

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY006991.D
 Acq On : 07 Dec 2021 12:01
 Operator : SY/MD
 Sample : VSTD2.506
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 08 01:16:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120721SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 01:13:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	151363	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.496	117	139936	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	78572	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	7803	3.449	ug/L	0.00
7) Chloroethane-d5	2.772	69	6023	3.428	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.857	63	12671	2.956	ug/L	0.00
21) 2-Butanone-d5	6.887	46	5111	6.187	ug/L	0.00
24) Chloroform-d	7.484	84	12044	3.029	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.149	65	7459	3.118	ug/L	0.00
32) Benzene-d6	8.112	84	22835	2.941	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.118	67	7900	3.159	ug/L	0.00
41) Toluene-d8	10.179	98	21145	2.927	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.435	79	3525	2.956	ug/L	0.00
47) 2-Hexanone-d5	10.789	63	3292	5.521	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.563	84	6583	3.109	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.727	152	7912	3.022	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	1145	1.182	ug/L #	71
3) Chloromethane	2.113	50	7919	4.063	ug/L	94
5) Vinyl chloride	2.260	62	11897	4.011	ug/L	90
6) Bromomethane	2.668	94	6416	3.573	ug/L	95
8) Chloroethane	2.808	64	6070	3.407	ug/L	94
9) Trichlorofluoromethane	3.125	101	6734	3.228	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.906	101	6268	3.213	ug/L	98
12) 1,1-Dichloroethene	3.875	96	6090	2.930	ug/L	77
13) Acetone	3.960	43	5522	7.439	ug/L	85
14) Carbon disulfide	4.198	76	19757	2.884	ug/L	95
15) Methyl Acetate	4.479	43	4849	3.013	ug/L #	65
16) Methylene chloride	4.723	84	16231	5.803	ug/L	99
17) trans-1,2-Dichloroethene	5.222	96	6506	2.916	ug/L	95
18) Methyl tert-butyl Ether	5.229	73	11855	2.887	ug/L #	78
19) 1,1-Dichloroethane	6.021	63	13799	3.232	ug/L	94
20) cis-1,2-Dichloroethene	6.997	96	6995	2.932	ug/L	94
22) 2-Butanone	6.990	43	6602	6.312	ug/L #	71
23) Bromochloromethane	7.344	128	3102	2.862	ug/L	94
25) Chloroform	7.509	83	13336	3.138	ug/L	93
27) 1,2-Dichloroethane	8.240	62	9105	2.950	ug/L	99
29) Cyclohexane	7.783	56	11237	2.792	ug/L	97
30) 1,1,1-Trichloroethane	7.704	97	10833	3.010	ug/L	99
31) Carbon tetrachloride	7.899	117	9843	2.904	ug/L	100
33) Benzene	8.161	78	26710	2.779	ug/L	100
34) Trichloroethene	8.941	95	7047	3.000	ug/L	89
35) Methylcyclohexane	9.185	83	11071	2.641	ug/L	98
37) 1,2-Dichloropropane	9.216	63	7591	3.006	ug/L	98
38) Bromodichloromethane	9.496	83	9511	2.959	ug/L	100
39) cis-1,3-Dichloropropene	9.929	75	11036	2.829	ug/L	95
40) 4-Methyl-2-pentanone	10.069	43	12313	5.437	ug/L	99
42) Toluene	10.246	91	28537	2.797	ug/L	99
44) trans-1,3-Dichloropropene	10.472	75	10159	2.780	ug/L	98

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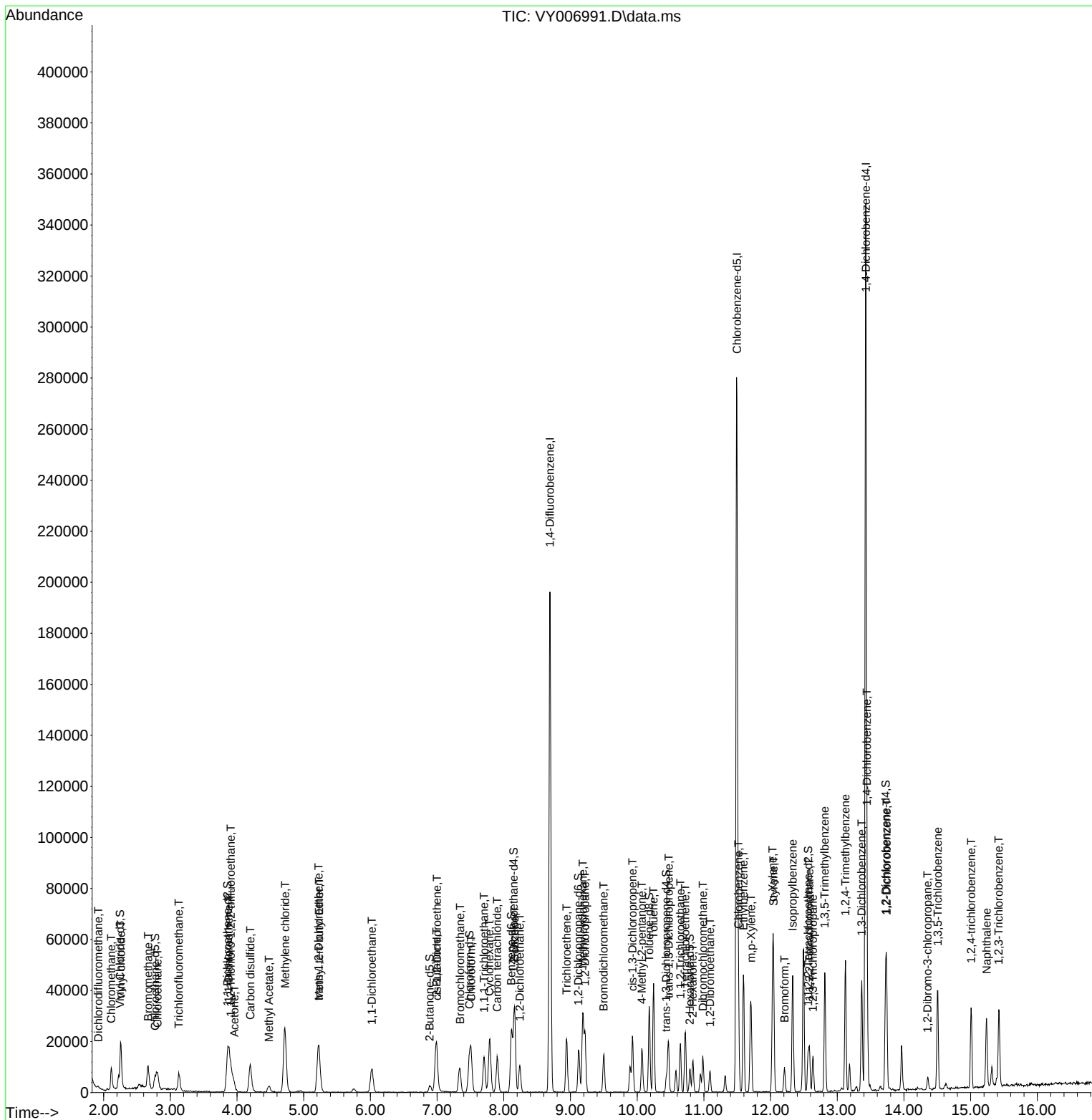
Instrument :
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 ClientSampleId :

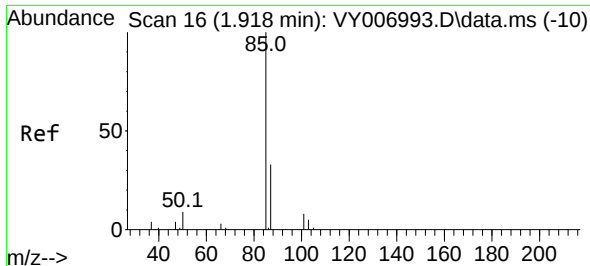
Quant Time: Dec 08 01:16:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120721SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 01:13:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.648	97	5447	2.959	ug/L	91
46) Tetrachloroethene	10.721	164	4947	2.583	ug/L	87
48) 2-Hexanone	10.831	43	8515	5.609	ug/L	98
49) Dibromochloromethane	10.984	129	6168	2.796	ug/L	100
50) 1,2-Dibromoethane	11.093	107	5213	2.985	ug/L	88
51) Chlorobenzene	11.520	112	17647	2.861	ug/L	98
52) Ethylbenzene	11.593	91	30524	2.791	ug/L	96
53) m,p-Xylene	11.709	106	10762	2.603	ug/L	83
54) o-Xylene	12.032	106	10236	2.631	ug/L	97
55) Styrene	12.044	104	17196	2.529	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.581	83	7082	3.109	ug/L	98
59) Bromoform	12.209	173	3568	2.303	ug/L	99
60) Isopropylbenzene	12.331	105	27108	2.431	ug/L	99
61) 1,2,3-Trichloropropane	12.636	75	5359	2.787	ug/L	95
62) 1,3,5-Trimethylbenzene	12.813	105	21541	2.354	ug/L	96
63) 1,2,4-Trimethylbenzene	13.123	105	25805	2.803	ug/L	98
64) 1,3-Dichlorobenzene	13.367	146	16010	3.070	ug/L	96
65) 1,4-Dichlorobenzene	13.447	146	16157	3.041	ug/L	87
67) 1,2-Dichlorobenzene	13.739	146	13965	3.003	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.355	75	1435	3.355	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.507	180	11430	3.285	ug/L	98
70) 1,2,4-trichlorobenzene	15.007	180	8892	3.106	ug/L	99
71) Naphthalene	15.239	128	20417	3.503	ug/L	97
72) 1,2,3-Trichlorobenzene	15.422	180	8572	3.395	ug/L	93

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

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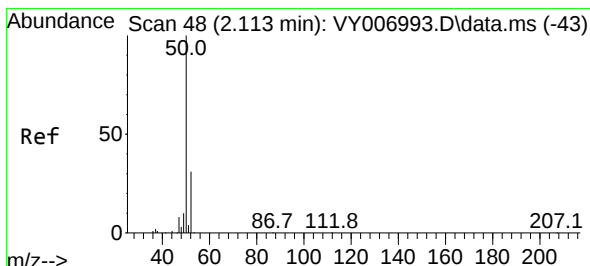
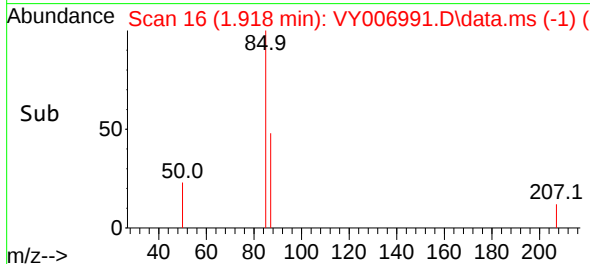
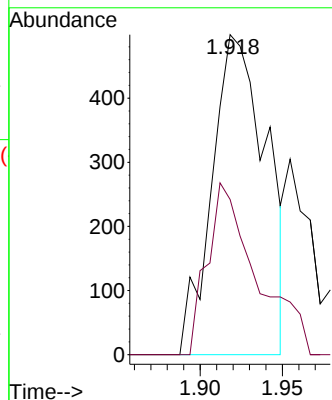
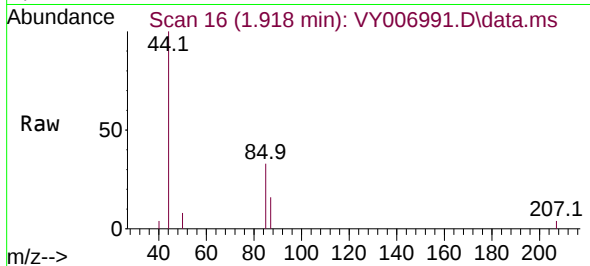




#2
Dichlorodifluoromethane
Concen: 1.182 ug/L
RT: 1.918 min Scan# 16
Delta R.T. -0.000 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

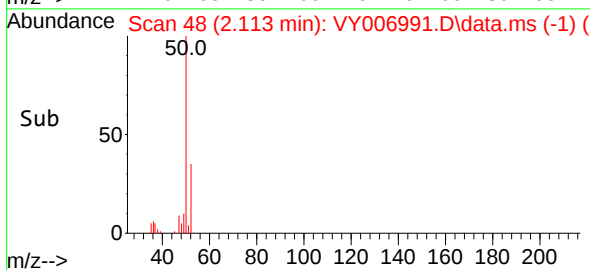
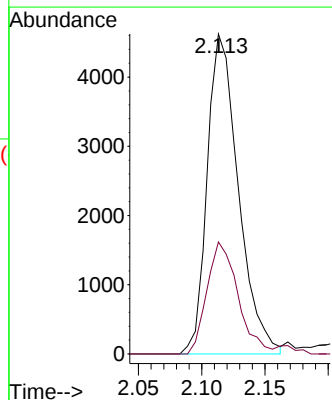
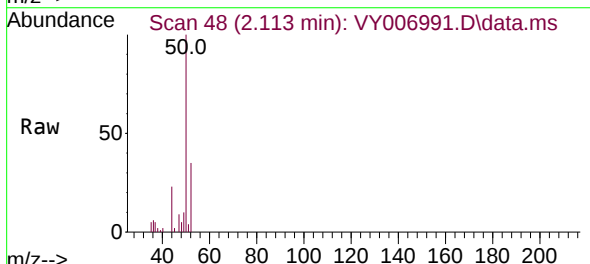
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MSVOA_Y
ClientSampleId :

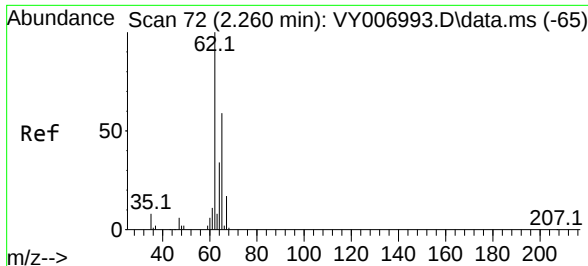
Tgt Ion: 85 Resp: 1145
Ion Ratio Lower Upper
85 100
87 41.4 21.2 31.8#



#3
Chloromethane
Concen: 4.063 ug/L
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

Tgt Ion: 50 Resp: 7919
Ion Ratio Lower Upper
50 100
52 35.0 22.0 41.0

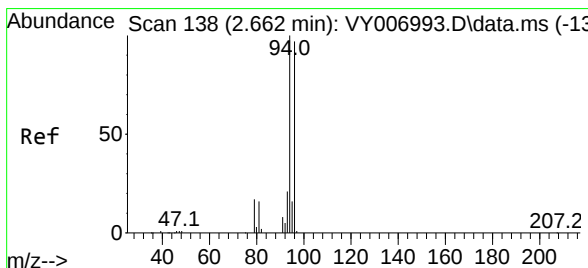
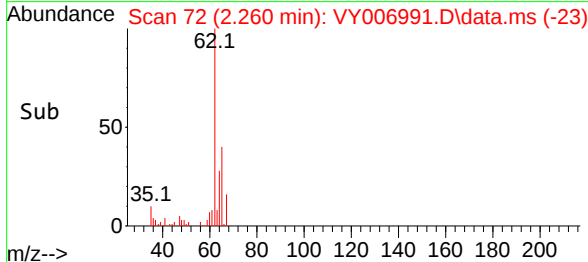
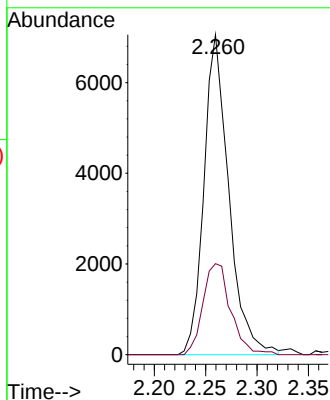
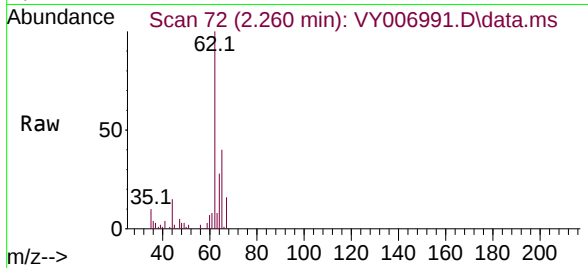




#5
 Vinyl chloride
 Concen: 4.011 ug/L
 RT: 2.260 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VY006991.D
 Acq: 07 Dec 2021 12:01

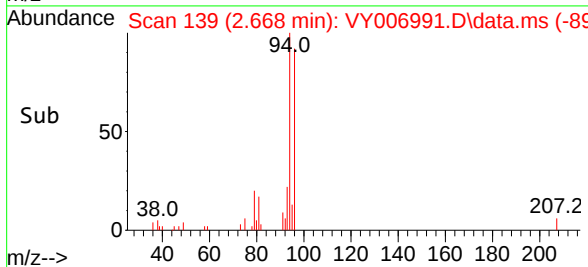
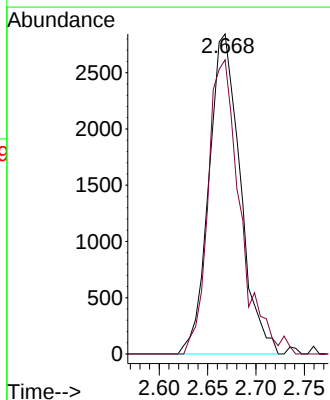
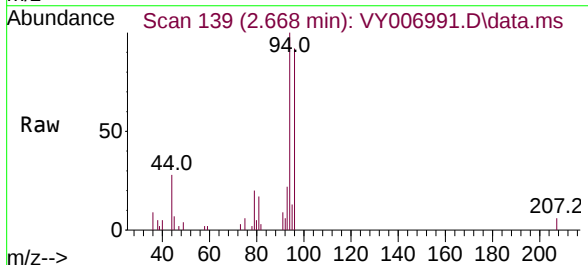
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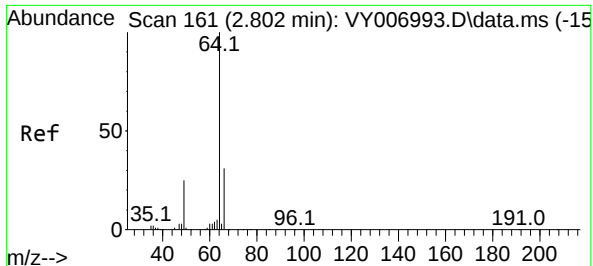
Tgt Ion: 62 Resp: 11897
 Ion Ratio Lower Upper
 62 100
 64 28.4 23.8 44.2



#6
 Bromomethane
 Concen: 3.573 ug/L
 RT: 2.668 min Scan# 139
 Delta R.T. 0.006 min
 Lab File: VY006991.D
 Acq: 07 Dec 2021 12:01

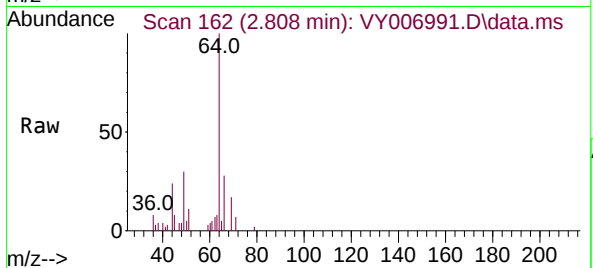
Tgt Ion: 94 Resp: 6416
 Ion Ratio Lower Upper
 94 100
 96 91.9 68.0 126.4



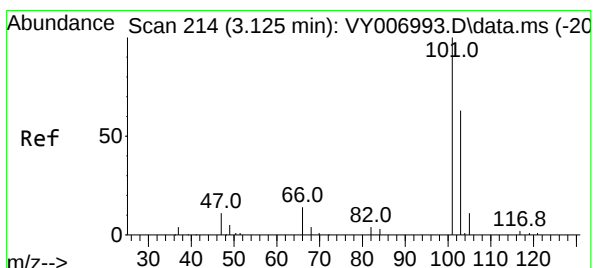
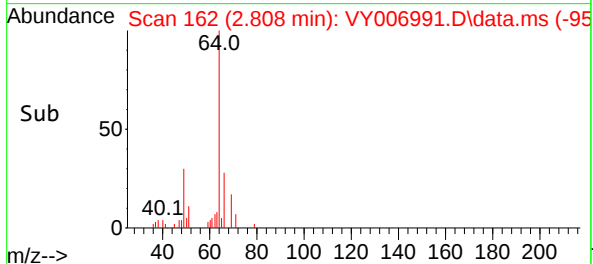
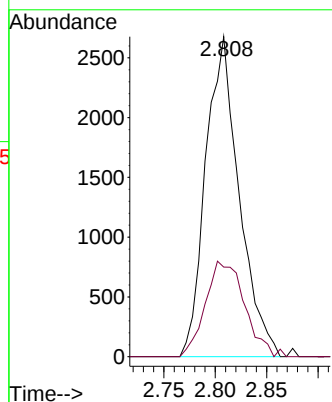


#8
Chloroethane
Concen: 3.407 ug/L
RT: 2.808 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

Instrument :
MSVOA_Y
ClientSampleId :

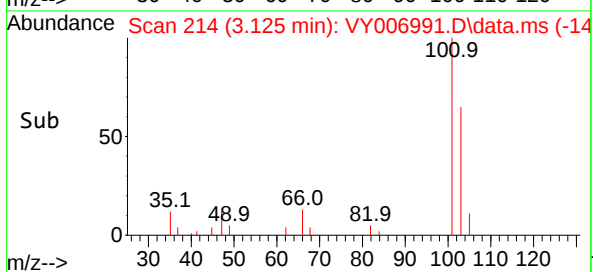
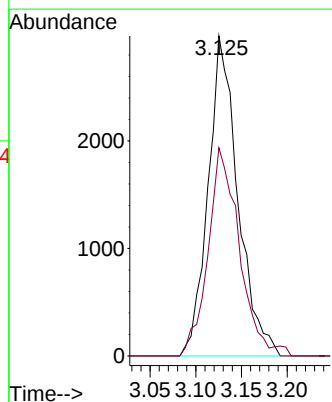
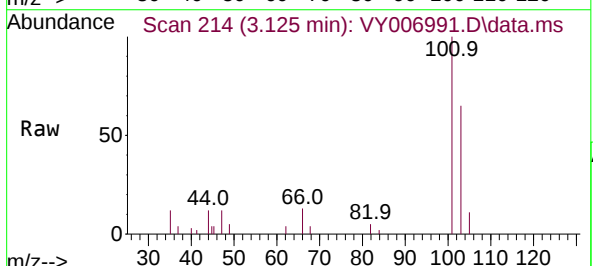


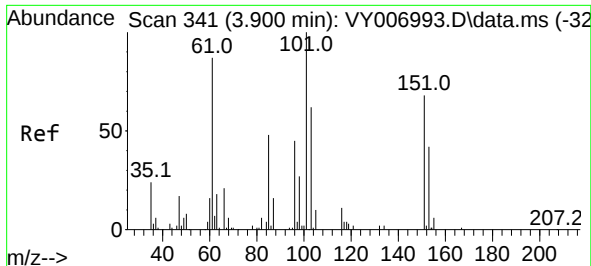
Tgt Ion: 64 Resp: 6070
Ion Ratio Lower Upper
64 100
66 28.0 21.8 40.4



#9
Trichlorofluoromethane
Concen: 3.228 ug/L
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

Tgt Ion:101 Resp: 6734
Ion Ratio Lower Upper
101 100
103 67.1 51.1 76.7

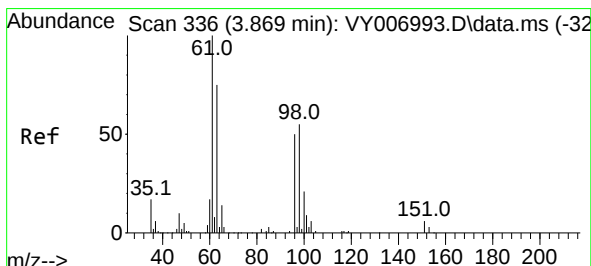
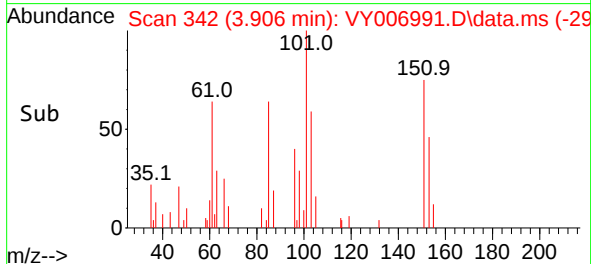
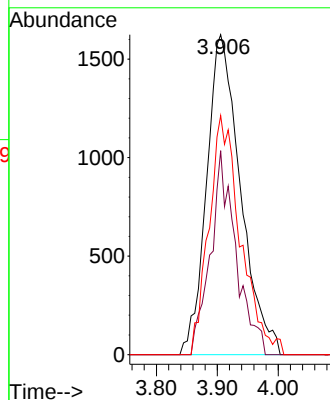
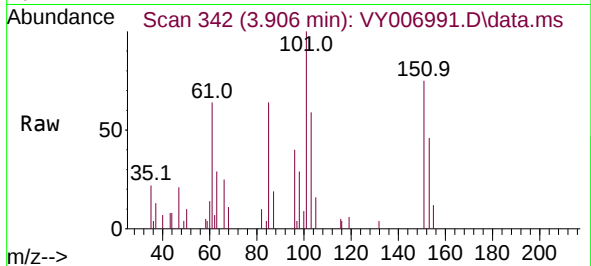




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.213 ug/L
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

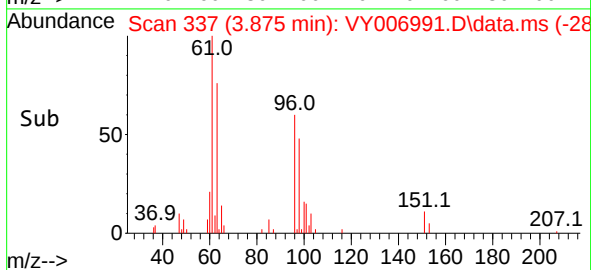
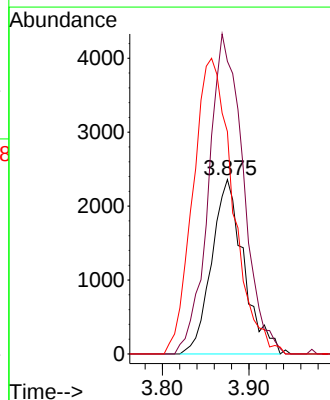
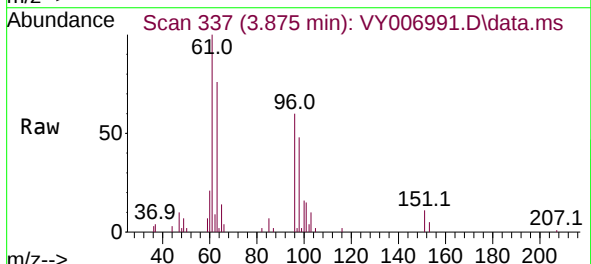
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ClientSampleId :

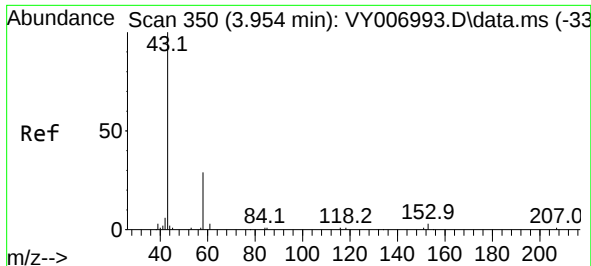
Tgt Ion:101 Resp: 6268
Ion Ratio Lower Upper
101 100
85 41.0 34.6 52.0
151 69.0 55.0 82.4



#12
1,1-Dichloroethene
Concen: 2.930 ug/L
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

Tgt Ion: 96 Resp: 6090
Ion Ratio Lower Upper
96 100
61 167.8 142.0 263.8
63 127.5 110.9 205.9

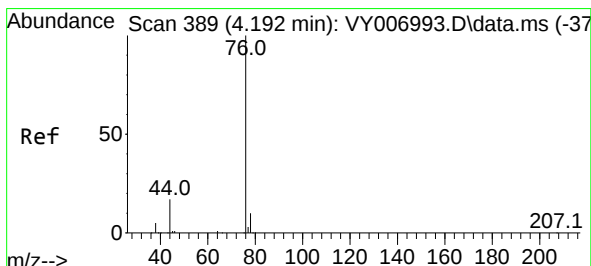
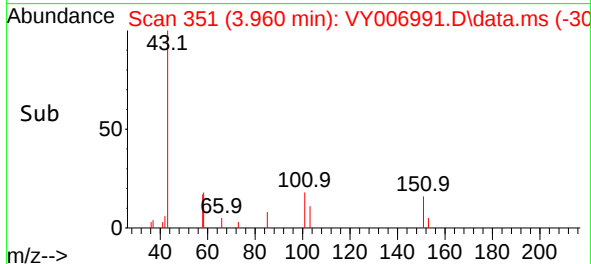
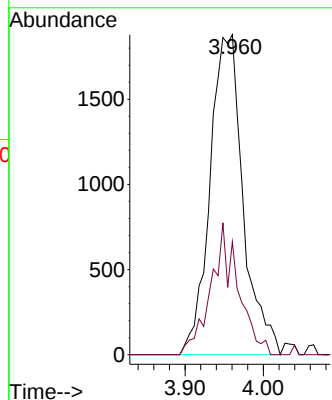
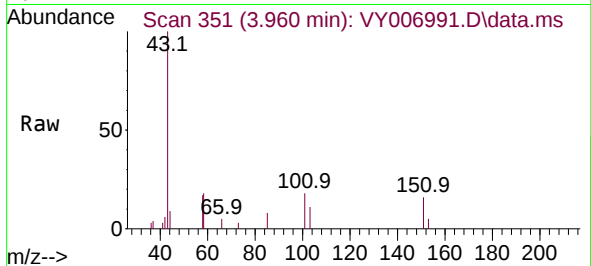




#13
Acetone
Concen: 7.439 ug/L
RT: 3.960 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

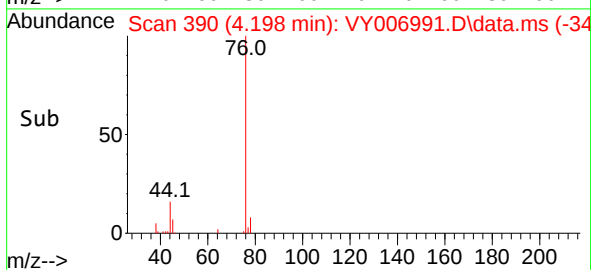
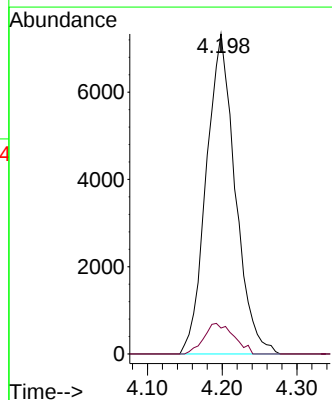
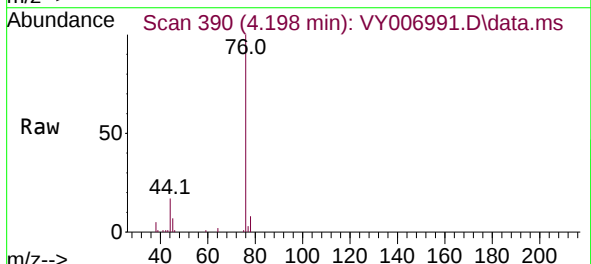
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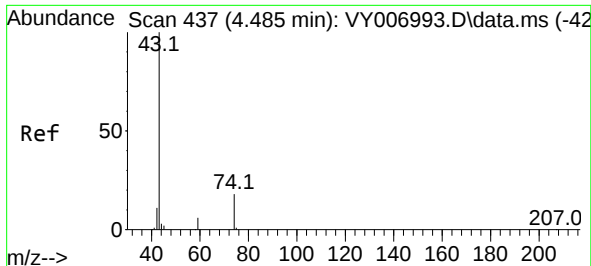
Tgt Ion: 43 Resp: 5522
Ion Ratio Lower Upper
43 100
58 20.5 0.0 56.4



#14
Carbon disulfide
Concen: 2.884 ug/L
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

Tgt Ion: 76 Resp: 19757
Ion Ratio Lower Upper
76 100
78 8.1 7.8 11.8

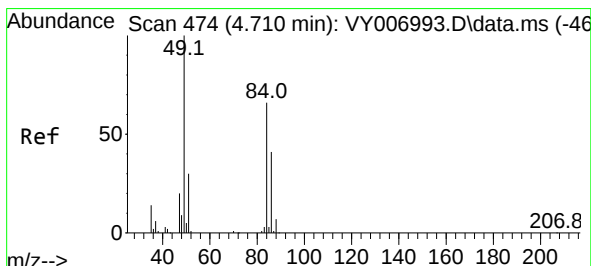
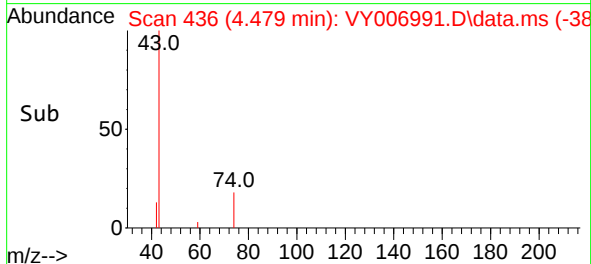
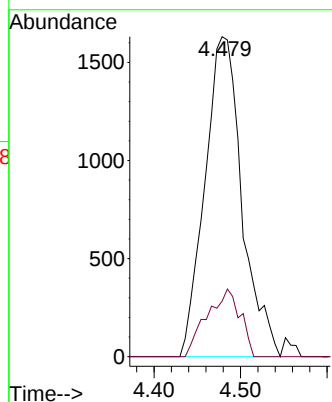
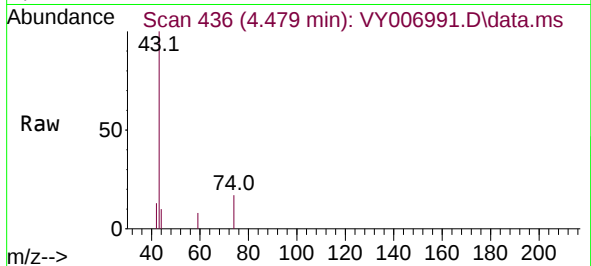




#15
Methyl Acetate
Concen: 3.013 ug/L
RT: 4.479 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

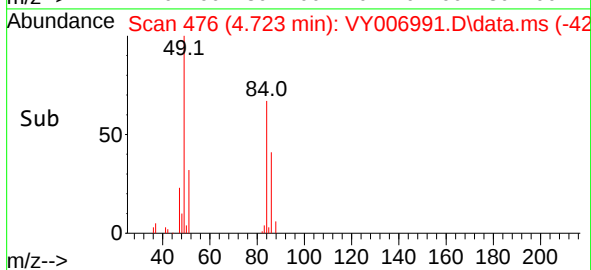
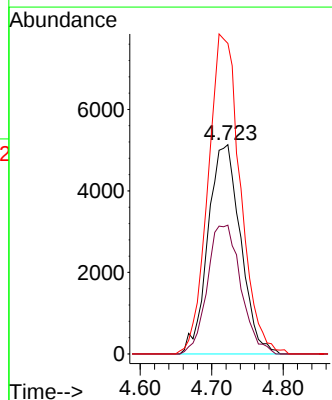
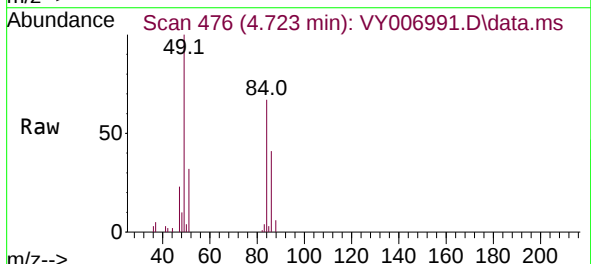
Instrument :
MSVOA_Y
ClientSampleId :

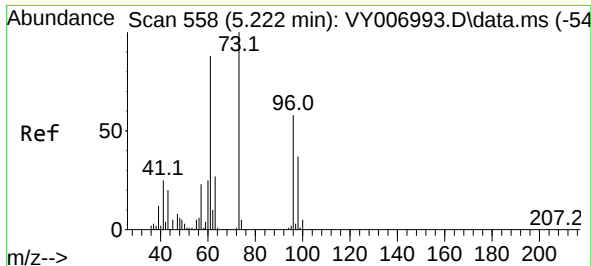
Tgt Ion: 43 Resp: 4849
Ion Ratio Lower Upper
43 100
74 19.0 5.6 8.4#



#16
Methylene chloride
Concen: 5.803 ug/L
RT: 4.723 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

Tgt Ion: 84 Resp: 16231
Ion Ratio Lower Upper
84 100
86 61.5 43.0 79.8
49 148.4 105.3 195.6





#17

trans-1,2-Dichloroethene

Concen: 2.916 ug/L

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

Instrument :

MSVOA_Y

ClientSampleId :

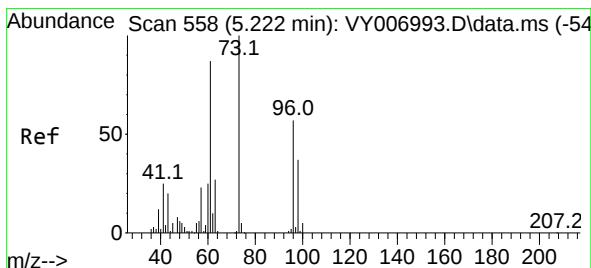
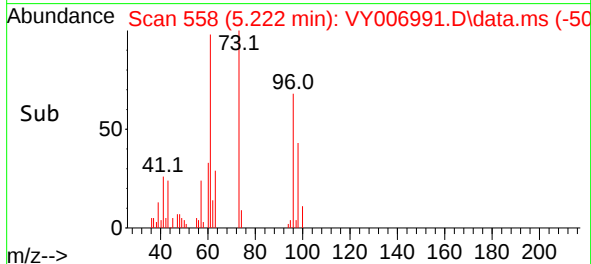
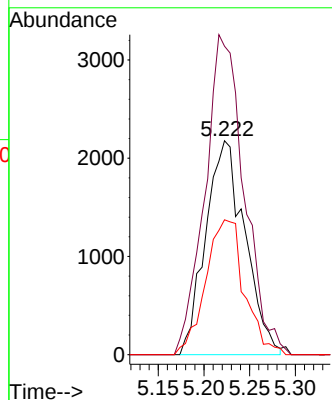
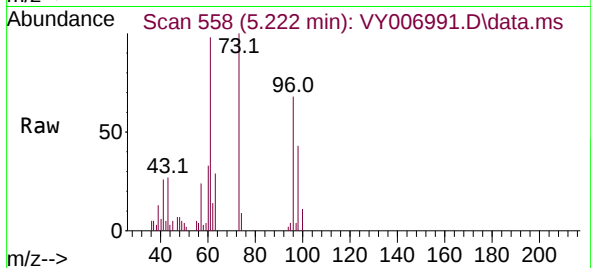
Tgt Ion: 96 Resp: 6506

Ion Ratio Lower Upper

96 100

61 144.2 106.5 197.9

98 63.0 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 2.887 ug/L

RT: 5.229 min Scan# 559

Delta R.T. 0.006 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

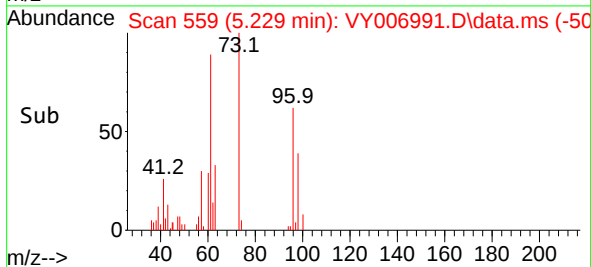
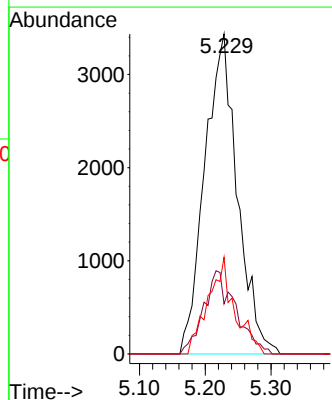
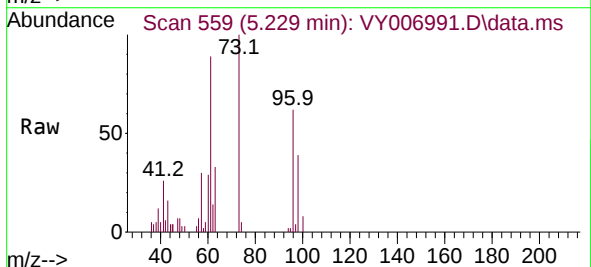
Tgt Ion: 73 Resp: 11855

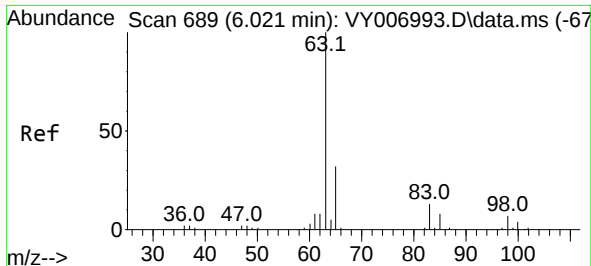
Ion Ratio Lower Upper

73 100

43 3.4 17.7 26.5#

57 21.3 19.4 29.2





#19

1,1-Dichloroethane

Concen: 3.232 ug/L

RT: 6.021 min Scan# 61

Delta R.T. -0.000 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

Instrument :

MSVOA_Y

ClientSampleId :

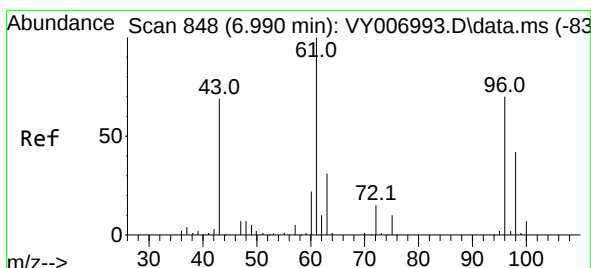
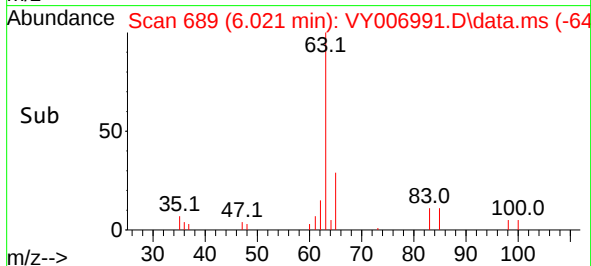
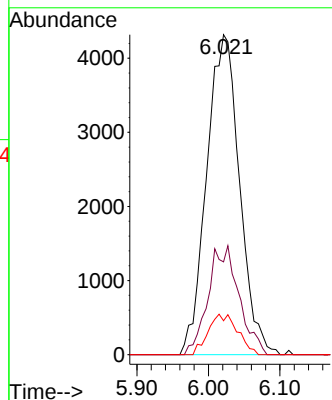
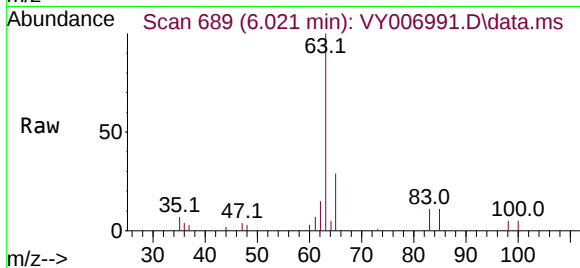
Tgt Ion: 63 Resp: 13799

Ion Ratio Lower Upper

63 100

65 29.0 22.7 42.1

83 10.6 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 2.932 ug/L

RT: 6.997 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

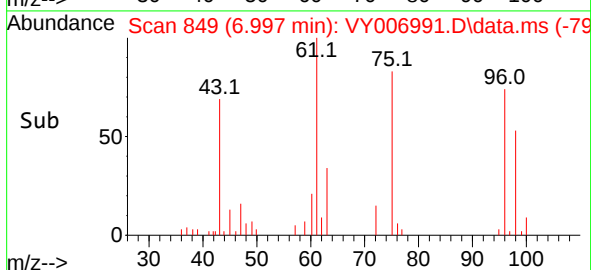
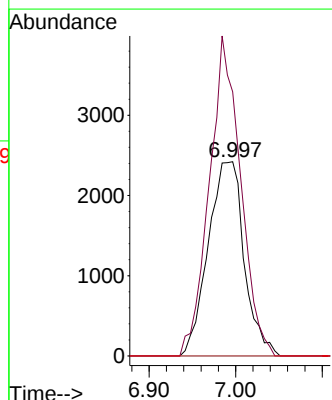
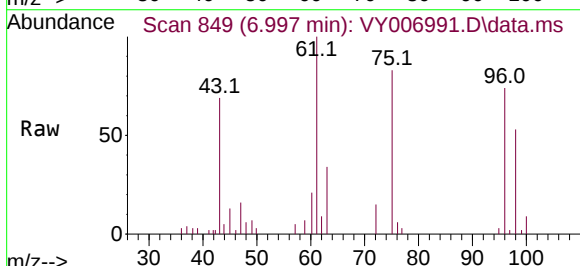
Tgt Ion: 96 Resp: 6995

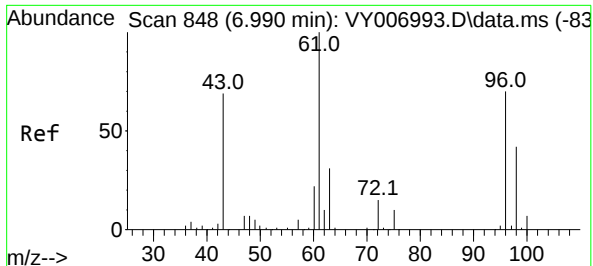
Ion Ratio Lower Upper

96 100

61 136.0 100.2 186.0

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 6.312 ug/L

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

Instrument :

MSVOA_Y

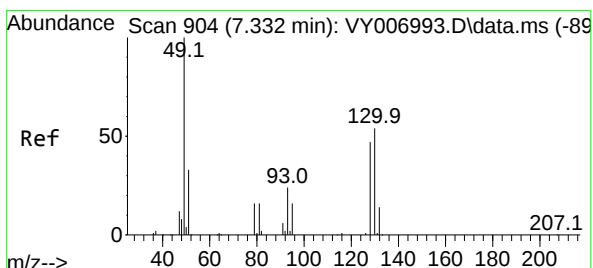
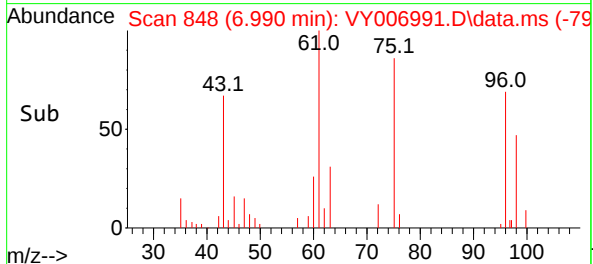
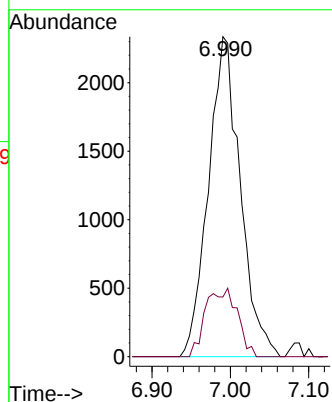
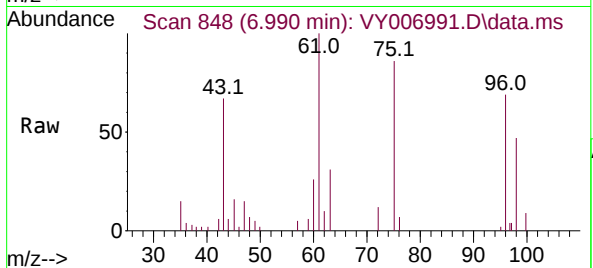
ClientSampleId :

Tgt Ion: 43 Resp: 6602

Ion Ratio Lower Upper

43 100

72 8.7 11.4 34.2#



#23

Bromochloromethane

Concen: 2.862 ug/L

RT: 7.344 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

Tgt Ion: 128 Resp: 3102

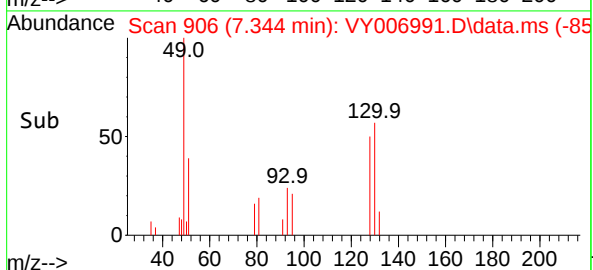
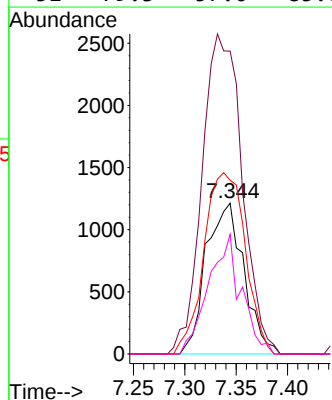
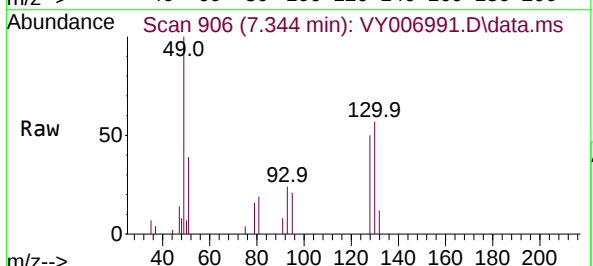
Ion Ratio Lower Upper

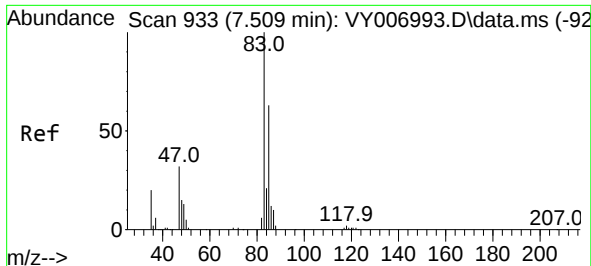
128 100

49 200.9 150.1 278.7

130 115.3 81.1 150.5

51 79.3 57.0 85.6

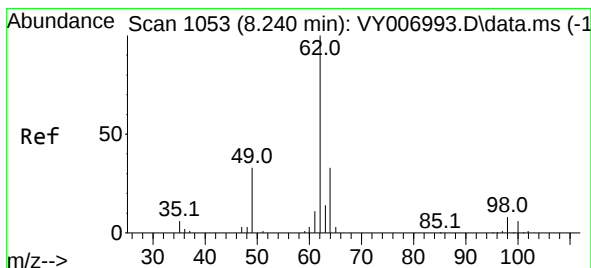
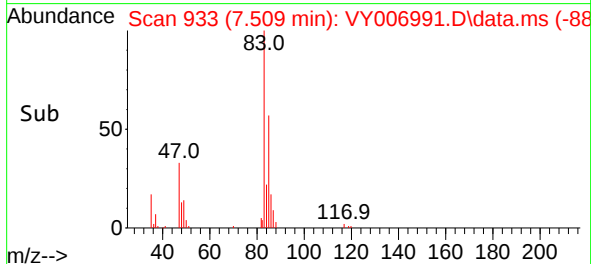
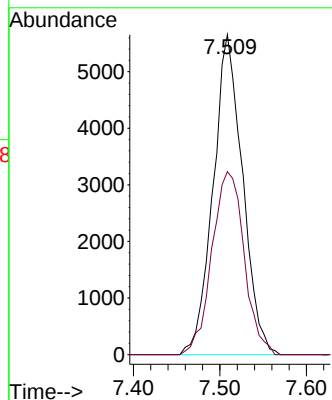
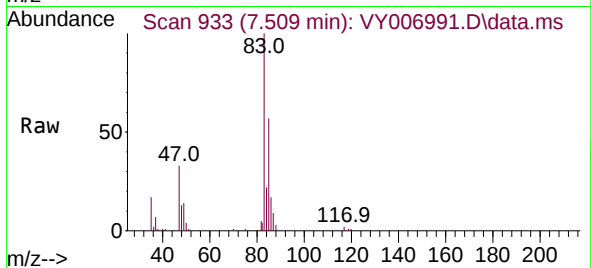




#25
Chloroform
Concen: 3.138 ug/L
RT: 7.509 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

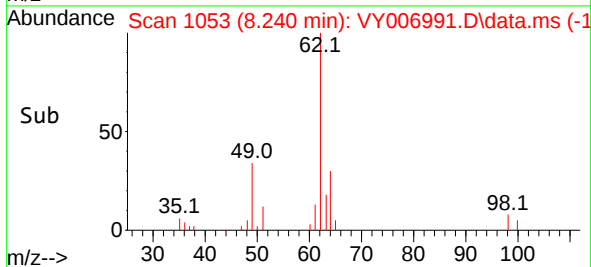
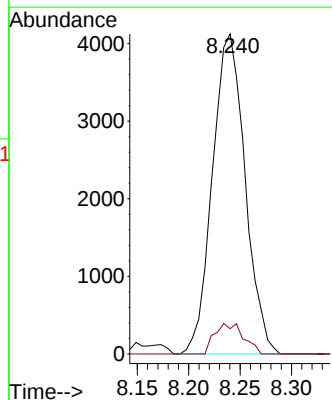
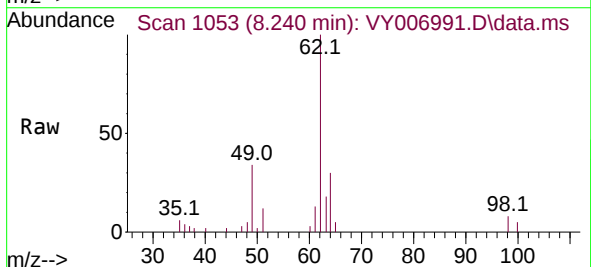
Instrument :
MSVOA_Y
ClientSampleId :

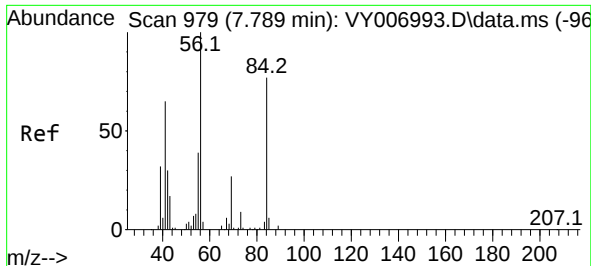
Tgt Ion: 83 Resp: 13336
Ion Ratio Lower Upper
83 100
85 57.2 43.9 81.5



#27
1,2-Dichloroethane
Concen: 2.950 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

Tgt Ion: 62 Resp: 9105
Ion Ratio Lower Upper
62 100
98 7.9 6.6 9.8





#29

Cyclohexane

Concen: 2.792 ug/L

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

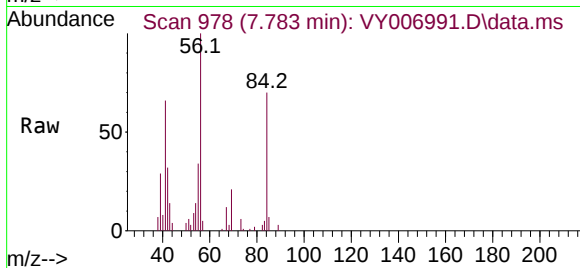
Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

Instrument :

MSVOA_Y

ClientSampleId :



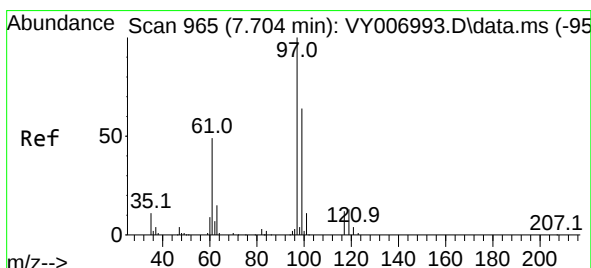
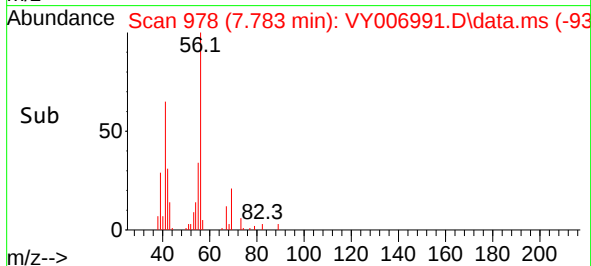
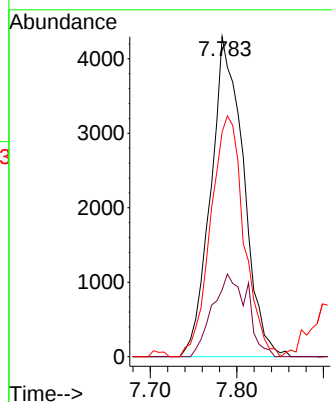
Tgt Ion: 56 Resp: 11237

Ion Ratio Lower Upper

56 100

69 22.2 22.0 33.0

84 76.8 61.7 92.5



#30

1,1,1-Trichloroethane

Concen: 3.010 ug/L

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

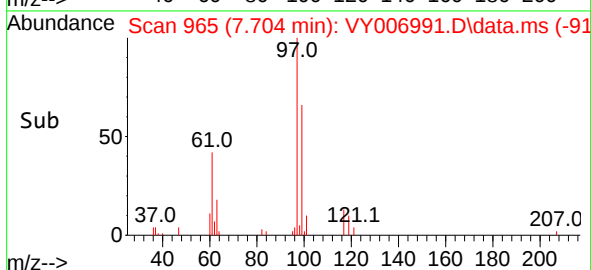
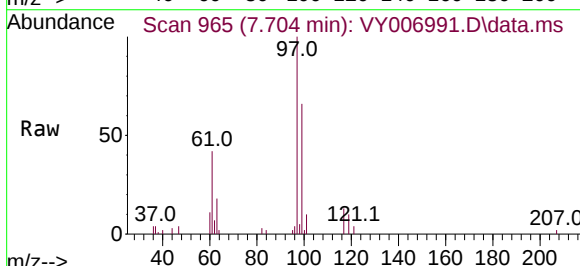
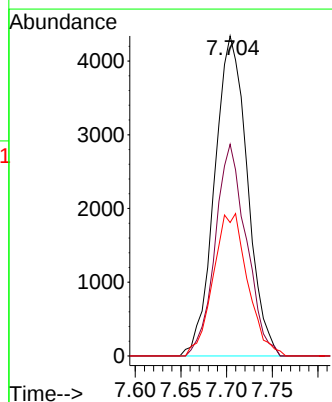
Tgt Ion: 97 Resp: 10833

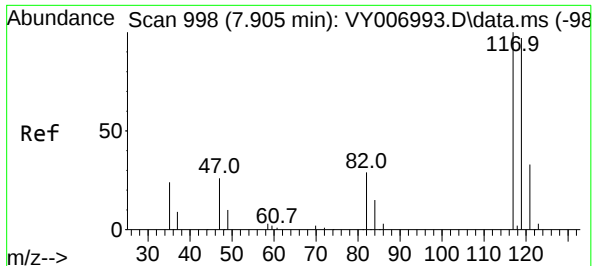
Ion Ratio Lower Upper

97 100

99 62.8 50.7 76.1

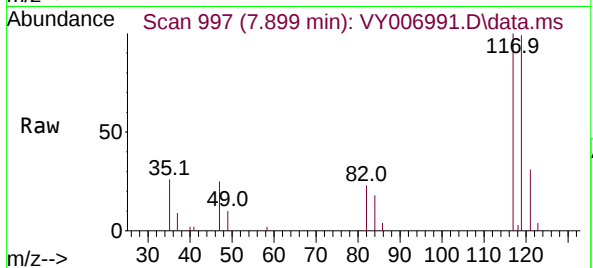
61 46.9 38.5 57.7



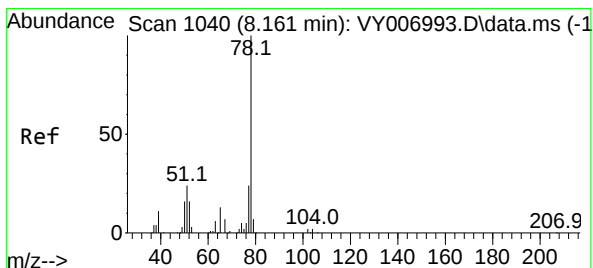
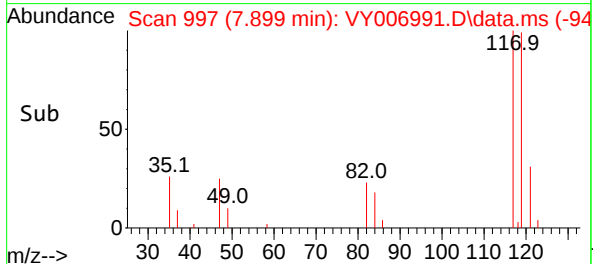
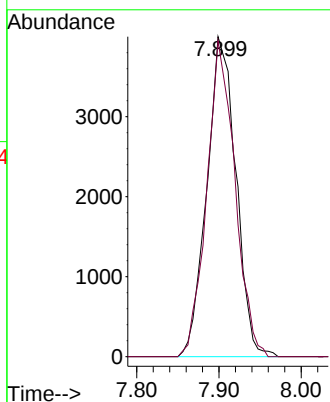


#31
Carbon tetrachloride
Concen: 2.904 ug/L
RT: 7.899 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

Instrument :
MSVOA_Y
ClientSampleId :

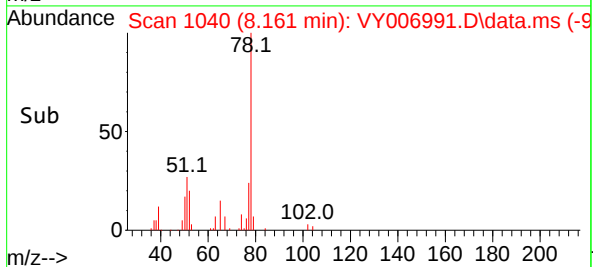
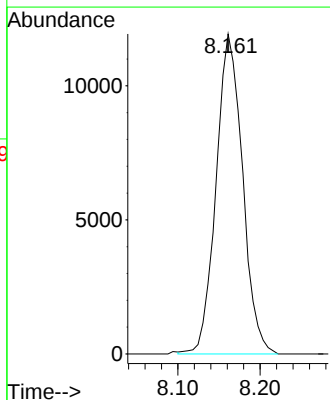
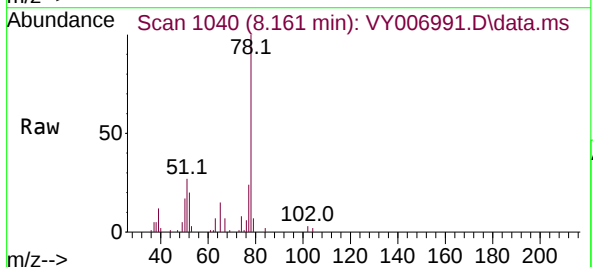


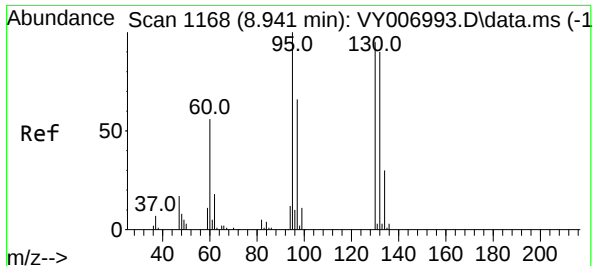
Tgt Ion:117 Resp: 9843
Ion Ratio Lower Upper
117 100
119 95.6 76.4 114.6



#33
Benzene
Concen: 2.779 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

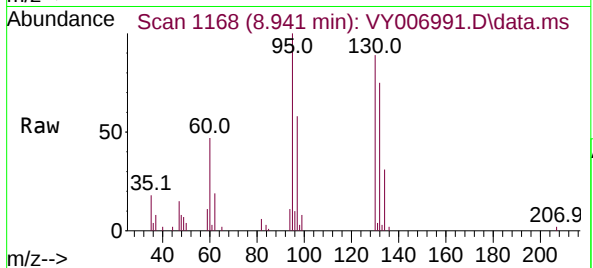
Tgt Ion: 78 Resp: 26710



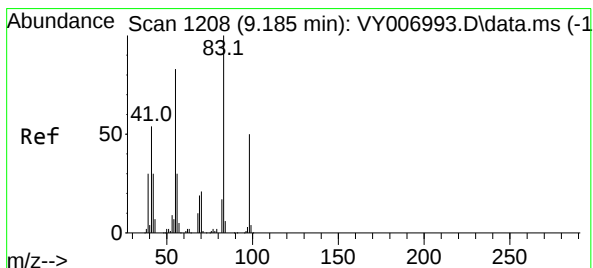
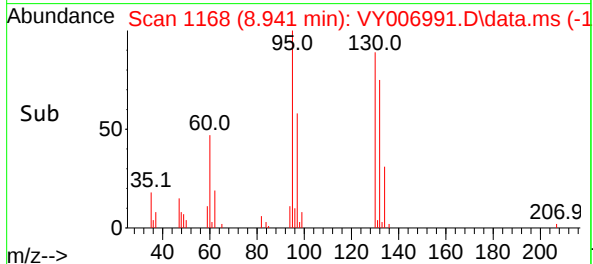
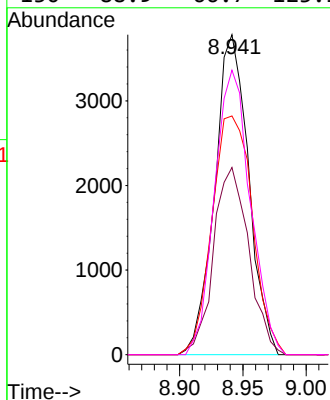


#34
Trichloroethene
Concen: 3.000 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

Instrument :
MSVOA_Y
ClientSampleId :

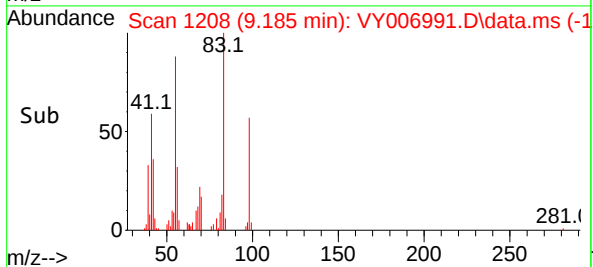
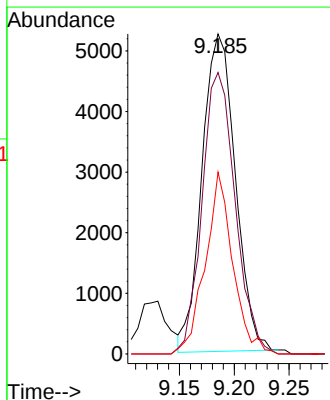
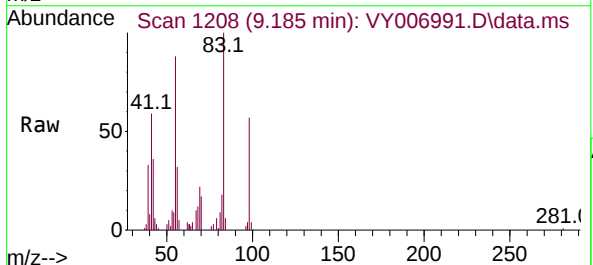


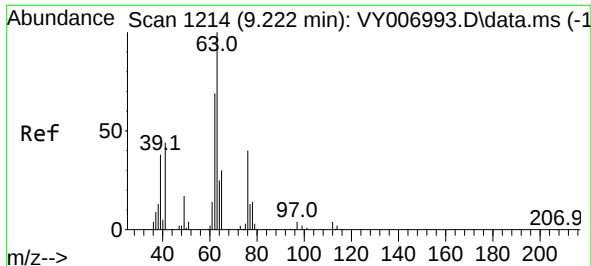
Tgt Ion:	95	Resp:	7047
Ion	Ratio	Lower	Upper
95	100		
97	58.5	46.4	86.2
132	74.6	63.0	117.0
130	88.9	66.7	123.9



#35
Methylcyclohexane
Concen: 2.641 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

Tgt Ion:	83	Resp:	11071
Ion	Ratio	Lower	Upper
83	100		
55	88.4	68.9	103.3
98	47.4	37.8	56.8





#37

1,2-Dichloropropane

Concen: 3.006 ug/L

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

Instrument :

MSVOA_Y

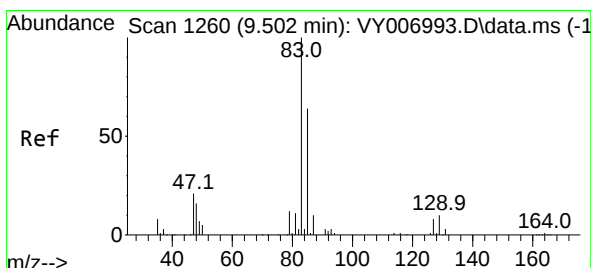
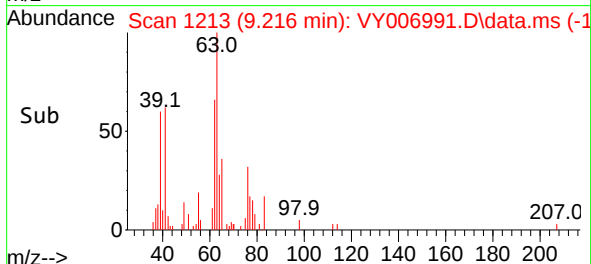
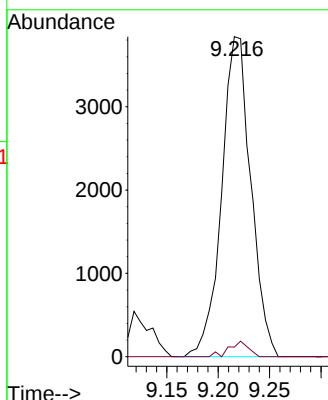
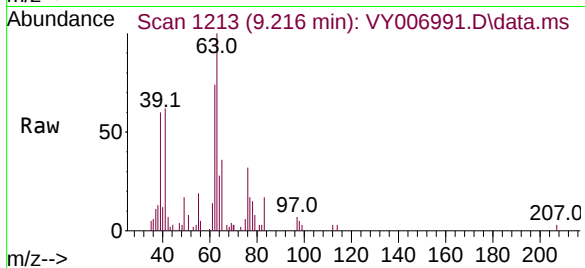
ClientSampleId :

Tgt Ion: 63 Resp: 7591

Ion Ratio Lower Upper

63 100

112 2.9 2.8 4.2



#38

Bromodichloromethane

Concen: 2.959 ug/L

RT: 9.496 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

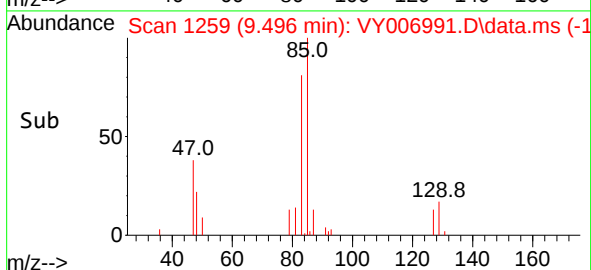
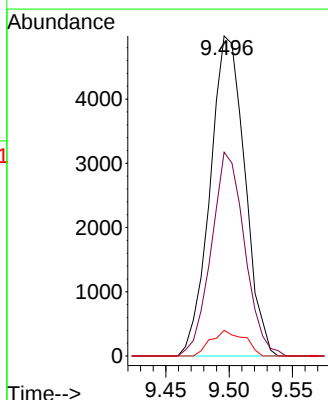
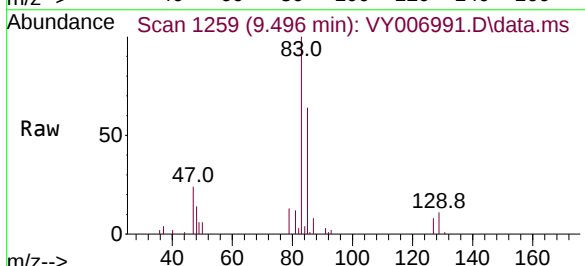
Tgt Ion: 83 Resp: 9511

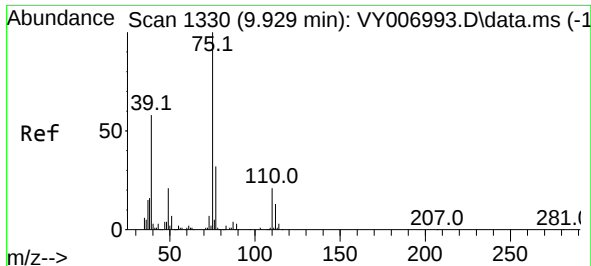
Ion Ratio Lower Upper

83 100

85 63.7 44.7 82.9

127 8.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 2.829 ug/L

RT: 9.929 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

Instrument :

MSVOA_Y

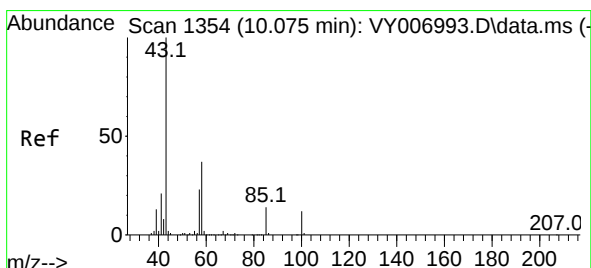
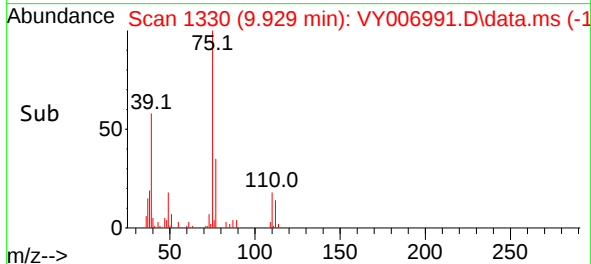
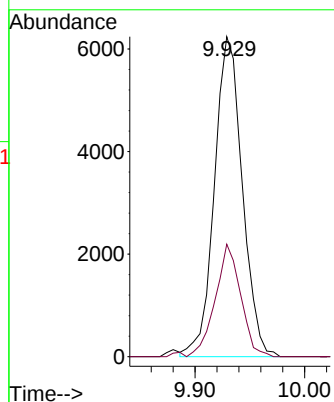
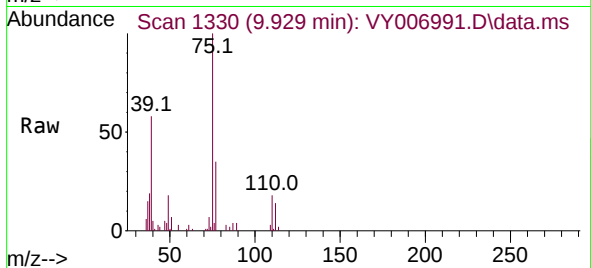
ClientSampleId :

Tgt Ion: 75 Resp: 11036

Ion Ratio Lower Upper

75 100

77 35.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 5.437 ug/L

RT: 10.069 min Scan# 1353

Delta R.T. -0.006 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

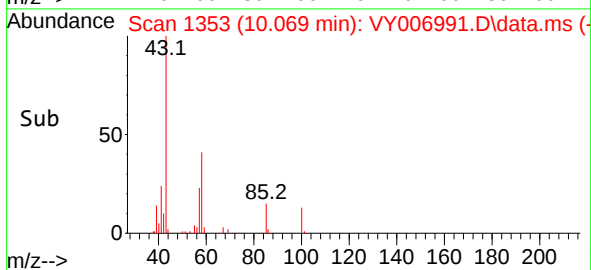
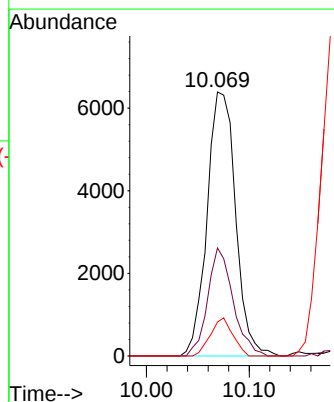
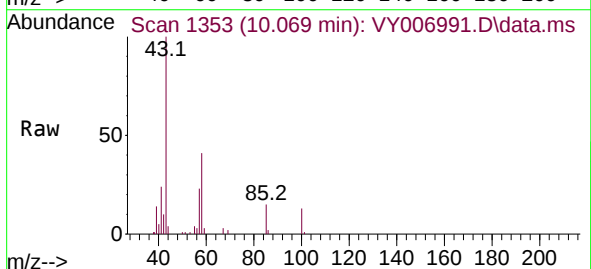
Tgt Ion: 43 Resp: 12313

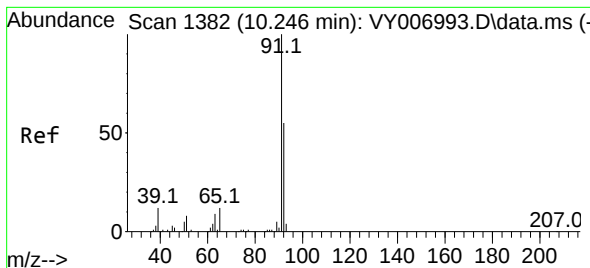
Ion Ratio Lower Upper

43 100

58 36.5 28.6 42.8

100 11.3 9.2 13.8





#42

Toluene

Concen: 2.797 ug/L

RT: 10.246 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

Instrument :

MSVOA_Y

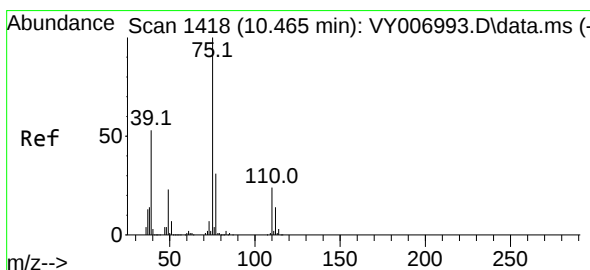
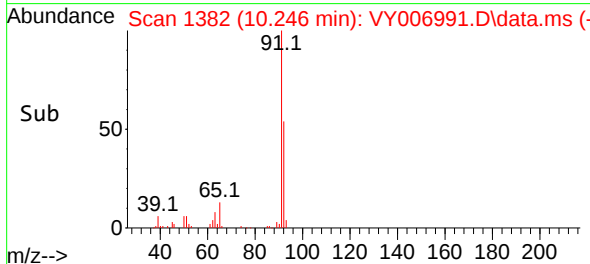
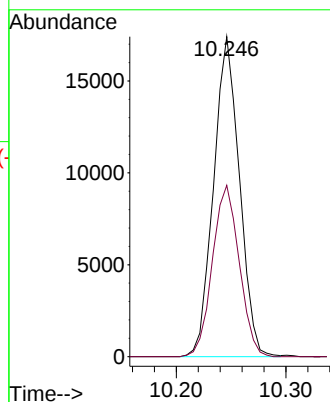
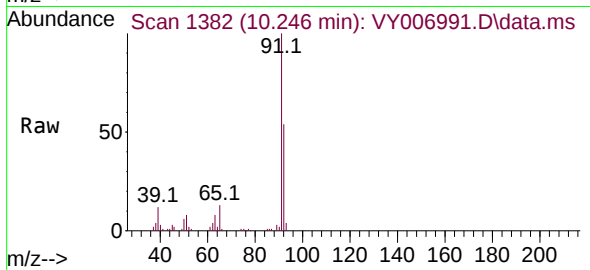
ClientSampleId :

Tgt Ion: 91 Resp: 28537

Ion Ratio Lower Upper

91 100

92 53.6 38.2 71.0



#44

trans-1,3-Dichloropropene

Concen: 2.780 ug/L

RT: 10.472 min Scan# 1419

Delta R.T. 0.006 min

Lab File: VY006991.D

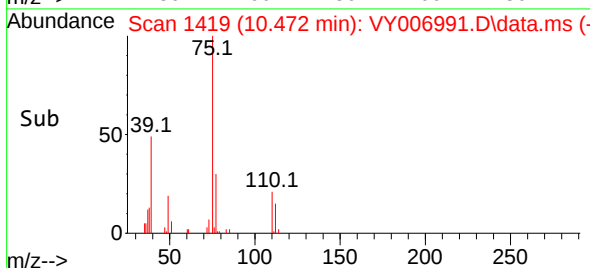
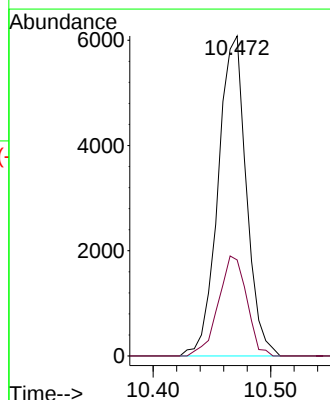
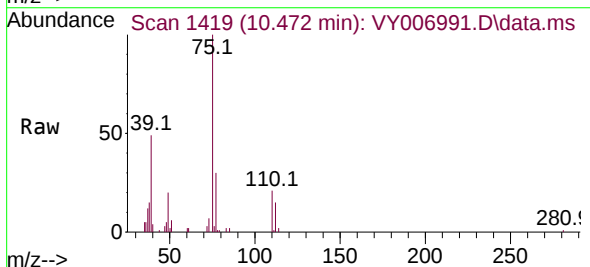
Acq: 07 Dec 2021 12:01

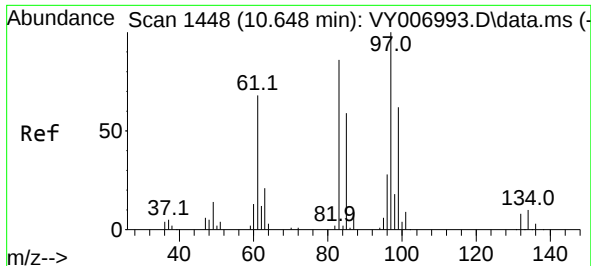
Tgt Ion: 75 Resp: 10159

Ion Ratio Lower Upper

75 100

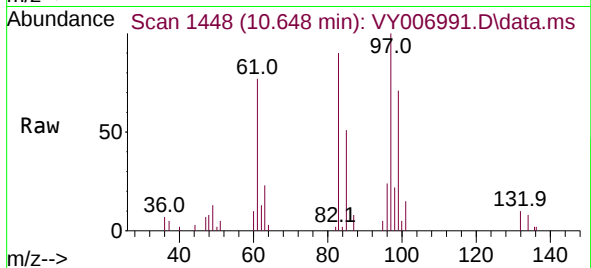
77 30.0 21.8 40.6



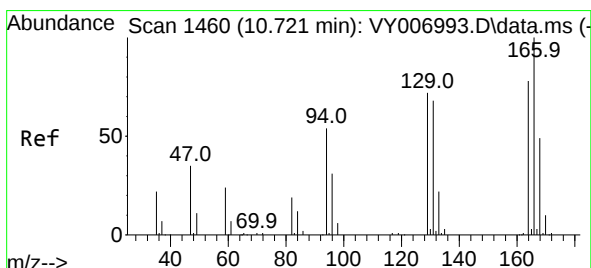
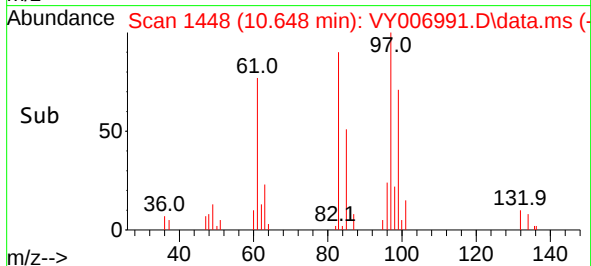
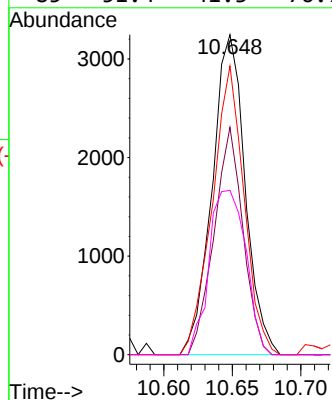


#45
1,1,2-Trichloroethane
Concen: 2.959 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

Instrument :
MSVOA_Y
ClientSampleId :

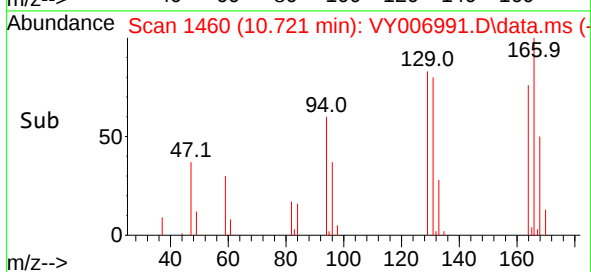
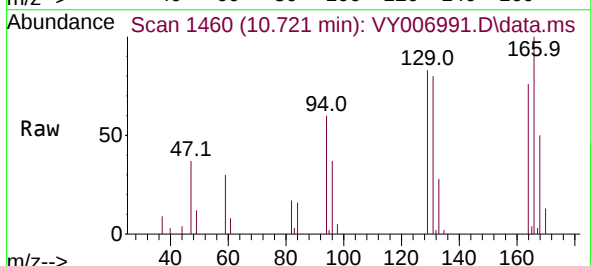
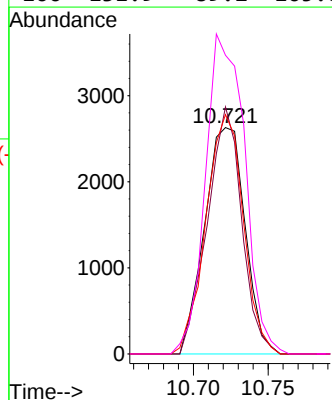


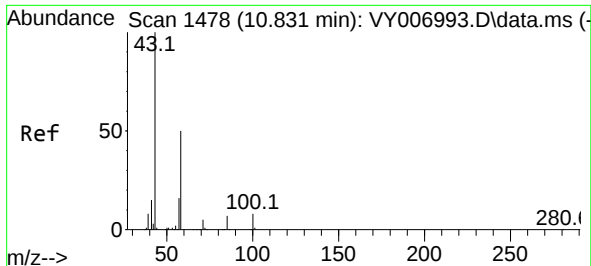
Tgt Ion: 97	Resp: 5447
Ion Ratio	Lower Upper
97 100	
99 71.0	43.4 80.6
83 90.2	59.8 111.1
85 51.4	41.3 76.7



#46
Tetrachloroethene
Concen: 2.583 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

Tgt	Ion:164	Resp:	4947
Ion	Ratio	Lower	Upper
164	100		
129	109.1	64.0	118.8
131	105.7	60.5	112.5
166	131.9	89.2	165.8

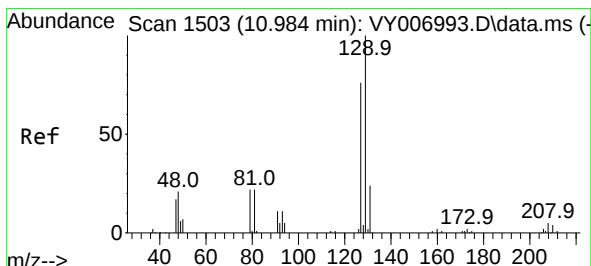
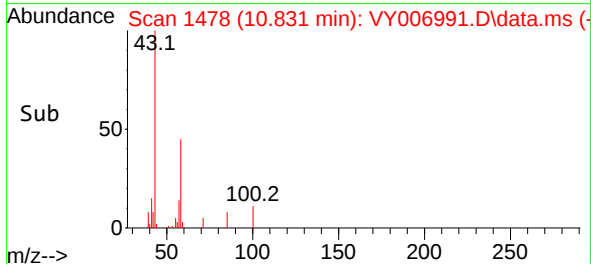
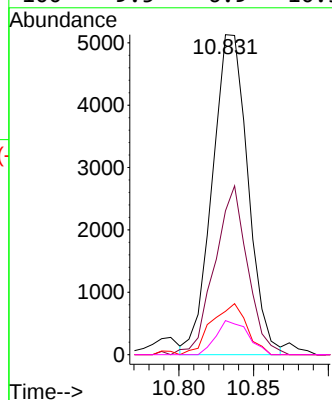
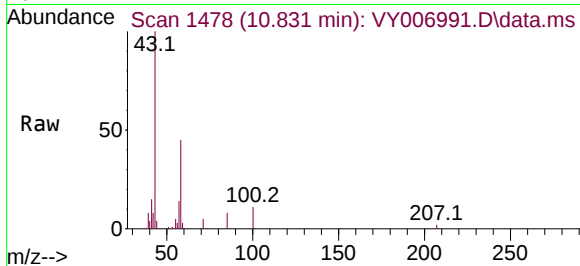




#48
2-Hexanone
Concen: 5.609 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

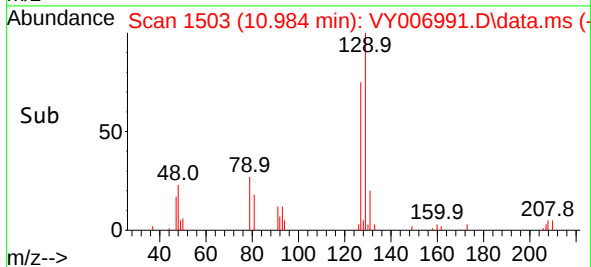
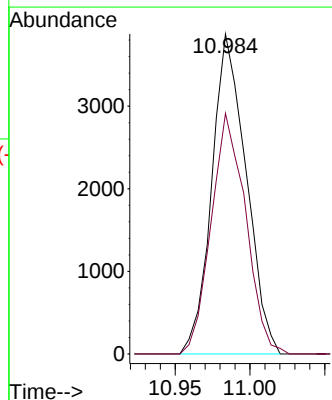
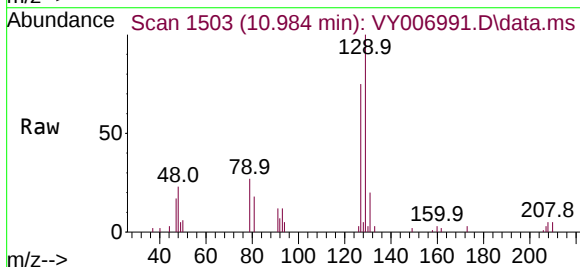
Instrument :
MSVOA_Y
ClientSampleId :

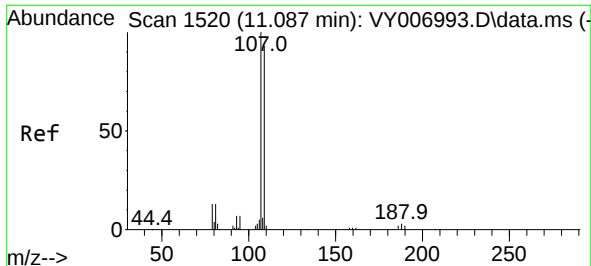
Tgt Ion: 43	Resp: 8515
Ion Ratio	Lower Upper
43 100	
58 48.6	40.1 60.1
57 15.9	13.0 19.6
100 9.5	6.9 10.3



#49
Dibromochloromethane
Concen: 2.796 ug/L
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

Tgt Ion:129	Resp: 6168		
Ion Ratio	Lower	Upper	
129 100			
127 75.2	52.8	98.2	





#50

1,2-Dibromoethane

Concen: 2.985 ug/L

RT: 11.093 min Scan# 1520

Delta R.T. 0.006 min

Lab File: VY006991.D

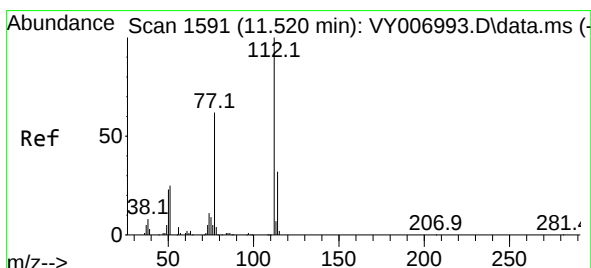
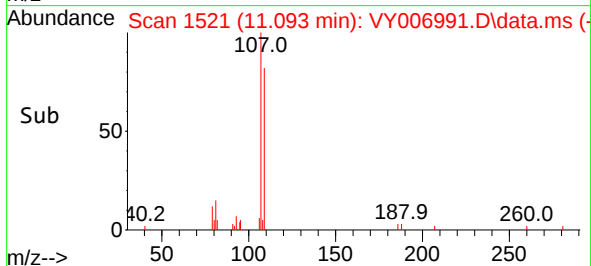
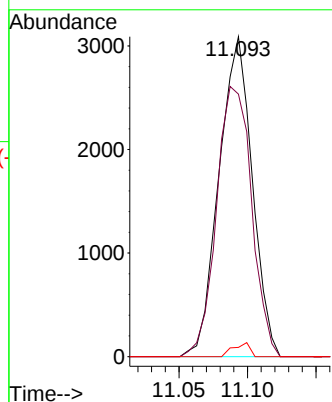
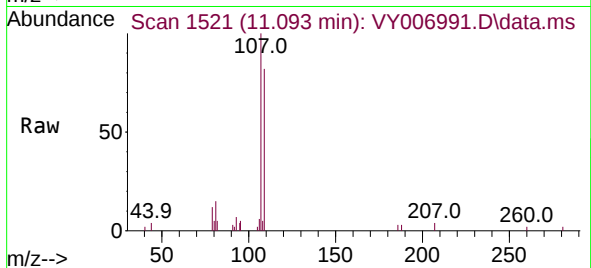
Acq: 07 Dec 2021 12:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:107	Resp:	5213
Ion	Ratio	Lower Upper
107	100	
109	82.1	65.5 121.7
188	2.9	2.6 3.8



#51

Chlorobenzene

Concen: 2.861 ug/L

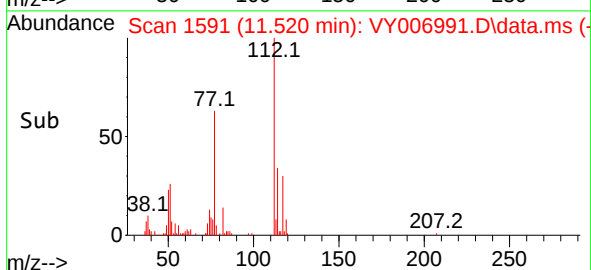
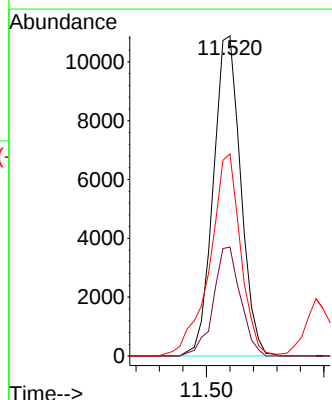
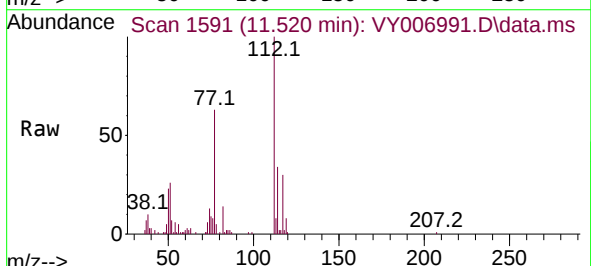
RT: 11.520 min Scan# 1591

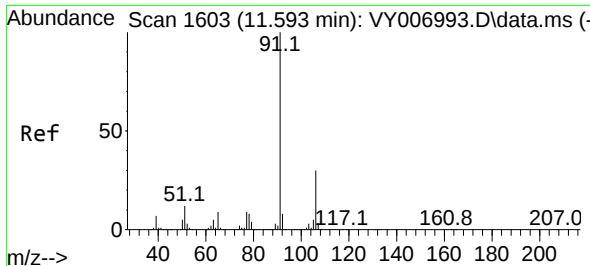
Delta R.T. -0.000 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

Tgt Ion:112	Resp:	17647
Ion	Ratio	Lower Upper
112	100	
114	34.1	22.3 41.3
77	63.1	49.8 74.8

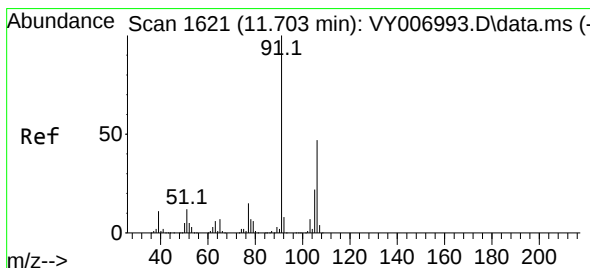
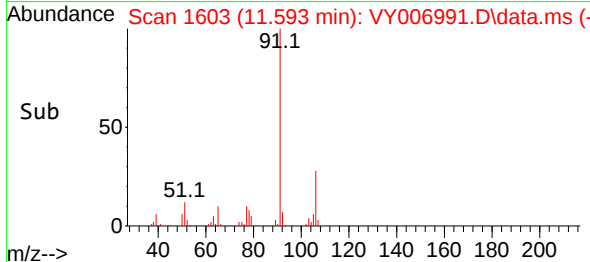
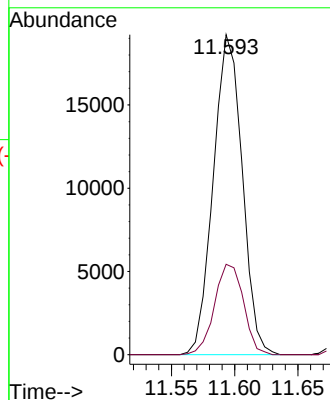
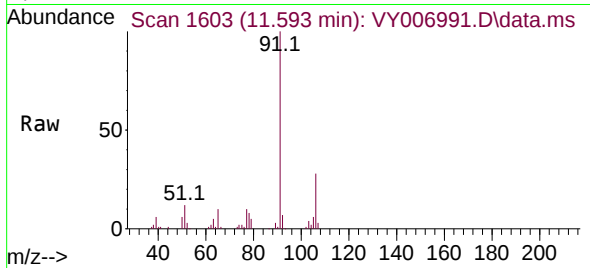




#52
Ethylbenzene
Concen: 2.791 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

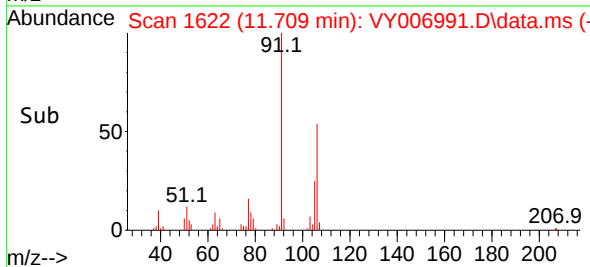
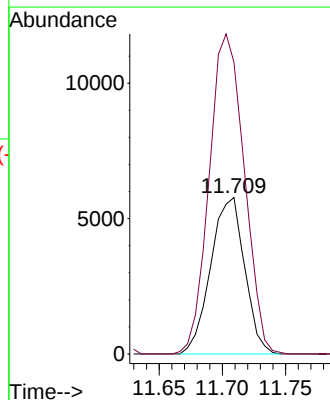
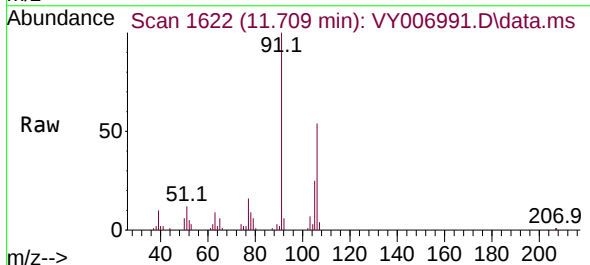
Instrument :
MSVOA_Y
ClientSampleId :

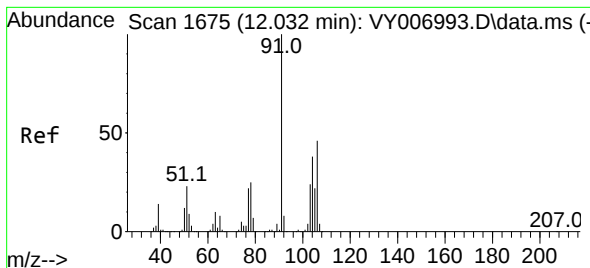
Tgt Ion: 91 Resp: 30524
Ion Ratio Lower Upper
91 100
106 28.3 21.3 39.6



#53
m,p-Xylene
Concen: 2.603 ug/L
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

Tgt Ion:106 Resp: 10762
Ion Ratio Lower Upper
106 100
91 186.4 148.8 276.4





#54

o-Xylene

Concen: 2.631 ug/L

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

Instrument :

MSVOA_Y

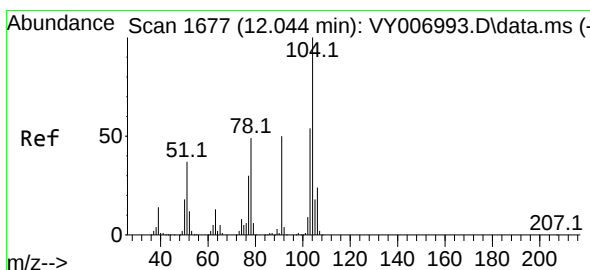
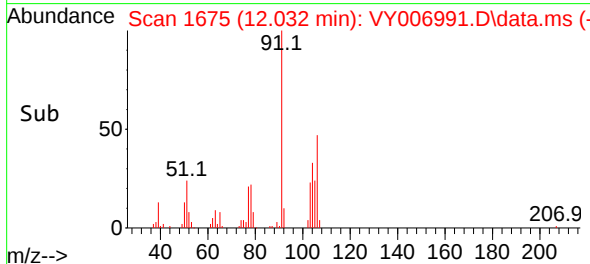
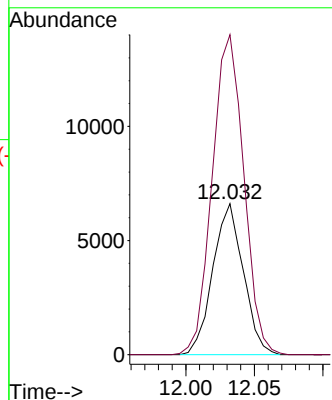
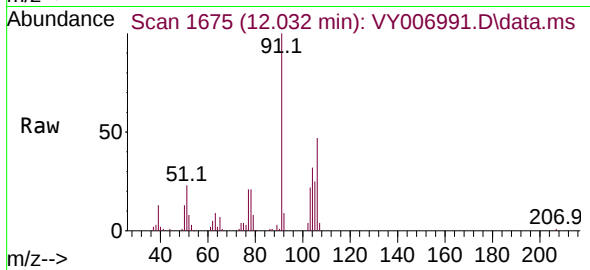
ClientSampleId :

Tgt Ion:106 Resp: 10236

Ion Ratio Lower Upper

106 100

91 211.9 152.0 282.2



#55

Styrene

Concen: 2.529 ug/L

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY006991.D

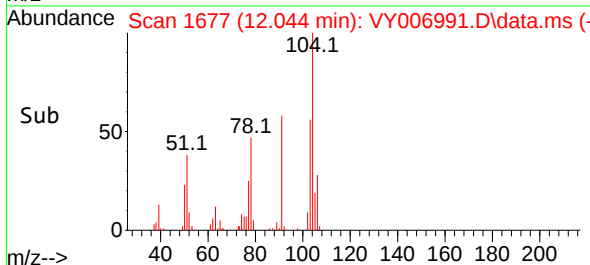
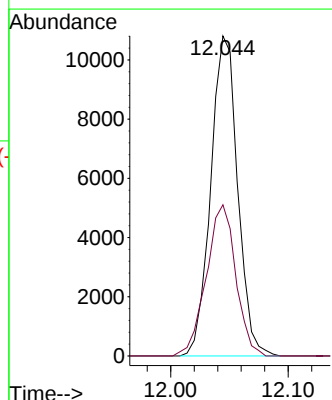
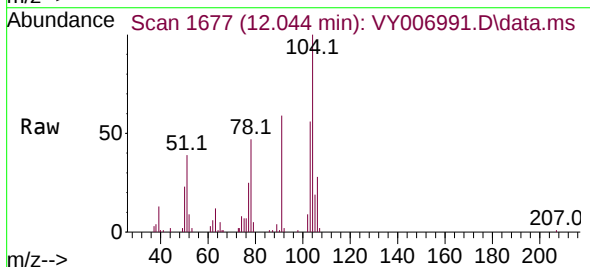
Acq: 07 Dec 2021 12:01

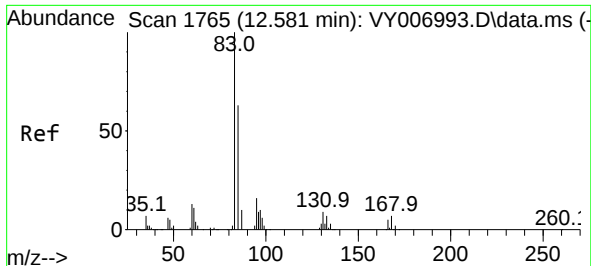
Tgt Ion:104 Resp: 17196

Ion Ratio Lower Upper

104 100

78 47.3 34.2 63.6





#57

1,1,2-Tetrachloroethane

Concen: 3.109 ug/L

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

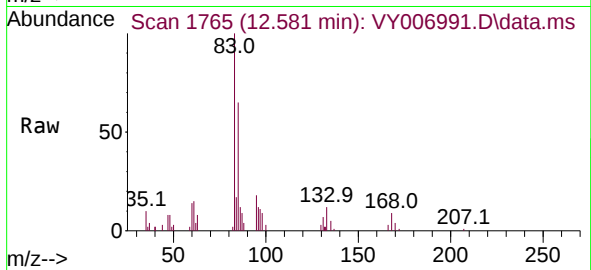
Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

Instrument :

MSVOA_Y

ClientSampleId :



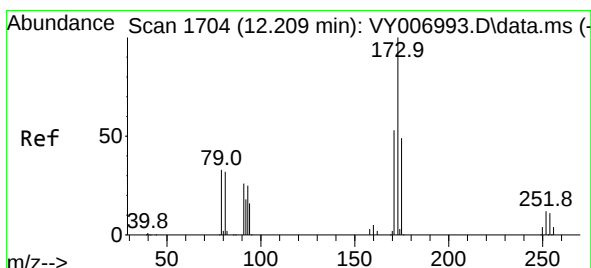
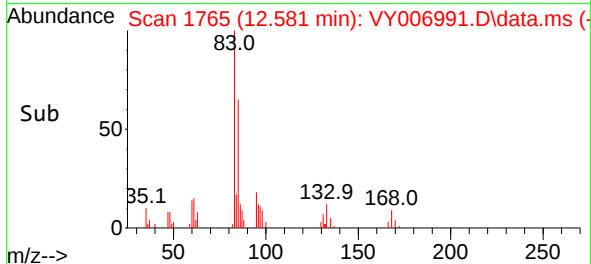
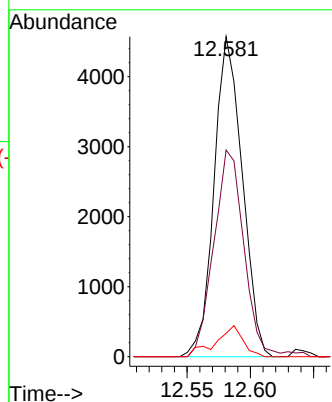
Tgt Ion: 83 Resp: 7082

Ion Ratio Lower Upper

83 100

85 64.6 44.2 82.2

131 9.5 7.4 11.0



#59

Bromoform

Concen: 2.303 ug/L

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

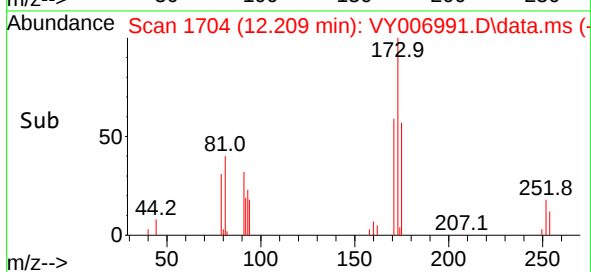
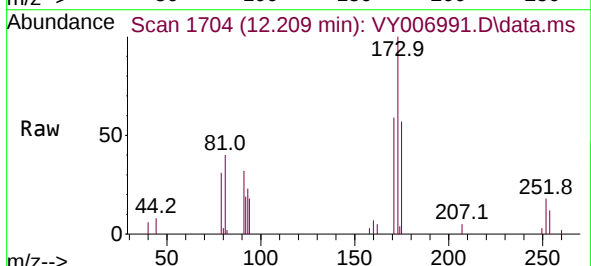
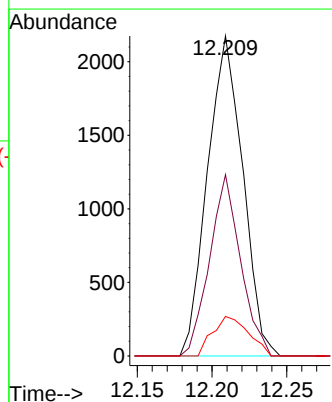
Tgt Ion: 173 Resp: 3568

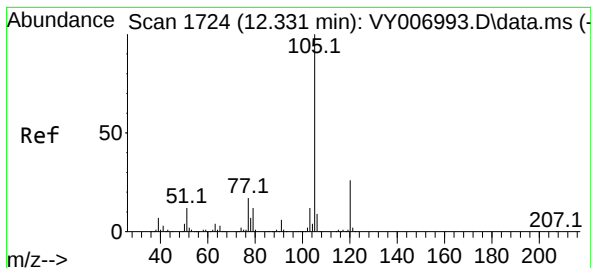
Ion Ratio Lower Upper

173 100

175 49.8 39.2 58.8

254 12.5 9.3 13.9





#60

Isopropylbenzene

Concen: 2.431 ug/L

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY006991.D

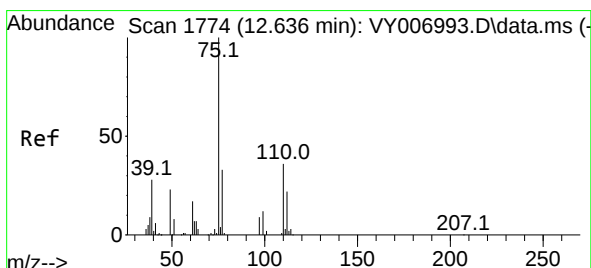
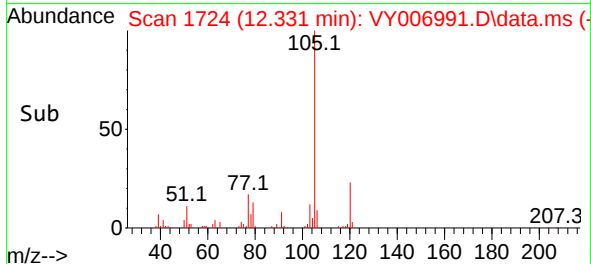
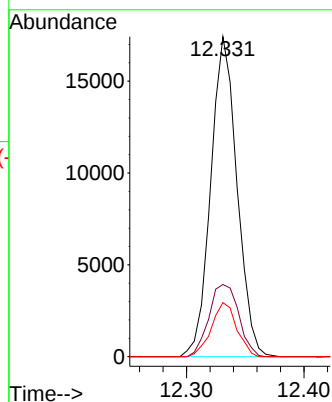
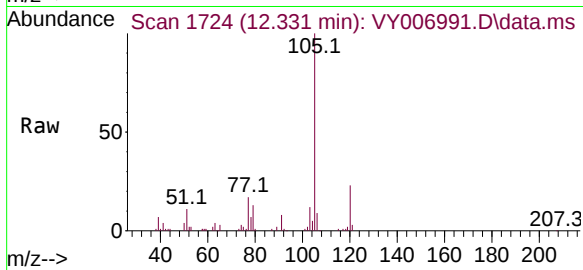
Acq: 07 Dec 2021 12:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	105	Resp:	27108
Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.7	31.1
77	16.4	13.5	20.3



#61

1,2,3-Trichloropropane

Concen: 2.787 ug/L

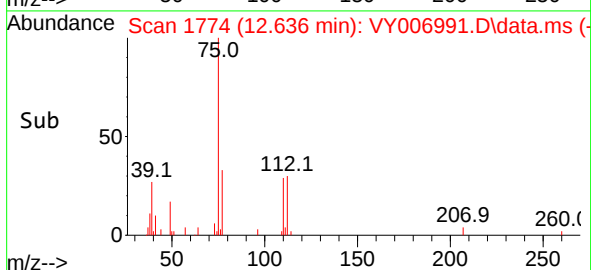
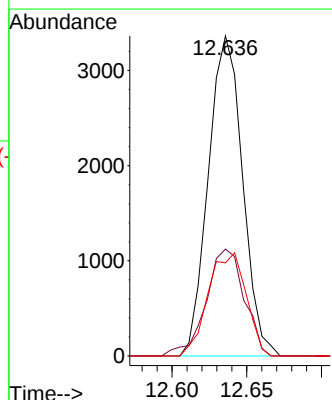
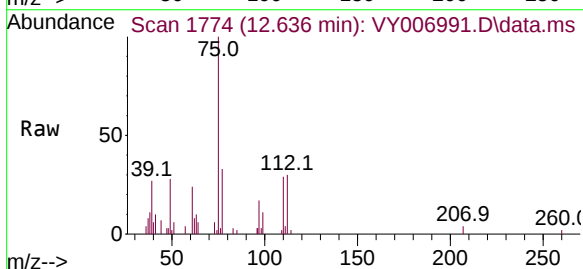
RT: 12.636 min Scan# 1774

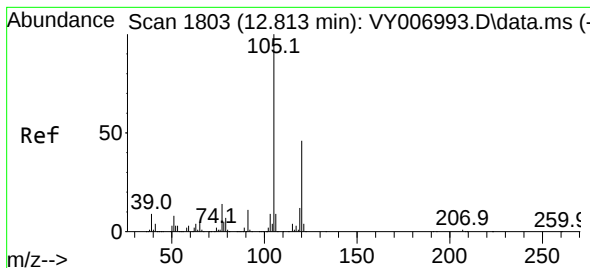
Delta R.T. -0.000 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

Tgt Ion:	75	Resp:	5359
Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.3	37.9
110	35.8	28.7	43.1

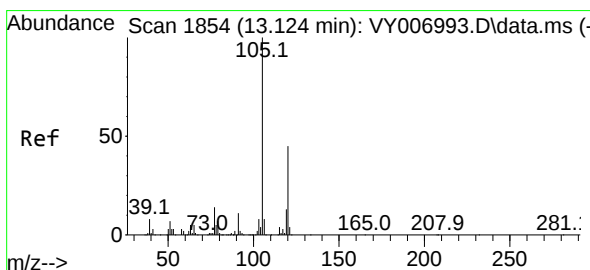
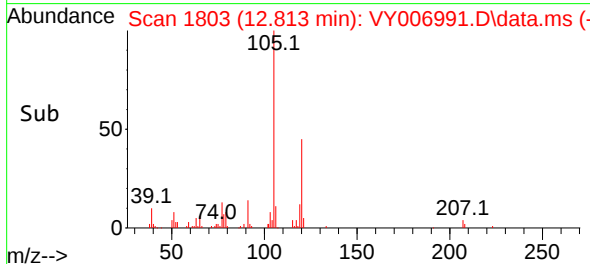
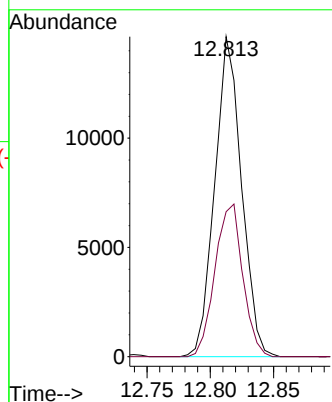
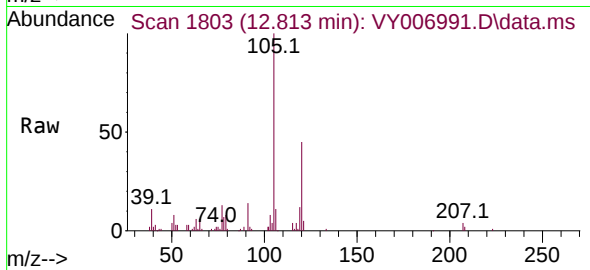




#62
 1,3,5-Trimethylbenzene
 Concen: 2.354 ug/L
 RT: 12.813 min Scan# 1803
 Delta R.T. -0.000 min
 Lab File: VY006991.D
 Acq: 07 Dec 2021 12:01

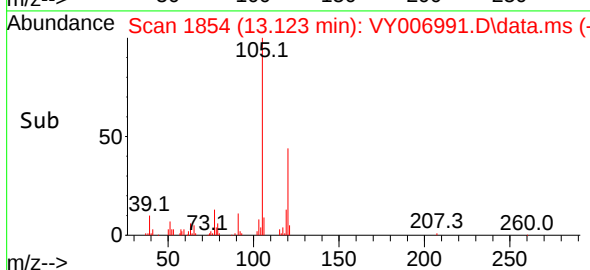
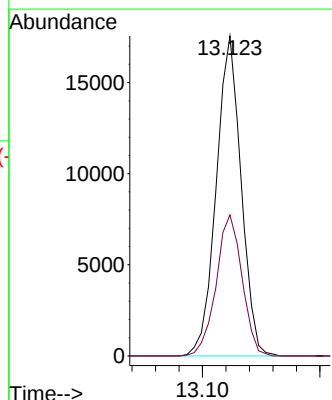
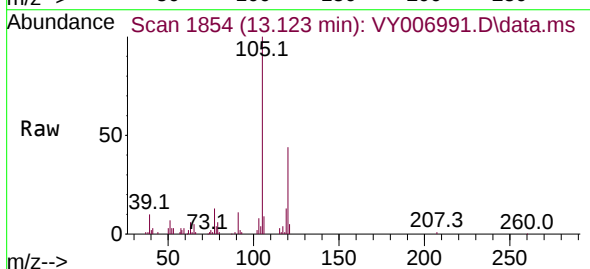
Instrument :
 MSVOA_Y
 ClientSampleId :

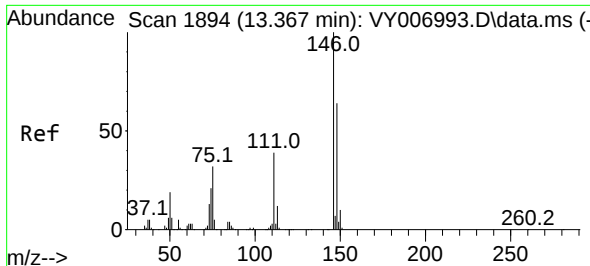
Tgt Ion:105 Resp: 21541
 Ion Ratio Lower Upper
 105 100
 120 49.5 37.4 56.0



#63
 1,2,4-Trimethylbenzene
 Concen: 2.803 ug/L
 RT: 13.123 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: VY006991.D
 Acq: 07 Dec 2021 12:01

Tgt Ion:105 Resp: 25805
 Ion Ratio Lower Upper
 105 100
 120 45.8 35.4 53.2

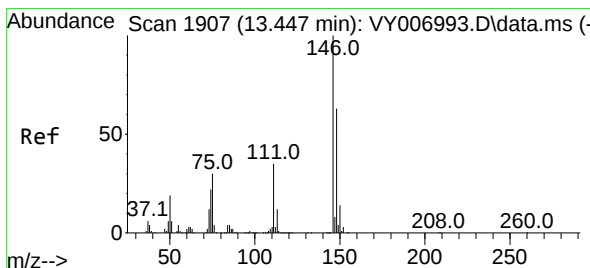
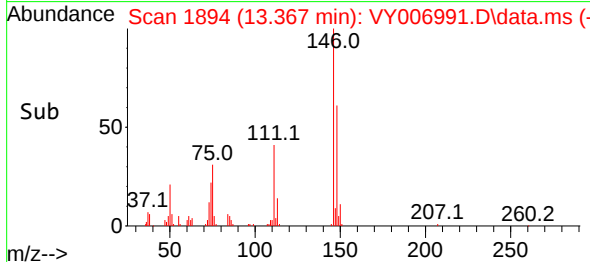
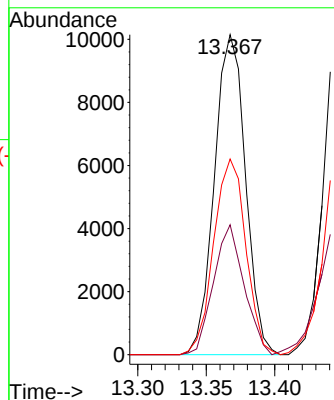
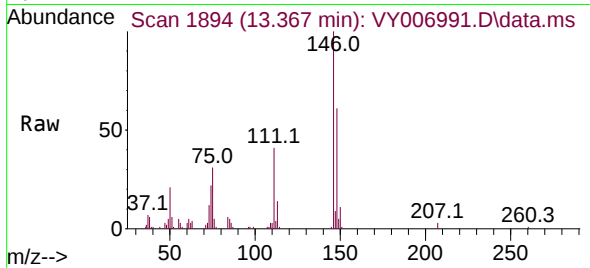




#64
1,3-Dichlorobenzene
Concen: 3.070 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

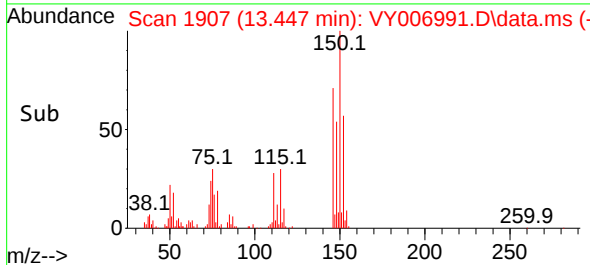
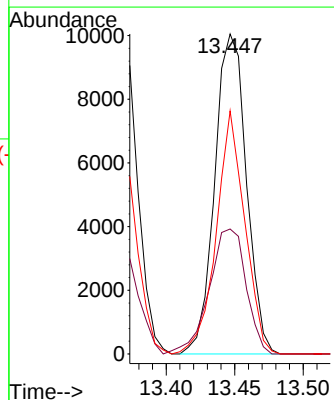
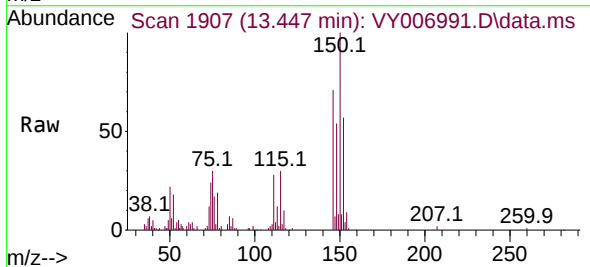
Instrument :
MSVOA_Y
ClientSampleId :

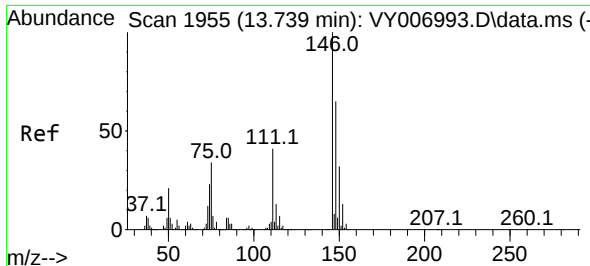
Tgt Ion:146 Resp: 16010
Ion Ratio Lower Upper
146 100
111 40.6 27.2 50.6
148 61.1 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 3.041 ug/L
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006991.D
Acq: 07 Dec 2021 12:01

Tgt Ion:146 Resp: 16157
Ion Ratio Lower Upper
146 100
111 39.1 24.6 45.6
148 75.9 44.4 82.4

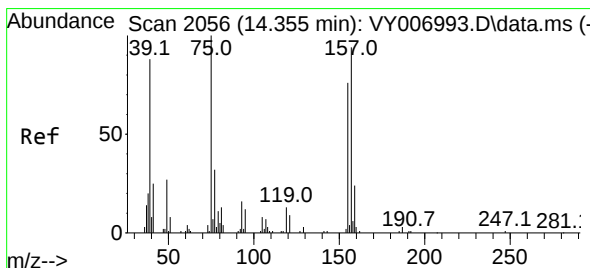
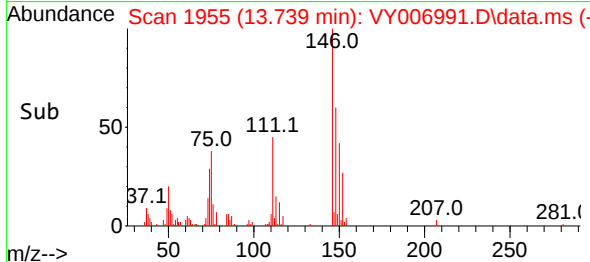
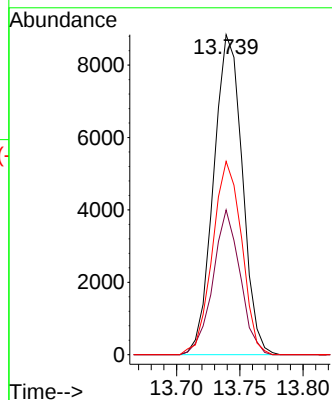
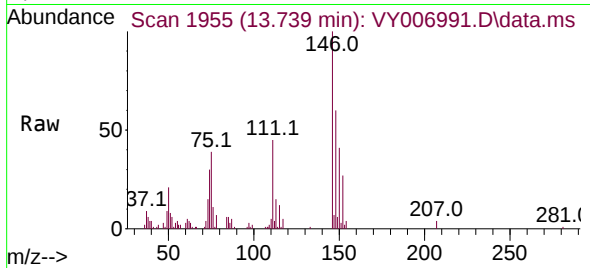




#67
 1,2-Dichlorobenzene
 Concen: 3.003 ug/L
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY006991.D
 Acq: 07 Dec 2021 12:01

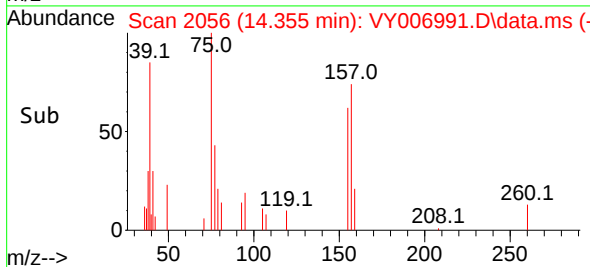
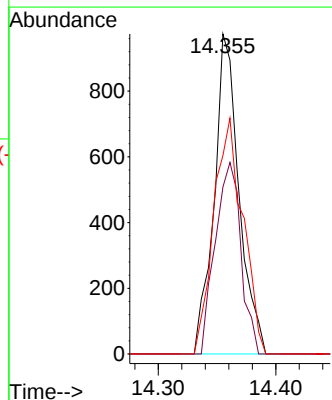
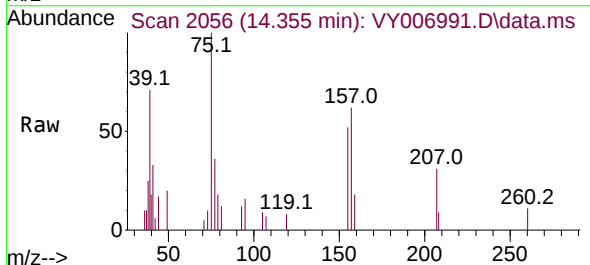
Instrument :
 MSVOA_Y
 ClientSampleId :

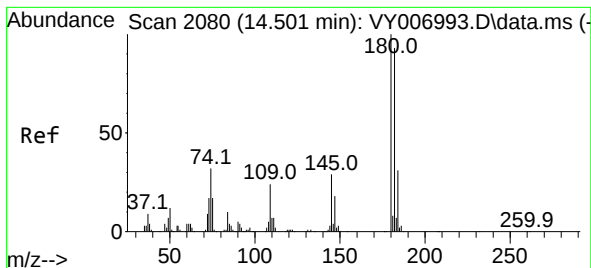
Tgt Ion:146 Resp: 13965
 Ion Ratio Lower Upper
 146 100
 111 45.3 32.8 49.2
 148 60.4 51.7 77.5



#68
 1,2-Dibromo-3-chloropropane
 Concen: 3.355 ug/L
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY006991.D
 Acq: 07 Dec 2021 12:01

Tgt Ion: 75 Resp: 1435
 Ion Ratio Lower Upper
 75 100
 155 52.2 61.0 91.6#
 157 62.0 75.4 113.2#





#69

1,3,5-Trichlorobenzene

Concen: 3.285 ug/L

RT: 14.507 min Scan# 2080

Delta R.T. 0.006 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180 Resp: 11430

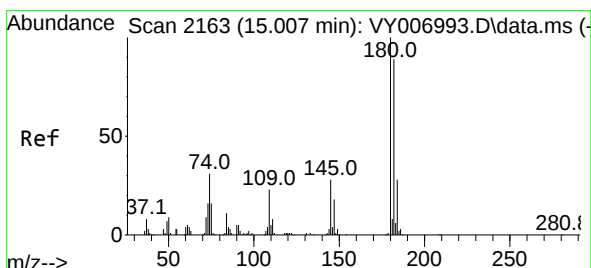
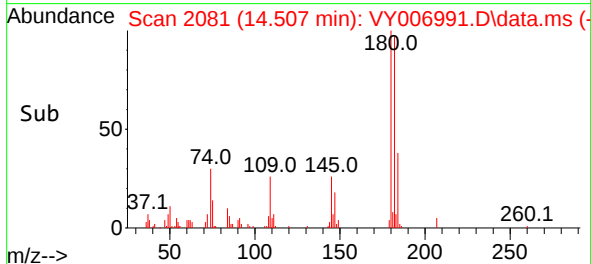
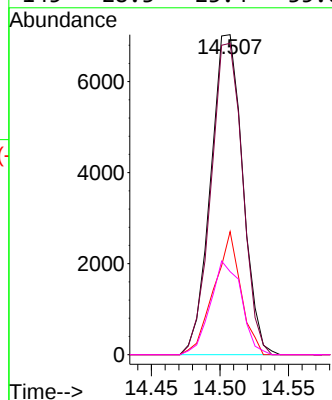
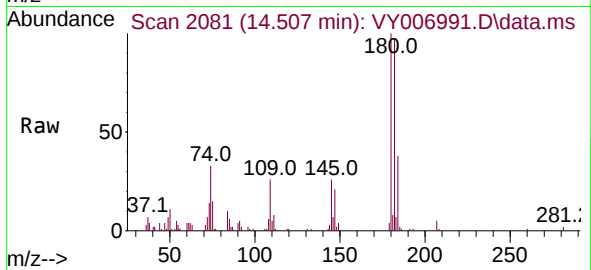
Ion Ratio Lower Upper

180 100

182 96.0 75.5 113.3

184 32.2 24.1 36.1

145 28.3 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 3.106 ug/L

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

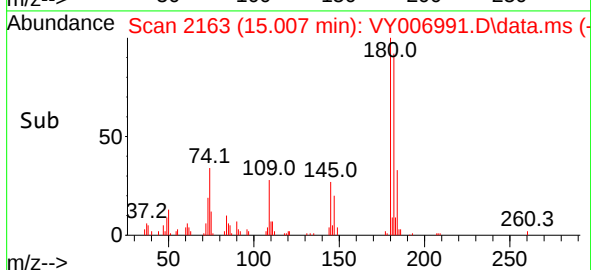
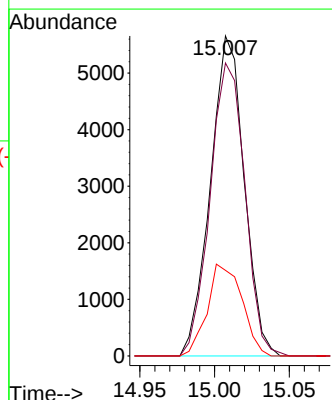
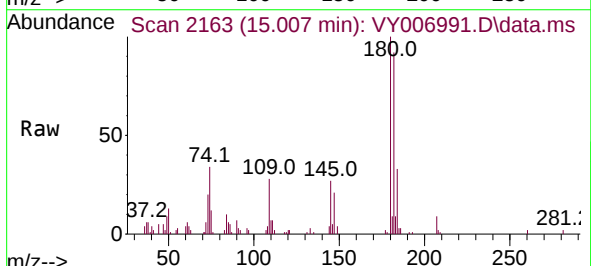
Tgt Ion:180 Resp: 8892

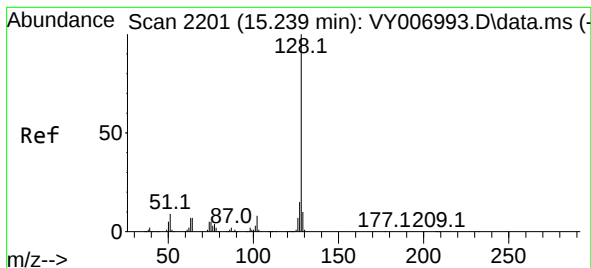
Ion Ratio Lower Upper

180 100

182 94.0 74.6 112.0

145 29.4 22.7 34.1





#71

Naphthalene

Concen: 3.503 ug/L

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

Instrument :

MSVOA_Y

ClientSampleId :

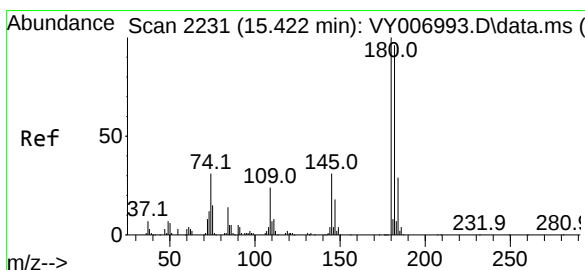
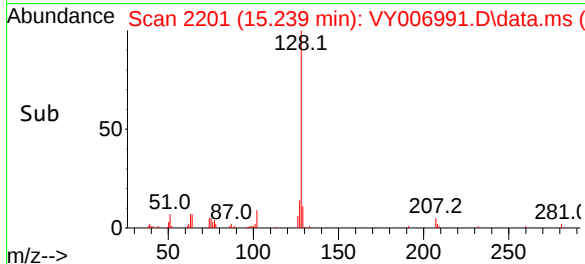
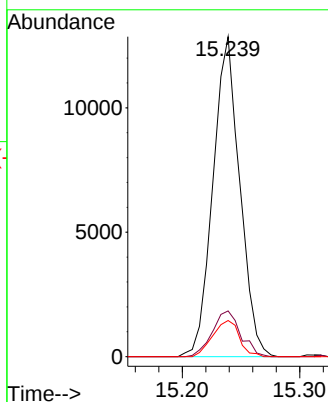
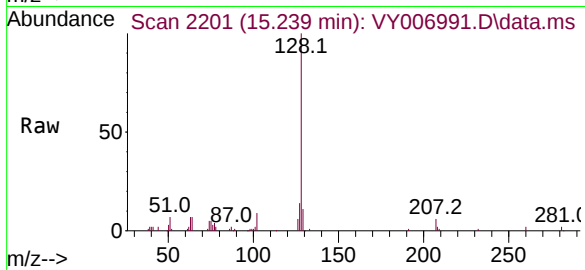
Tgt Ion:128 Resp: 20417

Ion Ratio Lower Upper

128 100

127 15.1 10.7 16.1

129 11.3 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 3.395 ug/L

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY006991.D

Acq: 07 Dec 2021 12:01

Tgt Ion:180 Resp: 8572

Ion Ratio Lower Upper

180 100

182 102.1 76.2 114.2

145 33.1 23.7 35.5

