

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023438.D
 Acq On : 10 Jun 2022 10:23
 Operator : SY/VA
 Sample : VSTD00521
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 10 11:41:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 10 11:40:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	316258	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	279595	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	135959	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	26831	5.459	ug/L	0.00
7) Chloroethane-d5	2.885	69	16863	4.836	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	33571	4.681	ug/L	-0.01
21) 2-Butanone-d5	7.244	46	146	0.154	ug/L	0.17
24) Chloroform-d	7.653	84	46474	5.479	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	24706	5.493	ug/L	0.00
32) Benzene-d6	8.274	84	87633	5.759	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	25152	5.874	ug/L	0.00
41) Toluene-d8	10.323	98	74517	5.134	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	10199	5.347	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	5614	8.590	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	19907	5.277	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	25832	5.375	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	1315	1.218	ug/L	90
3) Chloromethane	2.215	50	10057	2.738	ug/L	98
5) Vinyl chloride	2.361	62	15318	2.685	ug/L	91
6) Bromomethane	2.775	94	7898	2.527	ug/L	93
8) Chloroethane	2.916	64	6677	2.350	ug/L	86
9) Trichlorofluoromethane	3.251	101	7267	2.560	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	11026	2.749	ug/L #	71
13) Acetone	4.123	43	4260	6.109	ug/L	59
14) Carbon disulfide	4.391	76	28554	2.527	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	10593	2.508	ug/L	93
18) Methyl tert-butyl Ether	5.427	73	15186	2.448	ug/L #	72
19) 1,1-Dichloroethane	6.220	63	19152	2.654	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	12000	2.680	ug/L #	94
22) 2-Butanone	7.177	43	6811	6.558	ug/L	96
23) Bromochloromethane	7.519	128	5524	2.634	ug/L #	73
25) Chloroform	7.677	83	22534	2.813	ug/L	94
27) 1,2-Dichloroethane	8.402	62	14458	2.828	ug/L	100
29) Cyclohexane	7.957	56	14366	2.459	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	18249	2.788	ug/L	94
33) Benzene	8.323	78	46614	2.870	ug/L	100
34) Trichloroethene	9.091	95	12165	2.765	ug/L	92
35) Methylcyclohexane	9.335	83	18082	2.503	ug/L	95
37) 1,2-Dichloropropane	9.366	63	11116	2.897	ug/L #	95
38) Bromodichloromethane	9.652	83	15875	2.951	ug/L #	94
39) cis-1,3-Dichloropropene	10.073	75	15864	2.658	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	11720	5.568	ug/L	96
42) Toluene	10.390	91	46616	2.548	ug/L	100
44) trans-1,3-Dichloropropene	10.609	75	13568	2.584	ug/L	90
45) 1,1,2-Trichloroethane	10.786	97	8483	2.745	ug/L	93
46) Tetrachloroethene	10.859	164	8983	2.594	ug/L	82
48) 2-Hexanone	10.969	43	7033	5.155	ug/L	95
49) Dibromochloromethane	11.128	129	9688	2.583	ug/L	100

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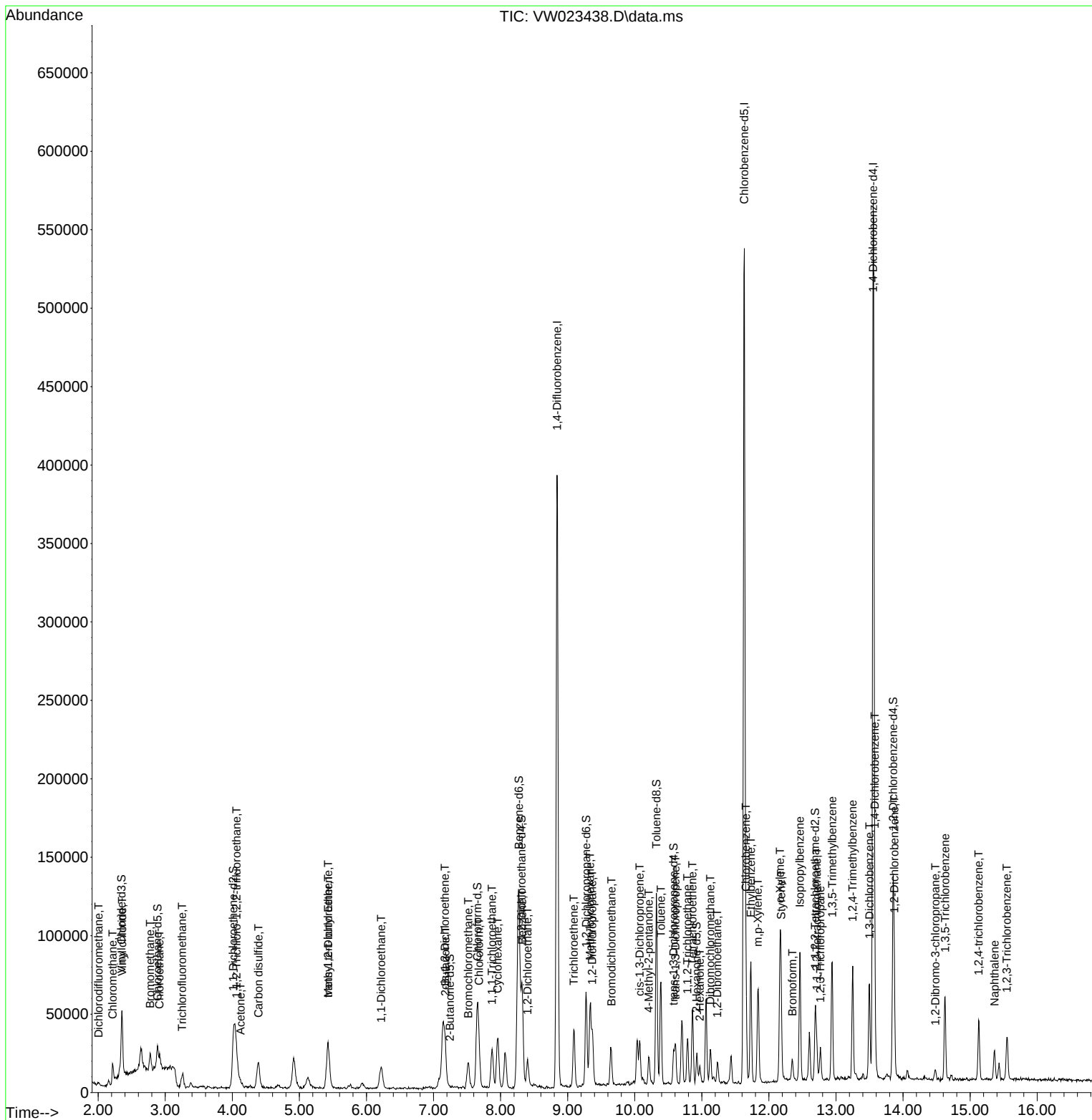
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 Quant Title : SFAM01.0
 QLast Update : Fri Jun 10 11:40:18 2022
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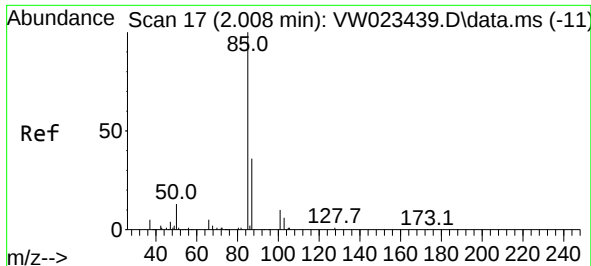
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

50) 1,2-Dibromoethane	11.231	107	7855	2.610	ug/L	89
51) Chlorobenzene	11.658	112	31211	2.604	ug/L	98
52) Ethylbenzene	11.731	91	50634	2.508	ug/L	97
53) m,p-Xylene	11.835	106	18270	2.337	ug/L	100
54) o-Xylene	12.164	106	16922	2.248	ug/L	90
55) Styrene	12.182	104	29090	2.238	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	9665	2.565	ug/L #	91
59) Bromoform	12.353	173	4774	2.588	ug/L #	96
60) Isopropylbenzene	12.463	105	47509	2.493	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	7397	2.990	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	36972	2.333	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	36328	2.319	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	22728	2.643	ug/L	89
65) 1,4-Dichlorobenzene	13.578	146	24175	2.735	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	20608	2.614	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	1672	3.187	ug/L #	65
69) 1,3,5-Trichlorobenzene	14.627	180	13727	2.402	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	10066	2.289	ug/L	98
71) Naphthalene	15.365	128	15273	1.846	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	7473	1.940	ug/L	91

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

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Quant Title : SFAM01.0
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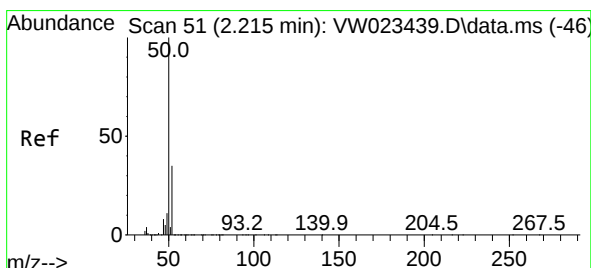
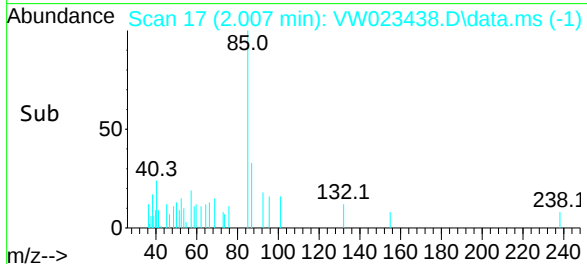
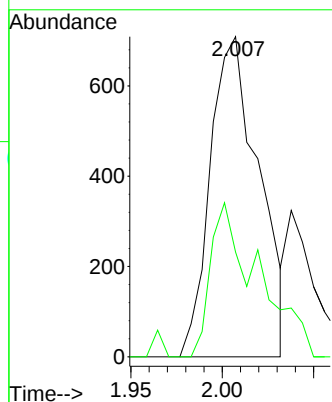
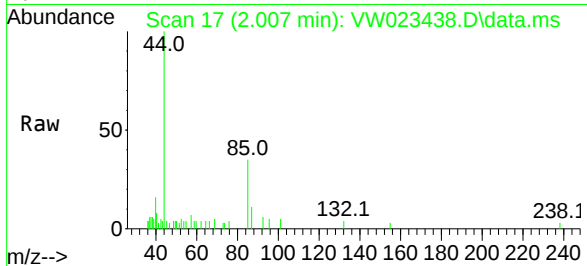




#2
 Dichlorodifluoromethane
 Concen: 1.218 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023438.D
 Acq: 10 Jun 2022 10:23

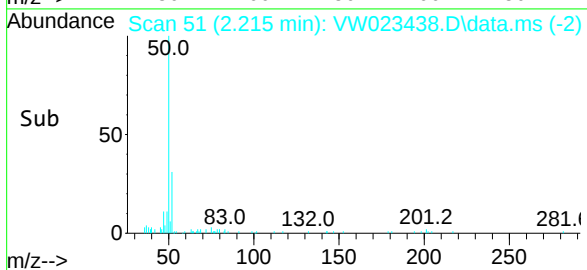
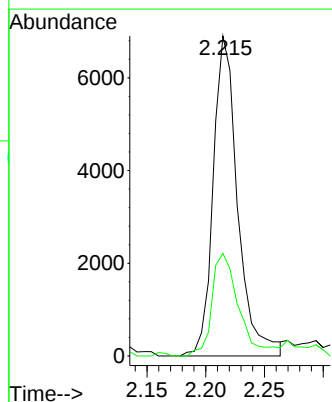
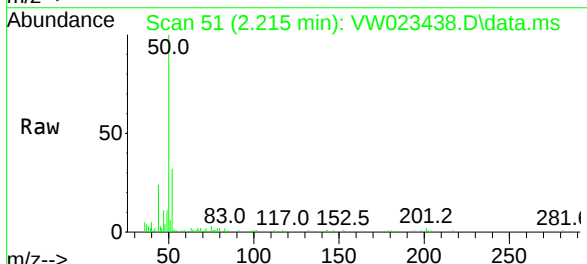
Instrument :
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 ClientSampleId :

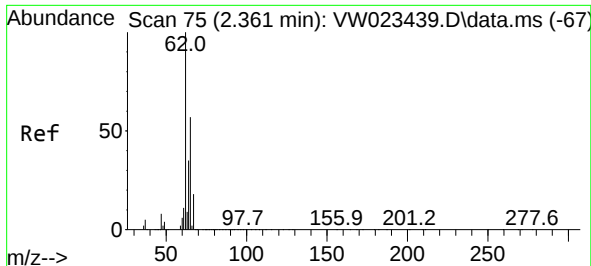
Tgt Ion: 85 Resp: 1315
 Ion Ratio Lower Upper
 85 100
 87 29.2 27.8 41.8



#3
 Chloromethane
 Concen: 2.738 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023438.D
 Acq: 10 Jun 2022 10:23

Tgt Ion: 50 Resp: 10057
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.1 42.9





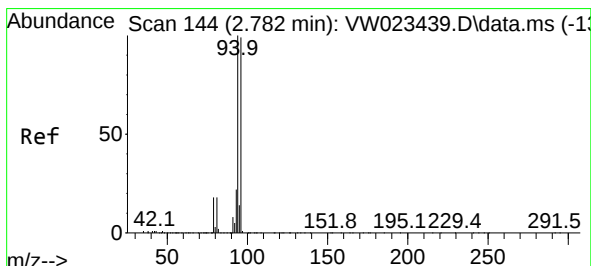
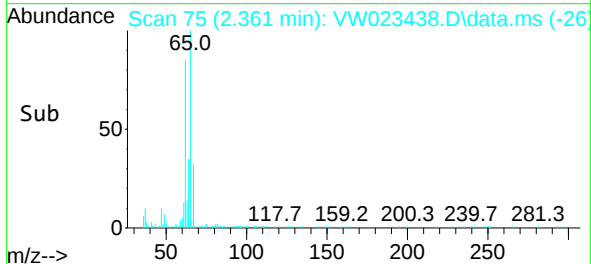
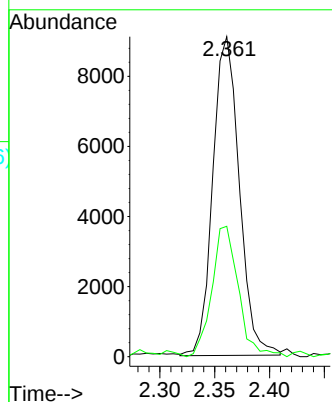
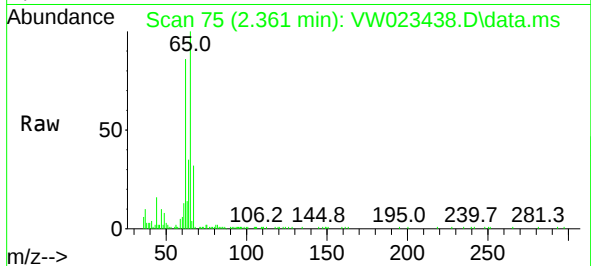
#5
 Vinyl chloride
 Concen: 2.685 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW023438.D
 Acq: 10 Jun 2022 10:23

Instrument :

MSVOA_W

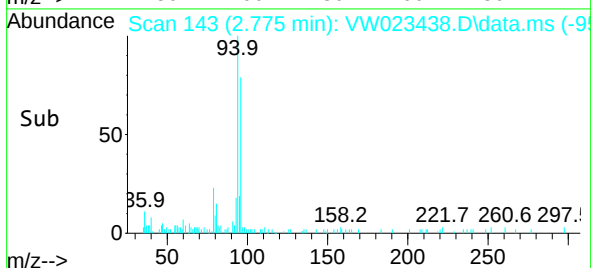
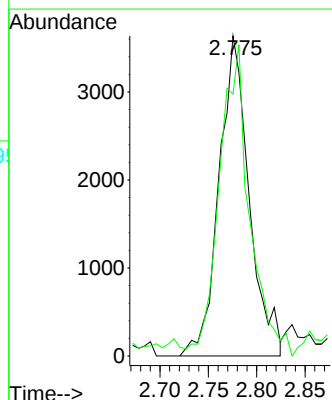
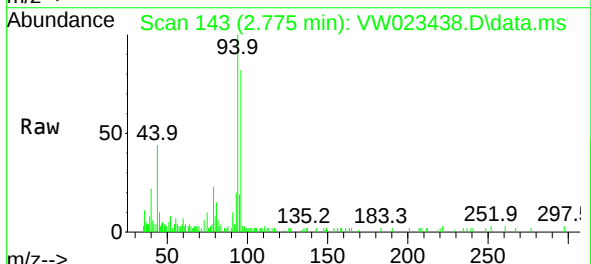
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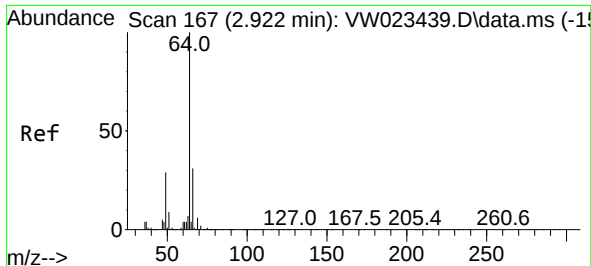
Tgt Ion: 62 Resp: 15318
 Ion Ratio Lower Upper
 62 100
 64 40.7 24.9 46.3



#6
 Bromomethane
 Concen: 2.527 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW023438.D
 Acq: 10 Jun 2022 10:23

Tgt Ion: 94 Resp: 7898
 Ion Ratio Lower Upper
 94 100
 96 81.9 61.7 114.5





#8

Chloroethane

Concen: 2.350 ug/L

RT: 2.916 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

Instrument :

MSVOA_W

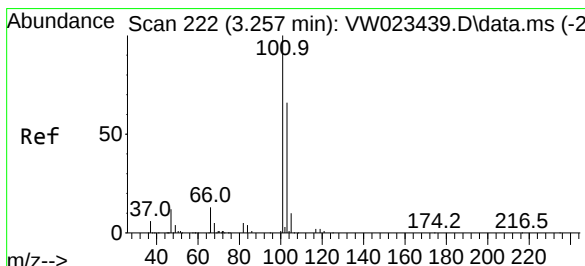
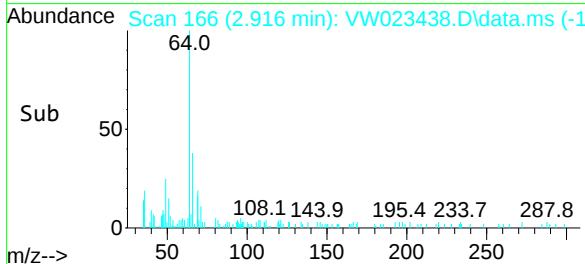
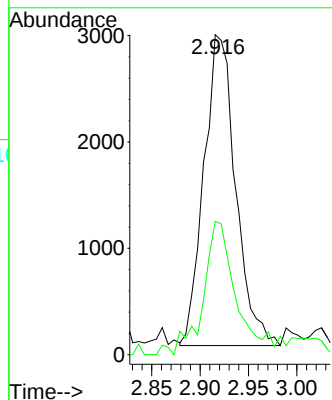
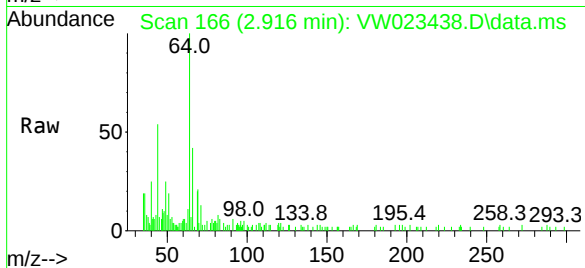
ClientSampleId :

Tgt Ion: 64 Resp: 6677

Ion Ratio Lower Upper

64 100

66 41.6 23.4 43.6



#9

Trichlorofluoromethane

Concen: 2.560 ug/L

RT: 3.251 min Scan# 221

Delta R.T. -0.006 min

Lab File: VW023438.D

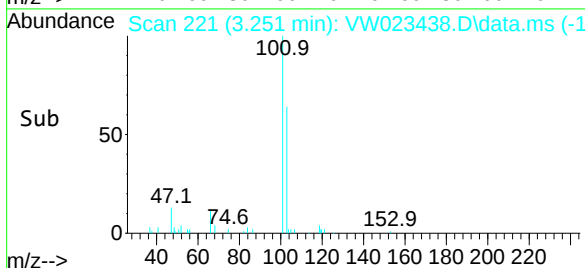
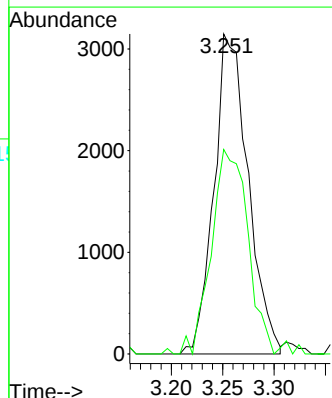
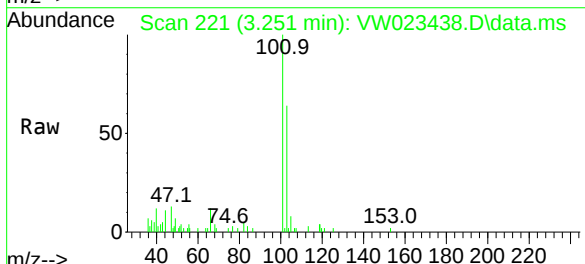
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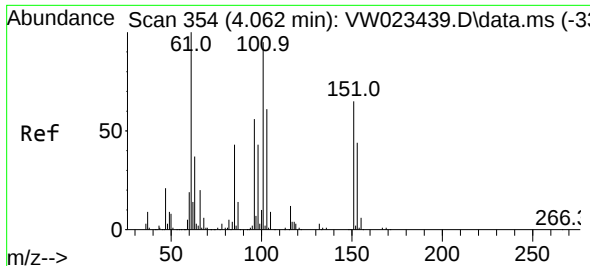
Tgt Ion: 101 Resp: 7267

Ion Ratio Lower Upper

101 100

103 66.9 53.9 80.9

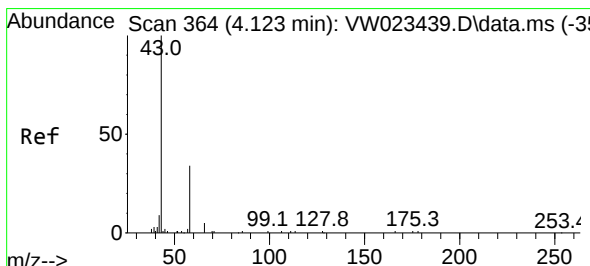
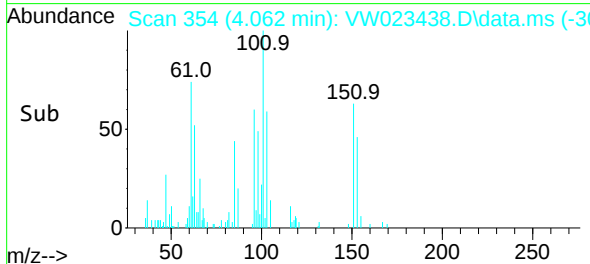
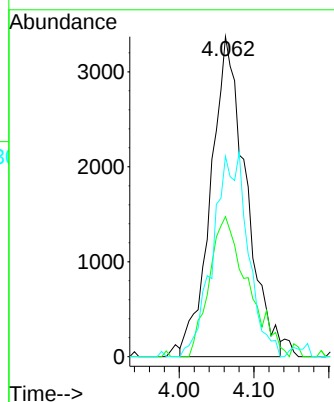
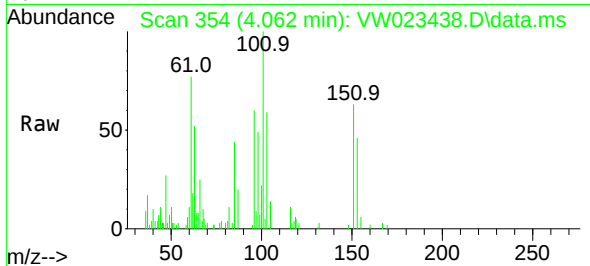




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.749 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW023438.D
 Acq: 10 Jun 2022 10:23

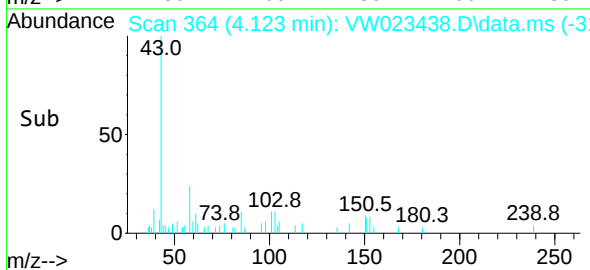
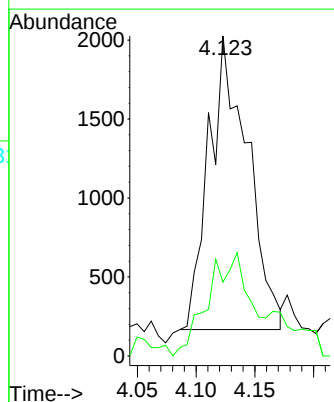
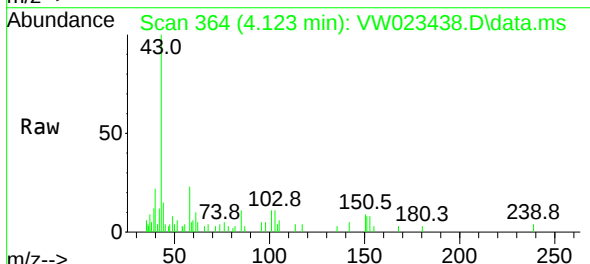
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 MSVOA_W
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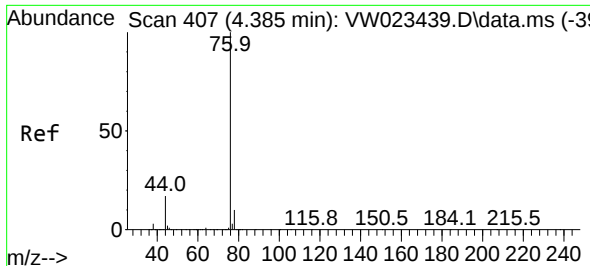
Tgt Ion:101 Resp: 11026
 Ion Ratio Lower Upper
 101 100
 85 44.0 34.3 51.5
 151 30.3 54.2 81.2#



#13
 Acetone
 Concen: 6.109 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. -0.000 min
 Lab File: VW023438.D
 Acq: 10 Jun 2022 10:23

Tgt Ion: 43 Resp: 4260
 Ion Ratio Lower Upper
 43 100
 58 8.9 0.0 64.0

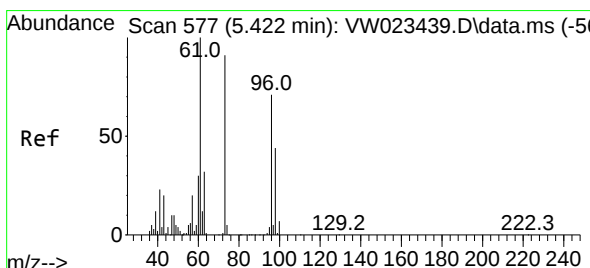
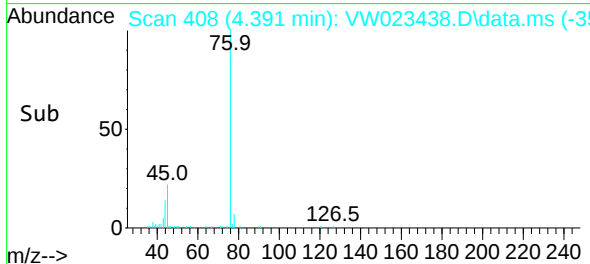
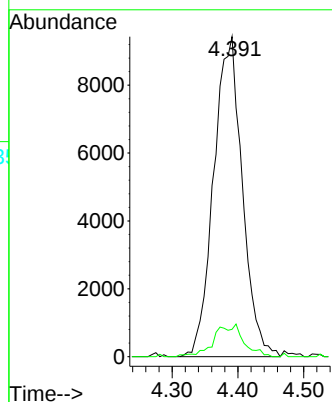
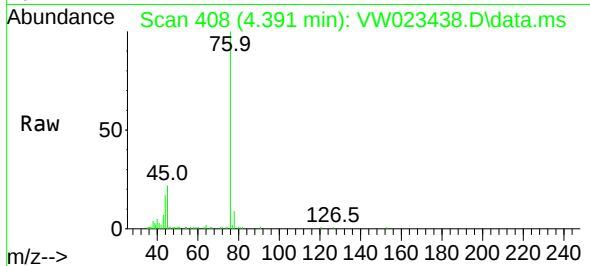




#14
Carbon disulfide
Concen: 2.527 ug/L
RT: 4.391 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW023438.D
Acq: 10 Jun 2022 10:23

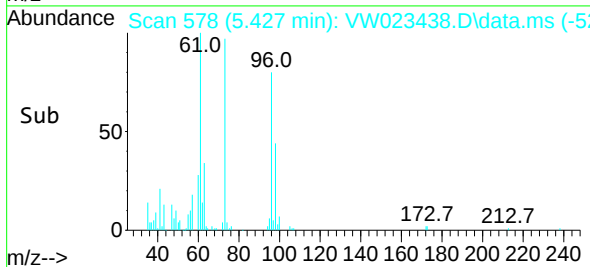
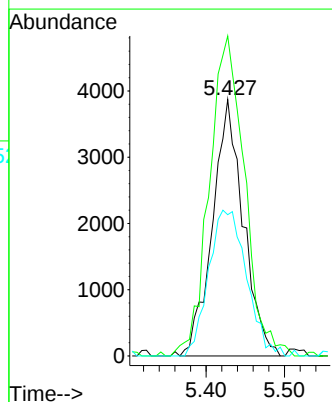
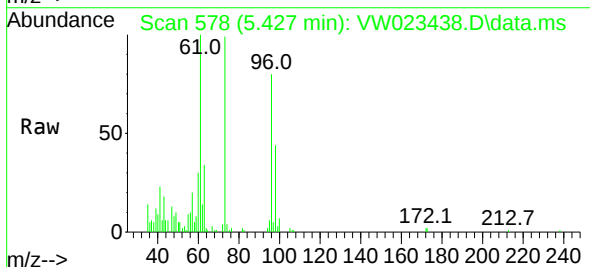
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ClientSampleId :

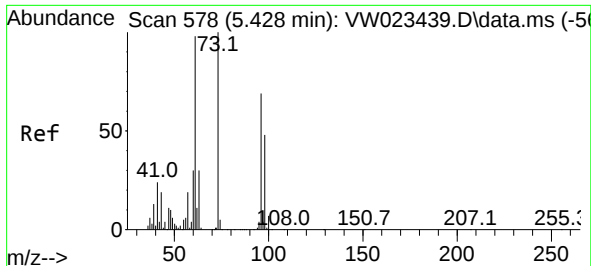
Tgt Ion: 76 Resp: 28554
Ion Ratio Lower Upper
76 100
78 8.5 7.7 11.5



#17
trans-1,2-Dichloroethene
Concen: 2.508 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023438.D
Acq: 10 Jun 2022 10:23

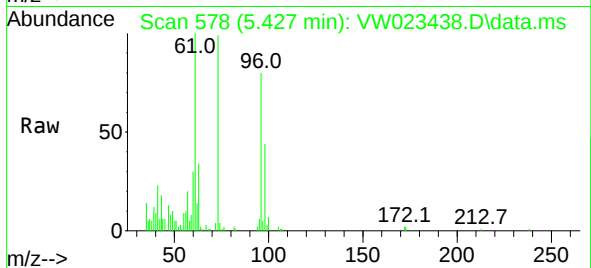
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Ion Ratio Lower Upper
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61 124.8 92.2 171.2
98 55.1 42.9 79.7



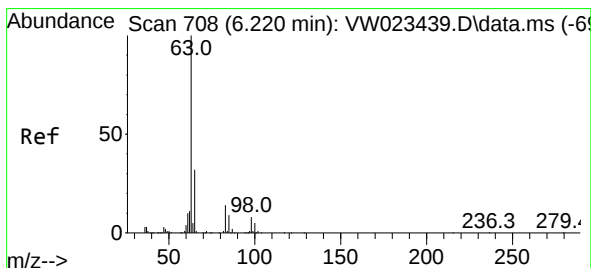
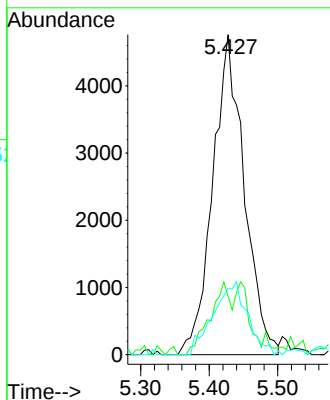
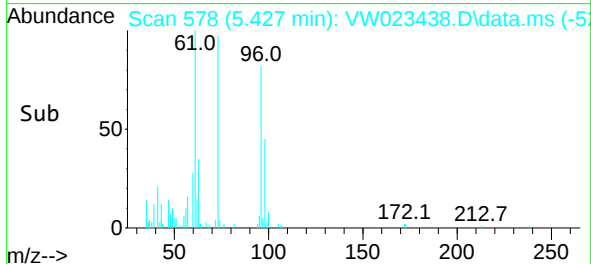


#18
Methyl tert-butyl Ether
Concen: 2.448 ug/L
RT: 5.427 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW023438.D
Acq: 10 Jun 2022 10:23

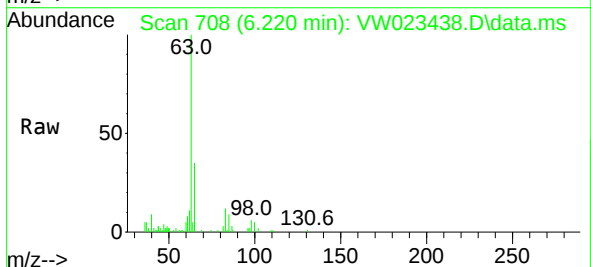
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ClientSampleId :



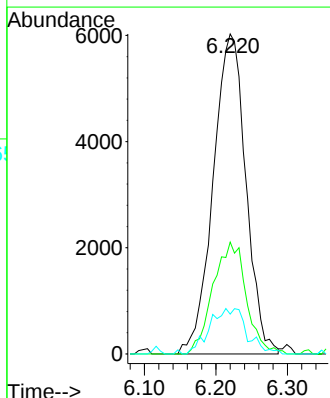
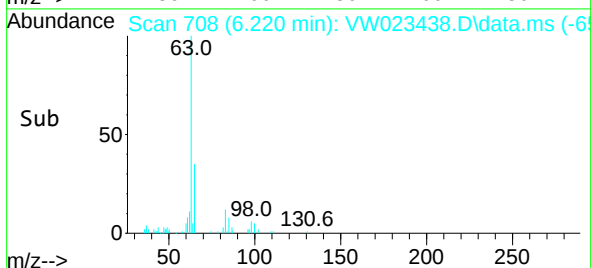
Tgt Ion: 73 Resp: 15186
Ion Ratio Lower Upper
73 100
43 15.1 15.9 23.9#
57 0.0 16.5 24.7#

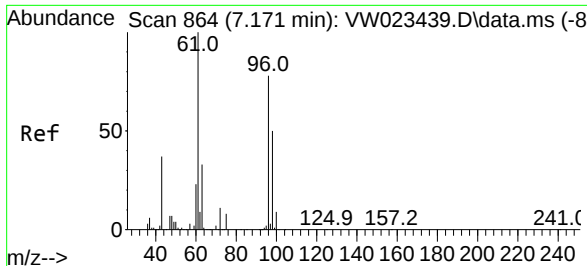


#19
1,1-Dichloroethane
Concen: 2.654 ug/L
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW023438.D
Acq: 10 Jun 2022 10:23



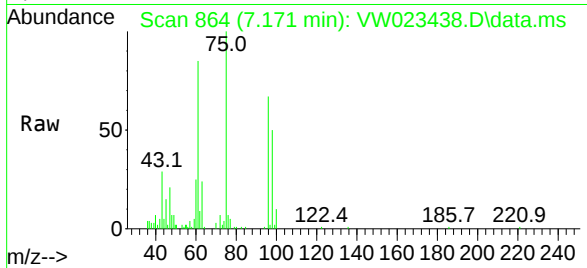
Tgt Ion: 63 Resp: 19152
Ion Ratio Lower Upper
63 100
65 35.0 23.3 43.3
83 12.4 11.1 20.5



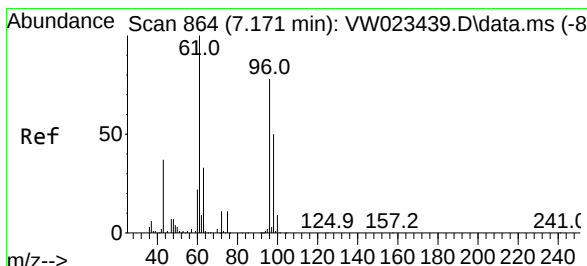
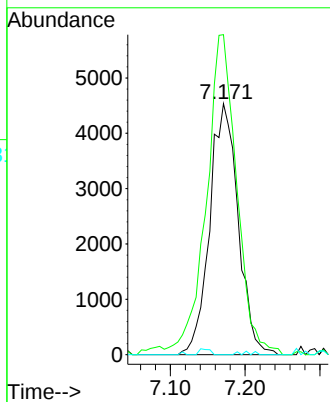
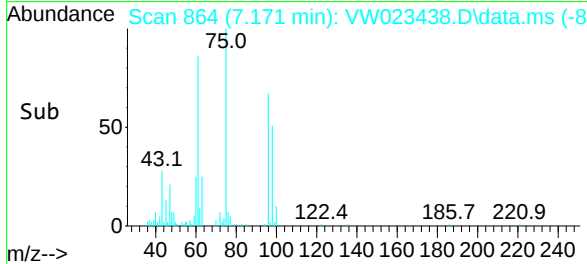


#20
 cis-1,2-Dichloroethene
 Concen: 2.680 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW023438.D
 Acq: 10 Jun 2022 10:23

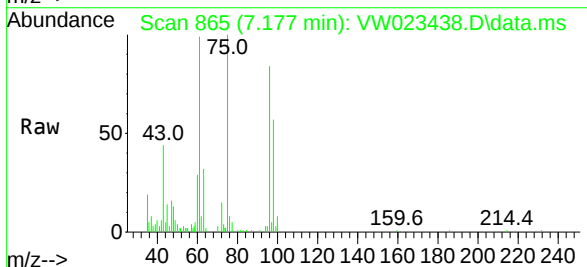
Instrument :
 MSVOA_W
 ClientSampleId :



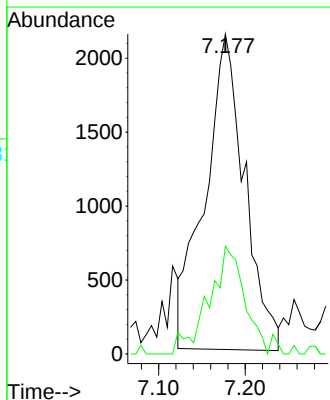
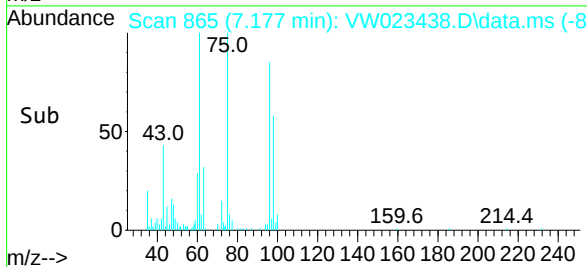
Tgt Ion: 96 Resp: 12000
 Ion Ratio Lower Upper
 96 100
 61 127.4 84.2 156.4
 68 0.0 0.1 0.1#

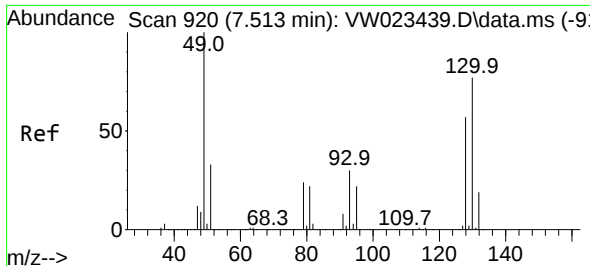


#22
 2-Butanone
 Concen: 6.558 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VW023438.D
 Acq: 10 Jun 2022 10:23



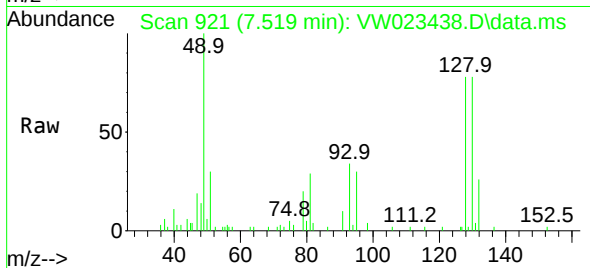
Tgt Ion: 43 Resp: 6811
 Ion Ratio Lower Upper
 43 100
 72 28.0 15.1 45.3



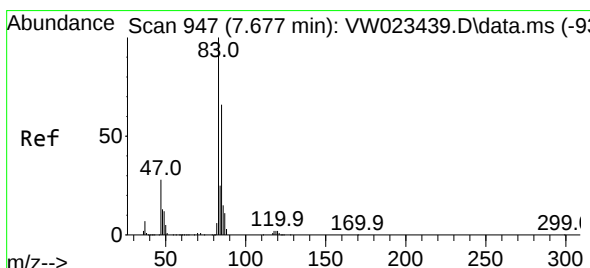
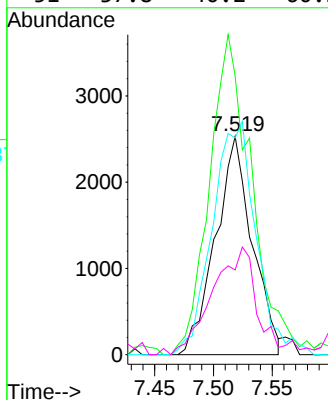
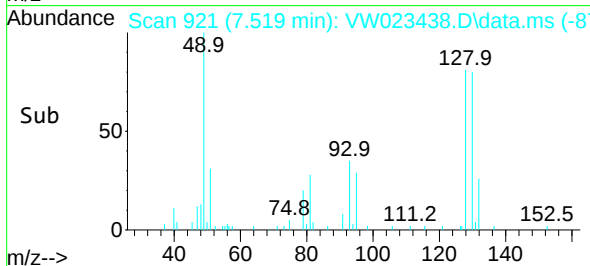


#23
Bromochloromethane
Concen: 2.634 ug/L
RT: 7.519 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW023438.D
Acq: 10 Jun 2022 10:23

Instrument :
MSVOA_W
ClientSampleId :

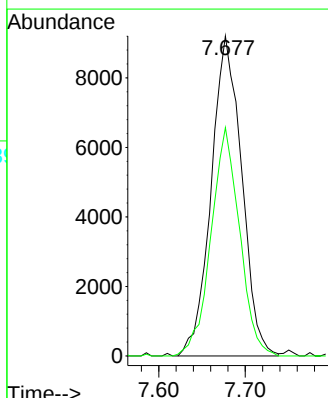
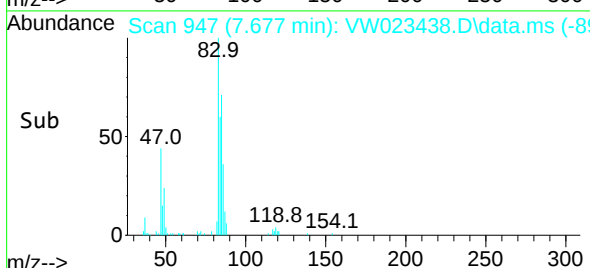
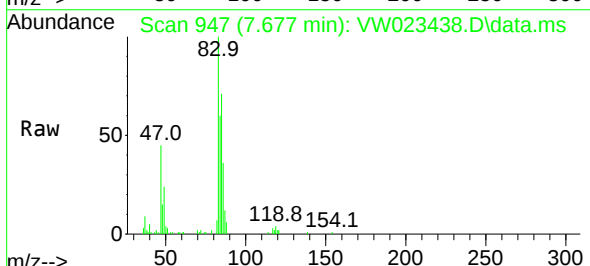


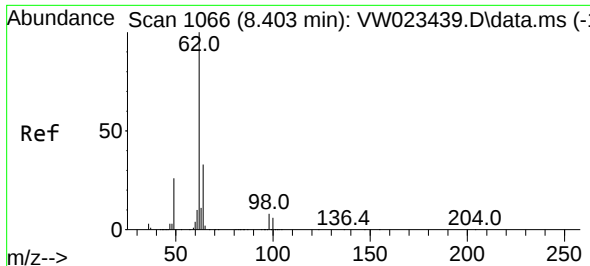
Tgt Ion:128 Resp: 5524
Ion Ratio Lower Upper
128 100
49 124.1 110.0 204.4
130 96.5 94.8 176.0
51 37.8 40.2 60.2#



#25
Chloroform
Concen: 2.813 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023438.D
Acq: 10 Jun 2022 10:23

Tgt Ion: 83 Resp: 22534
Ion Ratio Lower Upper
83 100
85 71.3 46.6 86.6





#27

1,2-Dichloroethane

Concen: 2.828 ug/L

RT: 8.402 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

Instrument :

MSVOA_W

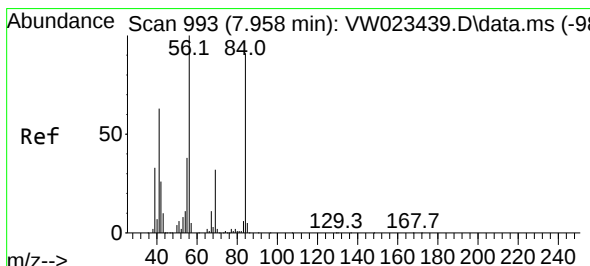
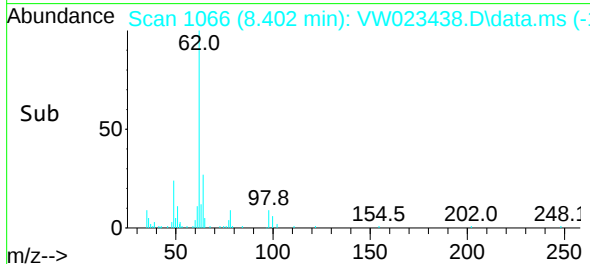
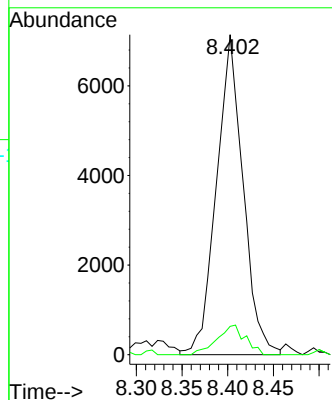
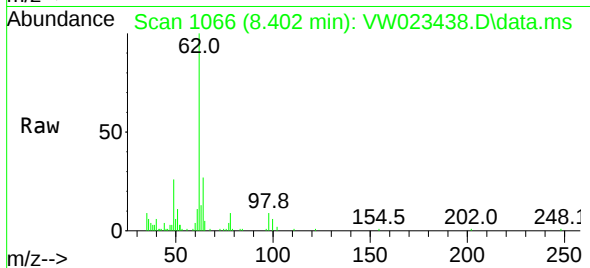
ClientSampleId :

Tgt Ion: 62 Resp: 14458

Ion Ratio Lower Upper

62 100

98 8.8 7.2 10.8



#29

Cyclohexane

Concen: 2.459 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

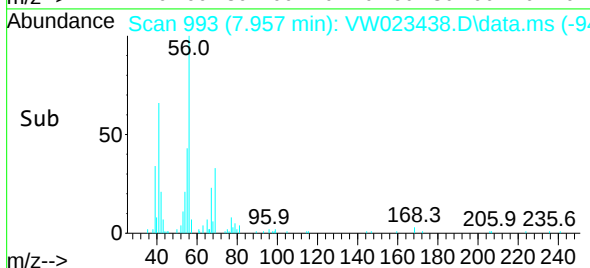
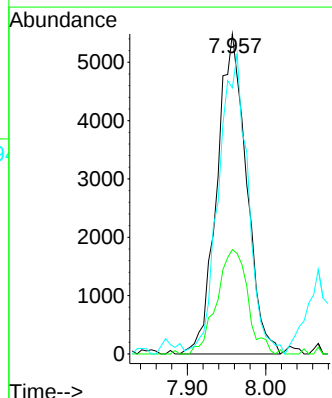
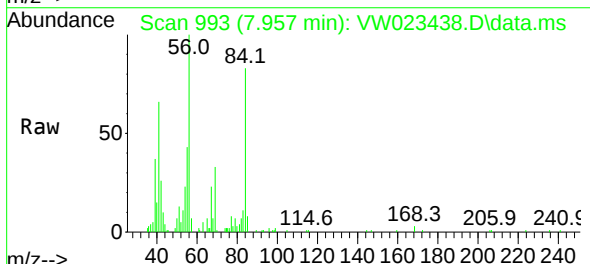
Tgt Ion: 56 Resp: 14366

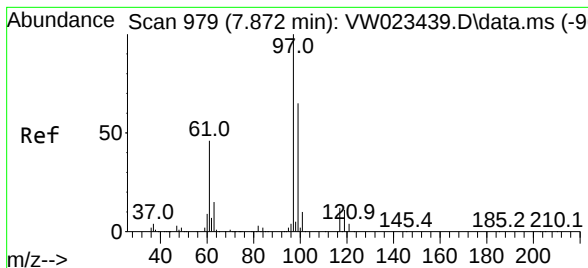
Ion Ratio Lower Upper

56 100

69 32.6 25.6 38.4

84 92.9 78.2 117.4

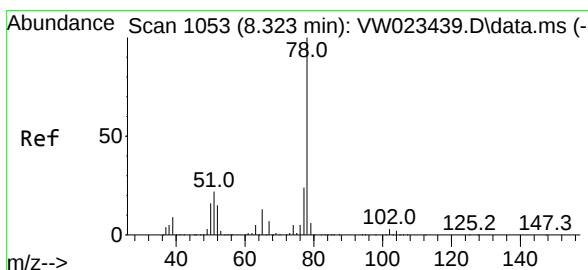
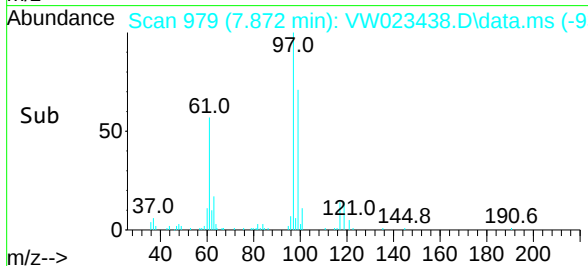
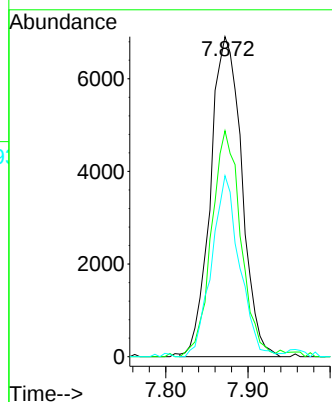
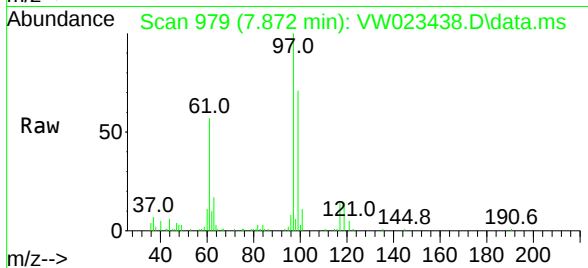




#30
1,1,1-Trichloroethane
Concen: 2.788 ug/L
RT: 7.872 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW023438.D
Acq: 10 Jun 2022 10:23

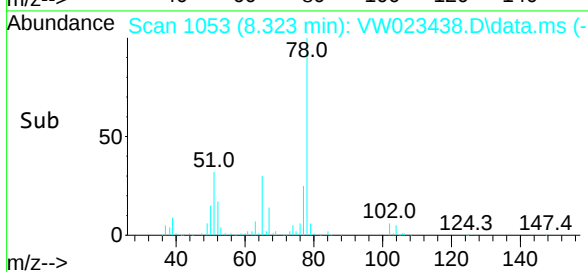
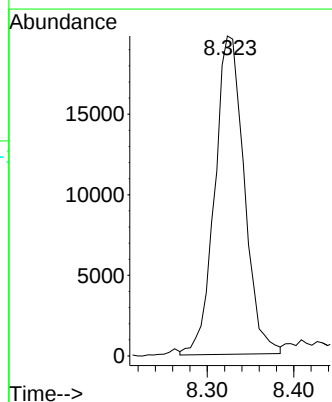
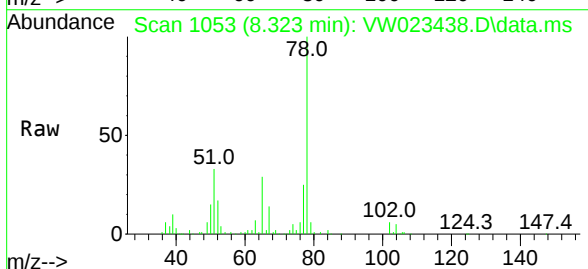
Instrument :
MSVOA_W
ClientSampleId :

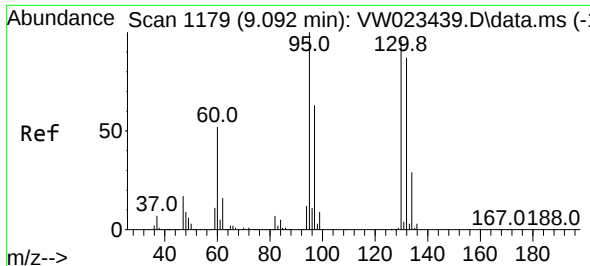
Tgt Ion: 97 Resp: 18249
Ion Ratio Lower Upper
97 100
99 66.3 51.0 76.4
61 50.1 34.8 52.2



#33
Benzene
Concen: 2.870 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023438.D
Acq: 10 Jun 2022 10:23

Tgt Ion: 78 Resp: 46614





#34

Trichloroethene

Concen: 2.765 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

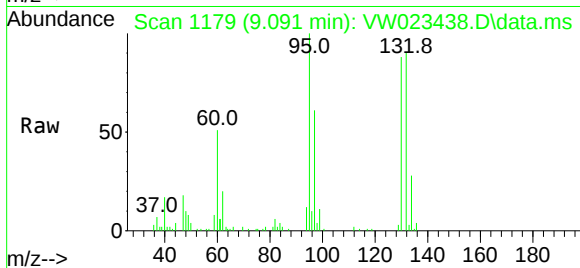
Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 12165

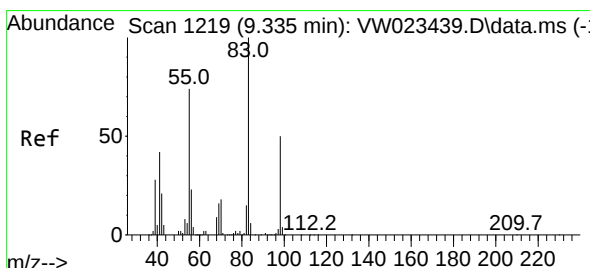
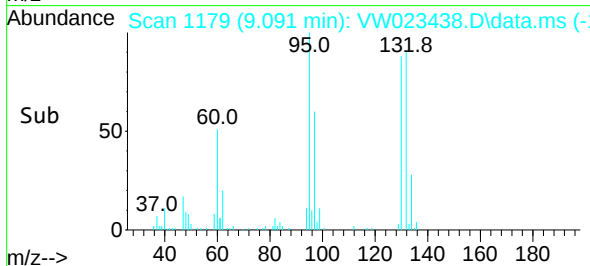
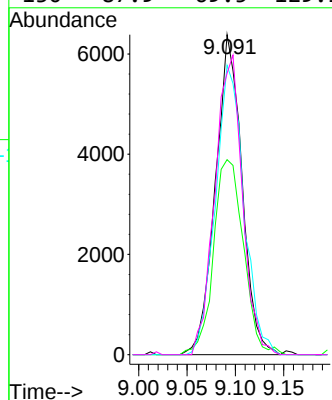
Ion Ratio Lower Upper

95 100

97 60.9 46.1 85.7

132 90.4 66.9 124.3

130 87.9 69.5 129.1



#35

Methylcyclohexane

Concen: 2.503 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

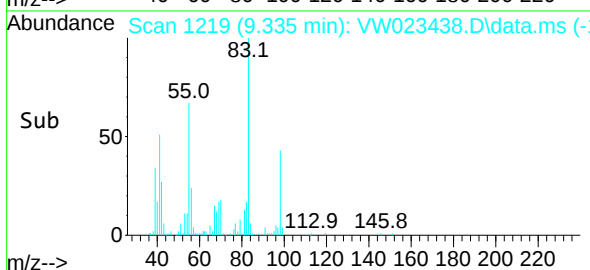
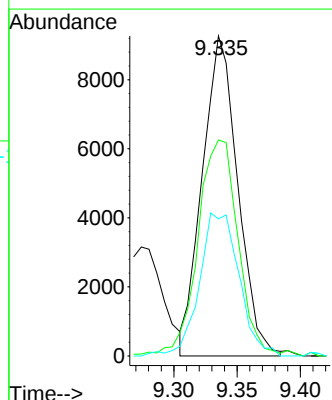
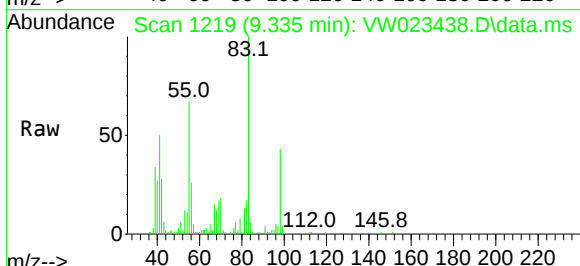
Tgt Ion: 83 Resp: 18082

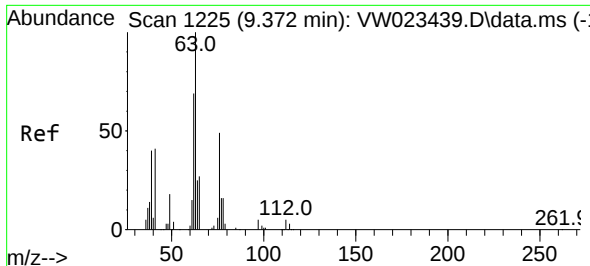
Ion Ratio Lower Upper

83 100

55 75.1 55.1 82.7

98 49.5 40.4 60.6





#37

1,2-Dichloropropane

Concen: 2.897 ug/L

RT: 9.366 min Scan# 11116

Delta R.T. -0.006 min

Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

Instrument :

MSVOA_W

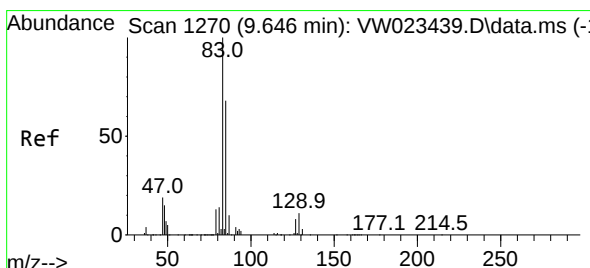
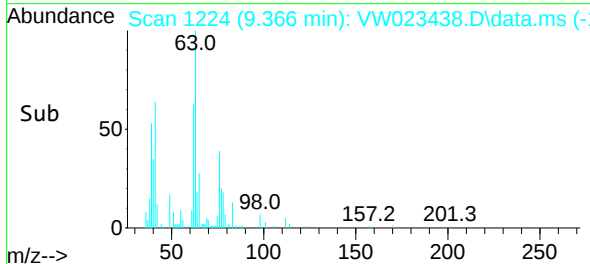
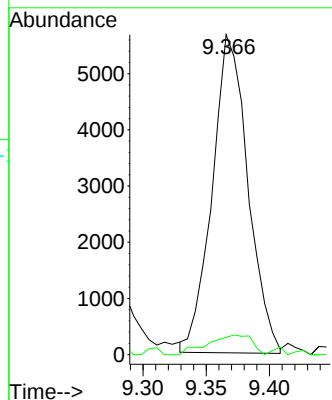
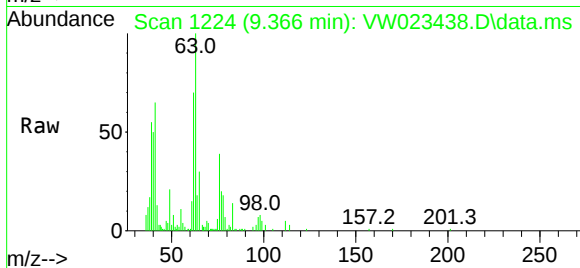
ClientSampleId :

Tgt Ion: 63 Resp: 11116

Ion Ratio Lower Upper

63 100

112 6.3 3.8 5.8#



#38

Bromodichloromethane

Concen: 2.951 ug/L

RT: 9.652 min Scan# 1271

Delta R.T. 0.006 min

Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

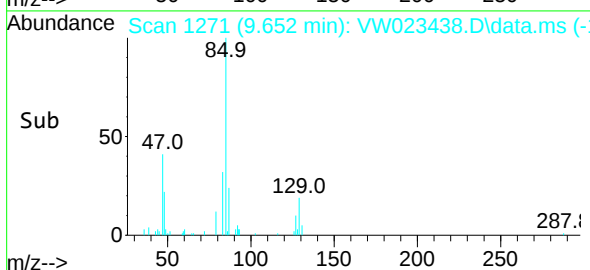
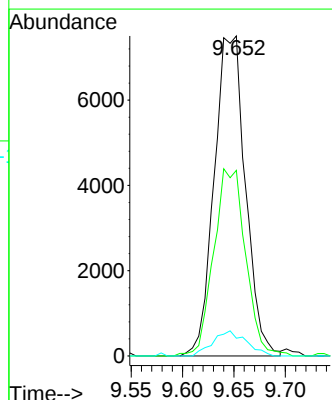
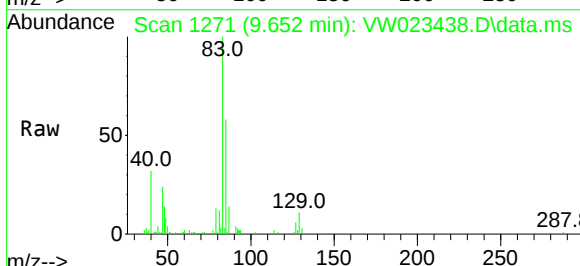
Tgt Ion: 83 Resp: 15875

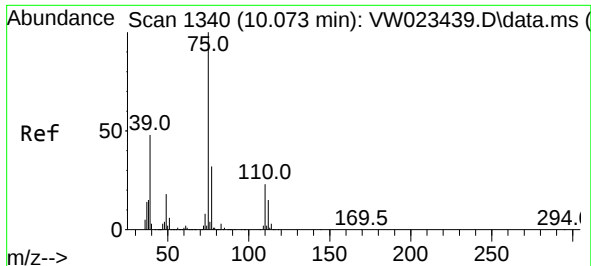
Ion Ratio Lower Upper

83 100

85 58.0 43.5 80.7

127 5.6 7.1 10.7#

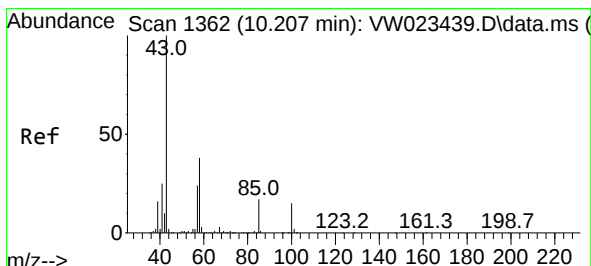
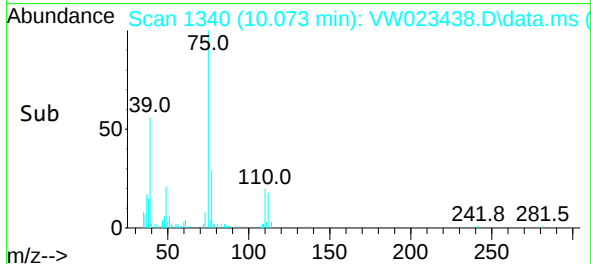
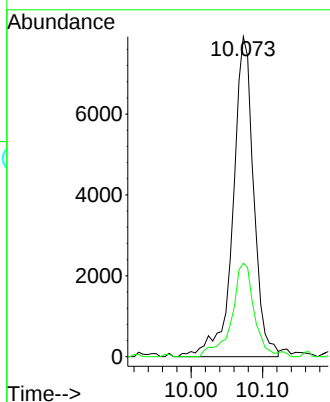
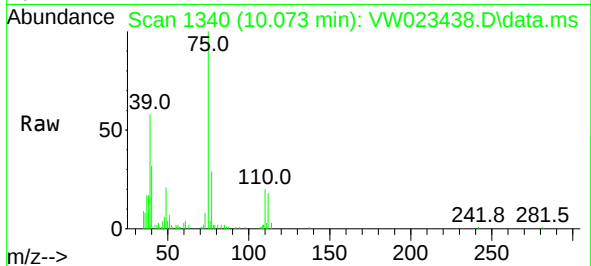




#39
 cis-1,3-Dichloropropene
 Concen: 2.658 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023438.D
 Acq: 10 Jun 2022 10:23

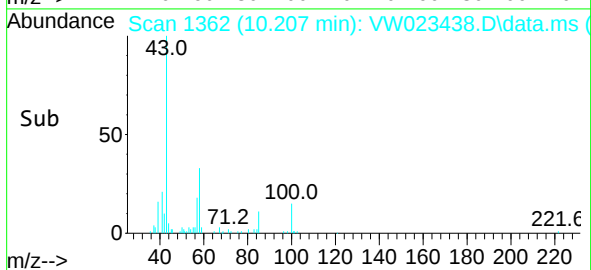
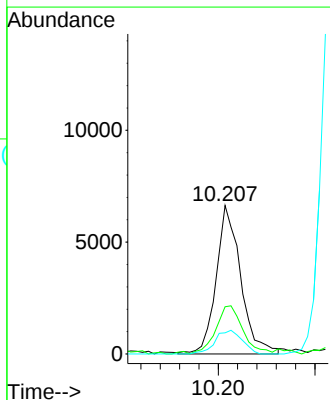
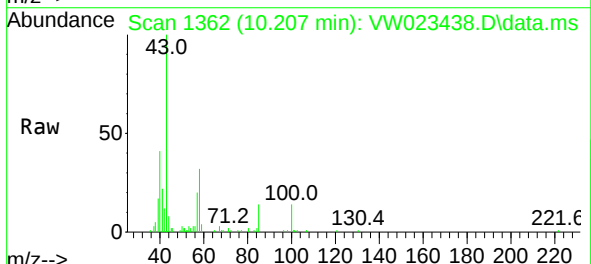
Instrument :
 MSVOA_W
 ClientSampleId :

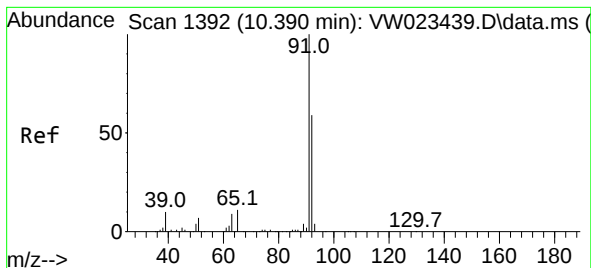
Tgt Ion: 75 Resp: 15864
 Ion Ratio Lower Upper
 75 100
 77 29.3 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 5.568 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW023438.D
 Acq: 10 Jun 2022 10:23

Tgt Ion: 43 Resp: 11720
 Ion Ratio Lower Upper
 43 100
 58 35.6 31.4 47.2
 100 17.5 14.2 21.4





#42

Toluene

Concen: 2.548 ug/L

RT: 10.390 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

Instrument :

MSVOA_W

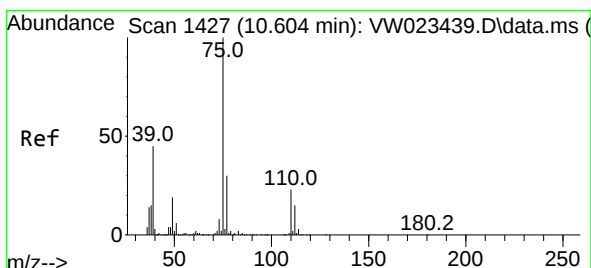
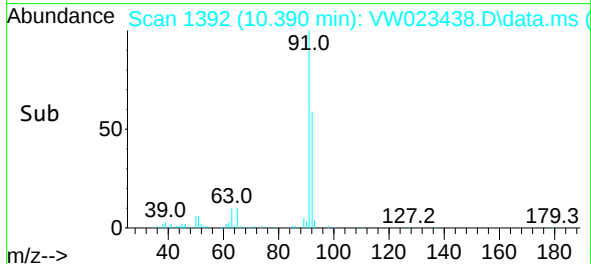
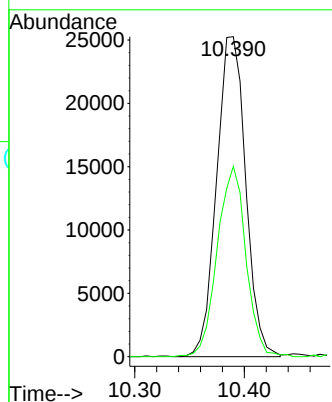
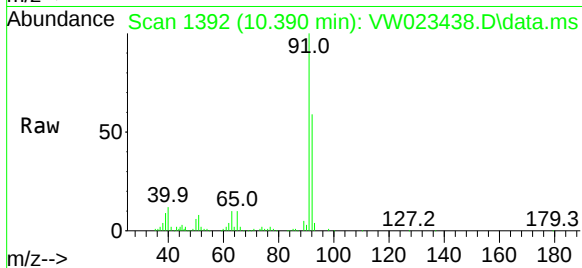
ClientSampleId :

Tgt Ion: 91 Resp: 46616

Ion Ratio Lower Upper

91 100

92 59.4 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 2.584 ug/L

RT: 10.609 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW023438.D

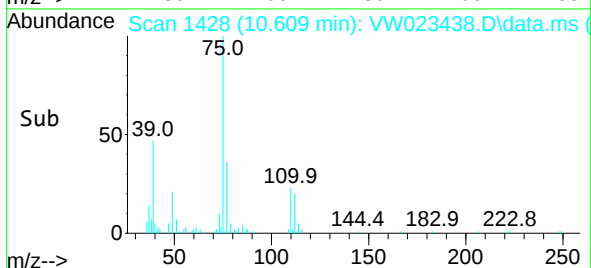
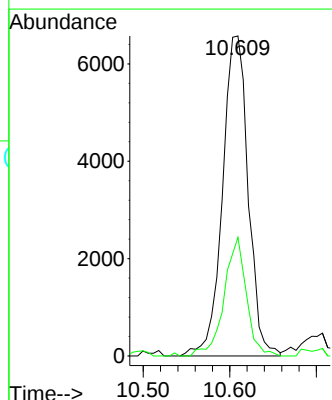
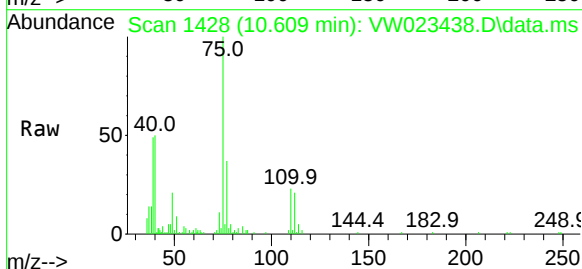
Acq: 10 Jun 2022 10:23

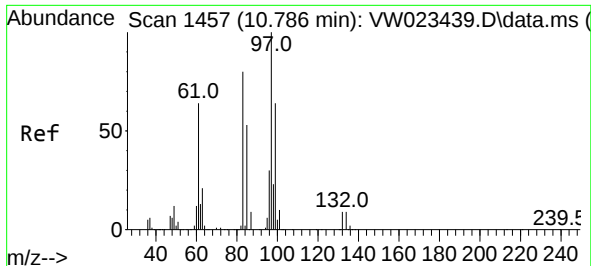
Tgt Ion: 75 Resp: 13568

Ion Ratio Lower Upper

75 100

77 37.0 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 2.745 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 8483

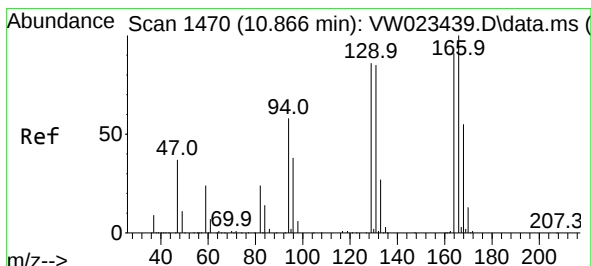
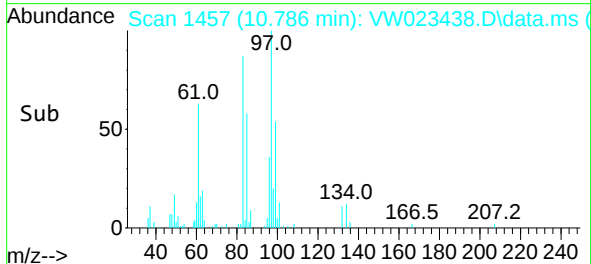
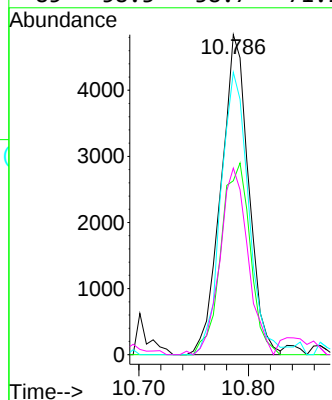
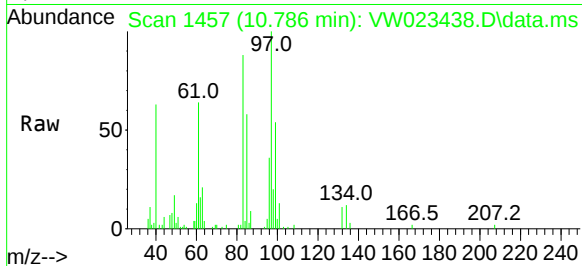
Ion Ratio Lower Upper

97 100

99 54.3 44.7 82.9

83 88.3 58.4 108.4

85 58.3 38.7 71.9



#46

Tetrachloroethene

Concen: 2.594 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

Tgt Ion:164 Resp: 8983

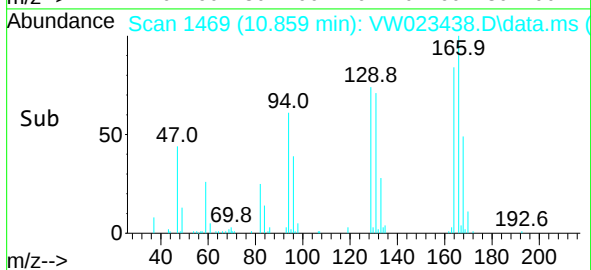
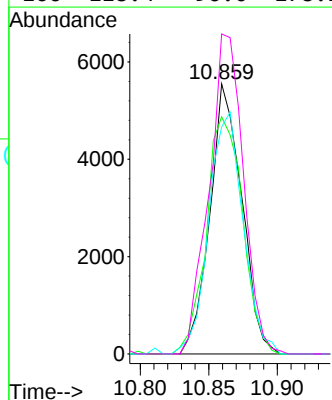
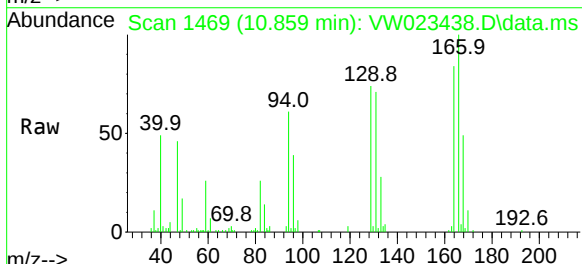
Ion Ratio Lower Upper

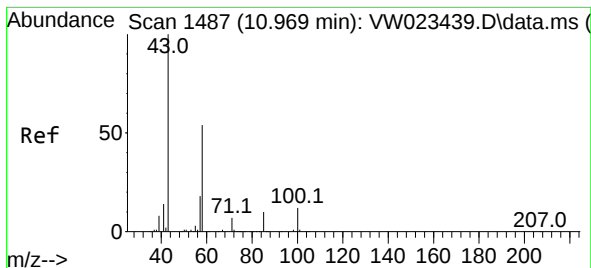
164 100

129 91.1 76.9 142.7

131 84.0 75.1 139.5

166 118.4 96.0 178.2





#48

2-Hexanone

Concen: 5.155 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

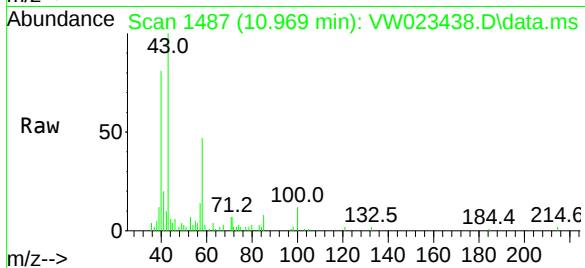
Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 7033

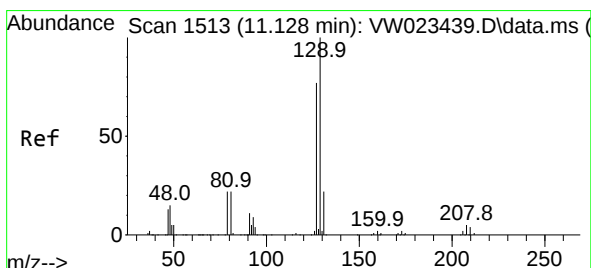
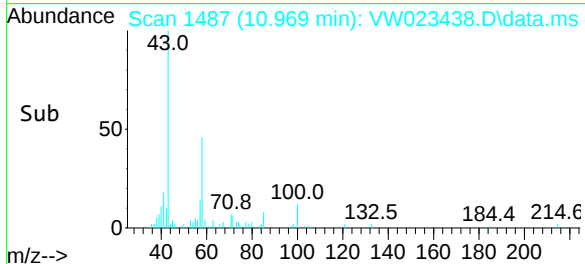
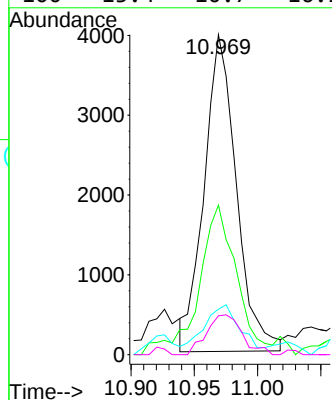
Ion Ratio Lower Upper

43 100

58 52.2 45.9 68.9

57 18.4 16.2 24.2

100 13.4 10.7 16.1



#49

Dibromochloromethane

Concen: 2.583 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW023438.D

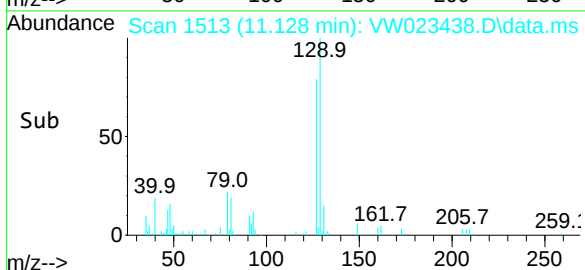
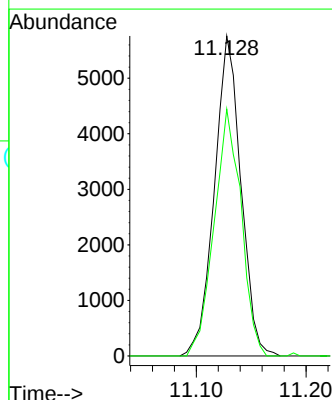
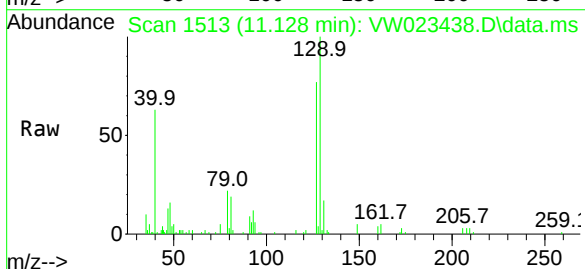
Acq: 10 Jun 2022 10:23

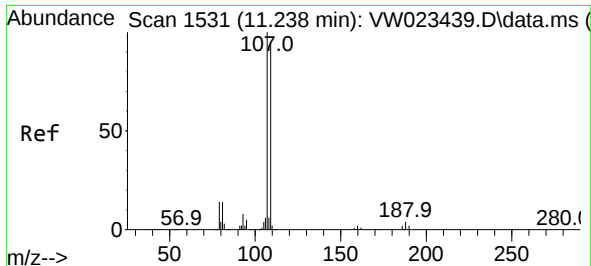
Tgt Ion: 129 Resp: 9688

Ion Ratio Lower Upper

129 100

127 77.2 53.8 100.0





#50

1,2-Dibromoethane

Concen: 2.610 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.006 min

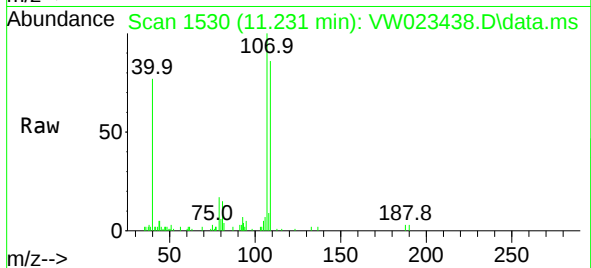
Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :



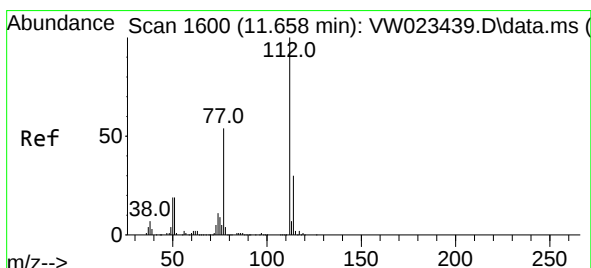
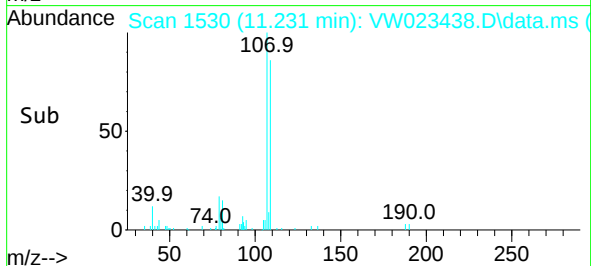
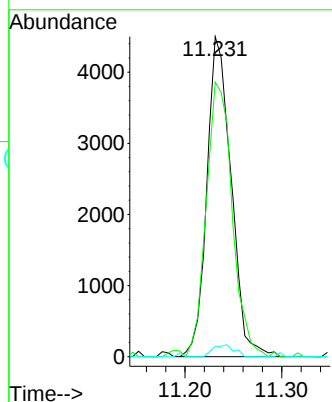
Tgt Ion:107 Resp: 7855

Ion Ratio Lower Upper

107 100

109 85.8 67.5 125.4

188 3.2 2.9 4.3



#51

Chlorobenzene

Concen: 2.604 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

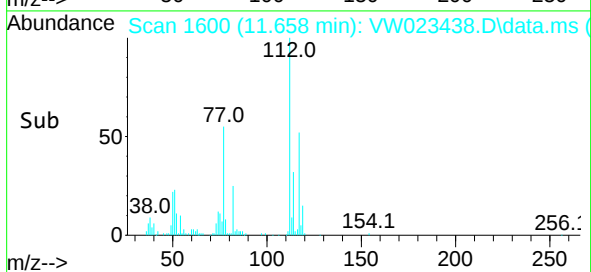
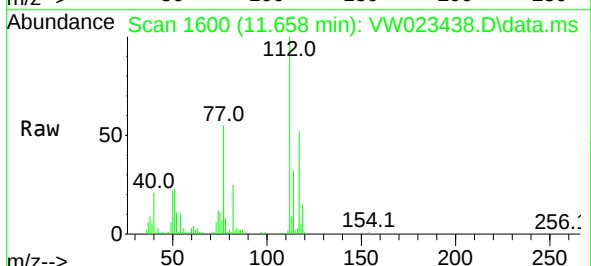
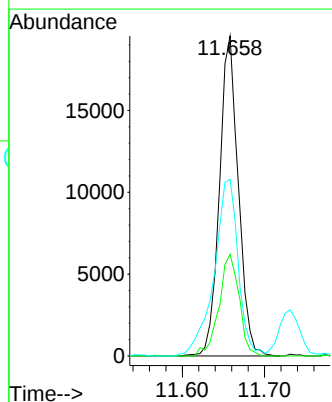
Tgt Ion:112 Resp: 31211

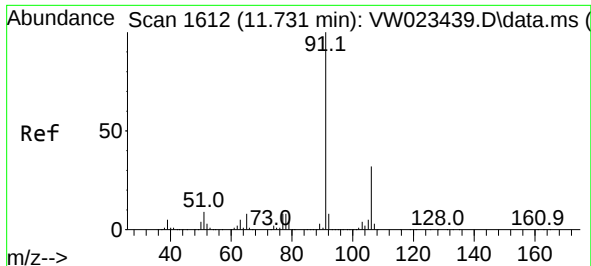
Ion Ratio Lower Upper

112 100

114 31.7 22.0 41.0

77 55.2 42.6 63.8





#52

Ethylbenzene

Concen: 2.508 ug/L

RT: 11.731 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

Instrument :

MSVOA_W

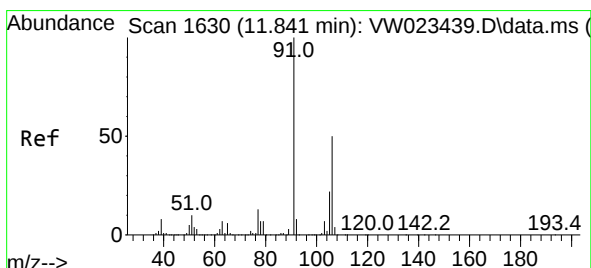
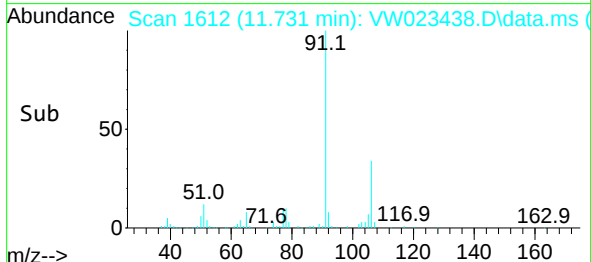
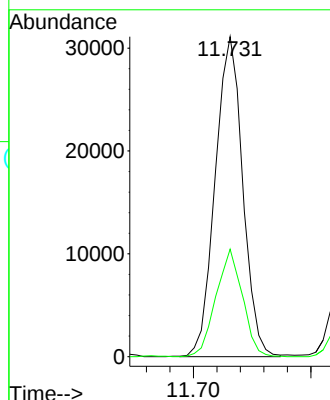
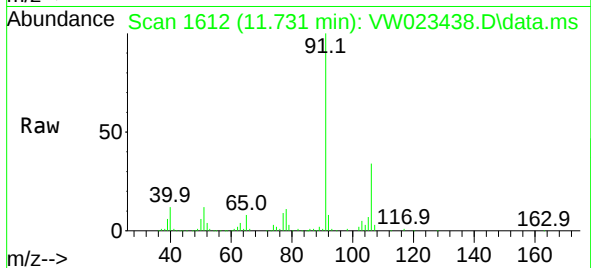
ClientSampleId :

Tgt Ion: 91 Resp: 50634

Ion Ratio Lower Upper

91 100

106 33.6 22.3 41.3



#53

m,p-Xylene

Concen: 2.337 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW023438.D

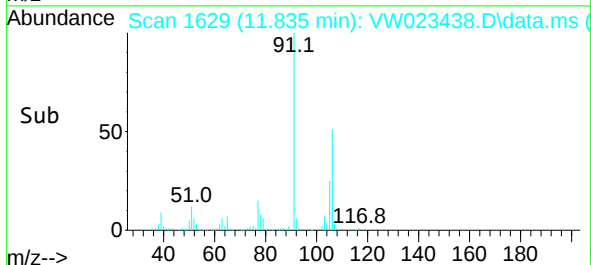
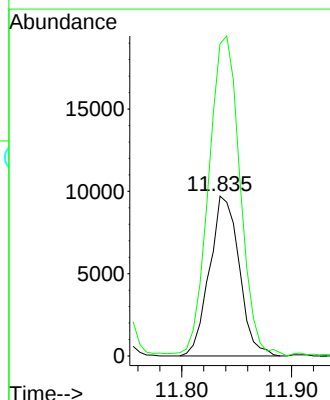
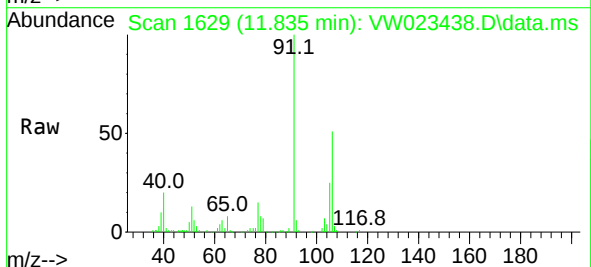
Acq: 10 Jun 2022 10:23

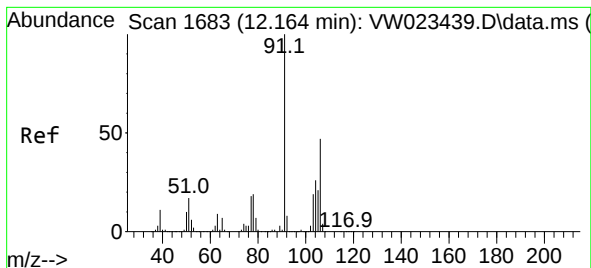
Tgt Ion: 106 Resp: 18270

Ion Ratio Lower Upper

106 100

91 195.2 136.8 254.0





#54

o-Xylene

Concen: 2.248 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

Instrument :

MSVOA_W

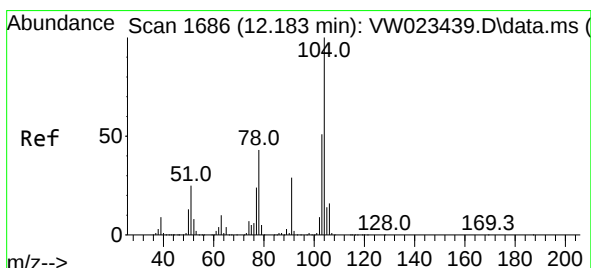
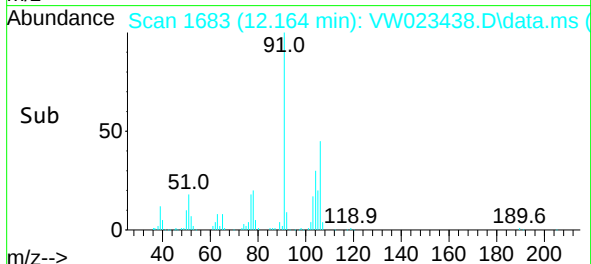
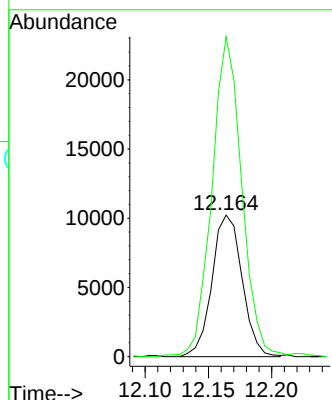
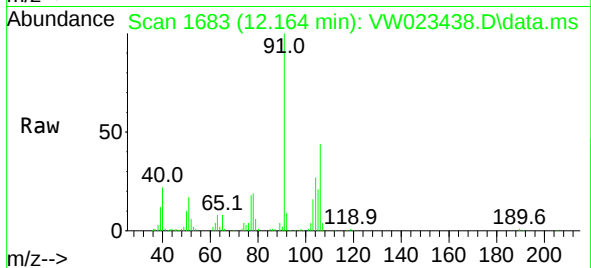
ClientSampleId :

Tgt Ion:106 Resp: 16922

Ion Ratio Lower Upper

106 100

91 226.0 147.2 273.4



#55

Styrene

Concen: 2.238 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VW023438.D

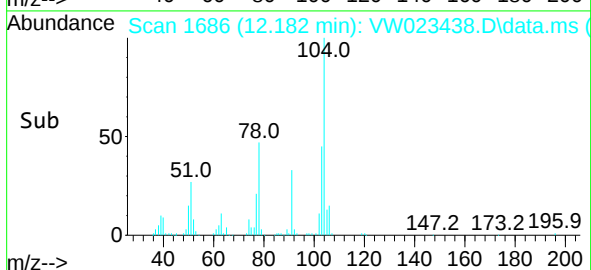
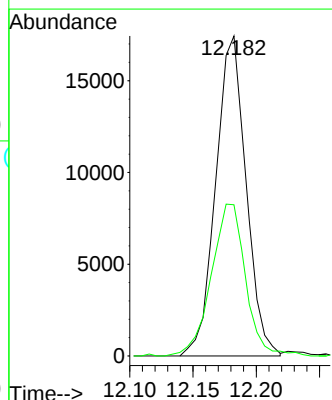
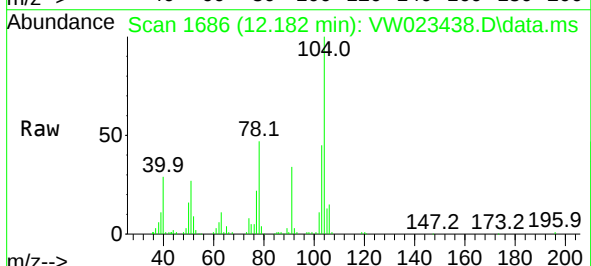
Acq: 10 Jun 2022 10:23

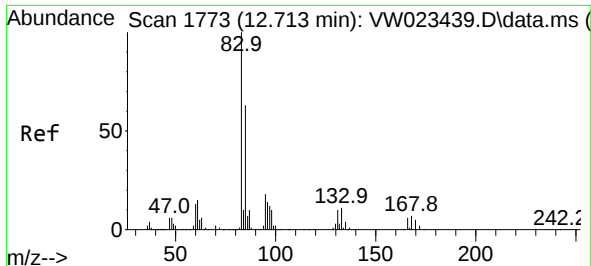
Tgt Ion:104 Resp: 29090

Ion Ratio Lower Upper

104 100

78 47.3 32.3 59.9





#57

1,1,2-Tetrachloroethane

Concen: 2.565 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

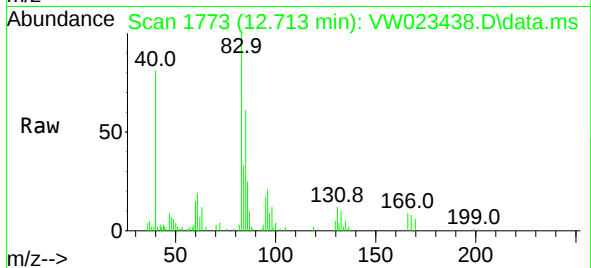
Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :



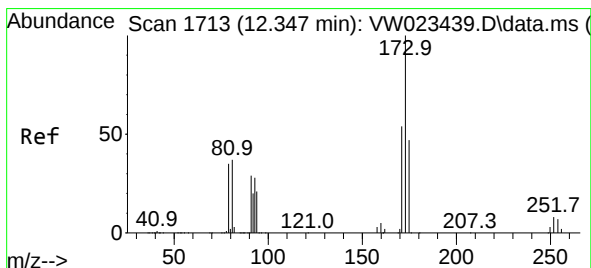
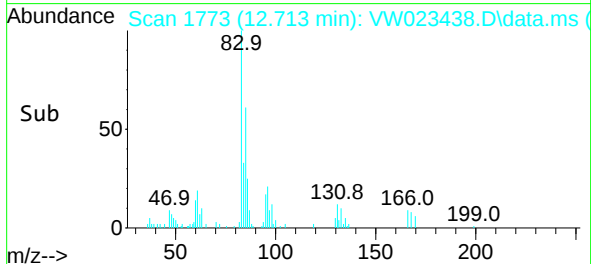
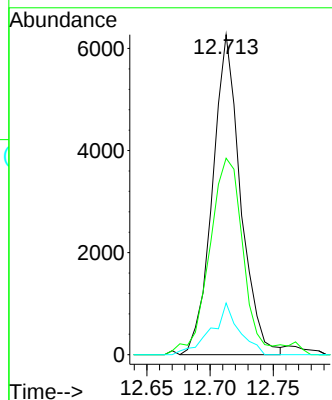
Tgt Ion: 83 Resp: 9665

Ion Ratio Lower Upper

83 100

85 61.4 47.5 88.1

131 16.2 8.7 13.1#



#59

Bromoform

Concen: 2.588 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

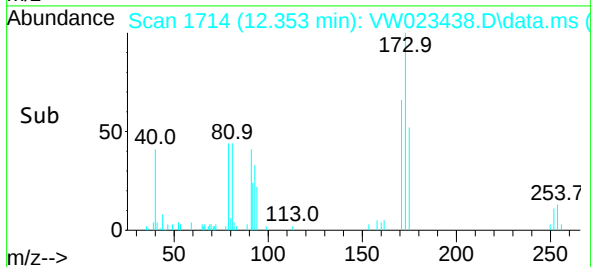
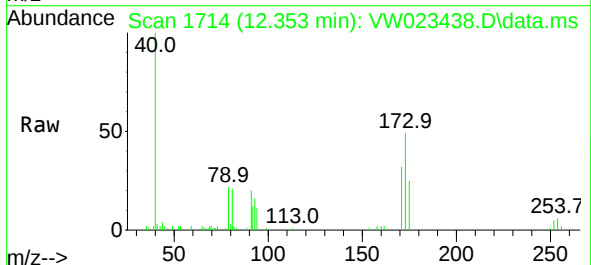
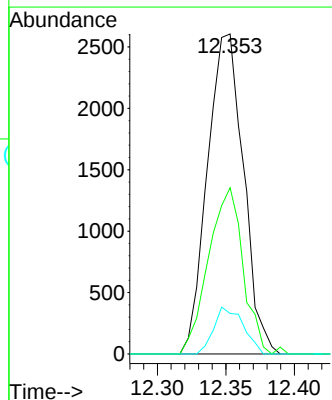
Tgt Ion:173 Resp: 4774

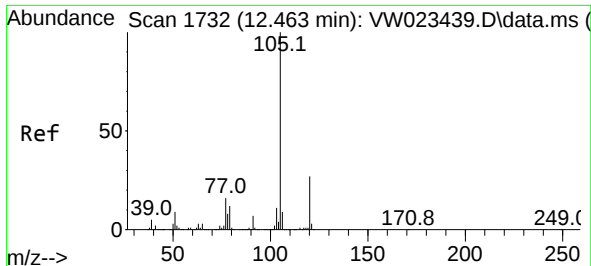
Ion Ratio Lower Upper

173 100

175 49.6 38.1 57.1

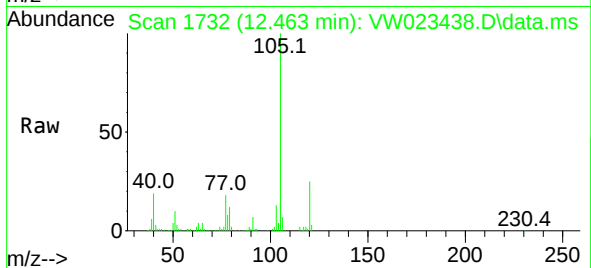
254 11.9 6.5 9.7#



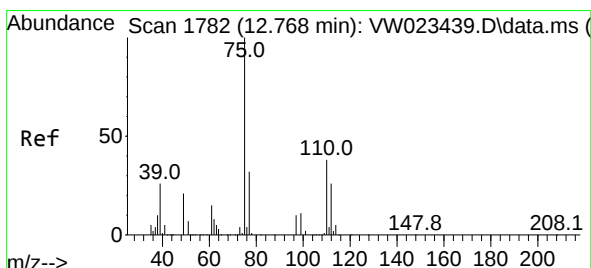
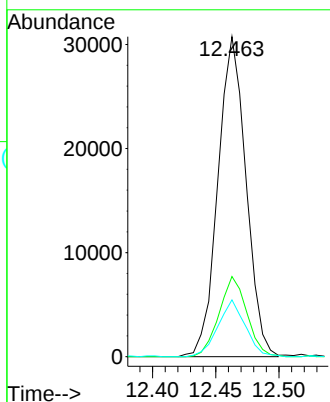
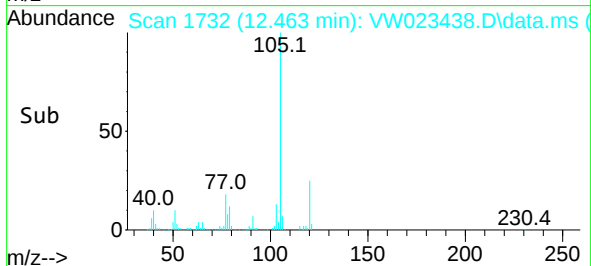


#60
Isopropylbenzene
Concen: 2.493 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023438.D
Acq: 10 Jun 2022 10:23

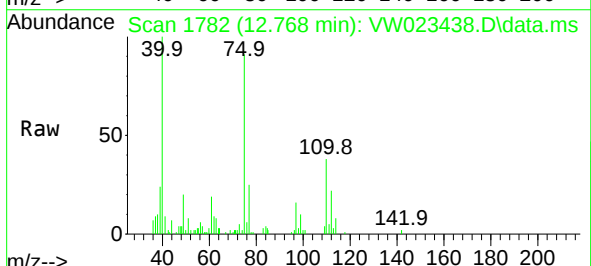
Instrument :
MSVOA_W
ClientSampleId :



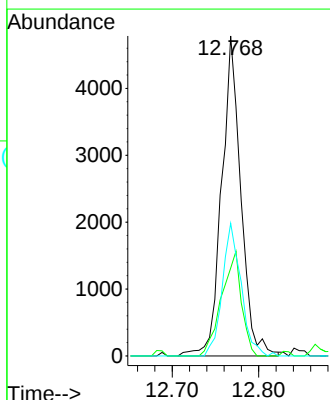
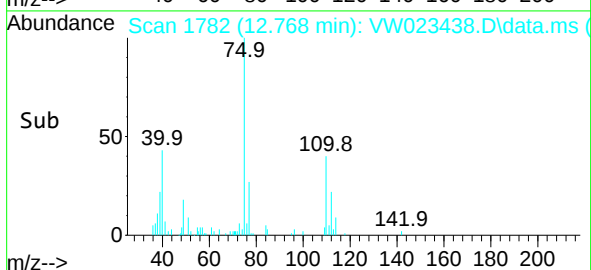
Tgt Ion:	105	Resp:	47509
Ion	Ratio	Lower	Upper
105	100		
120	24.8	21.3	31.9
77	17.3	12.6	19.0

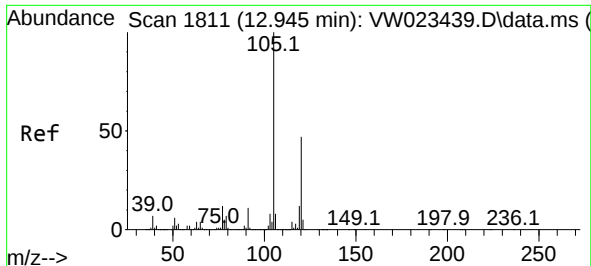


#61
1,2,3-Trichloropropane
Concen: 2.990 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023438.D
Acq: 10 Jun 2022 10:23



Tgt Ion:	75	Resp:	7397
Ion	Ratio	Lower	Upper
75	100		
77	33.7	26.2	39.2
110	40.1	34.1	51.1

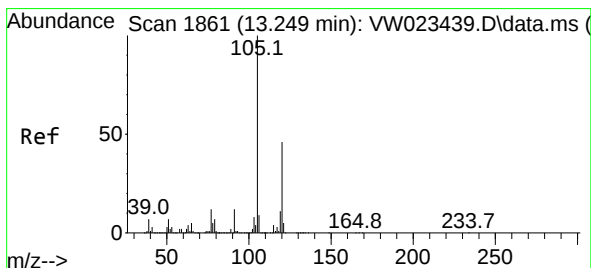
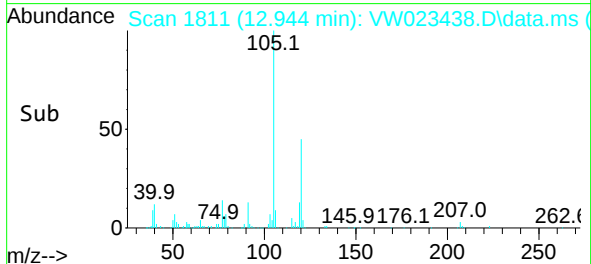
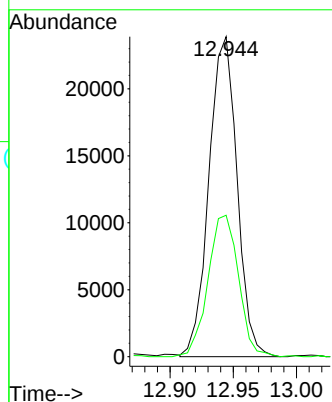
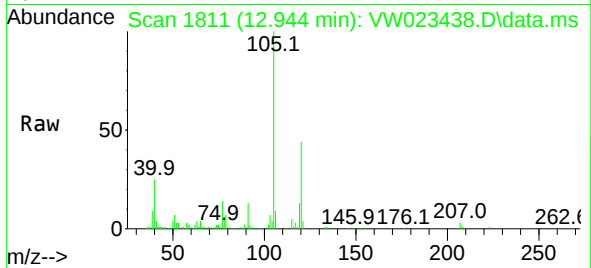




#62
 1,3,5-Trimethylbenzene
 Concen: 2.333 ug/L
 RT: 12.944 min Scan# 1811
 Delta R.T. -0.000 min
 Lab File: VW023438.D
 Acq: 10 Jun 2022 10:23

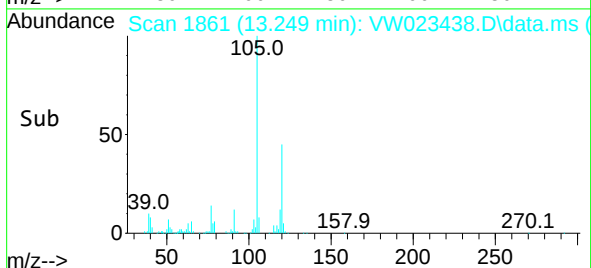
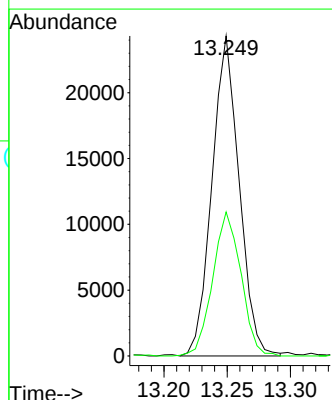
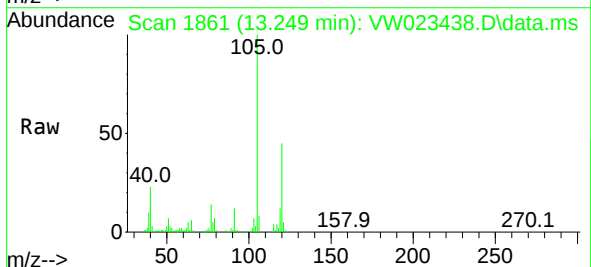
Instrument :
 MSVOA_W
 ClientSampleId :

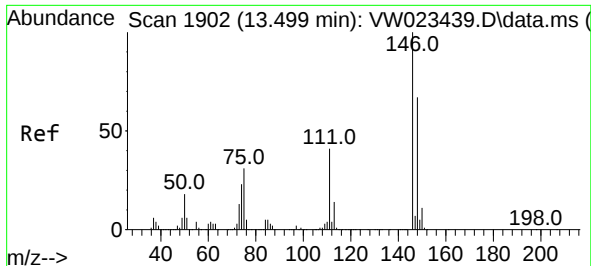
Tgt Ion:105 Resp: 36972
 Ion Ratio Lower Upper
 105 100
 120 47.9 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 2.319 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW023438.D
 Acq: 10 Jun 2022 10:23

Tgt Ion:105 Resp: 36328
 Ion Ratio Lower Upper
 105 100
 120 46.7 37.4 56.2

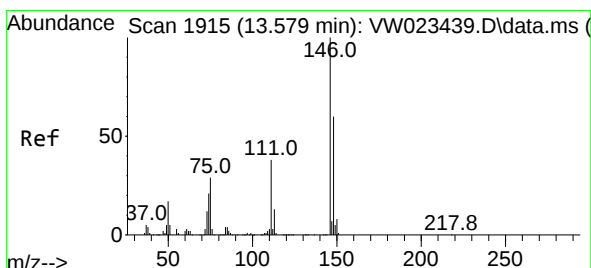
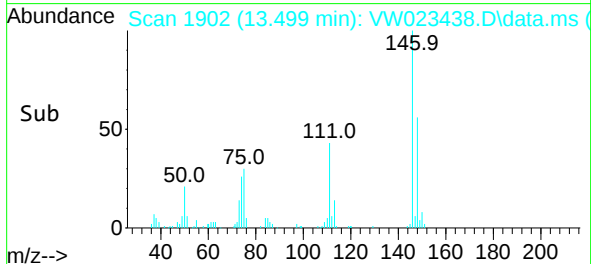
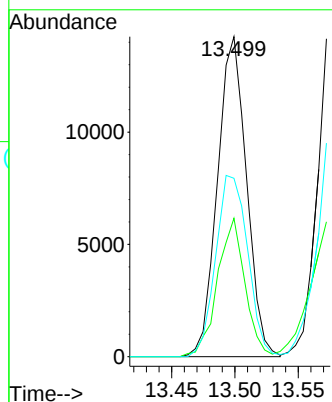
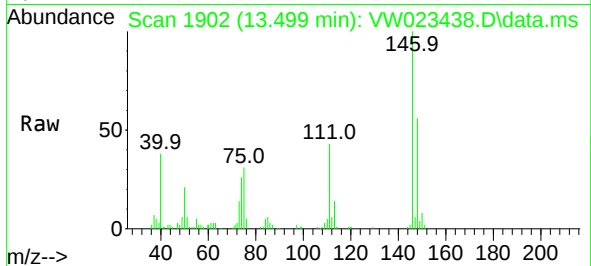




#64
1,3-Dichlorobenzene
Concen: 2.643 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023438.D
Acq: 10 Jun 2022 10:23

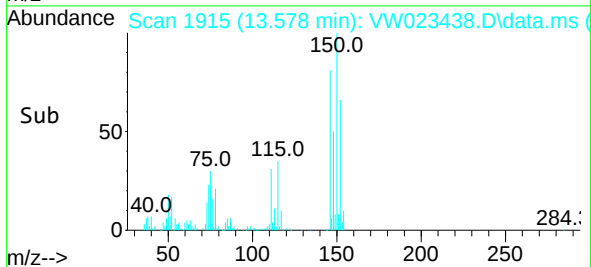
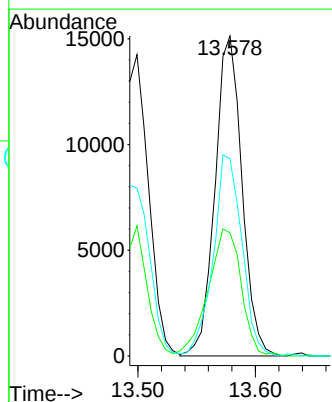
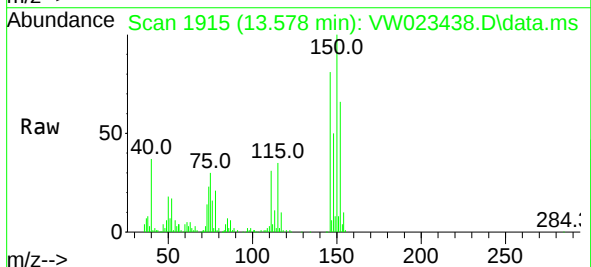
Instrument :
MSVOA_W
ClientSampleId :

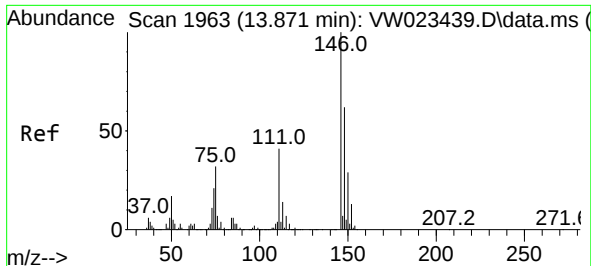
Tgt Ion:146 Resp: 22728
Ion Ratio Lower Upper
146 100
111 43.2 29.5 54.9
148 55.7 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 2.735 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023438.D
Acq: 10 Jun 2022 10:23

Tgt Ion:146 Resp: 24175
Ion Ratio Lower Upper
146 100
111 38.5 27.2 50.4
148 61.6 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 2.614 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VW023438.D

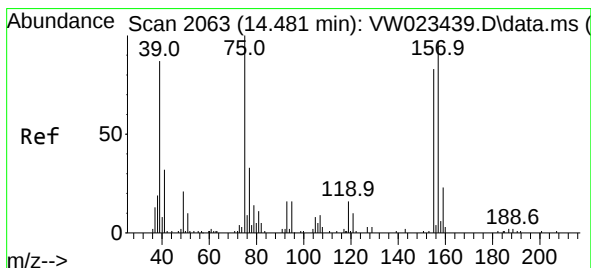
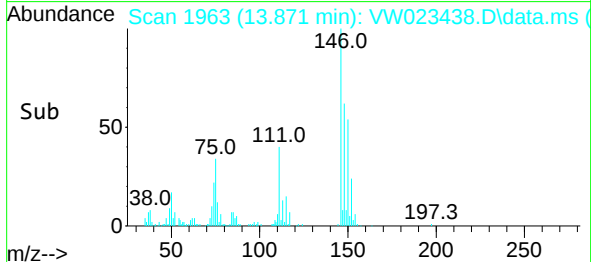
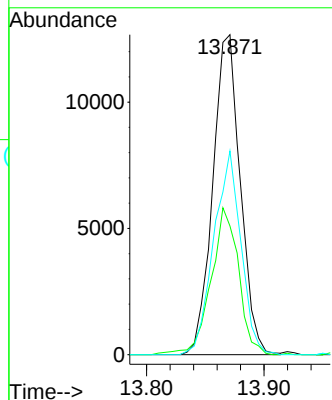
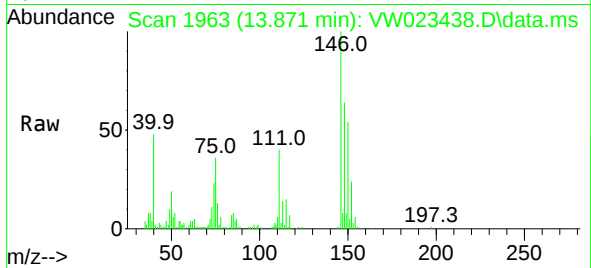
Acq: 10 Jun 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	146	Resp:	20608
Ion Ratio	Lower	Upper	
146	100		
111	40.2	35.7	53.5
148	63.6	52.6	79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 3.187 ug/L

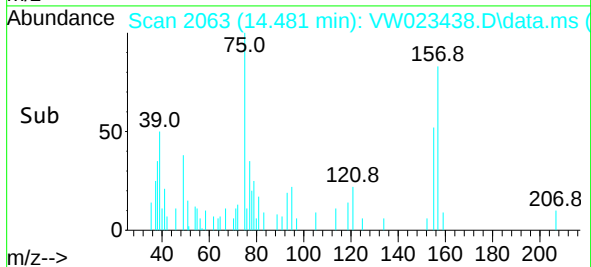
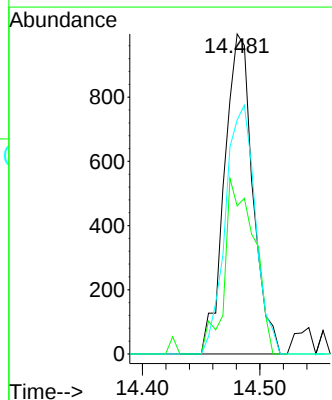
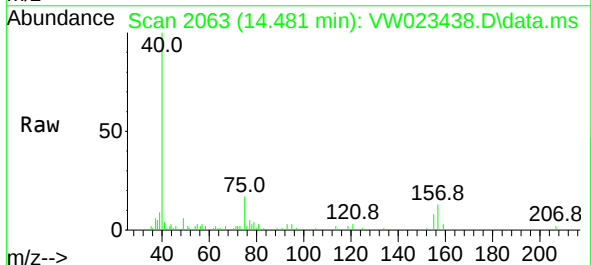
RT: 14.481 min Scan# 2063

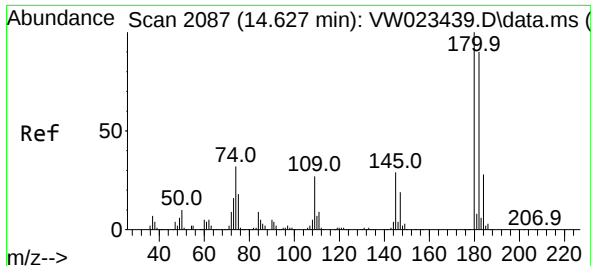
Delta R.T. -0.000 min

Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

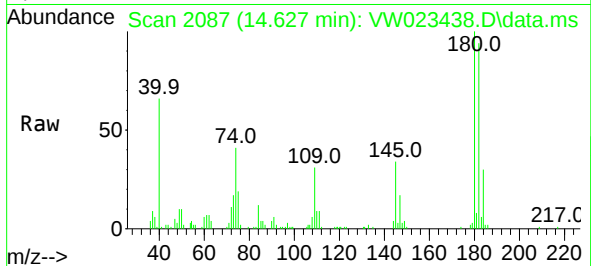
Tgt Ion:	75	Resp:	1672
Ion Ratio	Lower	Upper	
75	100		
155	46.2	59.3	88.9#
157	73.1	89.8	134.8#



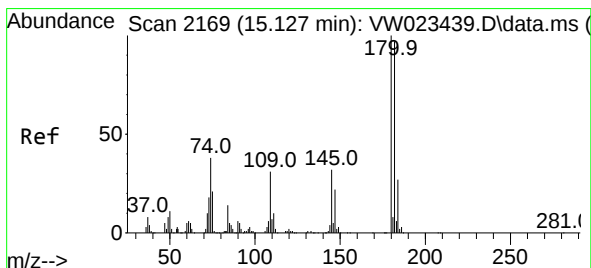
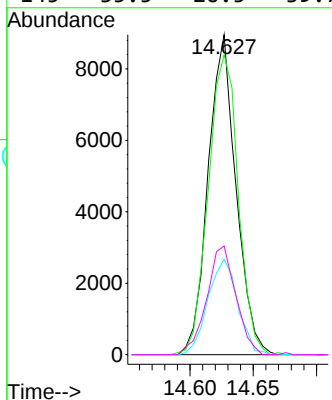
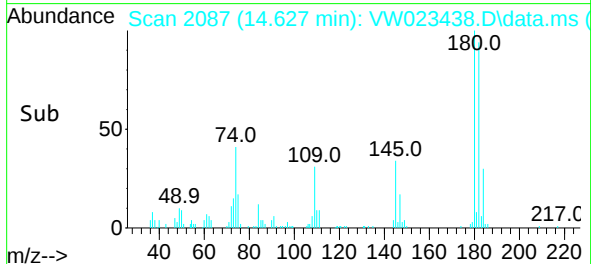


#69
1,3,5-Trichlorobenzene
Concen: 2.402 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW023438.D
Acq: 10 Jun 2022 10:23

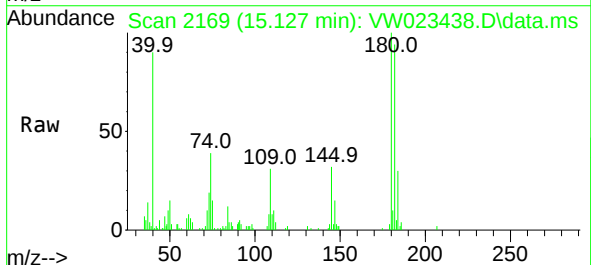
Instrument :
MSVOA_W
ClientSampleId :



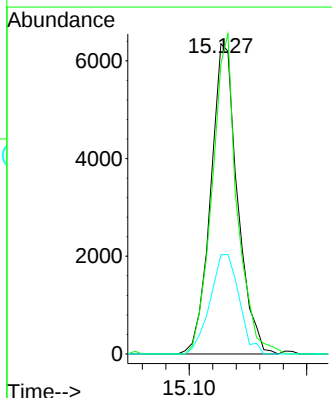
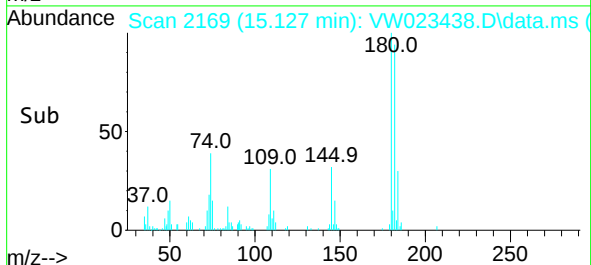
Tgt Ion:	180	Resp:	13727
Ion Ratio	Lower	Upper	
180	100		
182	100.4	74.8	112.2
184	31.9	23.4	35.2
145	35.5	26.5	39.7

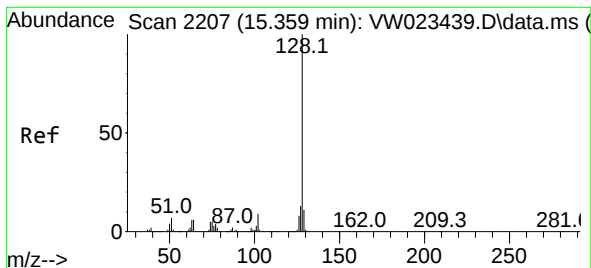


#70
1,2,4-trichlorobenzene
Concen: 2.289 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW023438.D
Acq: 10 Jun 2022 10:23



Tgt Ion:	180	Resp:	10066
Ion Ratio	Lower	Upper	
180	100		
182	95.8	74.9	112.3
145	34.7	26.6	39.8





#71

Naphthalene

Concen: 1.846 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

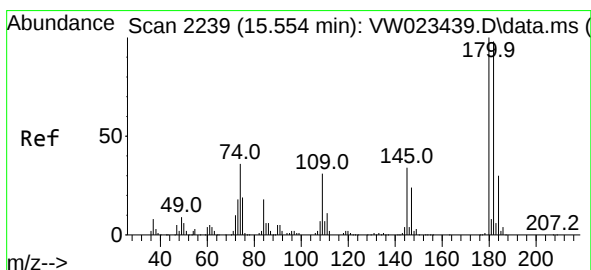
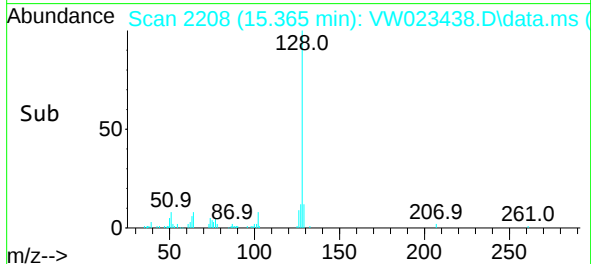
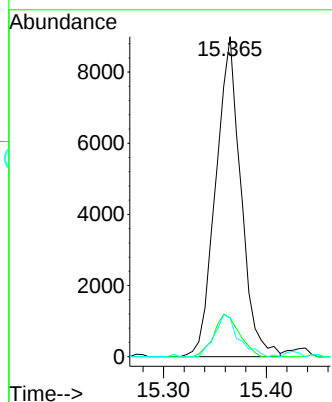
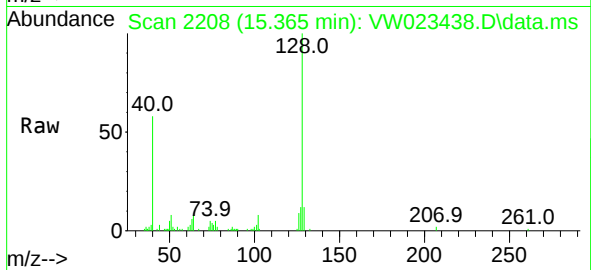
Tgt Ion:128 Resp: 15273

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 12.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 1.940 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW023438.D

Acq: 10 Jun 2022 10:23

Tgt Ion:180 Resp: 7473

Ion Ratio Lower Upper

180 100

182 102.9 73.5 110.3

145 35.7 27.9 41.9

