

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012022\
 Data File : VW024412.D
 Acq On : 20 Jan 2022 13:09
 Operator : SY/MD
 Sample : N1191-02MS 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCM0MS

Quant Time: Jan 21 00:05:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 21 00:04:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	224195	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	214663	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	117751	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	84977	52.666	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 105.340%	
7) Chloroethane-d5	1.568	69	64435	52.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 105.140%	
11) 1,1-Dichloroethene-d2	2.111	63	147771	49.003	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 98.000%	
21) 2-Butanone-d5	3.886	46	97953	108.963	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 108.960%	
24) Chloroform-d	4.349	84	158743	53.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.660%	
26) 1,2-Dichloroethane-d4	5.031	65	105611	53.491	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.980%	
32) Benzene-d6	5.050	84	306426	54.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.400%	
36) 1,2-Dichloropropane-d6	6.069	67	86693	55.221	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 110.440%	
41) Toluene-d8	7.314	98	299686	55.254	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 110.500%	
43) trans-1,3-Dichloroprop...	7.619	79	48074	53.179	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 106.360%	
47) 2-Hexanone-d5	8.085	63	72117	105.733	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 105.730%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	116211	51.798	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 103.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	126039	53.701	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	67821	37.497	ug/L	99
3) Chloromethane	1.243	50	56960	37.484	ug/L	96
5) Vinyl chloride	1.314	62	56223	34.967	ug/L	99
6) Bromomethane	1.523	94	36831	40.199	ug/L	98
8) Chloroethane	1.587	64	32918	33.169	ug/L	97
9) Trichlorofluoromethane	1.754	101	95398	33.008	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	47928	33.932	ug/L	100
12) 1,1-Dichloroethene	2.121	96	45709	33.471	ug/L #	67
13) Acetone	2.175	43	46450	52.334	ug/L	98
14) Carbon disulfide	2.298	76	128892	32.506	ug/L	100
15) Methyl Acetate	2.433	43	42808	33.161	ug/L	99
16) Methylene chloride	2.510	84	53008	35.644	ug/L	96
17) trans-1,2-Dichloroethene	2.764	96	46694	33.182	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	143513	33.090	ug/L	100
19) 1,1-Dichloroethane	3.192	63	78774	33.750	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	50584	33.658	ug/L	100
22) 2-Butanone	3.973	43	57686	61.185	ug/L	93
23) Bromochloromethane	4.249	128	28838	33.302	ug/L	95
25) Chloroform	4.375	83	90042	32.995	ug/L	98

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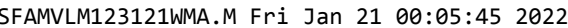
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 ClientSampleId :
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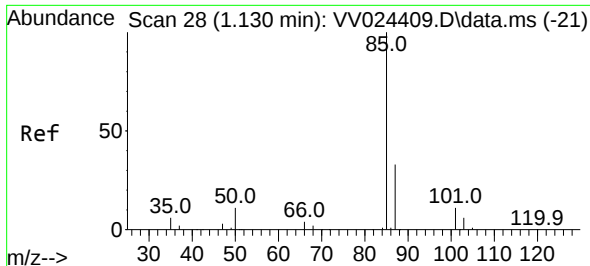
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	71059	32.014	ug/L	100
29) Cyclohexane	4.677	56	65557	34.164	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	84745	32.085	ug/L	99
31) Carbon tetrachloride	4.828	117	78208	31.917	ug/L	100
33) Benzene	5.101	78	186989	34.258	ug/L	100
34) Trichloroethene	5.915	95	51508	34.220	ug/L	98
35) Methylcyclohexane	6.130	83	75681	33.902	ug/L	100
37) 1,2-Dichloropropane	6.172	63	42859	33.384	ug/L	98
38) Bromodichloromethane	6.510	83	66726	33.121	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	74306	34.431	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	113843	68.002	ug/L	100
42) Toluene	7.387	91	210423	34.343	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	74512	34.036	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	47428	32.953	ug/L	97
46) Tetrachloroethene	7.976	164	45501	33.212	ug/L	98
48) 2-Hexanone	8.137	43	89877	66.841	ug/L	98
49) Dibromochloromethane	8.246	129	57535	31.891	ug/L	98
50) 1,2-Dibromoethane	8.352	107	52620	34.039	ug/L	96
51) Chlorobenzene	8.879	112	138214	33.491	ug/L	99
52) Ethylbenzene	9.011	91	219459	33.527	ug/L	99
53) m,p-Xylene	9.137	106	86424	32.939	ug/L	97
54) o-Xylene	9.542	106	84413	33.703	ug/L	98
55) Styrene	9.561	104	145659	33.489	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	65864	31.340	ug/L	100
59) Bromoform	9.731	173	41523	30.925	ug/L	99
60) Isopropylbenzene	9.931	105	224095	34.393	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	55960	32.365	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	186705	33.312	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	188934	33.765	ug/L	98
64) 1,3-Dichlorobenzene	11.182	146	114130	33.971	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	114661	33.094	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	113465	32.770	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	15164	30.451	ug/L	91
69) 1,3,5-Trichlorobenzene	12.645	180	83246	32.214	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	70648	31.967	ug/L	99
71) Naphthalene	13.500	128	192261	30.069	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	71797	31.433	ug/L	100

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

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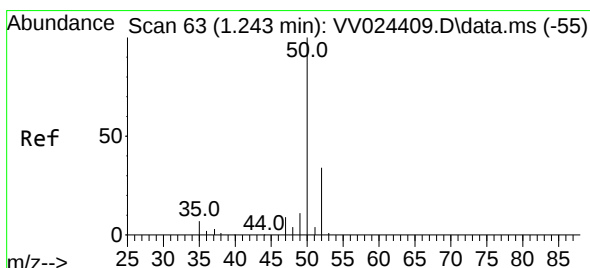
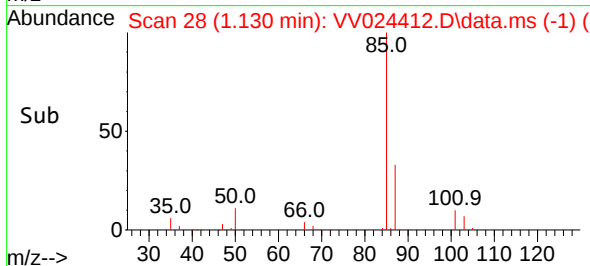
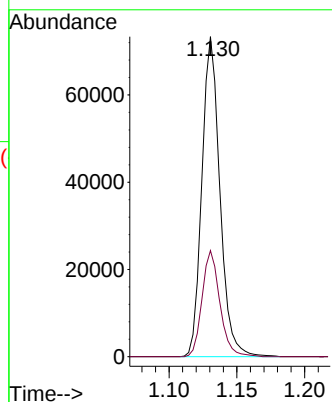
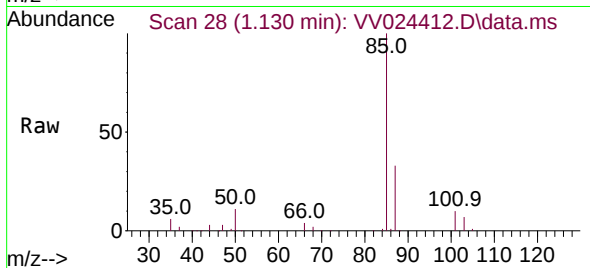




#2
 Dichlorodifluoromethane
 Concen: 37.497 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024412.D
 Acq: 20 Jan 2022 13:09

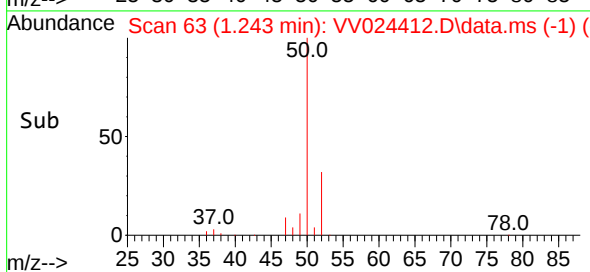
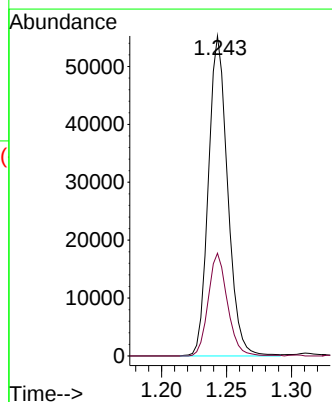
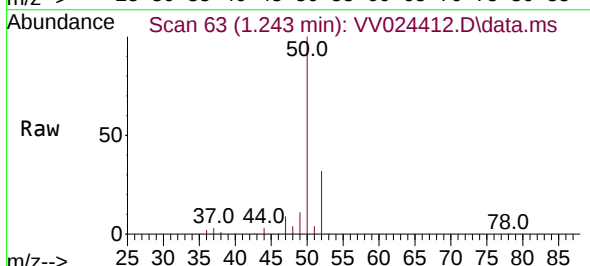
Instrument :
 MSVOA_V
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 GBCM0MS

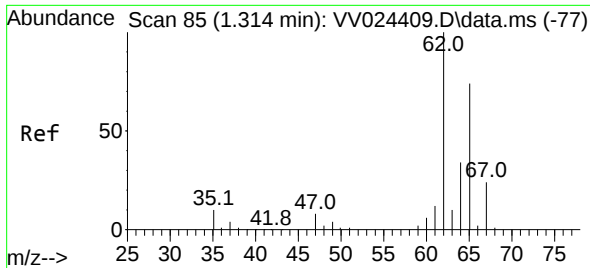
Tgt Ion: 85 Resp: 67821
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.8



#3
 Chloromethane
 Concen: 37.484 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024412.D
 Acq: 20 Jan 2022 13:09

Tgt Ion: 50 Resp: 56960
 Ion Ratio Lower Upper
 50 100
 52 32.1 24.1 44.7

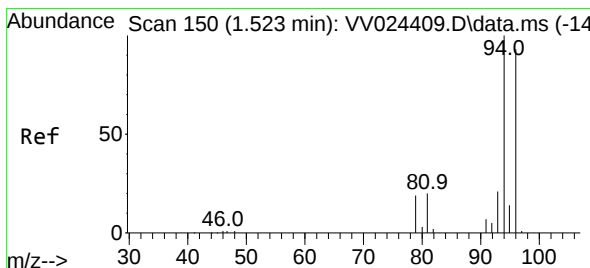
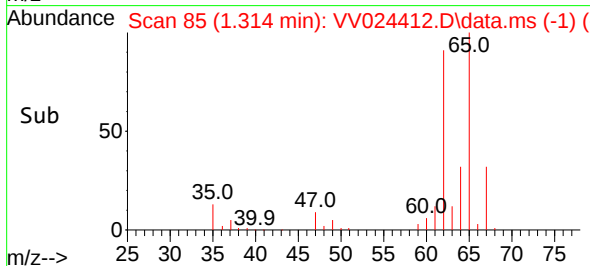
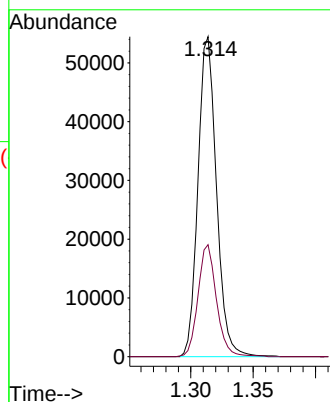
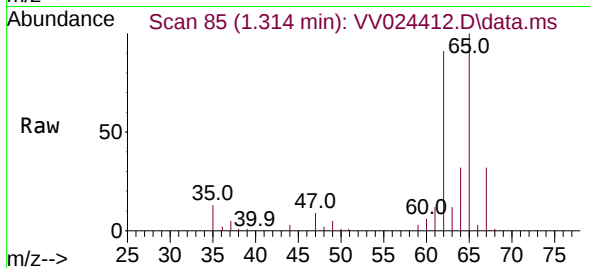




#5
 Vinyl chloride
 Concen: 34.967 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV024412.D
 Acq: 20 Jan 2022 13:09

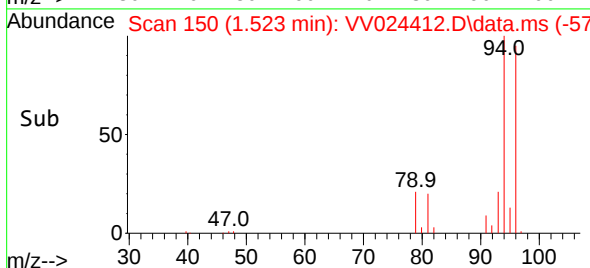
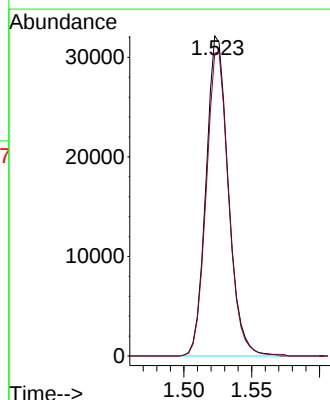
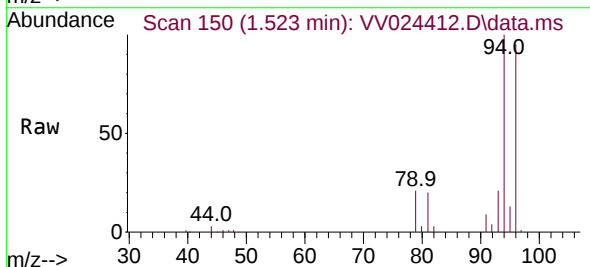
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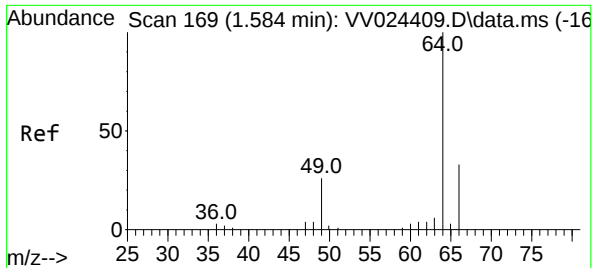
Tgt Ion: 62 Resp: 56223
 Ion Ratio Lower Upper
 62 100
 64 35.0 25.0 46.4



#6
 Bromomethane
 Concen: 40.199 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024412.D
 Acq: 20 Jan 2022 13:09

Tgt Ion: 94 Resp: 36831
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.0 120.6

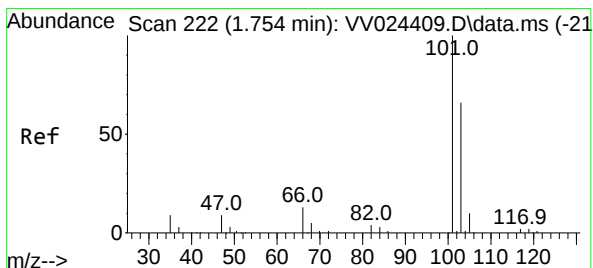
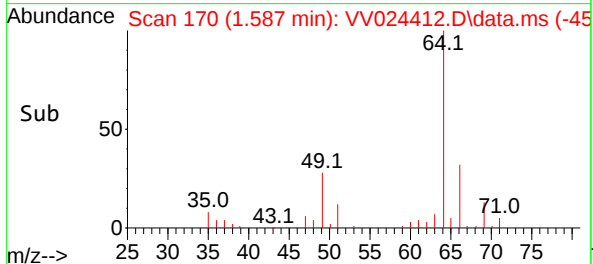
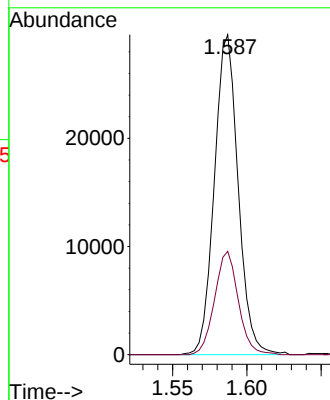
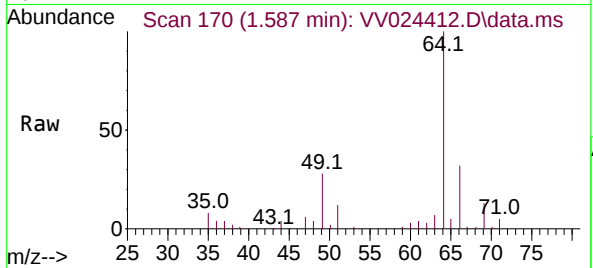




#8
Chloroethane
Concen: 33.169 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

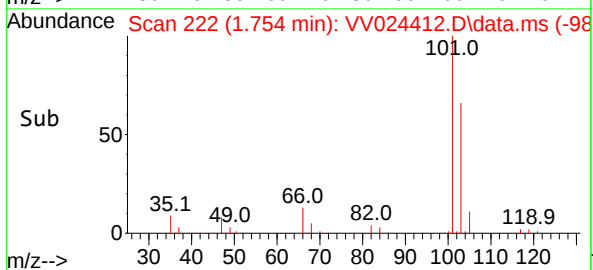
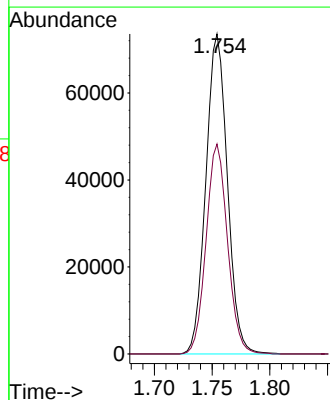
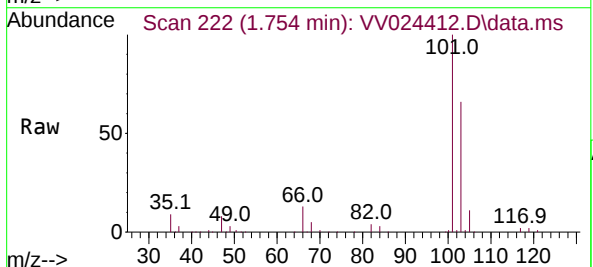
Instrument :
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ClientSampleId :
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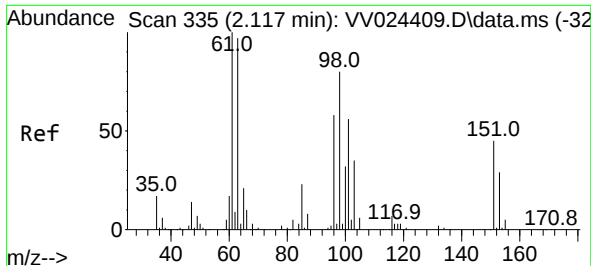
Tgt Ion: 64 Resp: 32918
Ion Ratio Lower Upper
64 100
66 32.3 21.4 39.8



#9
Trichlorofluoromethane
Concen: 33.008 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

Tgt Ion:101 Resp: 95398
Ion Ratio Lower Upper
101 100
103 65.2 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 33.932 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

Instrument :

MSVOA_V

ClientSampleId :

GBCM0MS

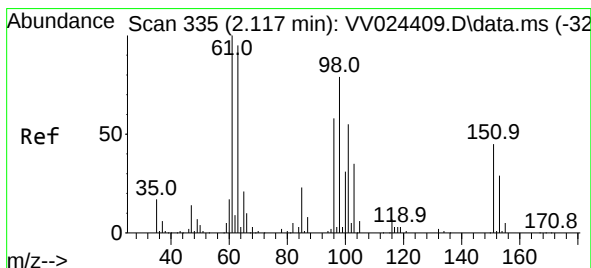
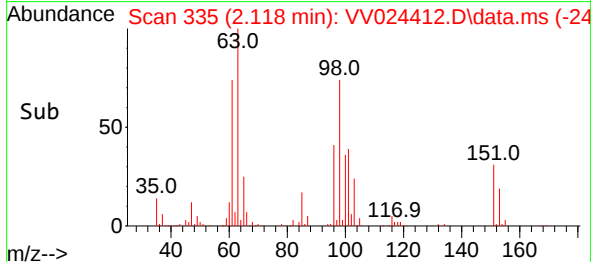
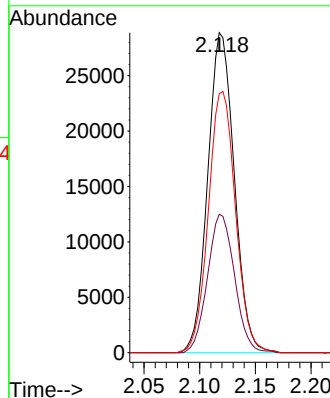
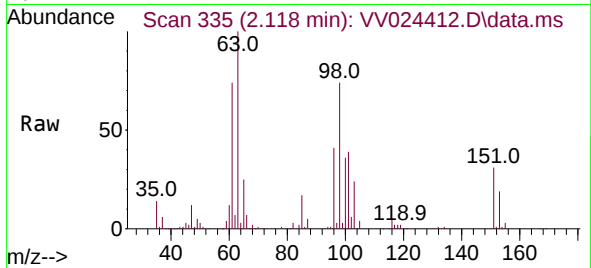
Tgt Ion:101 Resp: 47928

Ion Ratio Lower Upper

101 100

85 44.0 35.3 52.9

151 83.6 67.1 100.7



#12

1,1-Dichloroethene

Concen: 33.471 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

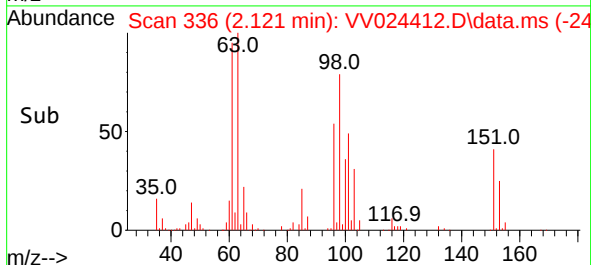
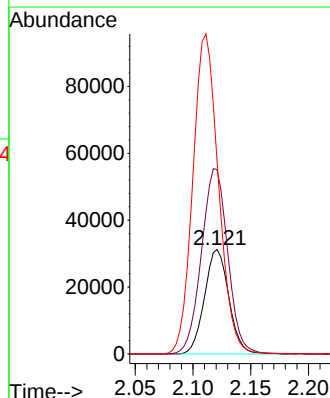
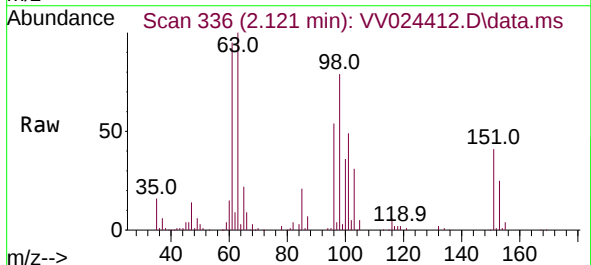
Tgt Ion: 96 Resp: 45709

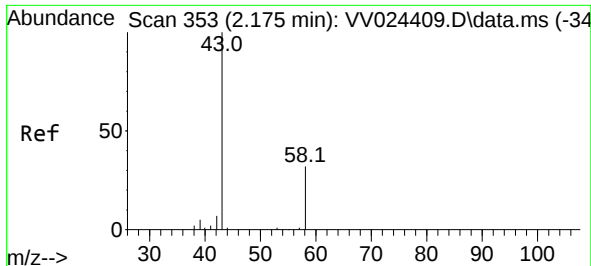
Ion Ratio Lower Upper

96 100

61 176.6 111.9 207.9

63 185.5 82.7 153.5#





#13

Acetone

Concen: 52.334 ug/L

RT: 2.175 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV024412.D

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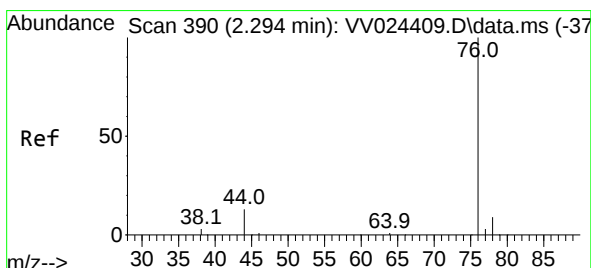
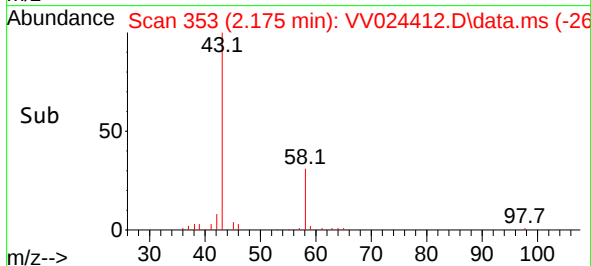
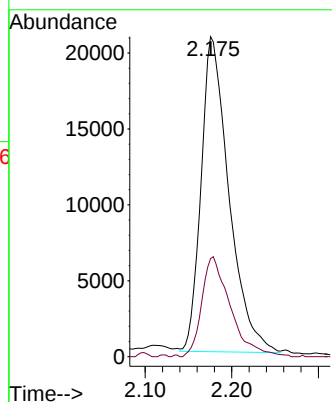
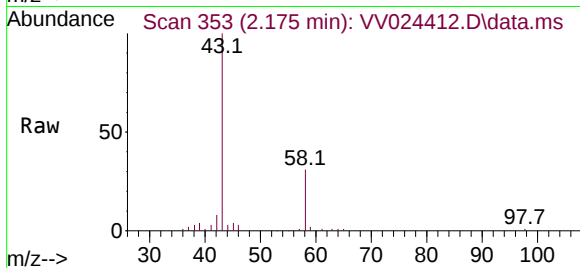
GBCM0MS

Tgt Ion: 43 Resp: 46450

Ion Ratio Lower Upper

43 100

58 32.5 0.0 63.0



#14

Carbon disulfide

Concen: 32.506 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV024412.D

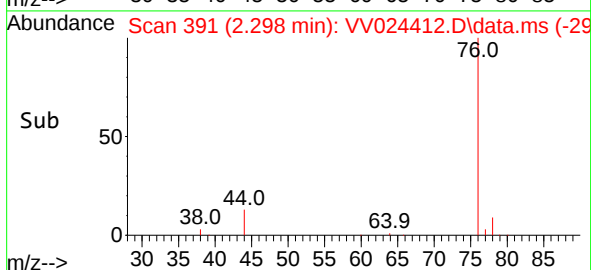
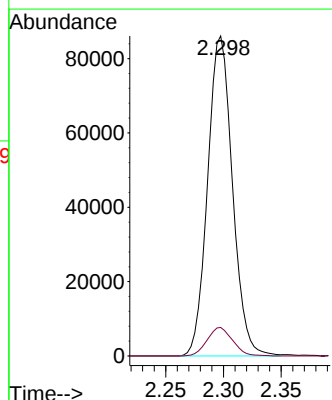
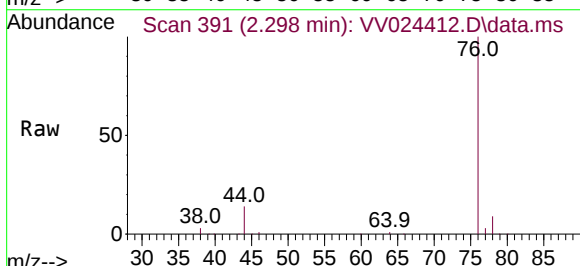
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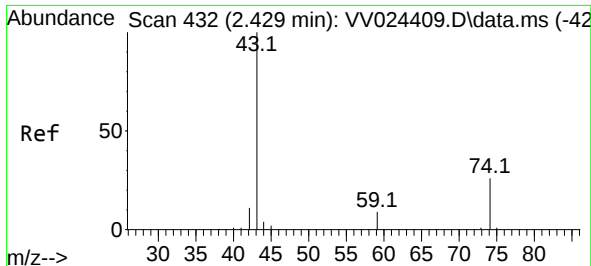
Tgt Ion: 76 Resp: 128892

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8

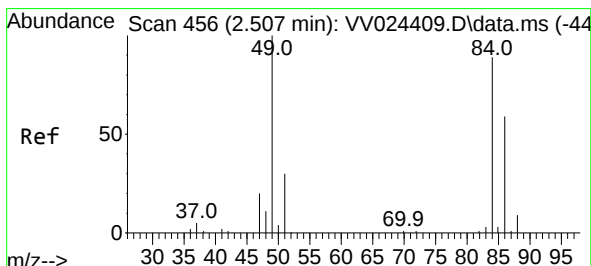
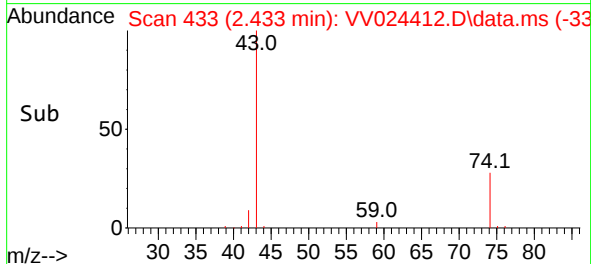
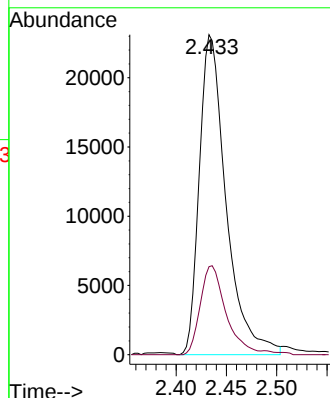
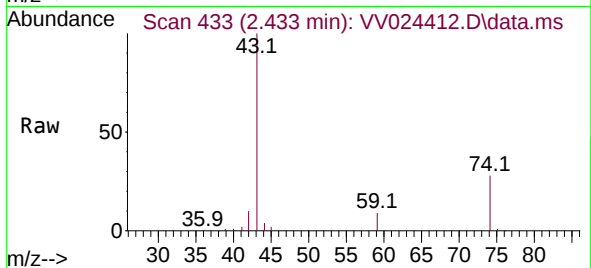




#15
Methyl Acetate
Concen: 33.161 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

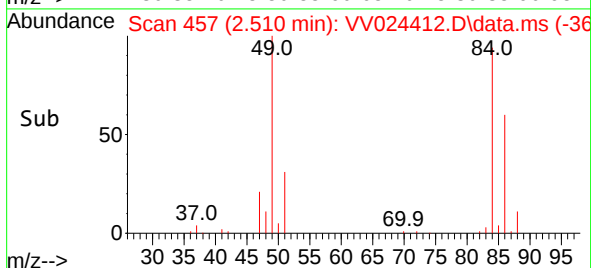
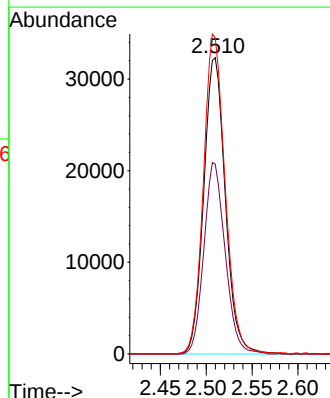
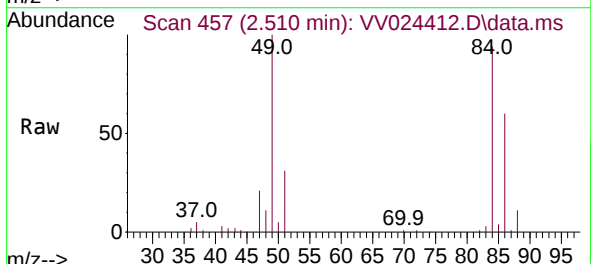
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

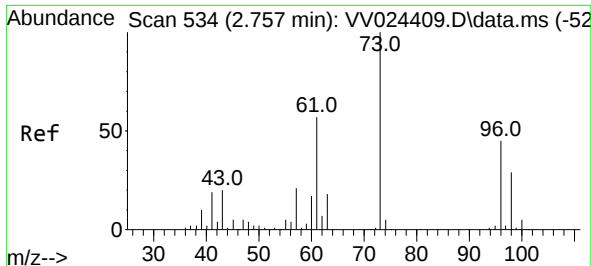
Tgt Ion: 43 Resp: 42808
Ion Ratio Lower Upper
43 100
74 26.5 21.8 32.8



#16
Methylene chloride
Concen: 35.644 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

Tgt Ion: 84 Resp: 53008
Ion Ratio Lower Upper
84 100
86 64.1 46.8 86.8
49 106.7 78.3 145.3

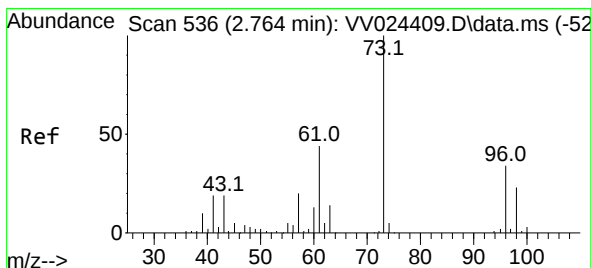
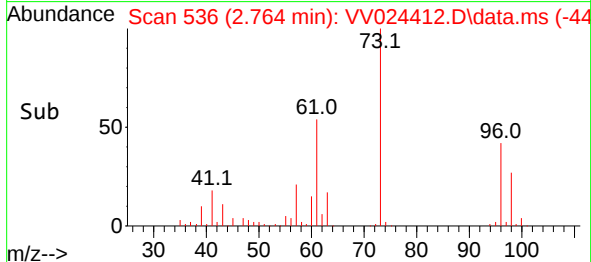
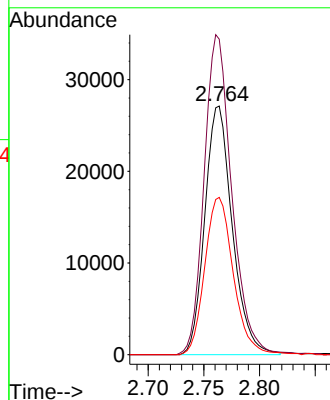
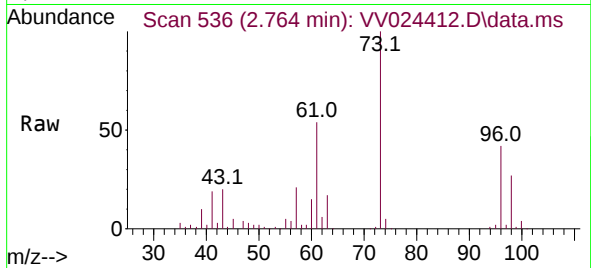




#17
trans-1,2-Dichloroethene
Concen: 33.182 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

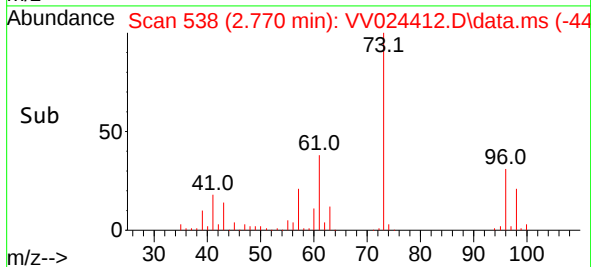
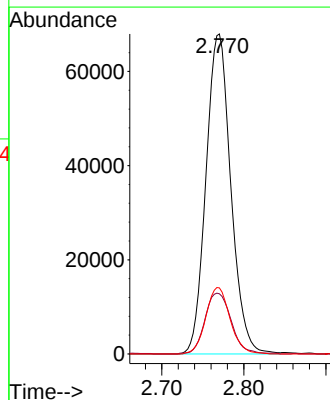
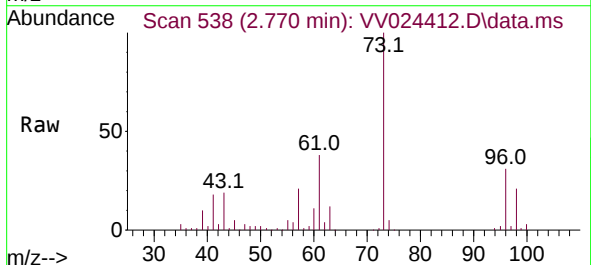
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

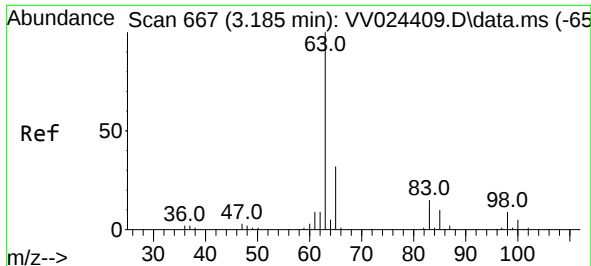
Tgt Ion: 96 Resp: 46694
Ion Ratio Lower Upper
96 100
61 126.9 88.1 163.7
98 63.2 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 33.090 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.007 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

Tgt Ion: 73 Resp: 143513
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.2
57 20.3 15.9 23.9





#19

1,1-Dichloroethane

Concen: 33.750 ug/L

RT: 3.192 min Scan# 6

Delta R.T. 0.007 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

Instrument :

MSVOA_V

ClientSampleId :

GBCM0MS

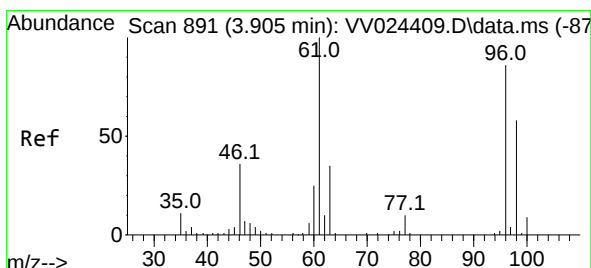
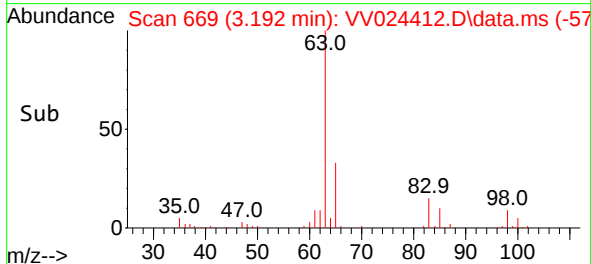
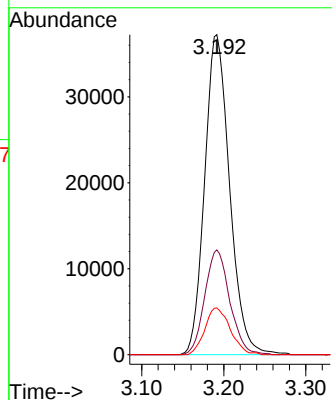
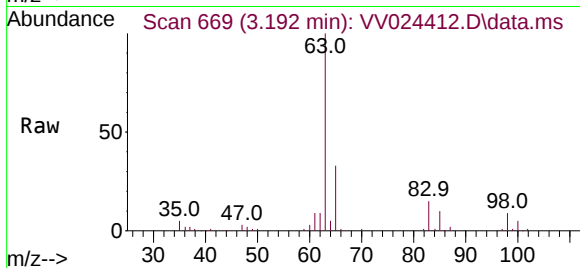
Tgt Ion: 63 Resp: 78774

Ion Ratio Lower Upper

63 100

65 32.8 22.4 41.6

83 14.6 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 33.658 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.007 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

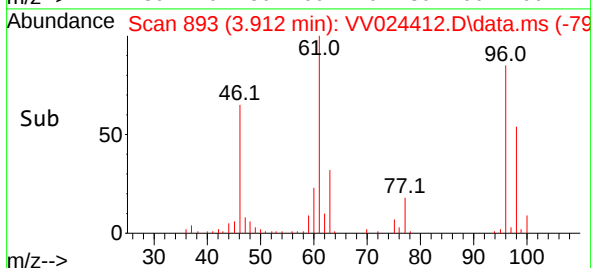
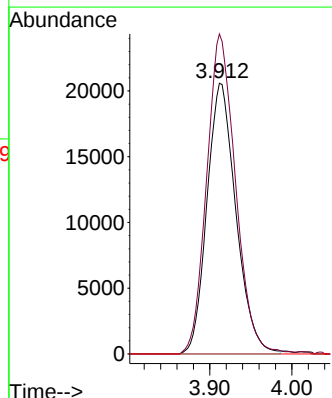
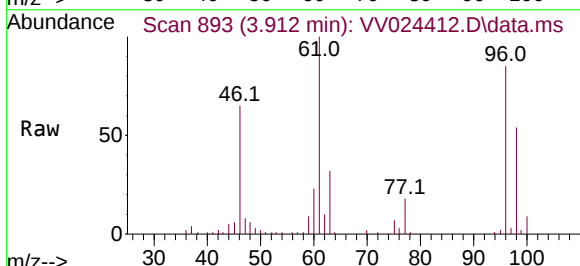
Tgt Ion: 96 Resp: 50584

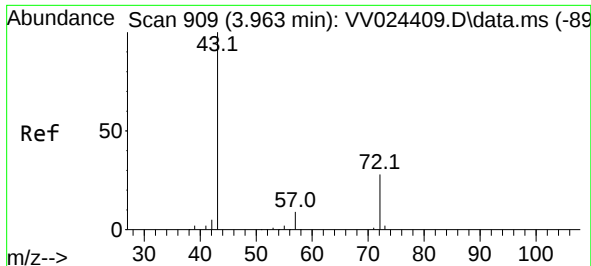
Ion Ratio Lower Upper

96 100

61 118.2 82.9 153.9

68 0.0 0.0 0.0

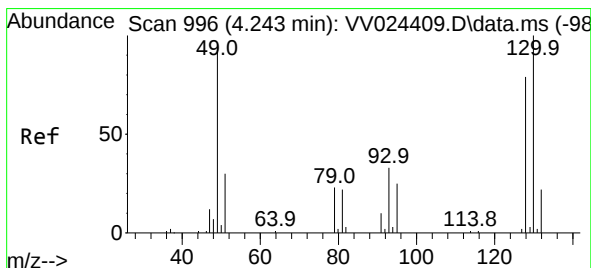
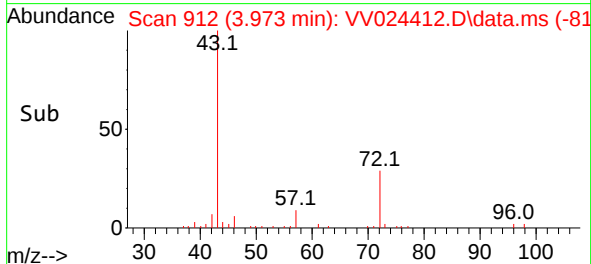
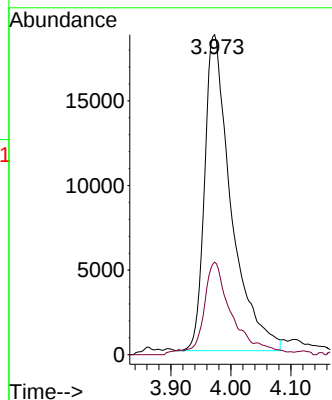
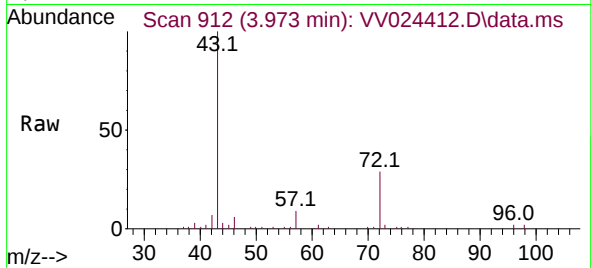




#22
2-Butanone
Concen: 61.185 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.010 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

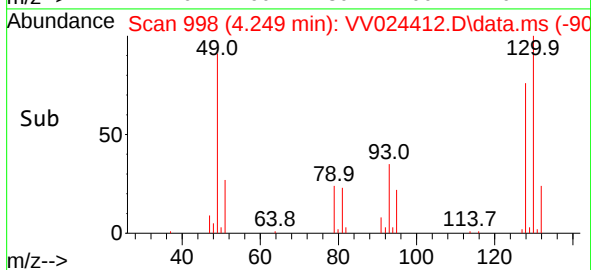
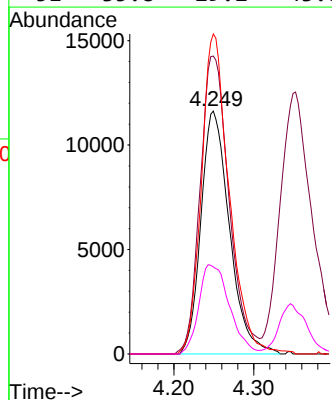
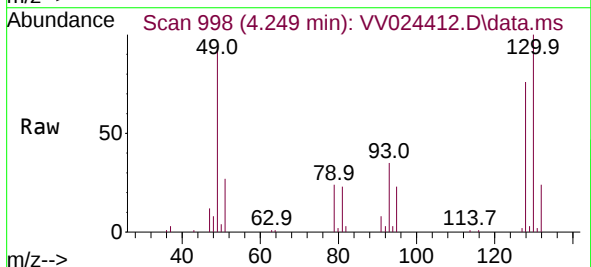
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

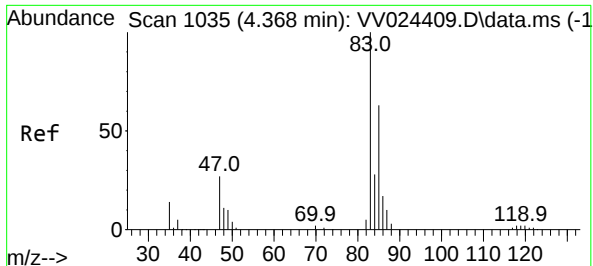
Tgt Ion: 43 Resp: 57686
Ion Ratio Lower Upper
43 100
72 25.9 14.9 44.9



#23
Bromochloromethane
Concen: 33.302 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.007 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

Tgt Ion: 128 Resp: 28838
Ion Ratio Lower Upper
128 100
49 122.7 83.1 154.3
130 131.8 87.0 161.6
51 35.8 29.2 43.8





#25

Chloroform

Concen: 32.995 ug/L

RT: 4.375 min Scan# 1035

Delta R.T. 0.007 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

Instrument :

MSVOA_V

ClientSampleId :

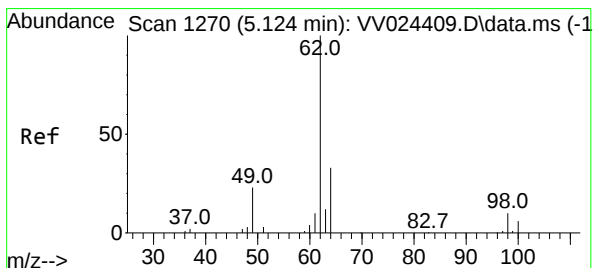
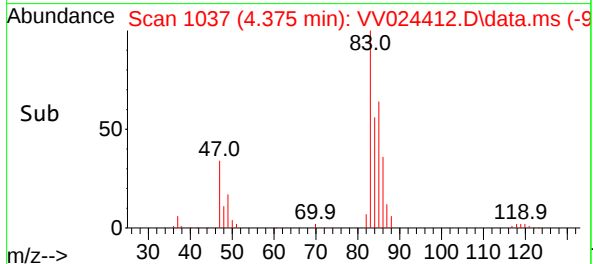
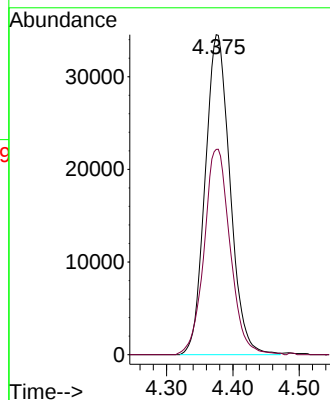
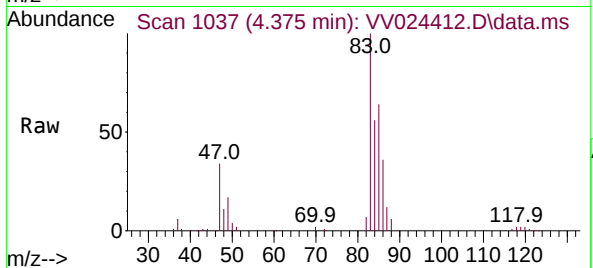
GBCM0MS

Tgt Ion: 83 Resp: 90042

Ion Ratio Lower Upper

83 100

85 64.2 46.3 85.9



#27

1,2-Dichloroethane

Concen: 32.014 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.007 min

Lab File: VV024412.D

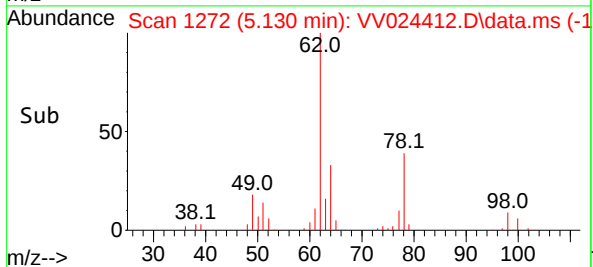
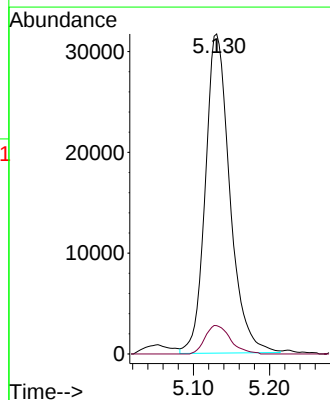
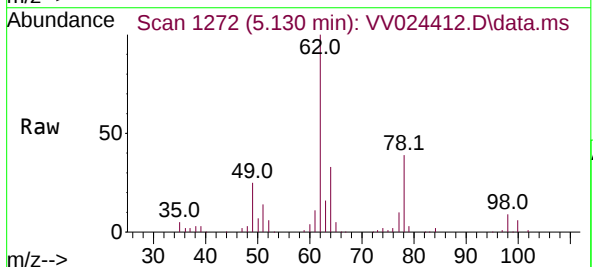
Acq: 20 Jan 2022 13:09

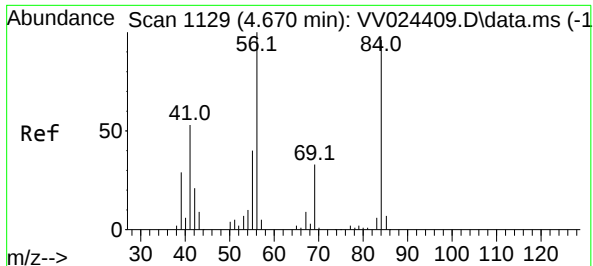
Tgt Ion: 62 Resp: 71059

Ion Ratio Lower Upper

62 100

98 8.8 7.1 10.7





#29

Cyclohexane

Concen: 34.164 ug/L

RT: 4.677 min Scan# 1110

Delta R.T. 0.007 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

Instrument :

MSVOA_V

ClientSampleId :

GBCM0MS

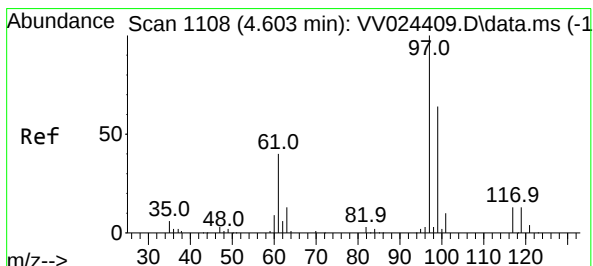
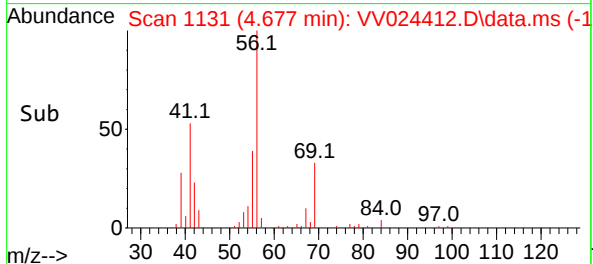
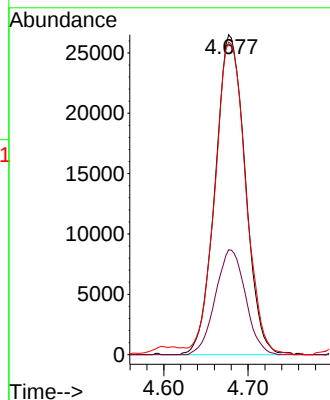
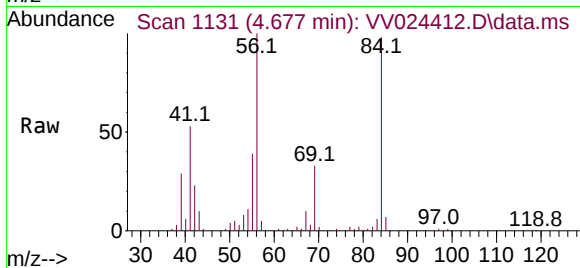
Tgt Ion: 56 Resp: 65557

Ion Ratio Lower Upper

56 100

69 32.9 25.8 38.6

84 98.6 79.1 118.7



#30

1,1,1-Trichloroethane

Concen: 32.085 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.007 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

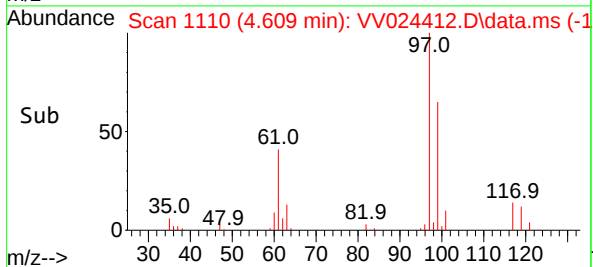
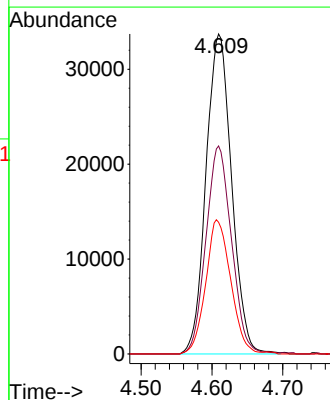
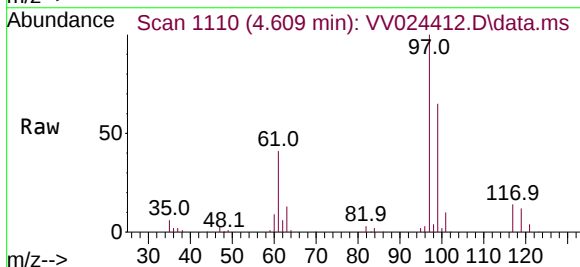
Tgt Ion: 97 Resp: 84745

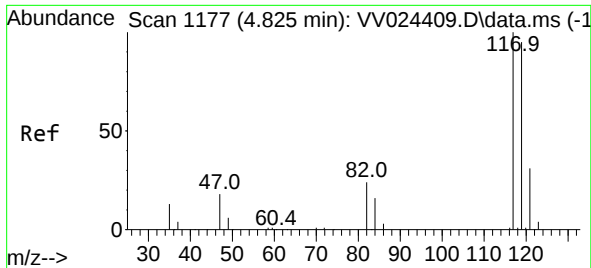
Ion Ratio Lower Upper

97 100

99 64.7 51.2 76.8

61 40.9 33.2 49.8

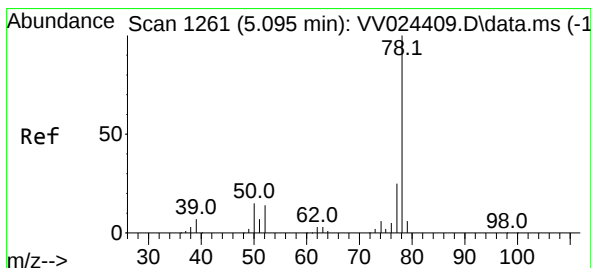
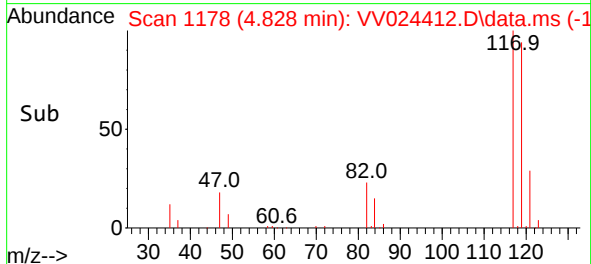
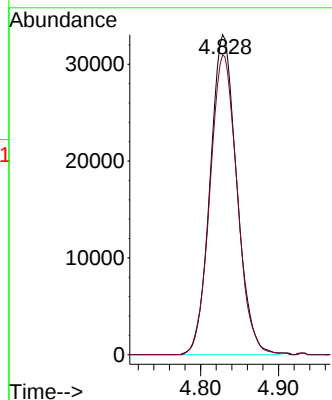
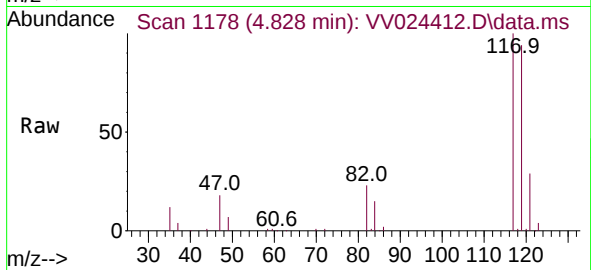




#31
Carbon tetrachloride
Concen: 31.917 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

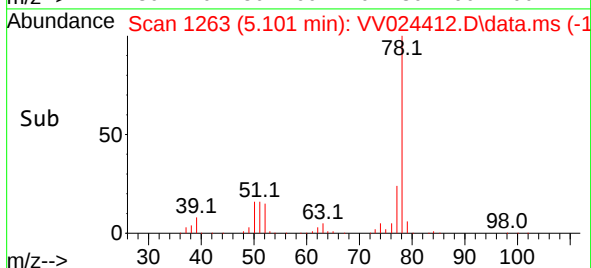
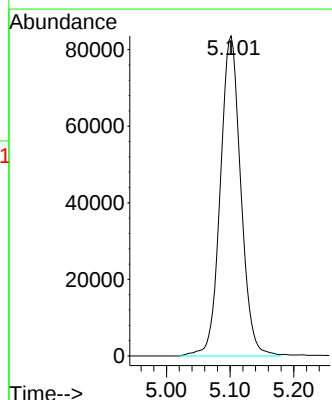
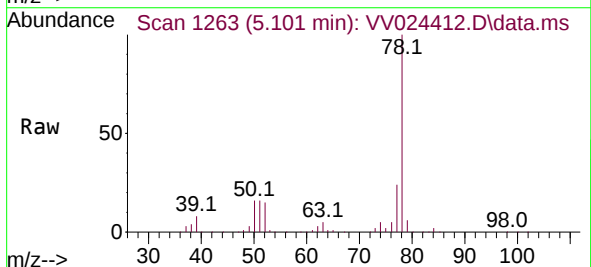
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

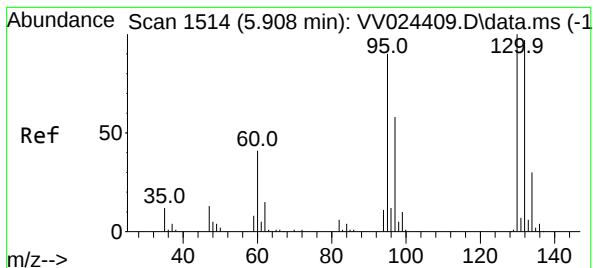
Tgt Ion:117 Resp: 78208
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 34.258 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

Tgt Ion: 78 Resp: 186989





#34

Trichloroethene

Concen: 34.220 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

Instrument :

MSVOA_V

ClientSampleId :

GBCM0MS

Tgt Ion: 95 Resp: 51508

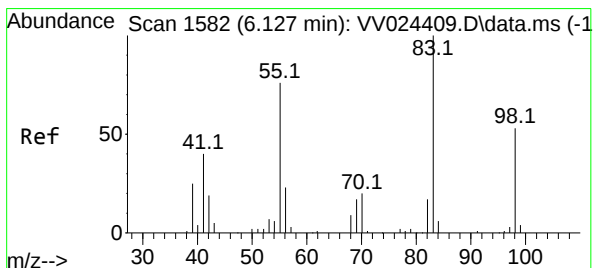
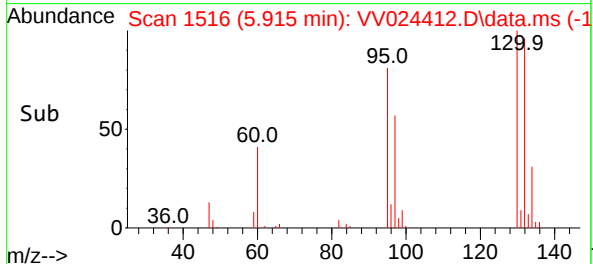
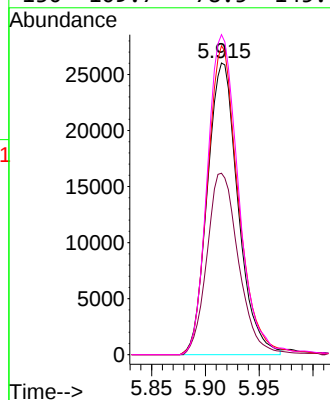
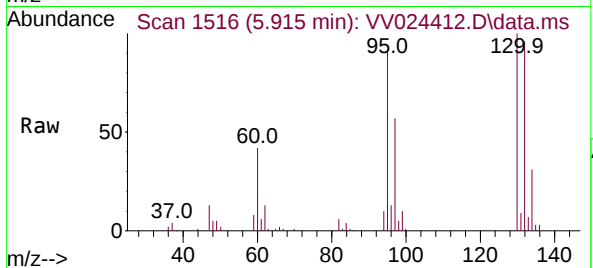
Ion Ratio Lower Upper

95 100

97 62.2 44.1 81.9

132 105.8 75.1 139.5

130 109.7 78.5 145.7



#35

Methylcyclohexane

Concen: 33.902 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

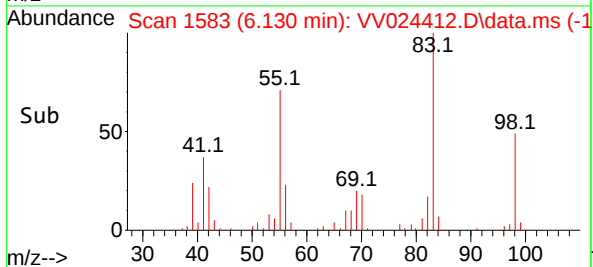
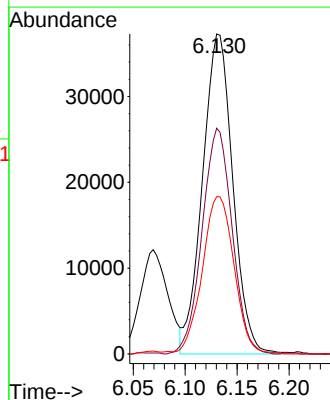
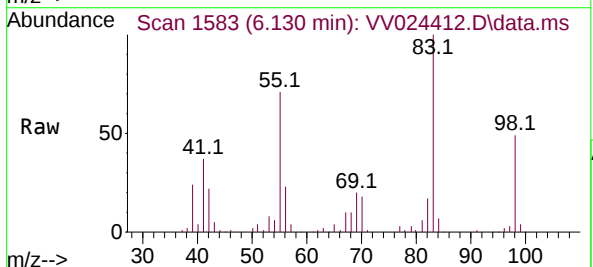
Tgt Ion: 83 Resp: 75681

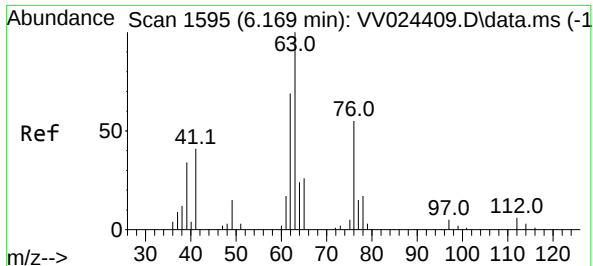
Ion Ratio Lower Upper

83 100

55 69.8 55.6 83.4

98 51.5 41.3 61.9





#37

1,2-Dichloropropane

Concen: 33.384 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

Instrument :

MSVOA_V

ClientSampleId :

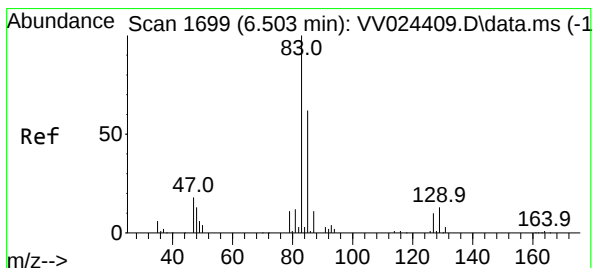
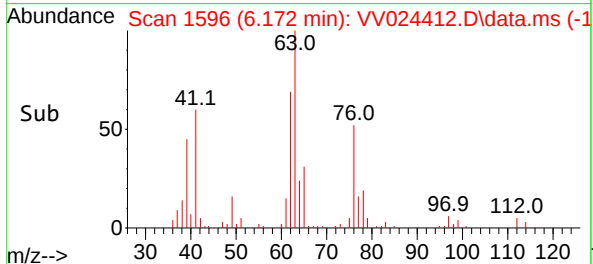
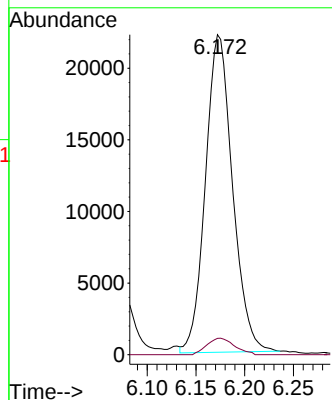
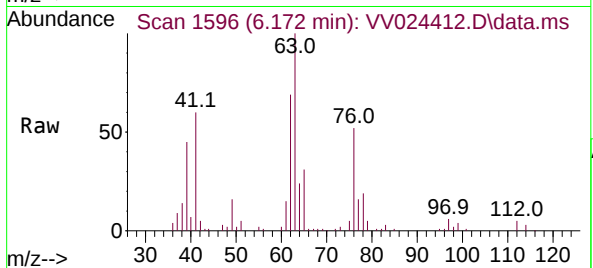
GBCM0MS

Tgt Ion: 63 Resp: 42859

Ion Ratio Lower Upper

63 100

112 5.3 4.7 7.1



#38

Bromodichloromethane

Concen: 33.121 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.007 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

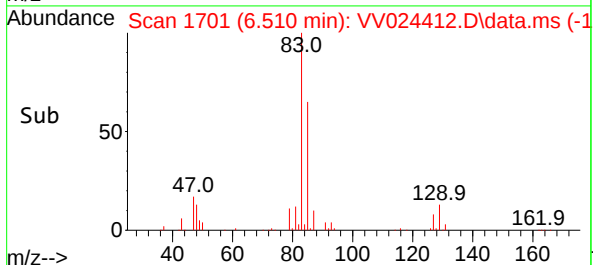
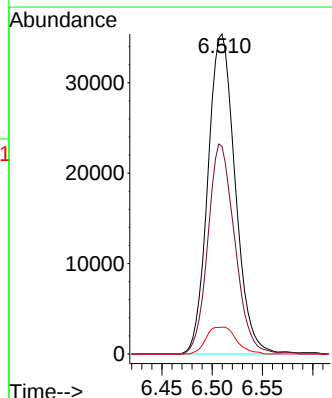
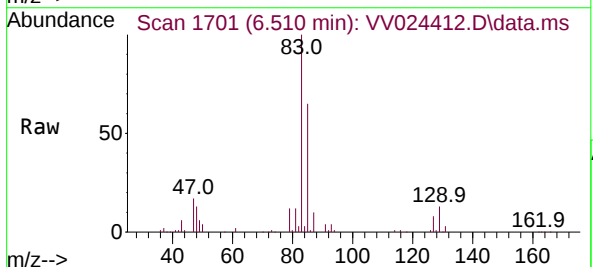
Tgt Ion: 83 Resp: 66726

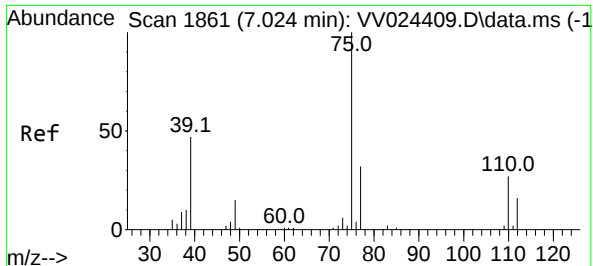
Ion Ratio Lower Upper

83 100

85 64.9 45.2 84.0

127 8.3 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 34.431 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

Instrument :

MSVOA_V

ClientSampleId :

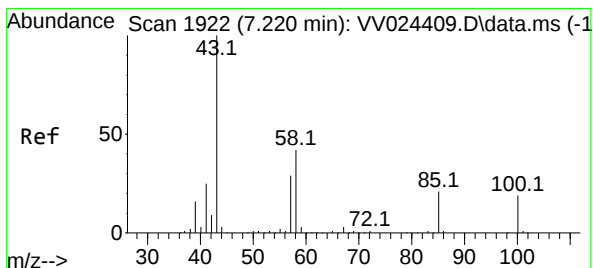
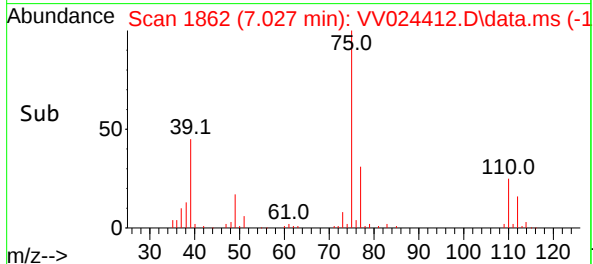
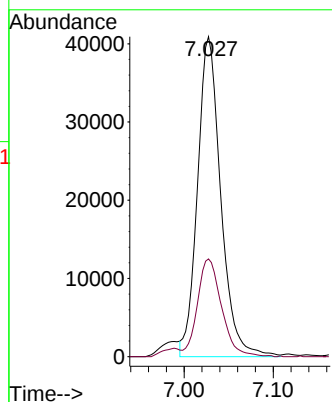
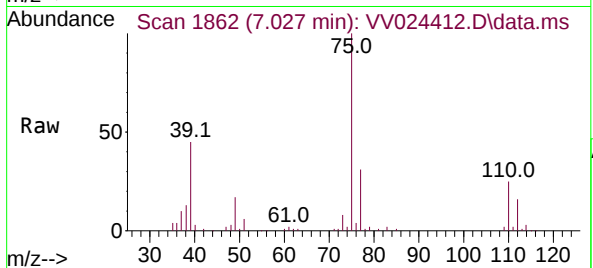
GBCM0MS

Tgt Ion: 75 Resp: 74306

Ion Ratio Lower Upper

75 100

77 30.6 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 68.002 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.007 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

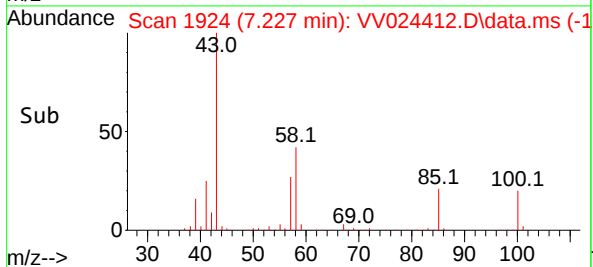
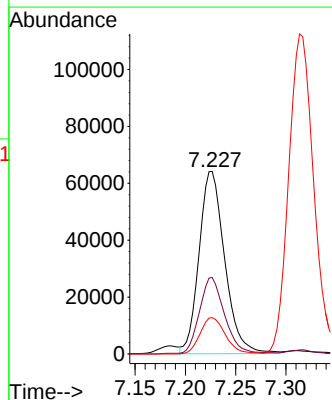
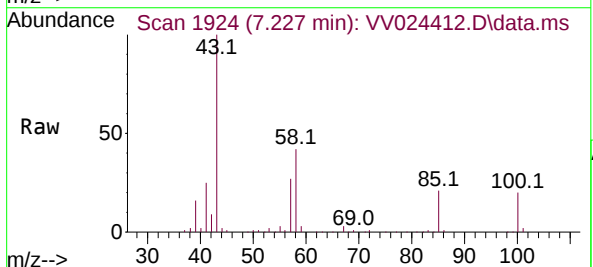
Tgt Ion: 43 Resp: 113843

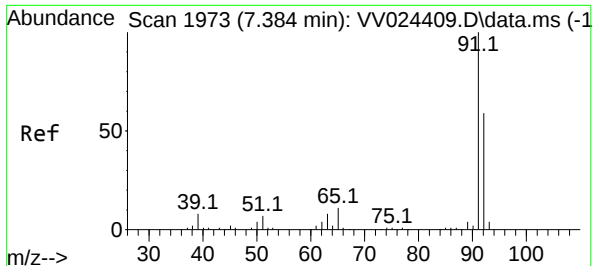
Ion Ratio Lower Upper

43 100

58 41.0 33.0 49.4

100 19.7 16.0 24.0

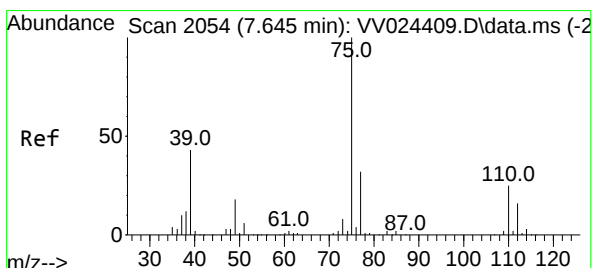
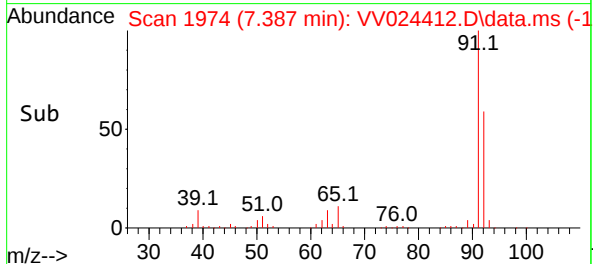
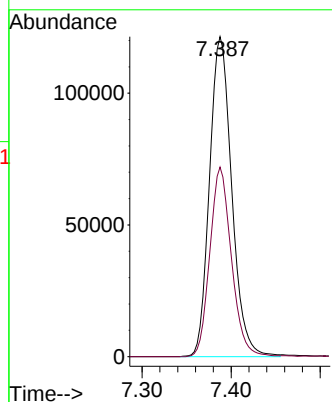
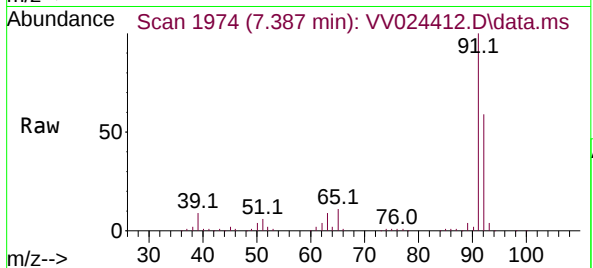




#42
Toluene
Concen: 34.343 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

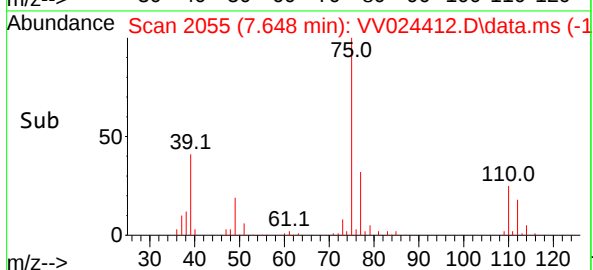
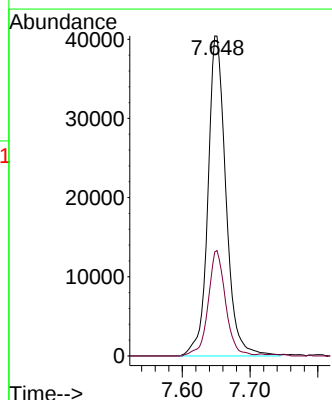
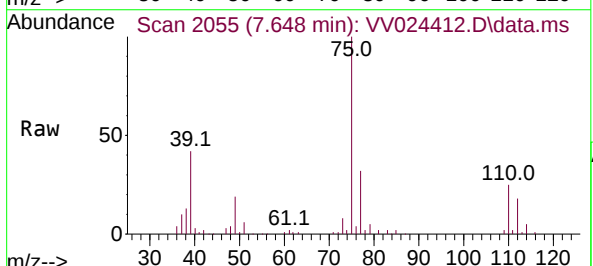
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

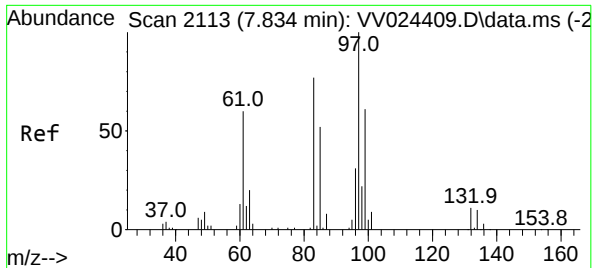
Tgt Ion: 91 Resp: 210423
Ion Ratio Lower Upper
91 100
92 59.2 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 34.036 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

Tgt Ion: 75 Resp: 74512
Ion Ratio Lower Upper
75 100
77 32.5 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 32.953 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

Instrument :

MSVOA_V

ClientSampleId :

GBCM0MS

Tgt Ion: 97 Resp: 47428

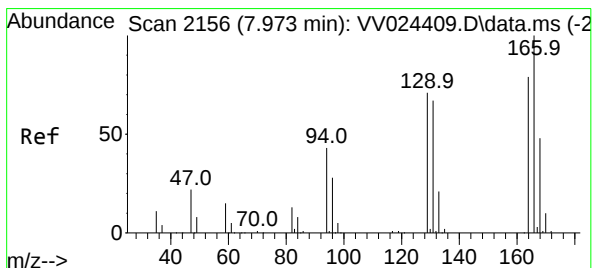
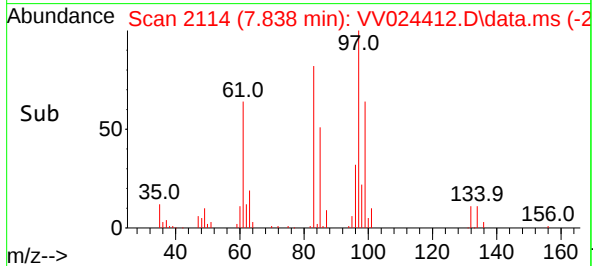
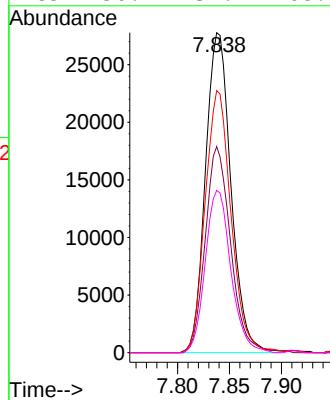
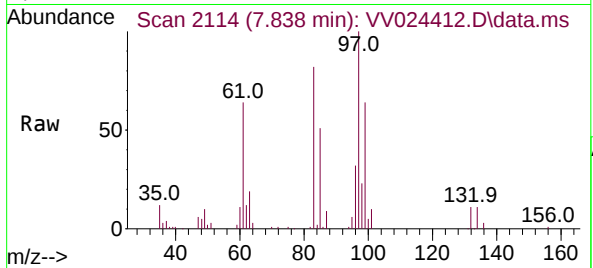
Ion Ratio Lower Upper

97 100

99 64.4 42.4 78.8

83 81.9 57.9 107.5

85 50.7 37.1 68.9



#46

Tetrachloroethene

Concen: 33.212 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

Tgt Ion:164 Resp: 45501

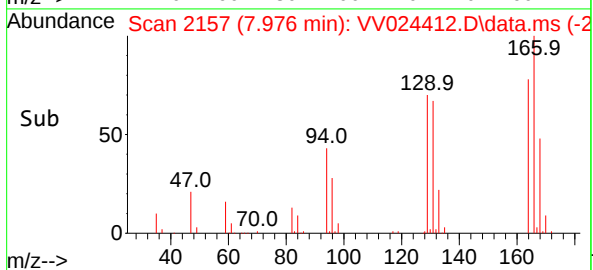
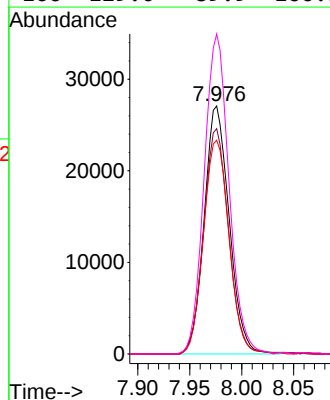
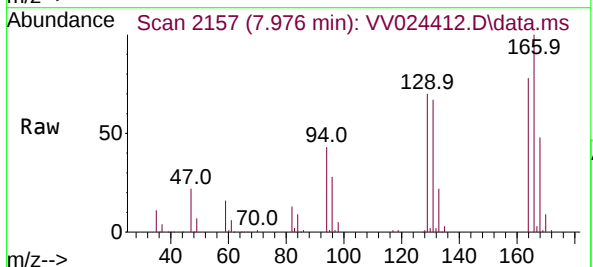
Ion Ratio Lower Upper

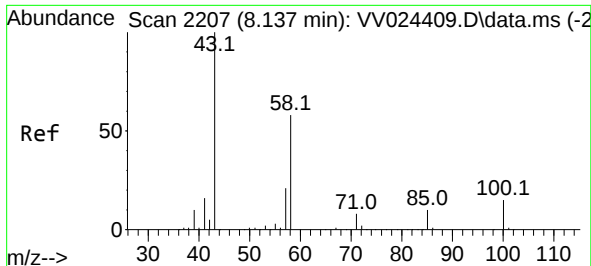
164 100

129 90.8 61.5 114.1

131 86.1 62.2 115.4

166 129.0 89.9 166.9



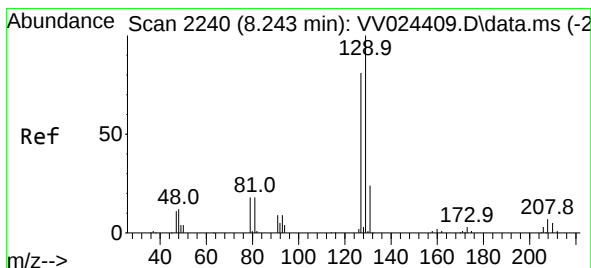
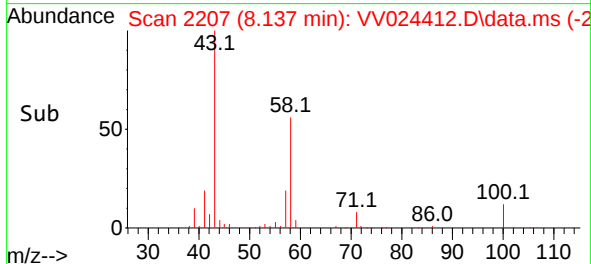
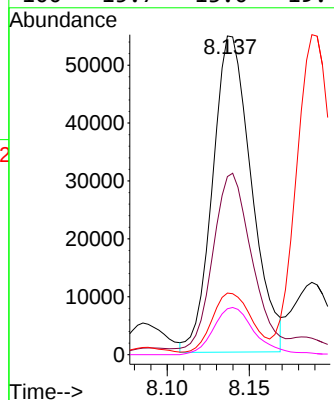
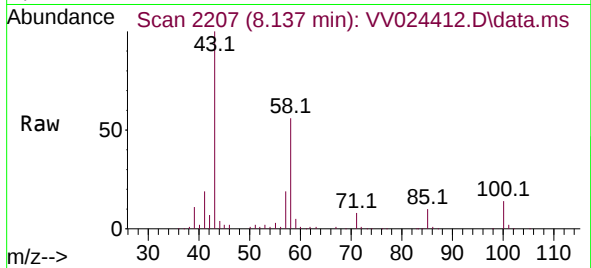


#48
2-Hexanone
Concen: 66.841 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

Tgt Ion: 43 Resp: 89877

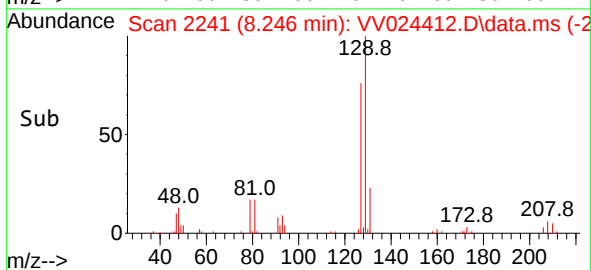
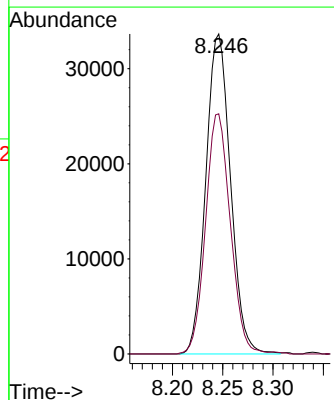
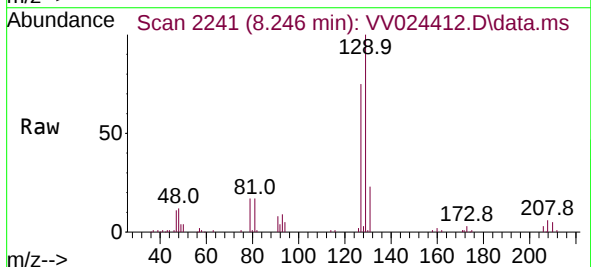
Ion	Ratio	Lower	Upper
43	100		
58	54.3	45.0	67.4
57	20.0	16.9	25.3
100	15.7	13.0	19.4

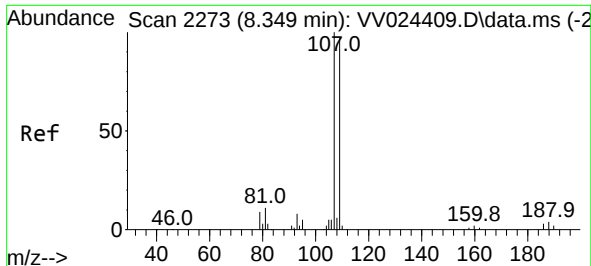


#49
Dibromochloromethane
Concen: 31.891 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

Tgt Ion: 129 Resp: 57535

Ion	Ratio	Lower	Upper
129	100		
127	75.1	53.7	99.7





#50

1,2-Dibromoethane

Concen: 34.039 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

Instrument :

MSVOA_V

ClientSampleId :

GBCM0MS

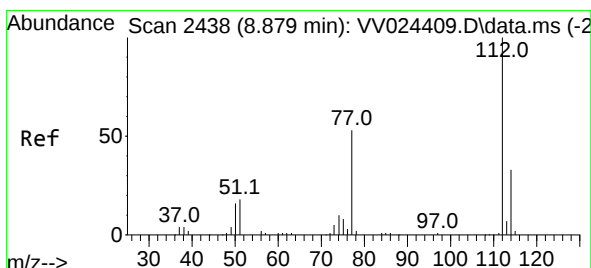
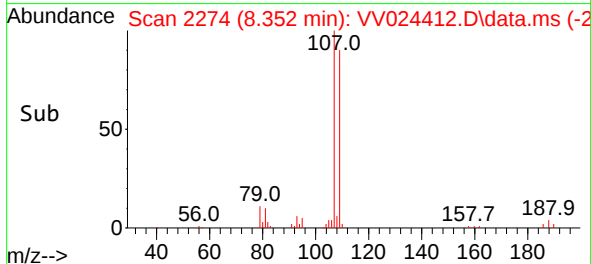
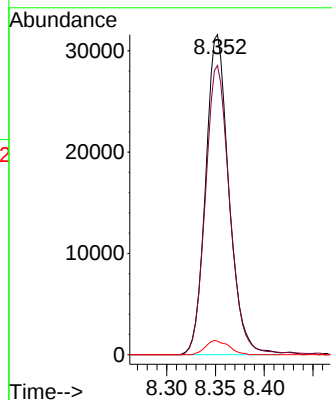
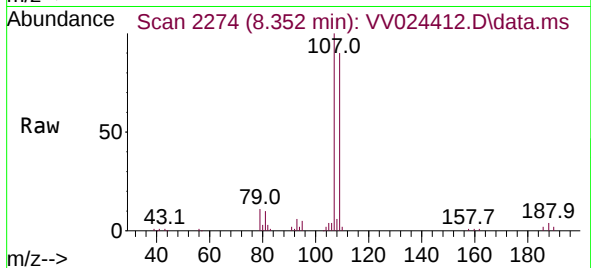
Tgt Ion:107 Resp: 52620

Ion Ratio Lower Upper

107 100

109 90.4 65.8 122.2

188 4.2 3.8 5.6



#51

Chlorobenzene

Concen: 33.491 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

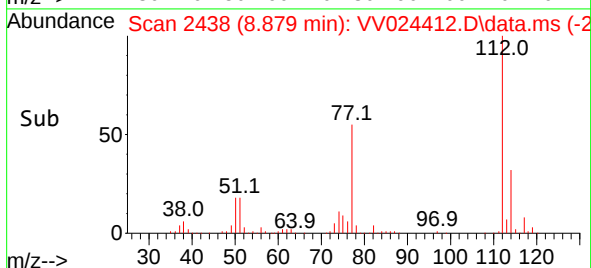
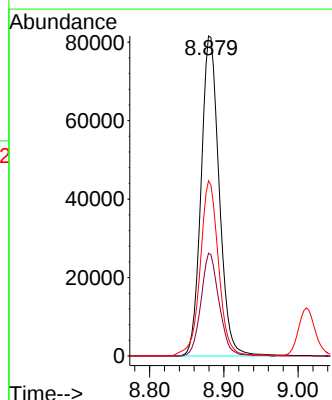
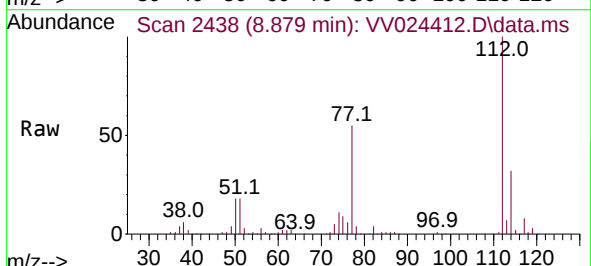
Tgt Ion:112 Resp: 138214

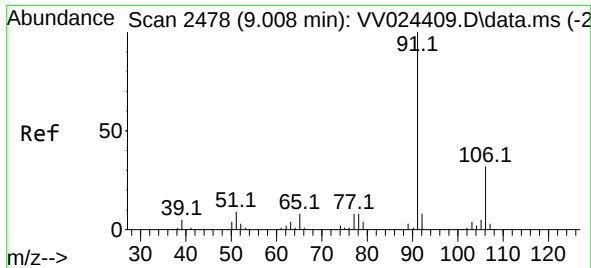
Ion Ratio Lower Upper

112 100

114 32.1 22.3 41.5

77 54.8 42.8 64.2

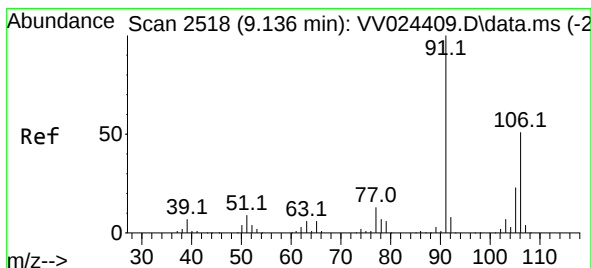
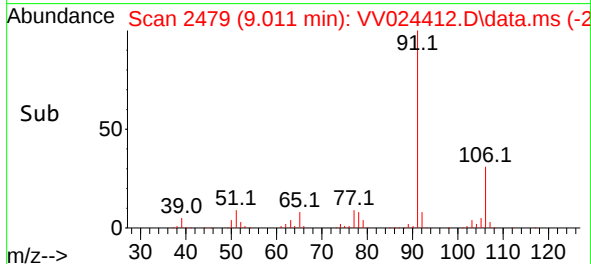
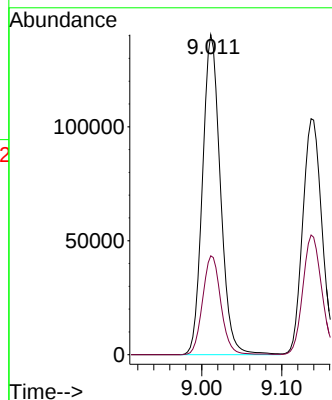
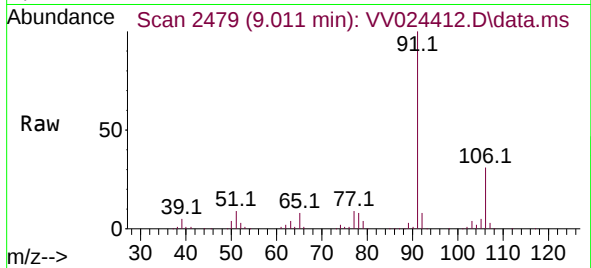




#52
Ethylbenzene
Concen: 33.527 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

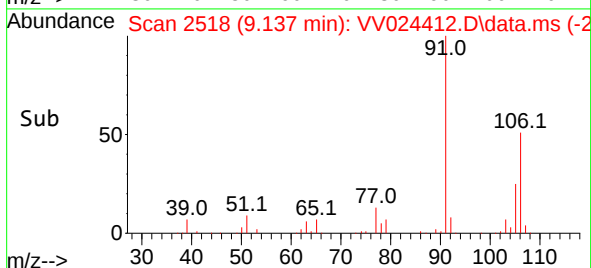
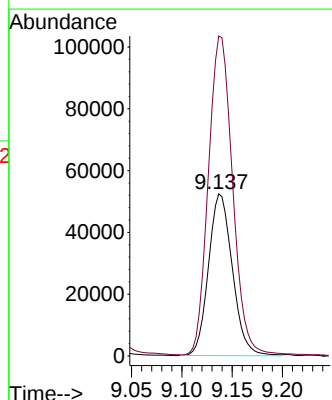
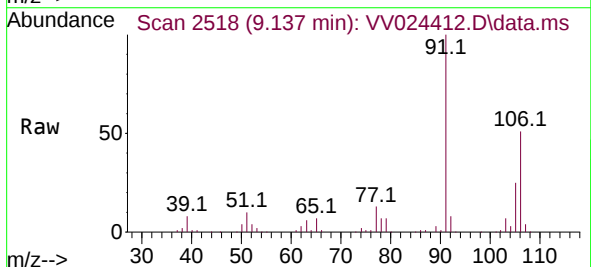
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

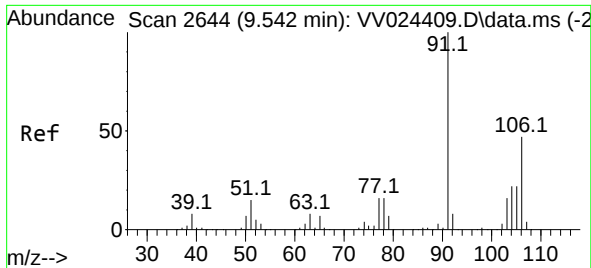
Tgt Ion: 91 Resp: 219459
Ion Ratio Lower Upper
91 100
106 30.9 22.0 41.0



#53
m,p-Xylene
Concen: 32.939 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

Tgt Ion:106 Resp: 86424
Ion Ratio Lower Upper
106 100
91 197.3 141.8 263.4

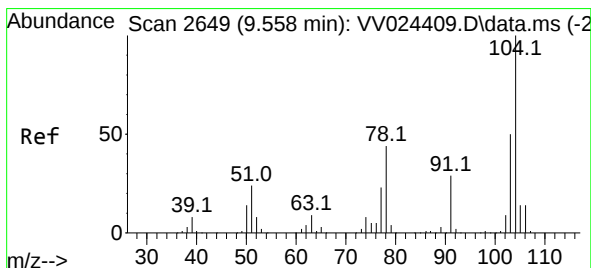
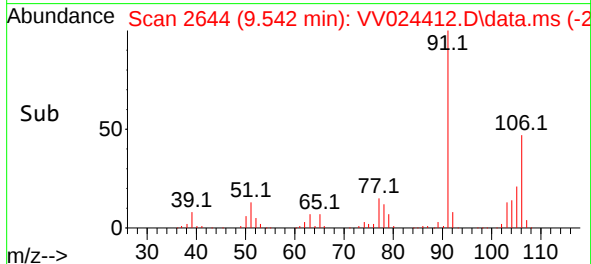
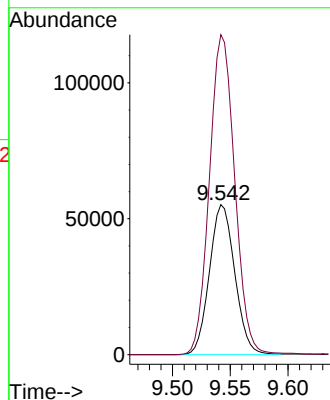
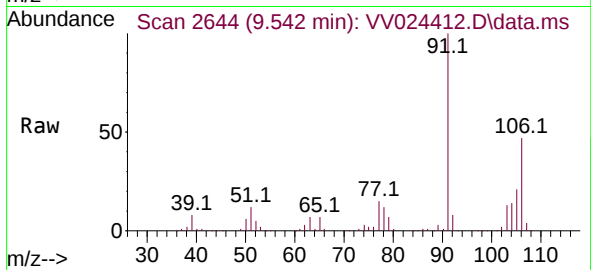




#54
o-Xylene
Concen: 33.703 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

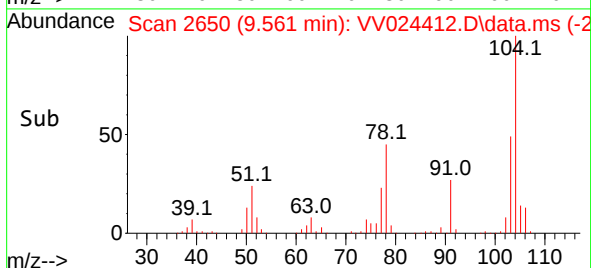
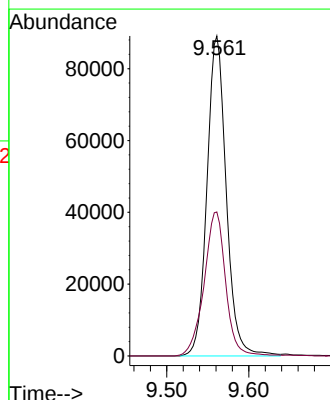
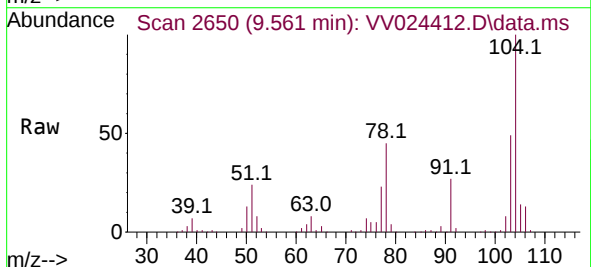
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

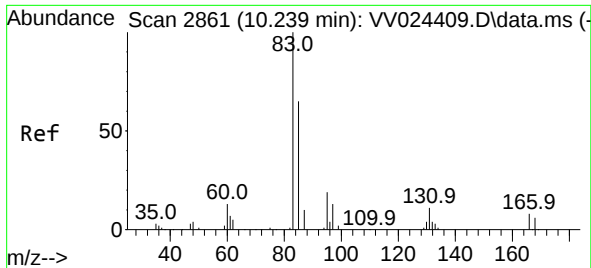
Tgt Ion:106 Resp: 84413
Ion Ratio Lower Upper
106 100
91 213.2 150.9 280.3



#55
Styrene
Concen: 33.489 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

Tgt Ion:104 Resp: 145659
Ion Ratio Lower Upper
104 100
78 45.0 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 31.340 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

Instrument :

MSVOA_V

ClientSampleId :

GBCM0MS

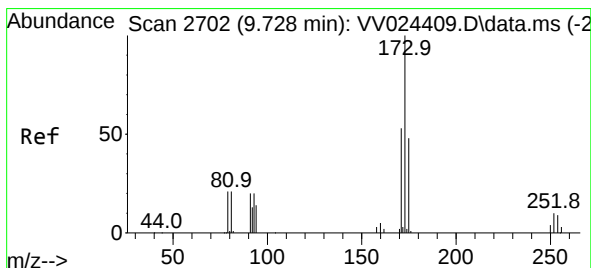
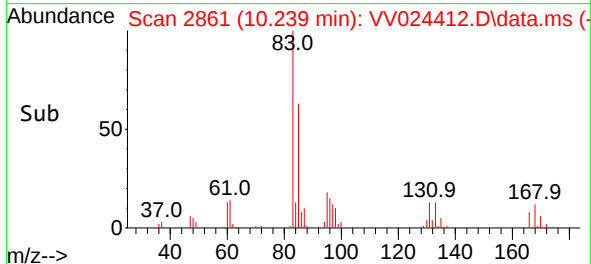
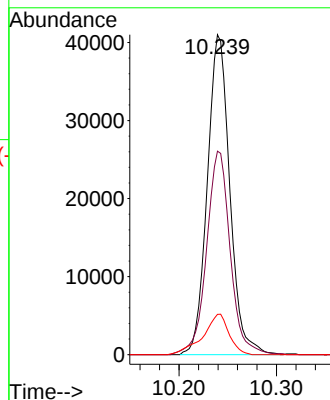
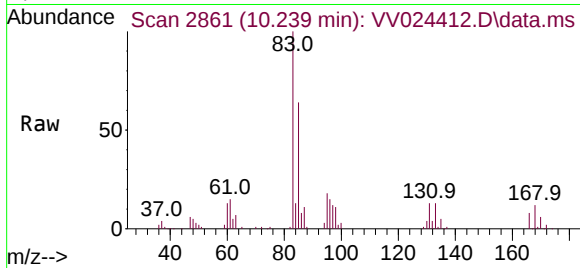
Tgt Ion: 83 Resp: 65864

Ion Ratio Lower Upper

83 100

85 63.6 44.5 82.7

131 12.6 9.2 13.8



#59

Bromoform

Concen: 30.925 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

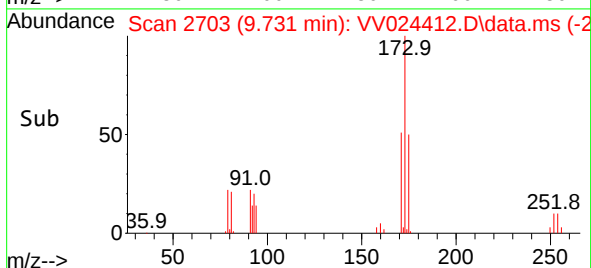
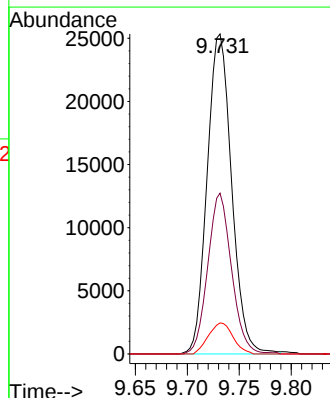
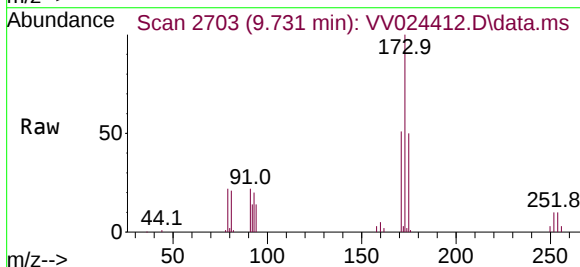
Tgt Ion: 173 Resp: 41523

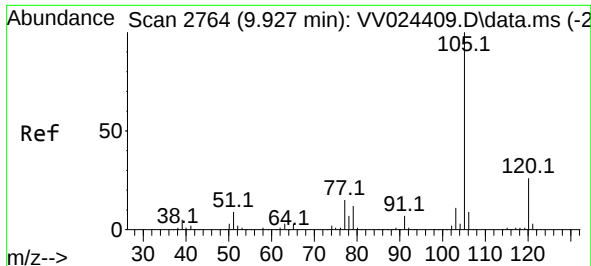
Ion Ratio Lower Upper

173 100

175 48.6 39.4 59.2

254 9.7 7.8 11.6

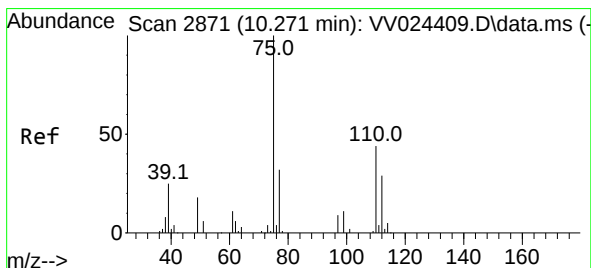
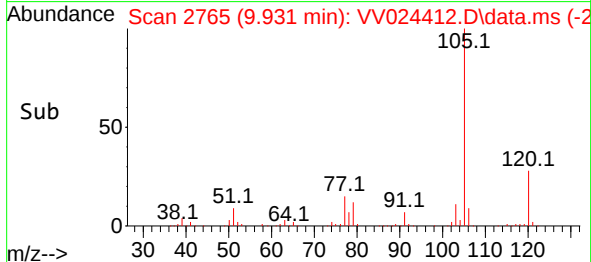
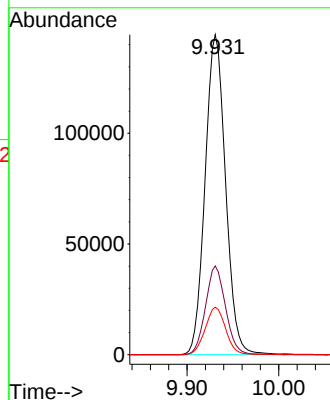
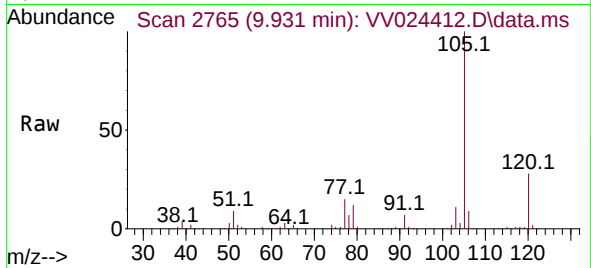




#60
Isopropylbenzene
Concen: 34.393 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

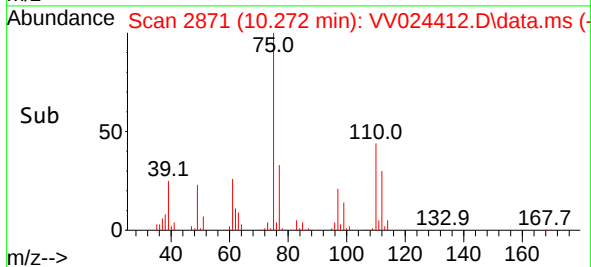
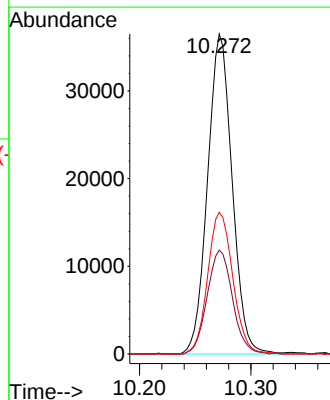
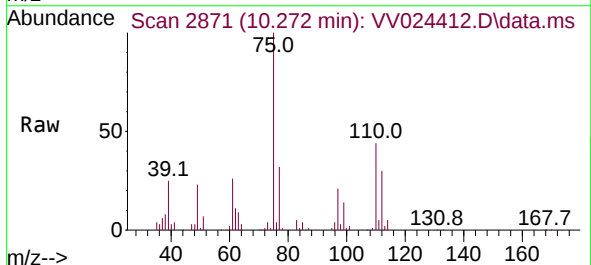
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

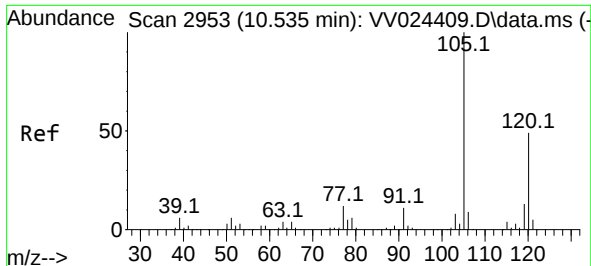
Tgt Ion:105 Resp: 224095
Ion Ratio Lower Upper
105 100
120 27.1 21.9 32.9
77 14.9 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 32.365 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

Tgt Ion: 75 Resp: 55960
Ion Ratio Lower Upper
75 100
77 33.4 26.9 40.3
110 45.3 37.1 55.7





#62

1,3,5-Trimethylbenzene

Concen: 33.312 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

Instrument :

MSVOA_V

ClientSampleId :

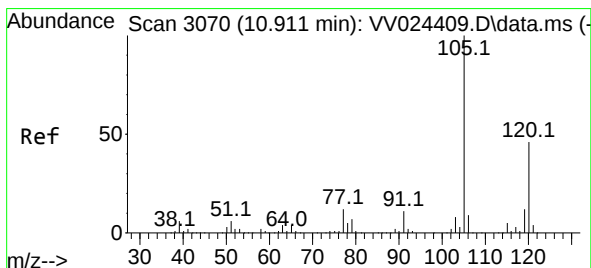
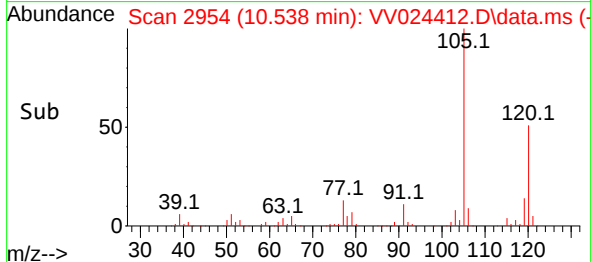
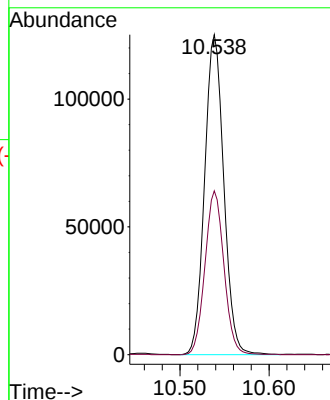
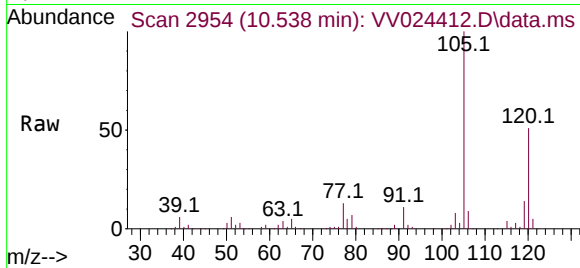
GBCM0MS

Tgt Ion:105 Resp: 186705

Ion Ratio Lower Upper

105 100

120 50.6 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 33.765 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV024412.D

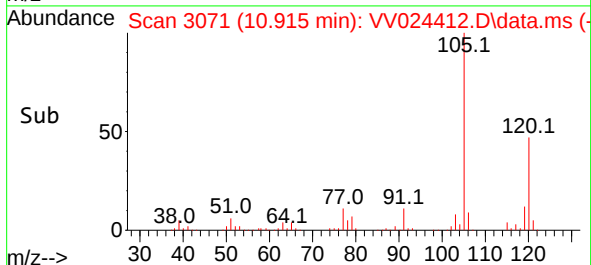
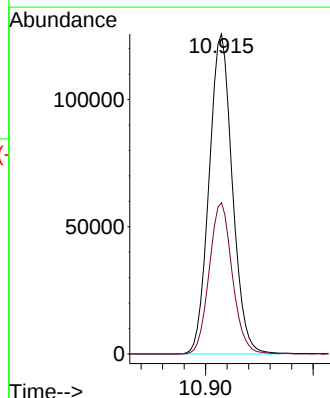
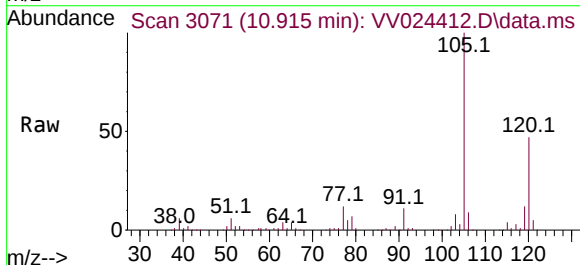
Acq: 20 Jan 2022 13:09

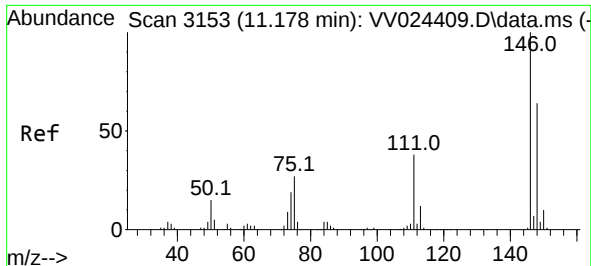
Tgt Ion:105 Resp: 188934

Ion Ratio Lower Upper

105 100

120 46.9 36.6 55.0

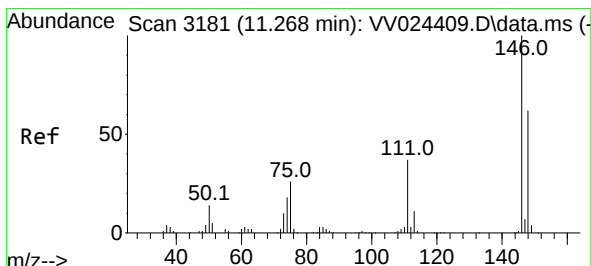
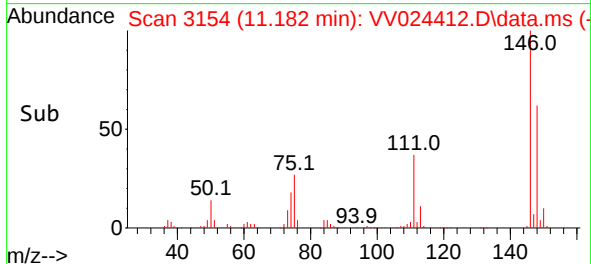
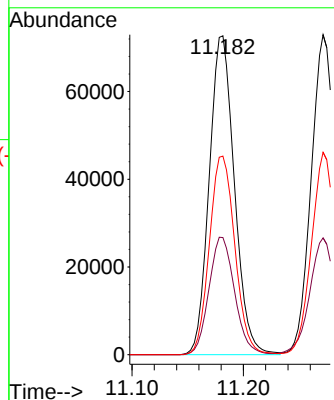
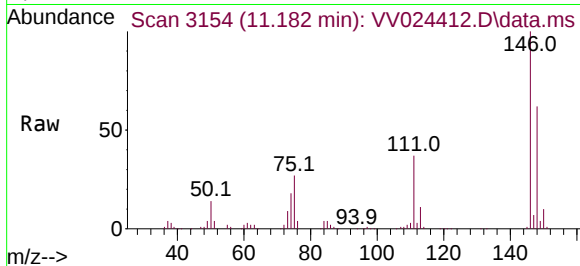




#64
1,3-Dichlorobenzene
Concen: 33.971 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

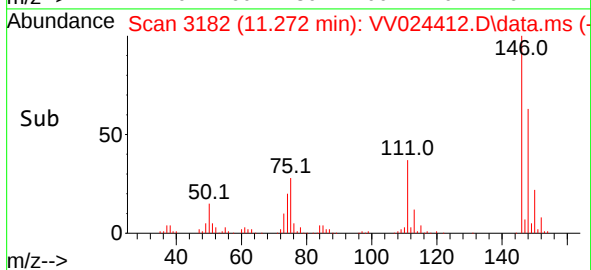
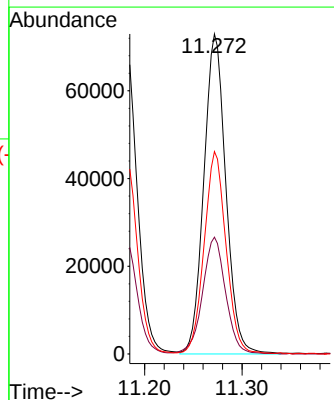
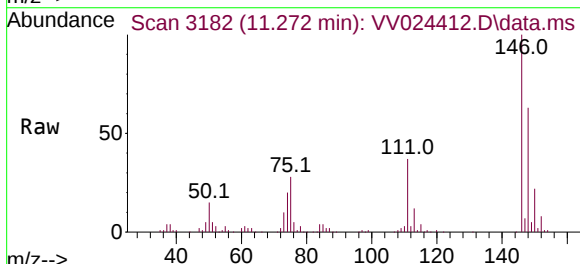
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

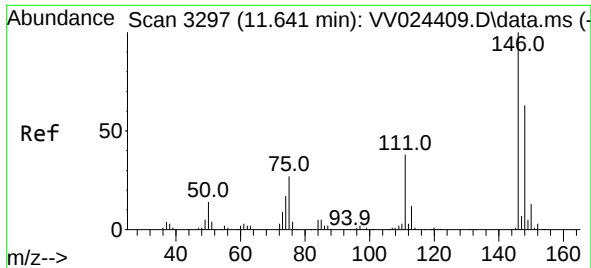
Tgt Ion:146 Resp: 114130
Ion Ratio Lower Upper
146 100
111 36.7 26.5 49.3
148 62.3 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 33.094 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

Tgt Ion:146 Resp: 114661
Ion Ratio Lower Upper
146 100
111 36.5 26.5 49.3
148 63.3 44.9 83.5

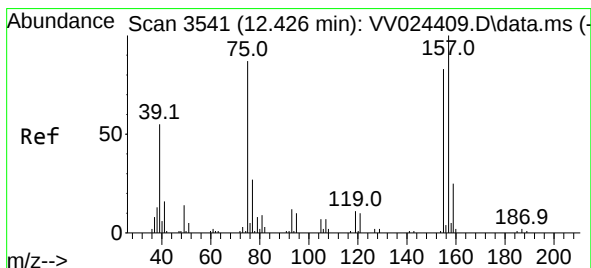
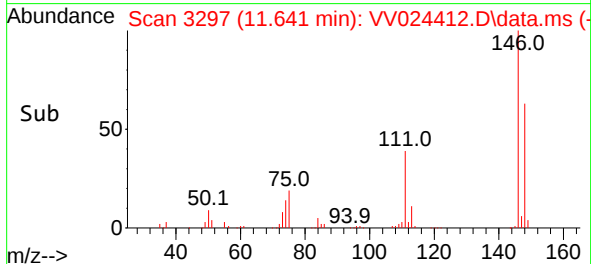
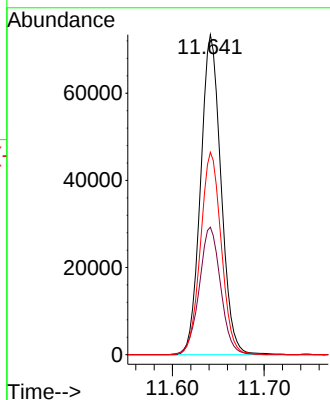
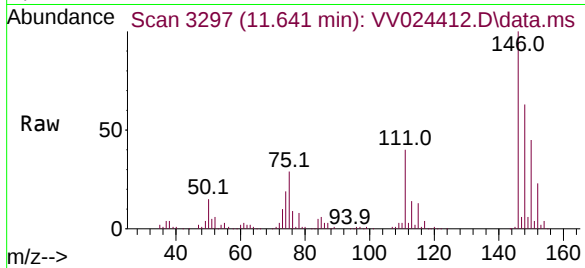




#67
1,2-Dichlorobenzene
Concen: 32.770 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

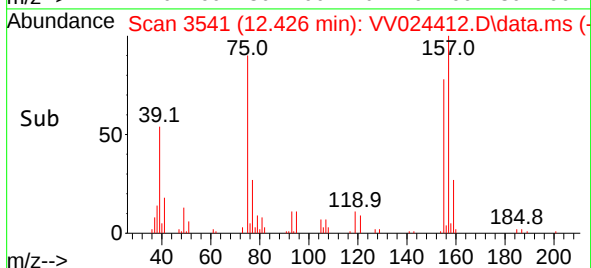
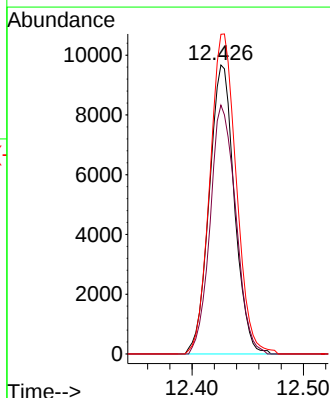
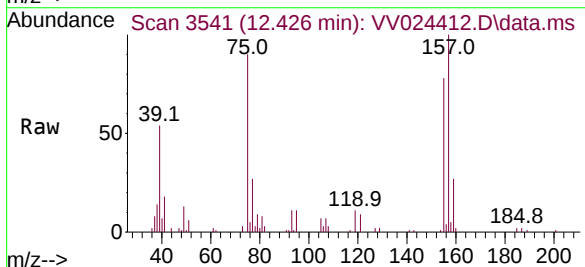
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

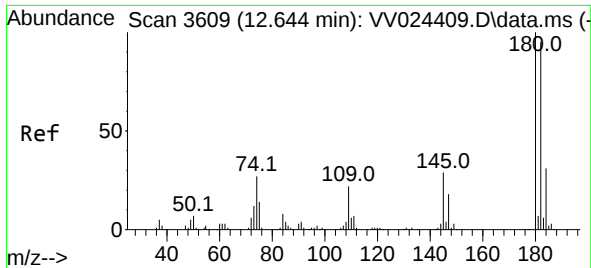
Tgt Ion:146 Resp: 113465
Ion Ratio Lower Upper
146 100
111 39.8 32.0 48.0
148 63.3 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 30.451 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024412.D
Acq: 20 Jan 2022 13:09

Tgt Ion: 75 Resp: 15164
Ion Ratio Lower Upper
75 100
155 86.1 73.2 109.8
157 110.6 98.5 147.7

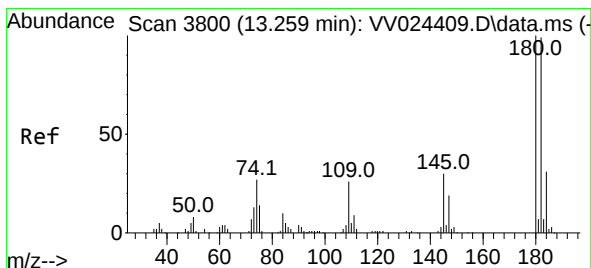
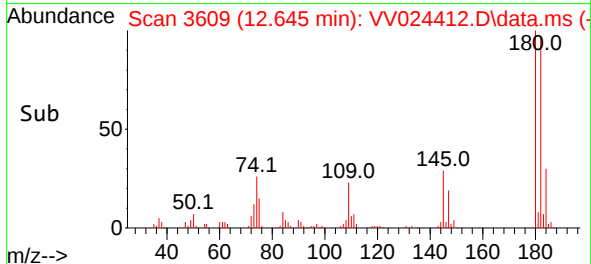
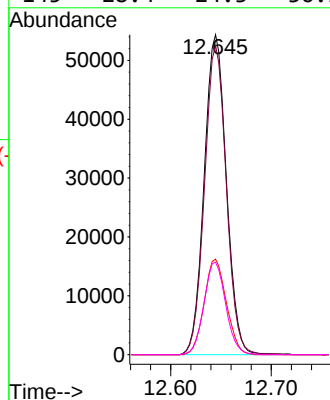
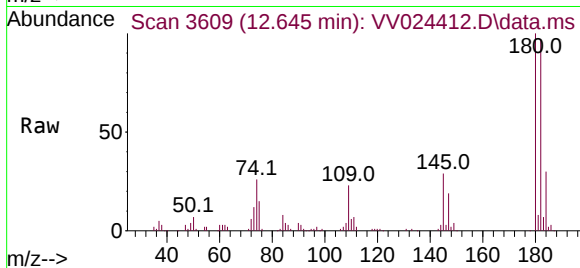




#69
 1,3,5-Trichlorobenzene
 Concen: 32.214 ug/L
 RT: 12.645 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VV024412.D
 Acq: 20 Jan 2022 13:09

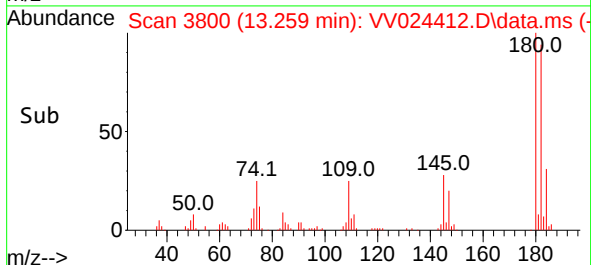
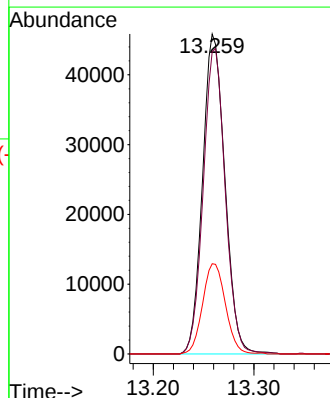
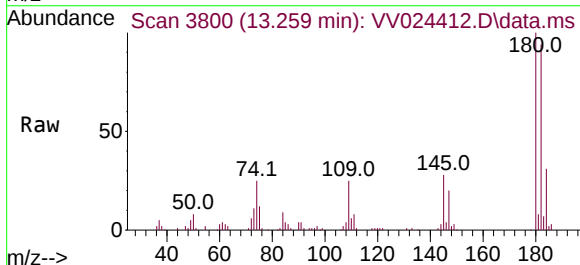
Instrument :
 MSVOA_V
 ClientSampleId :
 GBCM0MS

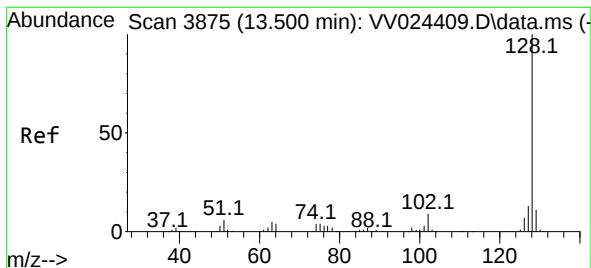
Tgt Ion:180 Resp: 83246
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.4 113.2
 184 29.8 24.7 37.1
 145 28.4 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 31.967 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV024412.D
 Acq: 20 Jan 2022 13:09

Tgt Ion:180 Resp: 70648
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.6 113.4
 145 28.9 23.9 35.9





#71

Naphthalene

Concen: 30.069 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

Instrument :

MSVOA_V

ClientSampleId :

GBCM0MS

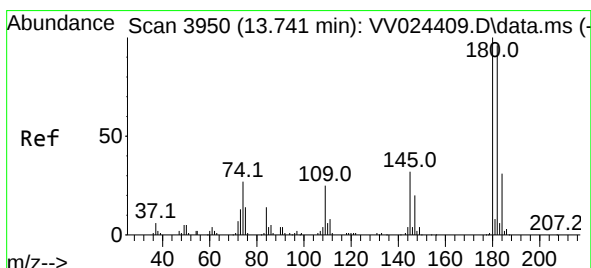
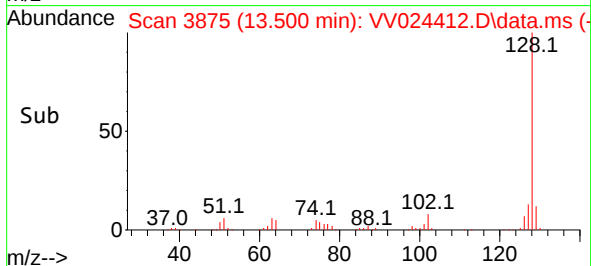
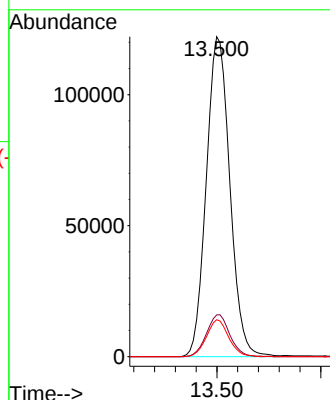
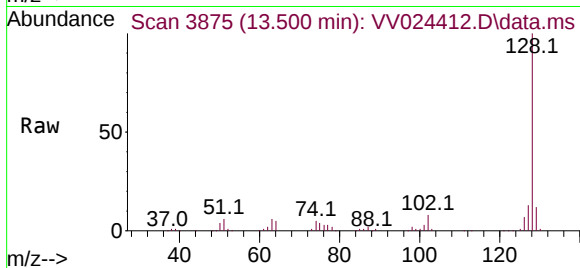
Tgt Ion:128 Resp: 192261

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 31.433 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV024412.D

Acq: 20 Jan 2022 13:09

Tgt Ion:180 Resp: 71797

Ion Ratio Lower Upper

180 100

182 94.7 76.1 114.1

145 31.4 25.0 37.4

