

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
 Data File : VW021648.D
 Acq On : 25 Dec 2021 16:09
 Operator : SY/VA
 Sample : M5174-10REMS
 Misc : 3.49g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC20REMS

Quant Time: Dec 27 00:41:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	111913	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	88806	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	25368	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	32591	15.990	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.960%
7) Chloroethane-d5	2.879	69	26793	19.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.520%
11) 1,1-Dichloroethene-d2	4.013	63	55257	20.335	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.320%
21) 2-Butanone-d5	7.092	46	20762	72.264	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.520%#
24) Chloroform-d	7.647	84	81428	26.109	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.440%
26) 1,2-Dichloroethane-d4	8.305	65	43571	26.264	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.040%
32) Benzene-d6	8.274	84	132495	27.219	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.880%
36) 1,2-Dichloropropane-d6	9.274	67	40956	31.372	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.480%#
41) Toluene-d8	10.323	98	117257	23.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.320%
43) trans-1,3-Dichloroprop...	10.579	79	16338	27.180	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.720%
47) 2-Hexanone-d5	10.926	63	16993	88.026	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	176.060%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	34864	31.066	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.280%#
66) 1,2-Dichlorobenzene-d4	13.853	152	20690	21.045	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.160%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	11850	27.405	ug/L	99
3) Chloromethane	2.209	50	32247	22.526	ug/L	97
5) Vinyl chloride	2.355	62	45769	20.366	ug/L	99
6) Bromomethane	2.775	94	26590	18.241	ug/L	100
8) Chloroethane	2.916	64	22771	21.994	ug/L	98
9) Trichlorofluoromethane	3.251	101	28174	23.760	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	37796	24.458	ug/L	90
12) 1,1-Dichloroethene	4.031	96	32828	23.665	ug/L	82
13) Acetone	4.153	43	14859	57.690	ug/L	95
14) Carbon disulfide	4.385	76	70558	19.696	ug/L	98
15) Methyl Acetate	4.684	43	13330	29.995	ug/L	# 89
16) Methylene chloride	4.909	84	36220	19.587	ug/L	82
17) trans-1,2-Dichloroethene	5.427	96	35423	23.584	ug/L	85
18) Methyl tert-butyl Ether	5.434	73	64963	31.316	ug/L	94
19) 1,1-Dichloroethane	6.214	63	62491	26.514	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	40363	25.478	ug/L	75
22) 2-Butanone	7.183	43	18635	55.402	ug/L	85
23) Bromochloromethane	7.519	128	19988	26.983	ug/L	# 63
25) Chloroform	7.677	83	72813	26.612	ug/L	99

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 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

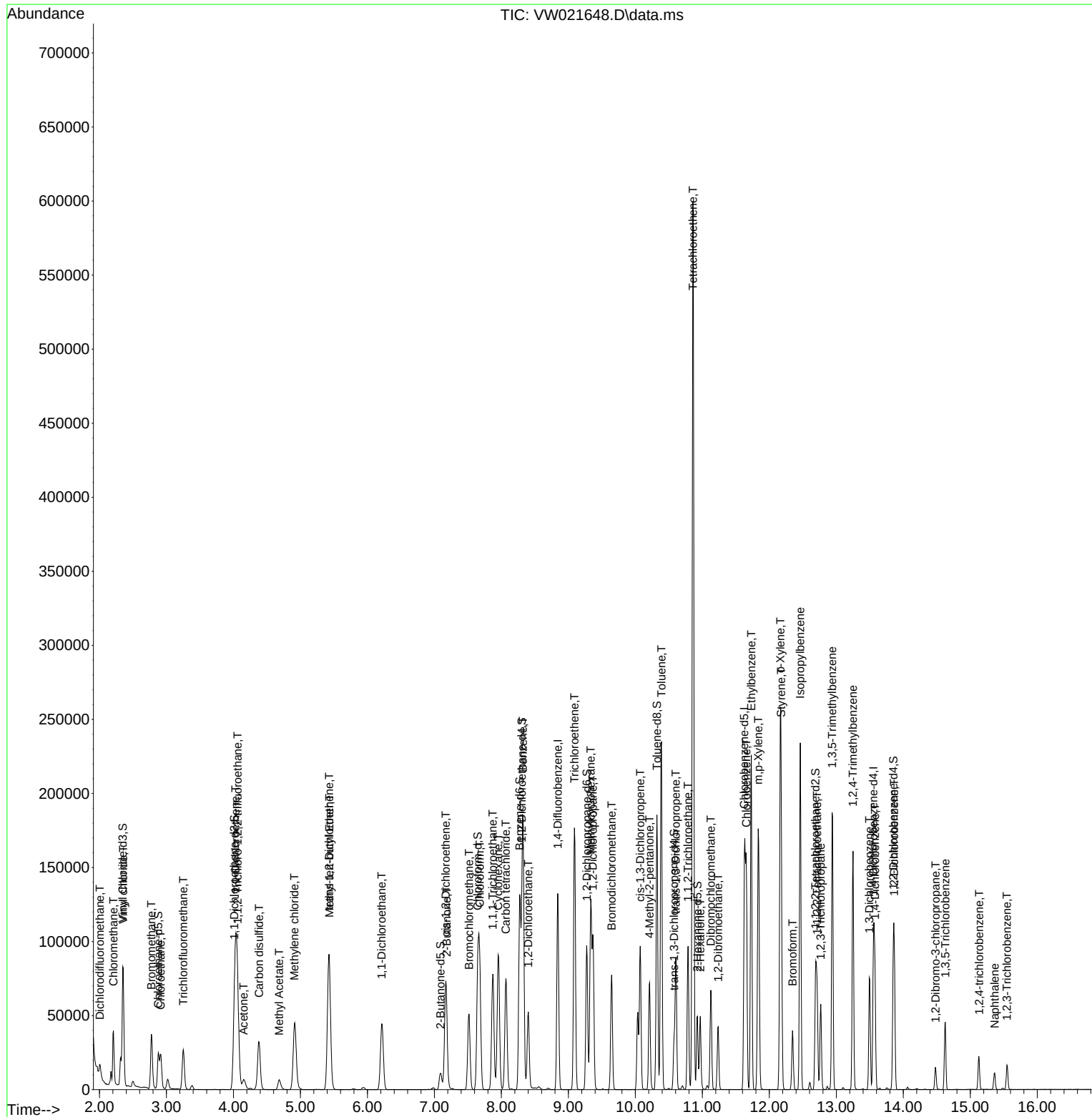
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	47007	27.130	ug/L	98
29) Cyclohexane	7.951	56	48016	27.165	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	63052	31.644	ug/L	95
31) Carbon tetrachloride	8.067	117	56937	30.976	ug/L	99
33) Benzene	8.323	78	160287	33.133	ug/L	100
34) Trichloroethene	9.091	95	60549	44.586	ug/L	96
35) Methylcyclohexane	9.335	83	53895	24.059	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	34085	31.587	ug/L #	95
38) Bromodichloromethane	9.646	83	50812	34.247	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	52828	31.057	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	44217	75.203	ug/L #	90
42) Toluene	10.390	91	172179	30.431	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	45241	30.365	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	28985	32.818	ug/L	91
46) Tetrachloroethene	10.859	164	136502	105.810	ug/L	94
48) 2-Hexanone	10.969	43	29461	69.095	ug/L #	92
49) Dibromochloromethane	11.128	129	34038	31.262	ug/L	93
50) 1,2-Dibromoethane	11.237	107	27906	31.749	ug/L #	94
51) Chlorobenzene	11.658	112	76957	20.316	ug/L	96
52) Ethylbenzene	11.731	91	154064	23.828	ug/L	94
53) m,p-Xylene	11.835	106	56444	21.640	ug/L	86
54) o-Xylene	12.164	106	55178	22.291	ug/L	90
55) Styrene	12.176	104	64603	15.335	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	29423	29.061	ug/L #	98
59) Bromoform	12.347	173	16853	55.834	ug/L	100
60) Isopropylbenzene	12.463	105	147898	42.906	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	21988	59.556	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	101269	34.525	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	87788	30.339	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	31411	19.319	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	32187	19.925	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	28848	20.154	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	3425	44.975	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.627	180	14725	12.117	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	7363	7.533	ug/L	95
71) Naphthalene	15.365	128	10220	6.436	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	6003	7.431	ug/L	97

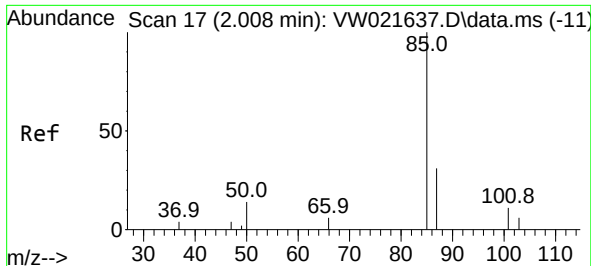
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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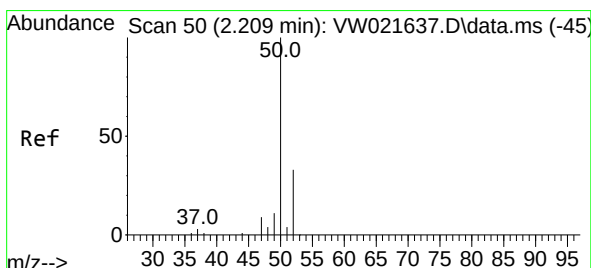
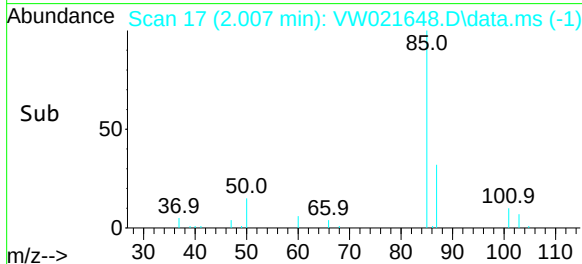
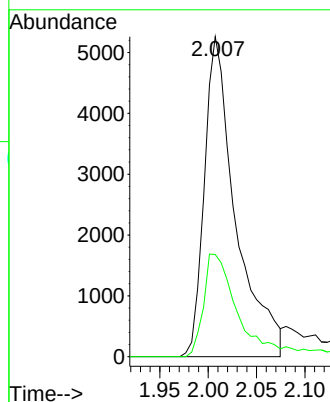
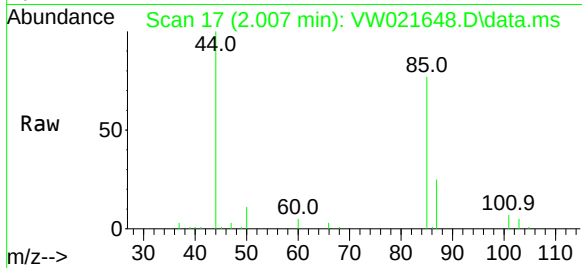




#2
Dichlorodifluoromethane
Concen: 27.405 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

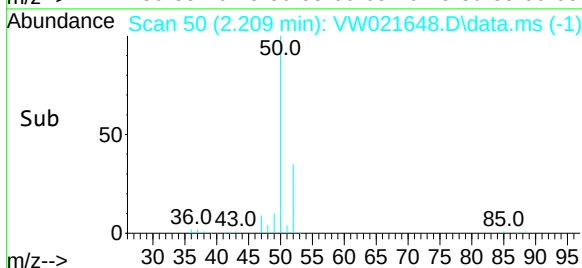
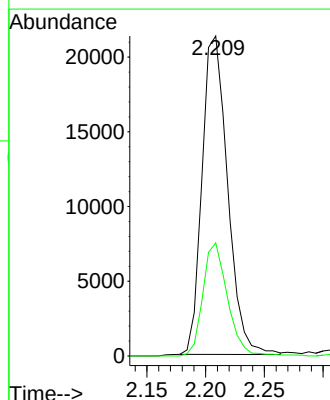
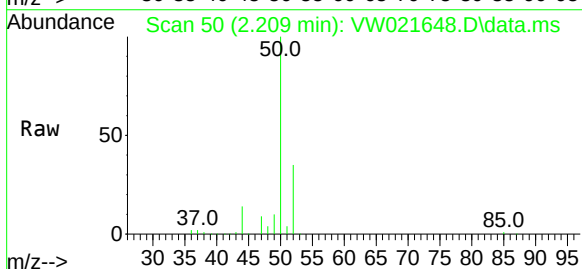
Instrument :
MSVOA_W
ClientSampleId :
GBC20REMS

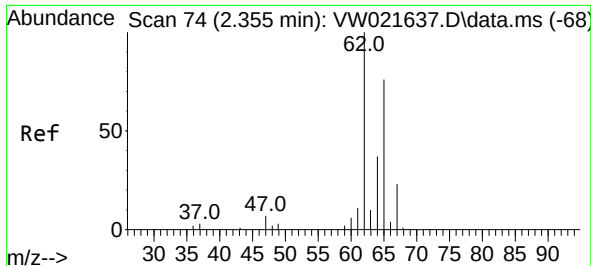
Tgt Ion: 85 Resp: 11850
Ion Ratio Lower Upper
85 100
87 31.9 25.8 38.6



#3
Chloromethane
Concen: 22.526 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

Tgt Ion: 50 Resp: 32247
Ion Ratio Lower Upper
50 100
52 35.3 23.4 43.6

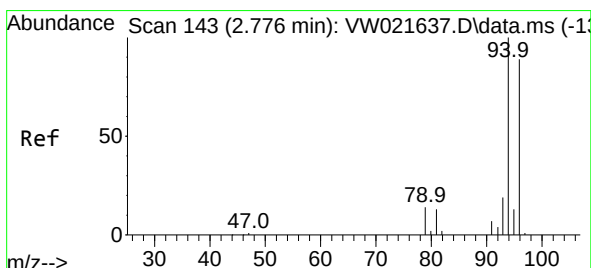
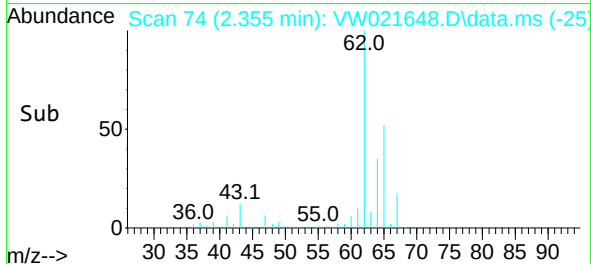
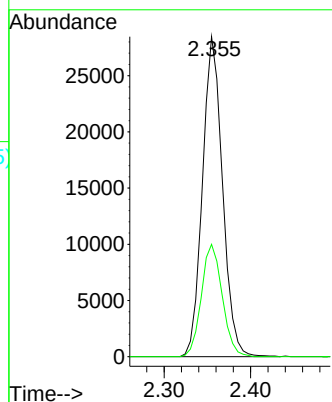
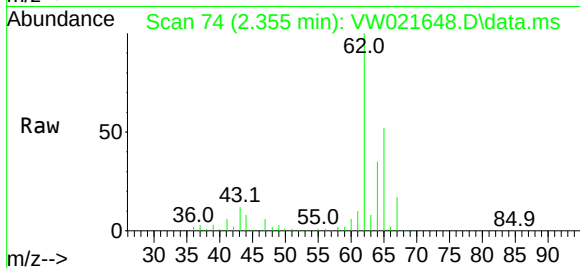




#5
 Vinyl chloride
 Concen: 20.366 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW021648.D
 Acq: 25 Dec 2021 16:09

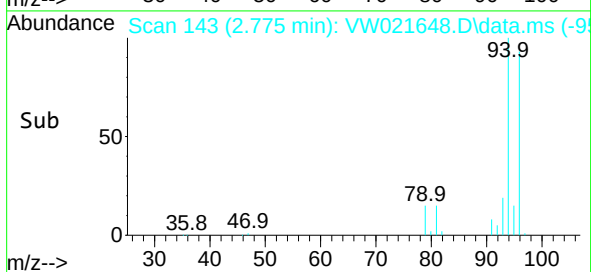
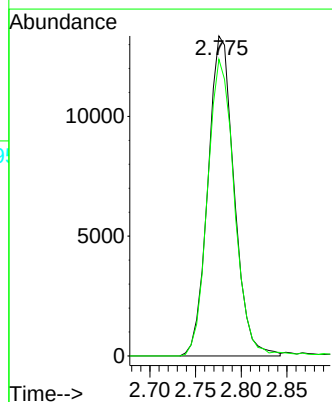
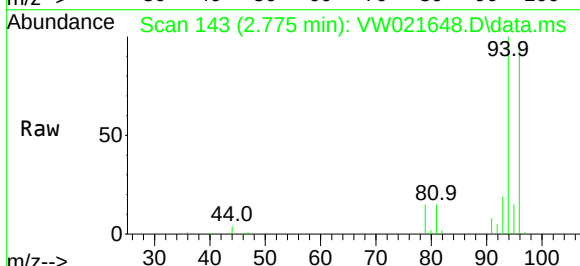
Instrument :
 MSVOA_W
 ClientSampleId :
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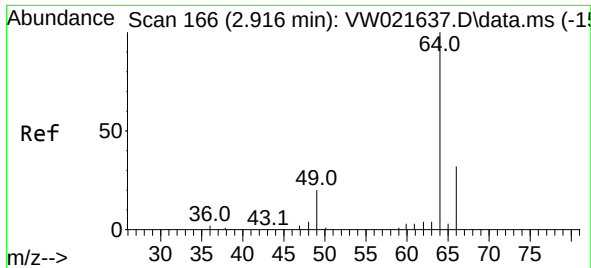
Tgt Ion: 62 Resp: 45769
 Ion Ratio Lower Upper
 62 100
 64 35.1 24.4 45.2



#6
 Bromomethane
 Concen: 18.241 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW021648.D
 Acq: 25 Dec 2021 16:09

Tgt Ion: 94 Resp: 26590
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.8 120.4

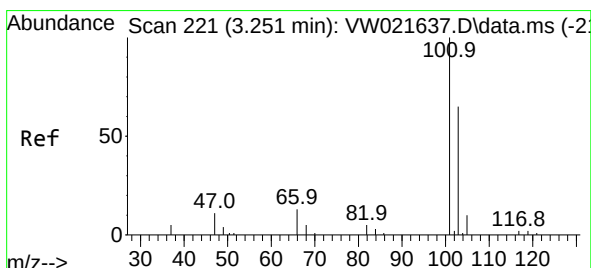
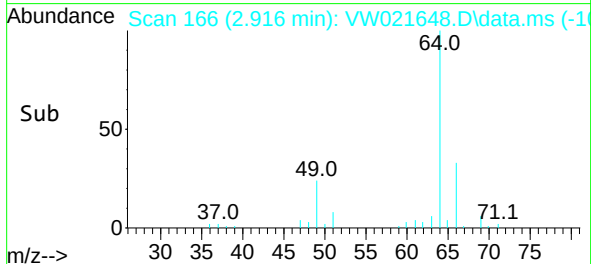
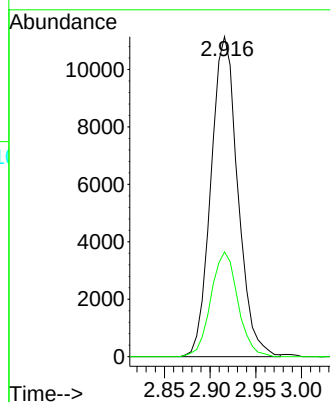
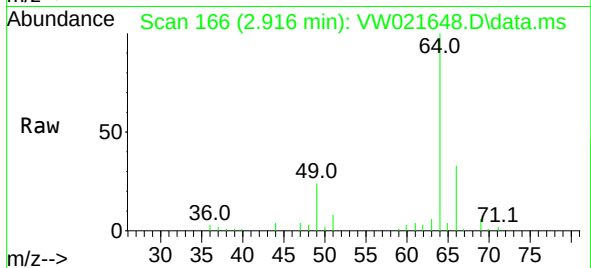




#8
Chloroethane
Concen: 21.994 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

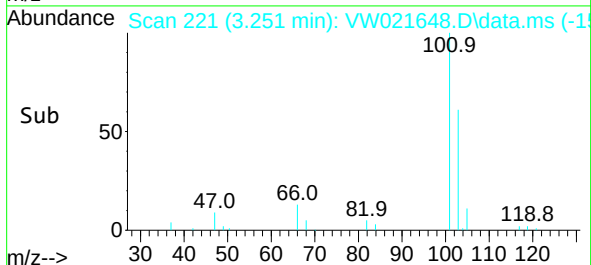
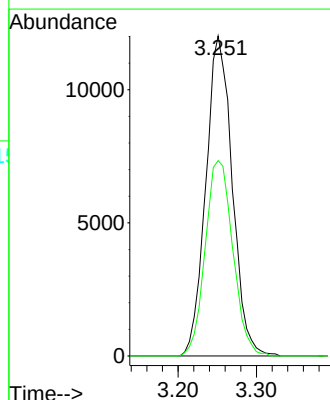
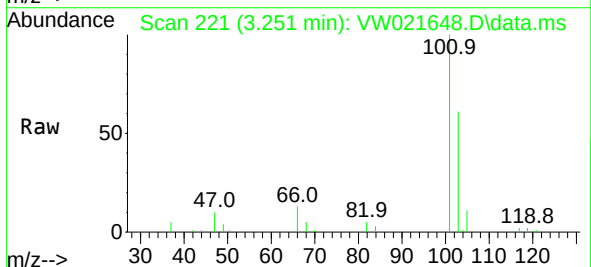
Instrument :
MSVOA_W
ClientSampleId :
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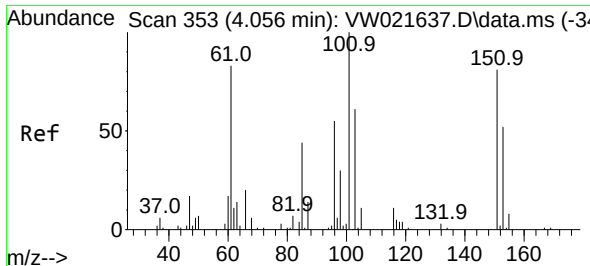
Tgt Ion: 64 Resp: 22771
Ion Ratio Lower Upper
64 100
66 32.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 23.760 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

Tgt Ion:101 Resp: 28174
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

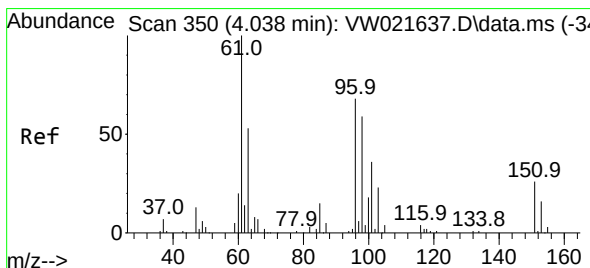
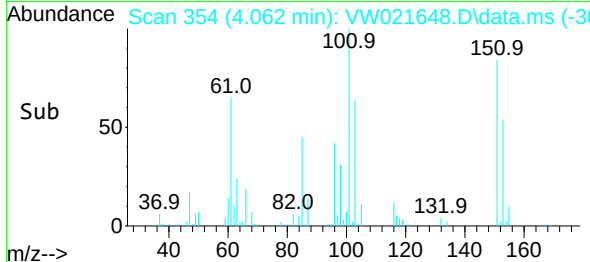
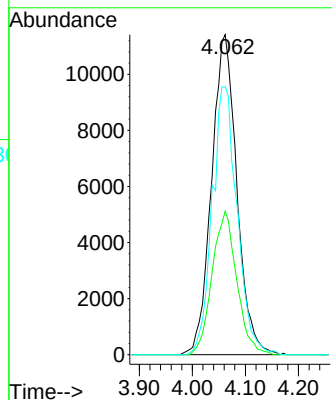
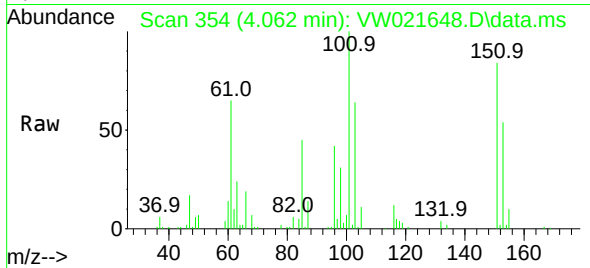




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.458 ug/L
RT: 4.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

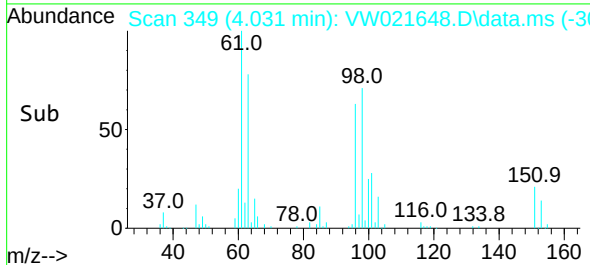
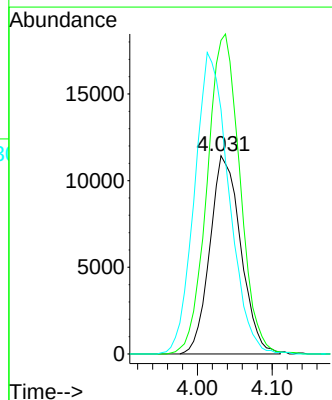
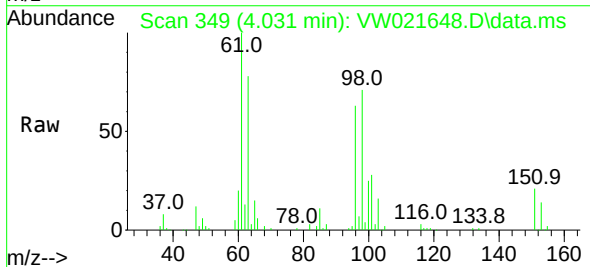
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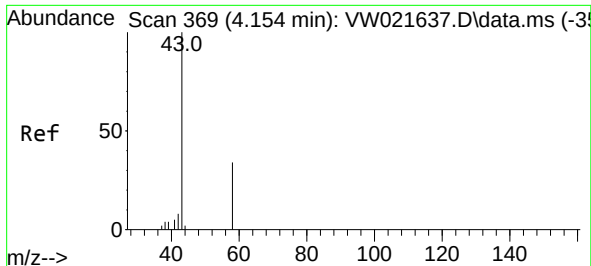
Tgt Ion:101 Resp: 37796
Ion Ratio Lower Upper
101 100
85 43.6 36.6 54.8
151 83.0 57.4 86.0



#12
1,1-Dichloroethene
Concen: 23.665 ug/L
RT: 4.031 min Scan# 349
Delta R.T. -0.006 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

Tgt Ion: 96 Resp: 32828
Ion Ratio Lower Upper
96 100
61 158.2 138.3 256.9
63 123.3 82.6 153.4





#13

Acetone

Concen: 57.690 ug/L

RT: 4.153 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

Instrument :

MSVOA_W

ClientSampleId :

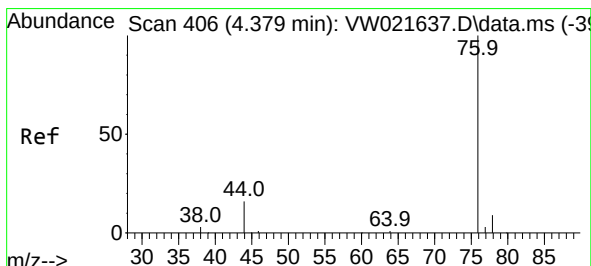
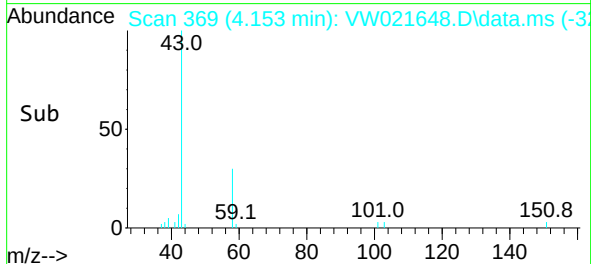
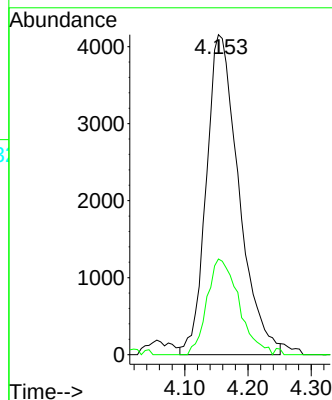
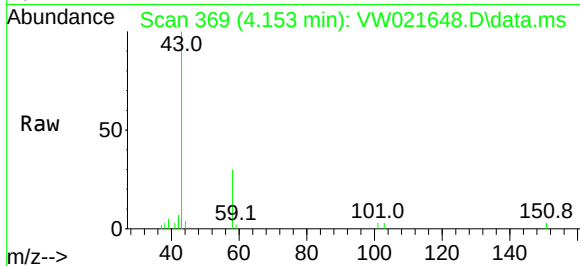
GBC20REMS

Tgt Ion: 43 Resp: 14859

Ion Ratio Lower Upper

43 100

58 29.2 0.0 52.8



#14

Carbon disulfide

Concen: 19.696 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW021648.D

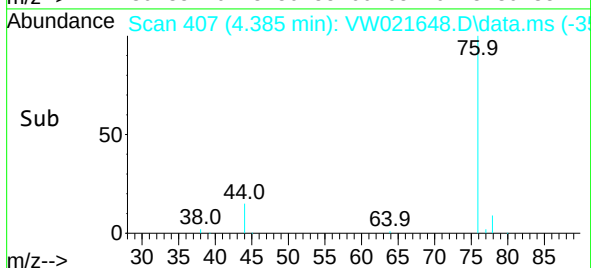
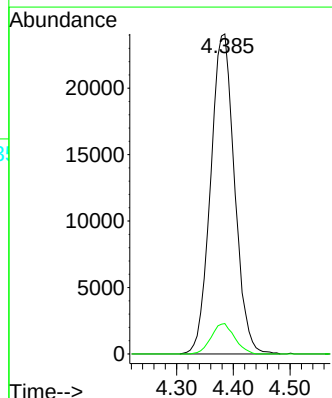
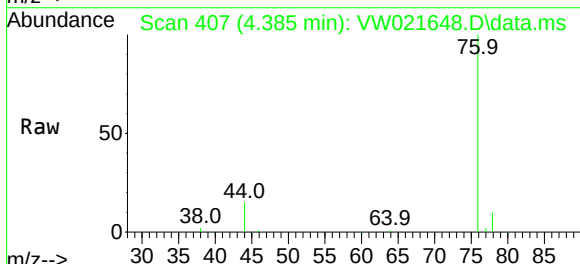
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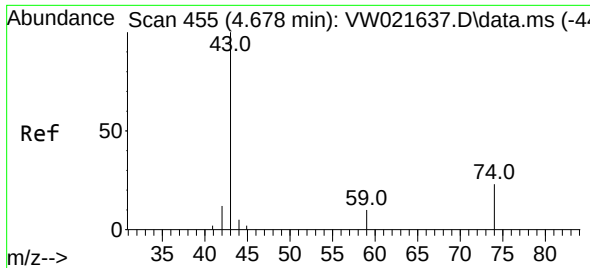
Tgt Ion: 76 Resp: 70558

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

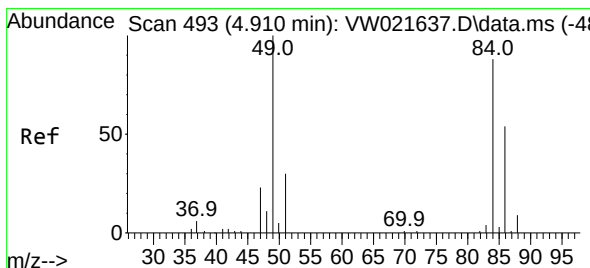
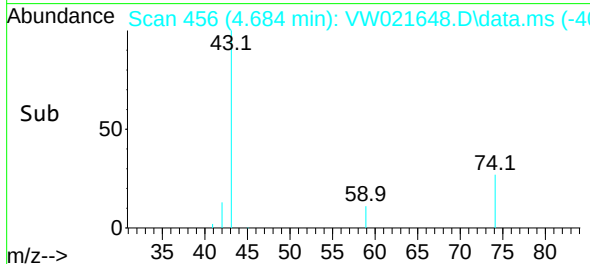
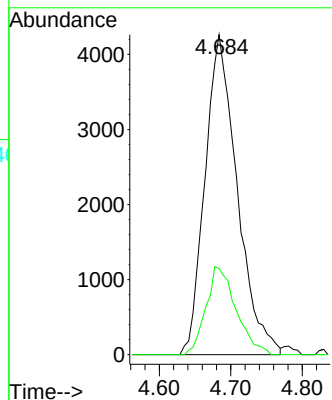
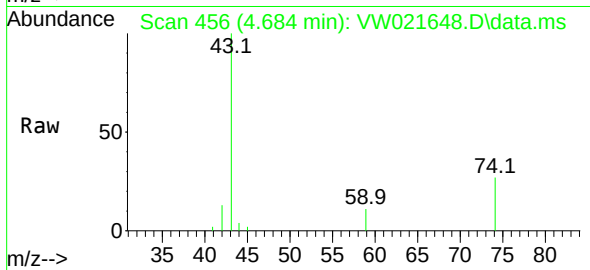




#15
Methyl Acetate
Concen: 29.995 ug/L
RT: 4.684 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

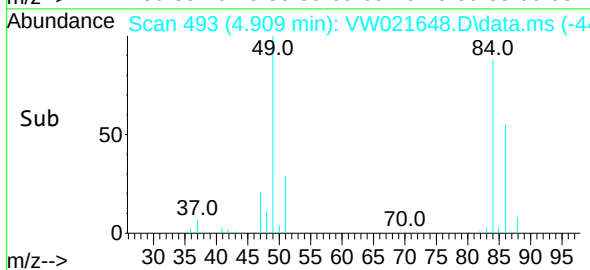
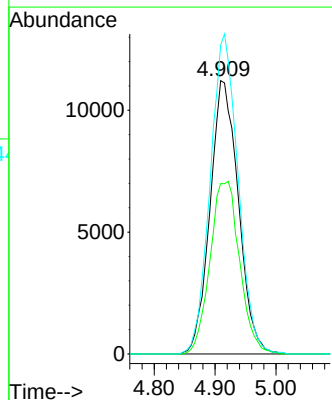
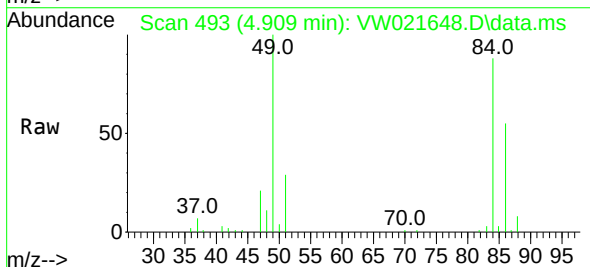
Instrument :
MSVOA_W
ClientSampleId :
GBC20REMS

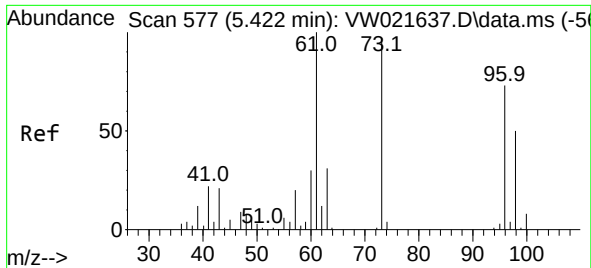
Tgt Ion: 43 Resp: 13330
Ion Ratio Lower Upper
43 100
74 25.8 16.4 24.6#



#16
Methylene chloride
Concen: 19.587 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

Tgt Ion: 84 Resp: 36220
Ion Ratio Lower Upper
84 100
86 62.4 45.5 84.5
49 113.0 100.5 186.7

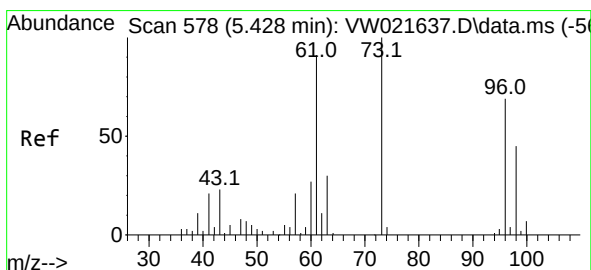
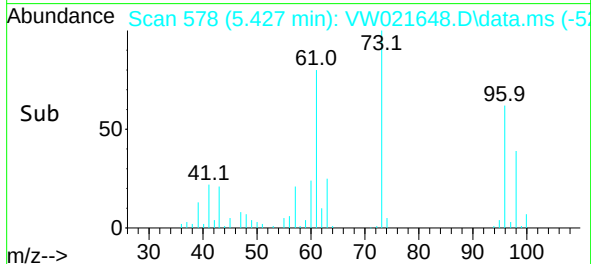
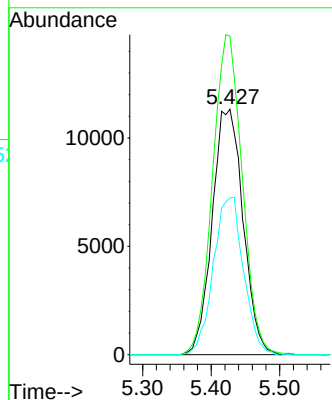
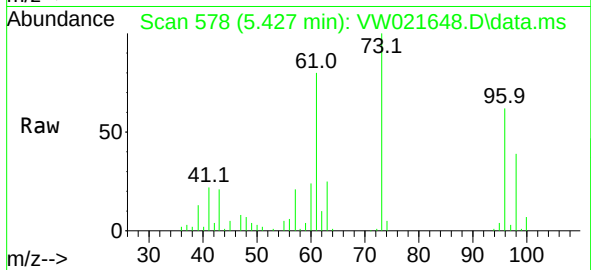




#17
trans-1,2-Dichloroethene
Concen: 23.584 ug/L
RT: 5.427 min Scan# 517
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

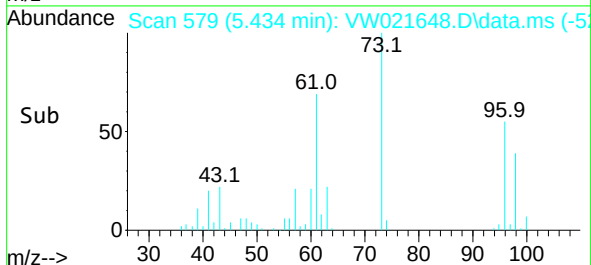
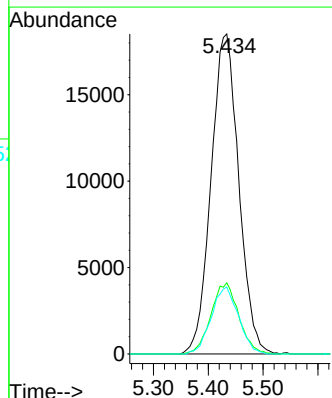
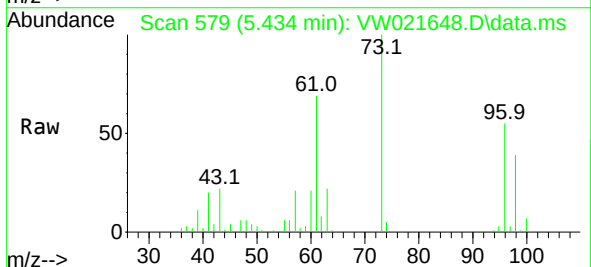
Instrument :
MSVOA_W
ClientSampleId :
GBC20REMS

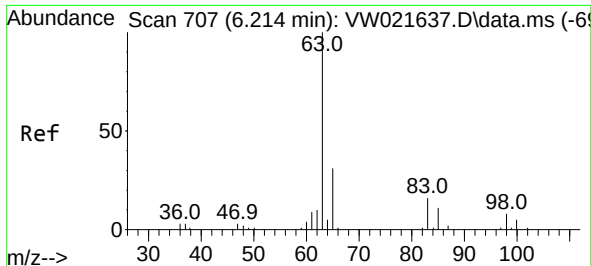
Tgt Ion: 96 Resp: 35423
Ion Ratio Lower Upper
96 100
61 129.8 107.4 199.4
98 63.8 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 31.316 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

Tgt Ion: 73 Resp: 64963
Ion Ratio Lower Upper
73 100
43 22.3 19.5 29.3
57 20.6 19.3 28.9





#19

1,1-Dichloroethane

Concen: 26.514 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

Instrument :

MSVOA_W

ClientSampleId :

GBC20REMS

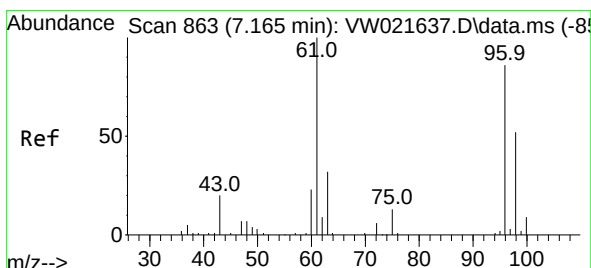
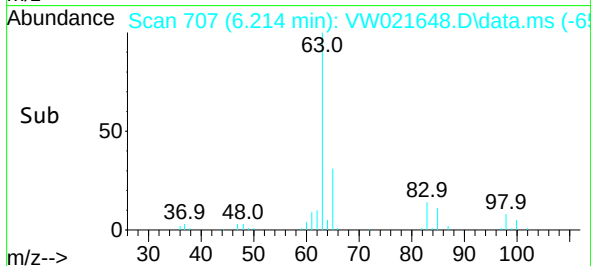
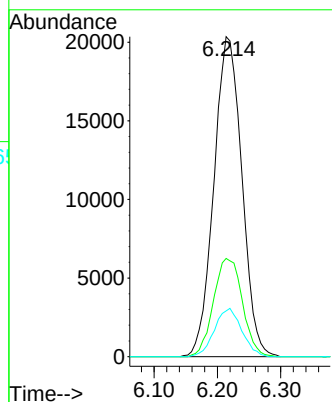
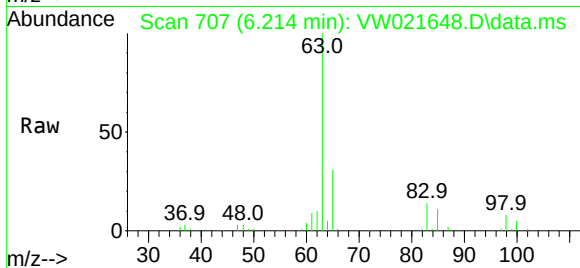
Tgt Ion: 63 Resp: 62491

Ion Ratio Lower Upper

63 100

65 30.7 22.1 41.1

83 14.3 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 25.478 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

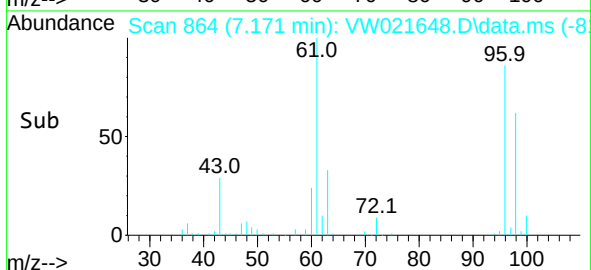
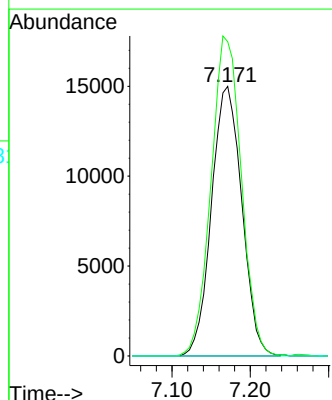
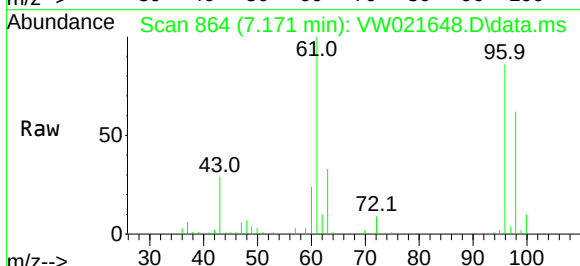
Tgt Ion: 96 Resp: 40363

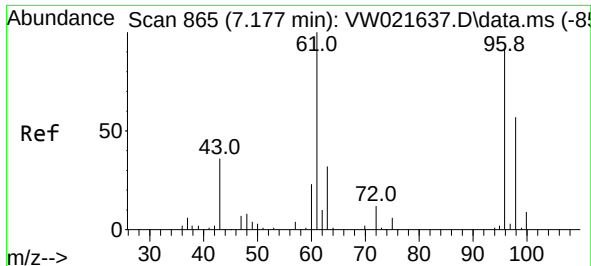
Ion Ratio Lower Upper

96 100

61 116.6 103.7 192.7

68 0.0 0.0 0.0

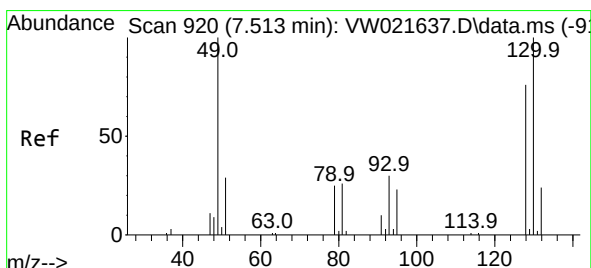
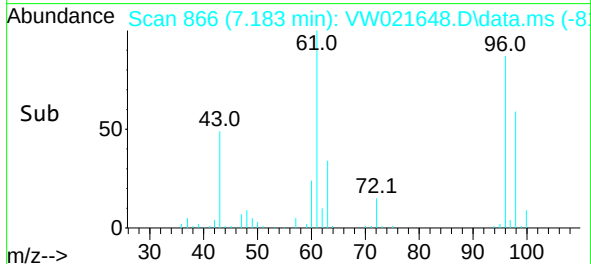
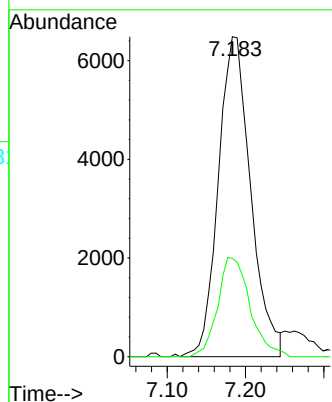
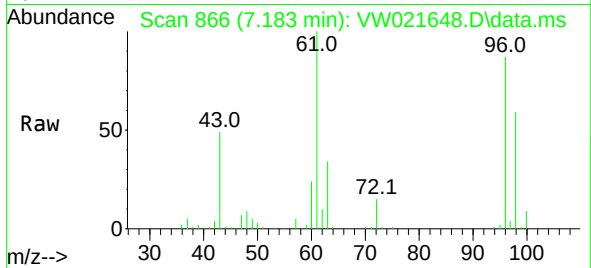




#22
2-Butanone
Concen: 55.402 ug/L
RT: 7.183 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

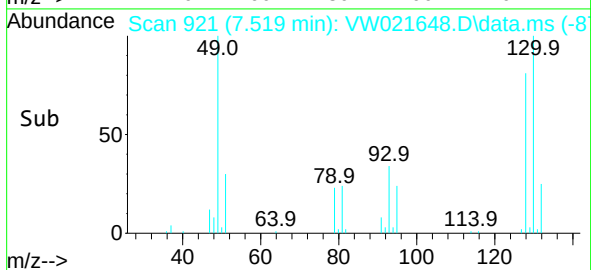
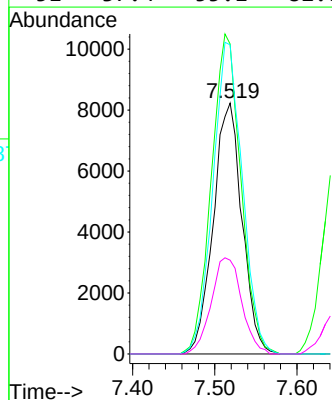
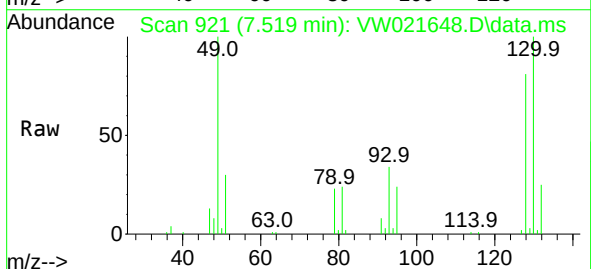
Instrument :
MSVOA_W
ClientSampleId :
GBC20REMS

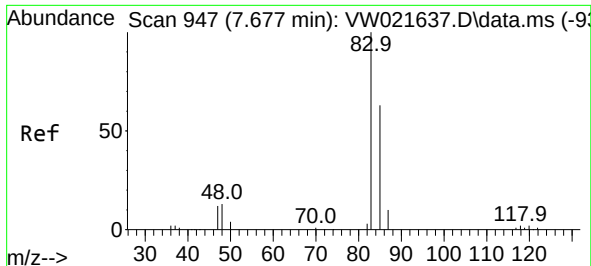
Tgt Ion: 43 Resp: 18635
Ion Ratio Lower Upper
43 100
72 30.9 11.8 35.4



#23
Bromochloromethane
Concen: 26.983 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

Tgt Ion: 128 Resp: 19988
Ion Ratio Lower Upper
128 100
49 123.5 150.3 279.1#
130 123.2 88.3 163.9
51 37.4 55.1 82.7#

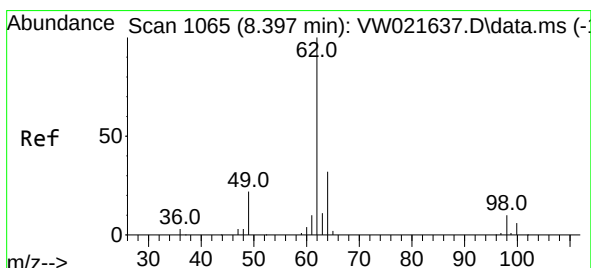
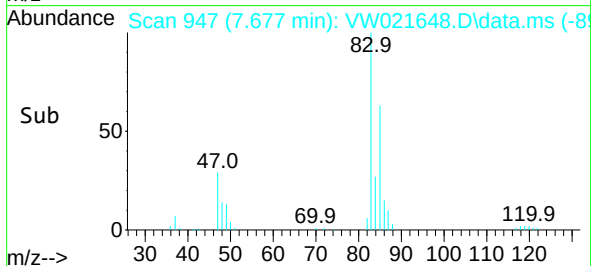
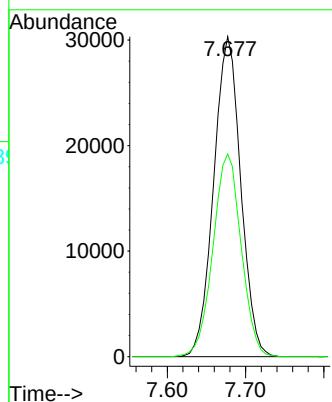
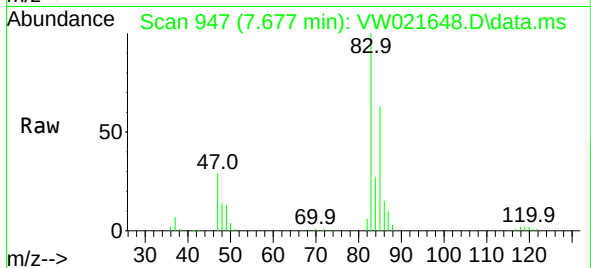




#25
Chloroform
Concen: 26.612 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

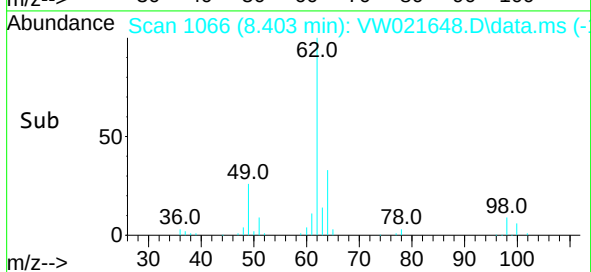
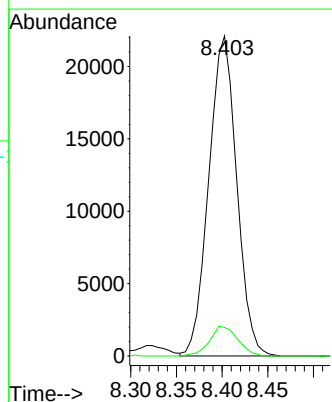
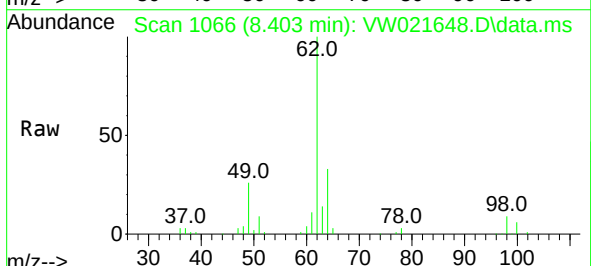
Instrument :
MSVOA_W
ClientSampleId :
GBC20REMS

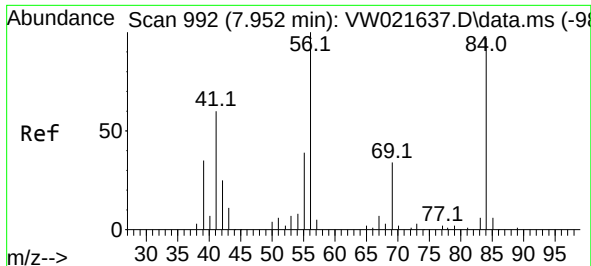
Tgt Ion: 83 Resp: 72813
Ion Ratio Lower Upper
83 100
85 63.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 27.130 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

Tgt Ion: 62 Resp: 47007
Ion Ratio Lower Upper
62 100
98 8.9 6.5 9.7





#29

Cyclohexane

Concen: 27.165 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

Instrument :

MSVOA_W

ClientSampleId :

GBC20REMS

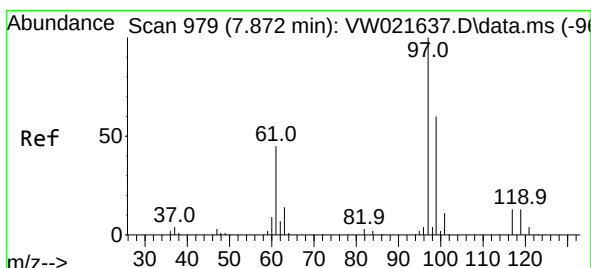
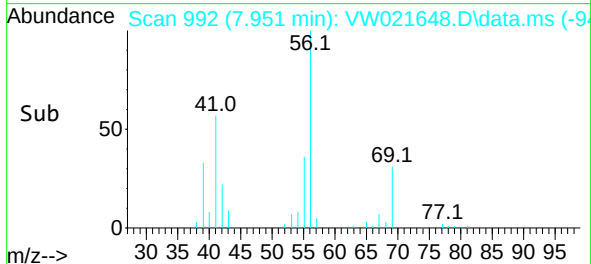
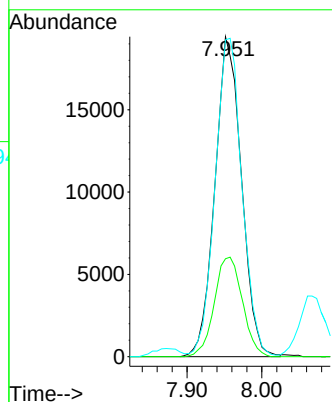
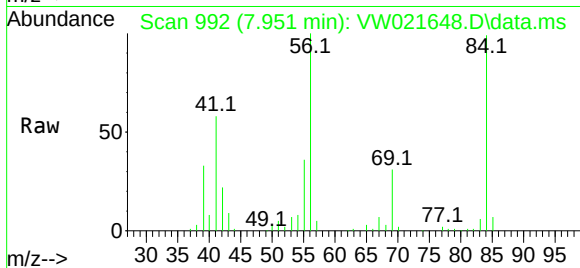
Tgt Ion: 56 Resp: 48016

Ion Ratio Lower Upper

56 100

69 32.8 23.5 35.3

84 100.9 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 31.644 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

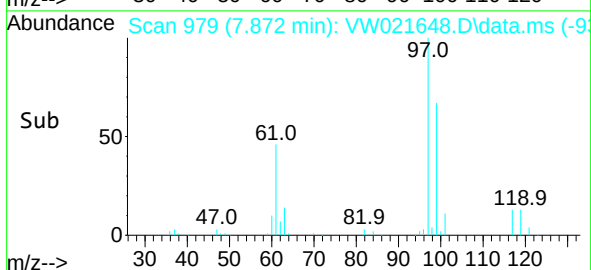
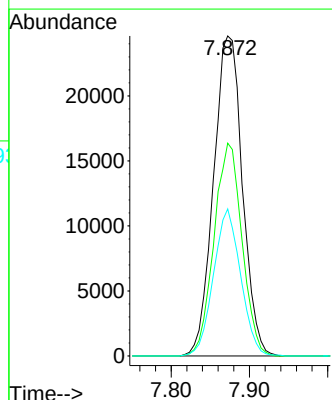
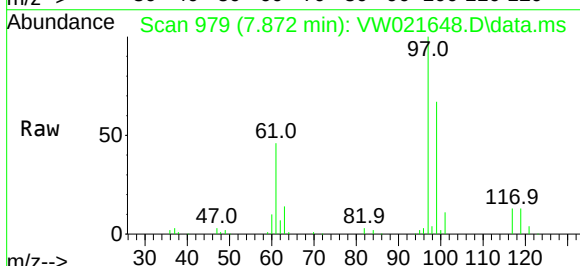
Tgt Ion: 97 Resp: 63052

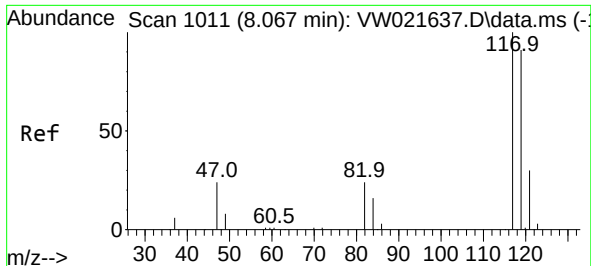
Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

61 43.2 40.9 61.3

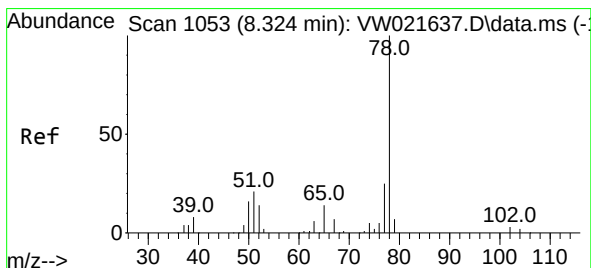
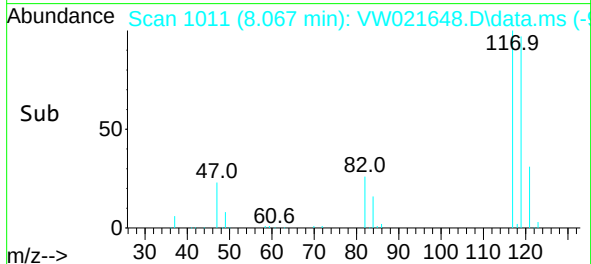
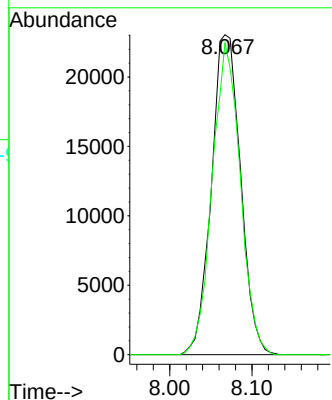
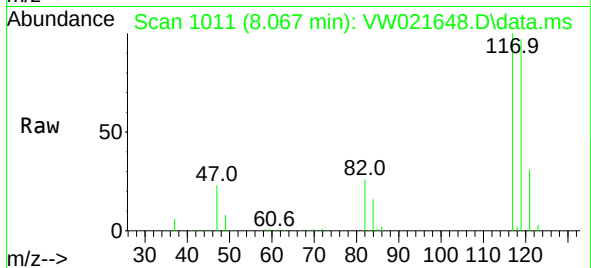




#31
Carbon tetrachloride
Concen: 30.976 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

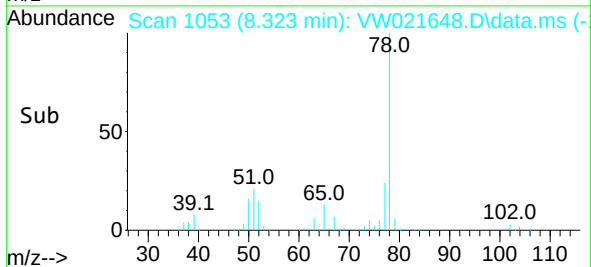
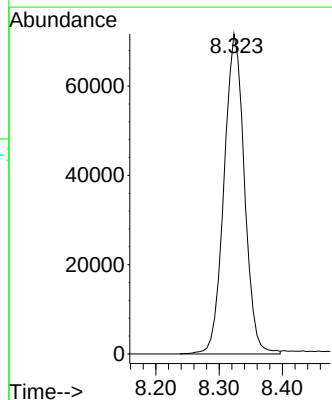
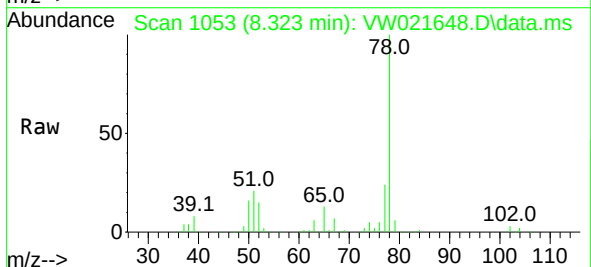
Instrument :
MSVOA_W
ClientSampleId :
GBC20REMS

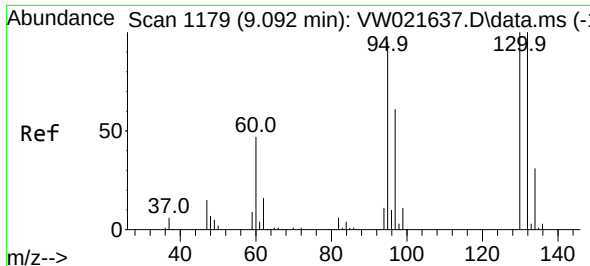
Tgt Ion:117 Resp: 56937
Ion Ratio Lower Upper
117 100
119 93.5 75.7 113.5



#33
Benzene
Concen: 33.133 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

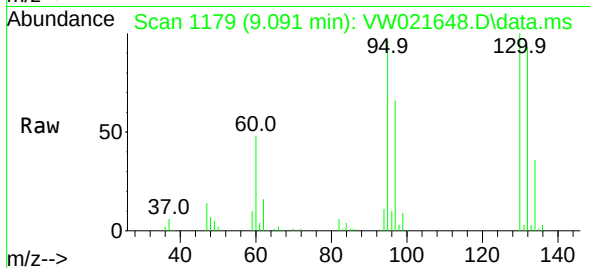
Tgt Ion: 78 Resp: 160287



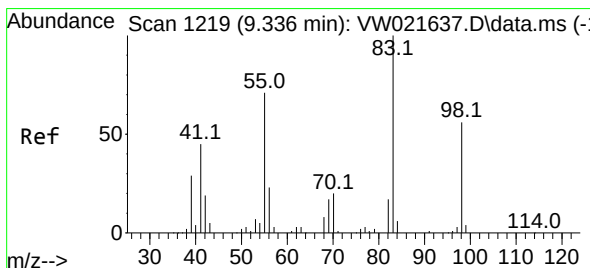
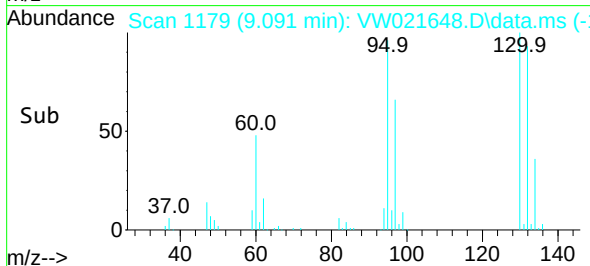
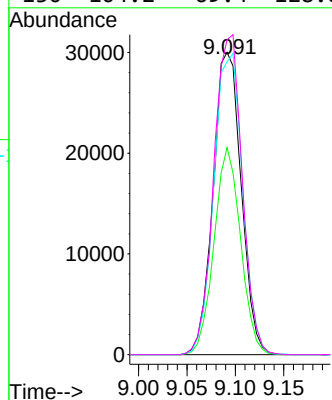


#34
Trichloroethene
Concen: 44.586 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
GBC20REMS

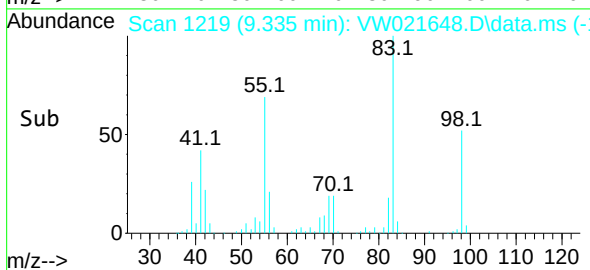
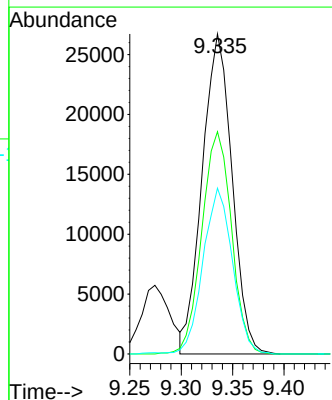
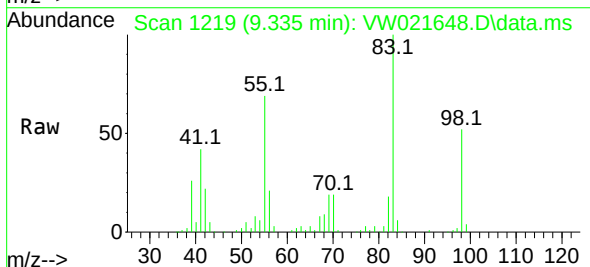


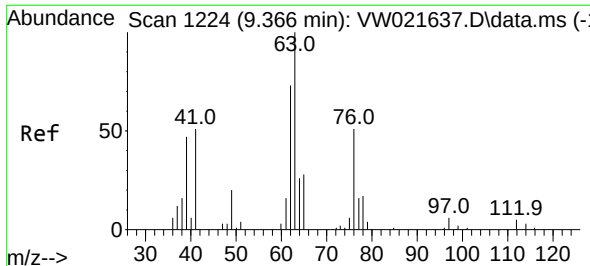
Tgt Ion: 95 Resp: 60549
Ion Ratio Lower Upper
95 100
97 68.6 47.0 87.2
132 96.9 65.5 121.6
130 104.2 69.4 128.8



#35
Methylcyclohexane
Concen: 24.059 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

Tgt Ion: 83 Resp: 53895
Ion Ratio Lower Upper
83 100
55 69.1 70.8 106.2#
98 51.2 37.7 56.5





#37

1,2-Dichloropropane

Concen: 31.587 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

Instrument :

MSVOA_W

ClientSampleId :

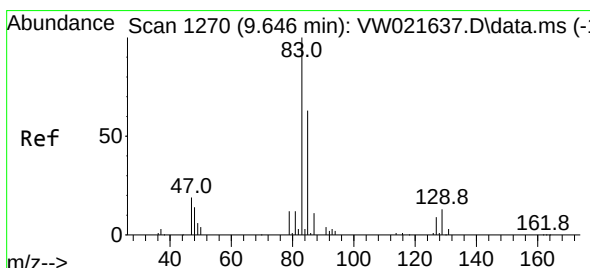
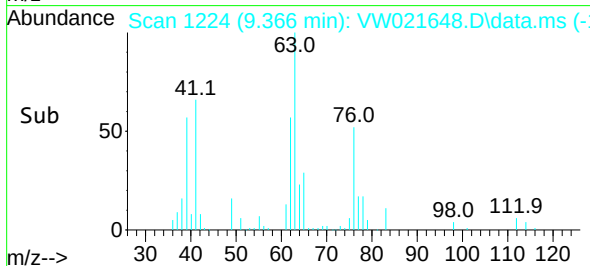
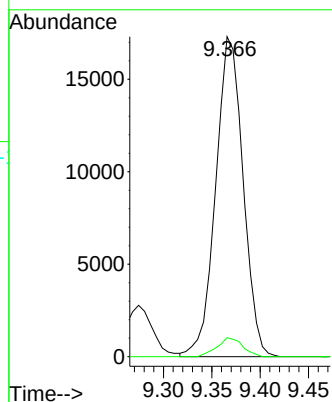
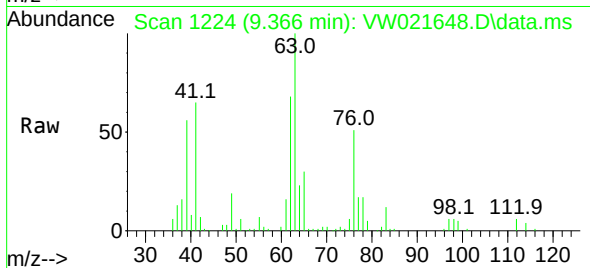
GBC20REMS

Tgt Ion: 63 Resp: 34085

Ion Ratio Lower Upper

63 100

112 5.5 3.2 4.8#



#38

Bromodichloromethane

Concen: 34.247 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

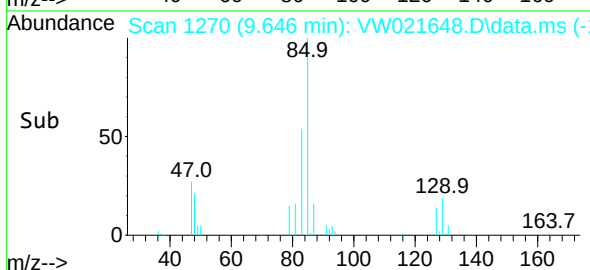
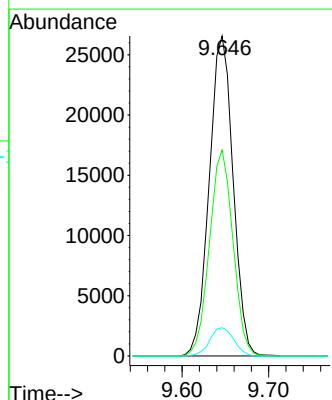
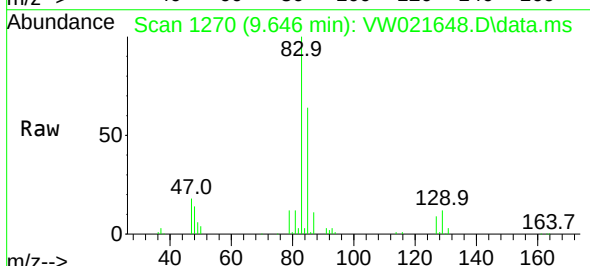
Tgt Ion: 83 Resp: 50812

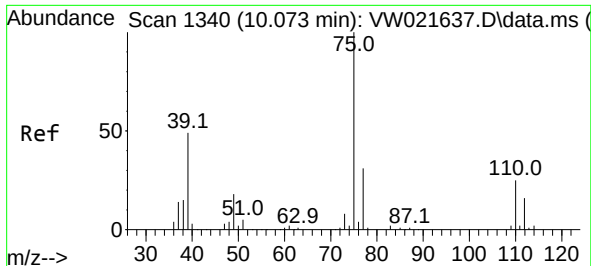
Ion Ratio Lower Upper

83 100

85 64.4 44.1 81.9

127 8.9 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 31.057 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

Instrument :

MSVOA_W

ClientSampleId :

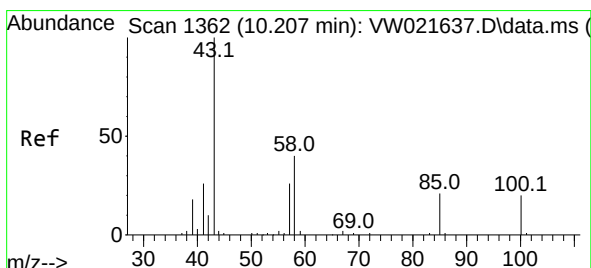
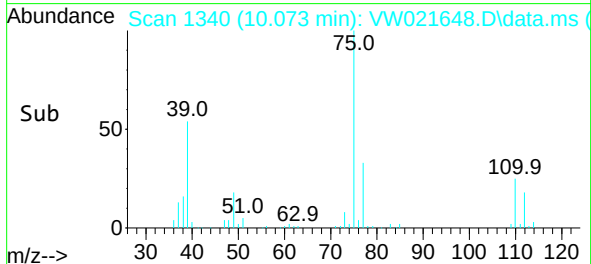
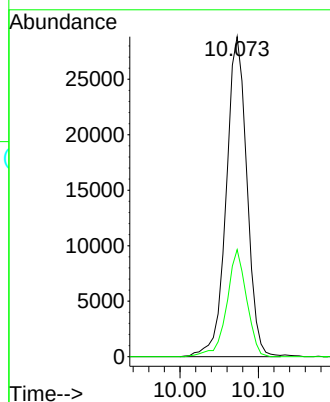
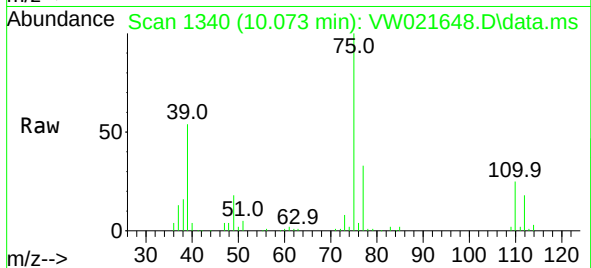
GBC20REMS

Tgt Ion: 75 Resp: 52828

Ion Ratio Lower Upper

75 100

77 33.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 75.203 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

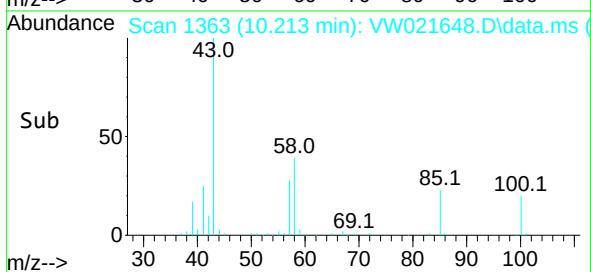
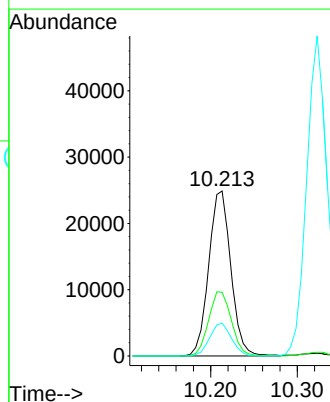
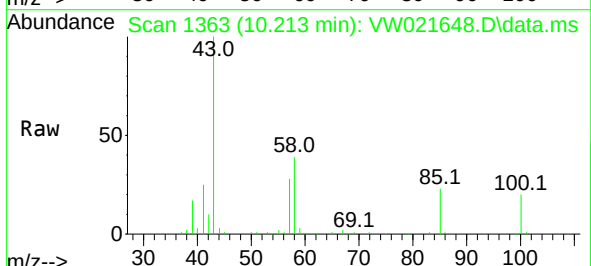
Tgt Ion: 43 Resp: 44217

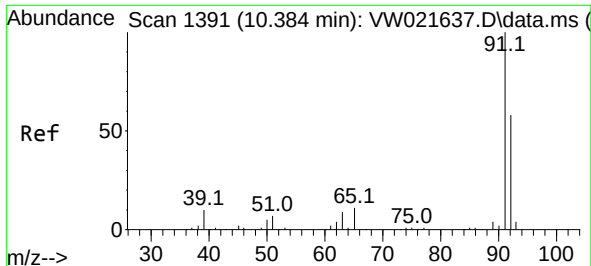
Ion Ratio Lower Upper

43 100

58 40.0 28.8 43.2

100 19.5 10.0 15.0#

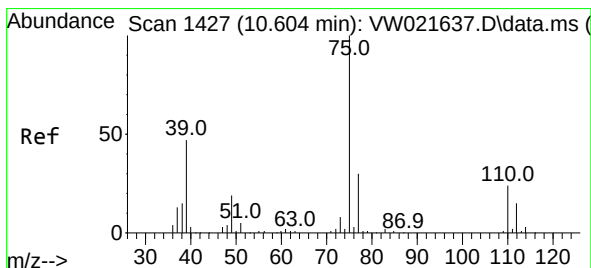
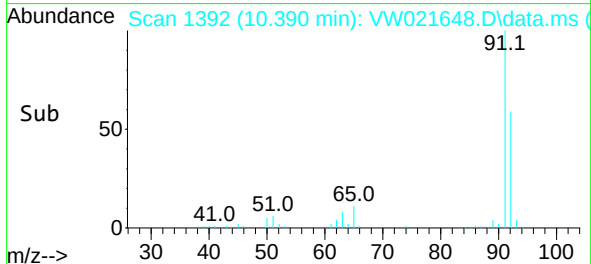
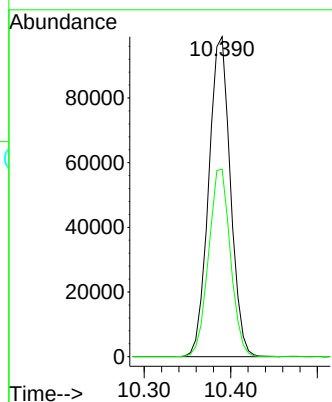
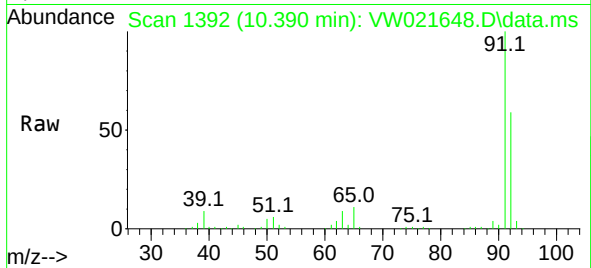




#42
Toluene
Concen: 30.431 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

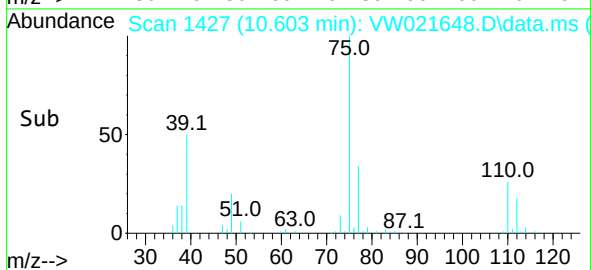
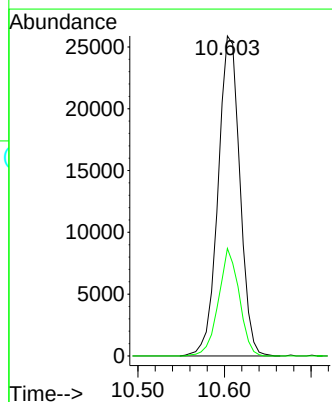
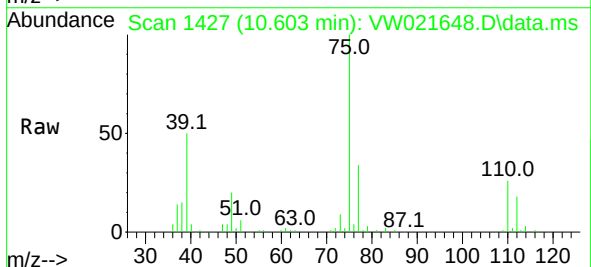
Instrument :
MSVOA_W
ClientSampleId :
GBC20REMS

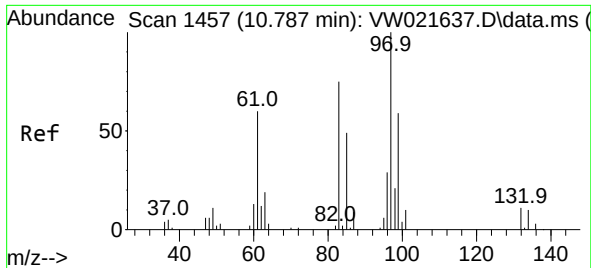
Tgt Ion: 91 Resp: 172179
Ion Ratio Lower Upper
91 100
92 58.6 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 30.365 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

Tgt Ion: 75 Resp: 45241
Ion Ratio Lower Upper
75 100
77 33.6 22.2 41.2

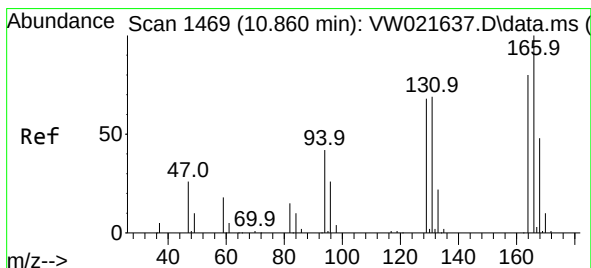
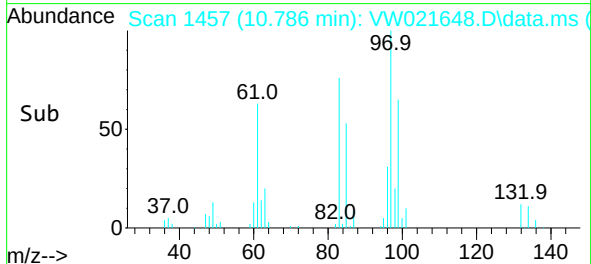
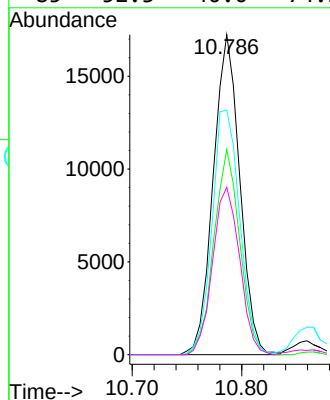
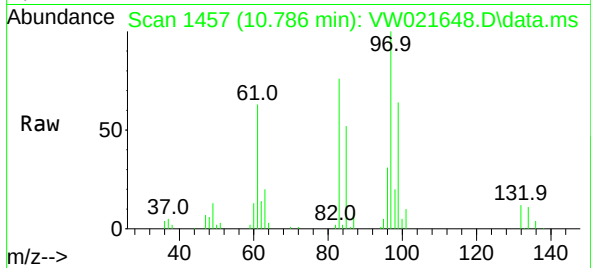




#45
1,1,2-Trichloroethane
Concen: 32.818 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

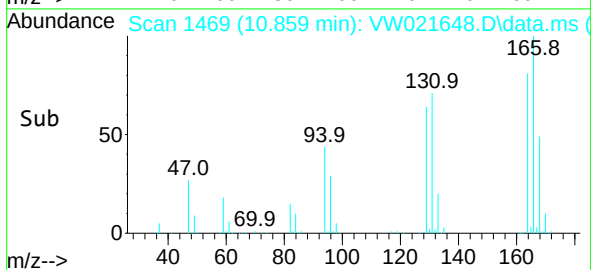
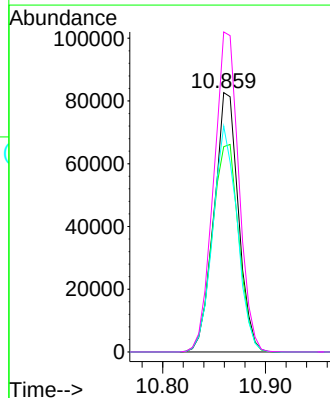
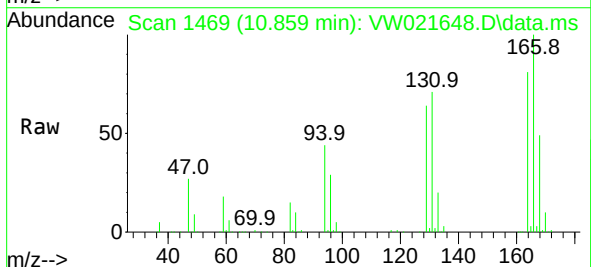
Instrument :
MSVOA_W
ClientSampleId :
GBC20REMS

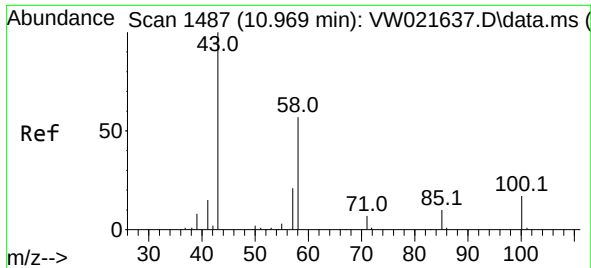
Tgt Ion: 97	Resp: 28985
Ion Ratio	Lower Upper
97 100	
99 64.1	43.0 79.8
83 76.4	62.6 116.3
85 52.3	40.0 74.2



#46
Tetrachloroethene
Concen: 105.810 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

Tgt	Ion:164	Resp:	136502
Ion	Ratio	Lower	Upper
164	100		
129	79.2	65.5	121.7
131	87.1	59.7	110.9
166	123.3	88.7	164.7

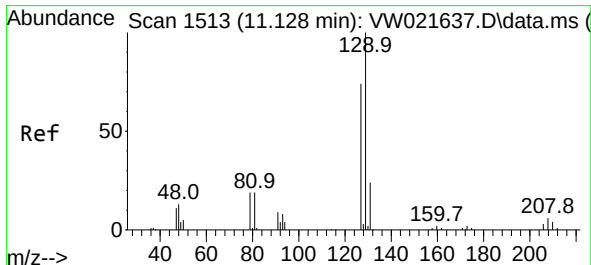
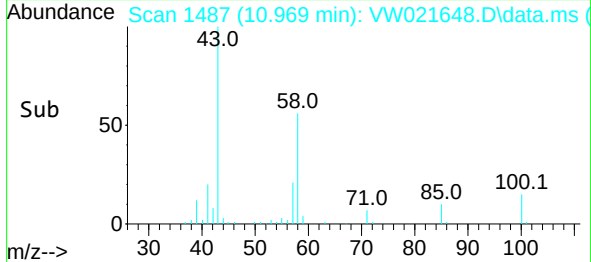
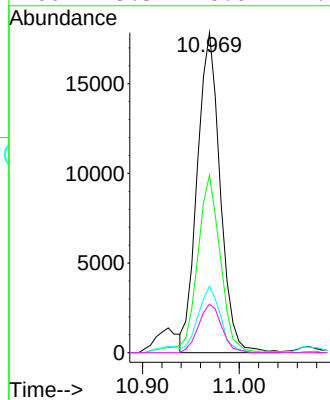
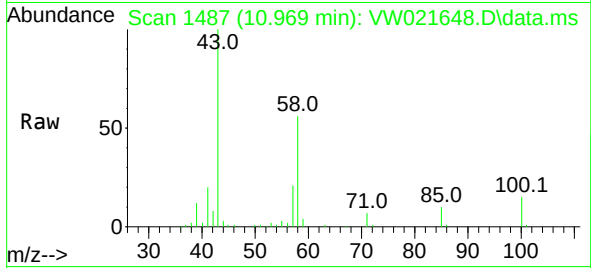




#48
2-Hexanone
Concen: 69.095 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

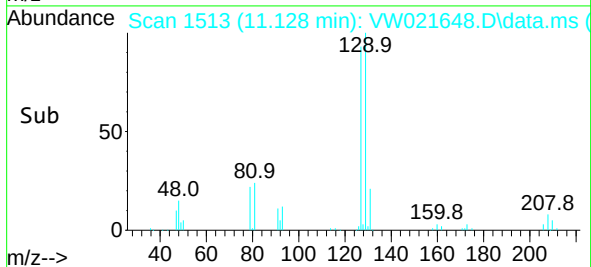
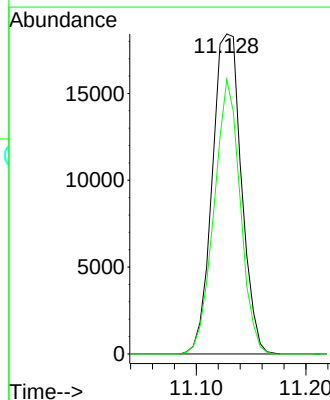
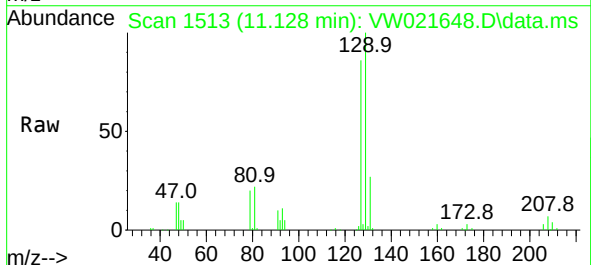
Instrument :
MSVOA_W
ClientSampleId :
GBC20REMS

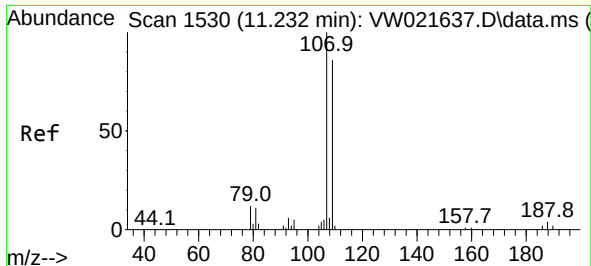
Tgt Ion: 43	Resp: 29461
Ion Ratio	Lower Upper
43	100
58	55.7 40.2 60.2
57	20.3 14.3 21.5
100	15.3 8.0 12.0



#49
Dibromochloromethane
Concen: 31.262 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

Tgt Ion: 129	Resp: 34038
Ion Ratio	Lower Upper
129	100
127	85.7 55.7 103.5





#50

1,2-Dibromoethane

Concen: 31.749 ug/L

RT: 11.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

Instrument :

MSVOA_W

ClientSampleId :

GBC20REMS

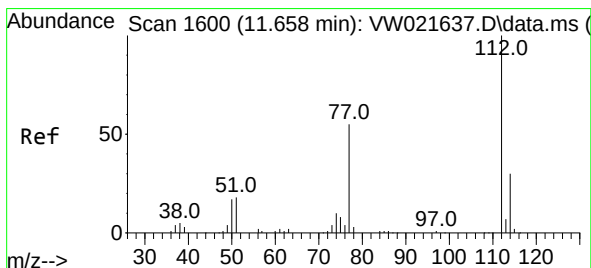
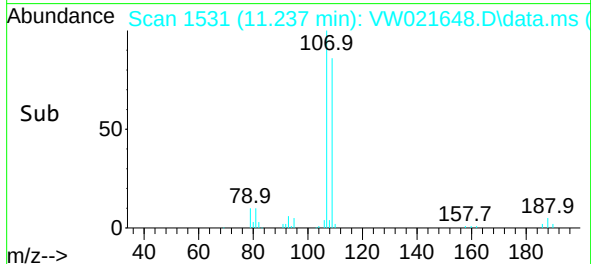
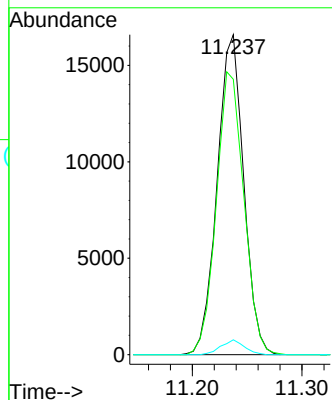
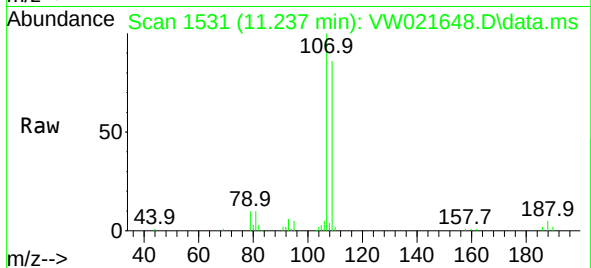
Tgt Ion:107 Resp: 27906

Ion Ratio Lower Upper

107 100

109 86.1 64.1 119.1

188 4.6 2.6 3.8#



#51

Chlorobenzene

Concen: 20.316 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

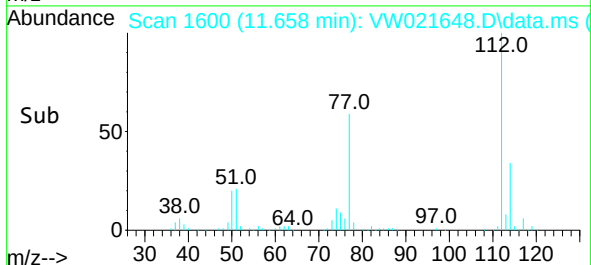
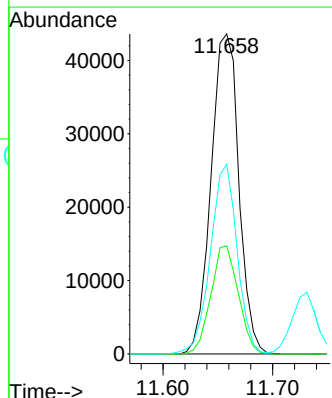
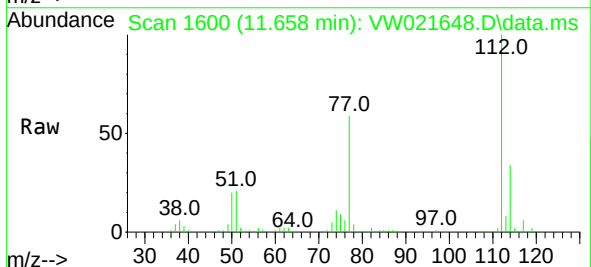
Tgt Ion:112 Resp: 76957

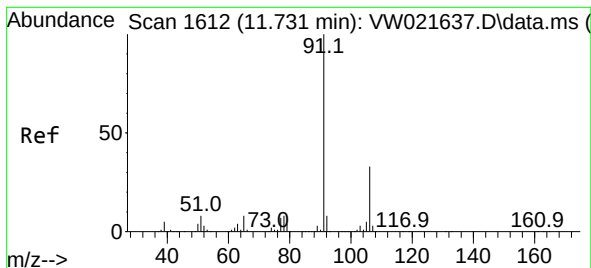
Ion Ratio Lower Upper

112 100

114 33.8 22.4 41.6

77 59.3 50.2 75.4

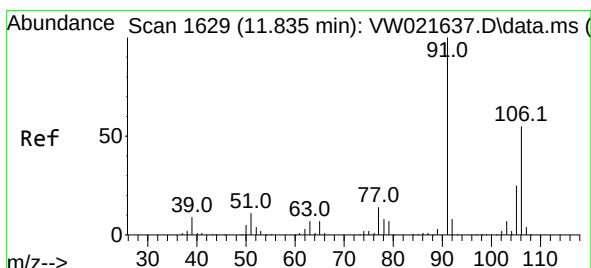
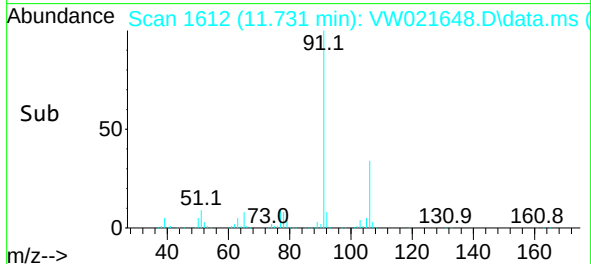
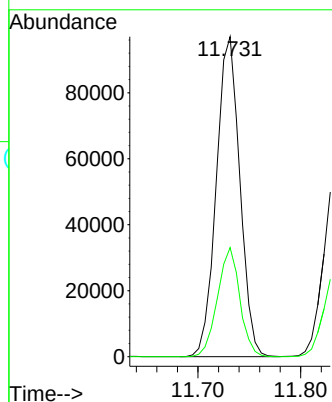
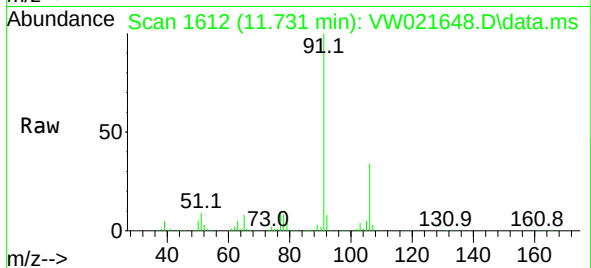




#52
Ethylbenzene
Concen: 23.828 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

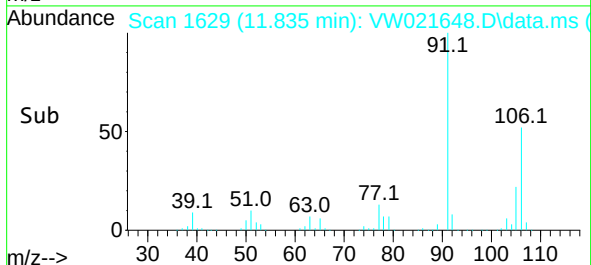
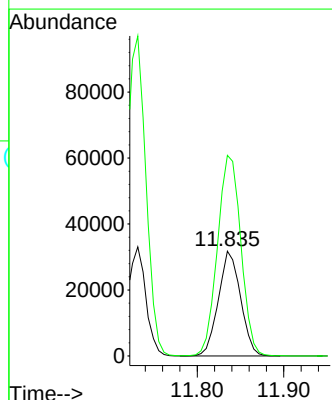
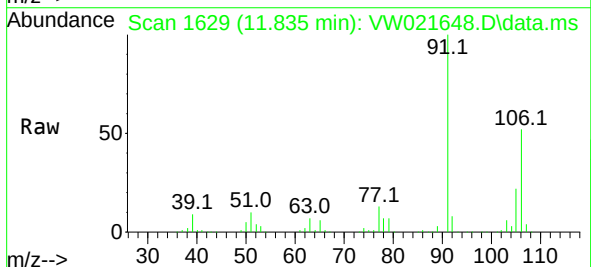
Instrument :
MSVOA_W
ClientSampleId :
GBC20REMS

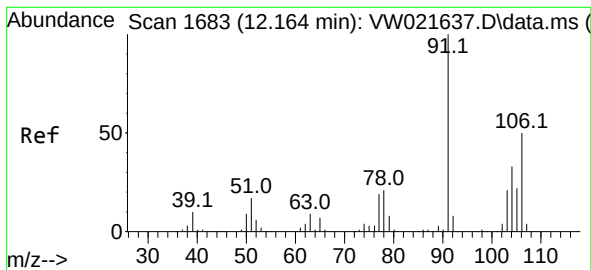
Tgt Ion: 91 Resp: 154064
Ion Ratio Lower Upper
91 100
106 34.1 21.5 39.9



#53
m,p-Xylene
Concen: 21.640 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

Tgt Ion:106 Resp: 56444
Ion Ratio Lower Upper
106 100
91 191.6 149.9 278.3





#54

o-Xylene

Concen: 22.291 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

Instrument :

MSVOA_W

ClientSampleId :

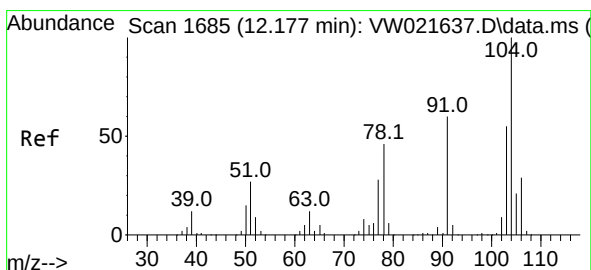
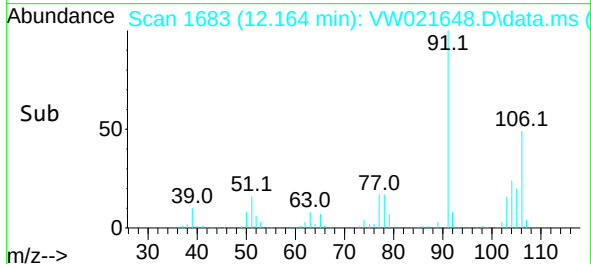
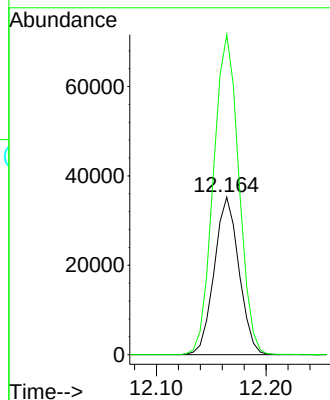
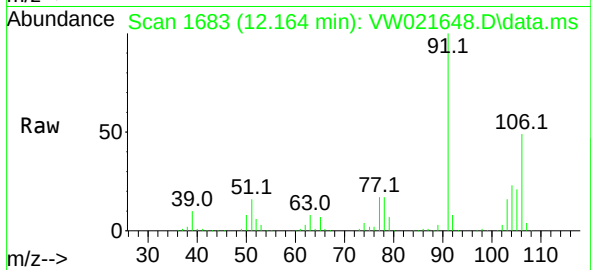
GBC20REMS

Tgt Ion:106 Resp: 55178

Ion Ratio Lower Upper

106 100

91 203.2 153.6 285.3



#55

Styrene

Concen: 15.335 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW021648.D

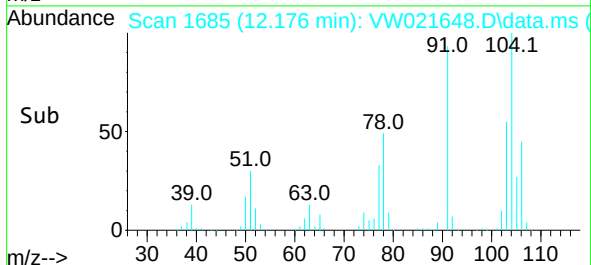
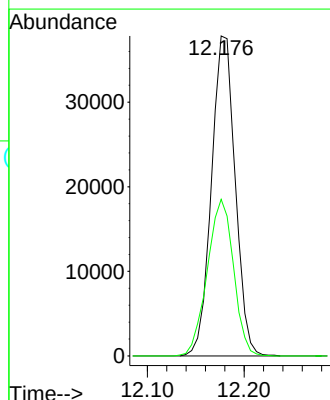
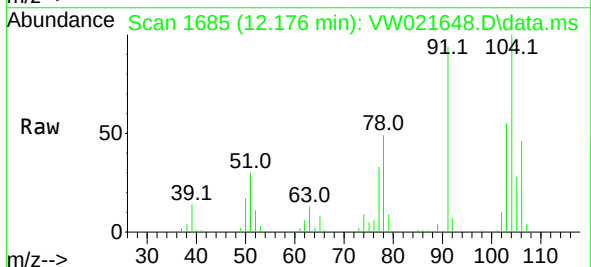
Acq: 25 Dec 2021 16:09

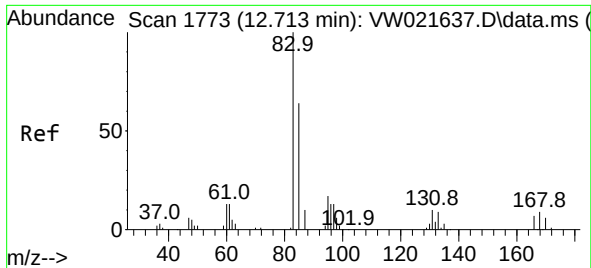
Tgt Ion:104 Resp: 64603

Ion Ratio Lower Upper

104 100

78 49.0 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 29.061 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

Instrument :

MSVOA_W

ClientSampleId :

GBC20REMS

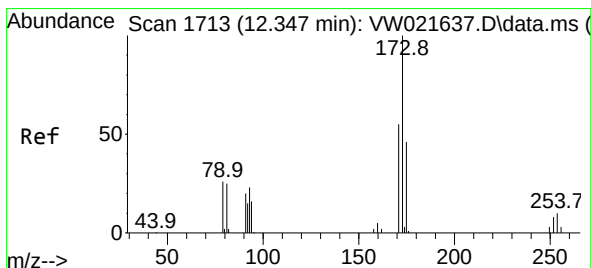
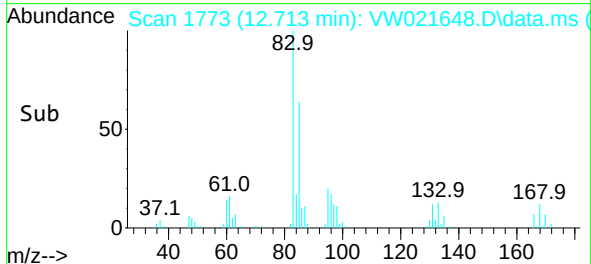
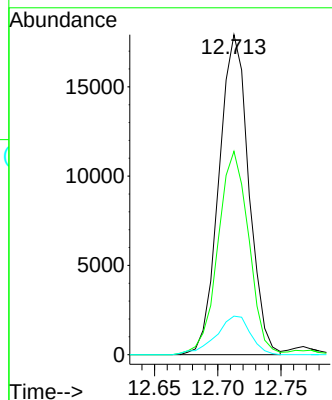
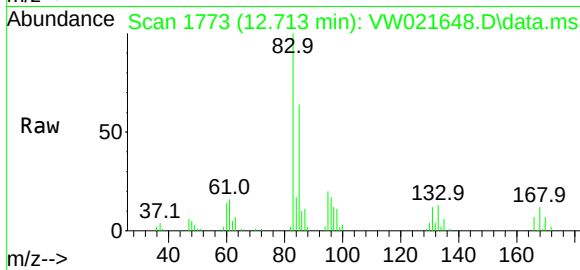
Tgt Ion: 83 Resp: 29423

Ion Ratio Lower Upper

83 100

85 63.5 44.0 81.6

131 12.0 6.9 10.3#



#59

Bromoform

Concen: 55.834 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

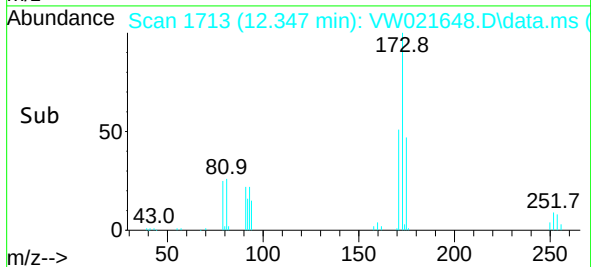
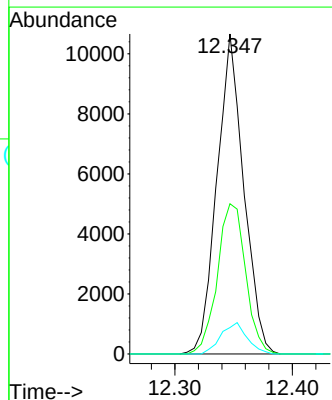
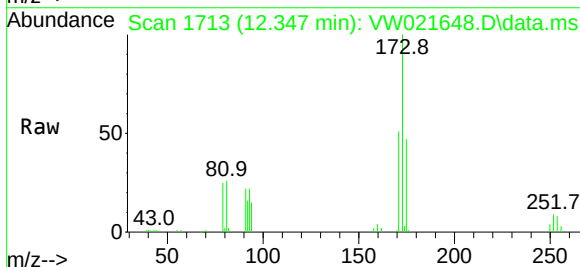
Tgt Ion:173 Resp: 16853

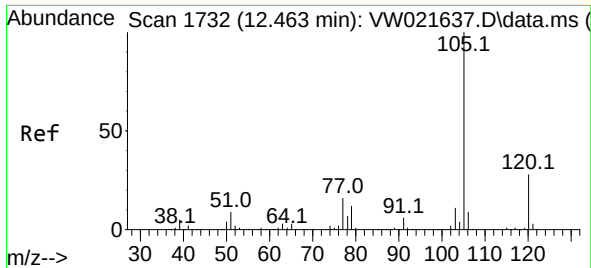
Ion Ratio Lower Upper

173 100

175 49.6 39.6 59.4

254 9.6 7.4 11.0

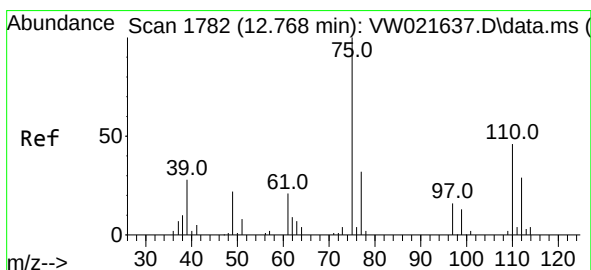
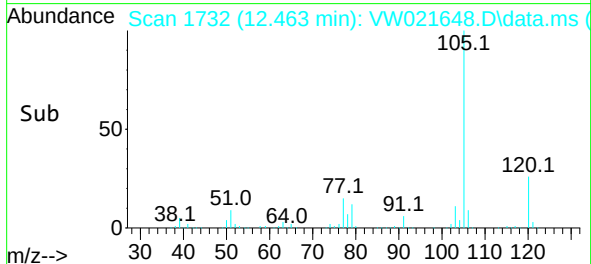
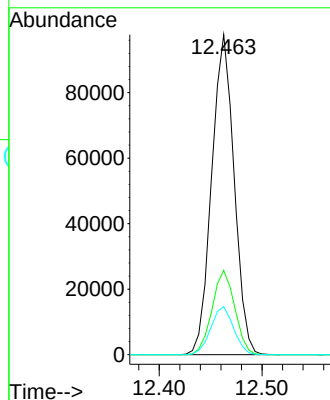
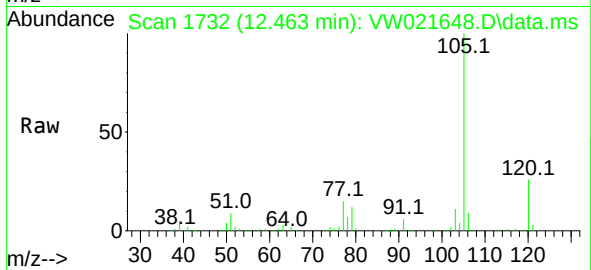




#60
Isopropylbenzene
Concen: 42.906 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

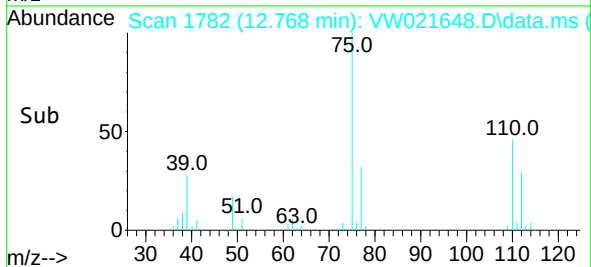
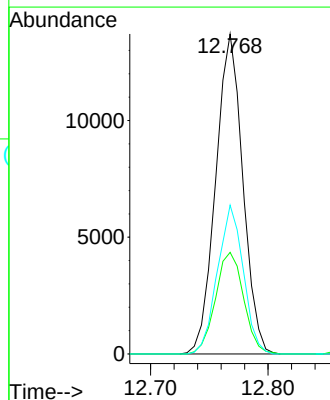
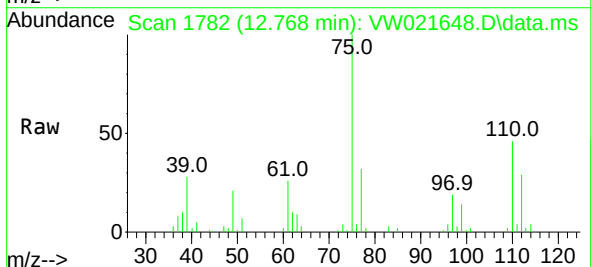
Instrument :
MSVOA_W
ClientSampleId :
GBC20REMS

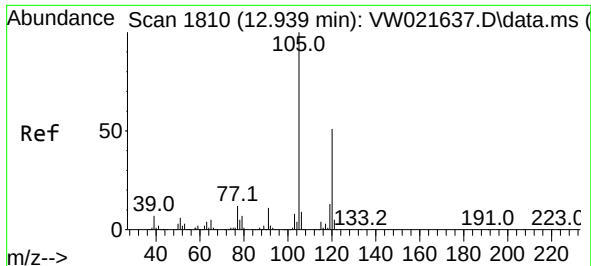
Tgt Ion:105 Resp: 147898
Ion Ratio Lower Upper
105 100
120 26.6 20.1 30.1
77 15.3 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 59.556 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

Tgt Ion: 75 Resp: 21988
Ion Ratio Lower Upper
75 100
77 33.0 25.8 38.8
110 44.2 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 34.525 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

Instrument :

MSVOA_W

ClientSampleId :

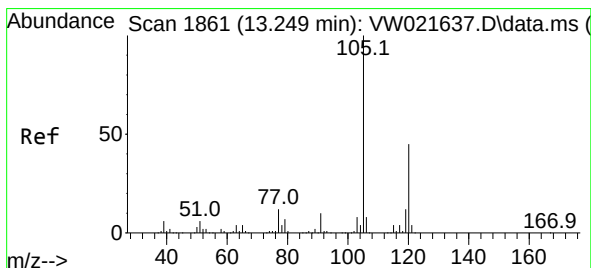
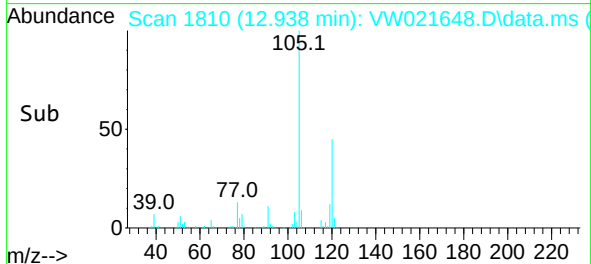
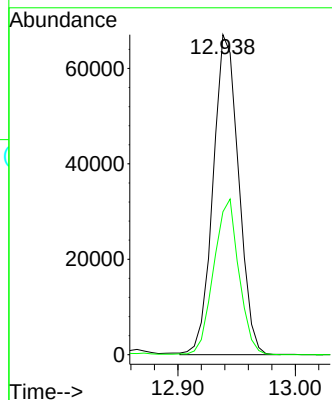
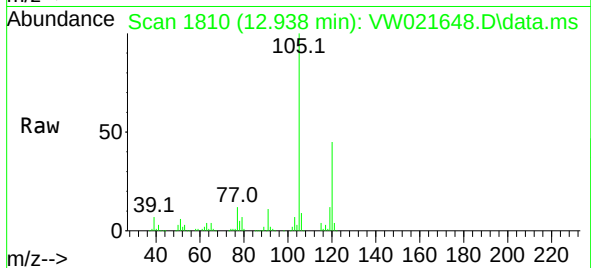
GBC20REMS

Tgt Ion:105 Resp: 101269

Ion Ratio Lower Upper

105 100

120 47.8 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 30.339 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021648.D

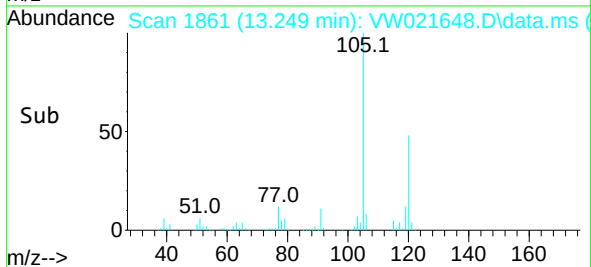
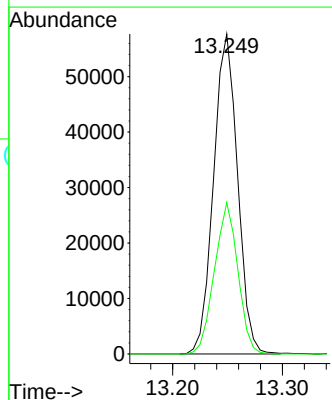
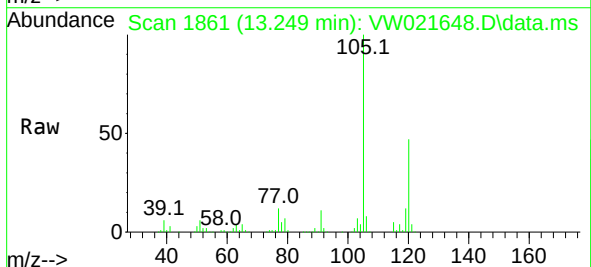
Acq: 25 Dec 2021 16:09

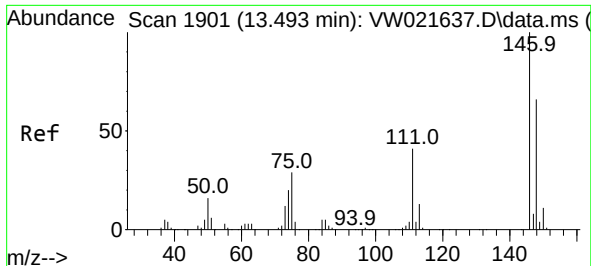
Tgt Ion:105 Resp: 87788

Ion Ratio Lower Upper

105 100

120 46.0 35.0 52.6

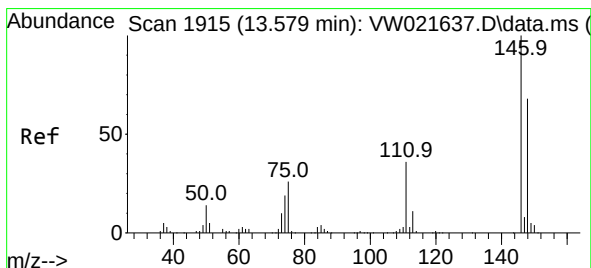
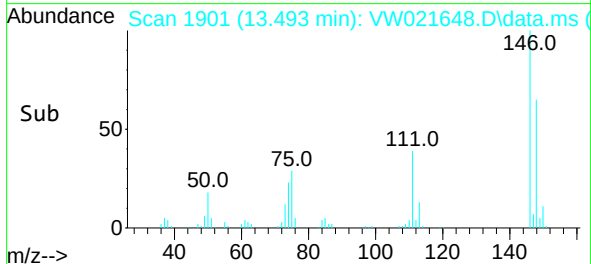
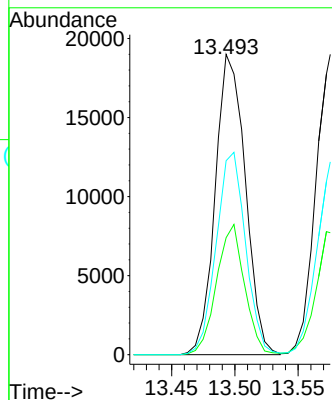
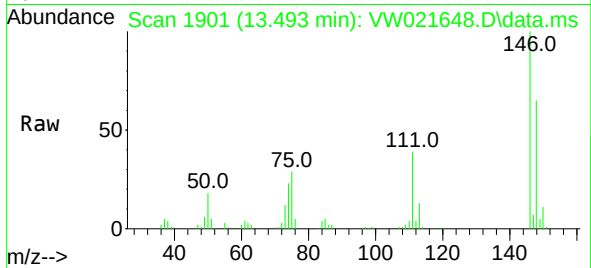




#64
1,3-Dichlorobenzene
Concen: 19.319 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

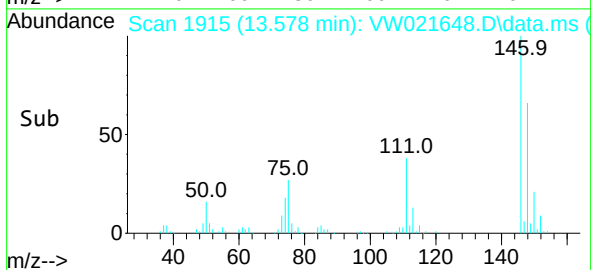
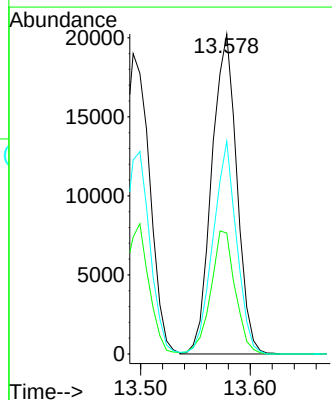
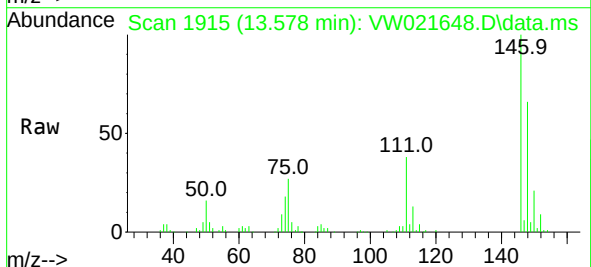
Instrument :
MSVOA_W
ClientSampleId :
GBC20REMS

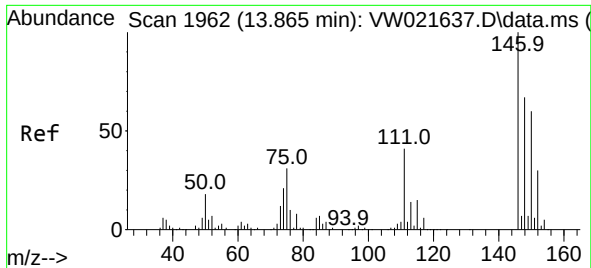
Tgt Ion:146 Resp: 31411
Ion Ratio Lower Upper
146 100
111 39.0 29.8 55.3
148 64.6 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 19.925 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021648.D
Acq: 25 Dec 2021 16:09

Tgt Ion:146 Resp: 32187
Ion Ratio Lower Upper
146 100
111 37.8 29.0 53.9
148 66.4 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 20.154 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

Instrument :

MSVOA_W

ClientSampleId :

GBC20REMS

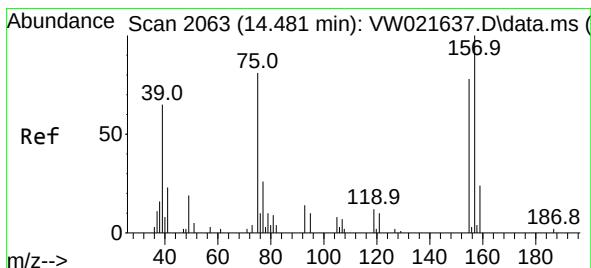
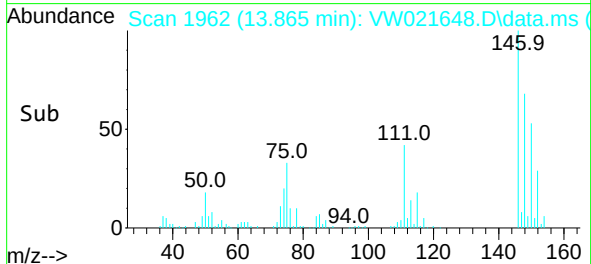
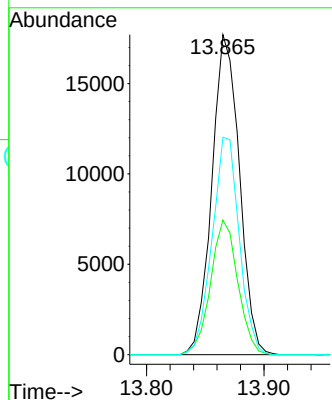
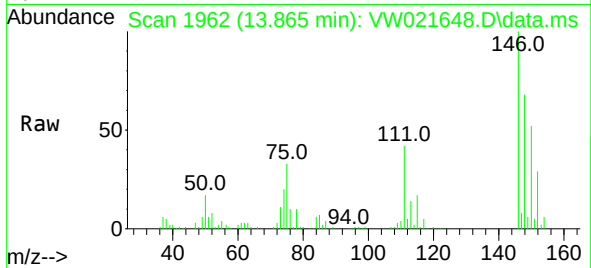
Tgt Ion:146 Resp: 28848

Ion Ratio Lower Upper

146 100

111 42.0 33.1 49.7

148 67.9 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 44.975 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

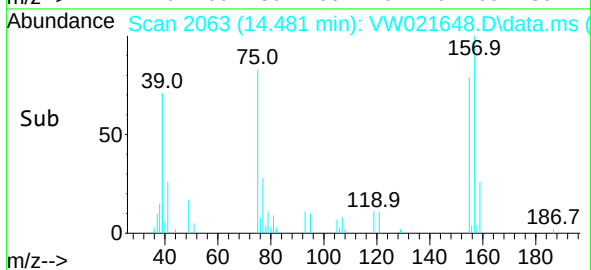
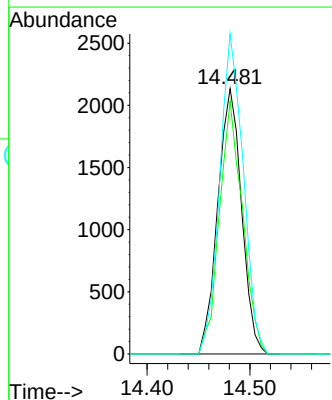
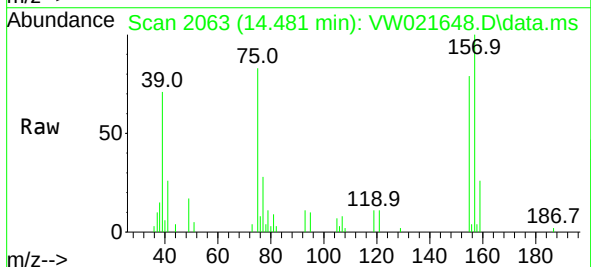
Tgt Ion: 75 Resp: 3425

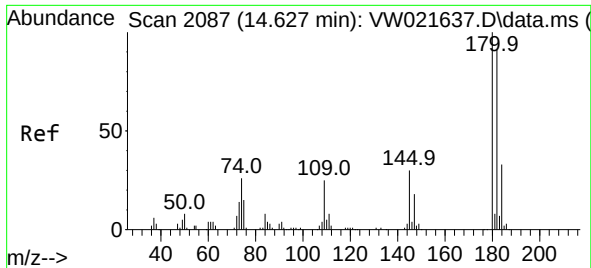
Ion Ratio Lower Upper

75 100

155 95.3 54.2 81.2#

157 120.6 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 12.117 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW021648.D

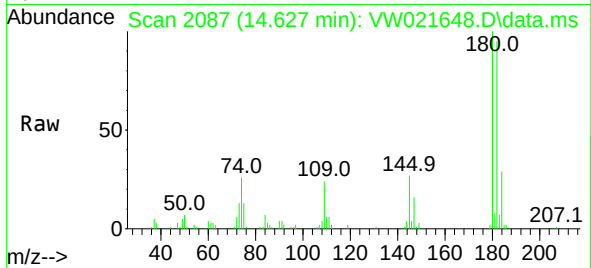
Acq: 25 Dec 2021 16:09

Instrument :

MSVOA_W

ClientSampleId :

GBC20REMS



Tgt Ion:180 Resp: 14725

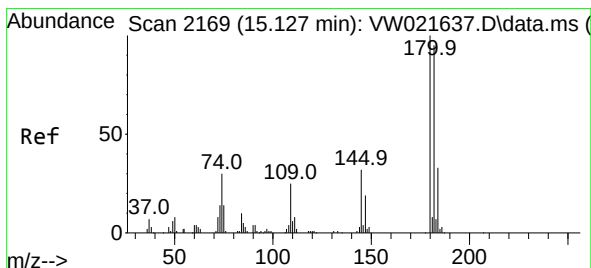
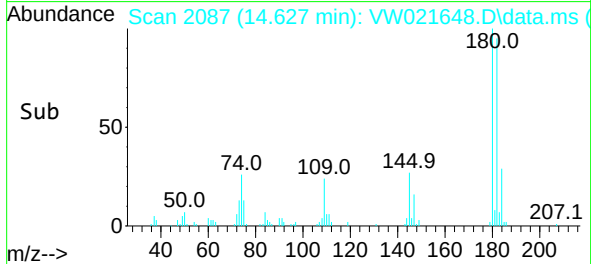
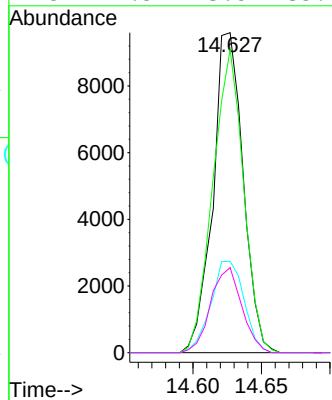
Ion Ratio Lower Upper

180 100

182 96.0 75.4 113.0

184 31.3 23.8 35.8

145 27.5 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 7.533 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

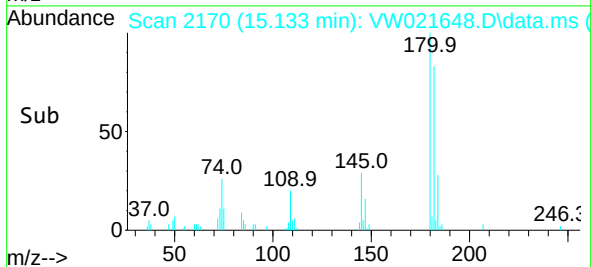
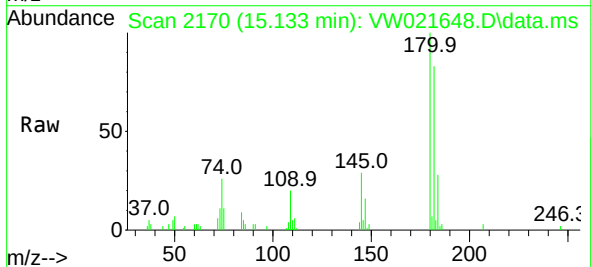
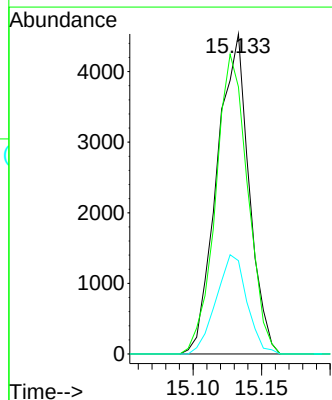
Tgt Ion:180 Resp: 7363

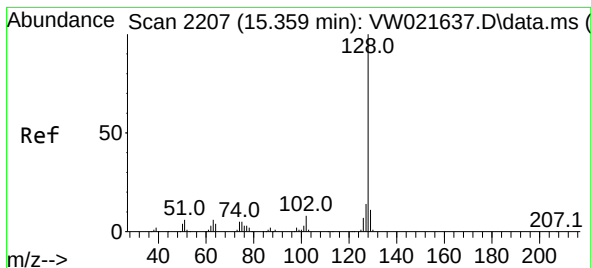
Ion Ratio Lower Upper

180 100

182 94.0 79.0 118.6

145 29.9 26.0 39.0





#71

Naphthalene

Concen: 6.436 ug/L

RT: 15.365 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

Instrument :

MSVOA_W

ClientSampleId :

GBC20REMS

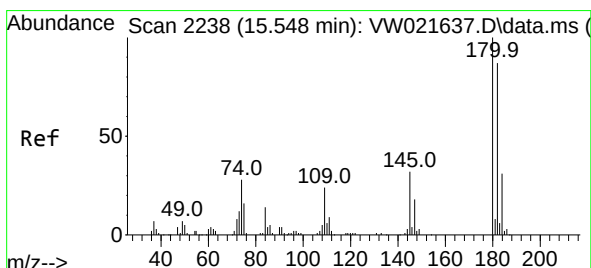
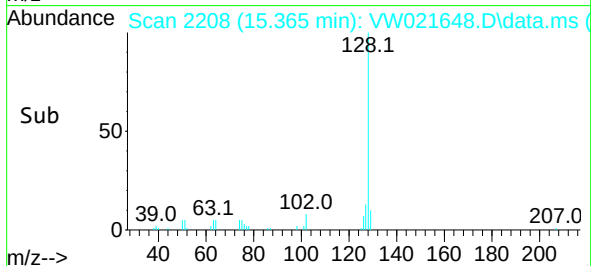
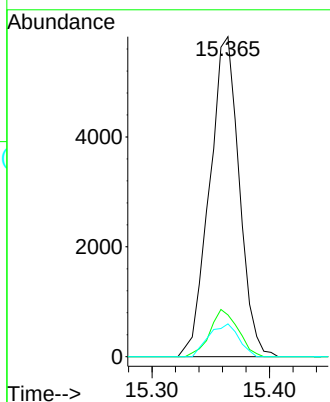
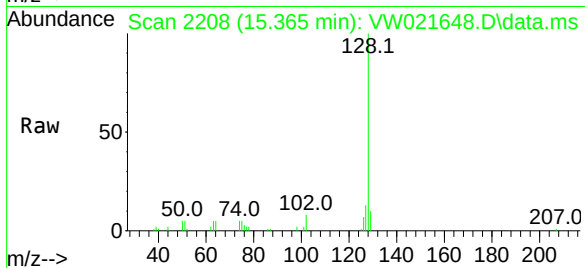
Tgt Ion:128 Resp: 10220

Ion Ratio Lower Upper

128 100

127 14.0 10.7 16.1

129 10.3 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 7.431 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW021648.D

Acq: 25 Dec 2021 16:09

Tgt Ion:180 Resp: 6003

Ion Ratio Lower Upper

180 100

182 93.9 76.6 114.8

145 31.2 27.4 41.0

