

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
 Data File : VW022106.D
 Acq On : 23 Feb 2022 13:36
 Operator : SY/VA
 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 24 01:25:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 24 01:24:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	164311	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	150357	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	79188	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	11095	5.177	ug/L	0.00
7) Chloroethane-d5	2.885	69	8246	4.890	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	17127	5.219	ug/L	0.00
21) 2-Butanone-d5	7.086	46	3461	9.321	ug/L	0.00
24) Chloroform-d	7.653	84	19389	5.289	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	9531	5.002	ug/L	0.00
32) Benzene-d6	8.275	84	36860	5.267	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	10252	5.276	ug/L	0.00
41) Toluene-d8	10.323	98	34585	4.971	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	4083	4.739	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	2617	8.188	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	8366	4.905	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	13022	5.120	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	2308	5.026	ug/L	99
3) Chloromethane	2.215	50	9352	5.943	ug/L	90
5) Vinyl chloride	2.361	62	13391	5.664	ug/L	98
6) Bromomethane	2.776	94	9261	5.609	ug/L	86
8) Chloroethane	2.922	64	7134	5.371	ug/L	86
9) Trichlorofluoromethane	3.257	101	8962	5.583	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	4061	2.074	ug/L #	1
12) 1,1-Dichloroethene	4.044	96	9208	5.425	ug/L	91
13) Acetone	4.135	43	2747	9.532	ug/L	78
14) Carbon disulfide	4.385	76	24286	5.519	ug/L	97
15) Methyl Acetate	4.678	43	1619	2.454	ug/L	96
16) Methylene chloride	4.916	84	11690	5.796	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	10214	5.479	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	12395	4.887	ug/L #	69
19) 1,1-Dichloroethane	6.220	63	16061	5.321	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	10316	5.108	ug/L	94
22) 2-Butanone	7.183	43	3666	8.588	ug/L	79
23) Bromochloromethane	7.519	128	5201	5.272	ug/L	93
25) Chloroform	7.671	83	18563	5.271	ug/L	95
27) 1,2-Dichloroethane	8.397	62	11652	5.372	ug/L	99
29) Cyclohexane	7.958	56	13144	5.253	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	15940	5.269	ug/L	99
31) Carbon tetrachloride	8.067	117	14962	5.204	ug/L	96
33) Benzene	8.323	78	40340	5.549	ug/L	100
34) Trichloroethene	9.092	95	11264	5.412	ug/L	95
35) Methylcyclohexane	9.335	83	17063	5.300	ug/L	95
37) 1,2-Dichloropropane	9.372	63	9356	5.517	ug/L	99
38) Bromodichloromethane	9.646	83	12117	4.982	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	12452	4.830	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	8450	9.226	ug/L	98
42) Toluene	10.384	91	43702	5.312	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	11141	4.809	ug/L	97

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 Quant Title : SFAM01.0
 QLast Update : Thu Feb 24 01:24:43 2022
 Response via : Initial Calibration

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

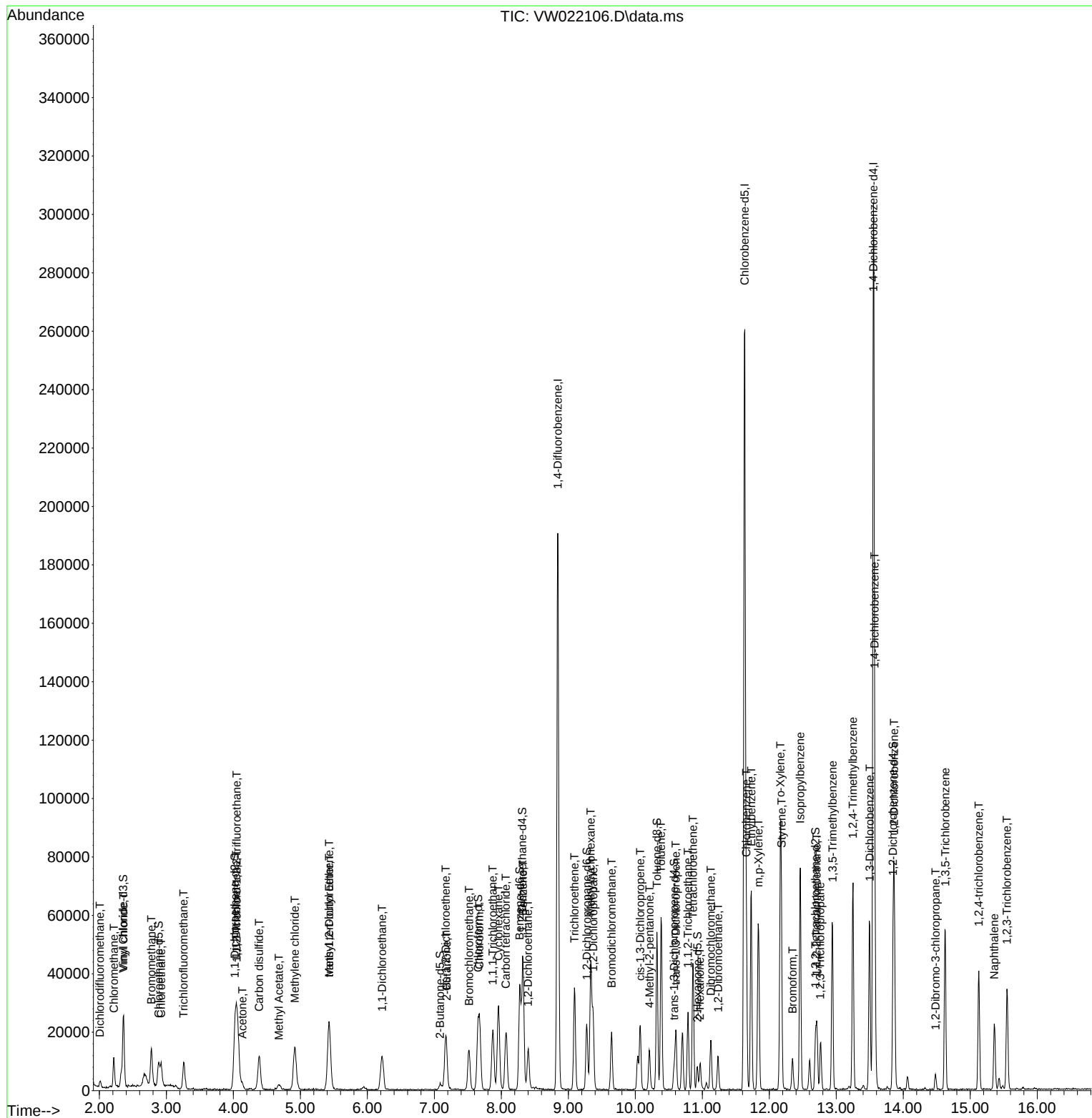
45) 1,1,2-Trichloroethane	10.786	97	7637	5.078	ug/L	97
46) Tetrachloroethene	10.860	164	9628	5.280	ug/L	88
48) 2-Hexanone	10.963	43	5306	8.347	ug/L #	92
49) Dibromochloromethane	11.128	129	8746	4.788	ug/L	100
50) 1,2-Dibromoethane	11.238	107	7259	5.004	ug/L #	96
51) Chlorobenzene	11.658	112	30227	5.279	ug/L	97
52) Ethylbenzene	11.731	91	47466	5.213	ug/L	99
53) m,p-Xylene	11.841	106	19687	5.254	ug/L	86
54) o-Xylene	12.164	106	17283	4.902	ug/L	100
55) Styrene	12.182	104	29317	4.960	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.707	83	8765	5.023	ug/L	99
59) Bromoform	12.347	173	4498	4.295	ug/L	94
60) Isopropylbenzene	12.463	105	47668	5.015	ug/L	99
61) 1,2,3-Trichloropropane	12.762	75	6200	4.961	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	30479	4.822	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	38208	4.946	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	24207	5.133	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	24387	5.161	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	21699	5.176	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	1181	4.468	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.627	180	17193	5.080	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	12091	4.721	ug/L	99
71) Naphthalene	15.359	128	19703	4.358	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.548	180	11448	5.168	ug/L	95

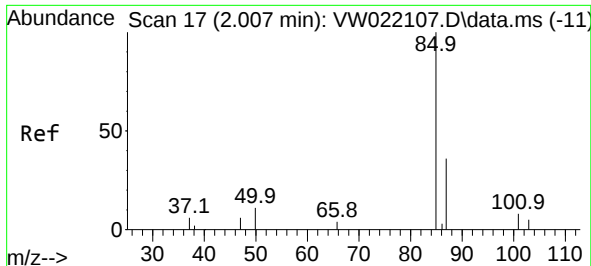
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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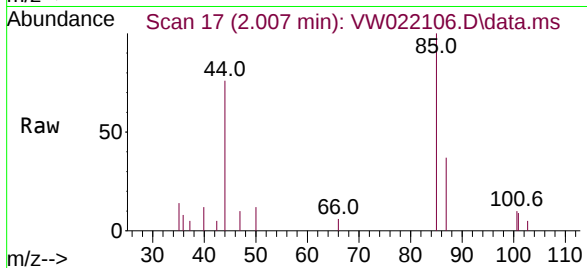
Quant Time: Feb 24 01:25:49 2022
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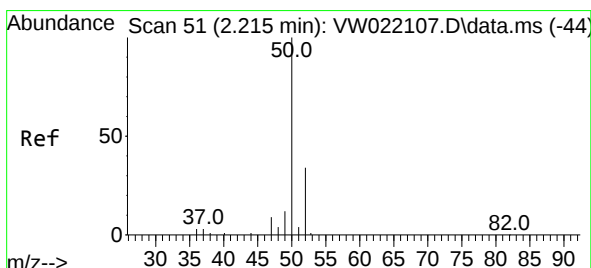
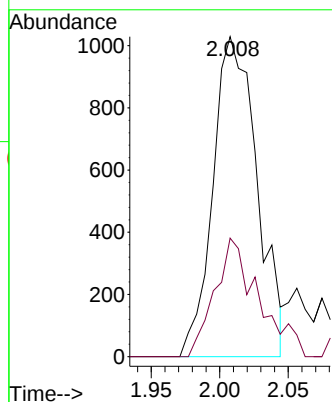
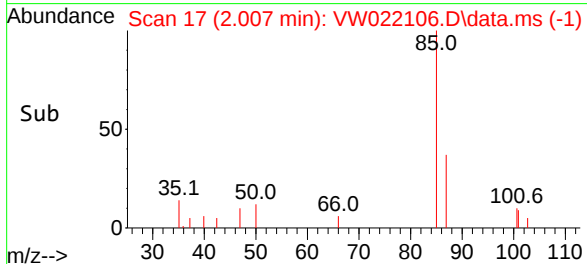


#2
 Dichlorodifluoromethane
 Concen: 5.026 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022106.D
 Acq: 23 Feb 2022 13:36

Instrument :
 MSVOA_W
 ClientSampleId :

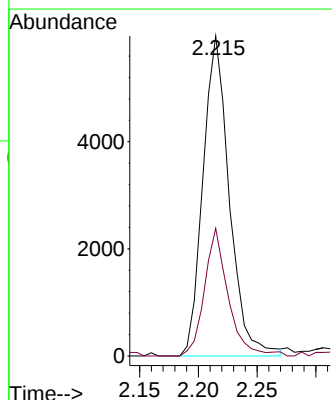
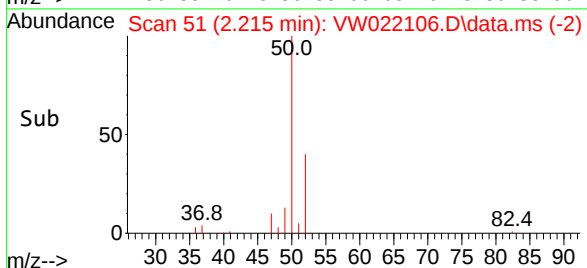
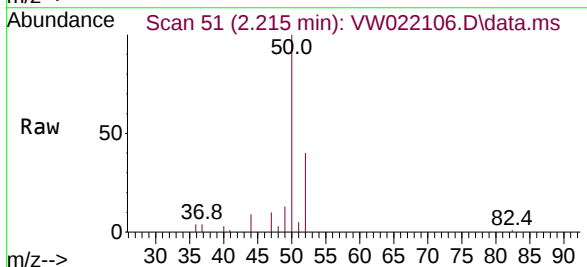


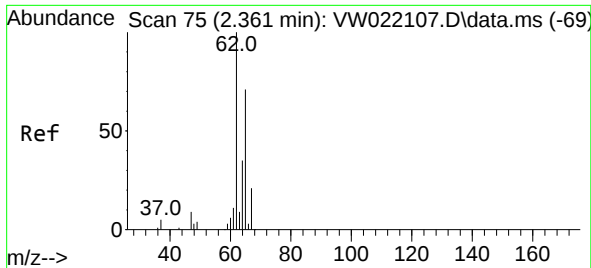
Tgt Ion: 85 Resp: 2308
 Ion Ratio Lower Upper
 85 100
 87 33.9 27.6 41.4



#3
 Chloromethane
 Concen: 5.943 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022106.D
 Acq: 23 Feb 2022 13:36

Tgt Ion: 50 Resp: 9352
 Ion Ratio Lower Upper
 50 100
 52 39.8 23.9 44.5

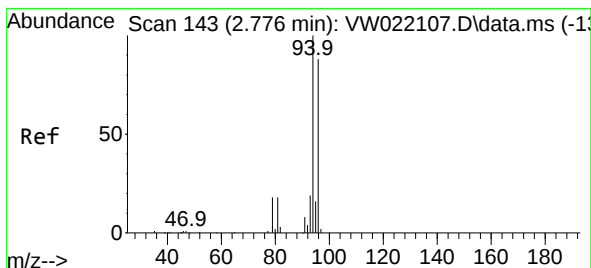
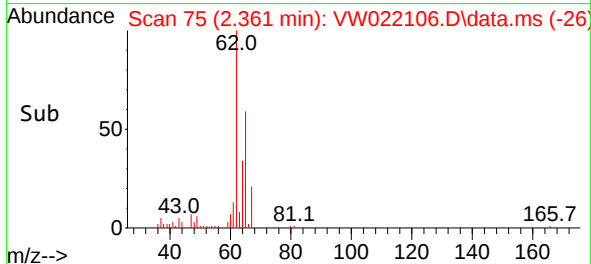
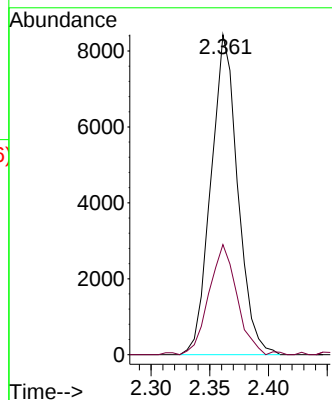
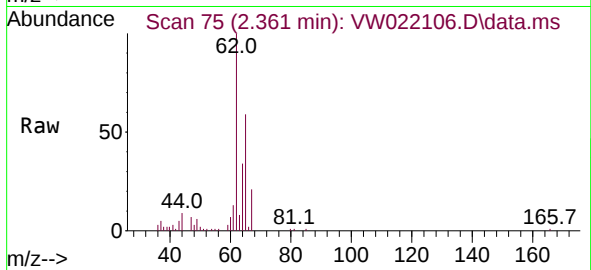




#5
 Vinyl chloride
 Concen: 5.664 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022106.D
 Acq: 23 Feb 2022 13:36

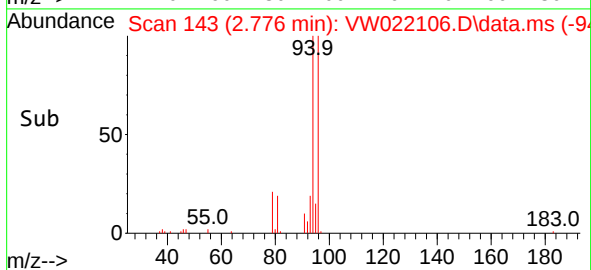
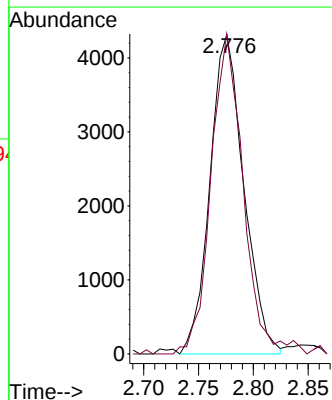
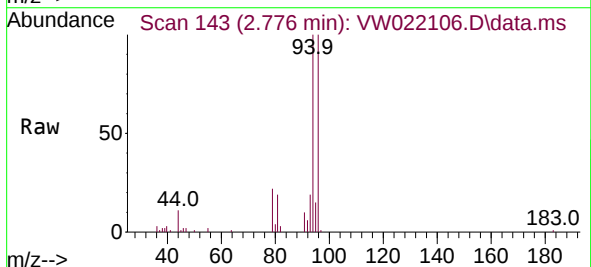
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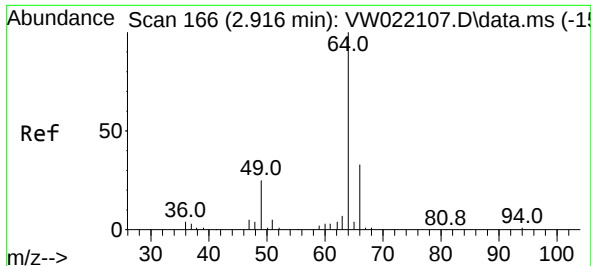
Tgt Ion: 62 Resp: 13391
 Ion Ratio Lower Upper
 62 100
 64 34.4 24.7 45.9



#6
 Bromomethane
 Concen: 5.609 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022106.D
 Acq: 23 Feb 2022 13:36

Tgt Ion: 94 Resp: 9261
 Ion Ratio Lower Upper
 94 100
 96 100.2 61.2 113.8

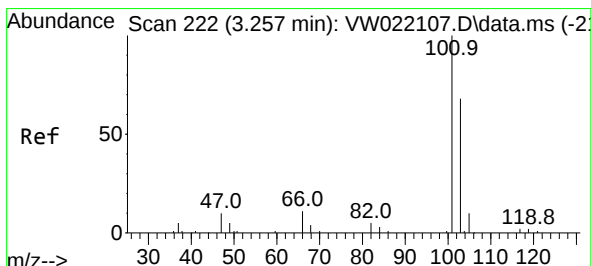
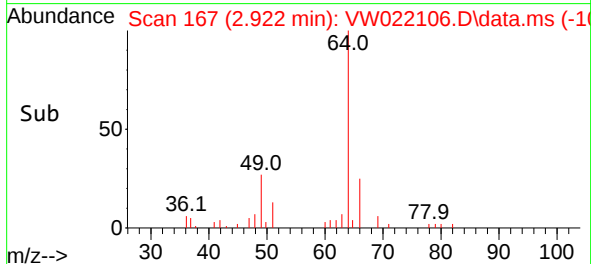
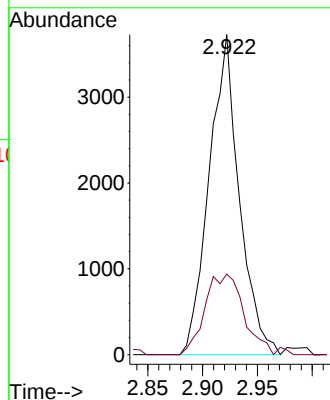
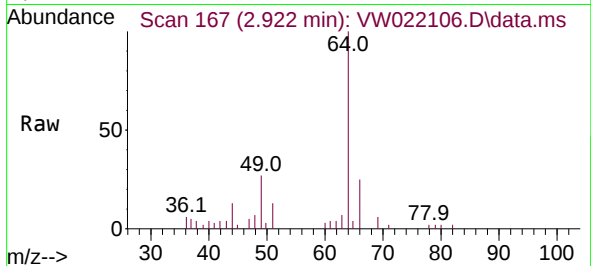




#8
Chloroethane
Concen: 5.371 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

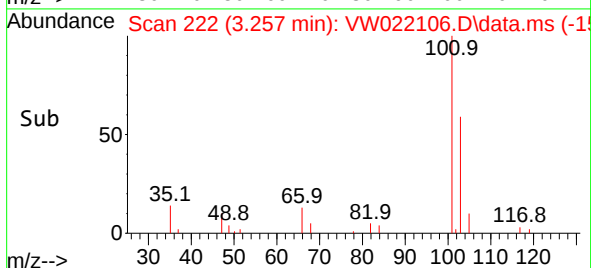
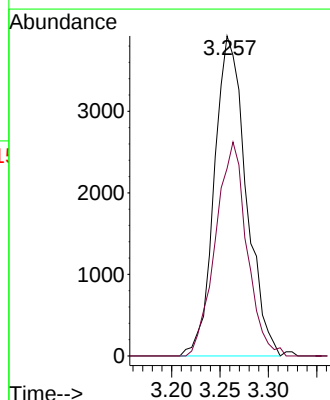
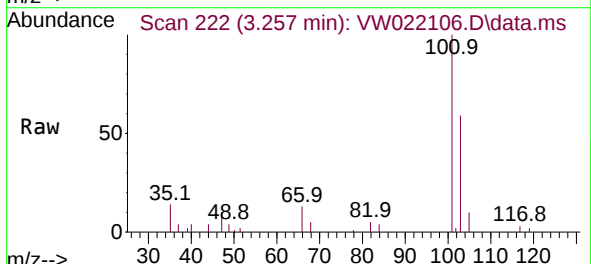
Instrument :
MSVOA_W
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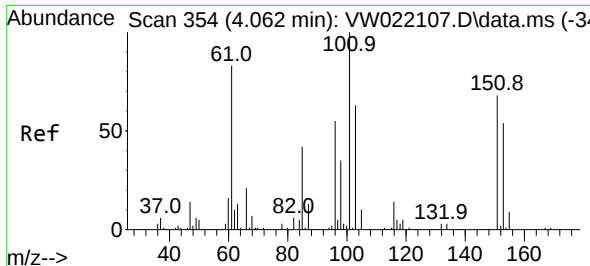
Tgt Ion: 64 Resp: 7134
Ion Ratio Lower Upper
64 100
66 25.2 23.2 43.0



#9
Trichlorofluoromethane
Concen: 5.583 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

Tgt Ion: 101 Resp: 8962
Ion Ratio Lower Upper
101 100
103 65.8 53.2 79.8

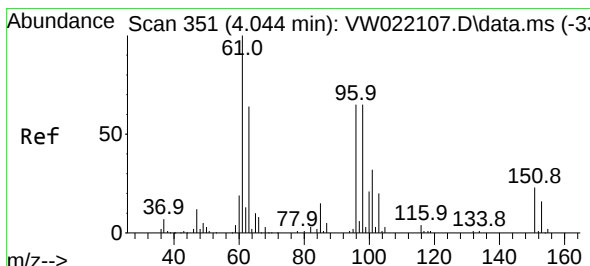
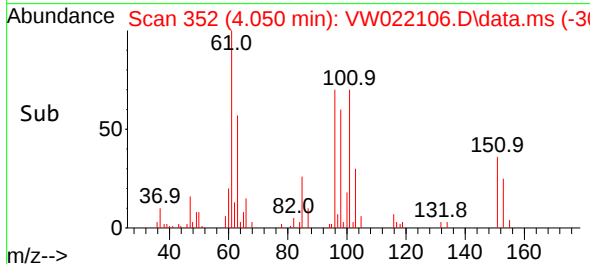
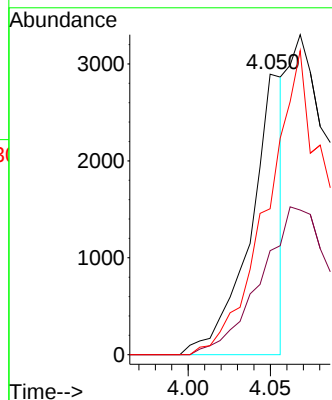
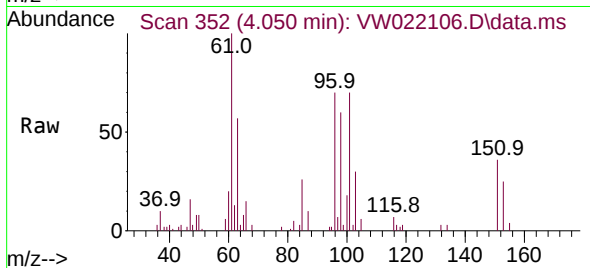




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.074 ug/L
RT: 4.050 min Scan# 354
Delta R.T. -0.012 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

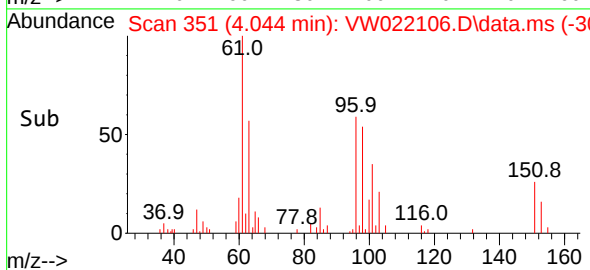
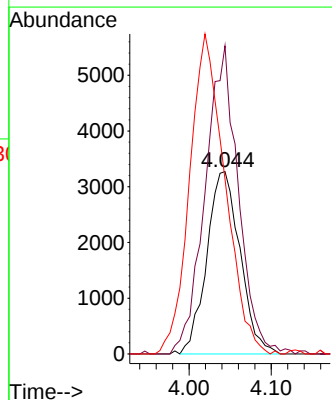
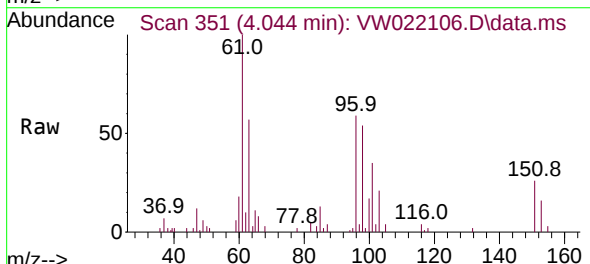
Instrument :
MSVOA_W
ClientSampleId :

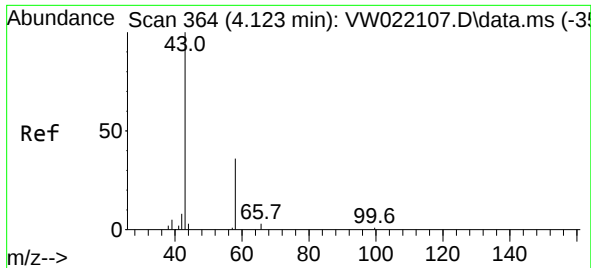
Tgt Ion:101 Resp: 4061
Ion Ratio Lower Upper
101 100
85 115.8 34.4 51.6#
151 210.9 59.0 88.4#



#12
1,1-Dichloroethene
Concen: 5.425 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

Tgt Ion: 96 Resp: 9208
Ion Ratio Lower Upper
96 100
61 169.0 108.4 201.2
63 95.9 72.0 133.6





#13

Acetone

Concen: 9.532 ug/L

RT: 4.135 min Scan# 366

Delta R.T. 0.012 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

Instrument :

MSVOA_W

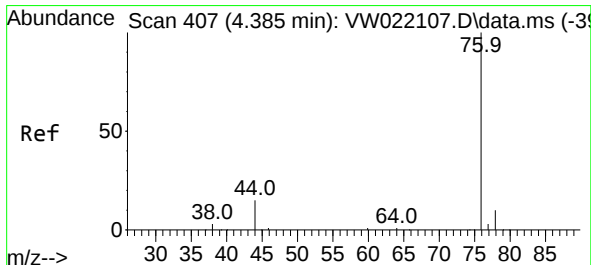
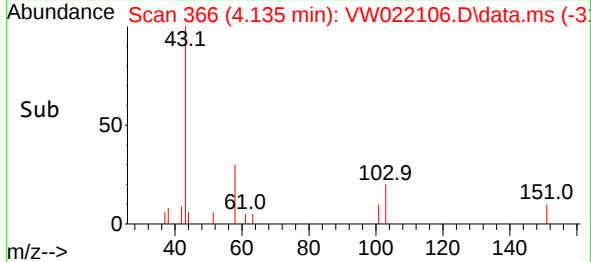
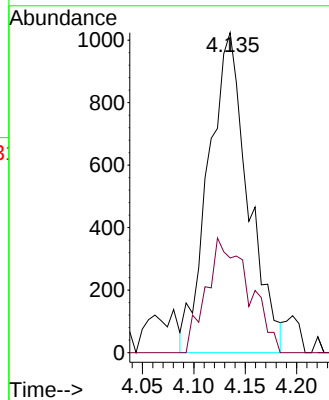
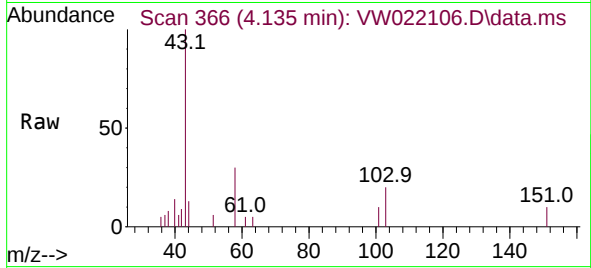
ClientSampleId :

Tgt Ion: 43 Resp: 2747

Ion Ratio Lower Upper

43 100

58 21.7 0.0 69.2



#14

Carbon disulfide

Concen: 5.519 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW022106.D

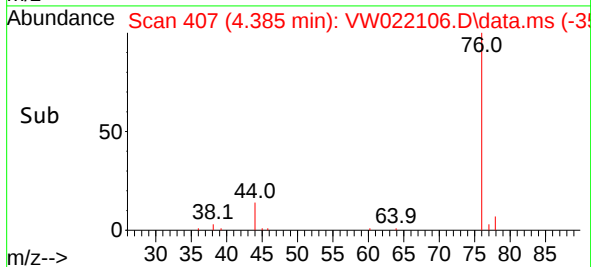
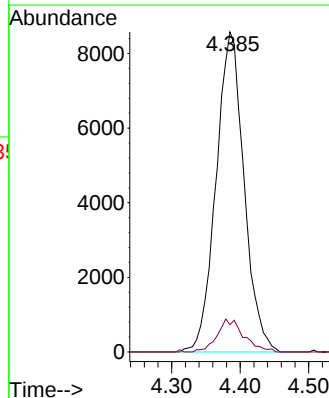
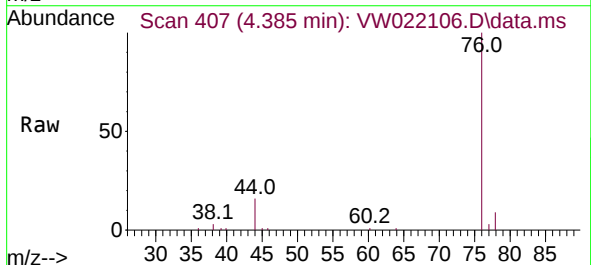
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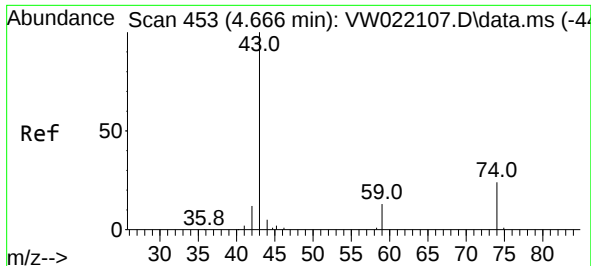
Tgt Ion: 76 Resp: 24286

Ion Ratio Lower Upper

76 100

78 8.6 7.8 11.8

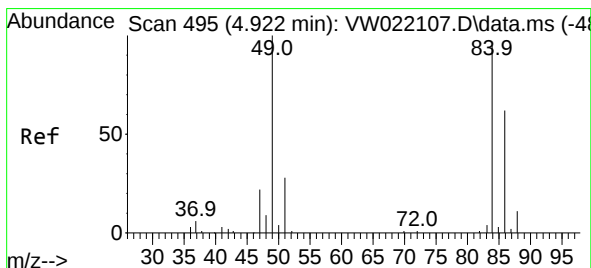
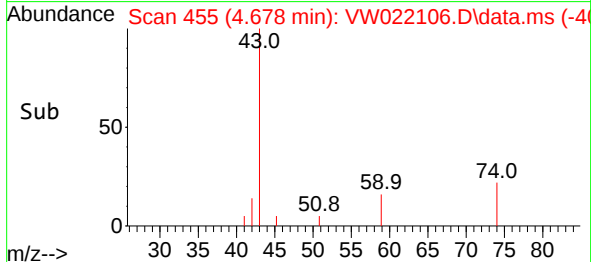
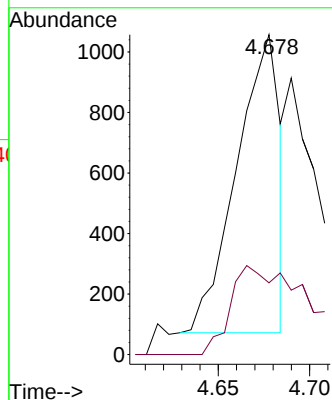
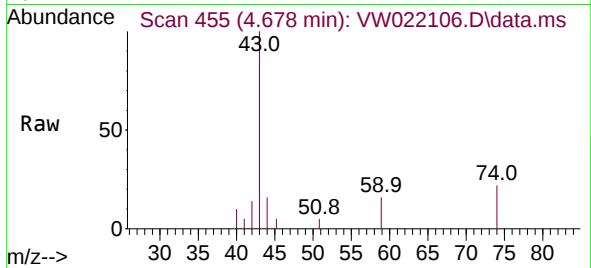




#15
Methyl Acetate
Concen: 2.454 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.012 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

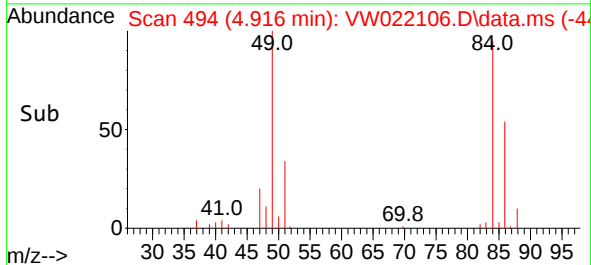
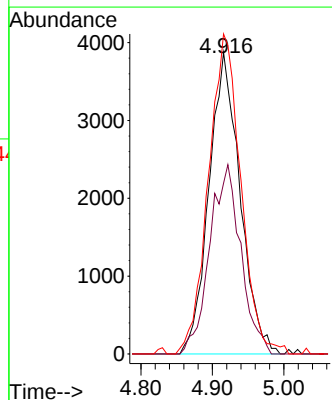
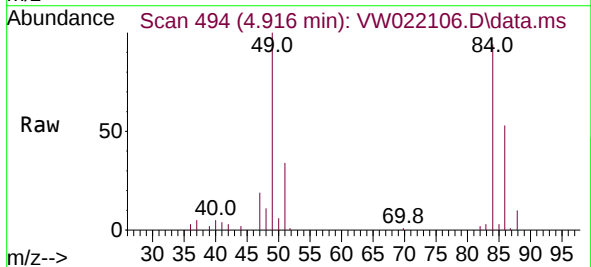
Instrument :
MSVOA_W
ClientSampleId :

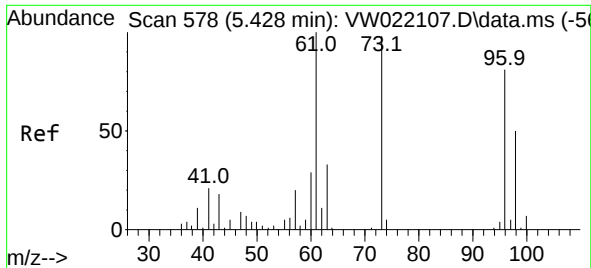
Tgt Ion: 43 Resp: 1619
Ion Ratio Lower Upper
43 100
74 26.4 23.0 34.6



#16
Methylene chloride
Concen: 5.796 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

Tgt Ion: 84 Resp: 11690
Ion Ratio Lower Upper
84 100
86 56.6 45.8 85.0
49 106.1 73.8 137.0

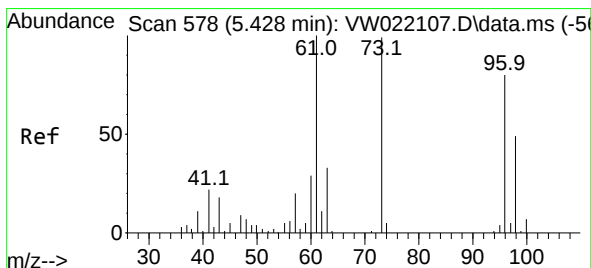
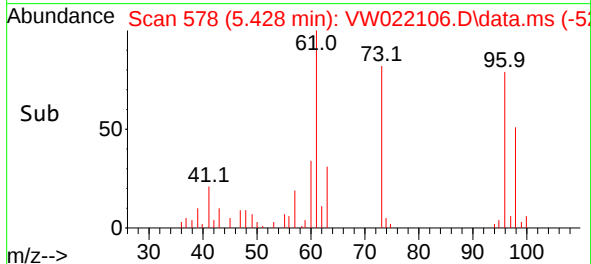
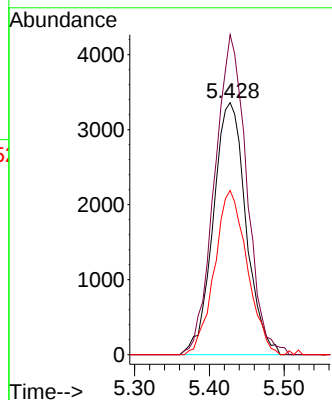
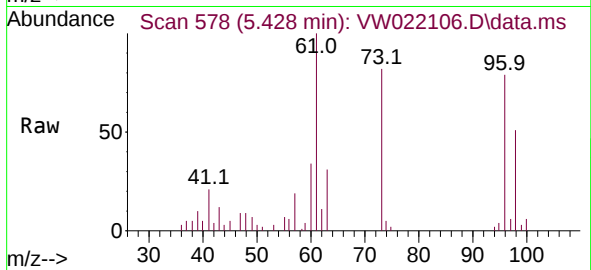




#17
trans-1,2-Dichloroethene
Concen: 5.479 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

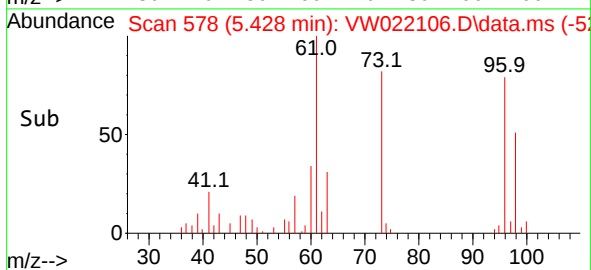
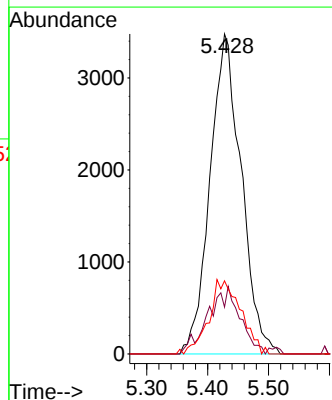
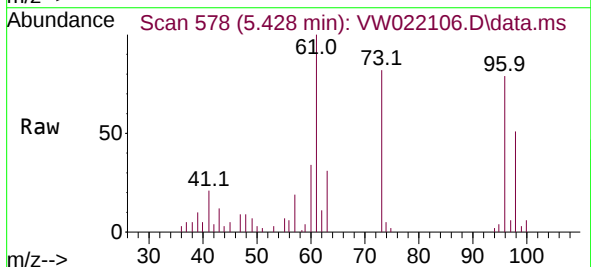
Instrument :
MSVOA_W
ClientSampleId :

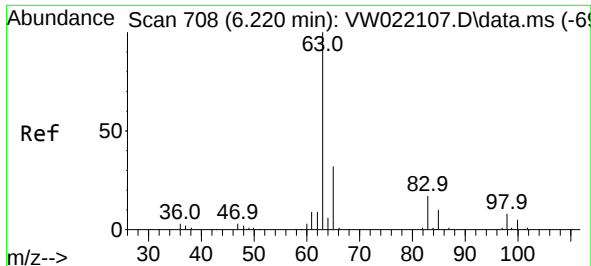
Tgt Ion: 96 Resp: 10214
Ion Ratio Lower Upper
96 100
61 127.0 87.3 162.1
98 65.2 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 4.887 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

Tgt Ion: 73 Resp: 12395
Ion Ratio Lower Upper
73 100
43 1.8 15.4 23.2#
57 10.0 16.5 24.7#





#19

1,1-Dichloroethane

Concen: 5.321 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW022106.D

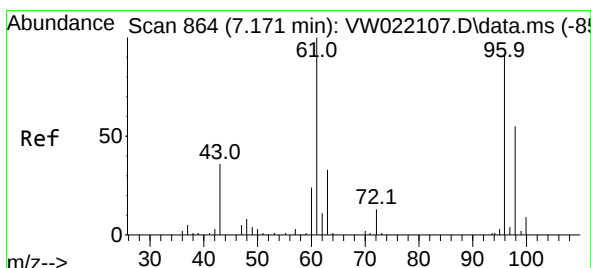
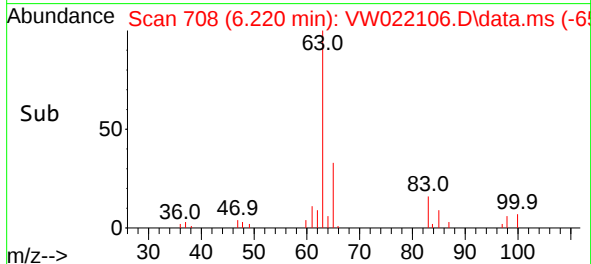
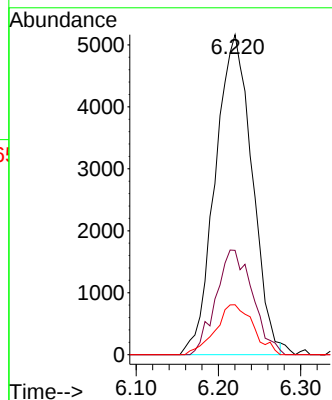
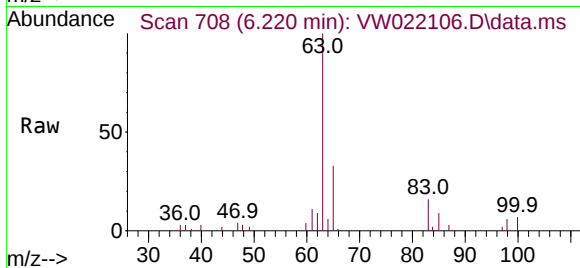
Acq: 23 Feb 2022 13:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 16061
Ion Ratio	Lower Upper
63	100
65	32.6 22.5 41.9
83	15.6 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 5.108 ug/L

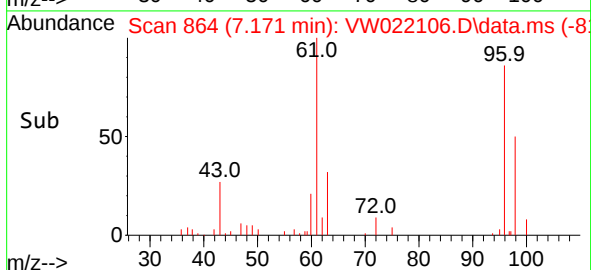
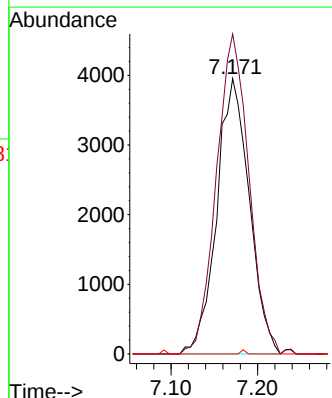
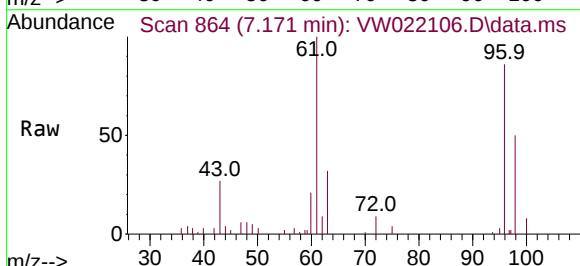
RT: 7.171 min Scan# 864

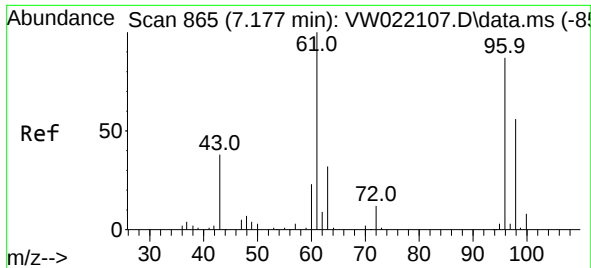
Delta R.T. 0.000 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

Tgt Ion: 96	Resp: 10316
Ion Ratio	Lower Upper
96	100
61	116.2 76.8 142.6
68	0.0 0.0 0.0





#22

2-Butanone

Concen: 8.588 ug/L

RT: 7.183 min Scan# 866

Delta R.T. 0.006 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

Instrument :

MSVOA_W

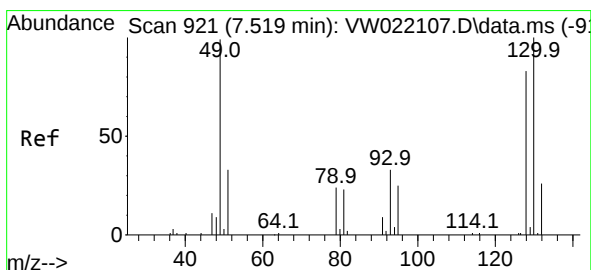
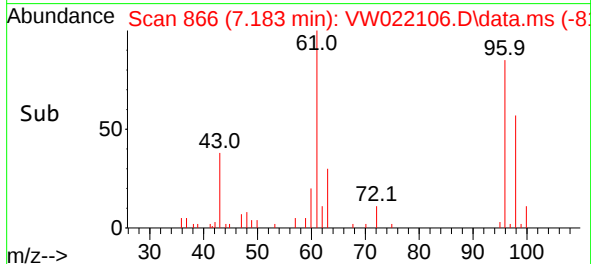
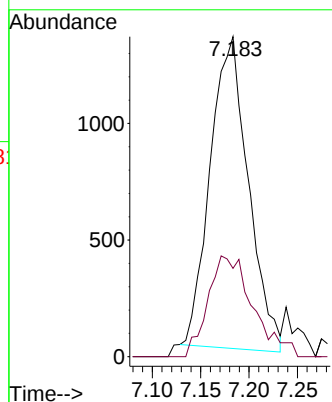
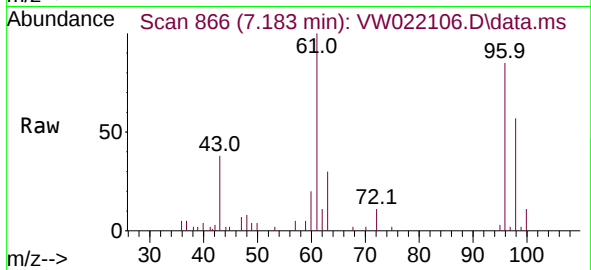
ClientSampleId :

Tgt Ion: 43 Resp: 3666

Ion Ratio Lower Upper

43 100

72 21.8 17.0 51.0



#23

Bromochloromethane

Concen: 5.272 ug/L

RT: 7.519 min Scan# 921

Delta R.T. 0.000 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

Tgt Ion: 128 Resp: 5201

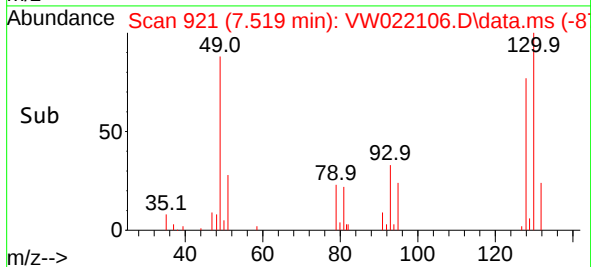
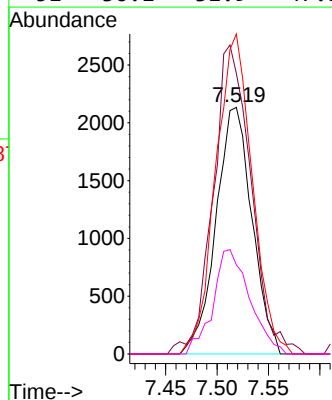
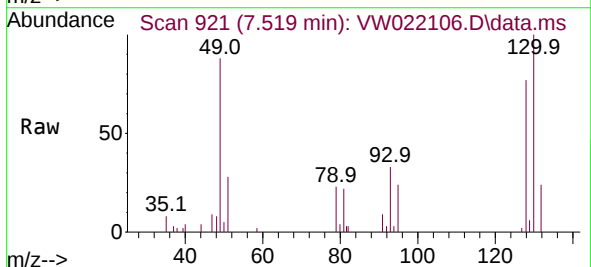
Ion Ratio Lower Upper

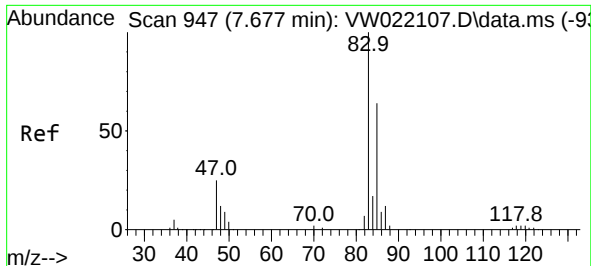
128 100

49 113.7 84.2 156.4

130 129.8 84.8 157.4

51 36.1 31.9 47.9

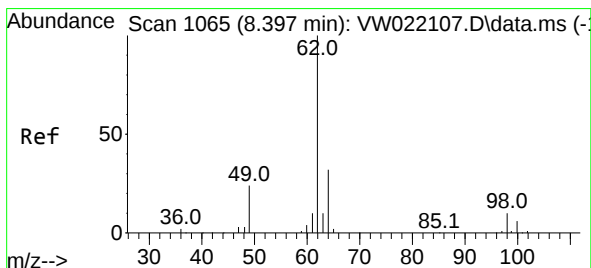
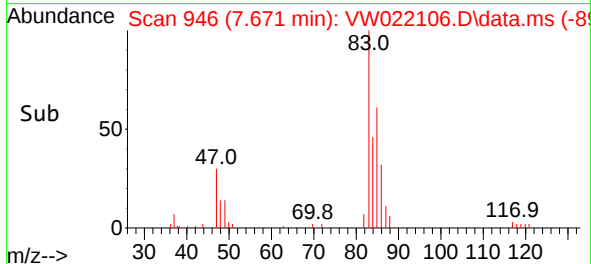
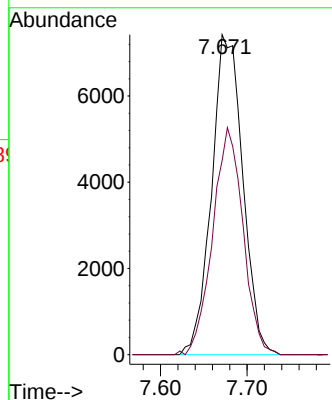
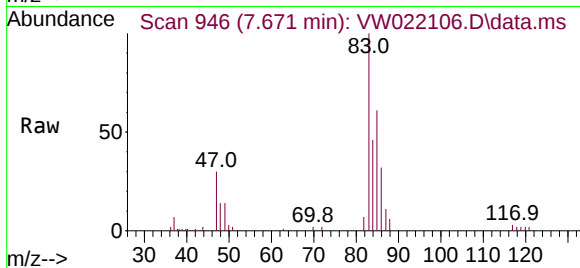




#25
Chloroform
Concen: 5.271 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

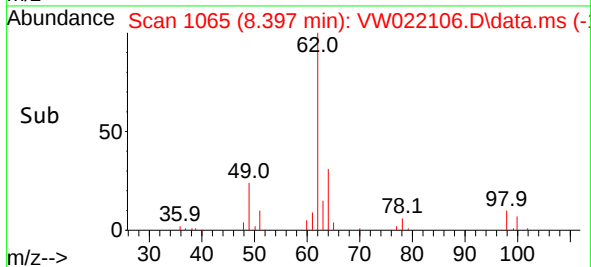
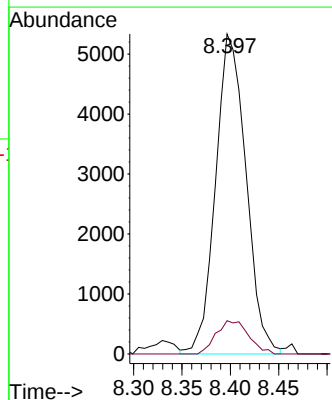
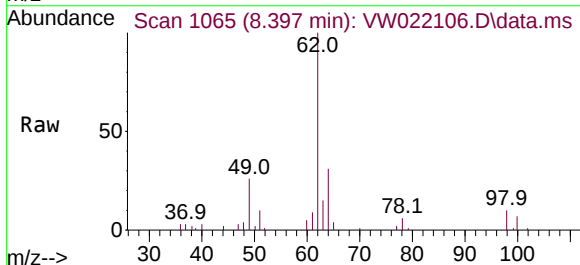
Instrument :
MSVOA_W
ClientSampleId :

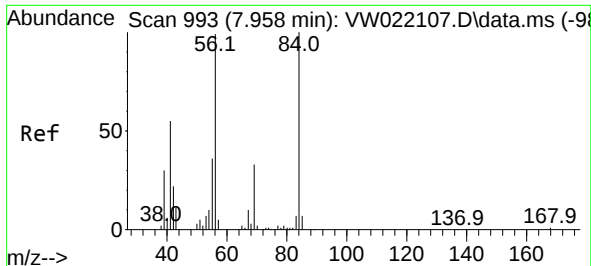
Tgt Ion: 83 Resp: 18563
Ion Ratio Lower Upper
83 100
85 60.7 45.1 83.9



#27
1,2-Dichloroethane
Concen: 5.372 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

Tgt Ion: 62 Resp: 11652
Ion Ratio Lower Upper
62 100
98 10.4 7.9 11.9

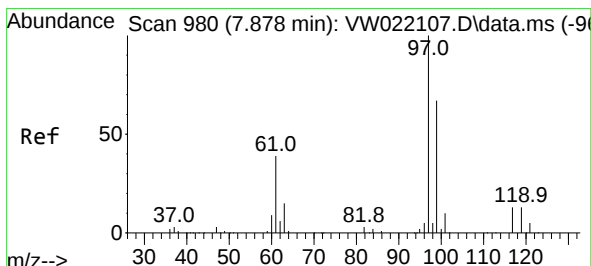
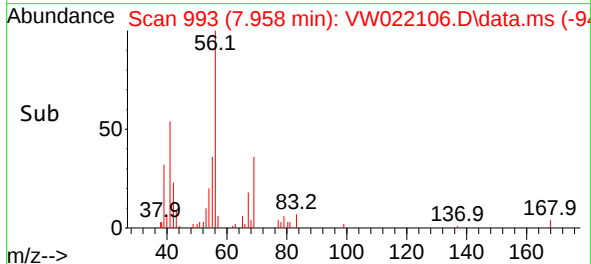
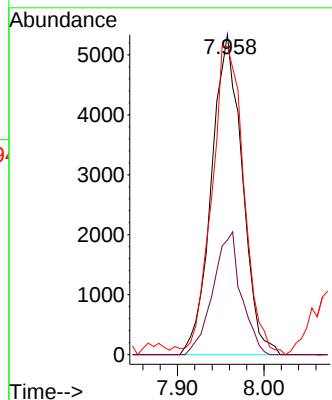
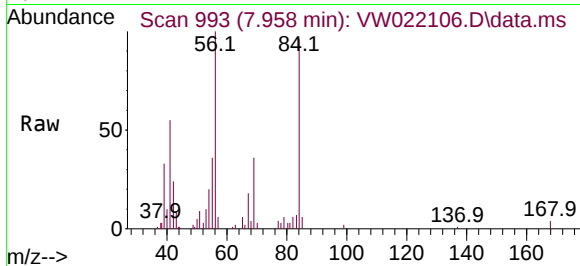




#29
Cyclohexane
Concen: 5.253 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

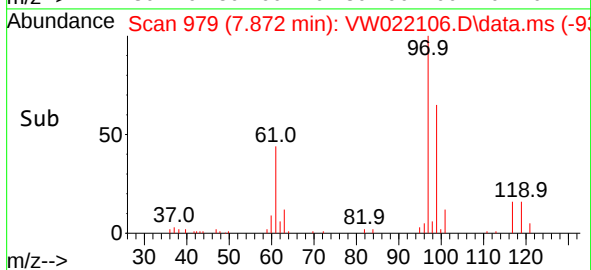
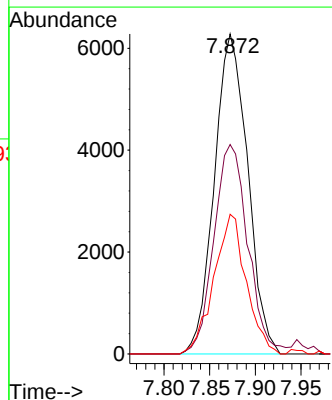
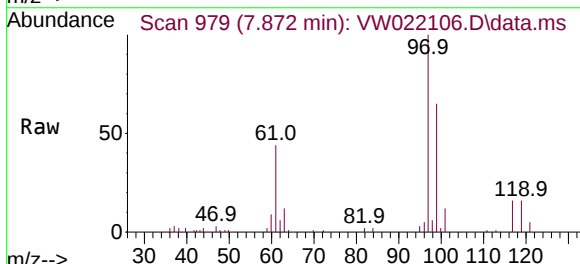
Instrument :
MSVOA_W
ClientSampleId :

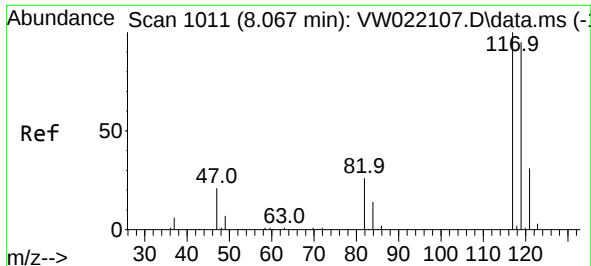
Tgt Ion:	56	Resp:	13144
Ion	Ratio	Lower	Upper
56	100		
69	35.4	26.3	39.5
84	101.0	81.4	122.2



#30
1,1,1-Trichloroethane
Concen: 5.269 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

Tgt Ion:	97	Resp:	15940
Ion	Ratio	Lower	Upper
97	100		
99	66.7	52.6	78.8
61	42.3	33.0	49.6

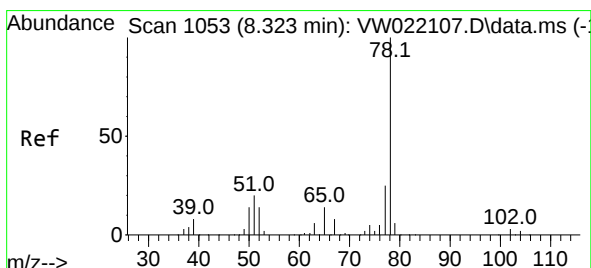
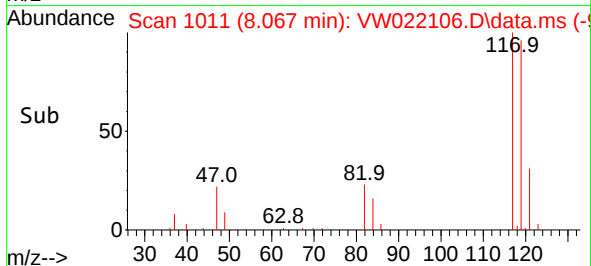
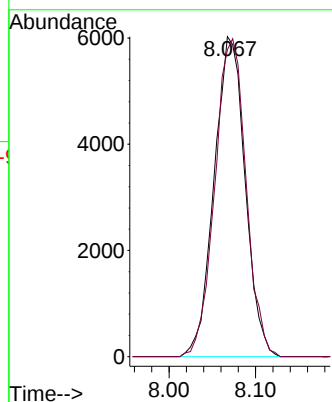
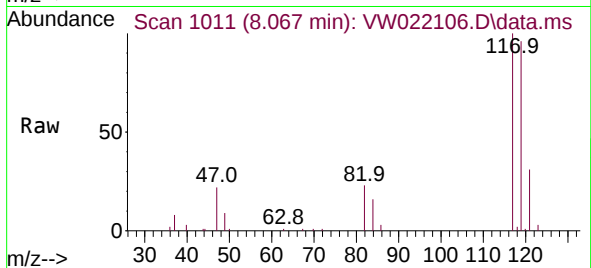




#31
Carbon tetrachloride
Concen: 5.204 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

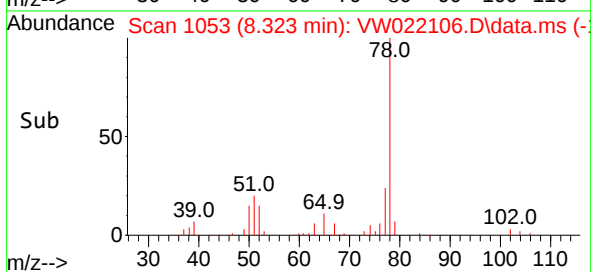
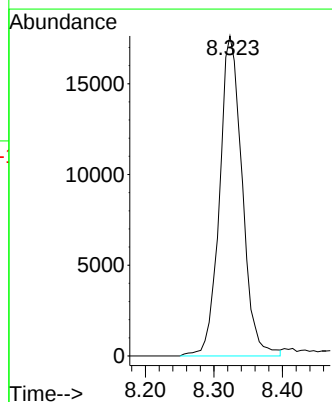
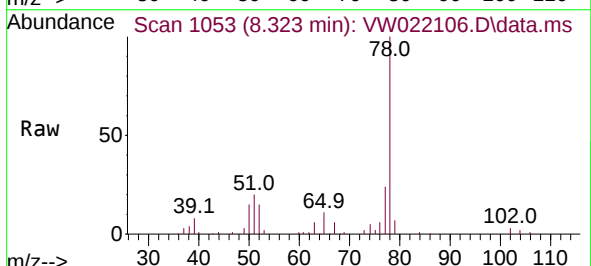
Instrument :
MSVOA_W
ClientSampleId :

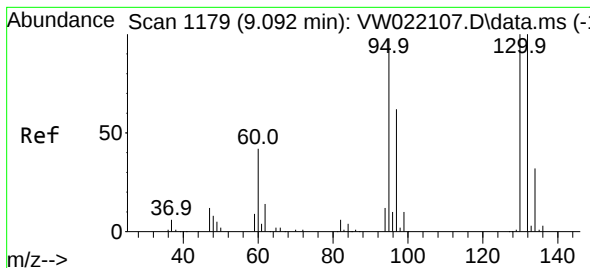
Tgt Ion:117 Resp: 14962
Ion Ratio Lower Upper
117 100
119 99.8 76.7 115.1



#33
Benzene
Concen: 5.549 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

Tgt Ion: 78 Resp: 40340





#34

Trichloroethene

Concen: 5.412 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 11264

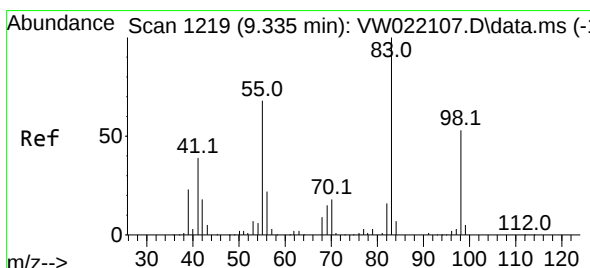
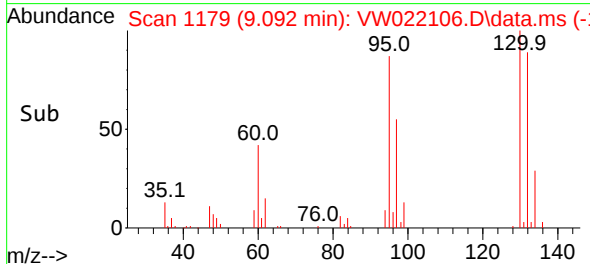
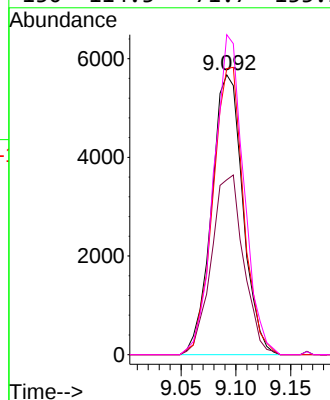
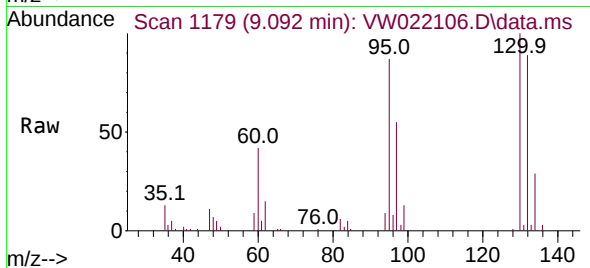
Ion Ratio Lower Upper

95 100

97 62.5 44.4 82.4

132 102.2 71.7 133.1

130 114.3 71.7 133.1



#35

Methylcyclohexane

Concen: 5.300 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

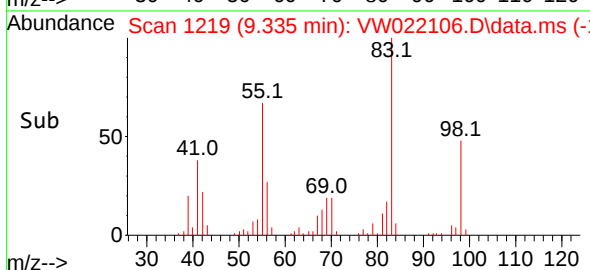
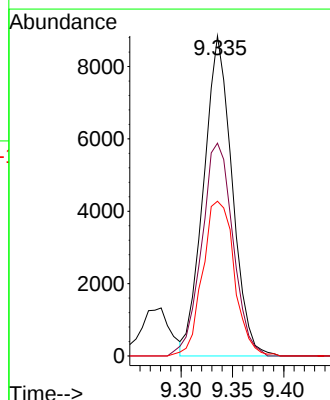
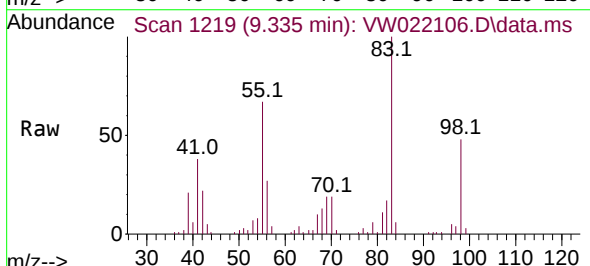
Tgt Ion: 83 Resp: 17063

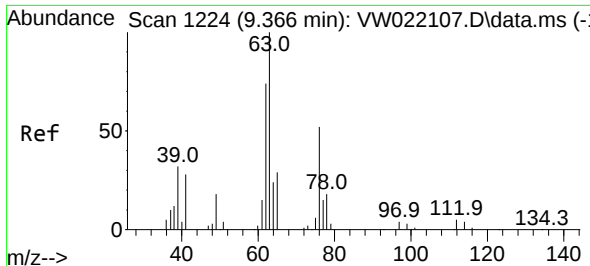
Ion Ratio Lower Upper

83 100

55 73.0 53.8 80.8

98 53.7 42.1 63.1





#37

1,2-Dichloropropane

Concen: 5.517 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

Instrument :

MSVOA_W

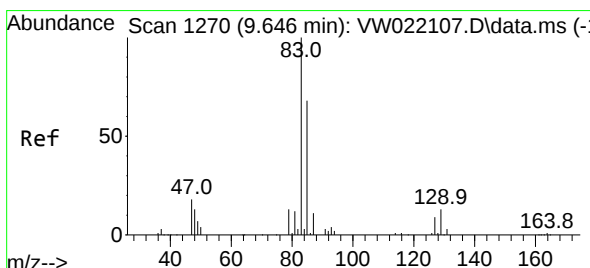
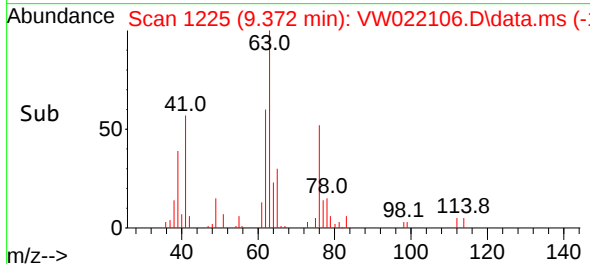
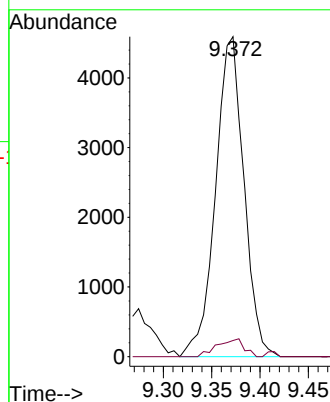
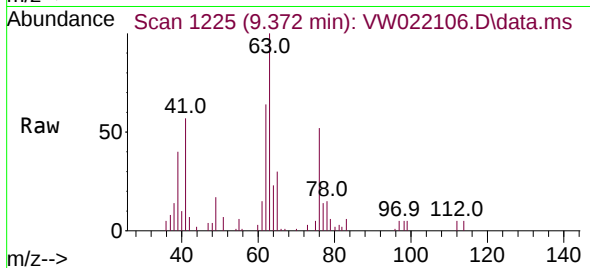
ClientSampleId :

Tgt Ion: 63 Resp: 9356

Ion Ratio Lower Upper

63 100

112 5.3 4.1 6.1



#38

Bromodichloromethane

Concen: 4.982 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

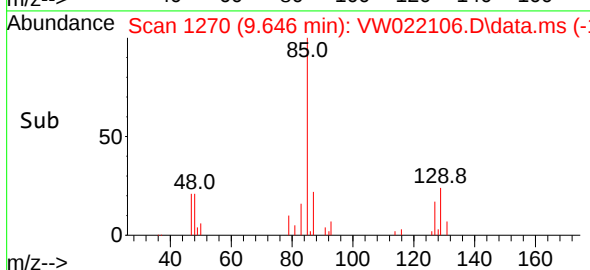
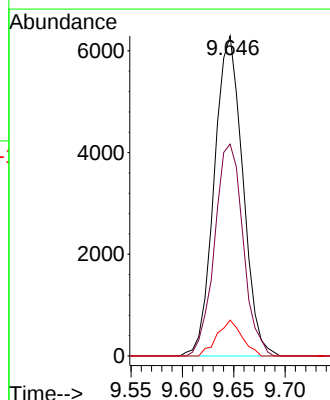
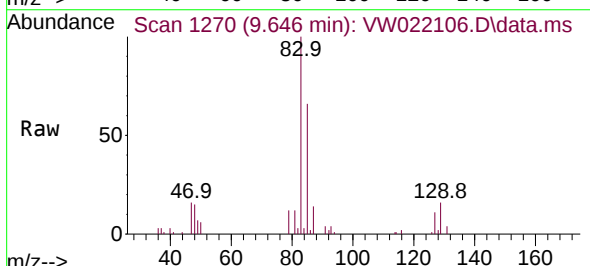
Tgt Ion: 83 Resp: 12117

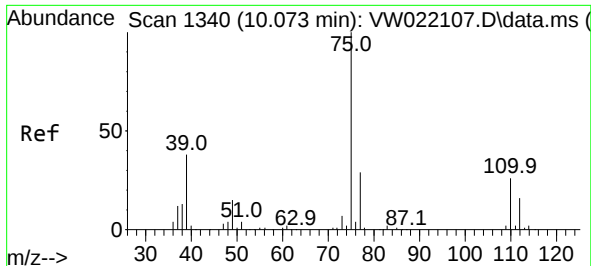
Ion Ratio Lower Upper

83 100

85 66.2 47.9 89.1

127 11.2 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 4.830 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

Instrument :

MSVOA_W

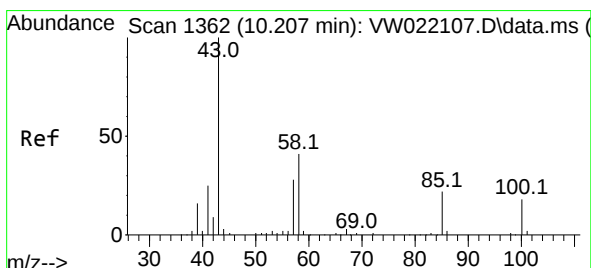
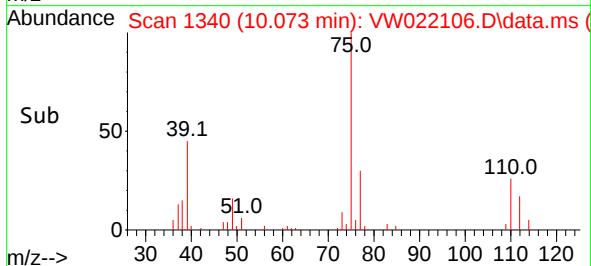
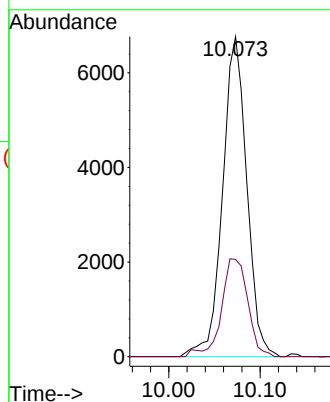
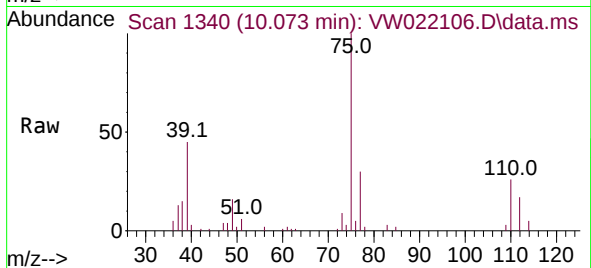
ClientSampleId :

Tgt Ion: 75 Resp: 12452

Ion Ratio Lower Upper

75 100

77 30.4 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 9.226 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

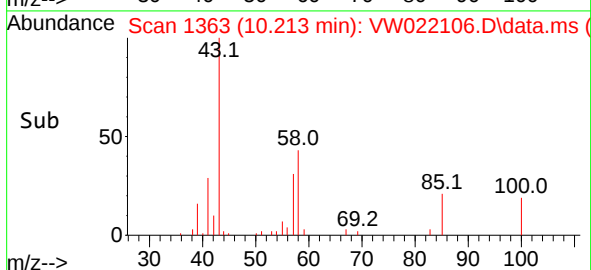
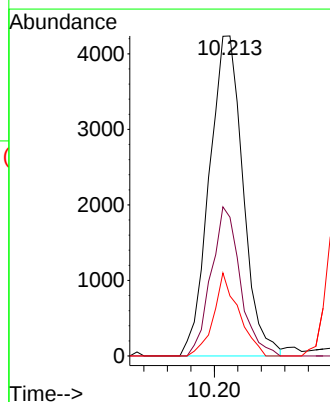
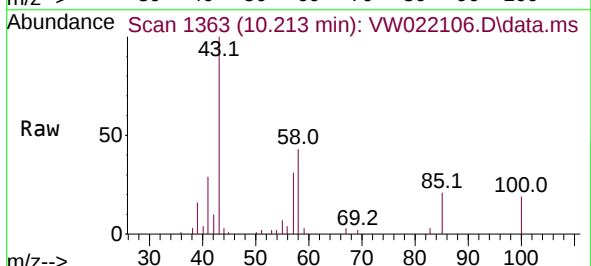
Tgt Ion: 43 Resp: 8450

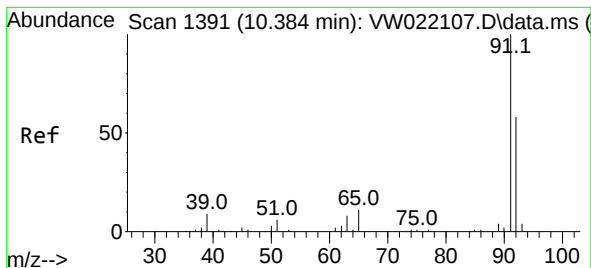
Ion Ratio Lower Upper

43 100

58 40.2 33.2 49.8

100 19.3 16.1 24.1





#42

Toluene

Concen: 5.312 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

Instrument :

MSVOA_W

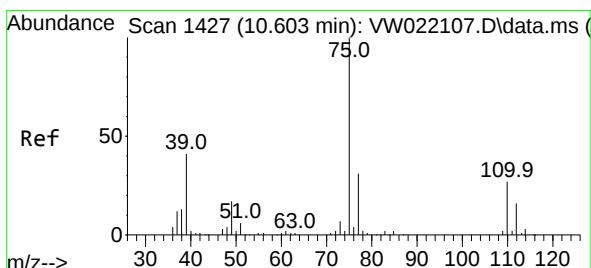
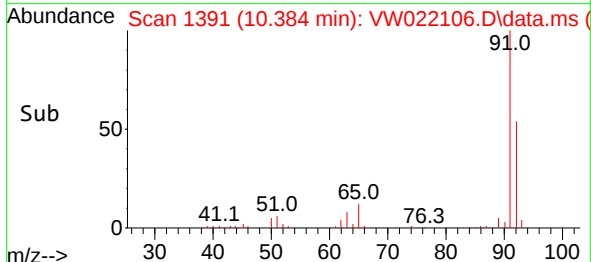
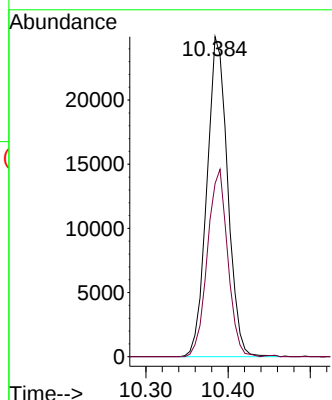
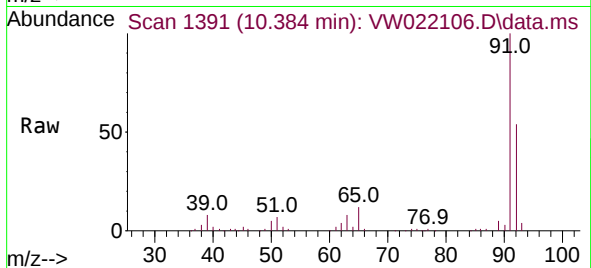
ClientSampleId :

Tgt Ion: 91 Resp: 43702

Ion Ratio Lower Upper

91 100

92 54.1 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.809 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW022106.D

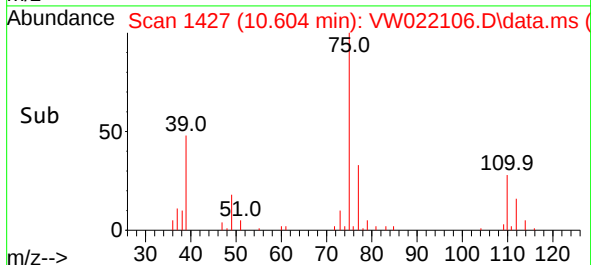
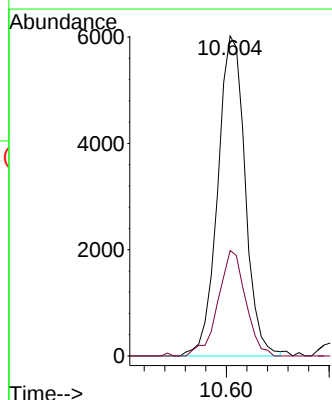
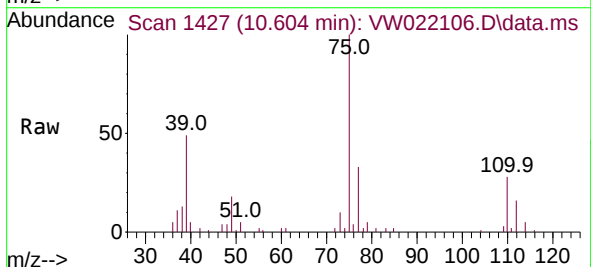
Acq: 23 Feb 2022 13:36

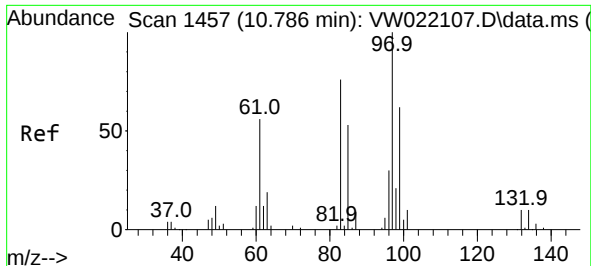
Tgt Ion: 75 Resp: 11141

Ion Ratio Lower Upper

75 100

77 33.0 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 5.078 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

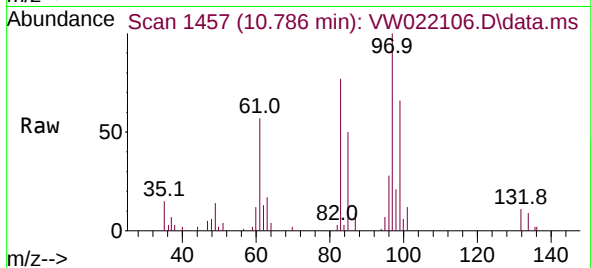
Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 7637

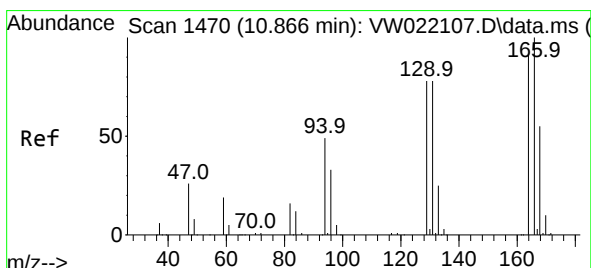
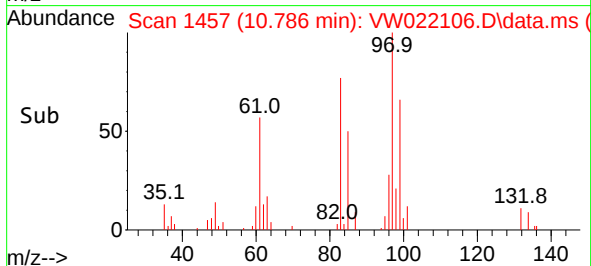
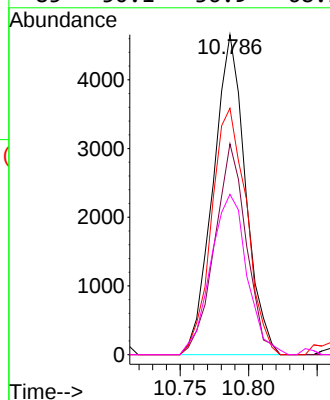
Ion Ratio Lower Upper

97 100

99 65.9 43.5 80.7

83 77.0 53.5 99.3

85 50.1 36.9 68.5



#46

Tetrachloroethene

Concen: 5.280 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

Tgt Ion:164 Resp: 9628

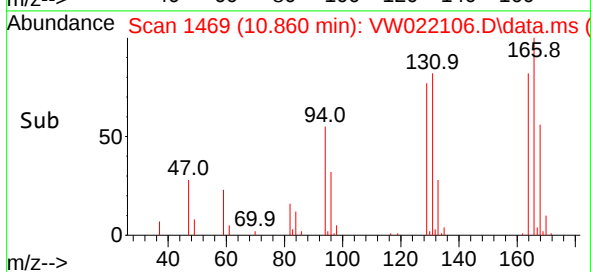
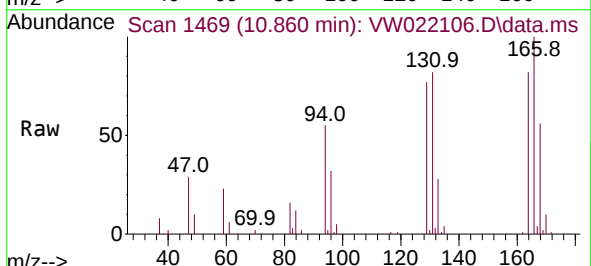
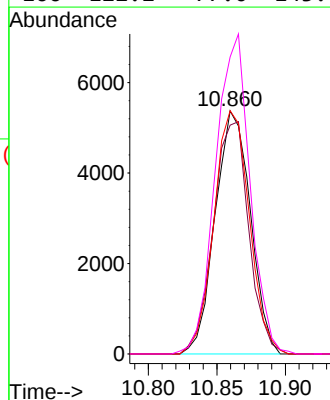
Ion Ratio Lower Upper

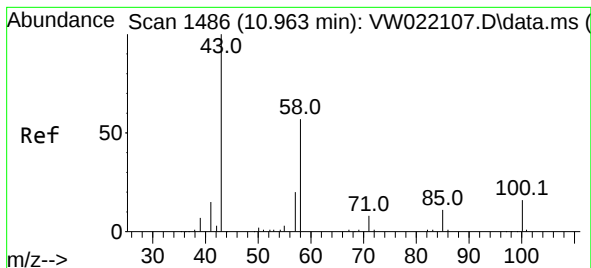
164 100

129 94.2 60.3 111.9

131 100.1 59.9 111.3

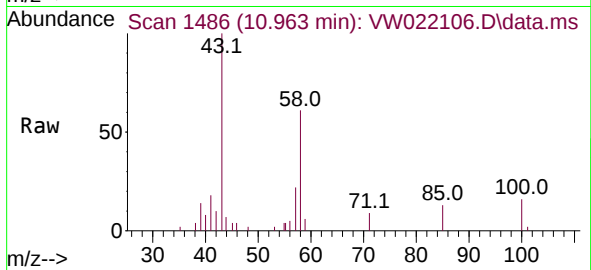
166 122.2 77.0 143.0



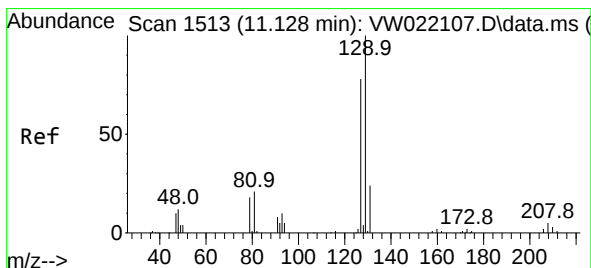
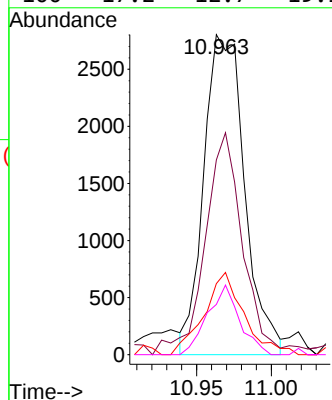
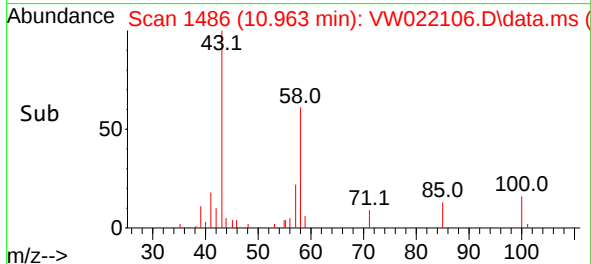


#48
2-Hexanone
Concen: 8.347 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

Instrument :
MSVOA_W
ClientSampleId :

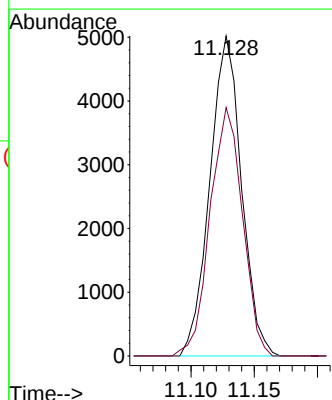
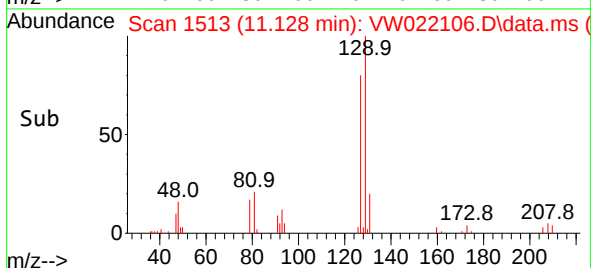
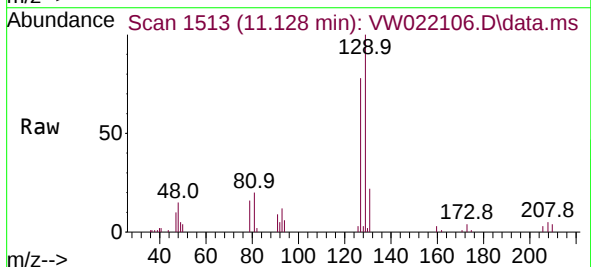


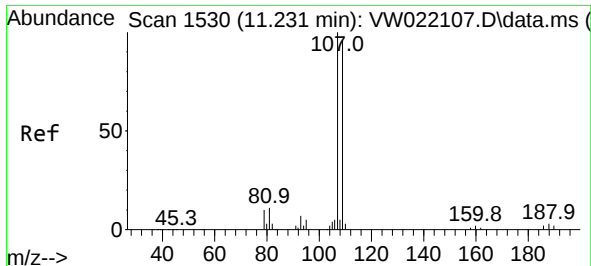
Tgt Ion: 43 Resp: 5306
Ion Ratio Lower Upper
43 100
58 62.0 44.6 66.8
57 25.1 15.8 23.8#
100 17.2 12.7 19.1



#49
Dibromochloromethane
Concen: 4.788 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

Tgt Ion: 129 Resp: 8746
Ion Ratio Lower Upper
129 100
127 77.6 54.5 101.1





#50

1,2-Dibromoethane

Concen: 5.004 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.006 min

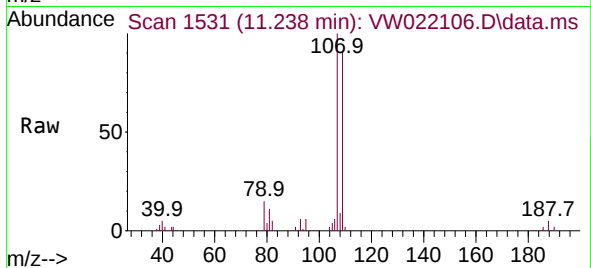
Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

Instrument :

MSVOA_W

ClientSampleId :



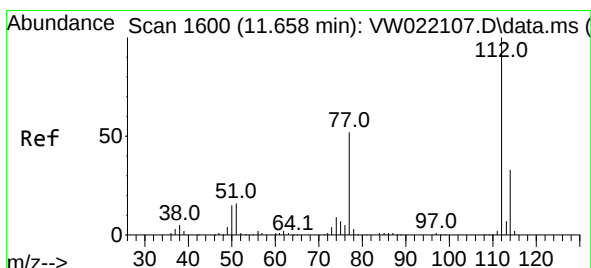
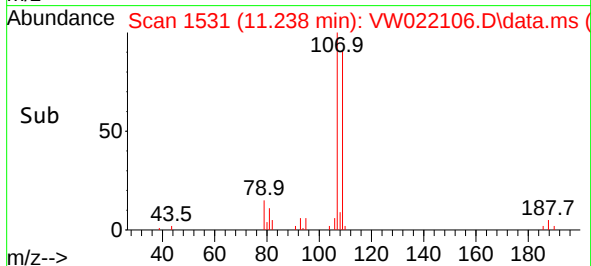
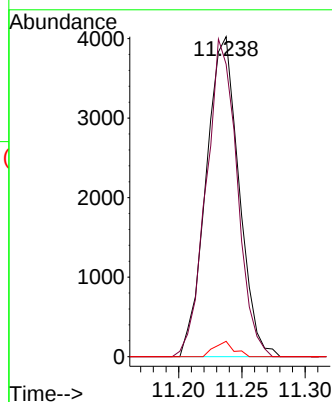
Tgt Ion:107 Resp: 7259

Ion Ratio Lower Upper

107 100

109 91.4 66.8 124.2

188 4.8 2.6 4.0#



#51

Chlorobenzene

Concen: 5.279 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

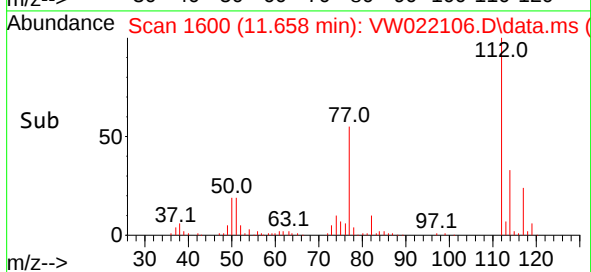
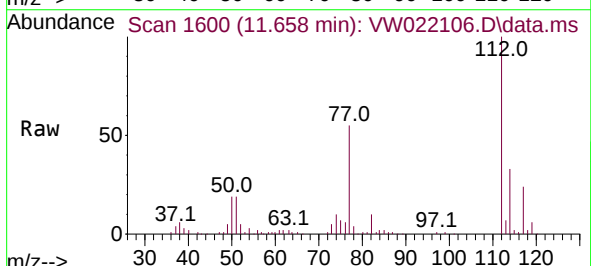
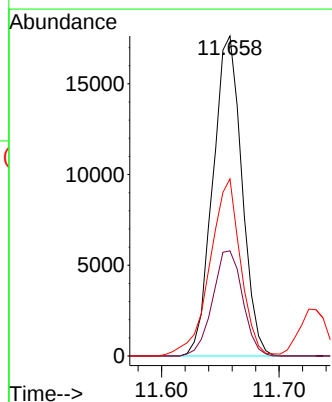
Tgt Ion:112 Resp: 30227

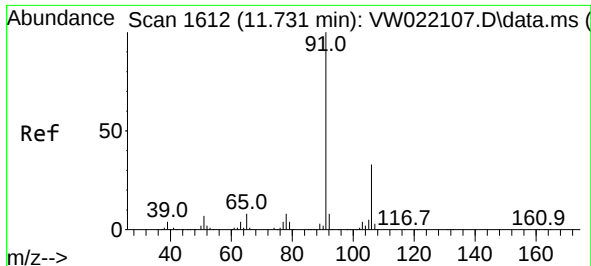
Ion Ratio Lower Upper

112 100

114 32.8 23.0 42.8

77 55.4 41.8 62.6

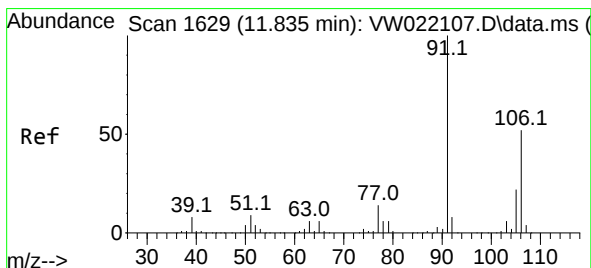
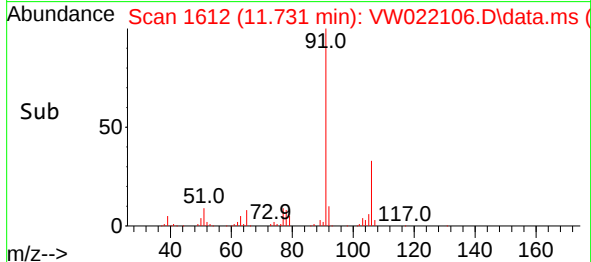
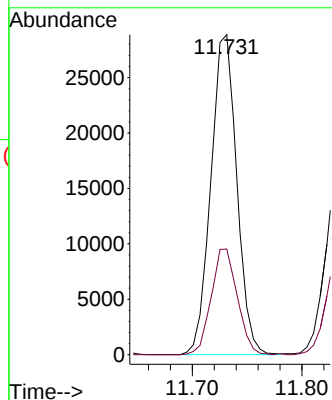
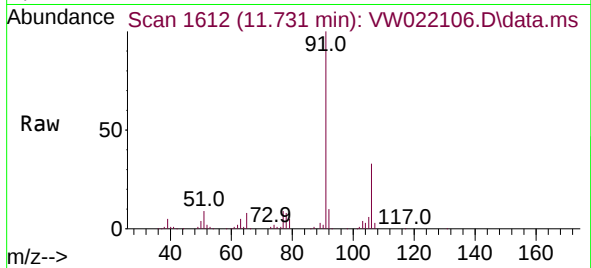




#52
Ethylbenzene
Concen: 5.213 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

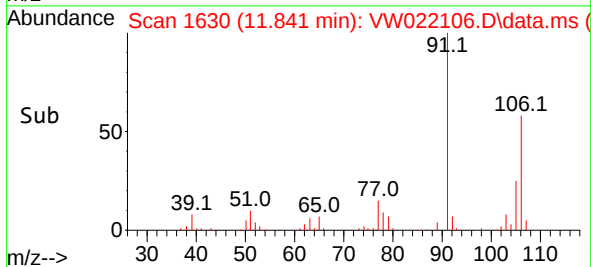
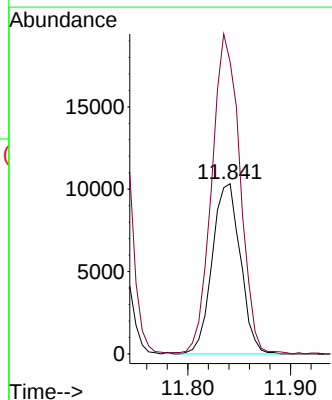
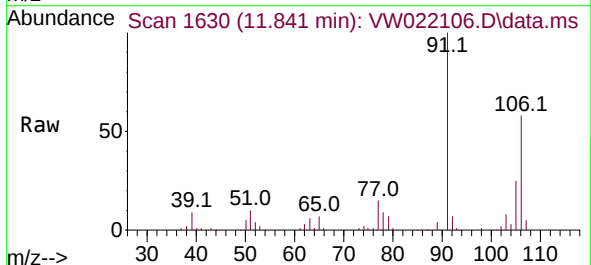
Instrument :
MSVOA_W
ClientSampleId :

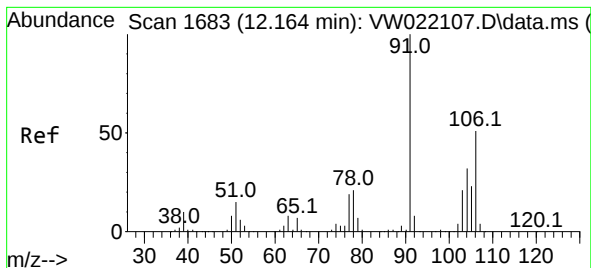
Tgt Ion: 91 Resp: 47466
Ion Ratio Lower Upper
91 100
106 33.0 22.8 42.4



#53
m,p-Xylene
Concen: 5.254 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

Tgt Ion: 106 Resp: 19687
Ion Ratio Lower Upper
106 100
91 171.5 135.0 250.8





#54

o-Xylene

Concen: 4.902 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

Instrument :

MSVOA_W

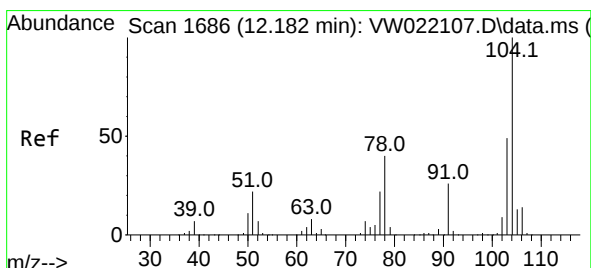
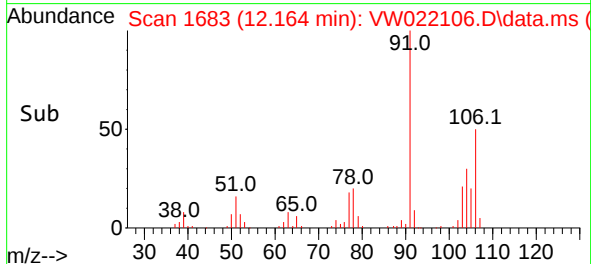
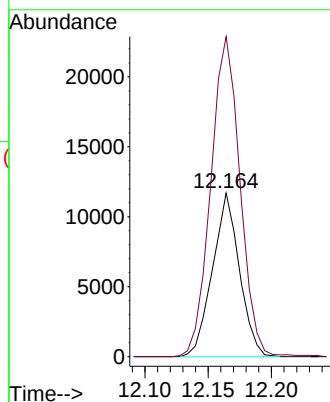
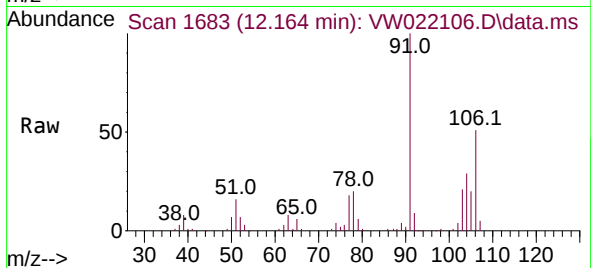
ClientSampleId :

Tgt Ion:106 Resp: 17283

Ion Ratio Lower Upper

106 100

91 195.5 136.9 254.3



#55

Styrene

Concen: 4.960 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW022106.D

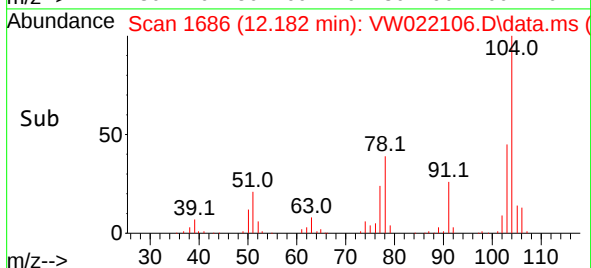
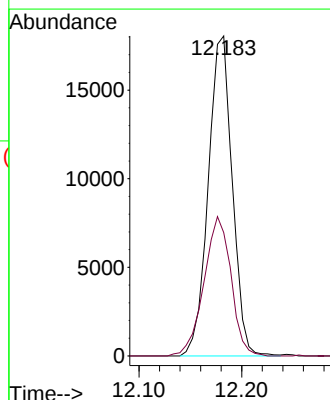
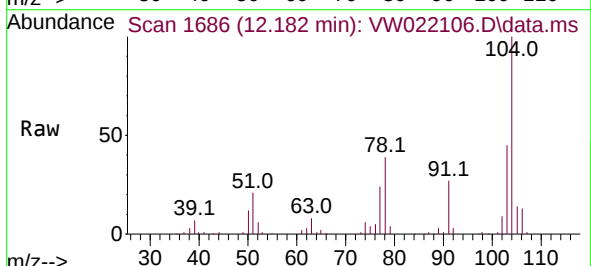
Acq: 23 Feb 2022 13:36

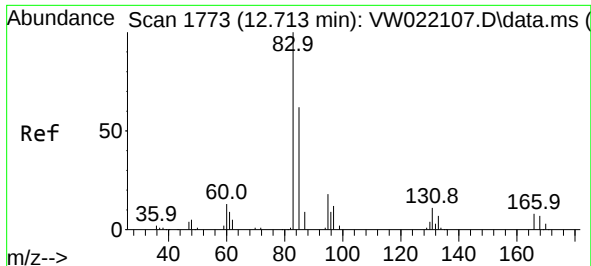
Tgt Ion:104 Resp: 29317

Ion Ratio Lower Upper

104 100

78 38.6 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.023 ug/L

RT: 12.707 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022106.D

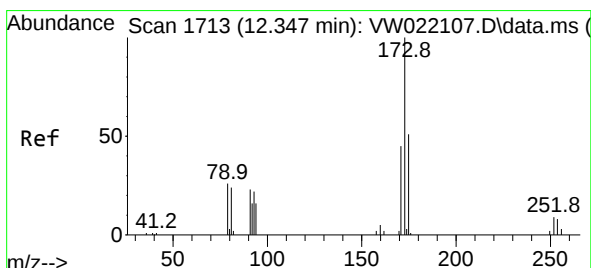
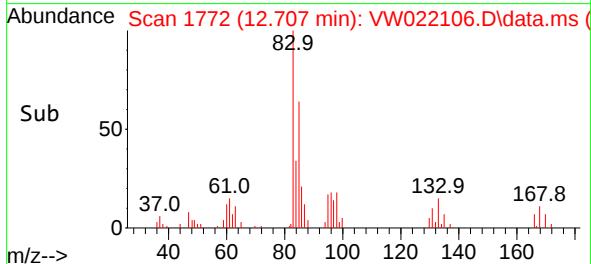
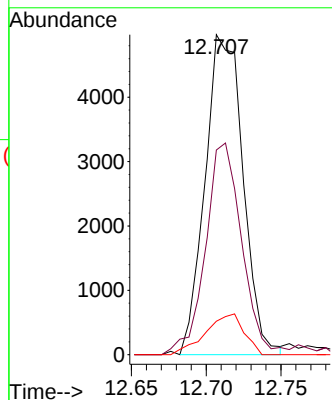
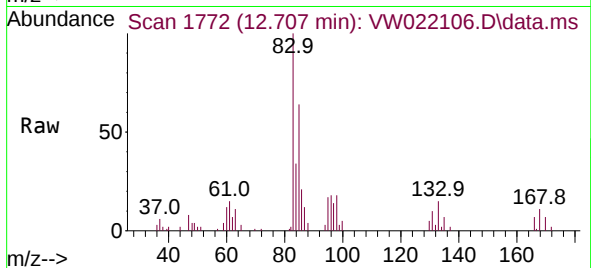
Acq: 23 Feb 2022 13:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	8765
Ion	Ratio	Lower	Upper
83	100		
85	63.9	44.2	82.0
131	10.4	9.4	14.0



#59

Bromoform

Concen: 4.295 ug/L

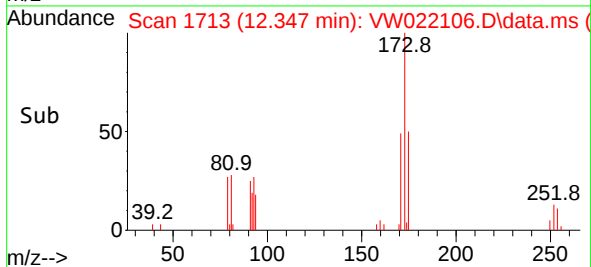
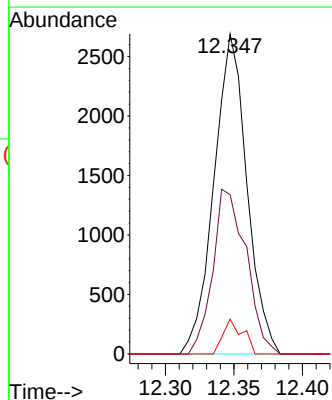
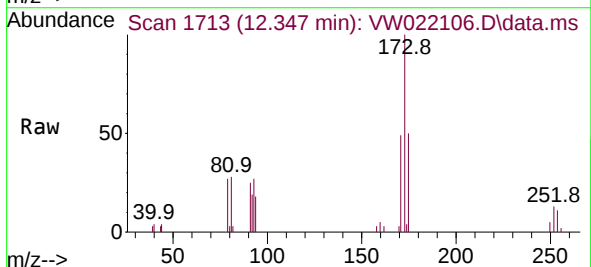
RT: 12.347 min Scan# 1713

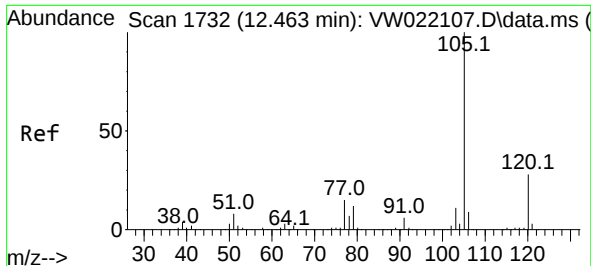
Delta R.T. 0.000 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

Tgt Ion:	173	Resp:	4498
Ion	Ratio	Lower	Upper
173	100		
175	52.0	38.2	57.4
254	6.4	5.0	7.6

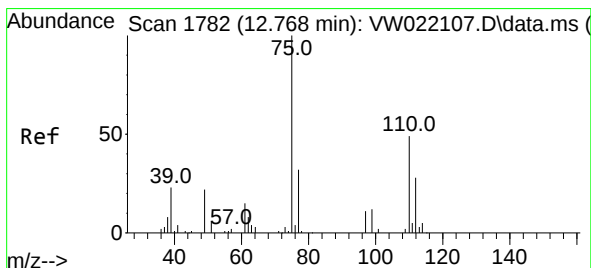
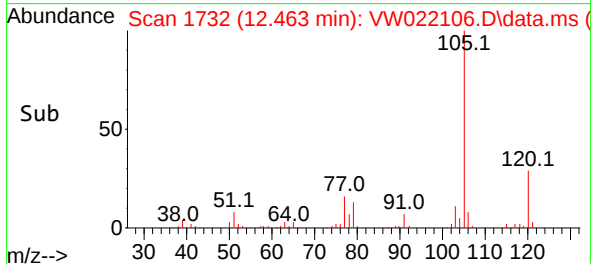
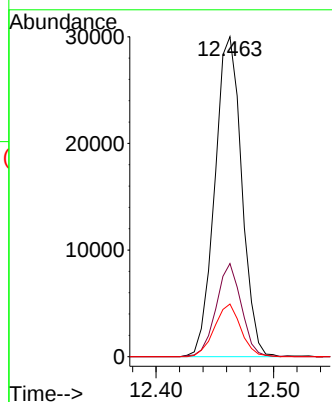
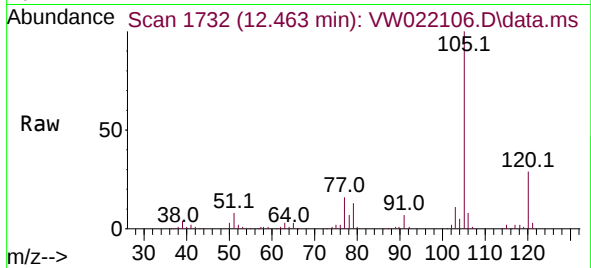




#60
Isopropylbenzene
Concen: 5.015 ug/L
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

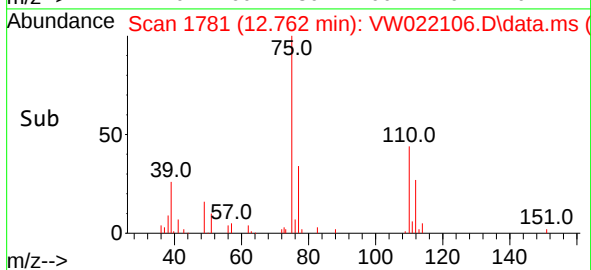
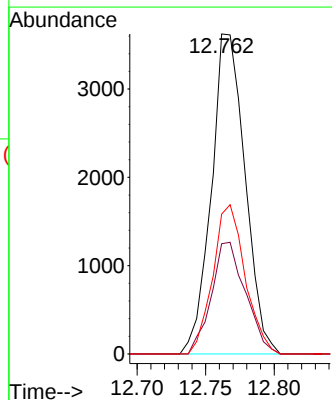
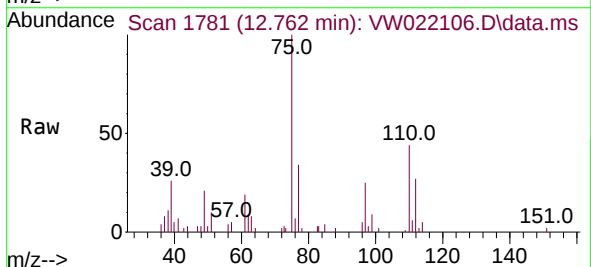
Instrument :
MSVOA_W
ClientSampleId :

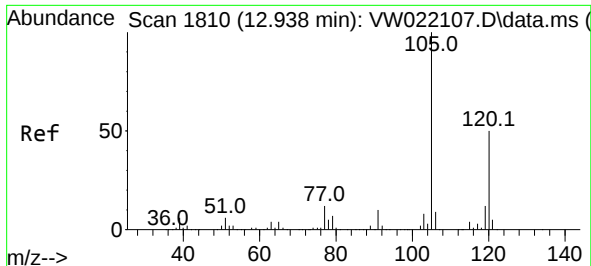
Tgt Ion:105 Resp: 47668
Ion Ratio Lower Upper
105 100
120 27.4 22.1 33.1
77 16.2 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 4.961 ug/L
RT: 12.762 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

Tgt Ion: 75 Resp: 6200
Ion Ratio Lower Upper
75 100
77 35.3 27.1 40.7
110 44.7 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 4.822 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

Instrument :

MSVOA_W

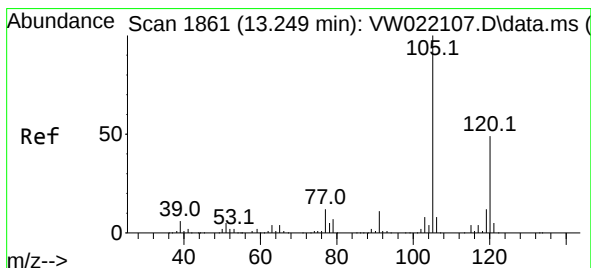
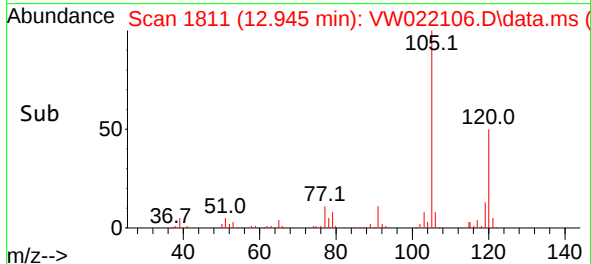
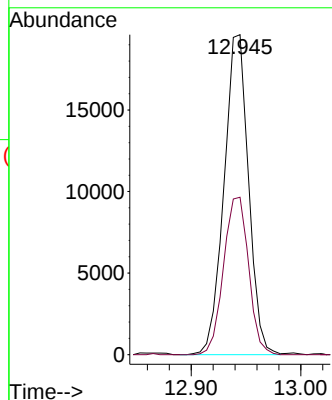
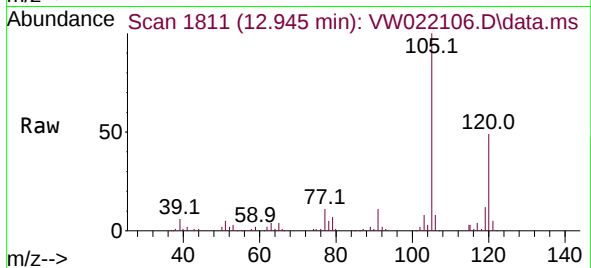
ClientSampleId :

Tgt Ion:105 Resp: 30479

Ion Ratio Lower Upper

105 100

120 50.3 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 4.946 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022106.D

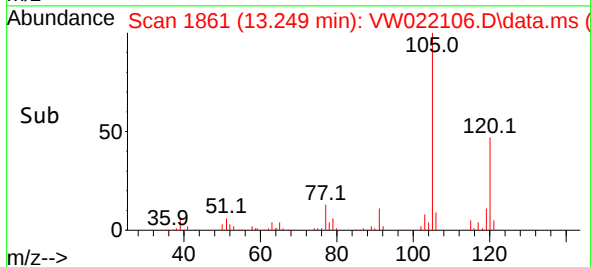
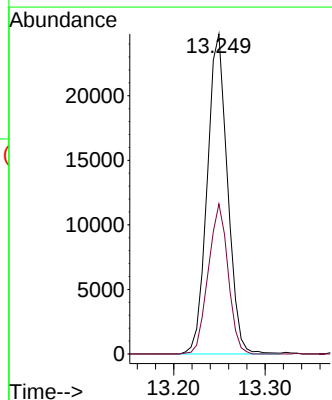
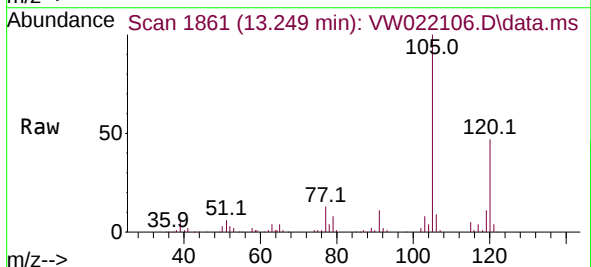
Acq: 23 Feb 2022 13:36

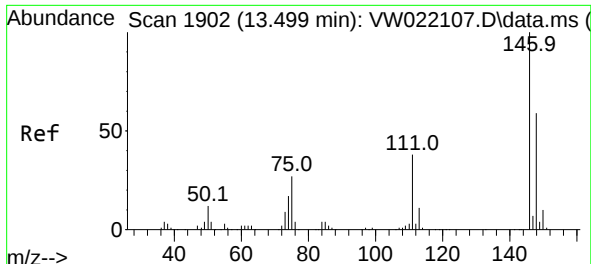
Tgt Ion:105 Resp: 38208

Ion Ratio Lower Upper

105 100

120 45.5 39.2 58.8

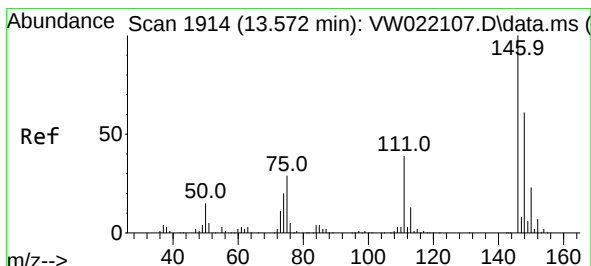
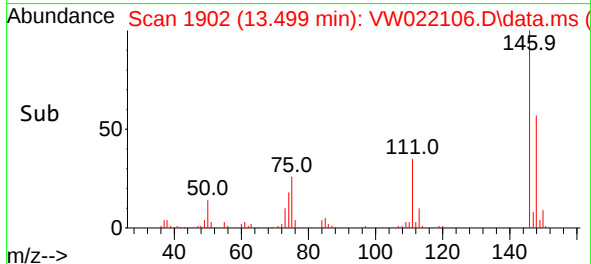
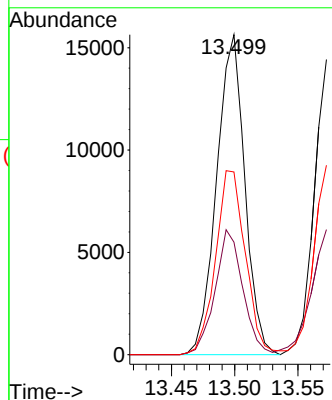
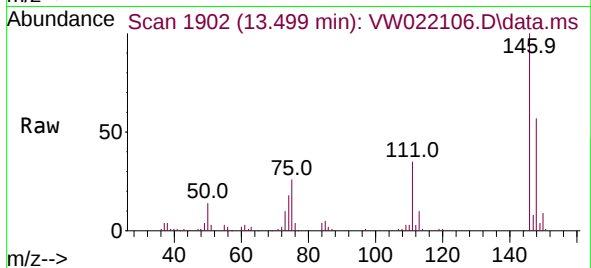




#64
1,3-Dichlorobenzene
Concen: 5.133 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

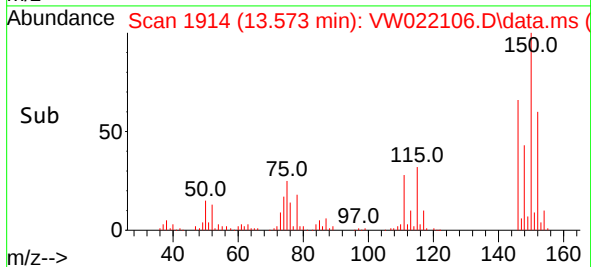
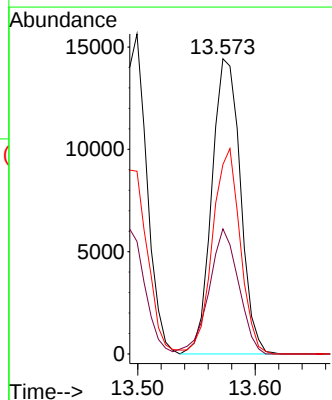
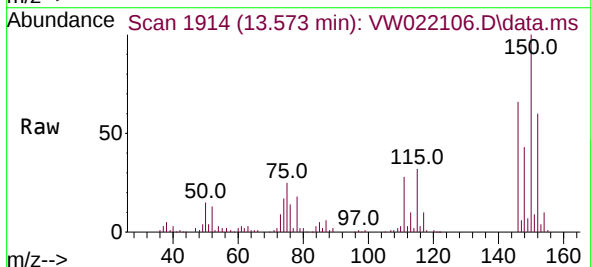
Instrument :
MSVOA_W
ClientSampleId :

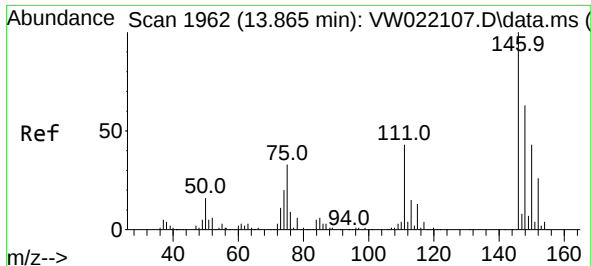
Tgt Ion:146 Resp: 24207
Ion Ratio Lower Upper
146 100
111 35.2 26.9 49.9
148 57.1 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 5.161 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022106.D
Acq: 23 Feb 2022 13:36

Tgt Ion:146 Resp: 24387
Ion Ratio Lower Upper
146 100
111 42.4 27.5 51.1
148 64.2 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 5.176 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

Instrument :

MSVOA_W

ClientSampleId :

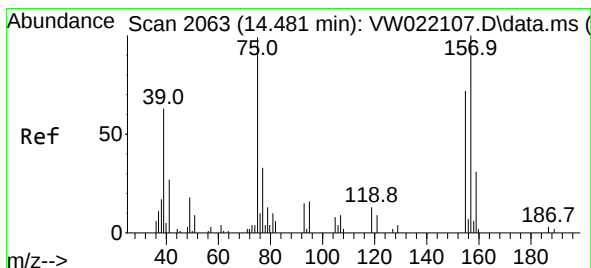
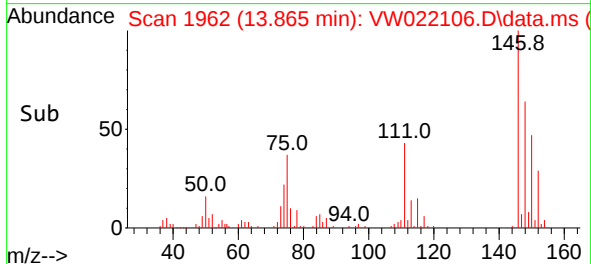
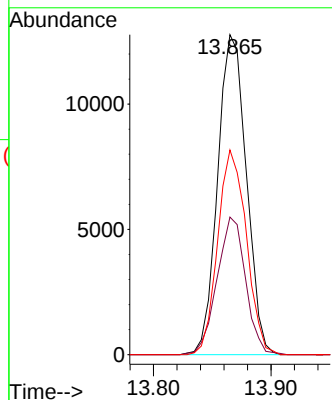
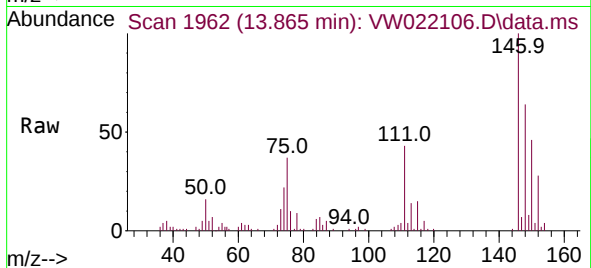
Tgt Ion:146 Resp: 21699

Ion Ratio Lower Upper

146 100

111 43.0 34.8 52.2

148 64.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.468 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

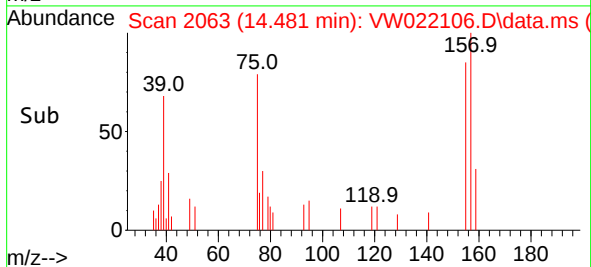
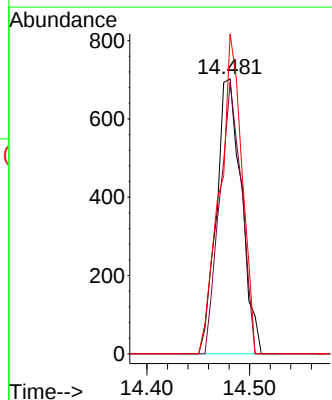
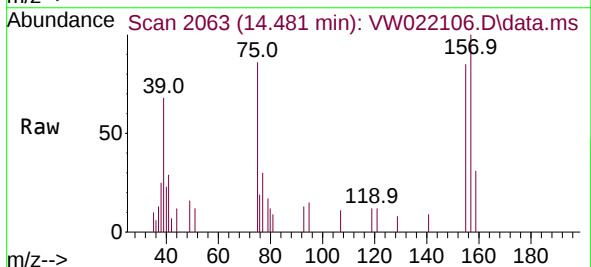
Tgt Ion: 75 Resp: 1181

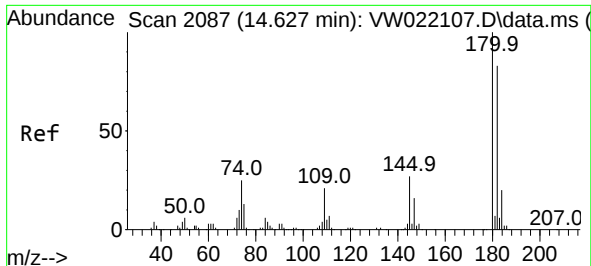
Ion Ratio Lower Upper

75 100

155 98.7 58.2 87.2#

157 116.4 80.5 120.7





#69

1,3,5-Trichlorobenzene

Concen: 5.080 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

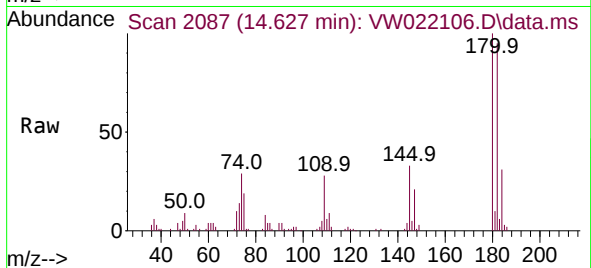
Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 17193

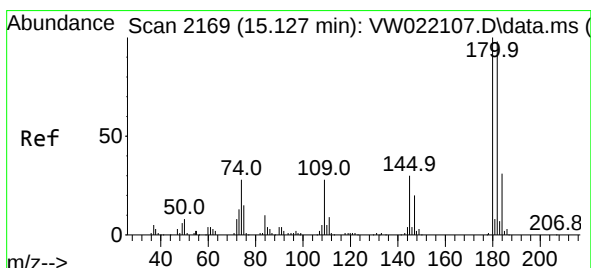
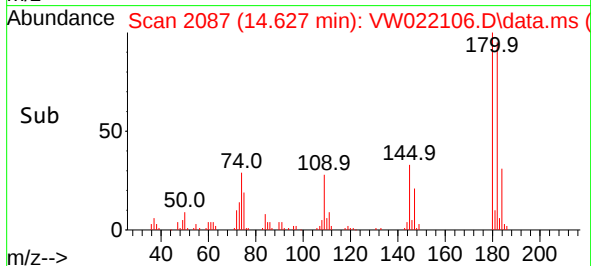
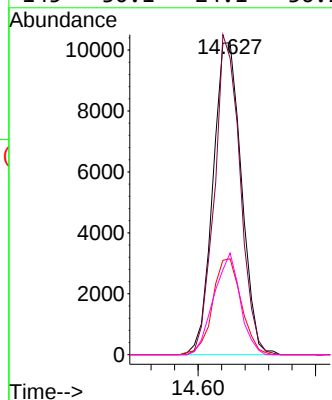
Ion Ratio Lower Upper

180 100

182 92.4 69.4 104.0

184 31.0 21.8 32.8

145 30.1 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.721 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

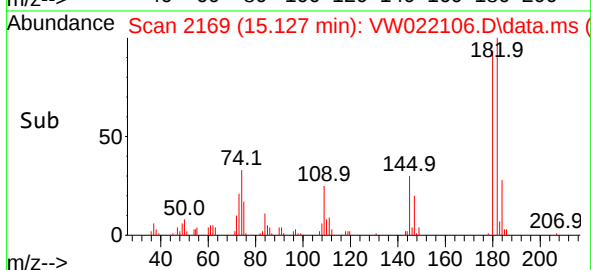
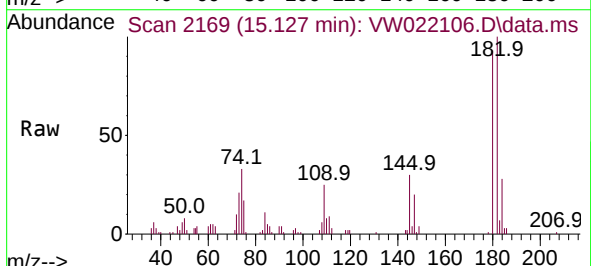
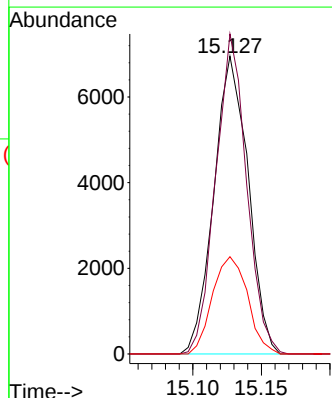
Tgt Ion:180 Resp: 12091

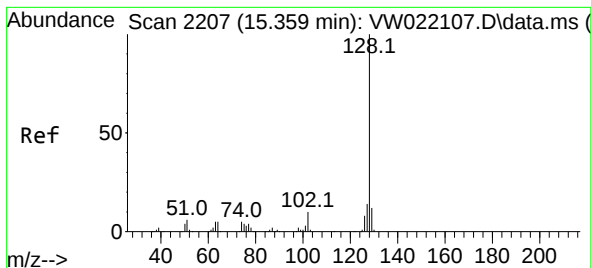
Ion Ratio Lower Upper

180 100

182 96.8 77.8 116.6

145 33.5 25.8 38.6





#71

Naphthalene

Concen: 4.358 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022106.D

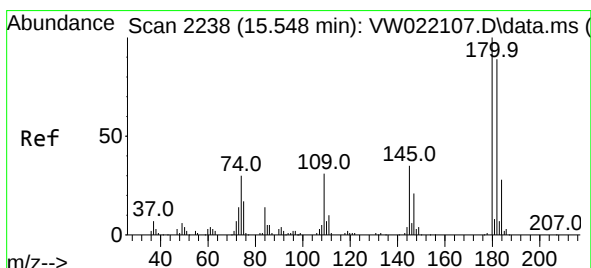
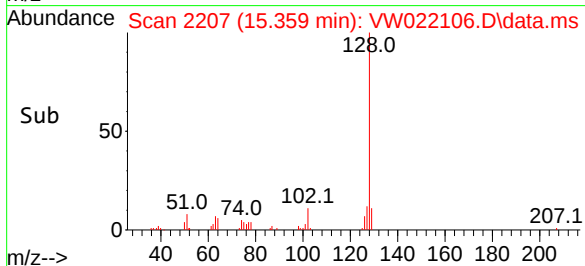
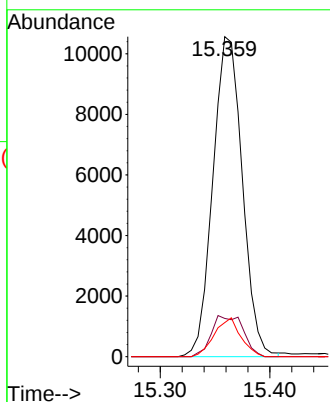
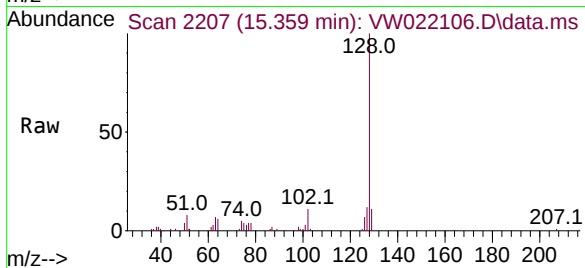
Acq: 23 Feb 2022 13:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	128	Resp:	19703
Ion	Ratio	Lower	Upper
128	100		
127	9.3	11.0	16.6#
129	10.9	8.9	13.3



#72

1,2,3-Trichlorobenzene

Concen: 5.168 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022106.D

Acq: 23 Feb 2022 13:36

Tgt Ion:	180	Resp:	11448
Ion	Ratio	Lower	Upper
180	100		
182	92.9	79.0	118.4
145	33.7	28.0	42.0

