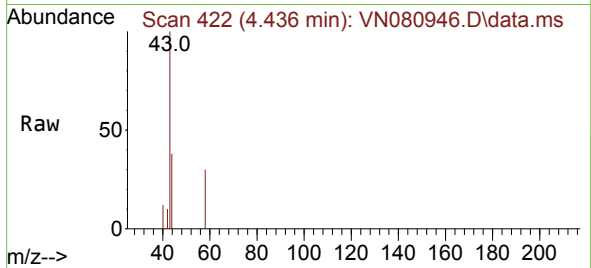




#16
Acetone
Concen: 6.237 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

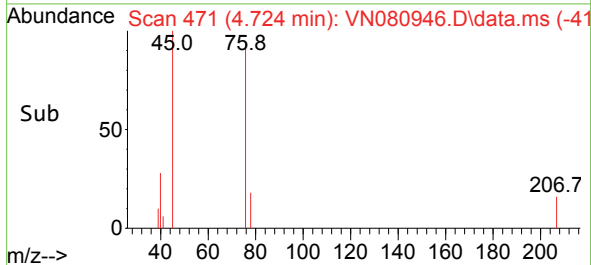
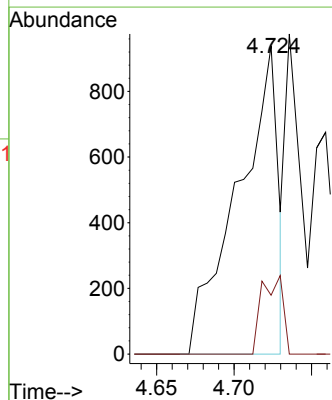
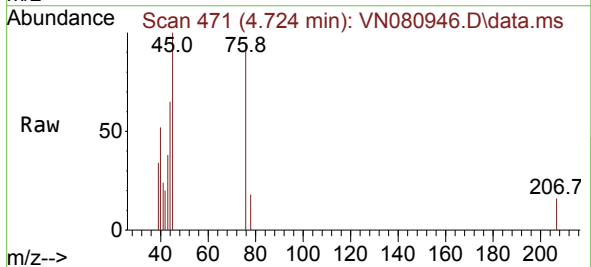
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63

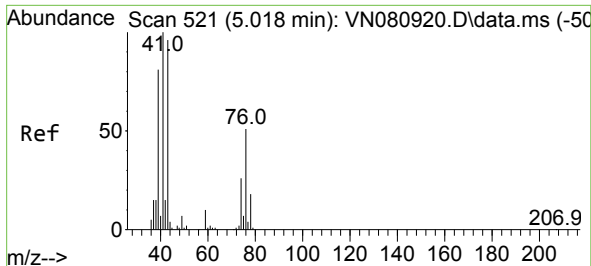
Tgt Ion: 43 Resp: 6646
Ion Ratio Lower Upper
43 100
58 30.4 24.8 37.2



#17
Carbon Disulfide
Concen: 0.242 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Tgt Ion: 76 Resp: 1682
Ion Ratio Lower Upper
76 100
78 19.1 6.3 9.5#

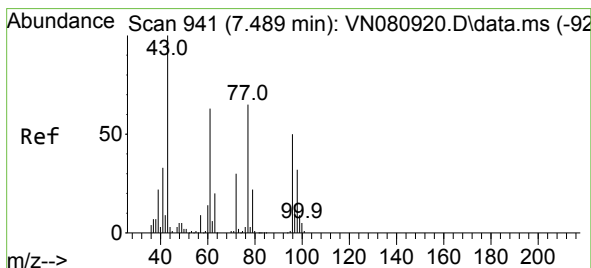
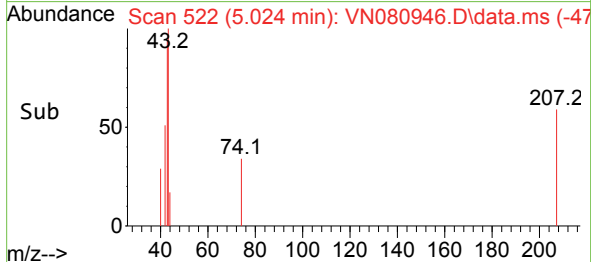
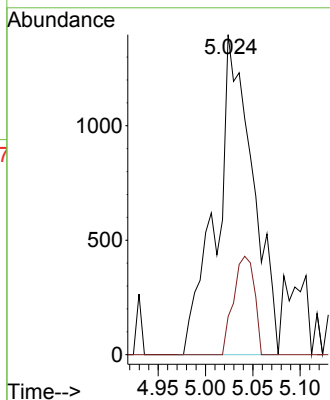
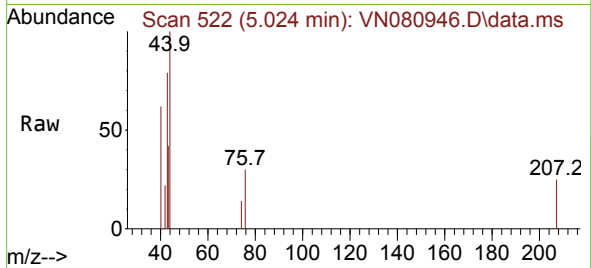




#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

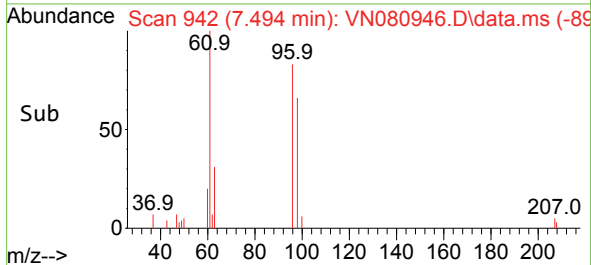
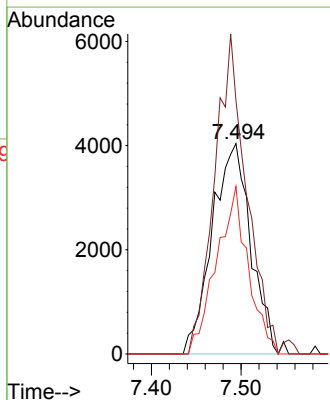
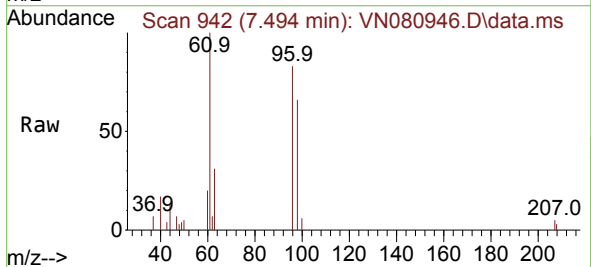
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63

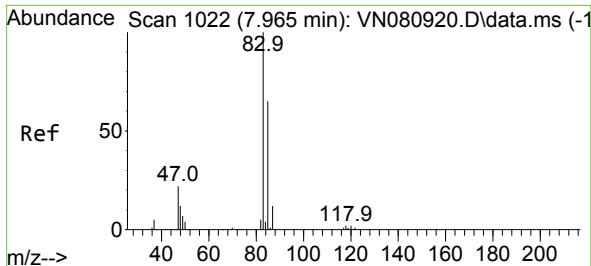
Tgt Ion: 43 Resp: 3729
Ion Ratio Lower Upper
43 100
74 17.7 17.3 25.9



#27
cis-1,2-Dichloroethene
Concen: 3.351 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Tgt Ion: 96 Resp: 12030
Ion Ratio Lower Upper
96 100
61 126.8 0.0 325.4
98 65.8 0.0 130.4

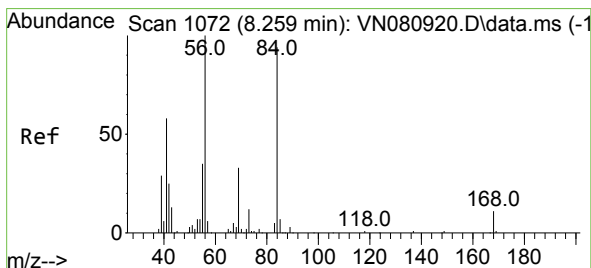
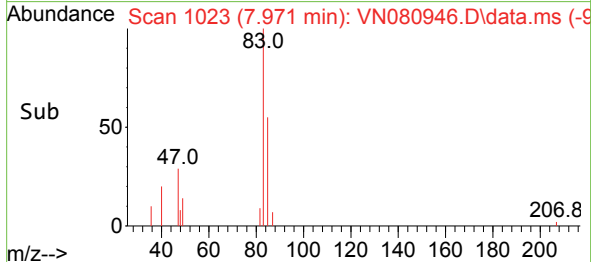
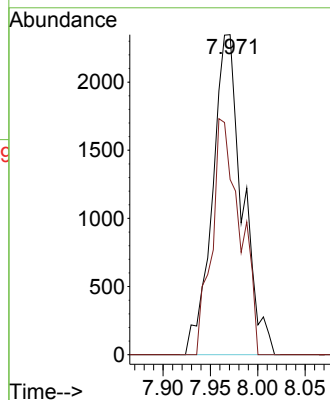
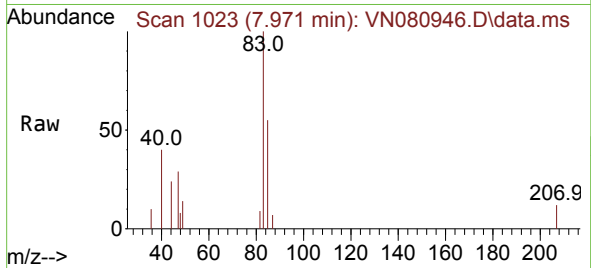




#30
Chloroform
Concen: 0.850 ug/l
RT: 7.971 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

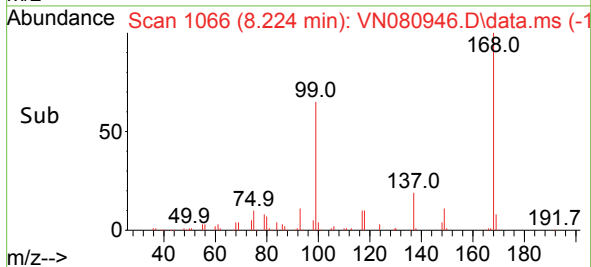
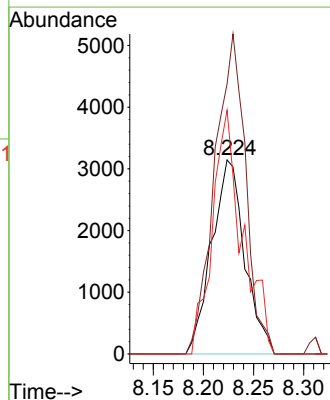
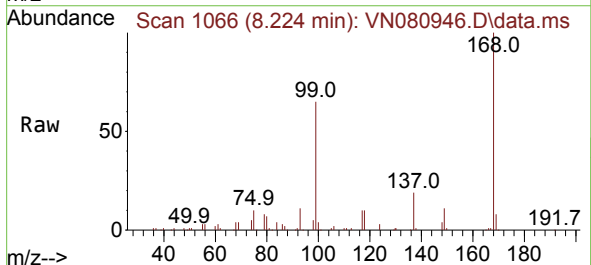
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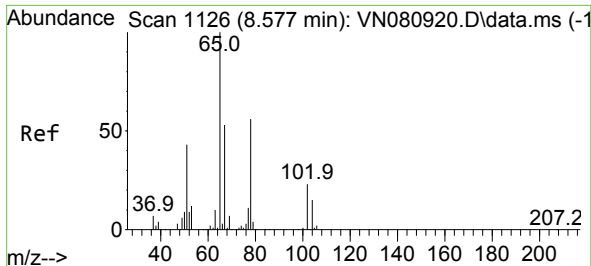
Tgt Ion: 83 Resp: 5174
Ion Ratio Lower Upper
83 100
85 54.8 51.0 76.6



#31
Cyclohexane
Concen: 1.622 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.036 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Tgt Ion: 56 Resp: 7180
Ion Ratio Lower Upper
56 100
69 139.2 20.1 30.1#
84 125.6 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 57.661 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080946.D

Acq: 07 Feb 2024 19:15

Instrument :

MSVOA_N

ClientSampleId :

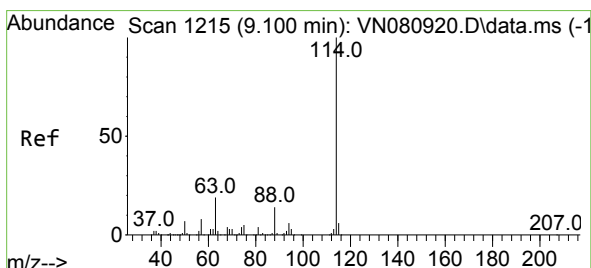
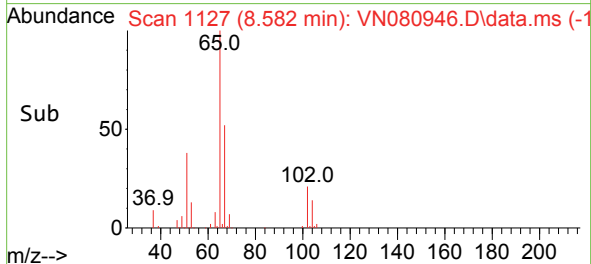
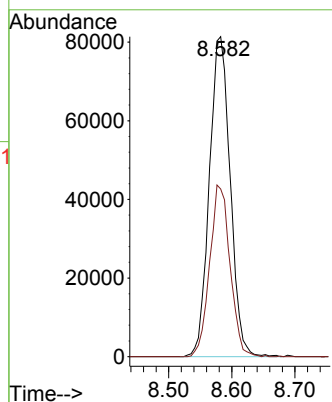
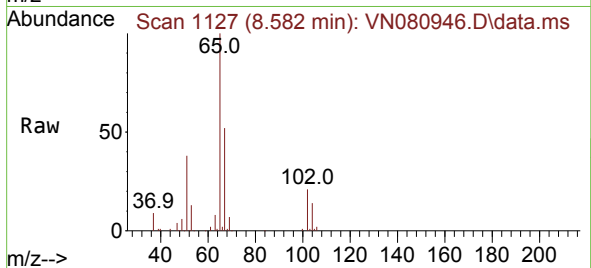
CG-MW-63

Tgt Ion: 65 Resp: 186741

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080946.D

Acq: 07 Feb 2024 19:15

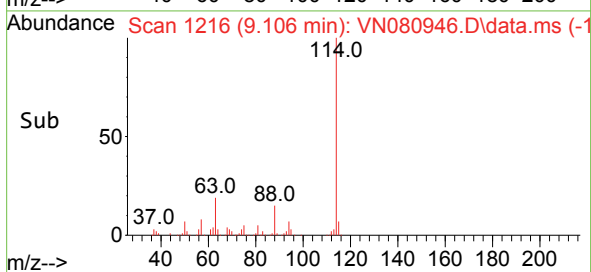
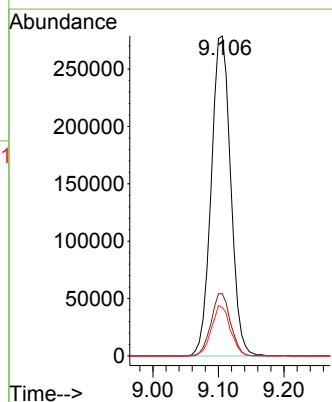
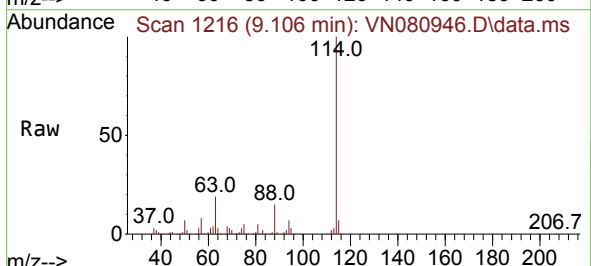
Tgt Ion: 114 Resp: 573896

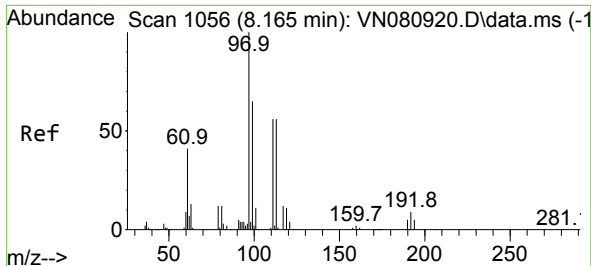
Ion Ratio Lower Upper

114 100

63 19.5 0.0 48.0

88 15.2 0.0 34.8

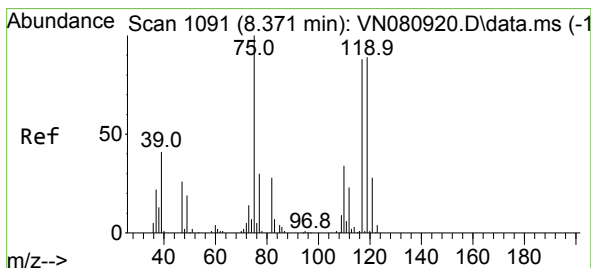
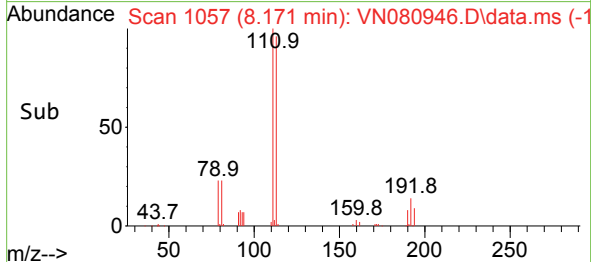
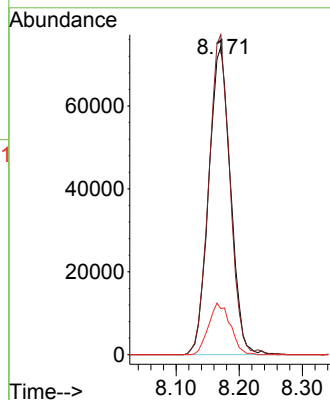
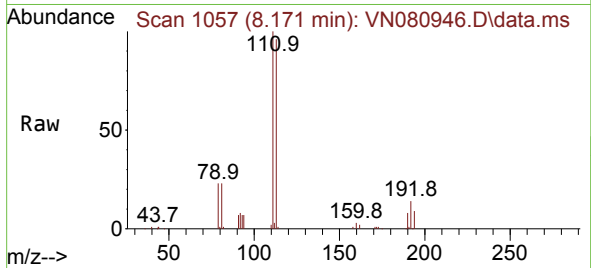




#35
Dibromofluoromethane
Concen: 57.618 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

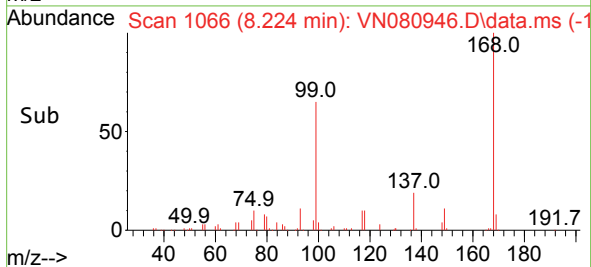
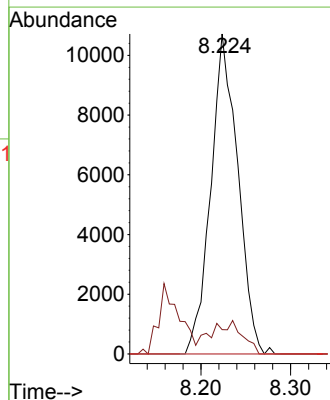
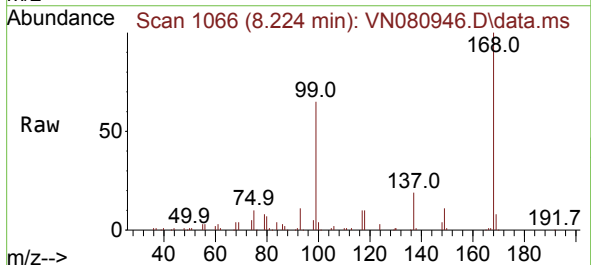
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63

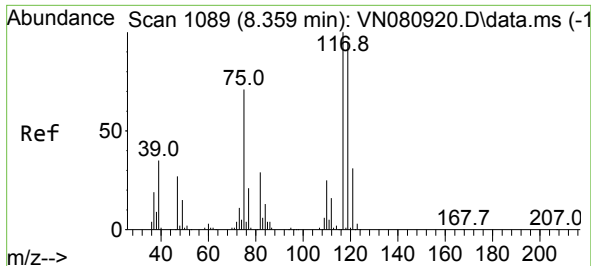
Tgt Ion:113 Resp: 177436
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 16.8 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.897 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Tgt Ion: 75 Resp: 22434
Ion Ratio Lower Upper
75 100
110 12.2 16.0 48.0#
77 0.0 25.8 38.6#

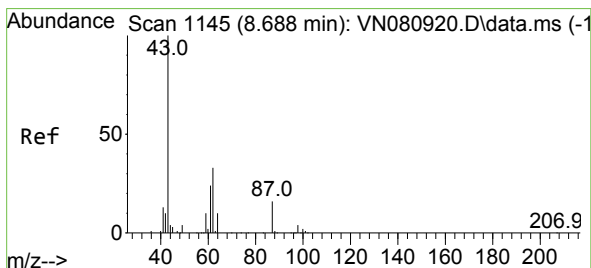
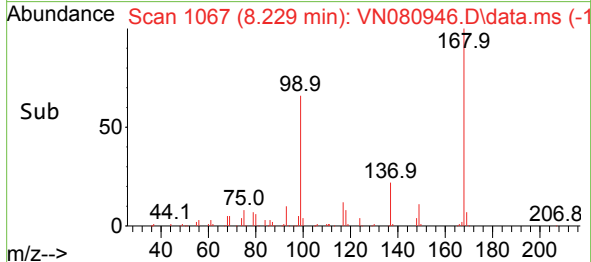
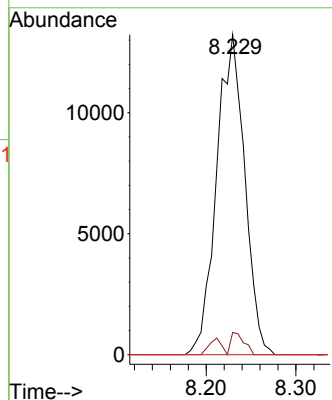
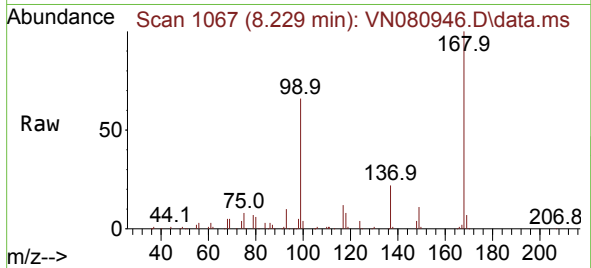




#38
Carbon Tetrachloride
Concen: 6.125 ug/l
RT: 8.229 min Scan# 1107
Delta R.T. -0.130 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

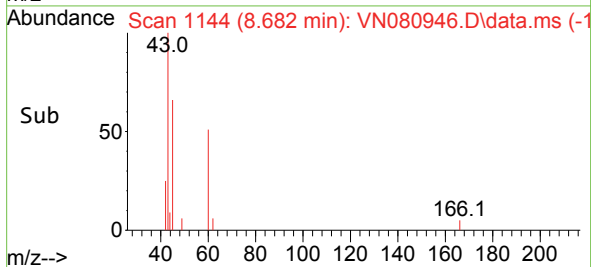
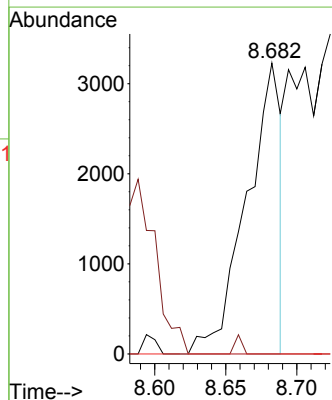
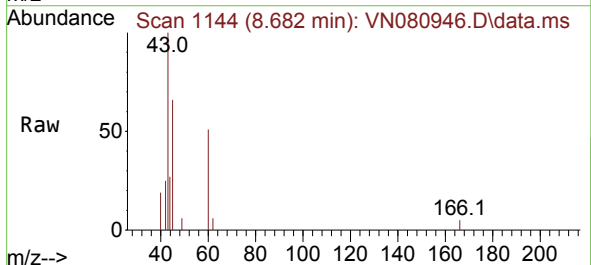
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63

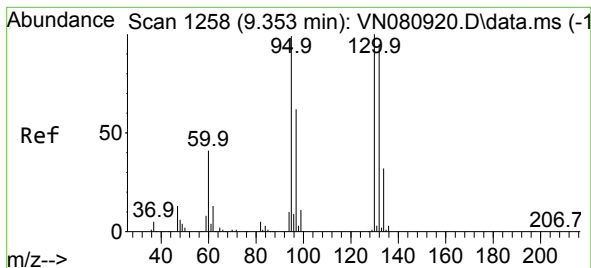
Tgt Ion:117 Resp: 28766
Ion Ratio Lower Upper
117 100
119 6.9 73.4 110.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.855 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Tgt Ion: 43 Resp: 5448
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#





#44

Trichloroethene

Concen: 1.883 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN080946.D

Acq: 07 Feb 2024 19:15

Instrument :

MSVOA_N

ClientSampleId :

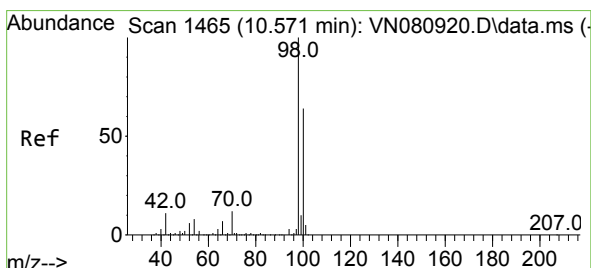
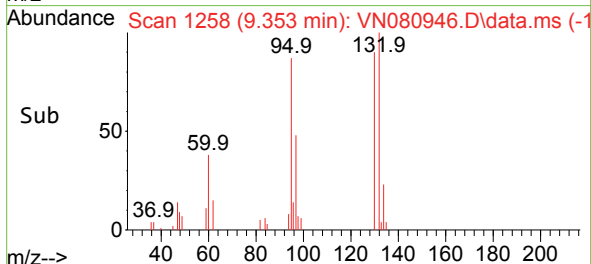
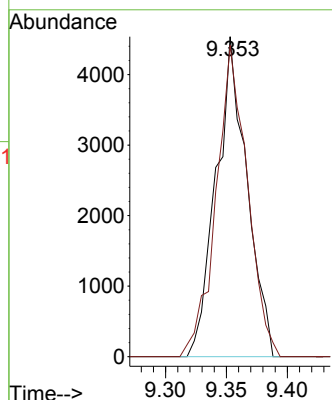
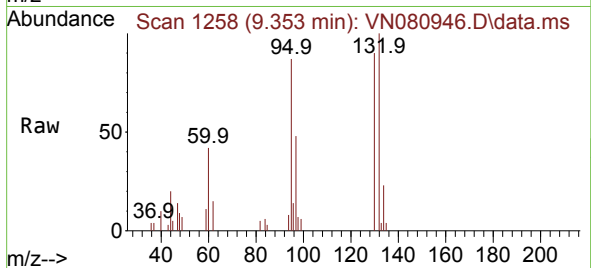
CG-MW-63

Tgt Ion:130 Resp: 7974

Ion Ratio Lower Upper

130 100

95 97.3 0.0 210.4



#50

Toluene-d8

Concen: 58.190 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN080946.D

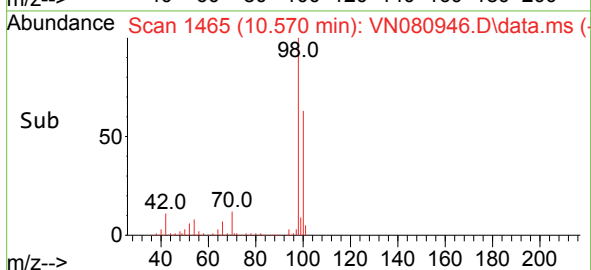
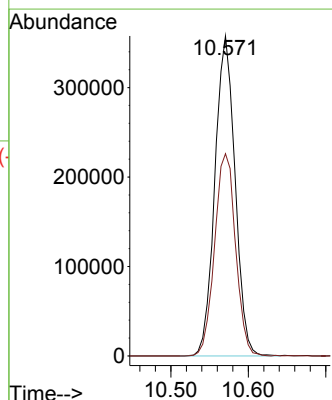
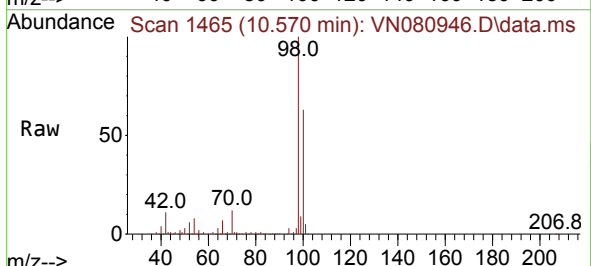
Acq: 07 Feb 2024 19:15

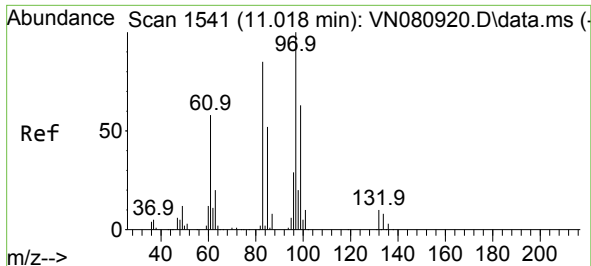
Tgt Ion: 98 Resp: 648171

Ion Ratio Lower Upper

98 100

100 65.7 51.4 77.0

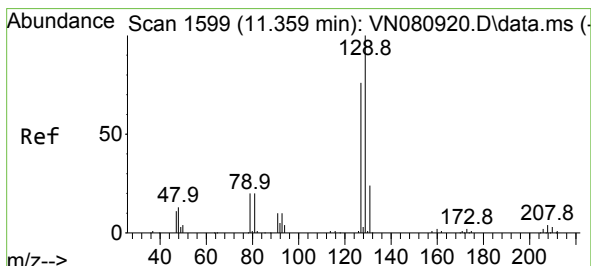
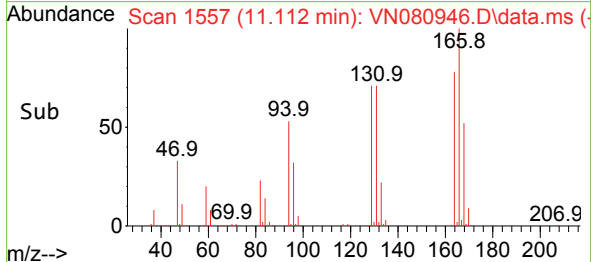
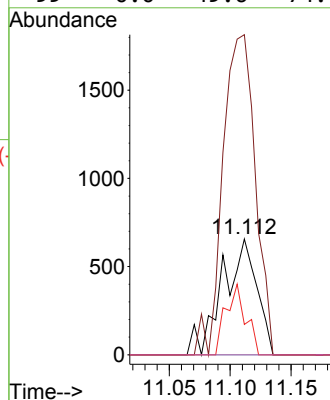
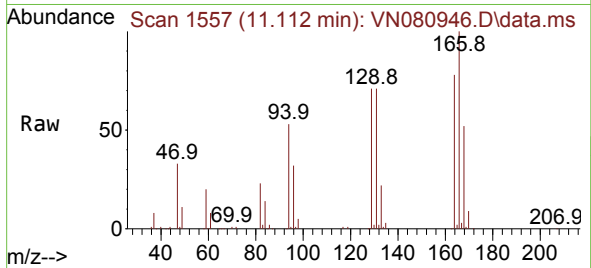




#55
1,1,2-Trichloroethane
Concen: 0.359 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.094 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

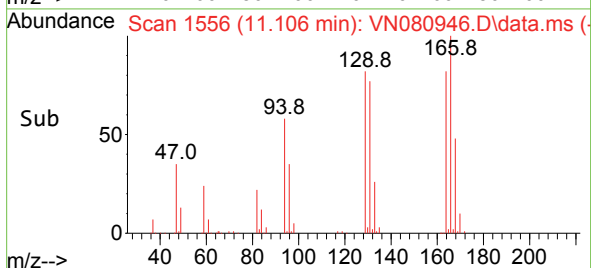
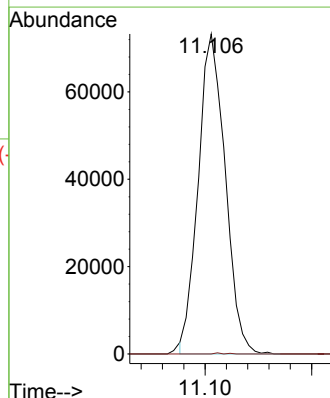
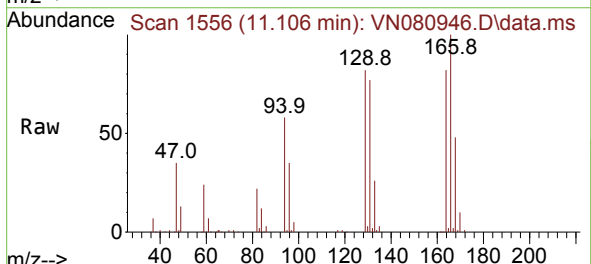
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63

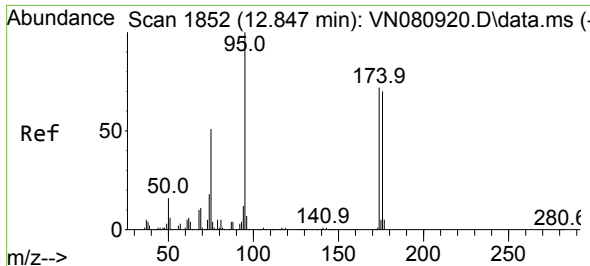
Tgt Ion: 97 Resp: 1296
Ion Ratio Lower Upper
97 100
83 276.7 72.9 109.3#
85 26.2 50.2 75.2#
99 0.0 49.6 74.4#



#60
Dibromochloromethane
Concen: 34.897 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.253 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Tgt Ion: 129 Resp: 128731
Ion Ratio Lower Upper
129 100
127 0.1 39.4 118.2#

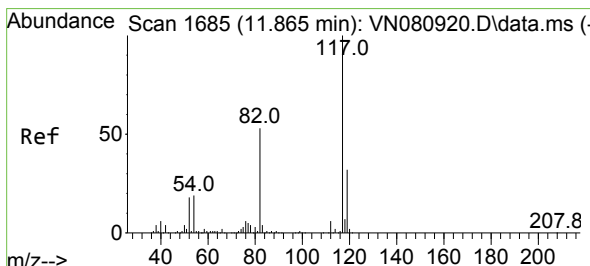
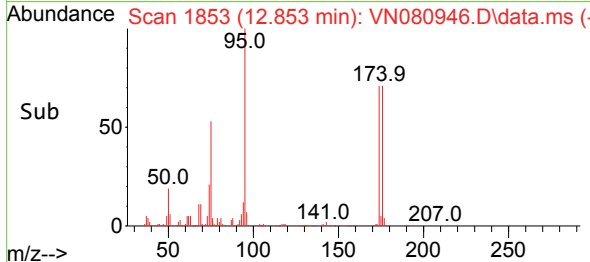
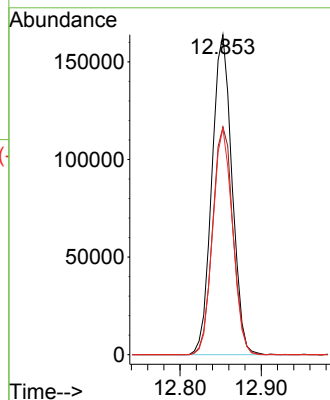
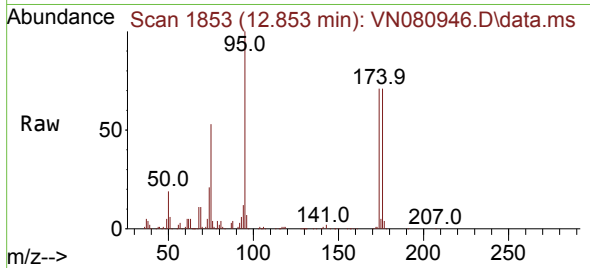




#62
4-Bromofluorobenzene
Concen: 69.619 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

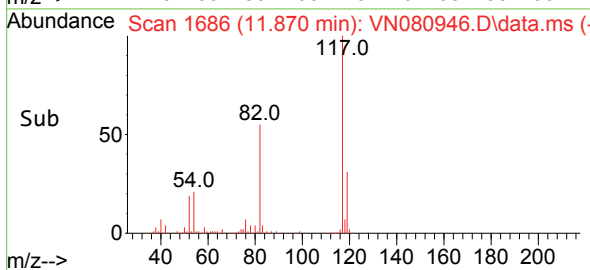
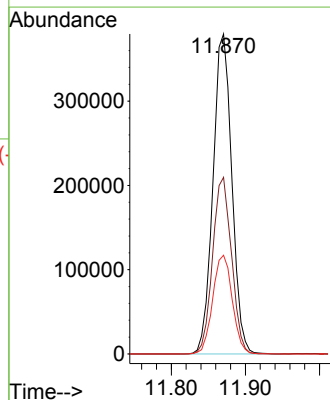
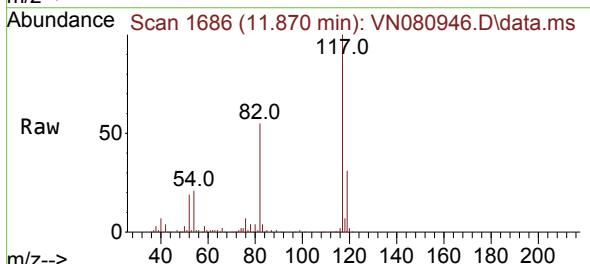
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63

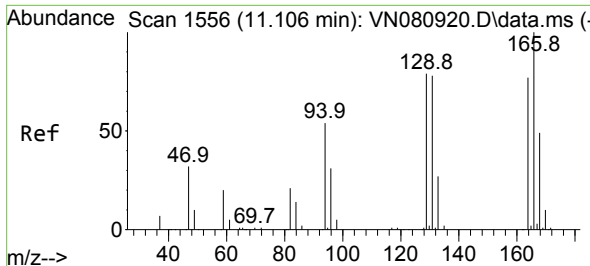
Tgt Ion: 95 Resp: 281715
Ion Ratio Lower Upper
95 100
174 72.2 0.0 120.4
176 69.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

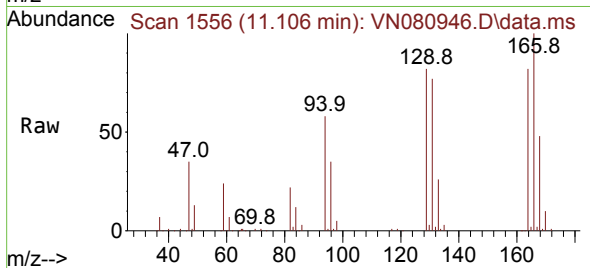
Tgt Ion: 117 Resp: 671116
Ion Ratio Lower Upper
117 100
82 55.2 52.7 79.1
119 30.9 25.3 37.9



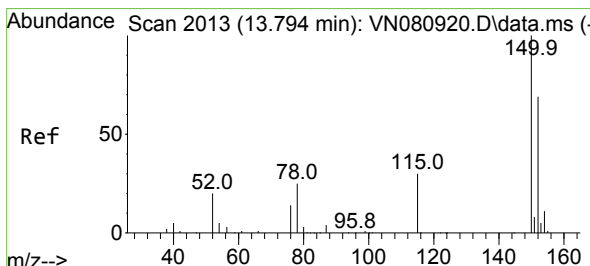
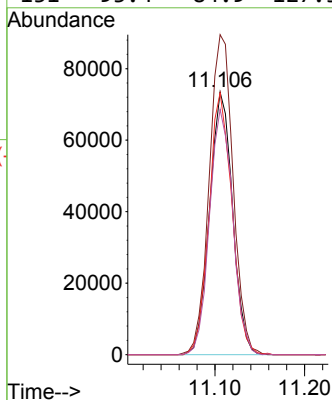
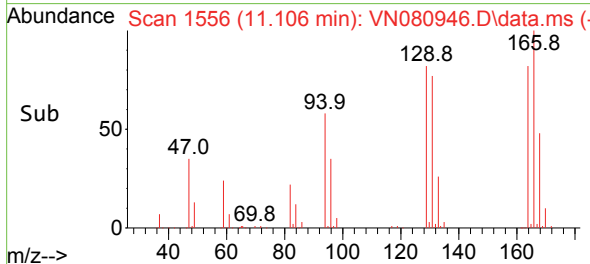


#64
Tetrachloroethene
Concen: 25.817 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

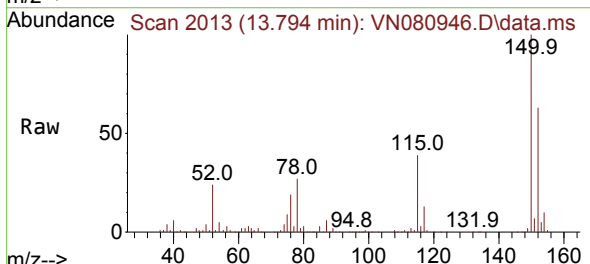
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63



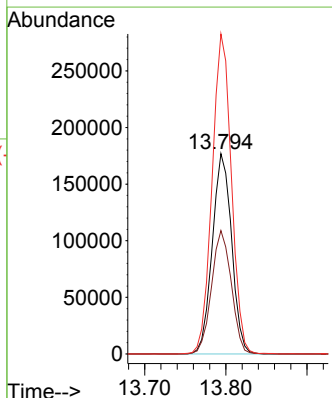
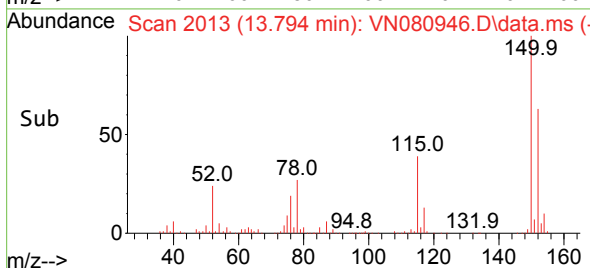
Tgt Ion:164 Resp: 130780
Ion Ratio Lower Upper
164 100
166 121.8 105.8 158.6
129 99.7 89.6 134.4
131 93.4 84.9 127.3

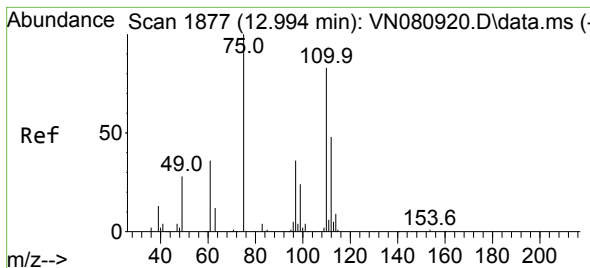


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15



Tgt Ion:152 Resp: 292692
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 159.4 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 25.399 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080946.D

Acq: 07 Feb 2024 19:15

Instrument :

MSVOA_N

ClientSampleId :

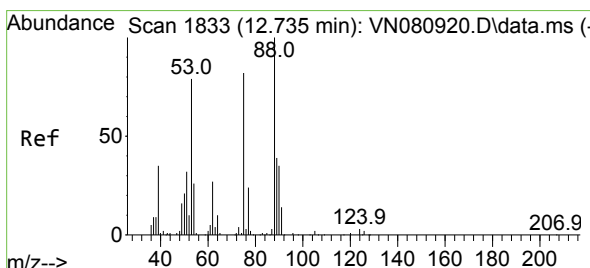
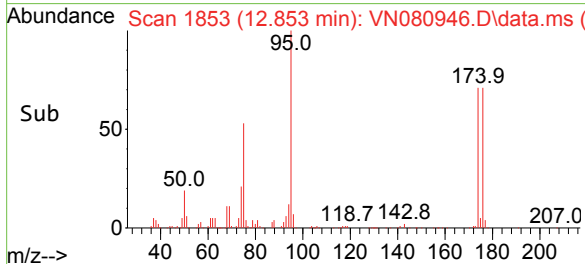
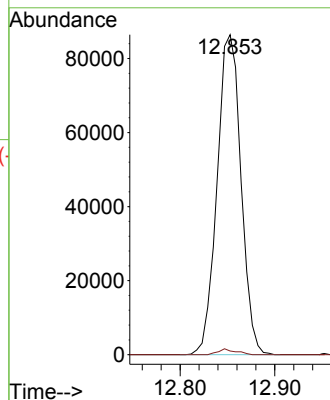
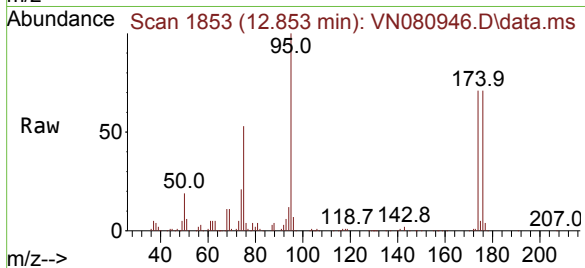
CG-MW-63

Tgt Ion: 75 Resp: 151576

Ion Ratio Lower Upper

75 100

77 1.3 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.006 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.117 min

Lab File: VN080946.D

Acq: 07 Feb 2024 19:15

Tgt Ion: 75 Resp: 151576

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.1 33.4 50.0#

