

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071680.D
 Acq On : 31 Mar 2022 00:32
 Operator : JC\MD
 Sample : N2075-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GM38-RW3-MW1-20220321

Quant Time: Mar 31 01:40:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 19:18:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.087	168	633963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1059725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1046919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	348376	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	357318	49.371	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.740%
35) Dibromofluoromethane	8.022	113	301710	48.383	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.760%
50) Toluene-d8	10.439	98	1307004	51.236	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.480%
62) 4-Bromofluorobenzene	12.727	95	412358	49.982	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.960%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.081	85	56	0.011	ug/l #	43
3) Chloromethane	2.305	50	2567	0.402	ug/l	91
5) Bromomethane	2.875	94	1522	0.334	ug/l #	78
6) Chloroethane	3.063	64	963	0.191	ug/l #	42
9) 1,1,2-Trichlorotrifluo...	4.222	101	716	0.130	ug/l	90
10) Methyl Iodide	4.422	142	352	0.046	ug/l #	64
13) Acrolein	4.034	56	250	0.175	ug/l #	62
14) Allyl chloride	4.581	41	1866	0.220	ug/l #	72
15) Acrylonitrile	5.563	53	54	0.016	ug/l #	17
16) Acetone	4.293	43	5724	1.851	ug/l #	84
17) Carbon Disulfide	4.546	76	748	0.062	ug/l #	75
18) Methyl Acetate	4.851	43	2982	Below Cal	#	48
19) Methyl tert-butyl Ether	5.628	73	419	0.022	ug/l #	54
20) Methylene Chloride	5.087	84	220	0.034	ug/l #	15
24) 1,1-Dichloroethane	6.387	63	707	0.065	ug/l #	82
25) 2-Butanone	7.345	43	218	0.049	ug/l #	45
27) cis-1,2-Dichloroethene	7.328	96	300	0.043	ug/l	51
30) Chloroform	7.822	83	1043	0.091	ug/l #	83
31) Cyclohexane	8.081	56	11464	1.165	ug/l #	1
32) 1,1,1-Trichloroethane	8.016	97	810	0.083	ug/l #	24
36) 1,1-Dichloropropene	8.081	75	43453	4.990	ug/l #	49
37) Ethyl Acetate	7.363	43	54	0.006	ug/l #	67
38) Carbon Tetrachloride	8.087	117	56735	6.648	ug/l #	17
39) Methylcyclohexane	9.216	83	1205	0.116	ug/l #	1
40) Benzene	8.457	78	124	0.005	ug/l #	51
41) Methacrylonitrile	7.704	41	70	0.015	ug/l #	16
42) 1,2-Dichloroethane	8.516	62	629	0.066	ug/l #	74
43) Isopropyl Acetate	8.616	43	5098	0.322	ug/l #	53
44) Trichloroethene	9.210	130	115029	16.231	ug/l	95
49) 1,4-Dioxane	9.581	88	891	Below Cal	#	34
51) 4-Methyl-2-Pentanone	10.339	43	618	0.068	ug/l #	33
52) Toluene	10.492	92	76	0.004	ug/l #	1
53) t-1,3-Dichloropropene	10.428	75	282	0.029	ug/l #	55
54) cis-1,3-Dichloropropene	10.428	75	282	0.027	ug/l #	74
55) 1,1,2-Trichloroethane	10.892	97	133	0.019	ug/l #	16
59) 2-Hexanone	11.086	43	1286	0.200	ug/l	87

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071680.D
 Acq On : 31 Mar 2022 00:32
 Operator : JC\MD
 Sample : N2075-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GM38-RW3-MW1-20220321

Quant Time: Mar 31 01:40:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 19:18:20 2022
 Response via : Initial Calibration

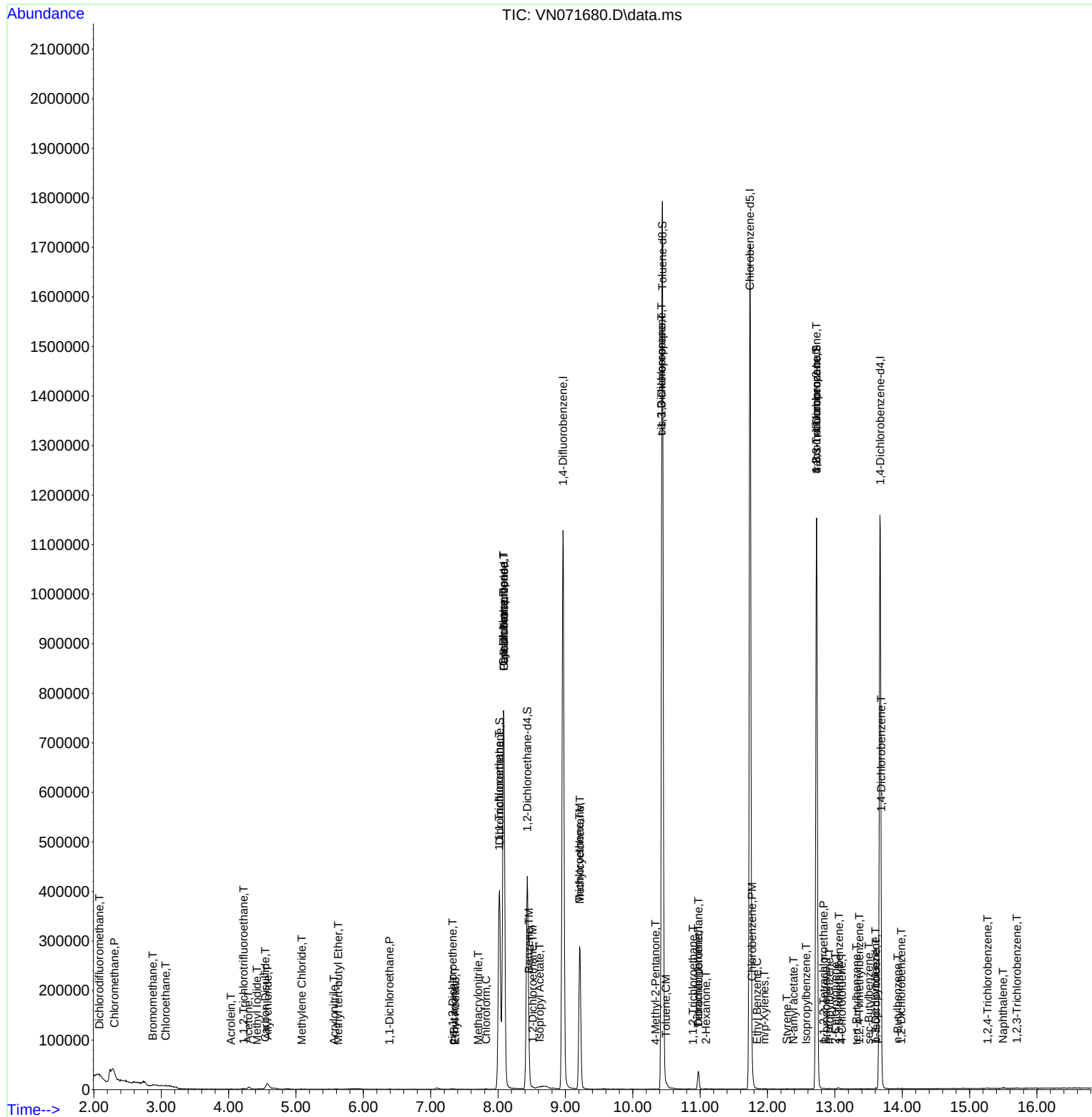
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Dibromochloromethane	10.975	129	8043	1.153	ug/l #	11
64) Tetrachloroethene	10.969	164	8447	1.222	ug/l	92
65) Chlorobenzene	11.769	112	333	0.016	ug/l #	43
67) Ethyl Benzene	11.845	91	590	0.017	ug/l #	44
68) m/p-Xylenes	11.957	106	428	0.031	ug/l	89
70) Styrene	12.286	104	397	0.019	ug/l #	35
73) Isopropylbenzene	12.575	105	256	0.009	ug/l #	48
74) N-amyl acetate	12.386	43	356	0.042	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.833	83	149	0.015	ug/l #	69
76) 1,2,3-Trichloropropane	12.727	75	202593	25.103	ug/l #	1
77) Bromobenzene	12.863	156	114	0.015	ug/l #	45
78) n-propylbenzene	12.916	91	1020	0.033	ug/l #	52
79) 2-Chlorotoluene	13.004	91	419	0.021	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.063	105	212	0.009	ug/l	65
81) trans-1,4-Dichloro-2-b...	12.727	75	202593	77.794	ug/l #	10
82) 4-Chlorotoluene	13.104	91	932	0.051	ug/l #	51
83) tert-Butylbenzene	13.322	119	239	0.011	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.363	105	412	0.018	ug/l	83
85) sec-Butylbenzene	13.504	105	651	0.024	ug/l #	56
86) p-Isopropyltoluene	13.610	119	710	0.032	ug/l #	80
87) 1,3-Dichlorobenzene	13.604	146	713	0.061	ug/l #	69
88) 1,4-Dichlorobenzene	13.686	146	833	0.073	ug/l #	1
89) n-Butylbenzene	13.933	91	894	0.055	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	306	0.027	ug/l #	52
93) 1,2,4-Trichlorobenzene	15.268	180	475	2.168	ug/l #	66
95) Naphthalene	15.498	128	1996	3.919	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.704	180	529	2.508	ug/l #	78

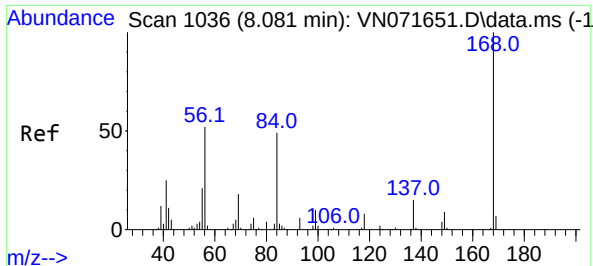
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071680.D
 Acq On : 31 Mar 2022 00:32
 Operator : JC\MD
 Sample : N2075-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GM38-RW3-MW1-20220321

Quant Time: Mar 31 01:40:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 19:18:20 2022
 Response via : Initial Calibration

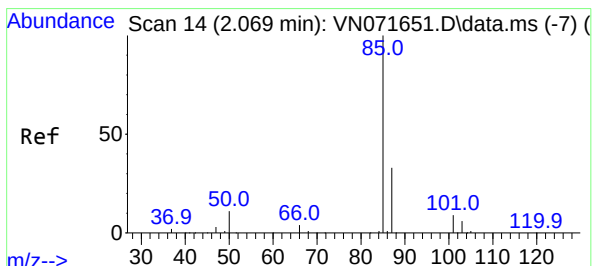
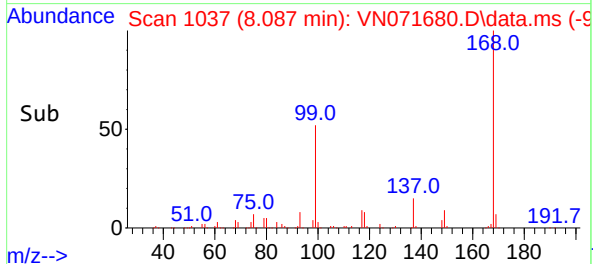
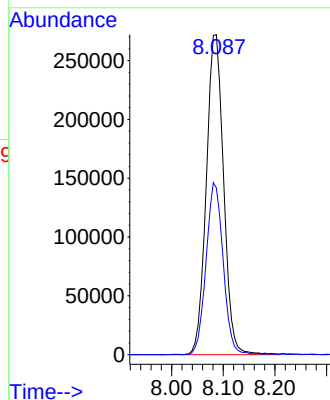
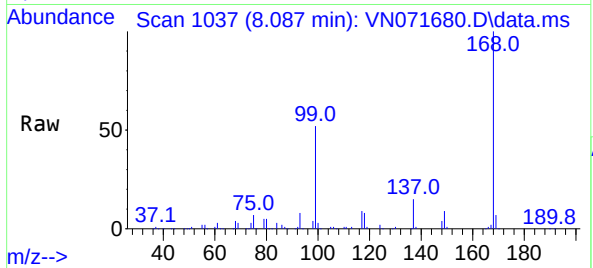




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

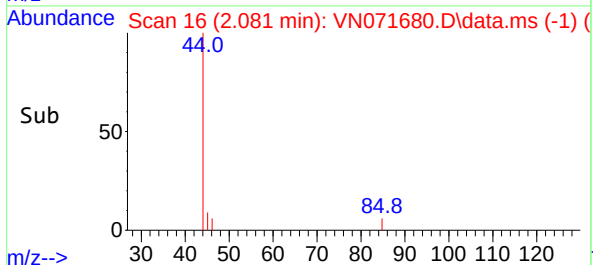
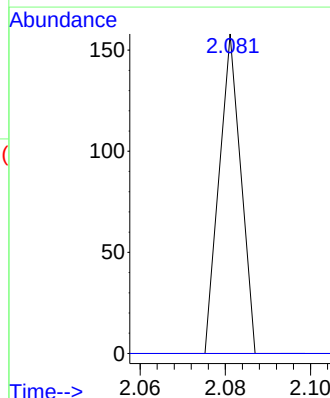
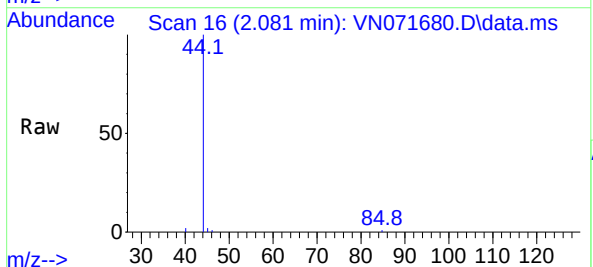
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

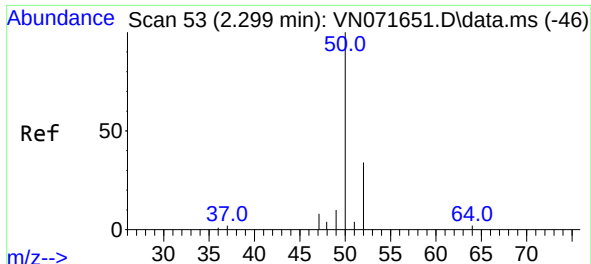
Tgt Ion:168 Resp: 633963
Ion Ratio Lower Upper
168 100
99 52.0 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 0.011 ug/l
RT: 2.081 min Scan# 16
Delta R.T. 0.012 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 85 Resp: 56
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.1#

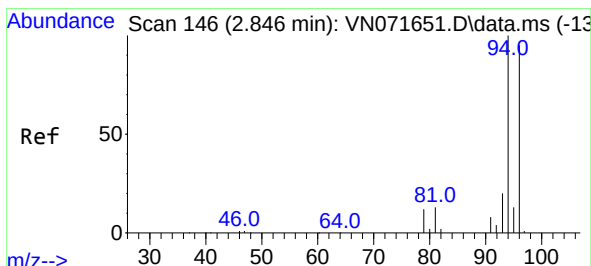
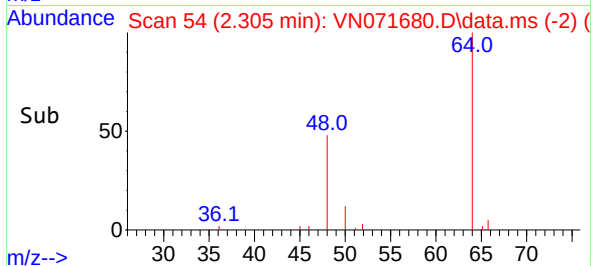
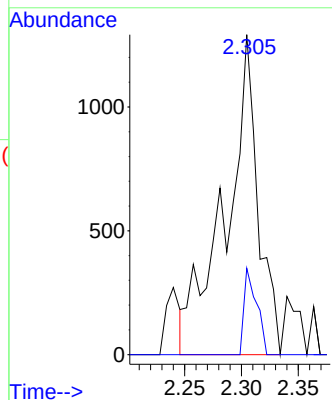
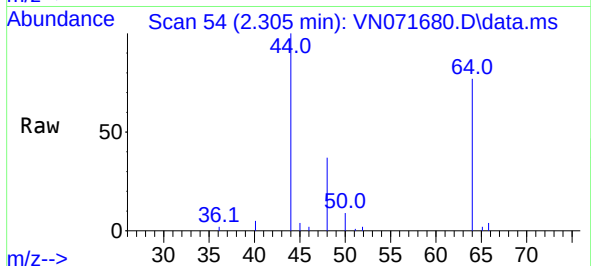




#3
Chloromethane
Concen: 0.402 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

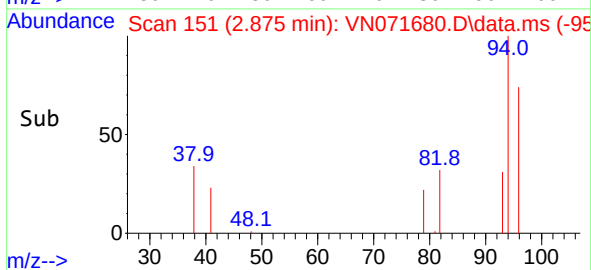
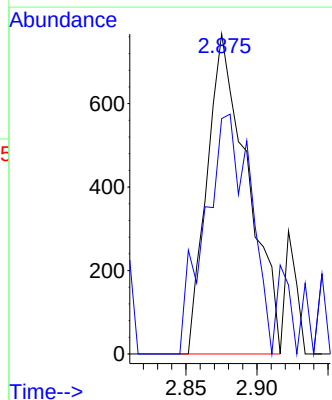
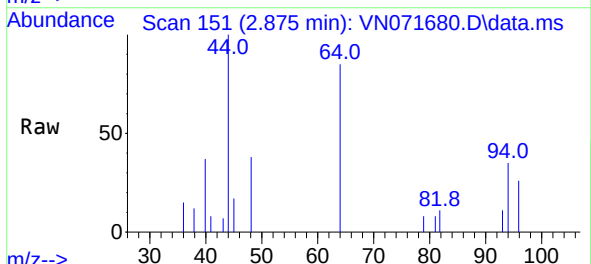
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

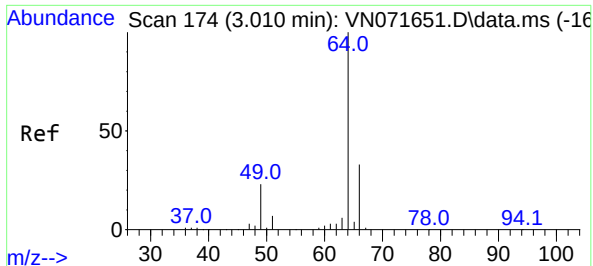
Tgt Ion: 50 Resp: 2567
Ion Ratio Lower Upper
50 100
52 27.0 25.7 38.5



#5
Bromomethane
Concen: 0.334 ug/l
RT: 2.875 min Scan# 151
Delta R.T. 0.029 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 94 Resp: 1522
Ion Ratio Lower Upper
94 100
96 73.5 76.0 114.0#

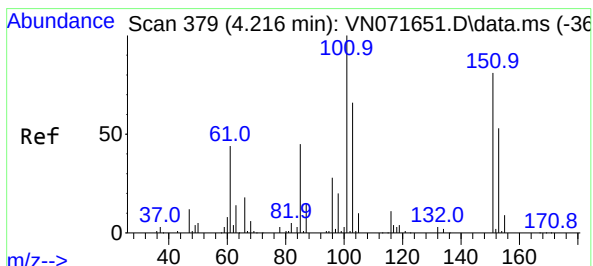
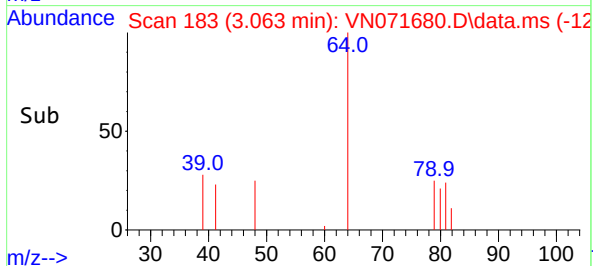
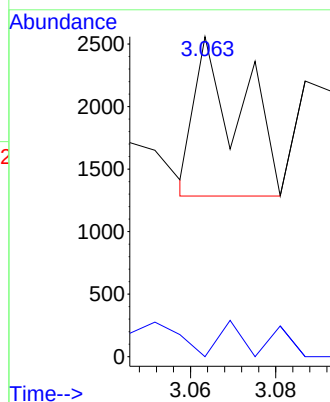
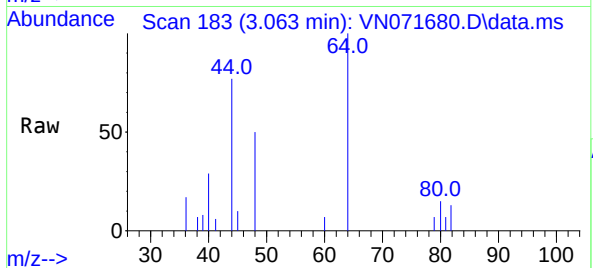




#6
Chloroethane
Concen: 0.191 ug/l
RT: 3.063 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

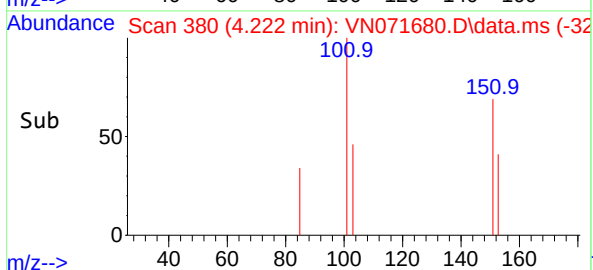
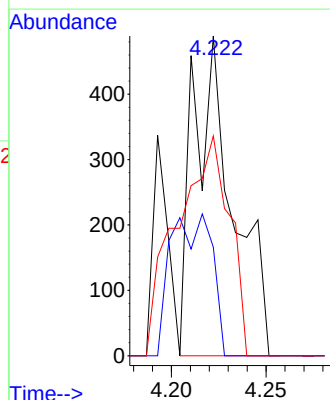
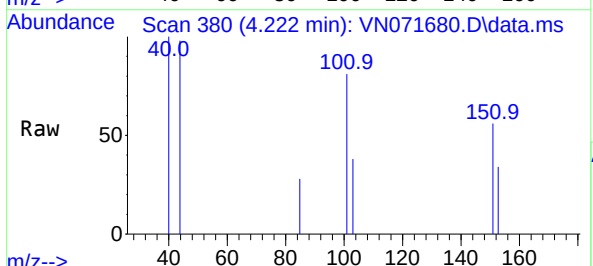
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

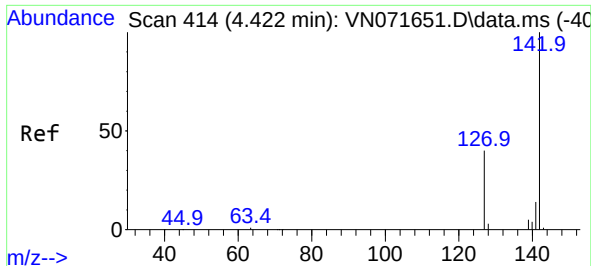
Tgt Ion: 64 Resp: 963
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.130 ug/l
RT: 4.222 min Scan# 380
Delta R.T. 0.006 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

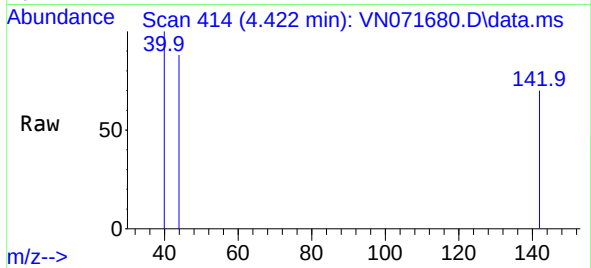
Tgt Ion: 101 Resp: 716
Ion Ratio Lower Upper
101 100
85 45.9 34.7 52.1
151 90.5 63.0 94.4



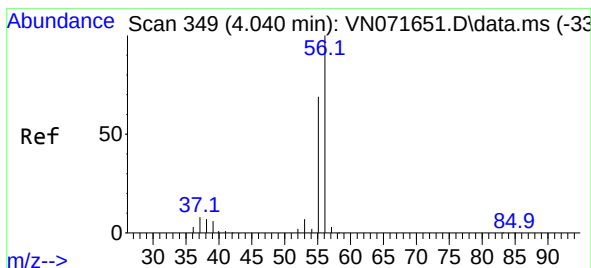
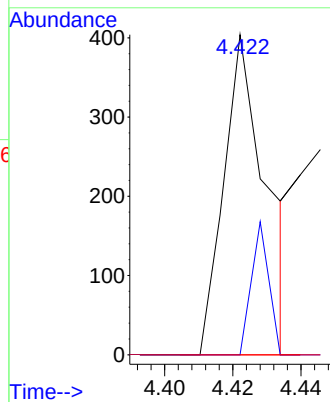
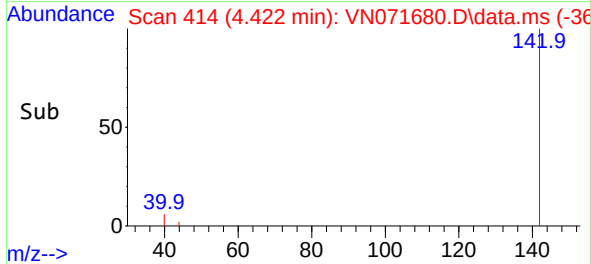


#10
Methyl Iodide
Concen: 0.046 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

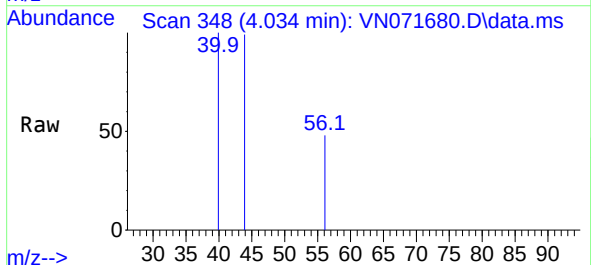
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321



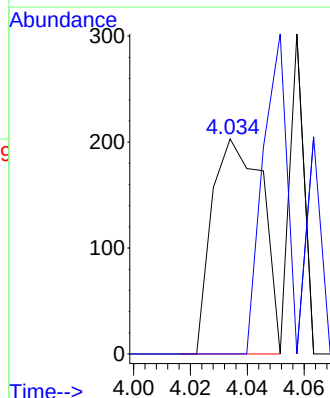
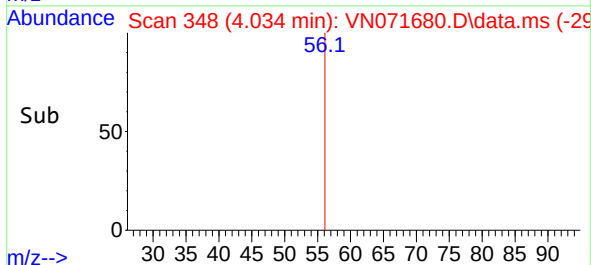
Tgt Ion:142 Resp: 352
Ion Ratio Lower Upper
142 100
127 16.8 31.3 46.9#
141 0.0 11.2 16.8#

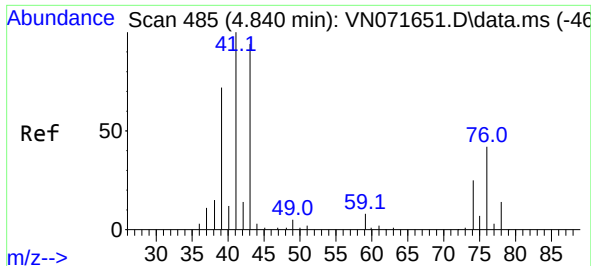


#13
Acrolein
Concen: 0.175 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.006 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32



Tgt Ion: 56 Resp: 250
Ion Ratio Lower Upper
56 100
55 99.2 54.8 82.2#

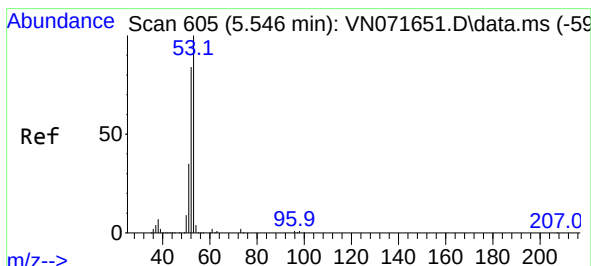
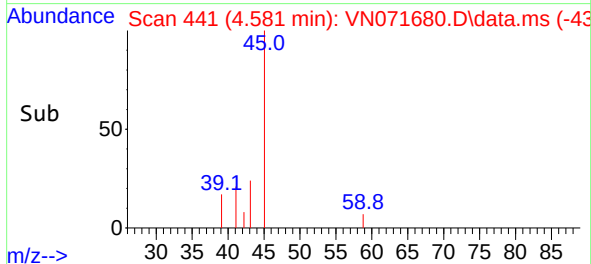
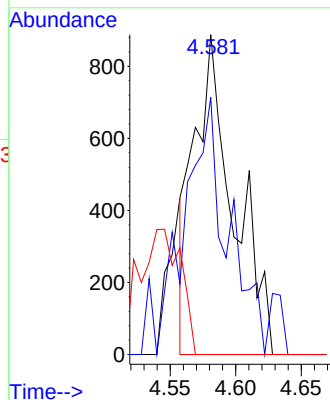
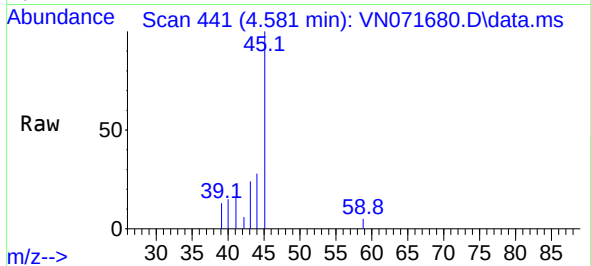




#14
Allyl chloride
Concen: 0.220 ug/l
RT: 4.581 min Scan# 441
Delta R.T. -0.259 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

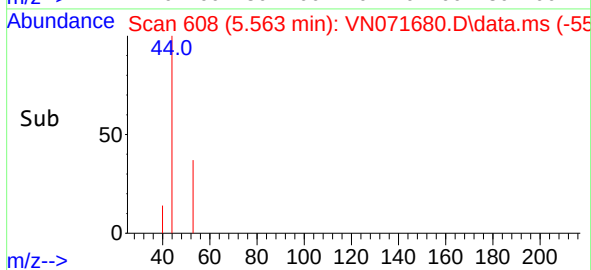
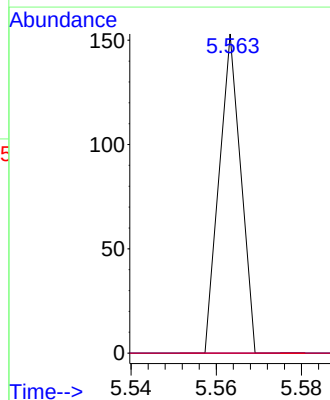
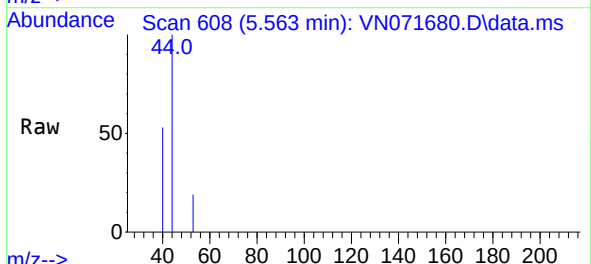
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

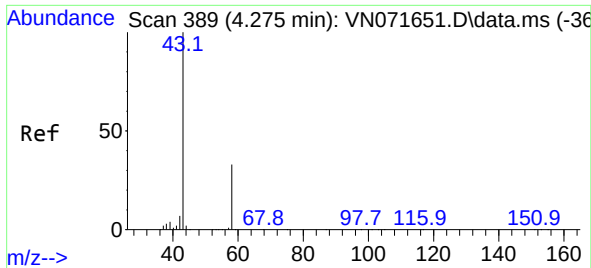
Tgt Ion:	41	Resp:	1866
Ion	Ratio	Lower	Upper
41	100		
39	73.0	53.2	79.8
76	0.0	29.9	44.9#



#15
Acrylonitrile
Concen: 0.016 ug/l
RT: 5.563 min Scan# 608
Delta R.T. 0.017 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion:	53	Resp:	54
Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.4	99.6#
51	0.0	28.5	42.7#

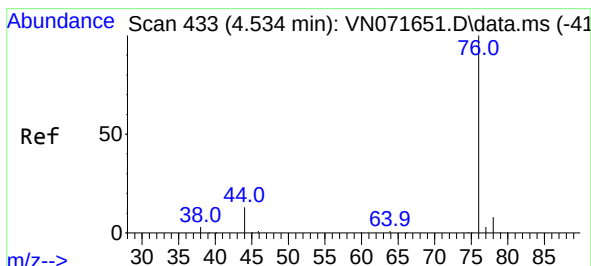
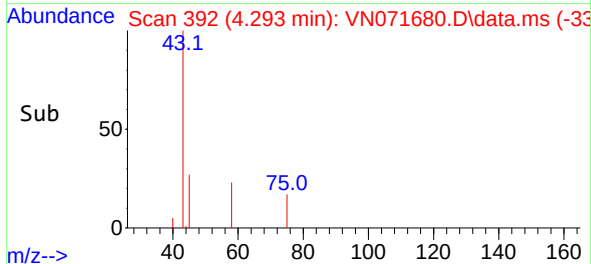
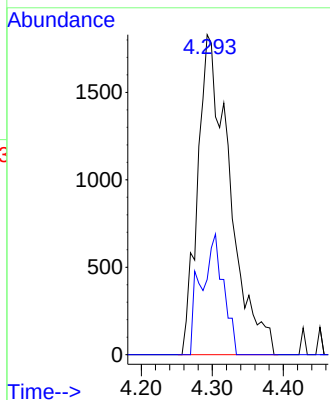
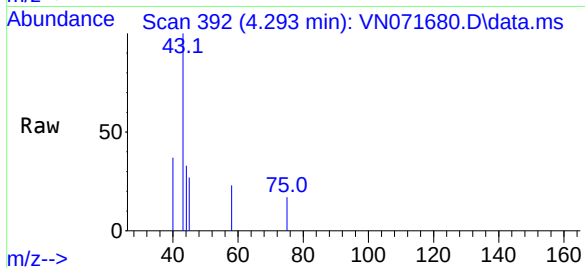




#16
Acetone
Concen: 1.851 ug/l
RT: 4.293 min Scan# 391
Delta R.T. 0.018 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

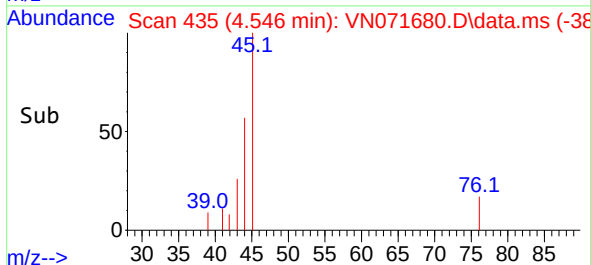
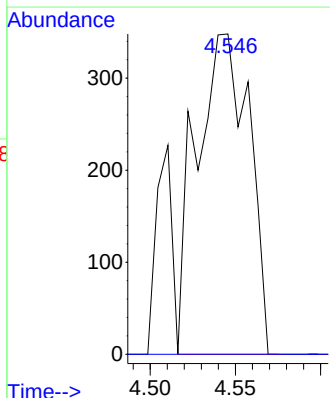
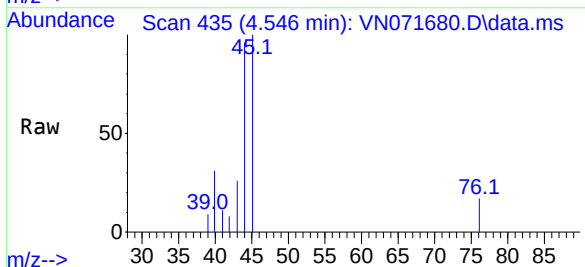
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

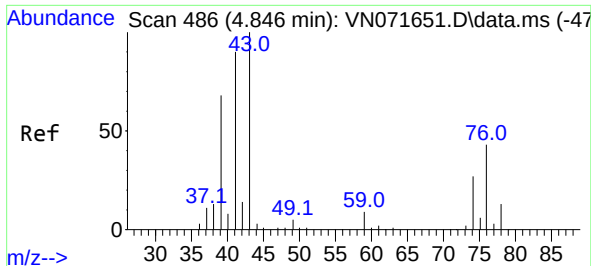
Tgt Ion: 43 Resp: 5724
Ion Ratio Lower Upper
43 100
58 23.5 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.062 ug/l
RT: 4.546 min Scan# 435
Delta R.T. 0.012 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 76 Resp: 748
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

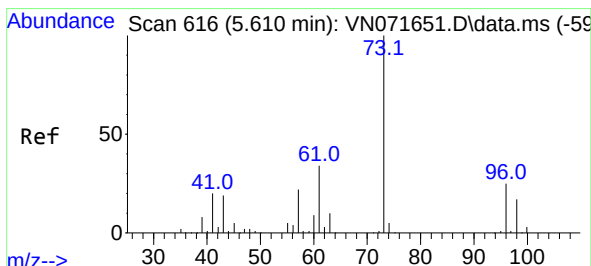
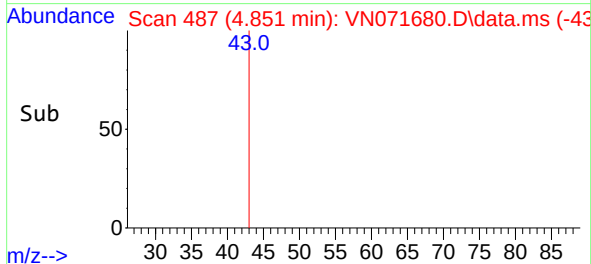
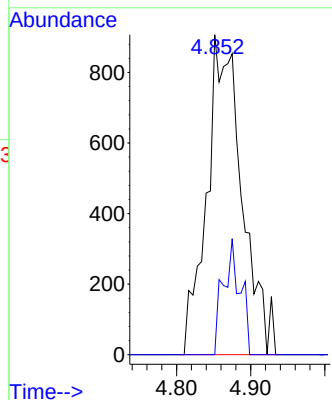
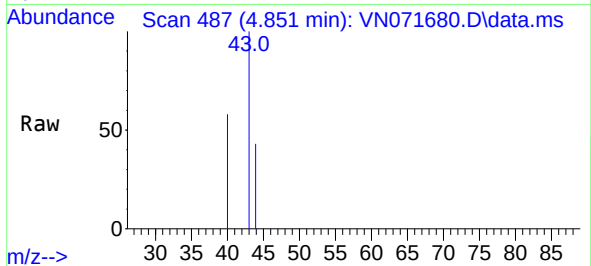




#18
Methyl Acetate
Concen: Below Cal
RT: 4.851 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

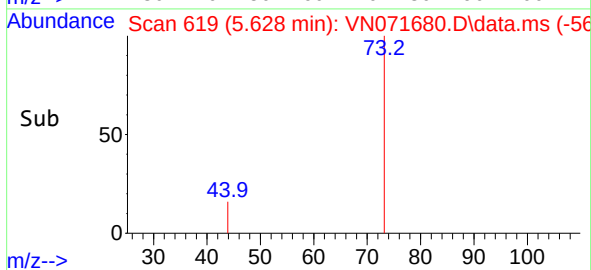
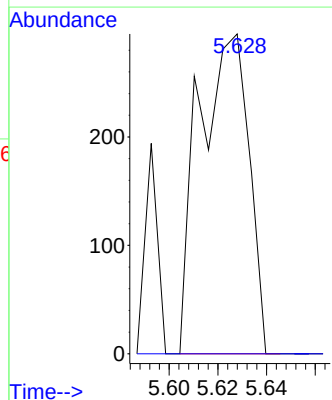
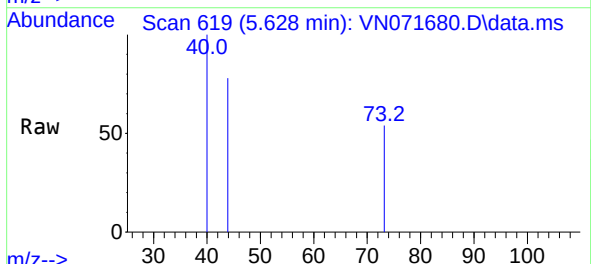
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

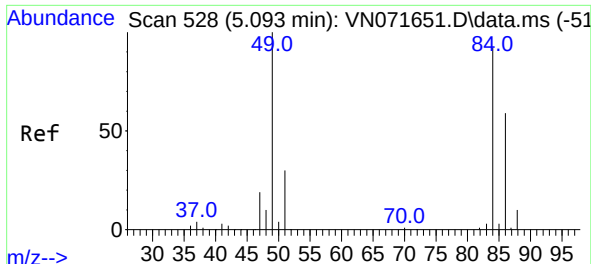
Tgt Ion: 43 Resp: 2982
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#19
Methyl tert-butyl Ether
Concen: 0.022 ug/l
RT: 5.628 min Scan# 619
Delta R.T. 0.018 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 73 Resp: 419
Ion Ratio Lower Upper
73 100
57 0.0 17.6 26.4#

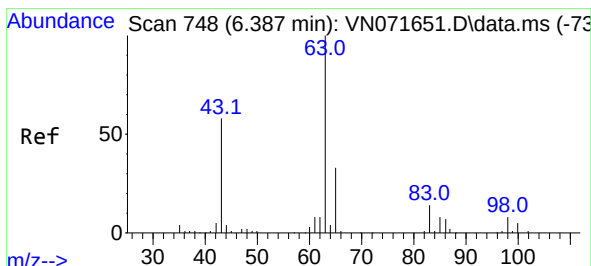
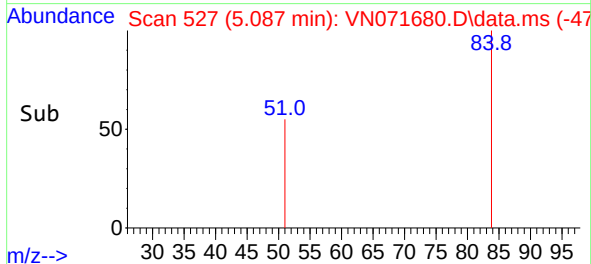
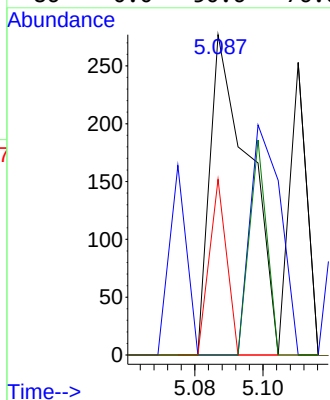
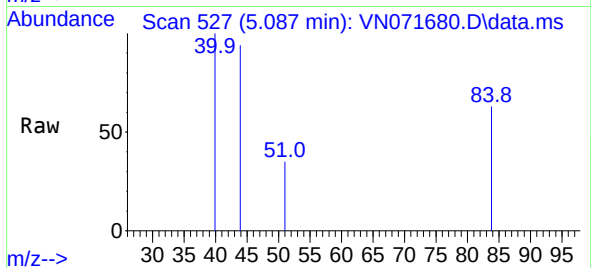




#20
Methylene Chloride
Concen: 0.034 ug/l
RT: 5.087 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

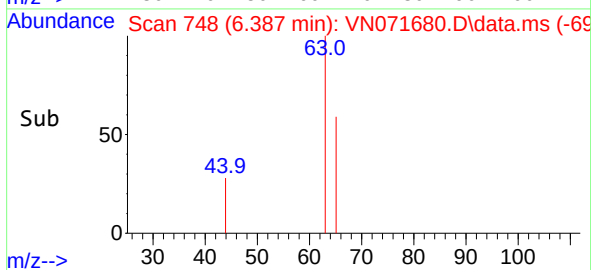
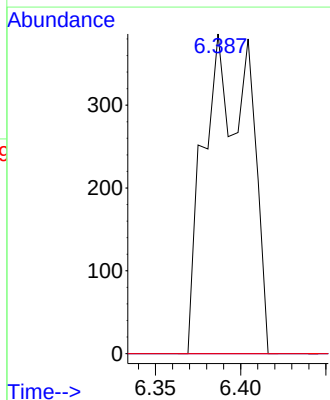
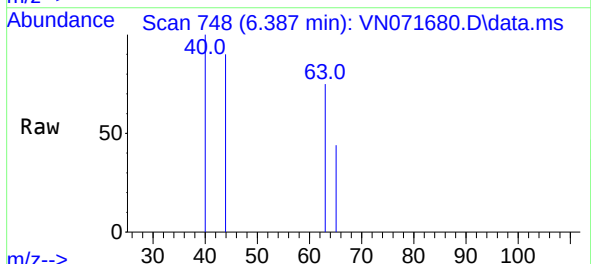
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

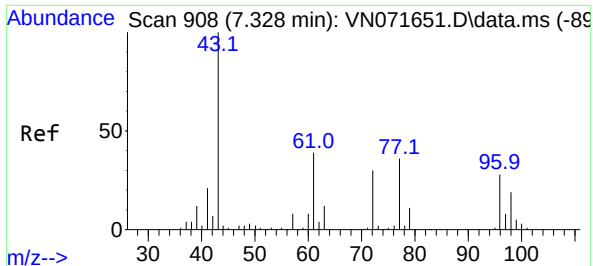
Tgt Ion: 84	Resp: 220
Ion Ratio	Lower Upper
84 100	
49 0.0	88.3 132.5#
51 54.9	28.2 42.2#
86 0.0	50.6 76.0#



#24
1,1-Dichloroethane
Concen: 0.065 ug/l
RT: 6.387 min Scan# 748
Delta R.T. -0.000 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 63	Resp:	707	
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.5	10.4#
100	0.0	2.3	6.8#

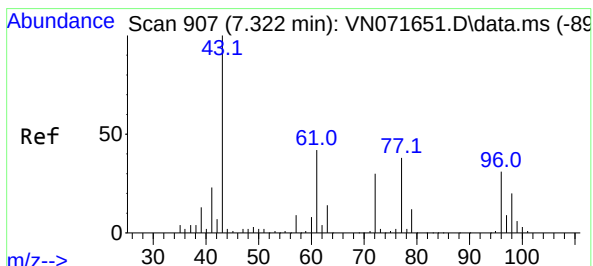
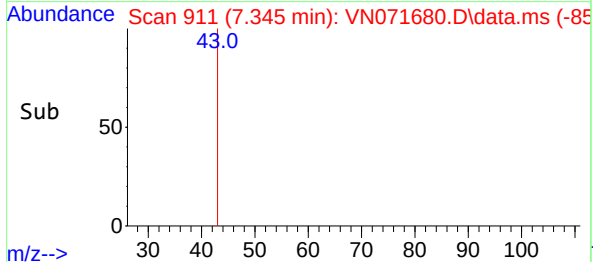
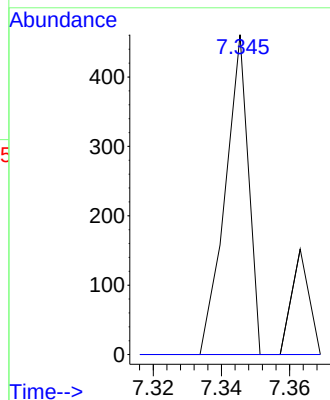
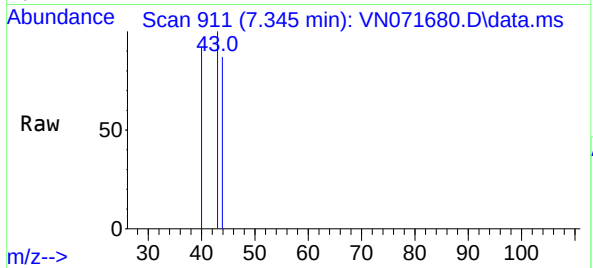




#25
2-Butanone
Concen: 0.049 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

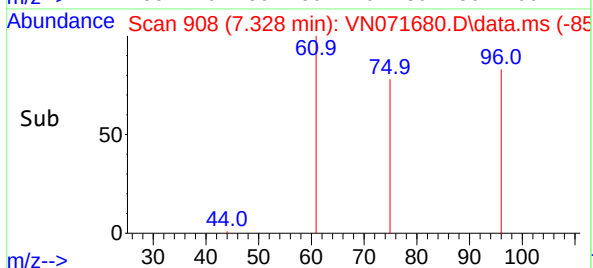
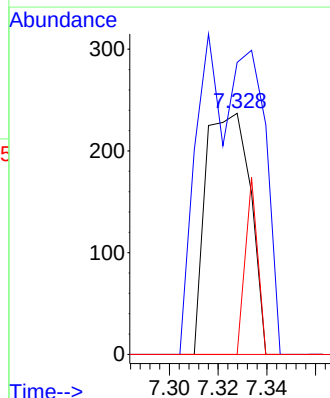
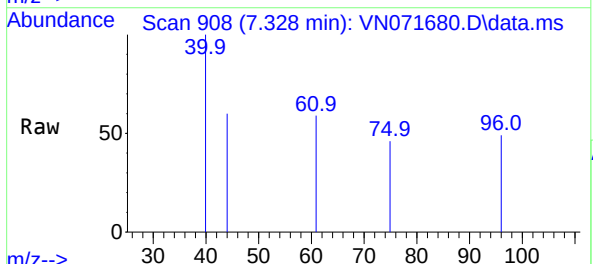
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

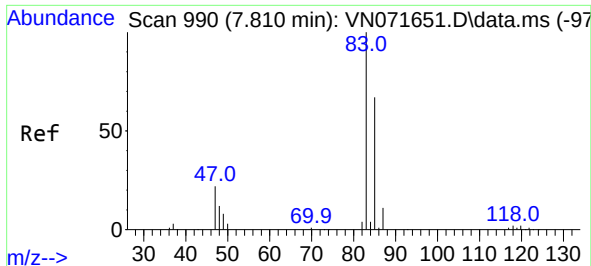
Tgt Ion: 43 Resp: 218
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 0.043 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 96 Resp: 300
Ion Ratio Lower Upper
96 100
61 85.0 0.0 280.6
98 20.3 0.0 128.4

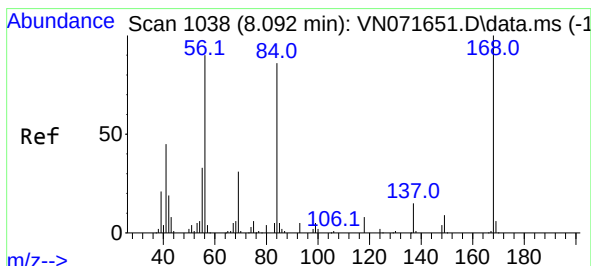
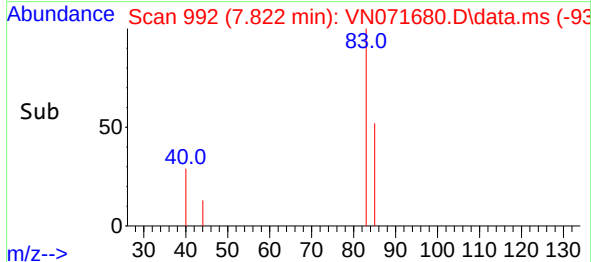
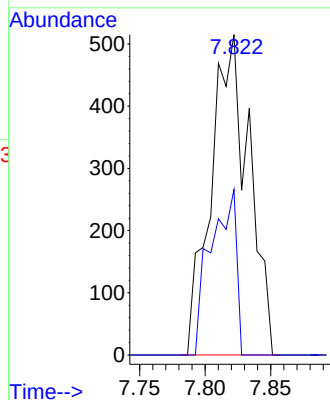
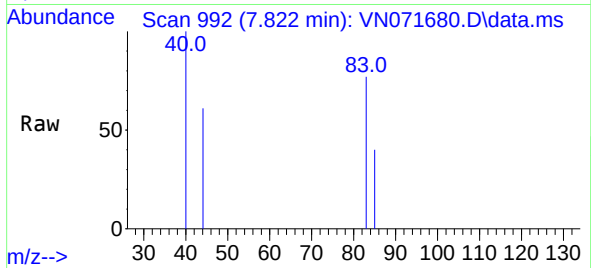




#30
Chloroform
Concen: 0.091 ug/l
RT: 7.822 min Scan# 991
Delta R.T. 0.012 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

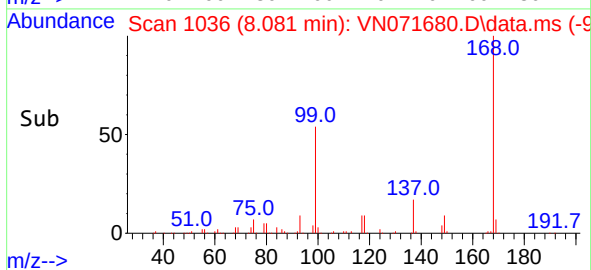
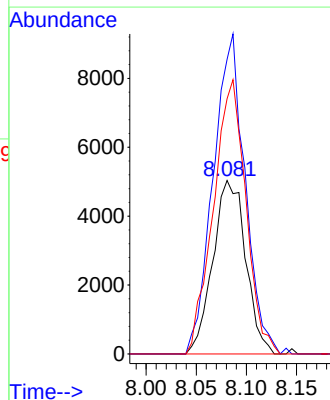
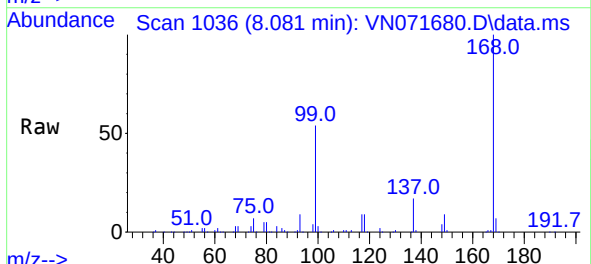
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

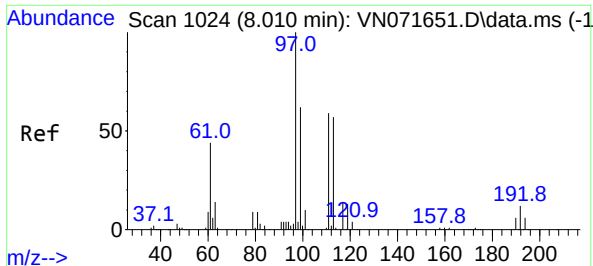
Tgt Ion: 83 Resp: 1043
Ion Ratio Lower Upper
83 100
85 51.7 51.8 77.8#



#31
Cyclohexane
Concen: 1.165 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 56 Resp: 11464
Ion Ratio Lower Upper
56 100
69 169.8 27.8 41.8#
84 147.1 76.9 115.3#

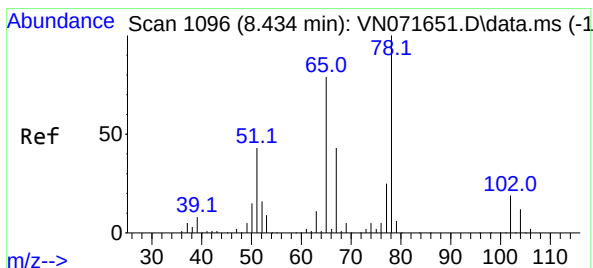
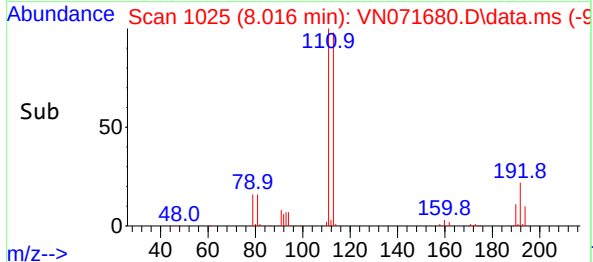
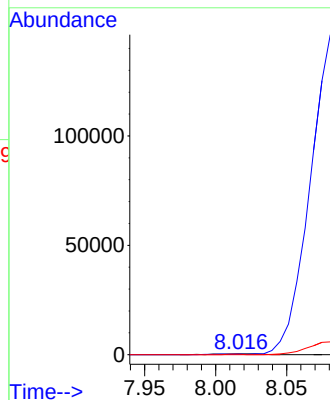
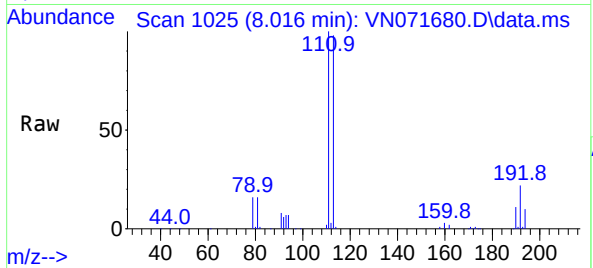




#32
1,1,1-Trichloroethane
Concen: 0.083 ug/l
RT: 8.016 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

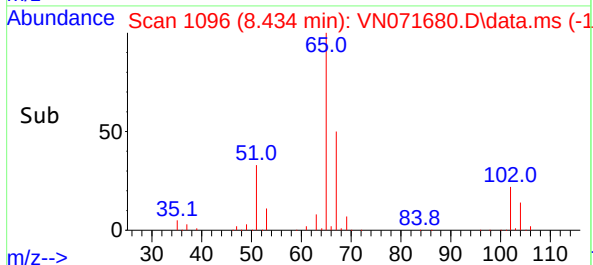
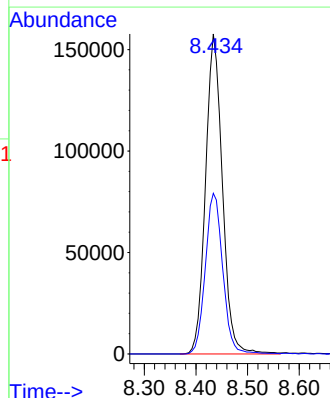
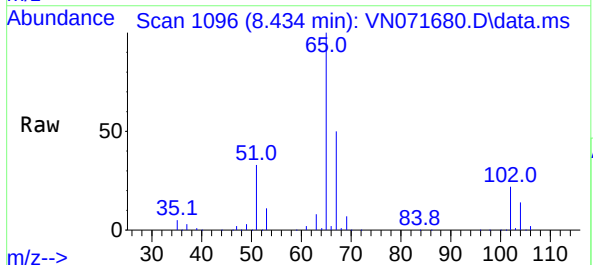
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

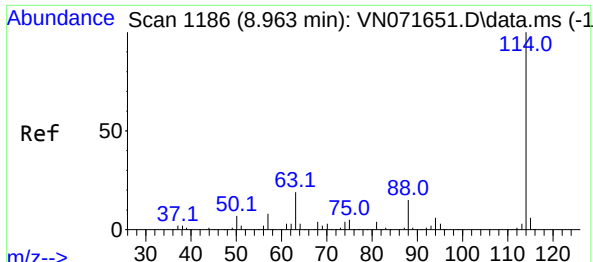
Tgt Ion: 97 Resp: 810
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0#
61 0.0 36.0 54.0#



#33
1,2-Dichloroethane-d4
Concen: 49.371 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 65 Resp: 357318
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

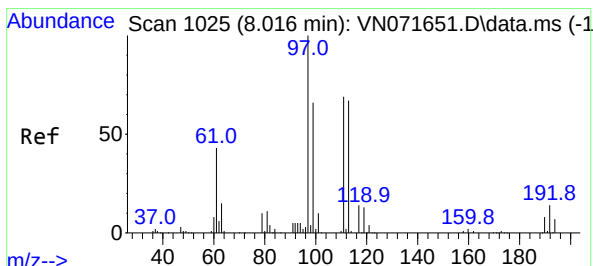
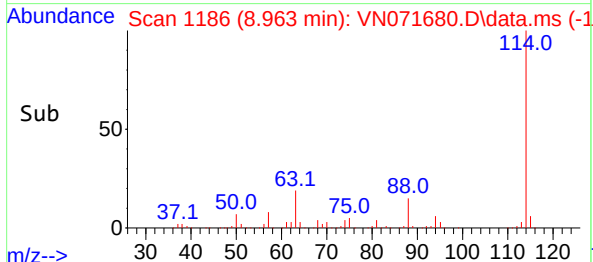
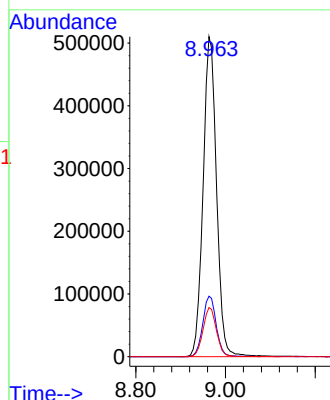
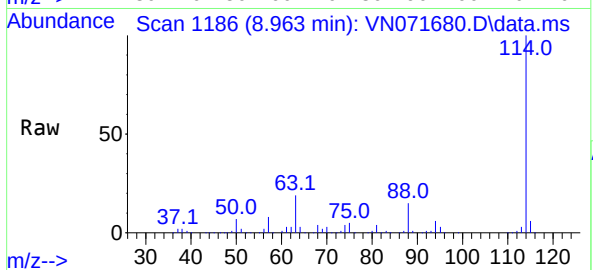




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

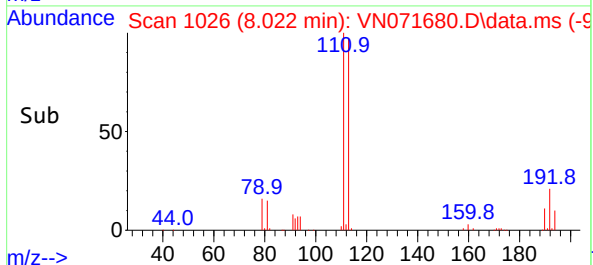
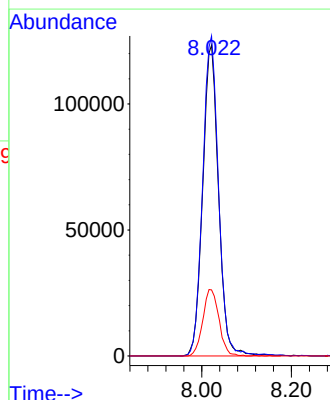
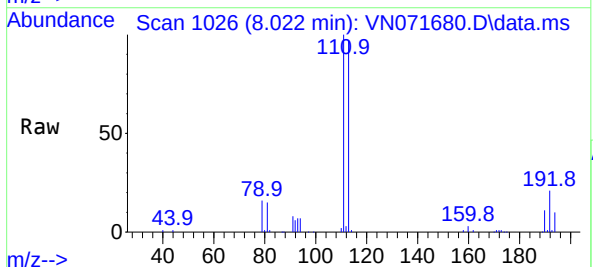
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

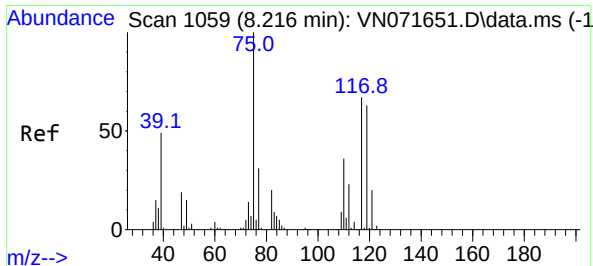
Tgt Ion:114 Resp: 1059725
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 15.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.383 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion:113 Resp: 301710
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 21.8 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.990 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071680.D

Acq: 31 Mar 2022 00:32

Instrument :

MSVOA_N

ClientSampleId :

GM38-RW3-MW1-20220321

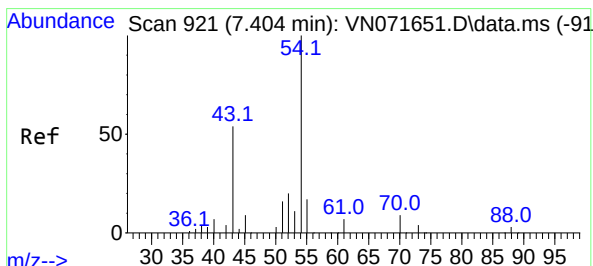
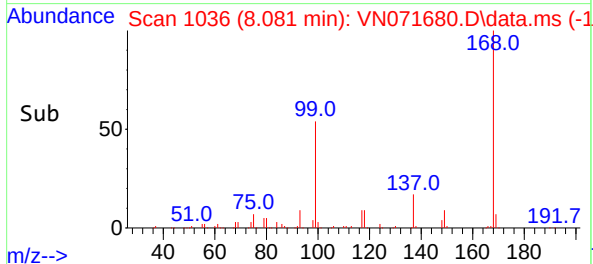
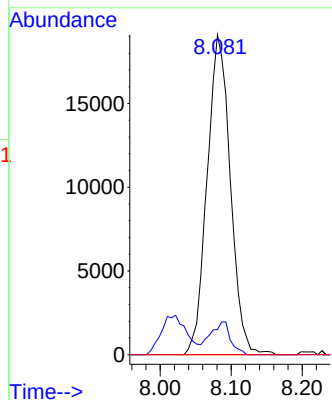
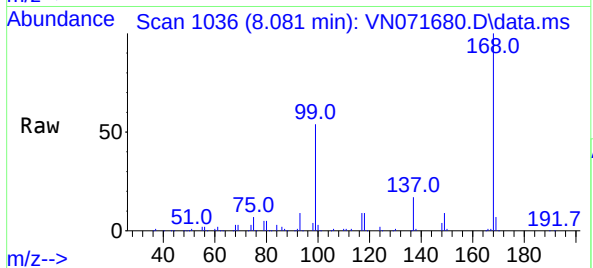
Tgt Ion: 75 Resp: 43453

Ion Ratio Lower Upper

75 100

110 8.8 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 0.006 ug/l

RT: 7.363 min Scan# 914

Delta R.T. -0.041 min

Lab File: VN071680.D

Acq: 31 Mar 2022 00:32

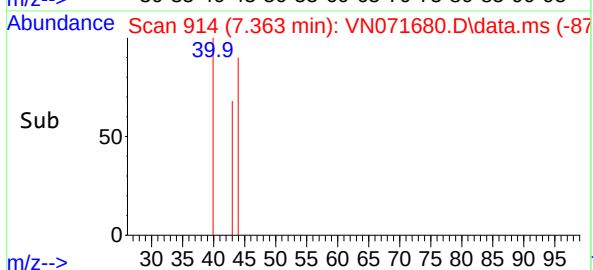
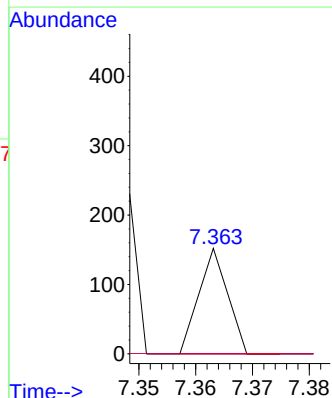
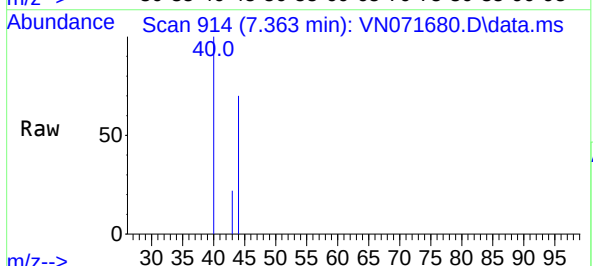
Tgt Ion: 43 Resp: 54

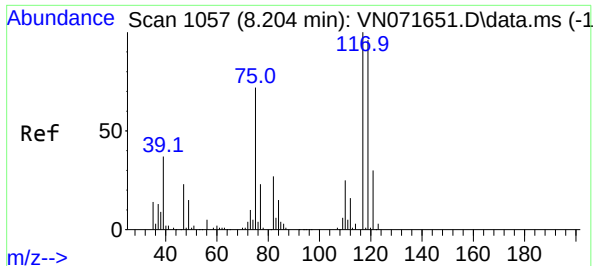
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#

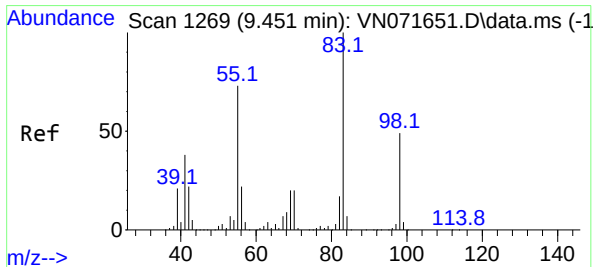
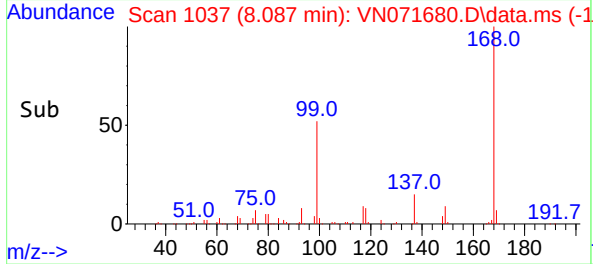
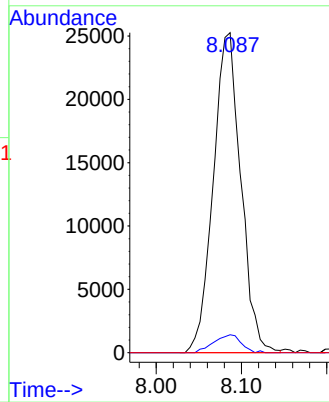
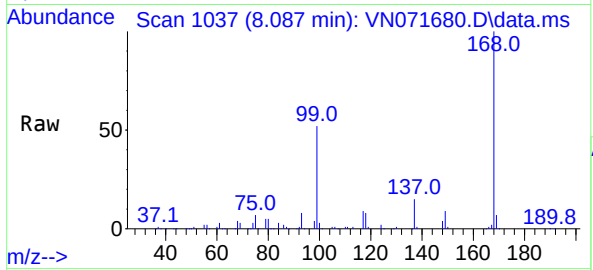




#38
Carbon Tetrachloride
Concen: 6.648 ug/l
RT: 8.087 min Scan# 110
Delta R.T. -0.117 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

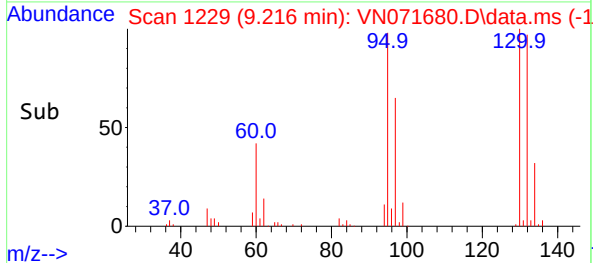
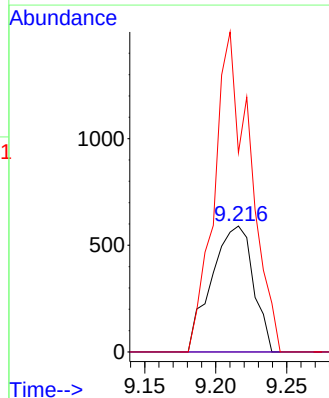
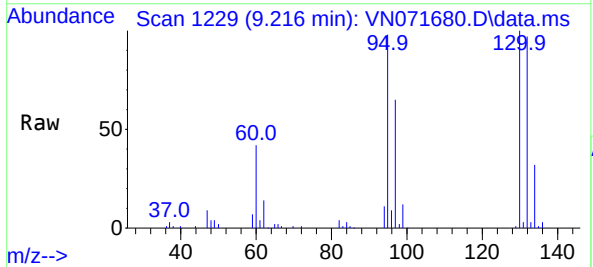
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

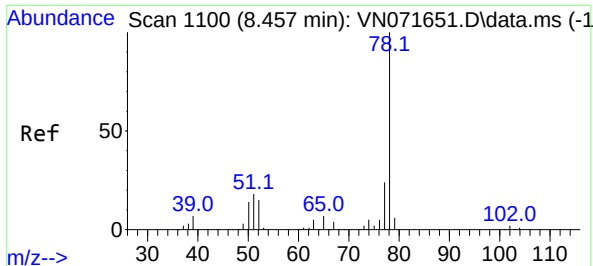
Tgt Ion:117 Resp: 56735
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 0.116 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. -0.235 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 83 Resp: 1205
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 158.3 39.4 59.2#

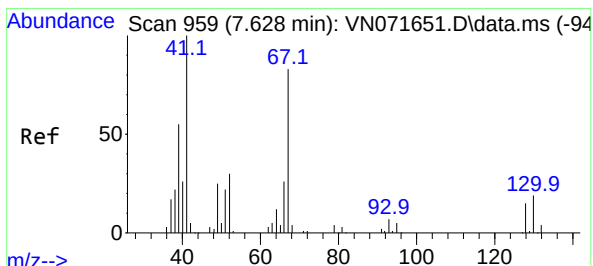
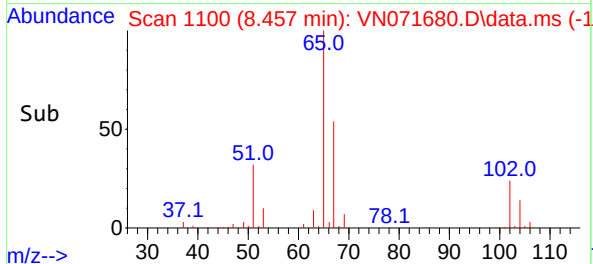
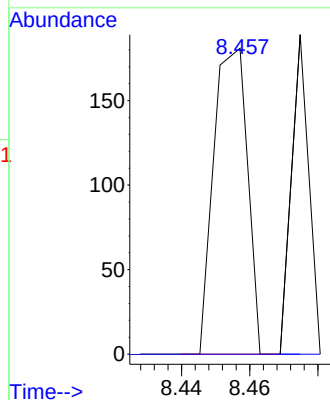
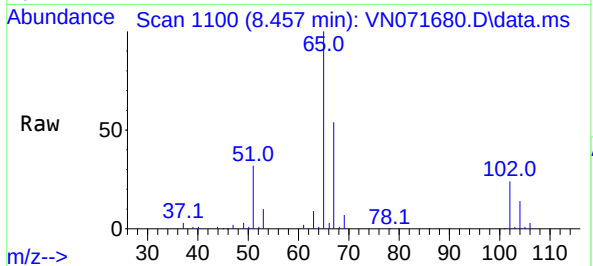




#40
Benzene
Concen: 0.005 ug/l
RT: 8.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

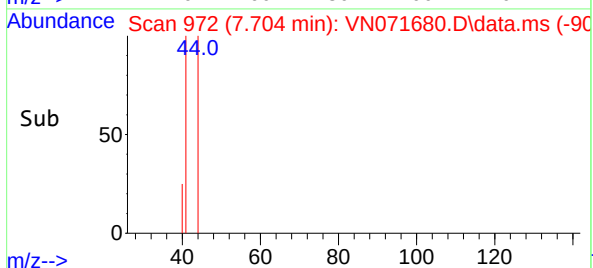
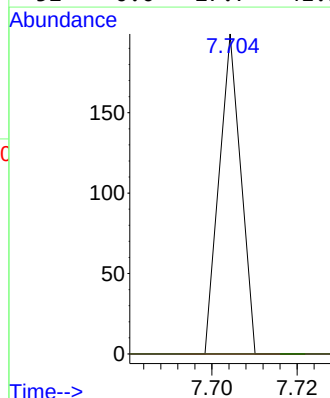
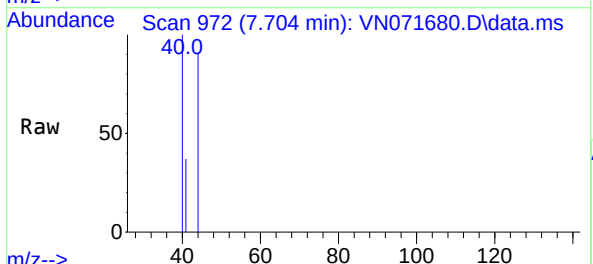
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

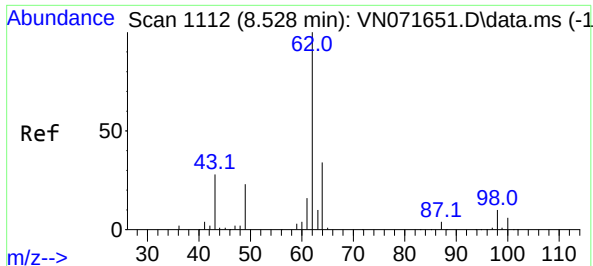
Tgt Ion: 78 Resp: 124
Ion Ratio Lower Upper
78 100
77 0.0 19.4 29.0#



#41
Methacrylonitrile
Concen: 0.015 ug/l
RT: 7.704 min Scan# 972
Delta R.T. 0.076 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 41 Resp: 70
Ion Ratio Lower Upper
41 100
39 0.0 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#

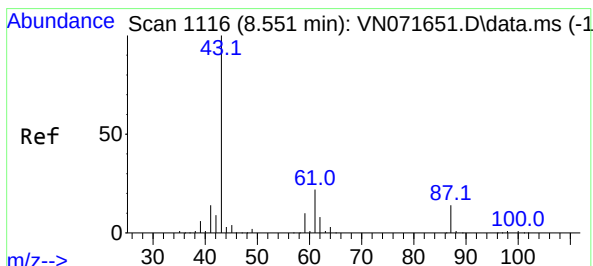
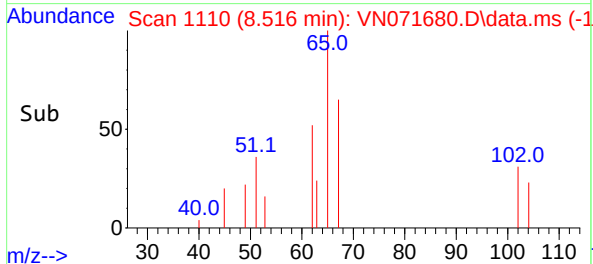
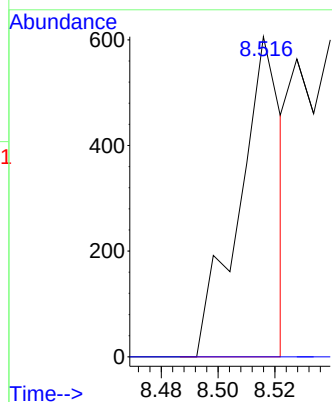
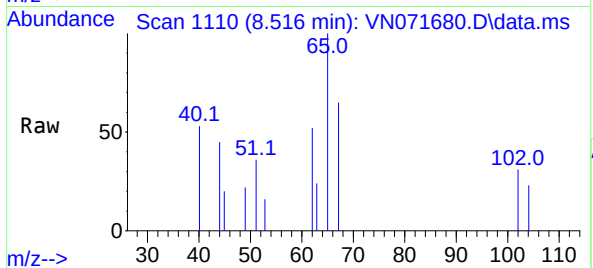




#42
1,2-Dichloroethane
Concen: 0.066 ug/l
RT: 8.516 min Scan# 1112
Delta R.T. -0.012 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

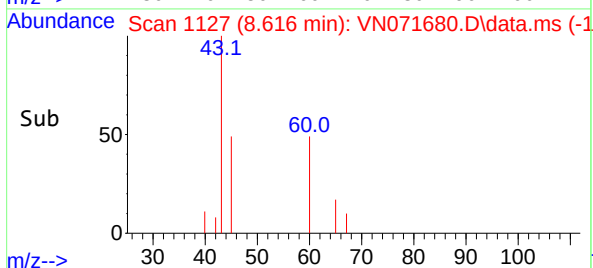
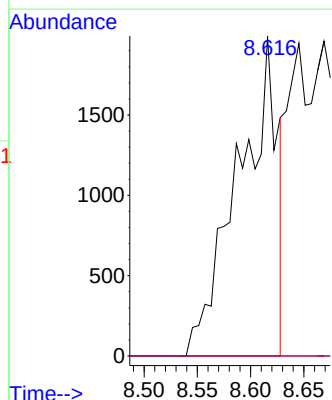
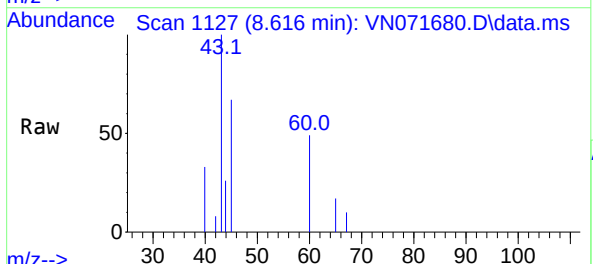
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

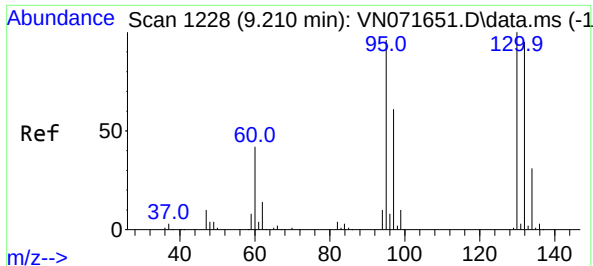
Tgt Ion: 62 Resp: 629
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4



#43
Isopropyl Acetate
Concen: 0.322 ug/l
RT: 8.616 min Scan# 1127
Delta R.T. 0.065 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 43 Resp: 5098
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

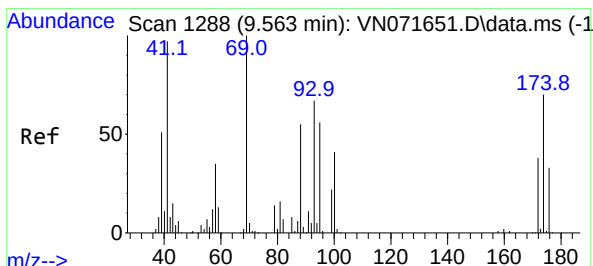
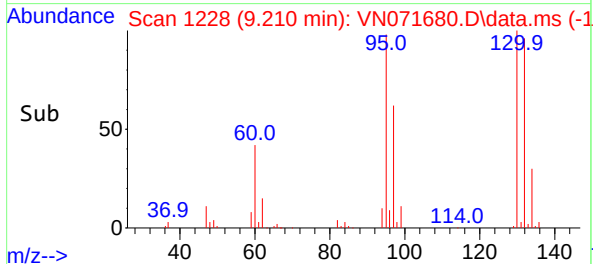
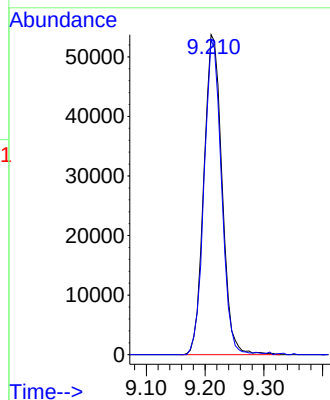
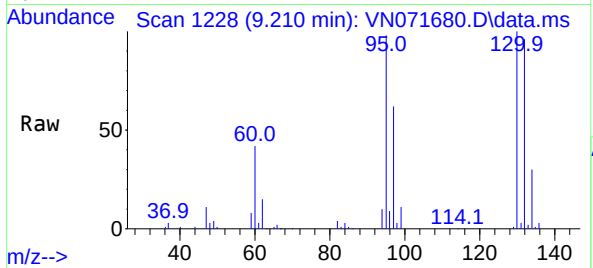




#44
Trichloroethene
Concen: 16.231 ug/l
RT: 9.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

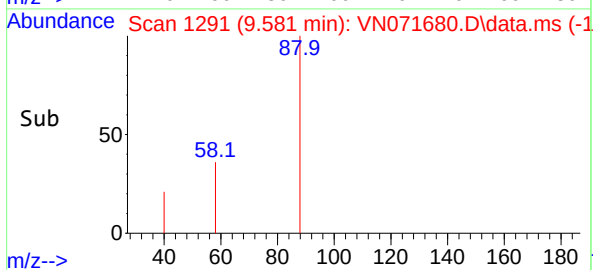
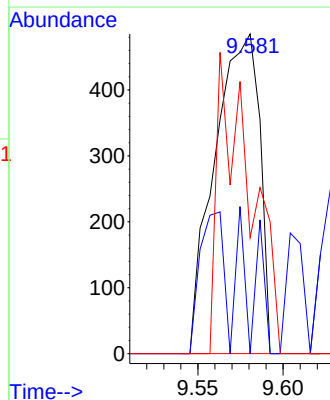
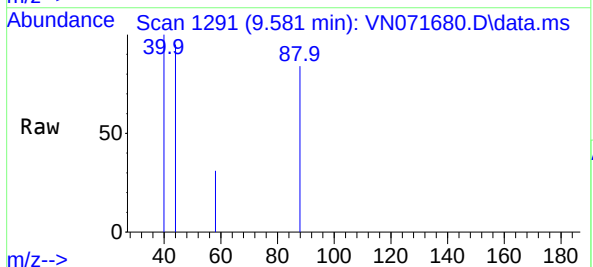
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

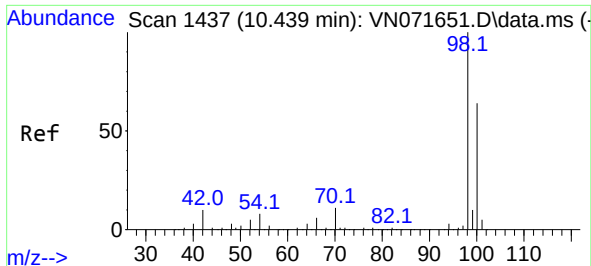
Tgt Ion:130 Resp: 115029
Ion Ratio Lower Upper
130 100
95 98.4 0.0 186.8



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.581 min Scan# 1291
Delta R.T. 0.018 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 88 Resp: 891
Ion Ratio Lower Upper
88 100
43 16.8 20.2 30.4#
58 0.0 54.2 81.4#

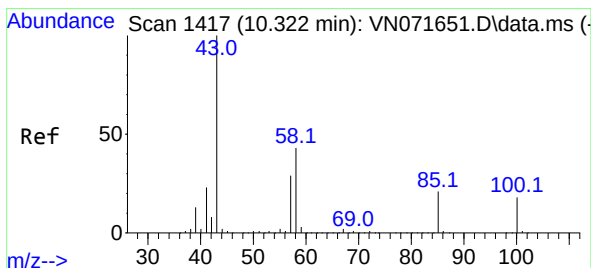
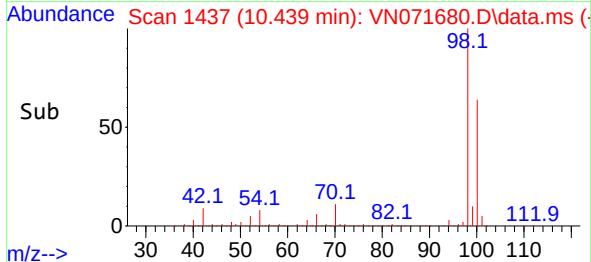
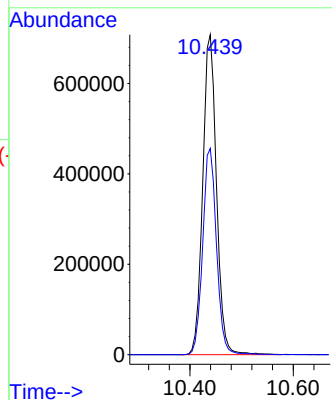
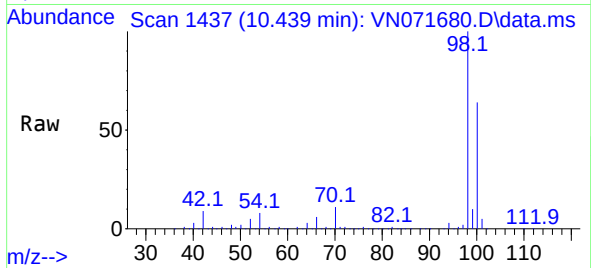




#50
Toluene-d8
Concen: 51.236 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

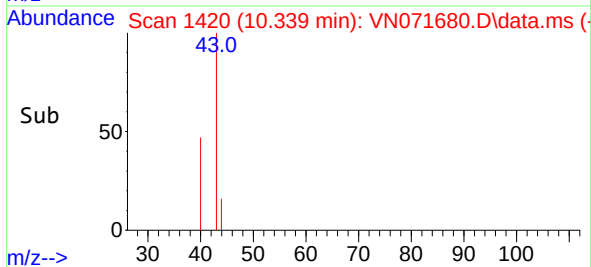
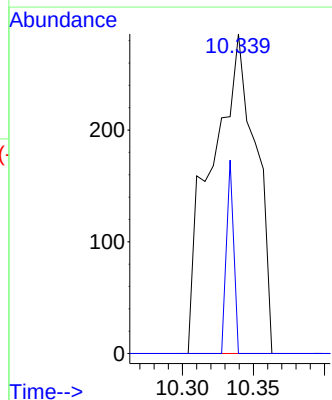
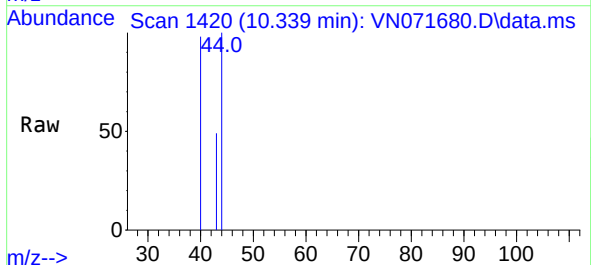
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

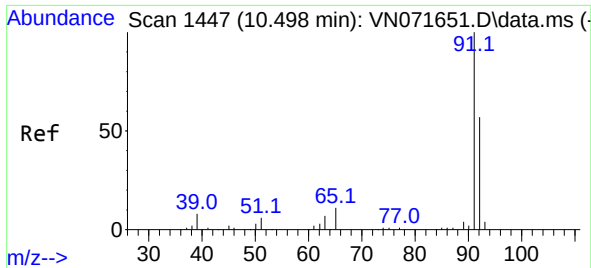
Tgt Ion: 98 Resp: 1307004
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.068 ug/l
RT: 10.339 min Scan# 1420
Delta R.T. 0.017 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 43 Resp: 618
Ion Ratio Lower Upper
43 100
58 0.0 34.1 51.1#

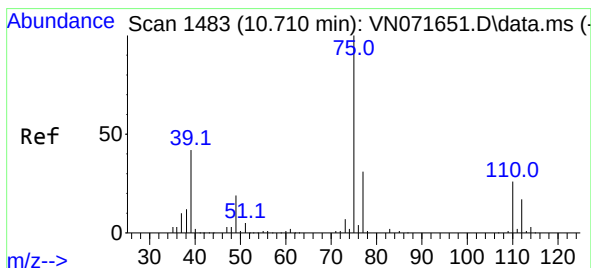
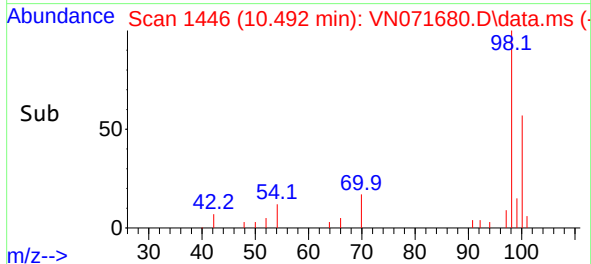
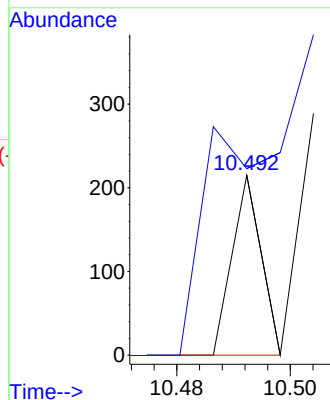
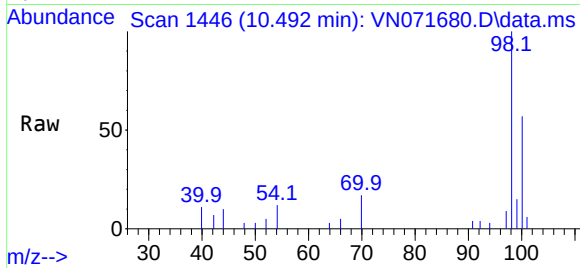




#52
Toluene
Concen: 0.004 ug/l
RT: 10.492 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

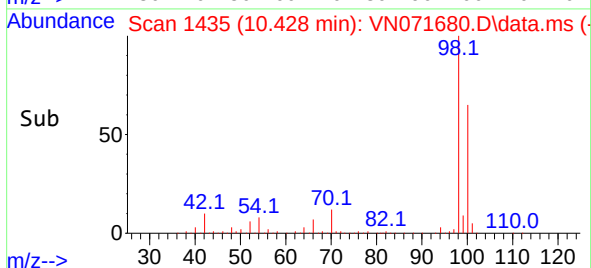
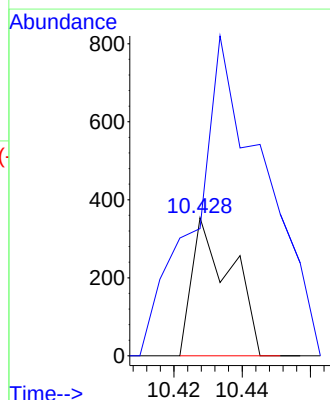
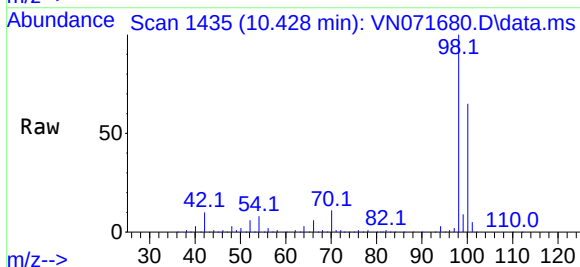
Instrument : MSVOA_N
ClientSampleId : GM38-RW3-MW1-20220321

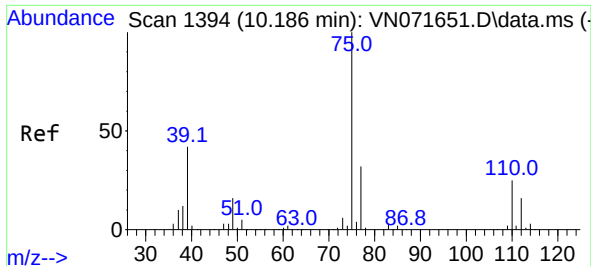
Tgt Ion: 92 Resp: 76
Ion Ratio Lower Upper
92 100
91 646.1 138.6 207.8#



#53
t-1,3-Dichloropropene
Concen: 0.029 ug/l
RT: 10.428 min Scan# 1435
Delta R.T. -0.282 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 75 Resp: 282
Ion Ratio Lower Upper
75 100
77 6.8 25.6 38.4#

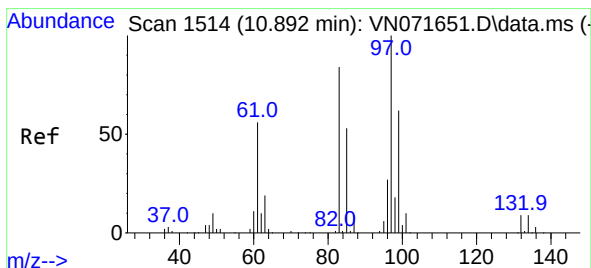
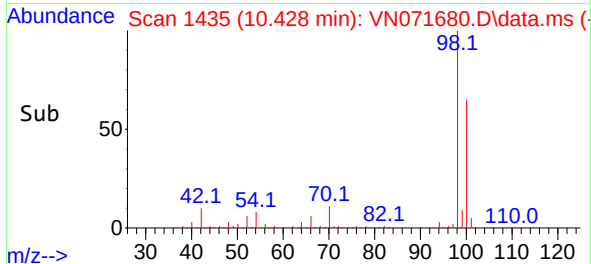
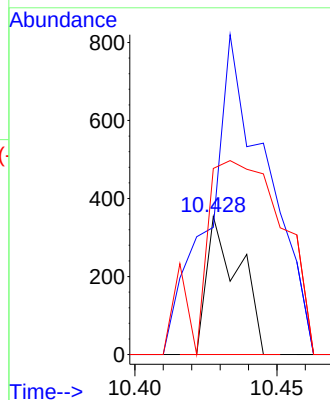
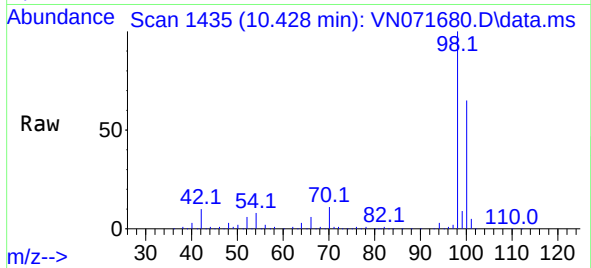




#54
cis-1,3-Dichloropropene
Concen: 0.027 ug/l
RT: 10.428 min Scan# 1435
Delta R.T. 0.242 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

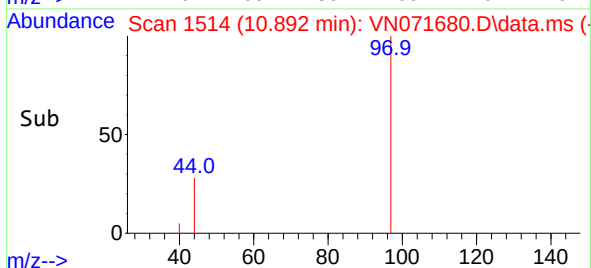
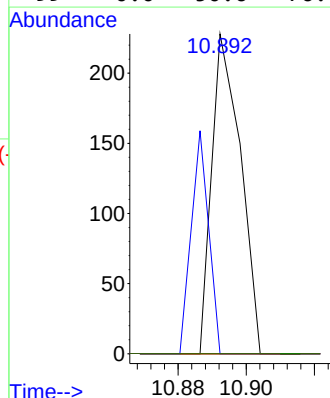
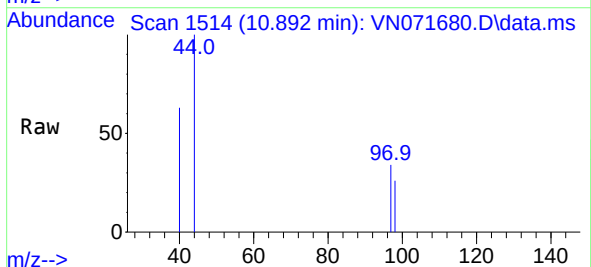
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

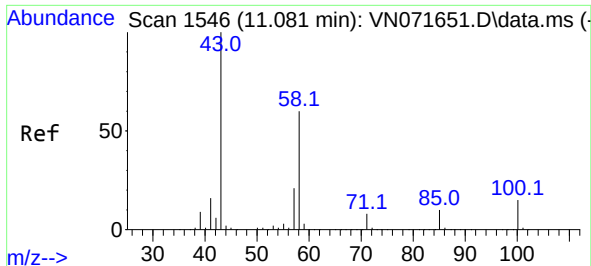
Tgt Ion: 75 Resp: 282
Ion Ratio Lower Upper
75 100
77 36.7 25.2 37.8
39 68.9 35.7 53.5#



#55
1,1,2-Trichloroethane
Concen: 0.019 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 97 Resp: 133
Ion Ratio Lower Upper
97 100
83 0.0 66.2 99.4#
85 0.0 43.9 65.9#
99 0.0 50.6 76.0#

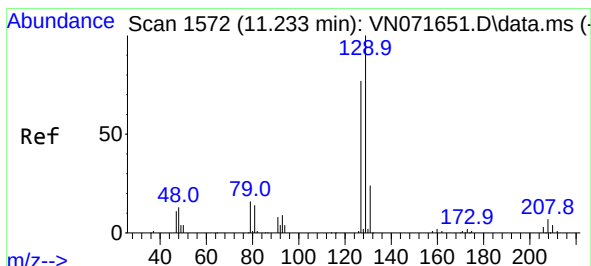
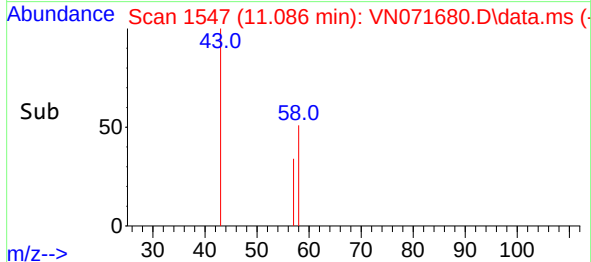
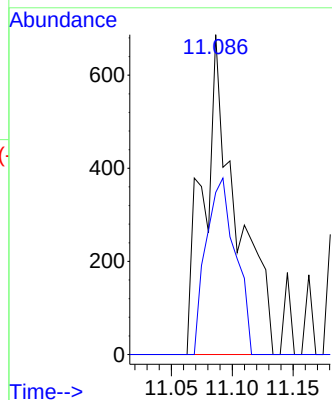
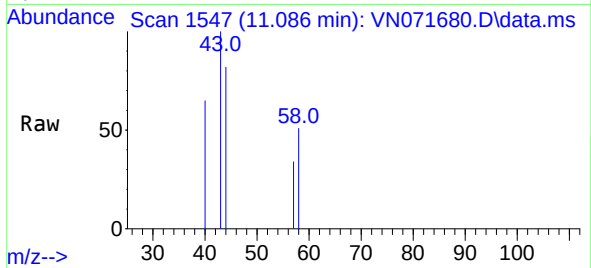




#59
2-Hexanone
Concen: 0.200 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

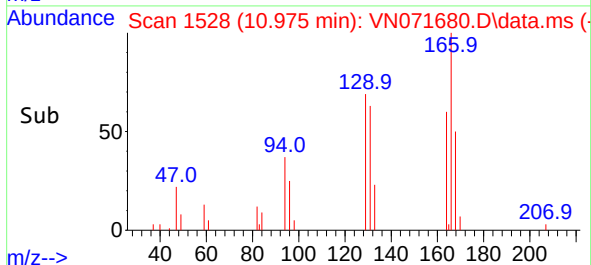
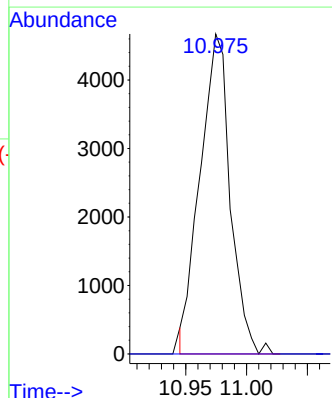
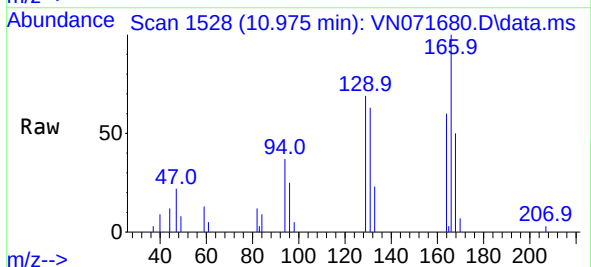
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

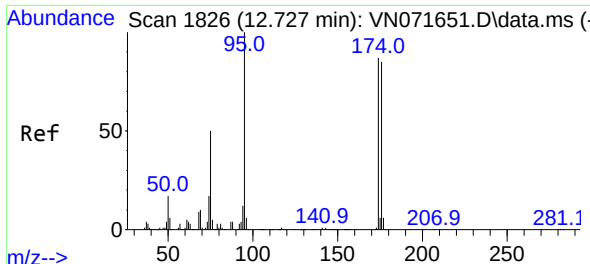
Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
58 49.6 29.7 89.1



#60
Dibromochloromethane
Concen: 1.153 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.258 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 129 Resp: 8043
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

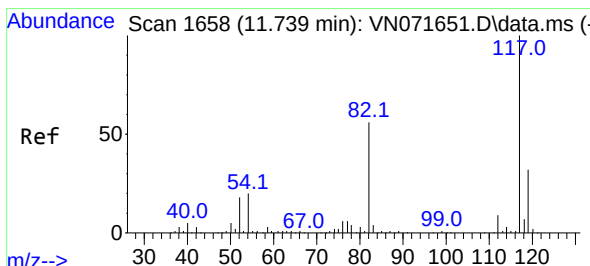
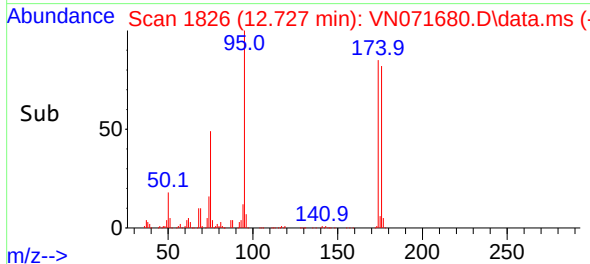
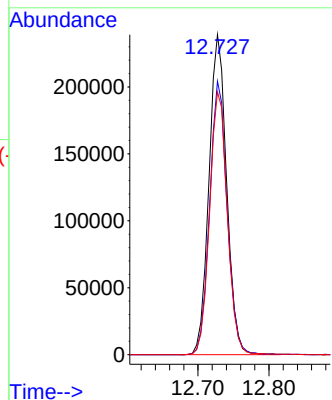
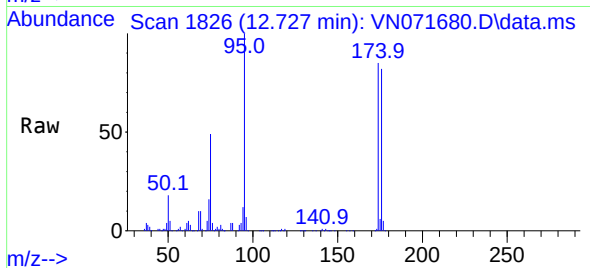




#62
4-Bromofluorobenzene
Concen: 49.982 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

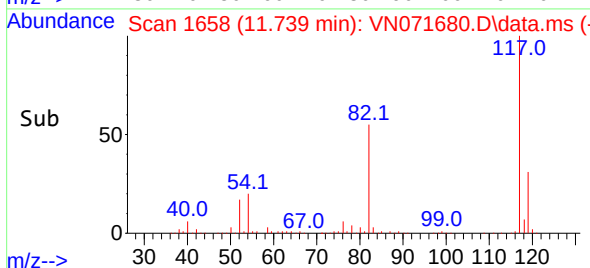
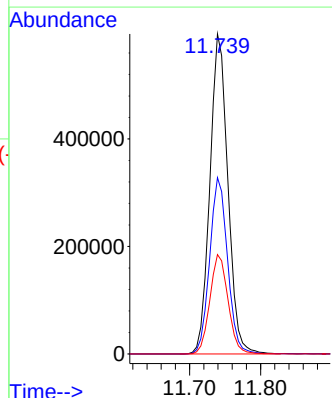
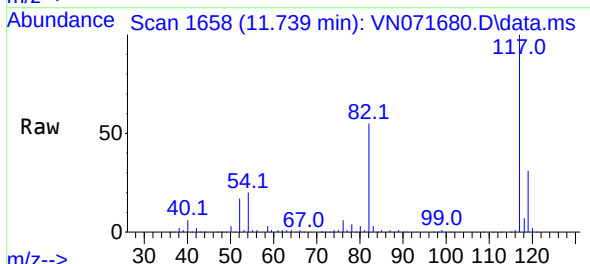
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

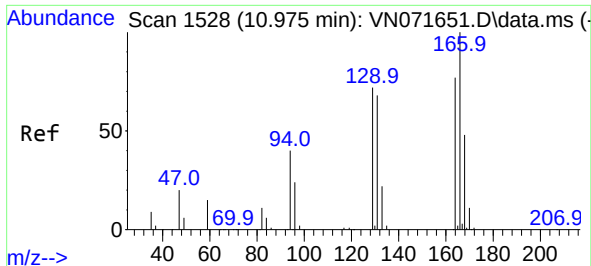
Tgt Ion: 95 Resp: 412358
Ion Ratio Lower Upper
95 100
174 85.1 0.0 167.6
176 82.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 117 Resp: 1046919
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 31.1 25.4 38.0

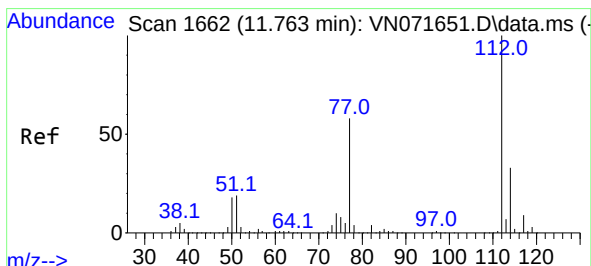
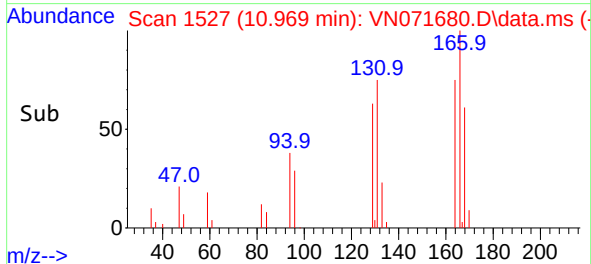
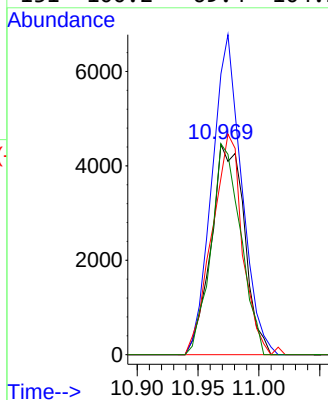
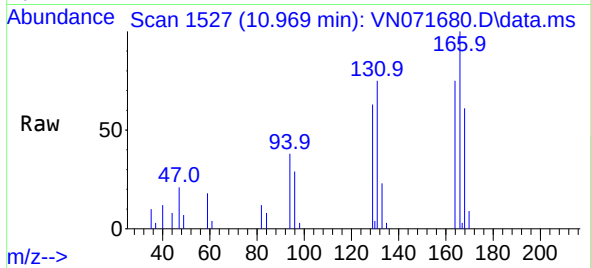




#64
Tetrachloroethene
Concen: 1.222 ug/l
RT: 10.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

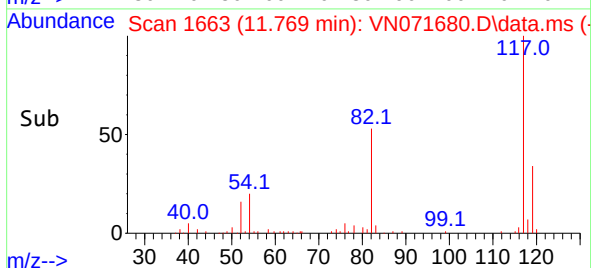
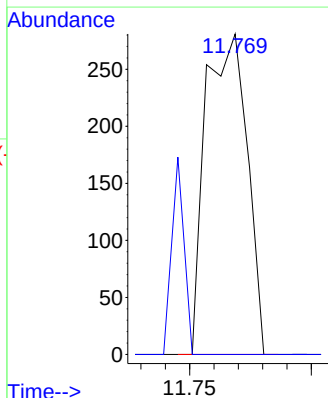
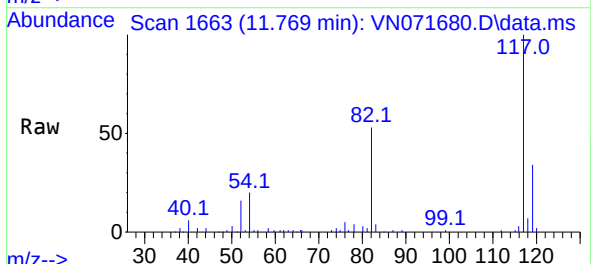
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

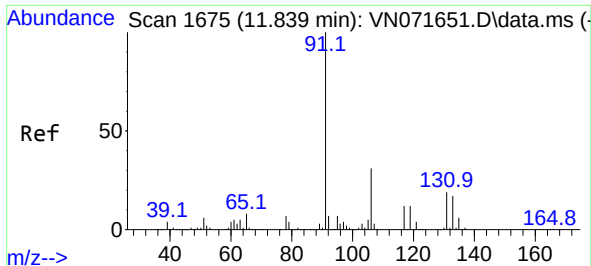
Tgt Ion:164 Resp: 8447
Ion Ratio Lower Upper
164 100
166 133.5 104.2 156.2
129 83.9 73.9 110.9
131 100.2 69.4 104.2



#65
Chlorobenzene
Concen: 0.016 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion:112 Resp: 333
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.2#

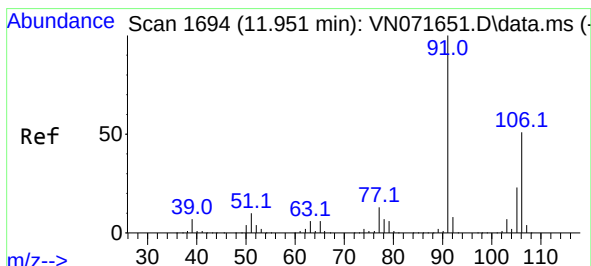
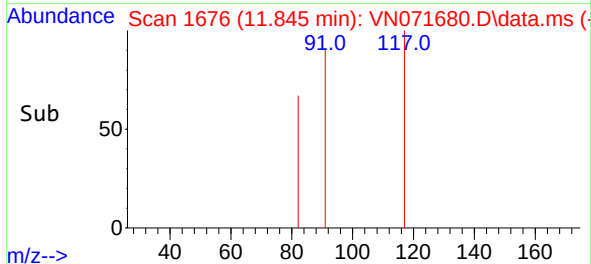
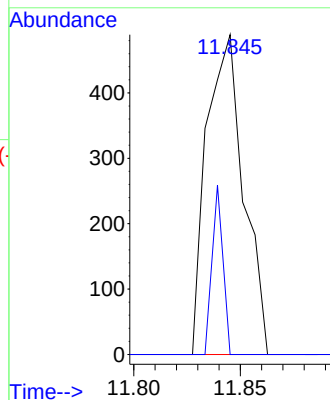
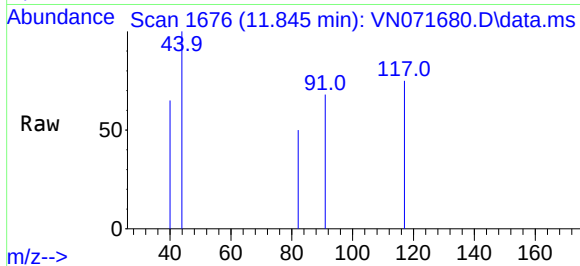




#67
Ethyl Benzene
Concen: 0.017 ug/l
RT: 11.845 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

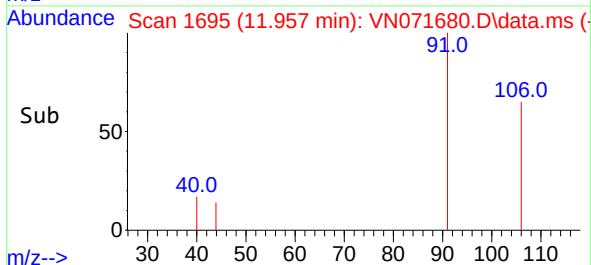
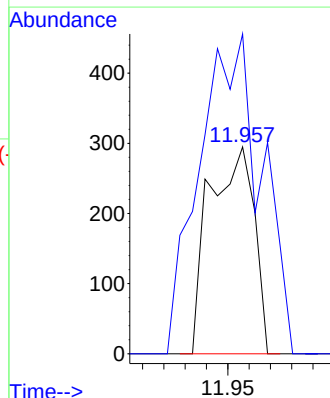
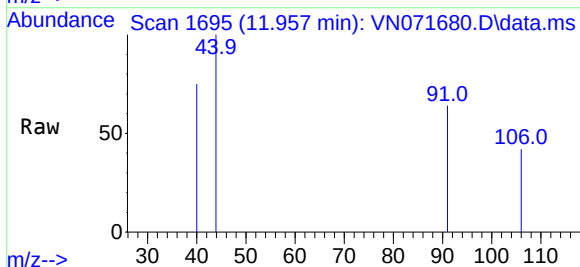
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

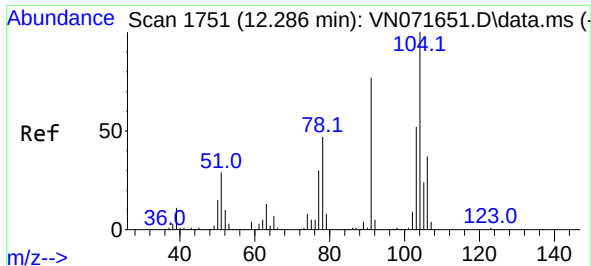
Tgt Ion: 91 Resp: 590
Ion Ratio Lower Upper
91 100
106 0.0 24.9 37.3#



#68
m/p-Xylenes
Concen: 0.031 ug/l
RT: 11.957 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 106 Resp: 428
Ion Ratio Lower Upper
106 100
91 215.0 158.9 238.3

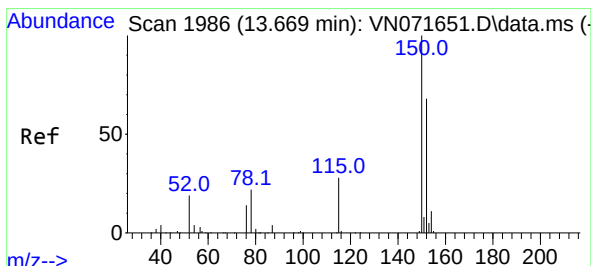
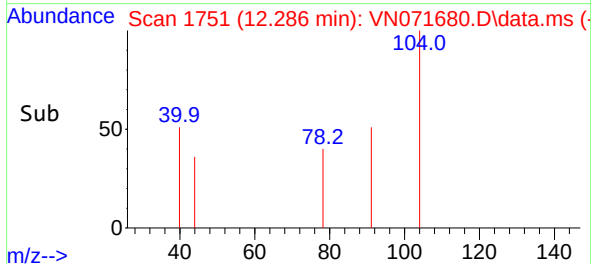
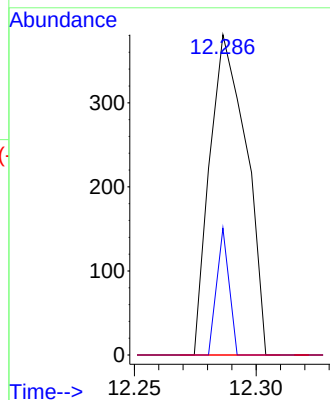
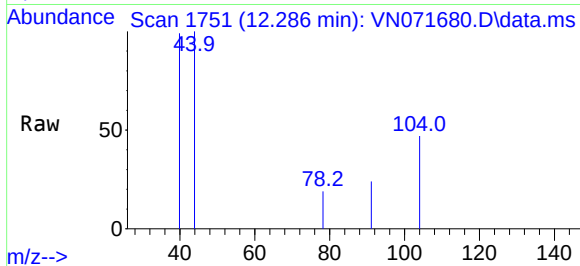




#70
Styrene
Concen: 0.019 ug/l
RT: 12.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

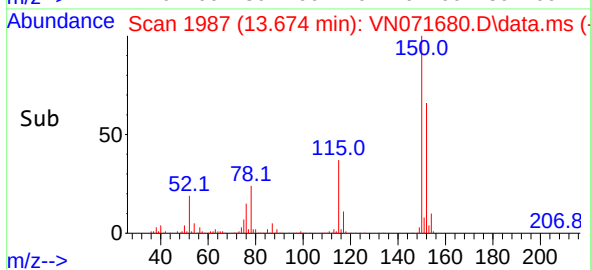
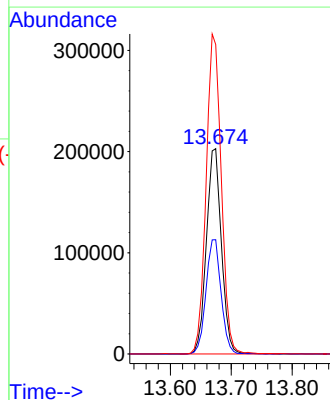
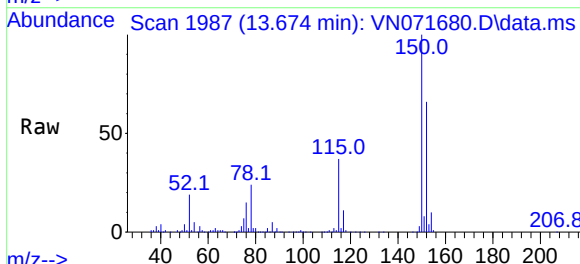
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

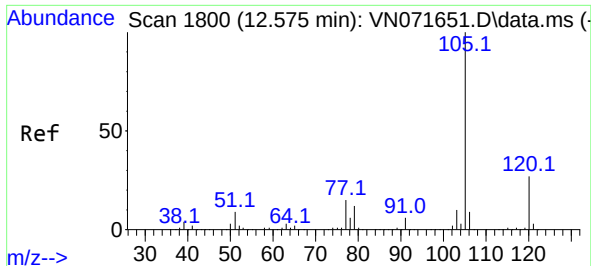
Tgt Ion:104 Resp: 397
Ion Ratio Lower Upper
104 100
78 13.4 39.5 59.3#
103 0.0 44.0 66.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion:152 Resp: 348376
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.7
150 157.0 0.0 356.2

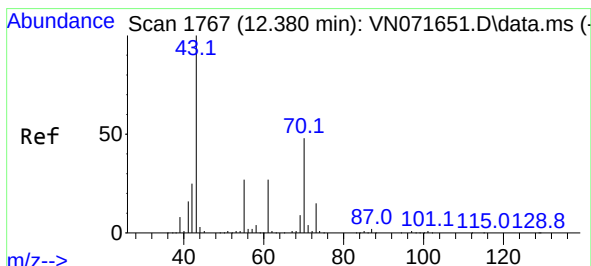
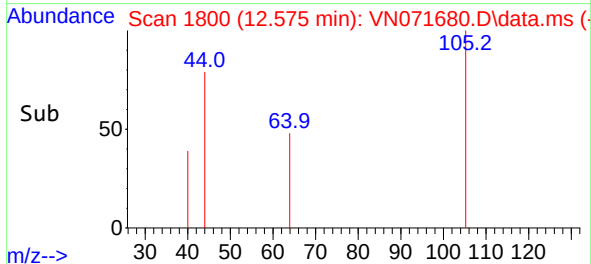
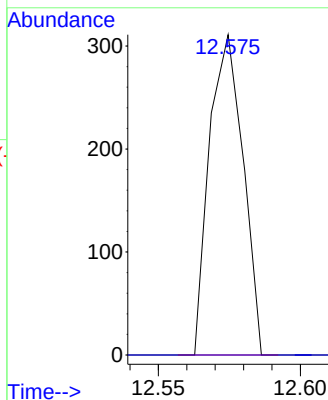
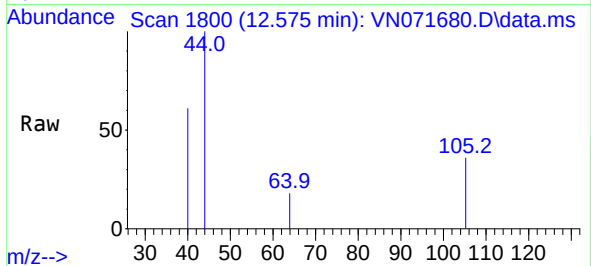




#73
Isopropylbenzene
Concen: 0.009 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

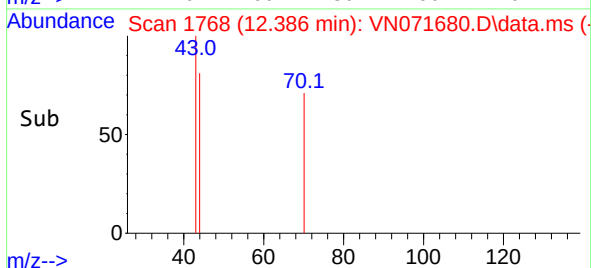
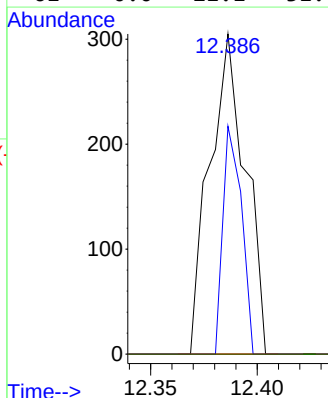
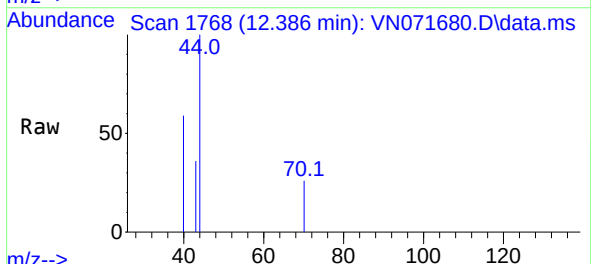
Instrument : MSVOA_N
ClientSampleId : GM38-RW3-MW1-20220321

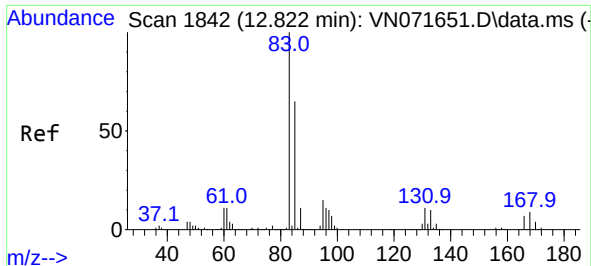
Tgt Ion:105 Resp: 256
Ion Ratio Lower Upper
105 100
120 0.0 13.5 40.4#



#74
N-ethyl acetate
Concen: 0.042 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 43 Resp: 356
Ion Ratio Lower Upper
43 100
70 36.8 39.0 58.4#
55 0.0 21.1 31.7#
61 0.0 21.1 31.7#

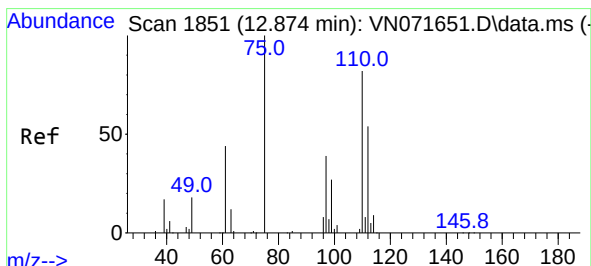
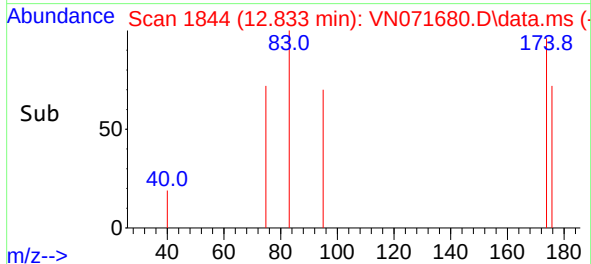
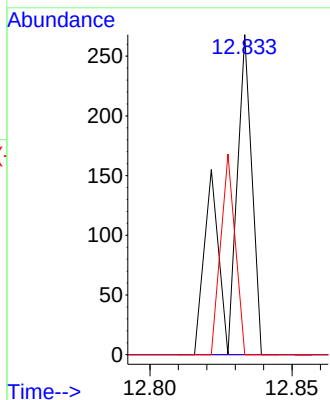
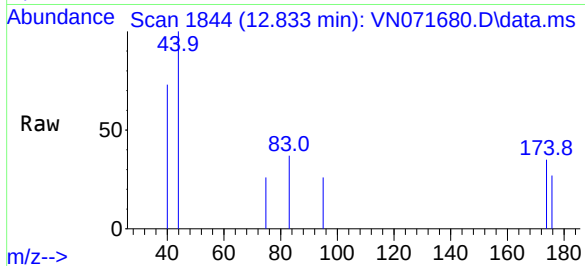




#75
1,1,2,2-Tetrachloroethane
Concen: 0.015 ug/l
RT: 12.833 min Scan# 1844
Delta R.T. 0.011 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

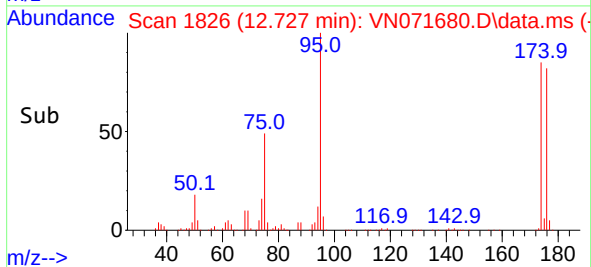
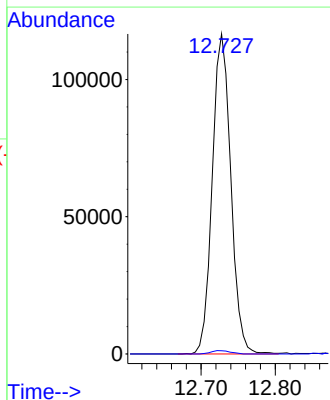
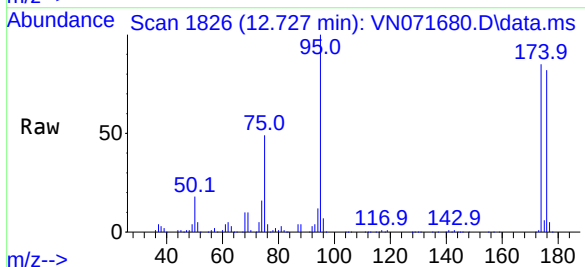
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

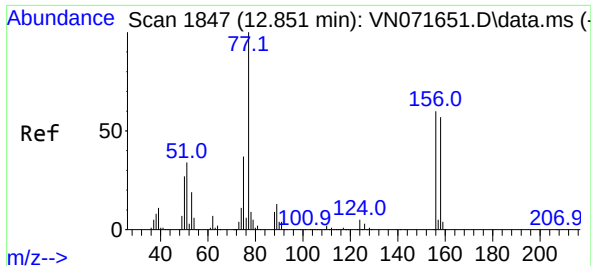
Tgt Ion: 83 Resp: 149
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 39.6 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 25.103 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 75 Resp: 202593
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#

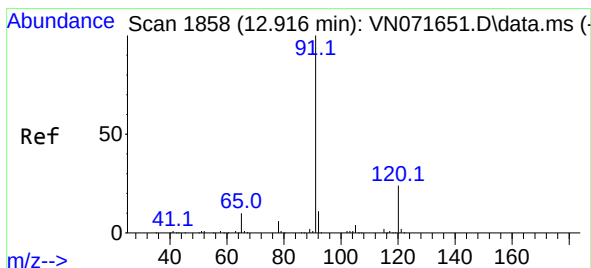
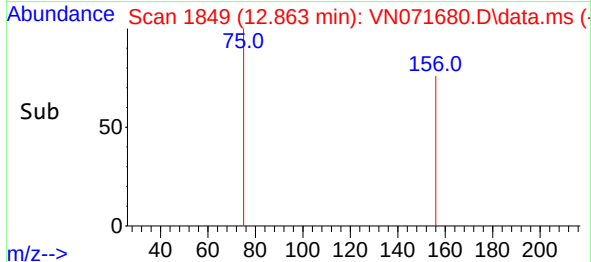
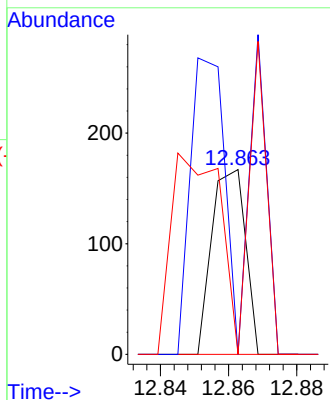
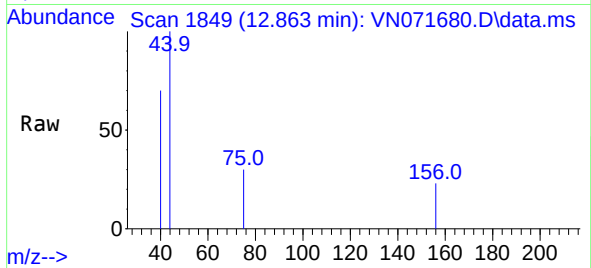




#77
Bromobenzene
Concen: 0.015 ug/l
RT: 12.863 min Scan# 1849
Delta R.T. 0.012 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

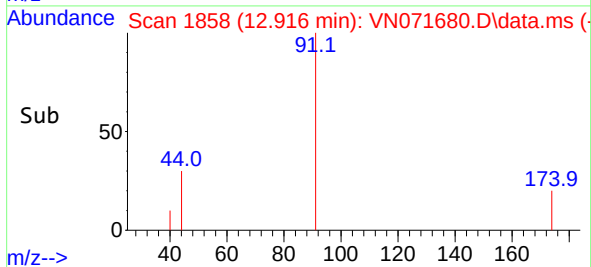
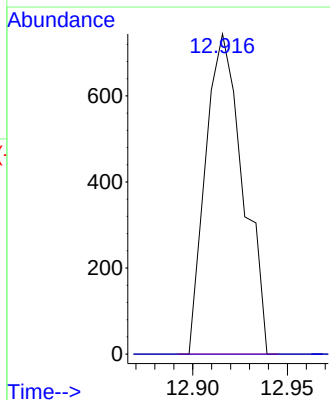
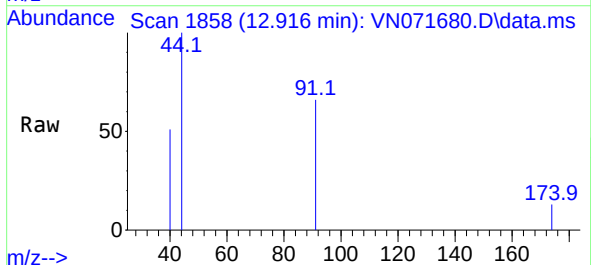
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

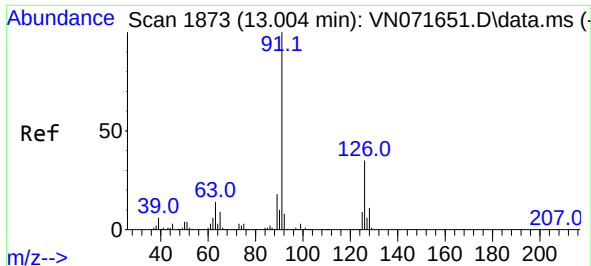
Tgt Ion:156 Resp: 114
Ion Ratio Lower Upper
156 100
77 252.6 100.5 301.5
158 0.0 48.9 146.6#



#78
n-propylbenzene
Concen: 0.033 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 91 Resp: 1020
Ion Ratio Lower Upper
91 100
120 0.0 11.9 35.5#

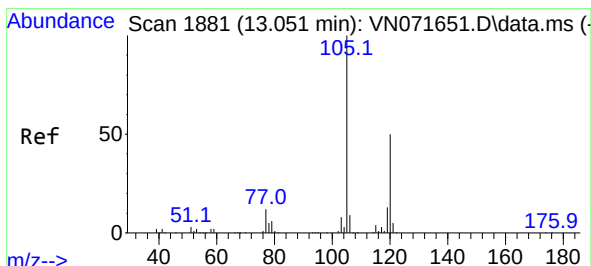
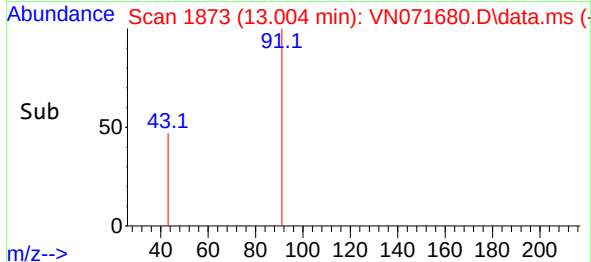
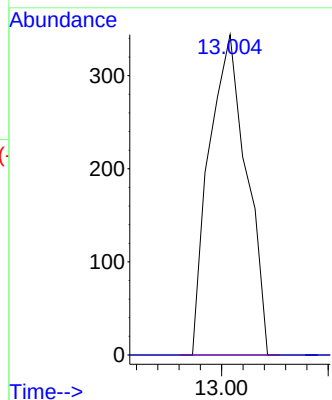
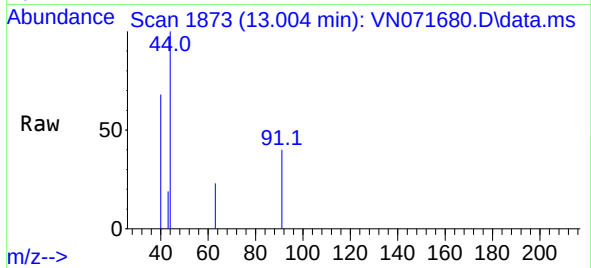




#79
2-Chlorotoluene
Concen: 0.021 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

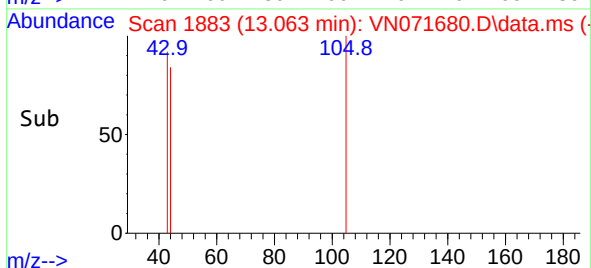
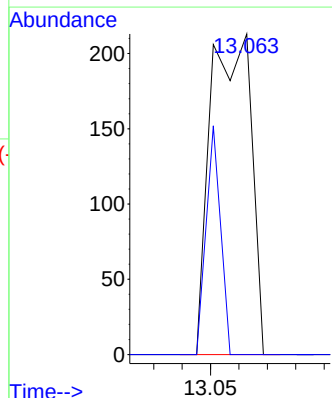
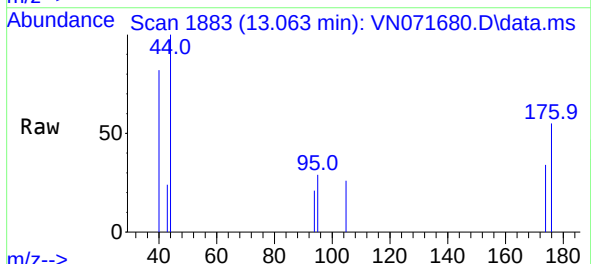
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

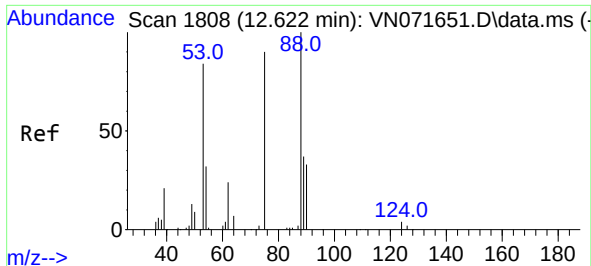
Tgt Ion: 91 Resp: 419
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 0.009 ug/l
RT: 13.063 min Scan# 1883
Delta R.T. 0.012 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 105 Resp: 212
Ion Ratio Lower Upper
105 100
120 25.5 24.9 74.7

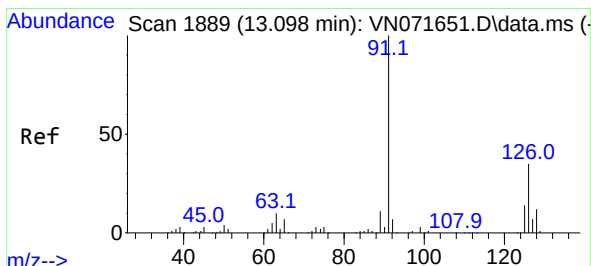
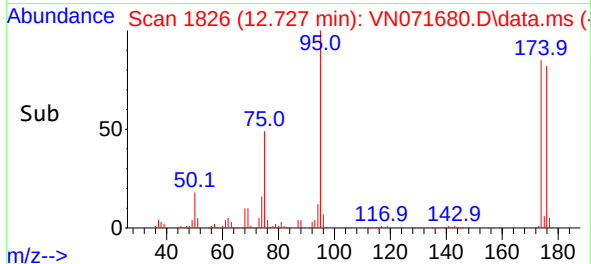
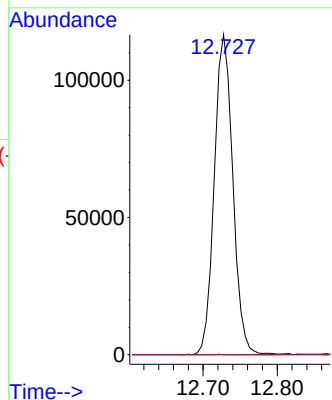
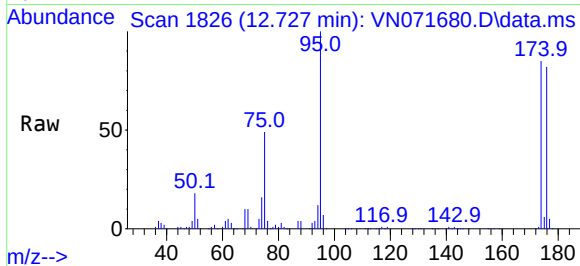




#81
trans-1,4-Dichloro-2-butene
Concen: 77.794 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

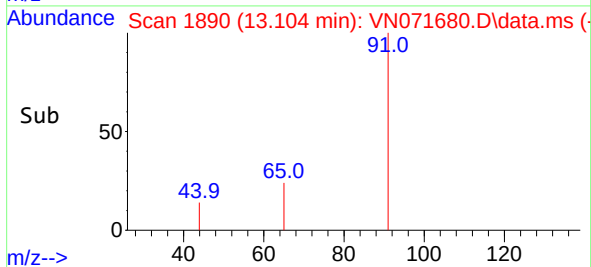
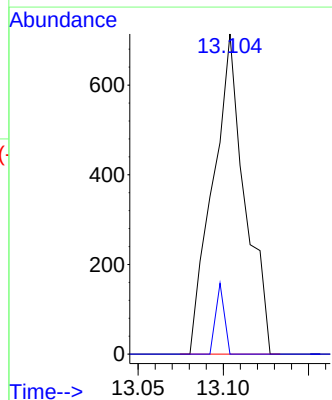
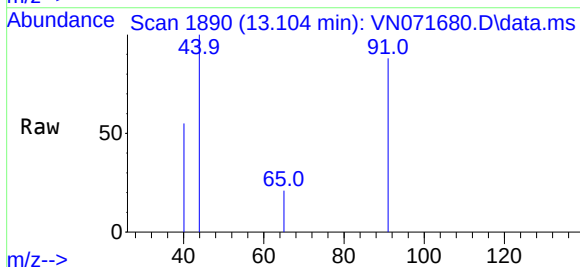
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

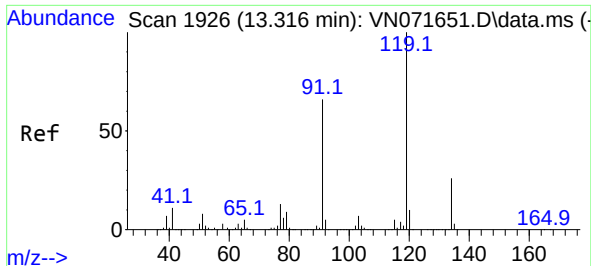
Tgt Ion: 75 Resp: 202593
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.051 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion: 91 Resp: 932
Ion Ratio Lower Upper
91 100
126 6.0 17.2 51.6#

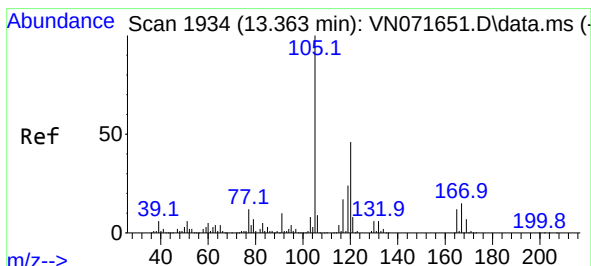
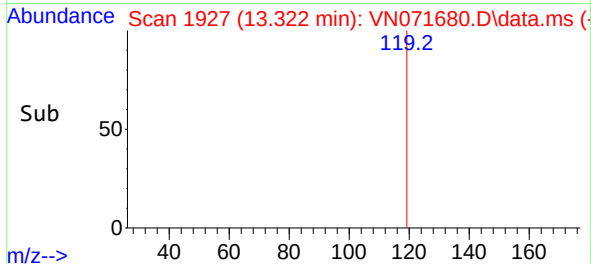
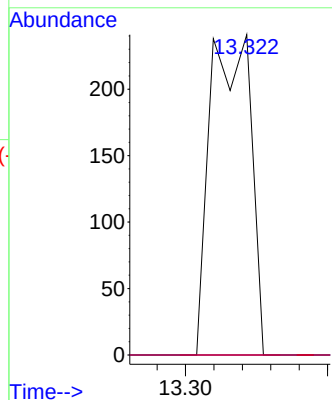
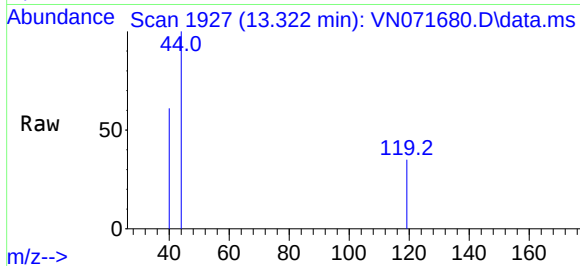




#83
tert-Butylbenzene
Concen: 0.011 ug/l
RT: 13.322 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

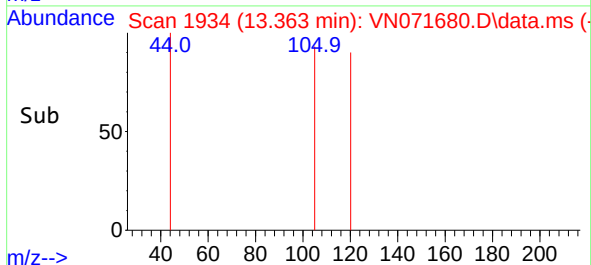
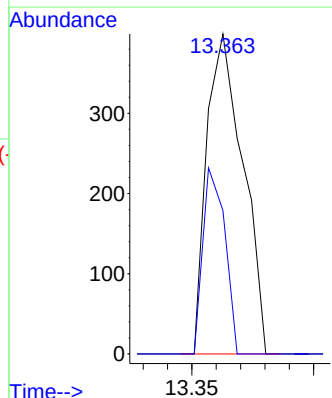
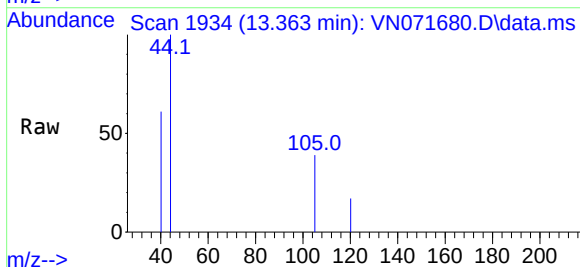
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

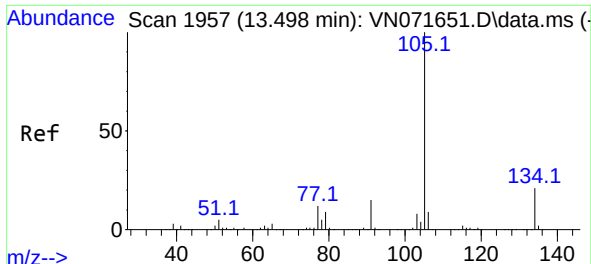
Tgt Ion:119 Resp: 239
Ion Ratio Lower Upper
119 100
91 0.0 31.6 94.8#
134 0.0 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 0.018 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion:105 Resp: 412
Ion Ratio Lower Upper
105 100
120 35.2 23.3 69.8

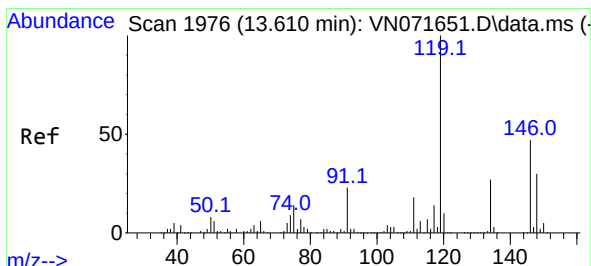
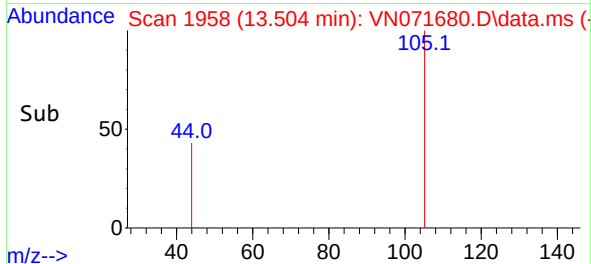
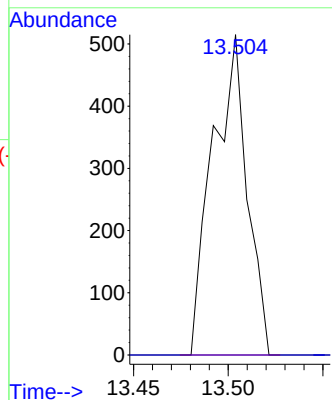
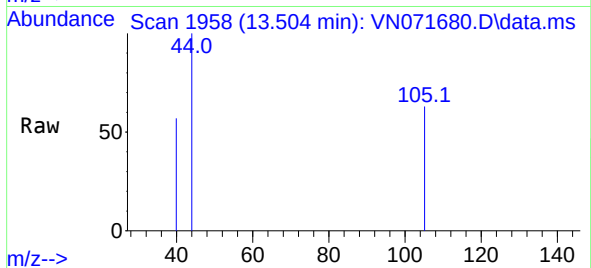




#85
 sec-Butylbenzene
 Concen: 0.024 ug/l
 RT: 13.504 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VN071680.D
 Acq: 31 Mar 2022 00:32

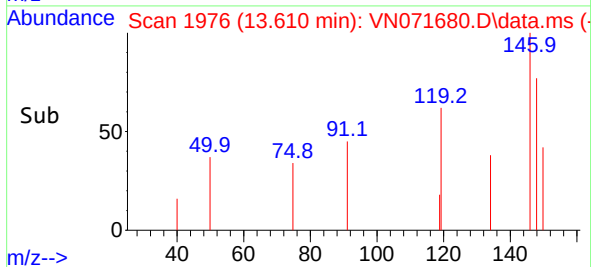
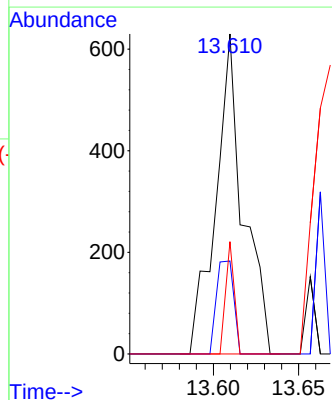
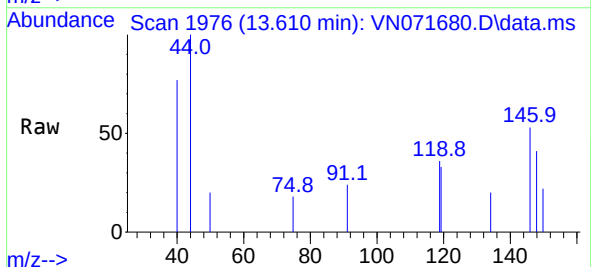
Instrument :
 MSVOA_N
 ClientSampleId :
 GM38-RW3-MW1-20220321

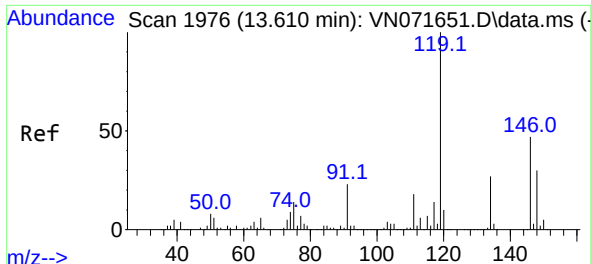
Tgt Ion:105 Resp: 651
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.032 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071680.D
 Acq: 31 Mar 2022 00:32

Tgt Ion:119 Resp: 710
 Ion Ratio Lower Upper
 119 100
 134 18.0 13.3 39.8
 91 11.0 11.3 33.9#

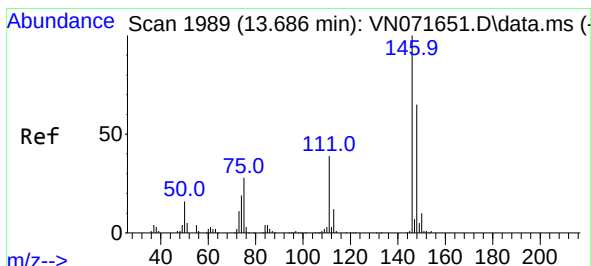
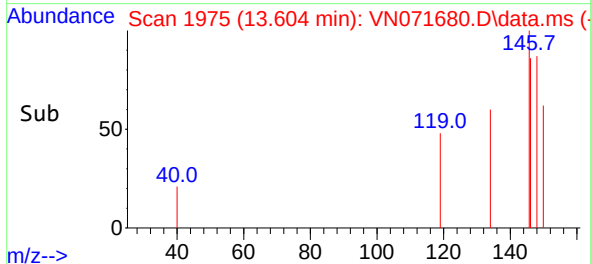
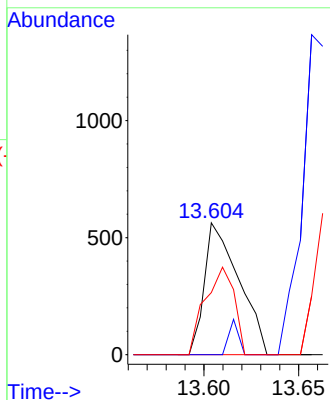
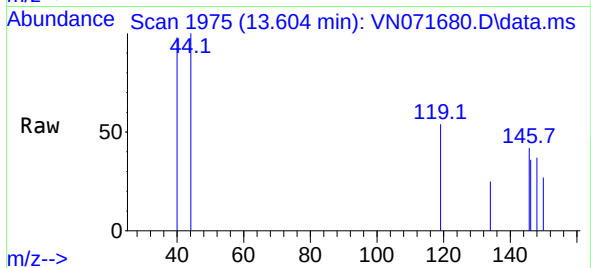




#87
1,3-Dichlorobenzene
Concen: 0.061 ug/l
RT: 13.604 min Scan# 1975
Delta R.T. -0.006 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

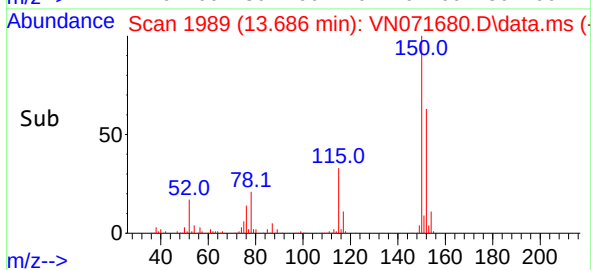
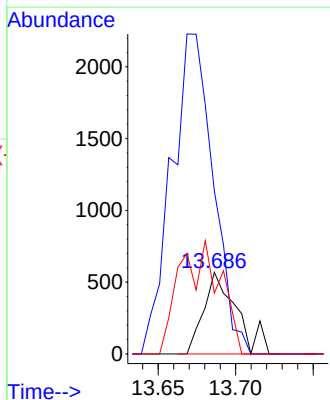
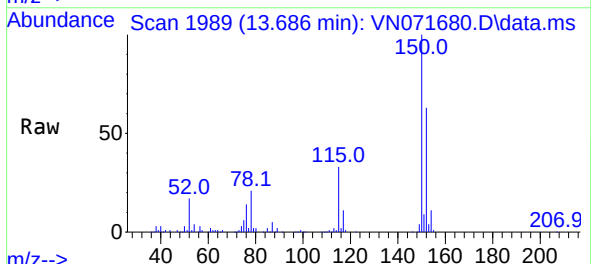
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20220321

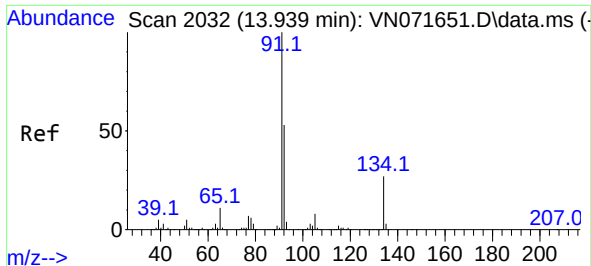
Tgt Ion:146 Resp: 713
Ion Ratio Lower Upper
146 100
111 0.0 20.0 60.0#
148 56.0 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.073 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN071680.D
Acq: 31 Mar 2022 00:32

Tgt Ion:146 Resp: 833
Ion Ratio Lower Upper
146 100
111 502.2 19.1 57.1#
148 84.8 31.4 94.3





#89

n-Butylbenzene

Concen: 0.055 ug/l

RT: 13.933 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VN071680.D

Acq: 31 Mar 2022 00:32

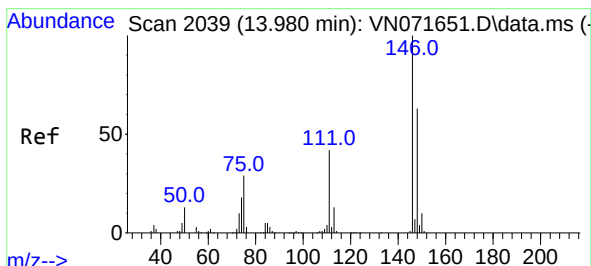
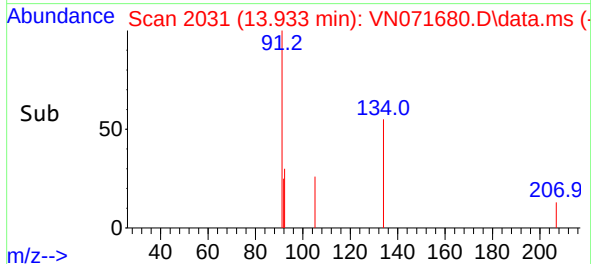
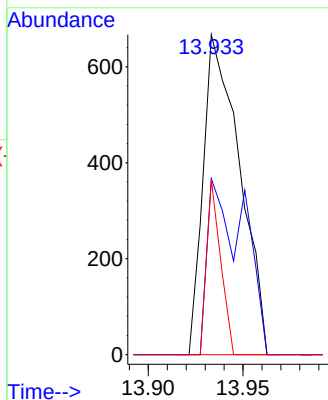
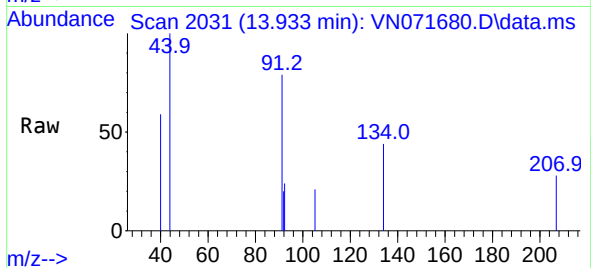
Instrument :

MSVOA_N

ClientSampleId :

GM38-RW3-MW1-20220321

Tgt Ion: 91	Resp:	894
Ion Ratio	Lower	Upper
91	100	
92	54.7	26.9 80.7
134	20.9	13.6 40.8



#91

1,2-Dichlorobenzene

Concen: 0.027 ug/l

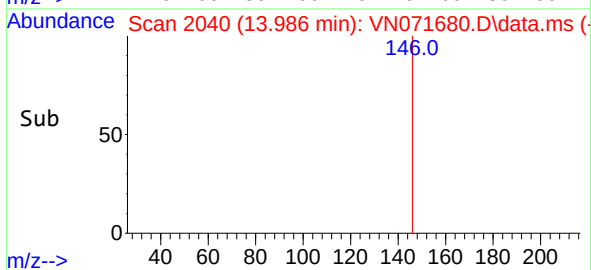
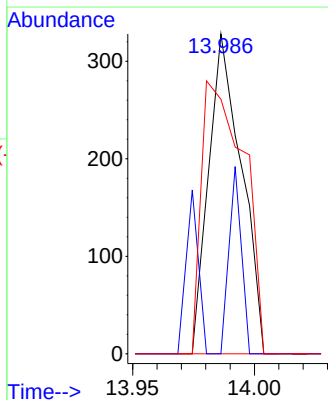
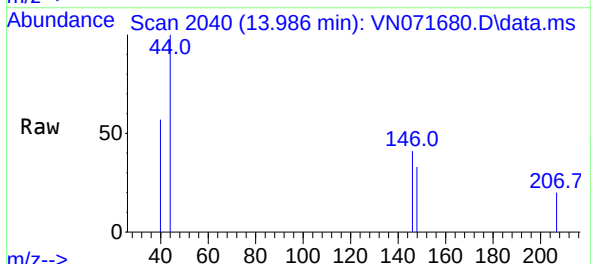
RT: 13.986 min Scan# 2040

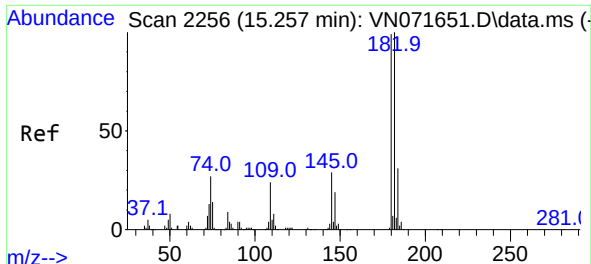
Delta R.T. 0.006 min

Lab File: VN071680.D

Acq: 31 Mar 2022 00:32

Tgt Ion: 146	Resp:	306
Ion Ratio	Lower	Upper
146	100	
111	22.2	20.9 62.8
148	110.5	32.1 96.3





#93

1,2,4-Trichlorobenzene

Concen: 2.168 ug/l

RT: 15.268 min Scan# 21

Delta R.T. 0.011 min

Lab File: VN071680.D

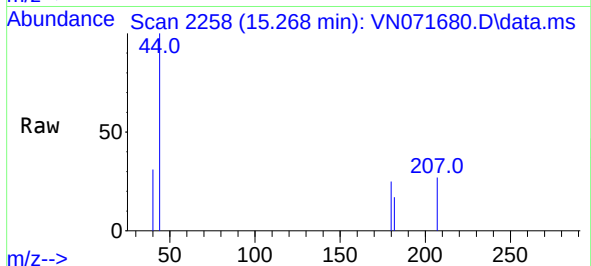
Acq: 31 Mar 2022 00:32

Instrument :

MSVOA_N

ClientSampleId :

GM38-RW3-MW1-20220321



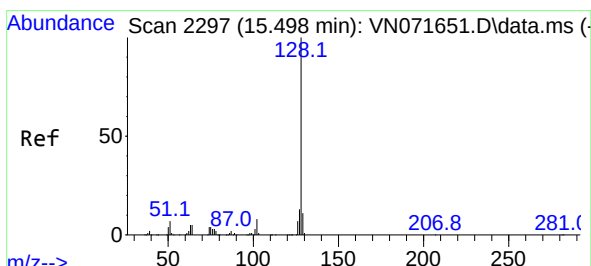
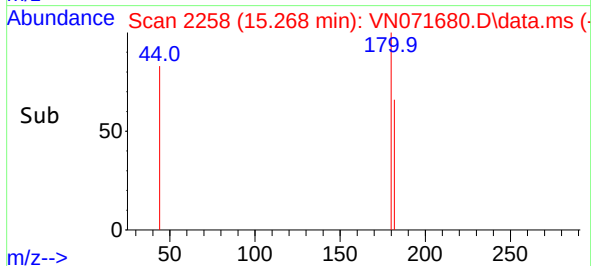
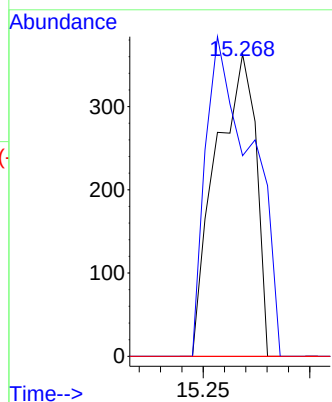
Tgt Ion:180 Resp: 475

Ion Ratio Lower Upper

180 100

182 121.9 47.5 142.5

145 0.0 14.5 43.5#



#95

Naphthalene

Concen: 3.919 ug/l

RT: 15.498 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VN071680.D

Acq: 31 Mar 2022 00:32

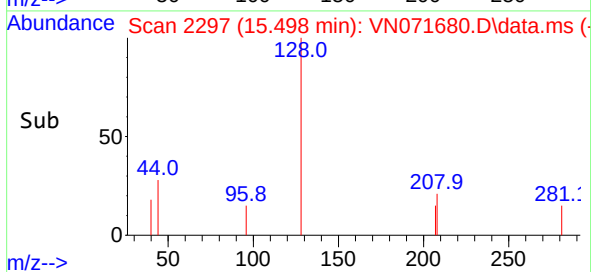
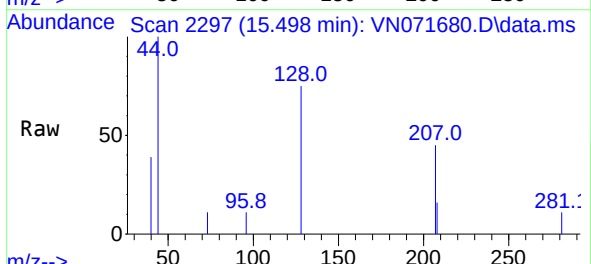
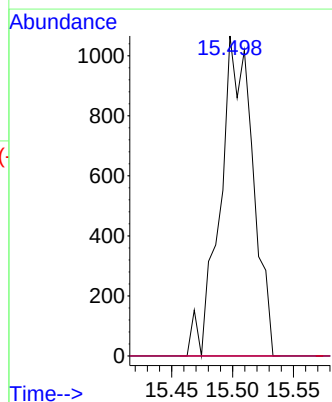
Tgt Ion:128 Resp: 1996

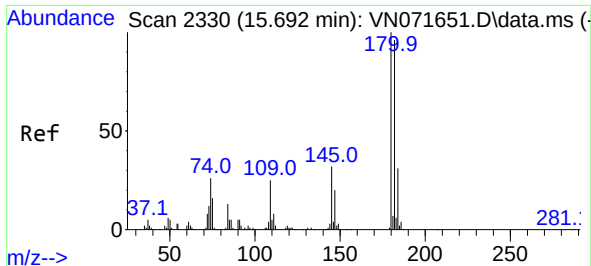
Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 2.508 ug/l

RT: 15.704 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN071680.D

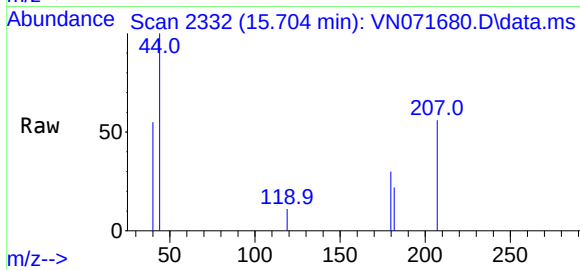
Acq: 31 Mar 2022 00:32

Instrument :

MSVOA_N

ClientSampleId :

GM38-RW3-MW1-20220321



Tgt Ion:180 Resp: 529

Ion Ratio Lower Upper

180 100

182 84.5 47.8 143.3

145 0.0 15.5 46.5#

