

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY006992.D
 Acq On : 07 Dec 2021 12:23
 Operator : SY/MD
 Sample : VSTD00507
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 08 01:16:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120721SMA.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	153371	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	144697	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	71440	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	16094	7.021	ug/L	0.00
7) Chloroethane-d5	2.765	69	13096	7.356	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.857	63	26138	6.018	ug/L	0.00
21) 2-Butanone-d5	6.899	46	10513	12.559	ug/L	0.00
24) Chloroform-d	7.478	84	24844	6.166	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.142	65	14786	6.100	ug/L	0.00
32) Benzene-d6	8.112	84	46648	5.811	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	16391	6.338	ug/L	0.00
41) Toluene-d8	10.179	98	43200	5.784	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.441	79	7212	5.849	ug/L	0.00
47) 2-Hexanone-d5	10.788	63	7185	11.653	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.556	84	13718	6.266	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.721	152	14141	5.940	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	2104	2.144	ug/L	94
3) Chloromethane	2.113	50	14169	7.175	ug/L	98
5) Vinyl chloride	2.259	62	21537	7.166	ug/L	99
6) Bromomethane	2.662	94	13082	7.190	ug/L	94
8) Chloroethane	2.802	64	12423	6.882	ug/L	96
9) Trichlorofluoromethane						

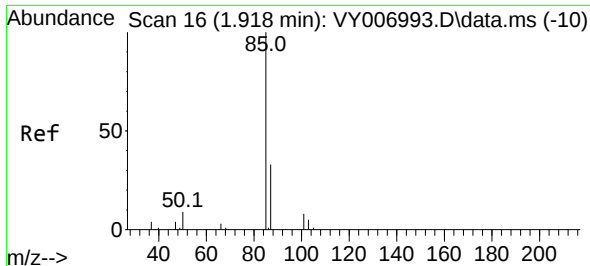
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY006992.D
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Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 08 01:16:43 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)

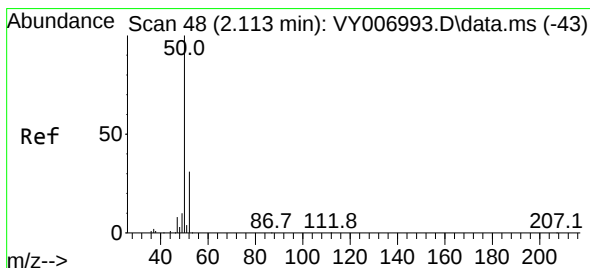
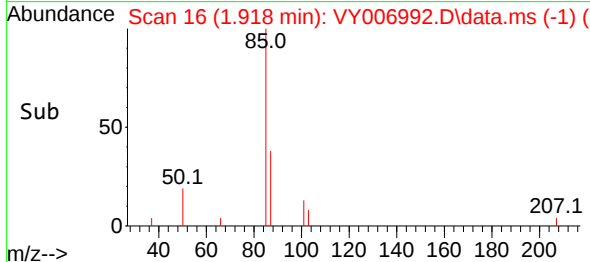
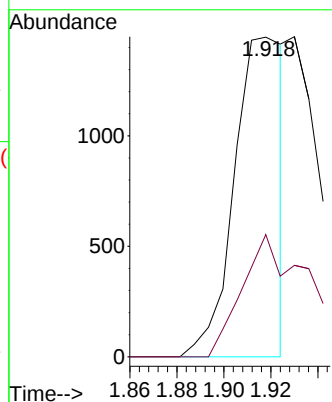
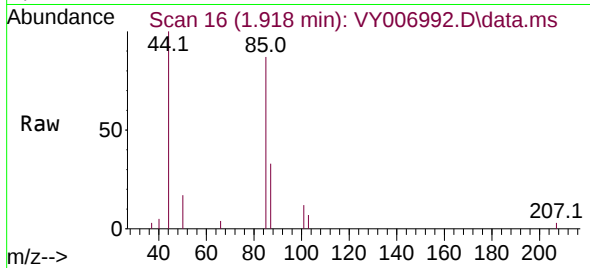
45) 1,1,2-Trichloroethane	10.648	97	10635	5.588	ug/L	94
46) Tetrachloroethene	10.721	164	9648	4.871	ug/L	97
48) 2-Hexanone	10.831	43	16717	10.650	ug/L	97
49) Dibromochloromethane	10.983	129	11946	5.237	ug/L	97
50) 1,2-Dibromoethane	11.093	107	9581	5.306	ug/L #	97
51) Chlorobenzene	11.520	112	32790	5.142	ug/L	98
52) Ethylbenzene	11.593	91	56035	4.956	ug/L	100
53) m,p-Xylene	11.703	106	20643	4.829	ug/L	96
54) o-Xylene	12.032	106	19413	4.826	ug/L	97
55) Styrene	12.044	104	33372	4.747	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.581	83	13716	5.823	ug/L	98
59) Bromoform	12.209	173	7201	5.113	ug/L	95
60) Isopropylbenzene	12.331	105	51777	5.106	ug/L	99
61) 1,2,3-Trichloropropane	12.635	75	10786	6.169	ug/L	98
62) 1,3,5-Trimethylbenzene	12.812	105	40954	4.922	ug/L	96
63) 1,2,4-Trimethylbenzene	13.123	105	41561	4.966	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	24205	5.105	ug/L	98
65) 1,4-Dichlorobenzene	13.446	146	24333	5.037	ug/L	97
67) 1,2-Dichlorobenzene	13.739	146	22016	5.207	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.355	75	2204	5.668	ug/L	98
69) 1,3,5-Trichlorobenzene	14.501	180	16755	5.296	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	13389	5.144	ug/L	96
71) Naphthalene	15.239	128	34790	6.564	ug/L	99
72) 1,2,3-Trichlorobenzene	15.422	180	14221	6.195	ug/L	99



#2
 Dichlorodifluoromethane
 Concen: 2.144 ug/L
 RT: 1.918 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: VY006992.D
 Acq: 07 Dec 2021 12:23

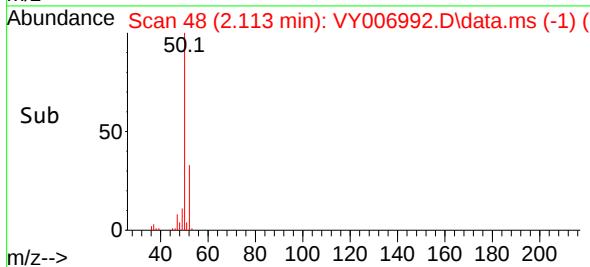
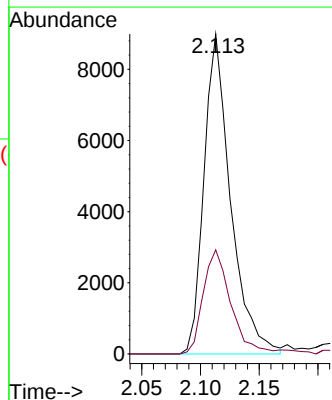
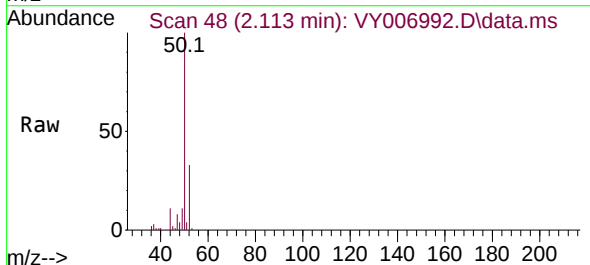
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 ClientSampleId :

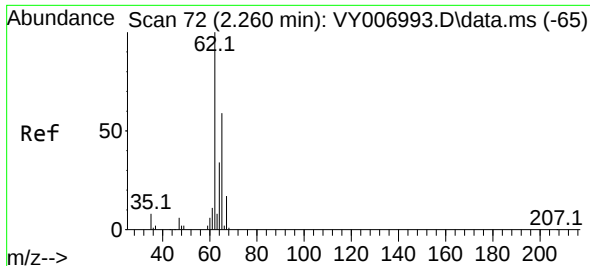
Tgt Ion: 85 Resp: 2104
 Ion Ratio Lower Upper
 85 100
 87 29.7 21.2 31.8



#3
 Chloromethane
 Concen: 7.175 ug/L
 RT: 2.113 min Scan# 48
 Delta R.T. -0.000 min
 Lab File: VY006992.D
 Acq: 07 Dec 2021 12:23

Tgt Ion: 50 Resp: 14169
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.0 41.0

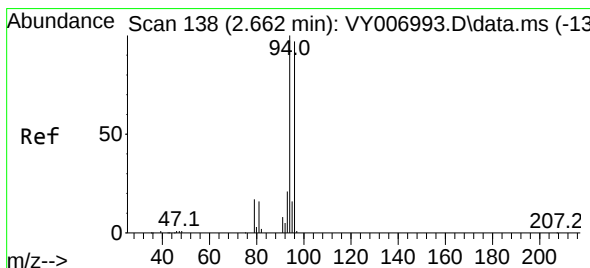
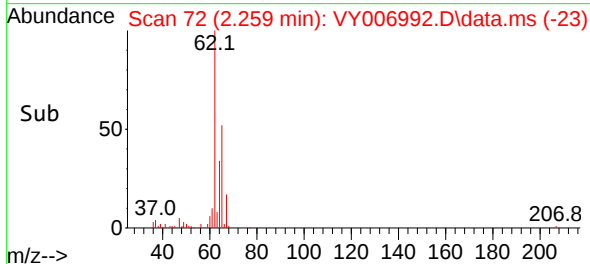
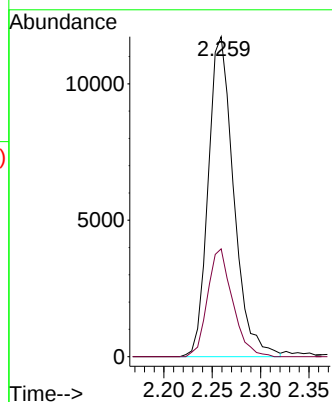
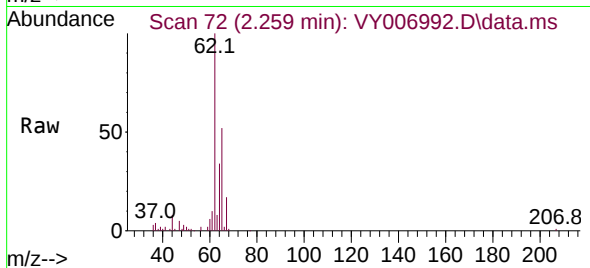




#5
 Vinyl chloride
 Concen: 7.166 ug/L
 RT: 2.259 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VY006992.D
 Acq: 07 Dec 2021 12:23

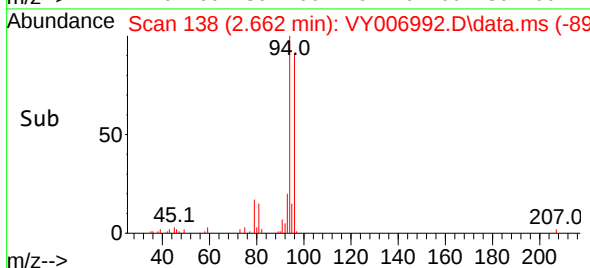
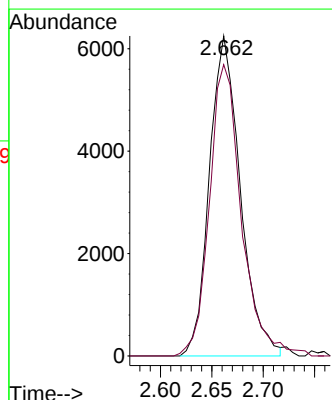
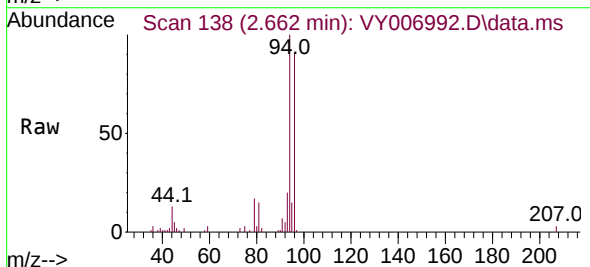
Instrument :
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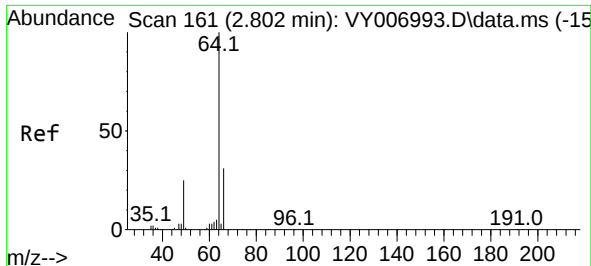
Tgt Ion: 62 Resp: 21537
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.8 44.2



#6
 Bromomethane
 Concen: 7.190 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VY006992.D
 Acq: 07 Dec 2021 12:23

Tgt Ion: 94 Resp: 13082
 Ion Ratio Lower Upper
 94 100
 96 91.1 68.0 126.4

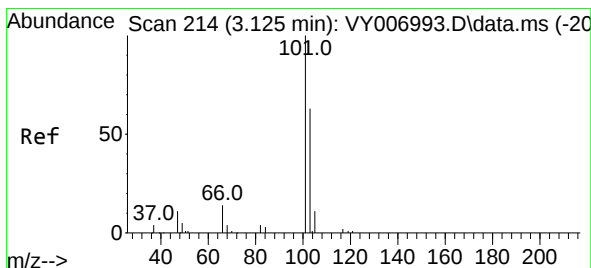
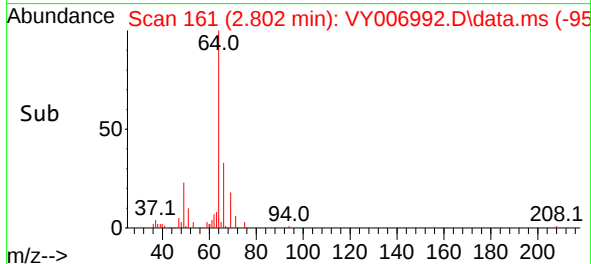
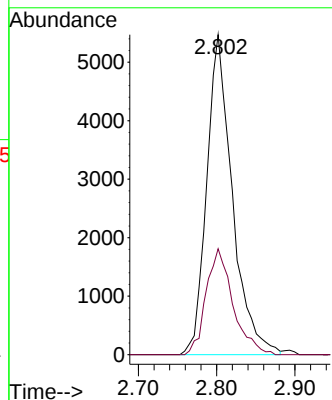
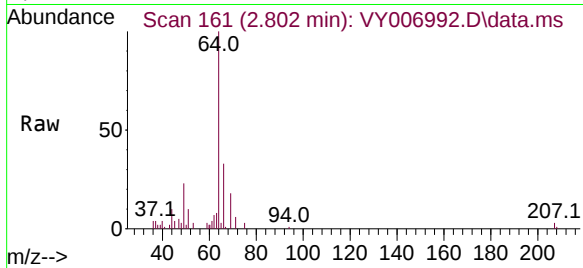




#8
Chloroethane
Concen: 6.882 ug/L
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

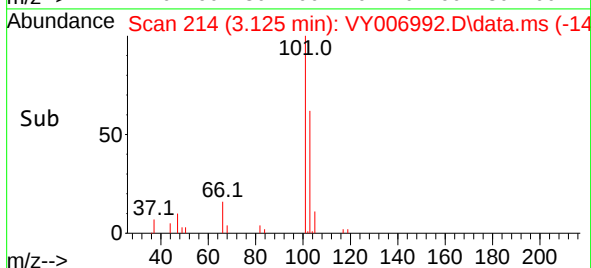
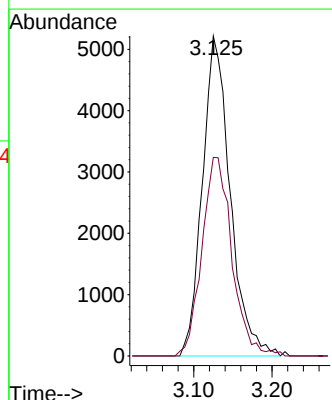
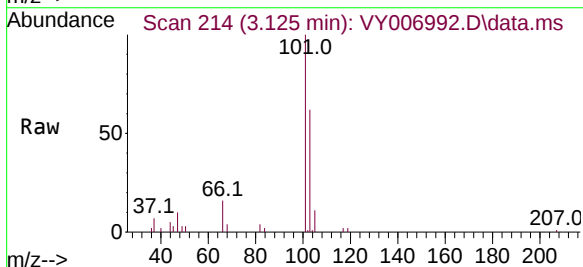
Instrument :
MSVOA_Y
ClientSampleId :

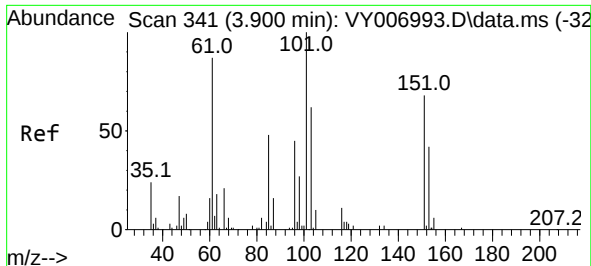
Tgt Ion: 64 Resp: 12423
Ion Ratio Lower Upper
64 100
66 33.1 21.8 40.4



#9
Trichlorofluoromethane
Concen: 6.074 ug/L
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

Tgt Ion:101 Resp: 12840
Ion Ratio Lower Upper
101 100
103 66.4 51.1 76.7

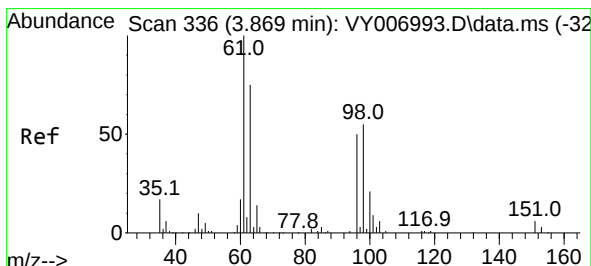
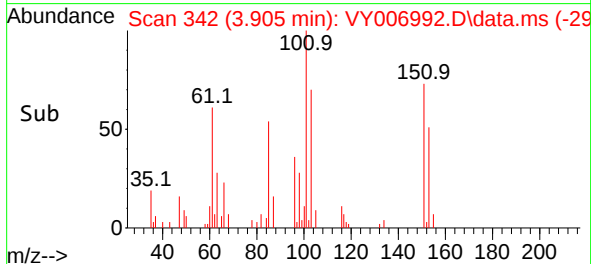
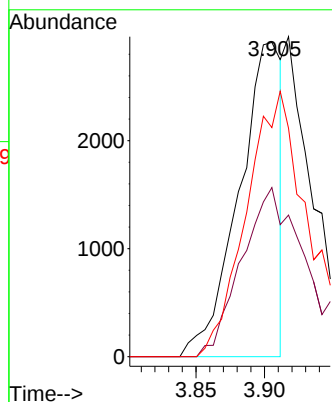
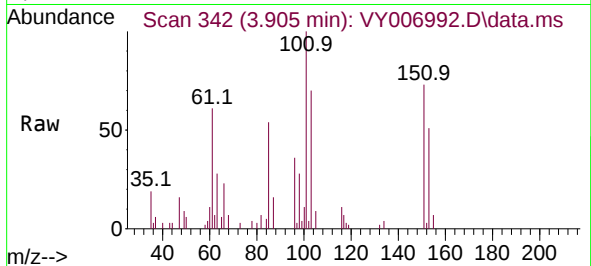




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.184 ug/L
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

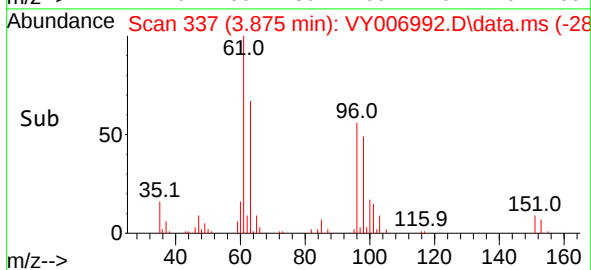
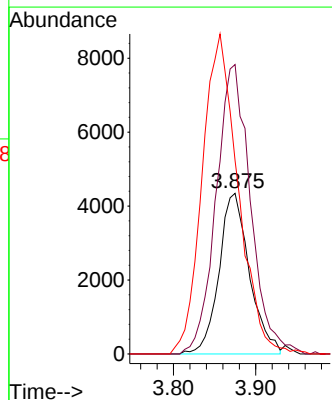
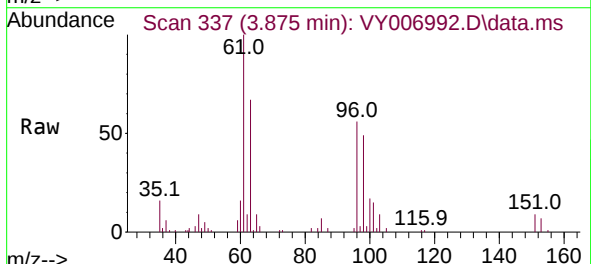
Instrument :
MSVOA_Y
ClientSampleId :

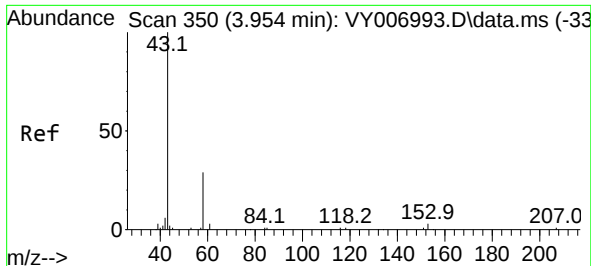
Tgt Ion:101 Resp: 6295
Ion Ratio Lower Upper
101 100
85 74.8 34.6 52.0#
151 125.5 55.0 82.4#



#12
1,1-Dichloroethene
Concen: 5.315 ug/L
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

Tgt Ion: 96 Resp: 11192
Ion Ratio Lower Upper
96 100
61 180.2 142.0 263.8
63 120.3 110.9 205.9





#13

Acetone

Concen: 12.577 ug/L

RT: 3.954 min Scan# 31

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

Instrument :

MSVOA_Y

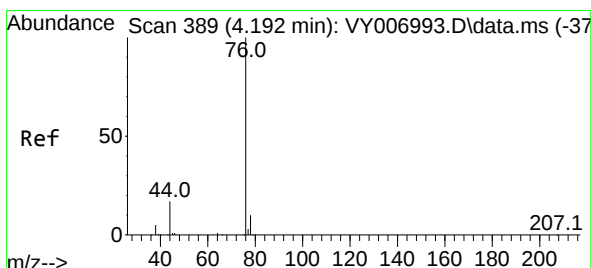
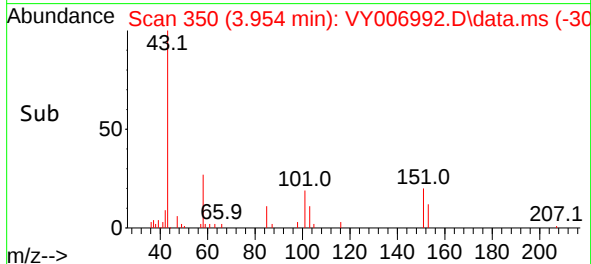
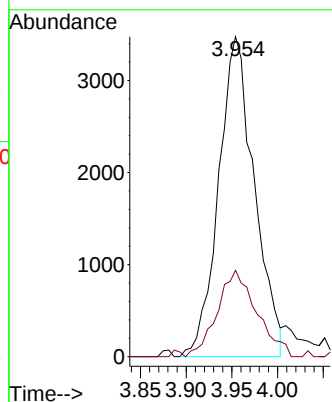
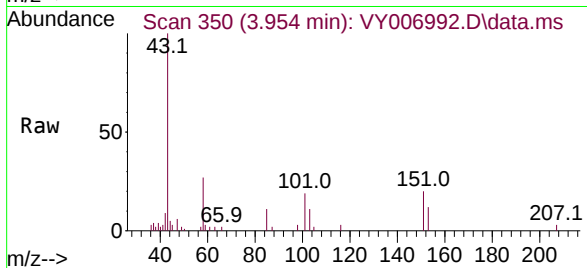
ClientSampleId :

Tgt Ion: 43 Resp: 9460

Ion Ratio Lower Upper

43 100

58 29.6 0.0 56.4



#14

Carbon disulfide

Concen: 5.318 ug/L

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY006992.D

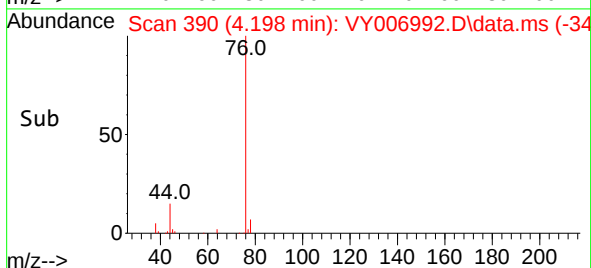
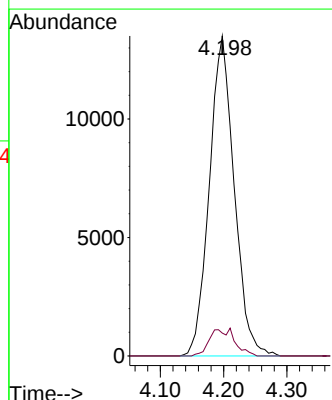
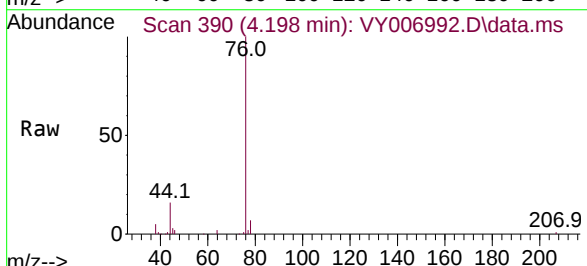
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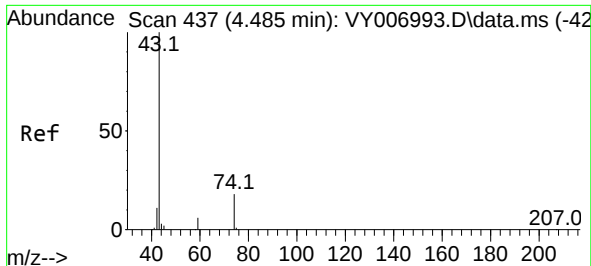
Tgt Ion: 76 Resp: 36909

Ion Ratio Lower Upper

76 100

78 7.2 7.8 11.8#

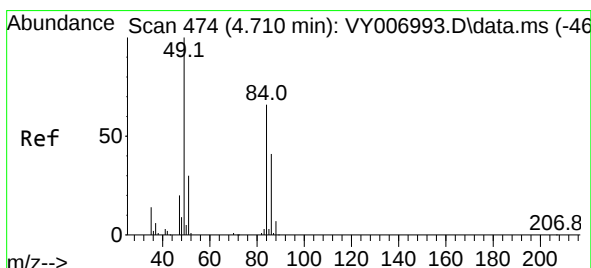
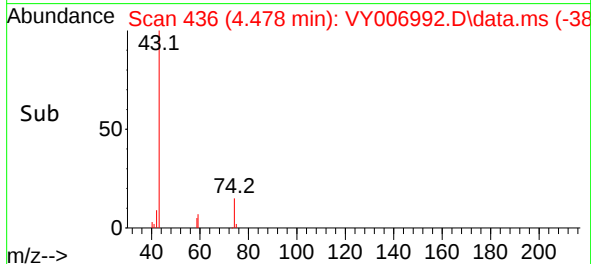
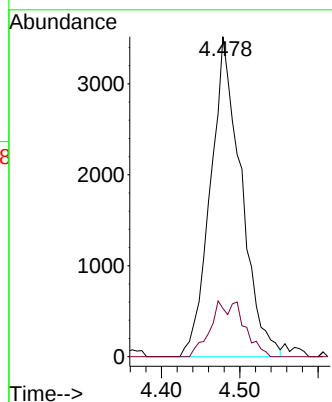
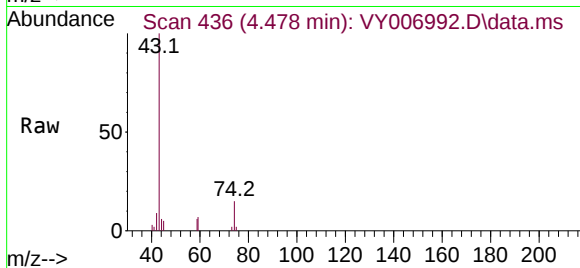




#15
Methyl Acetate
Concen: 5.871 ug/L
RT: 4.478 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

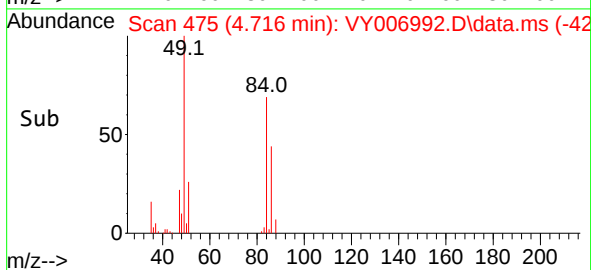
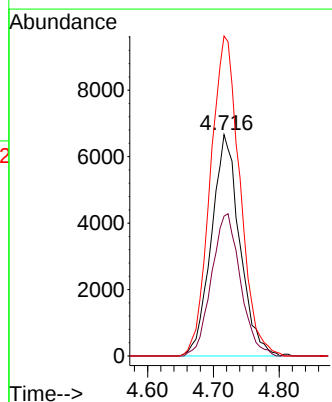
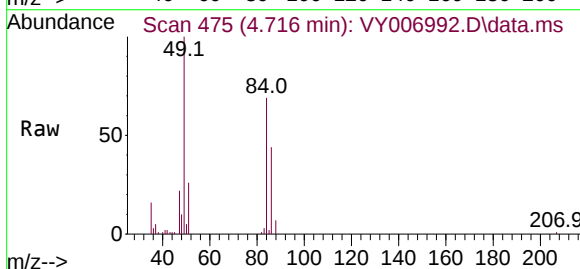
Instrument :
MSVOA_Y
ClientSampleId :

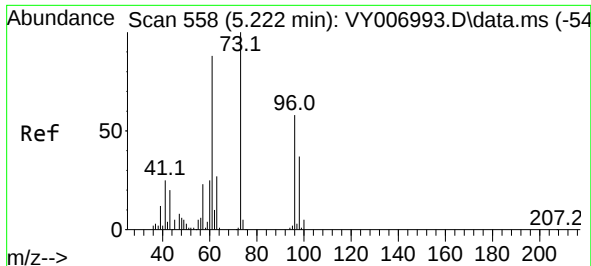
Tgt Ion: 43 Resp: 9573
Ion Ratio Lower Upper
43 100
74 10.1 5.6 8.4#



#16
Methylene chloride
Concen: 7.042 ug/L
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

Tgt Ion: 84 Resp: 19959
Ion Ratio Lower Upper
84 100
86 63.2 43.0 79.8
49 144.6 105.3 195.6





#17

trans-1,2-Dichloroethene

Concen: 5.155 ug/L

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

Instrument :

MSVOA_Y

ClientSampleId :

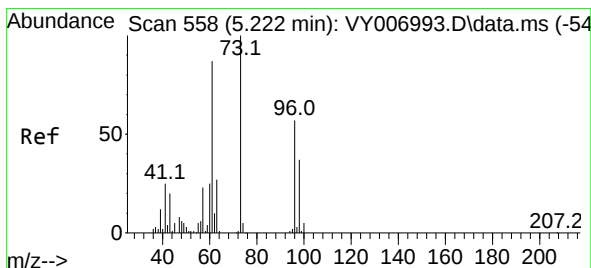
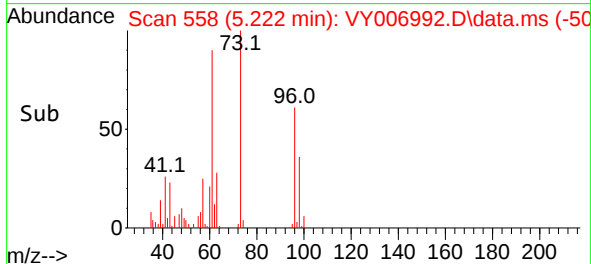
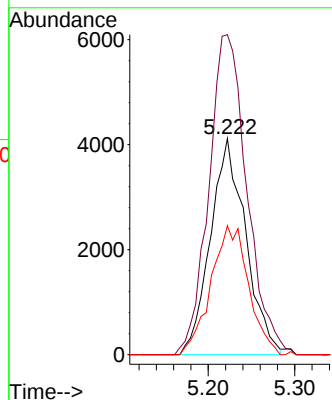
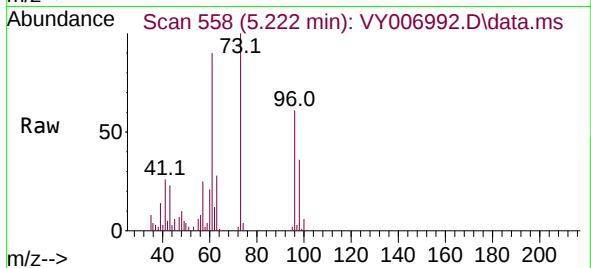
Tgt Ion: 96 Resp: 11653

Ion Ratio Lower Upper

96 100

61 148.0 106.5 197.9

98 59.7 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 5.687 ug/L

RT: 5.222 min Scan# 558

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

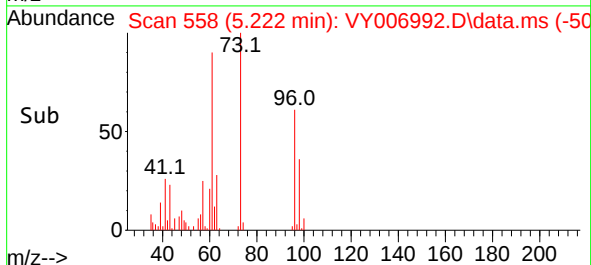
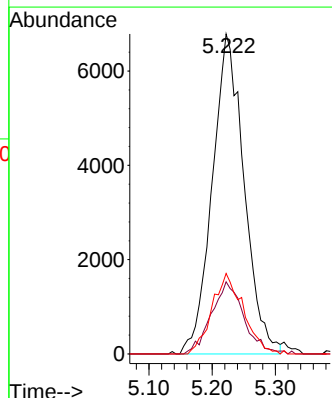
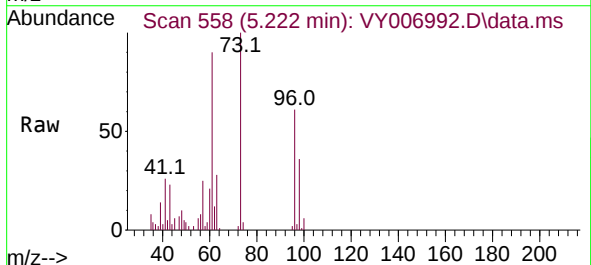
Tgt Ion: 73 Resp: 23664

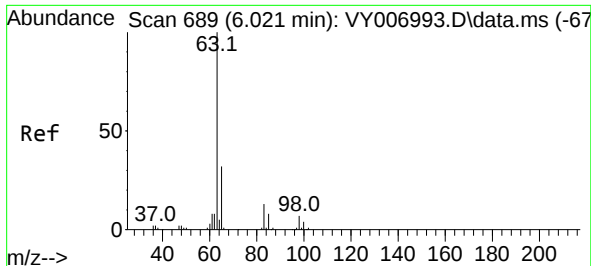
Ion Ratio Lower Upper

73 100

43 22.6 17.7 26.5

57 24.9 19.4 29.2





#19

1,1-Dichloroethane

Concen: 5.815 ug/L

RT: 6.021 min Scan# 61

Delta R.T. -0.000 min

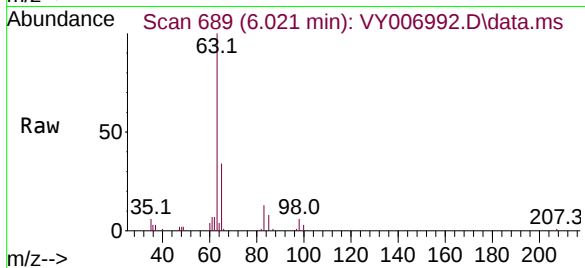
Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

Instrument :

MSVOA_Y

ClientSampleId :



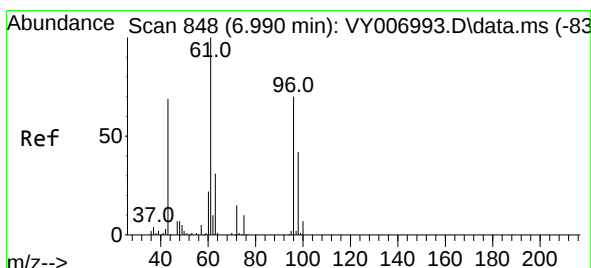
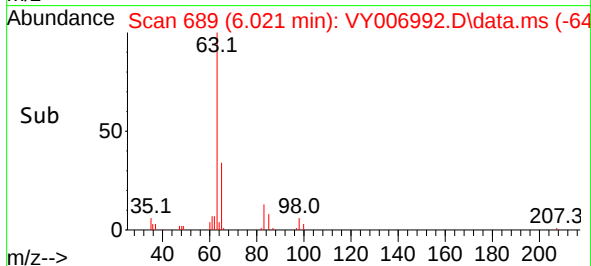
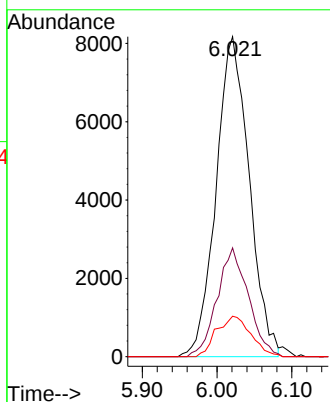
Tgt Ion: 63 Resp: 25154

Ion Ratio Lower Upper

63 100

65 34.0 22.7 42.1

83 12.7 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 5.346 ug/L

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

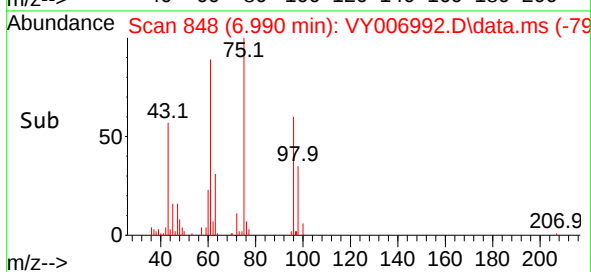
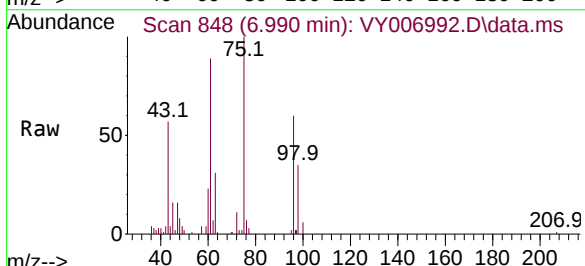
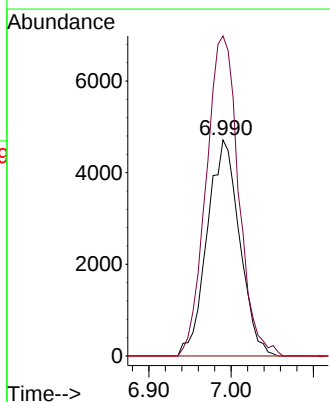
Tgt Ion: 96 Resp: 12923

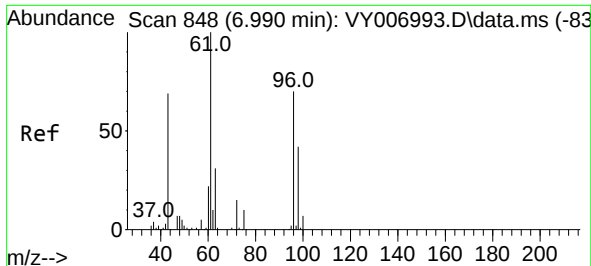
Ion Ratio Lower Upper

96 100

61 148.1 100.2 186.0

68 0.0 0.0 0.0

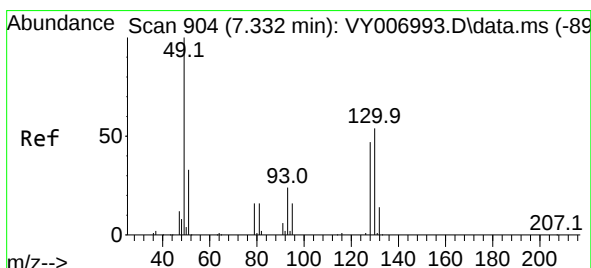
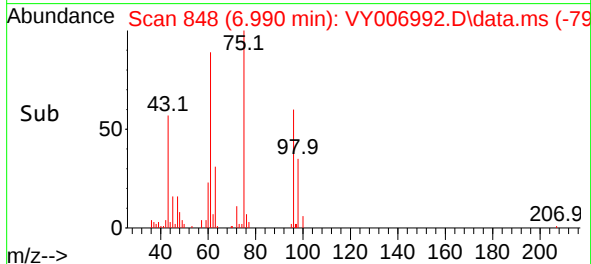
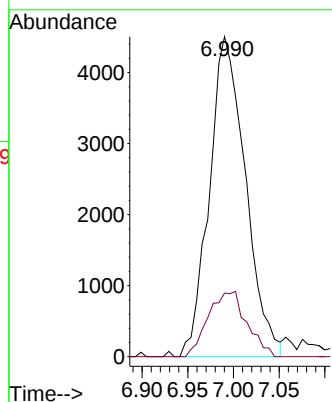
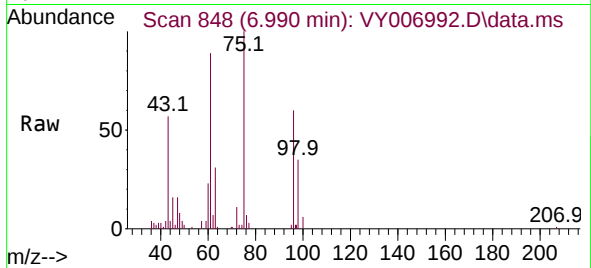




#22
2-Butanone
Concen: 11.675 ug/L
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

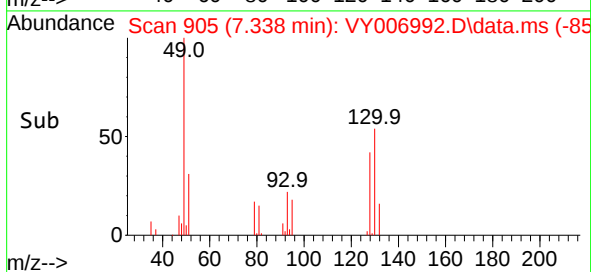
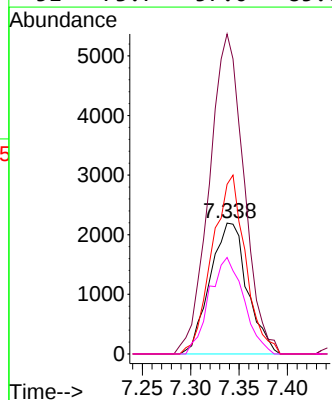
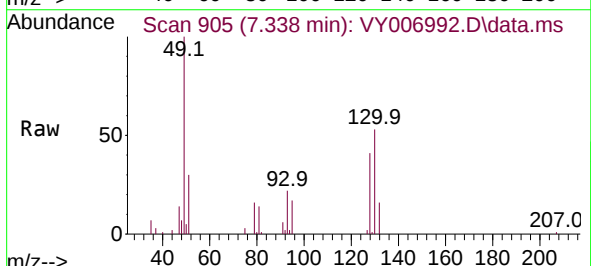
Instrument :
MSVOA_Y
ClientSampleId :

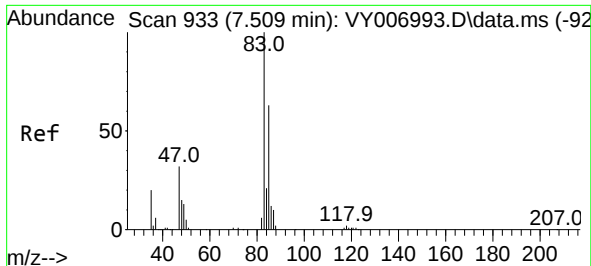
Tgt Ion: 43 Resp: 12372
Ion Ratio Lower Upper
43 100
72 21.7 11.4 34.2



#23
Bromochloromethane
Concen: 5.324 ug/L
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

Tgt Ion:128 Resp: 5848
Ion Ratio Lower Upper
128 100
49 244.4 150.1 278.7
130 129.6 81.1 150.5
51 73.7 57.0 85.6

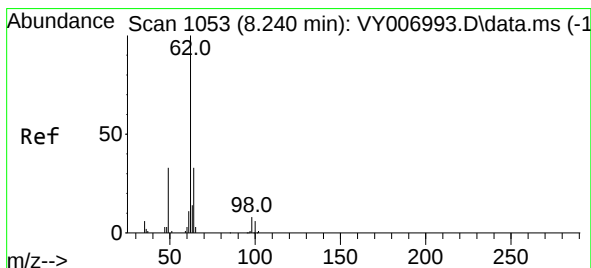
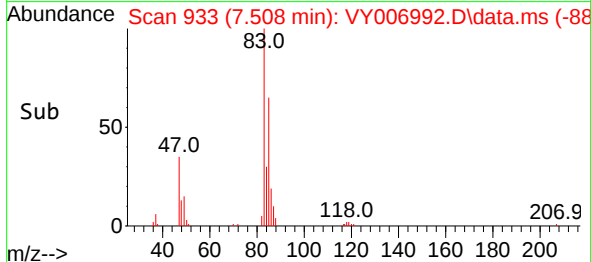
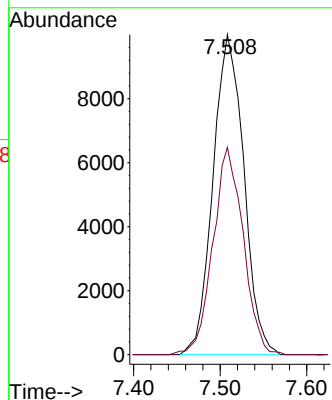
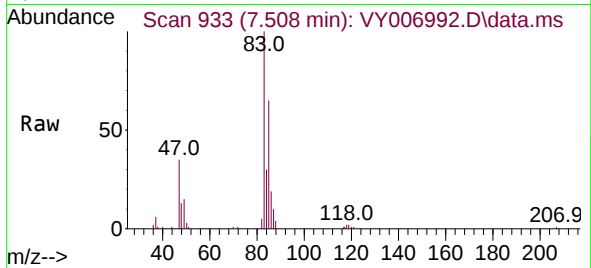




#25
Chloroform
Concen: 5.739 ug/L
RT: 7.508 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

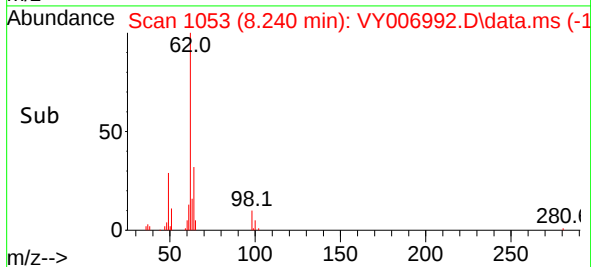
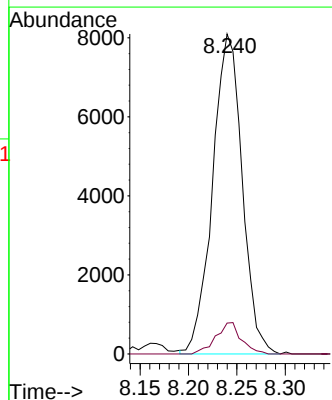
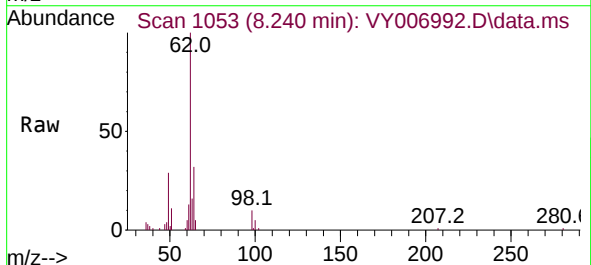
Instrument :
MSVOA_Y
ClientSampleId :

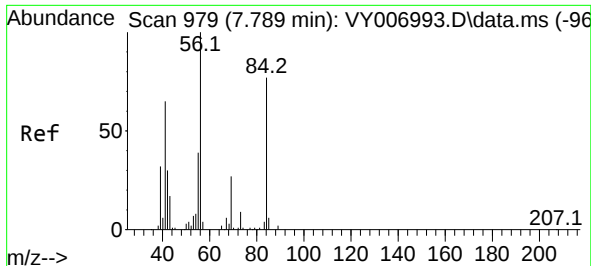
Tgt Ion: 83 Resp: 24718
Ion Ratio Lower Upper
83 100
85 64.8 43.9 81.5



#27
1,2-Dichloroethane
Concen: 5.507 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

Tgt Ion: 62 Resp: 17221
Ion Ratio Lower Upper
62 100
98 9.6 6.6 9.8





#29

Cyclohexane

Concen: 5.125 ug/L

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

Instrument :

MSVOA_Y

ClientSampleId :

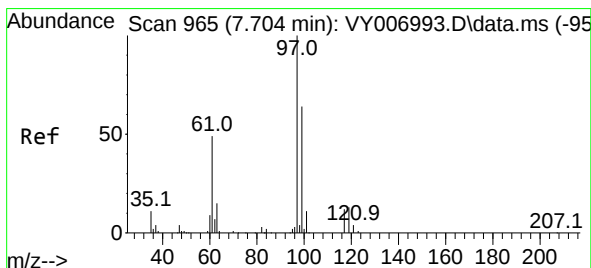
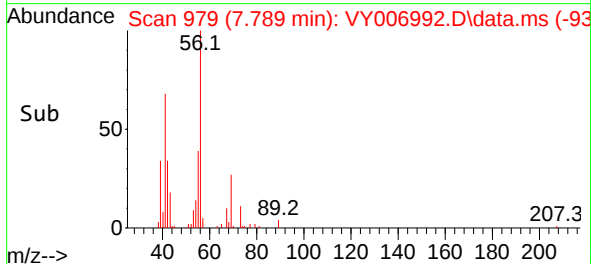
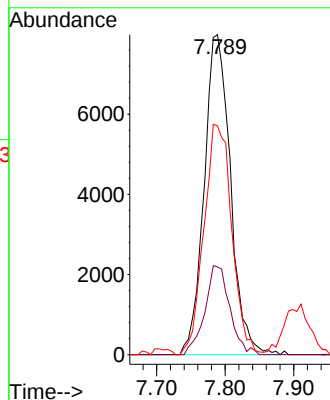
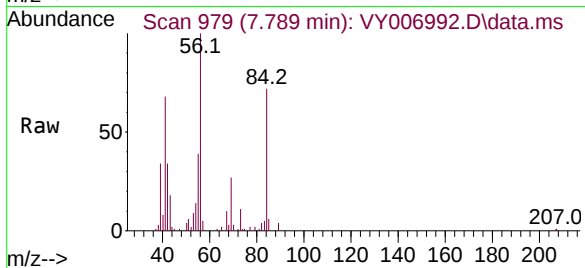
Tgt Ion: 56 Resp: 21329

Ion Ratio Lower Upper

56 100

69 25.9 22.0 33.0

84 76.1 61.7 92.5



#30

1,1,1-Trichloroethane

Concen: 5.285 ug/L

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

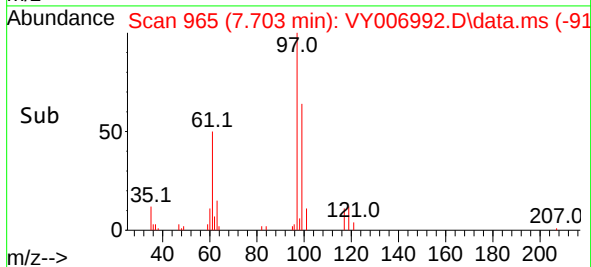
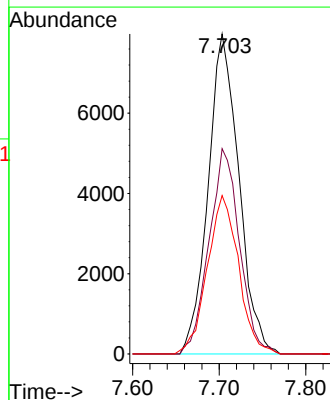
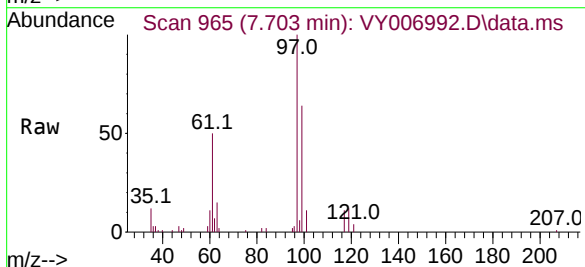
Tgt Ion: 97 Resp: 19666

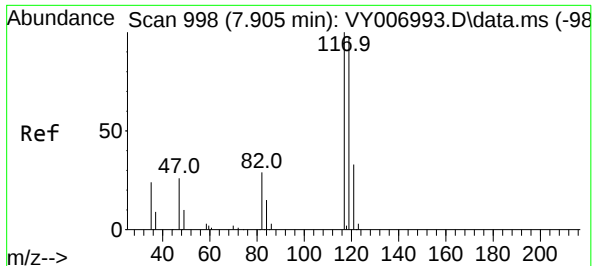
Ion Ratio Lower Upper

97 100

99 63.8 50.7 76.1

61 50.5 38.5 57.7

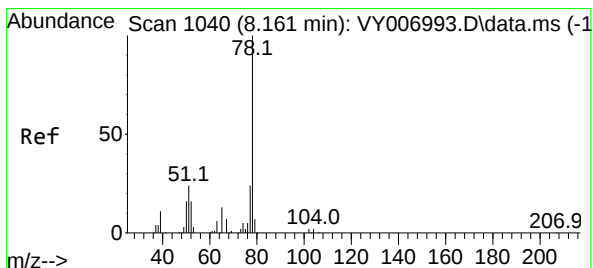
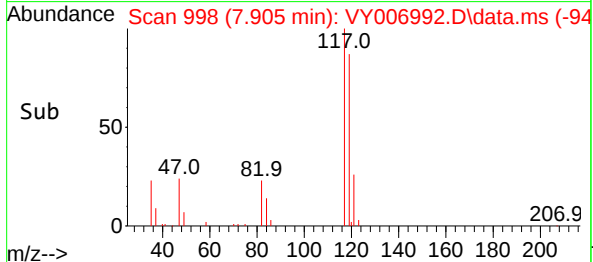
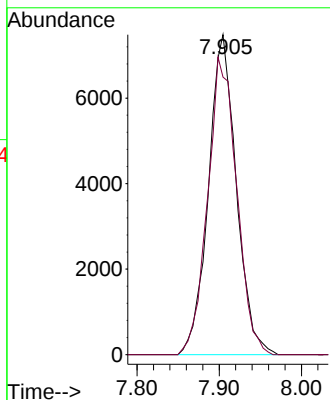
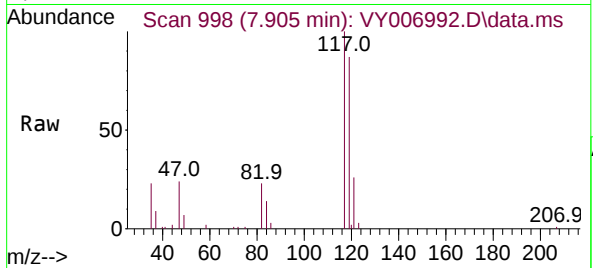




#31
Carbon tetrachloride
Concen: 5.036 ug/L
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

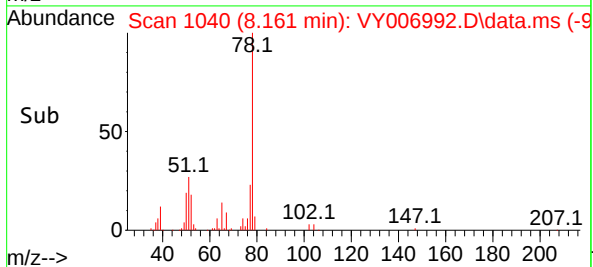
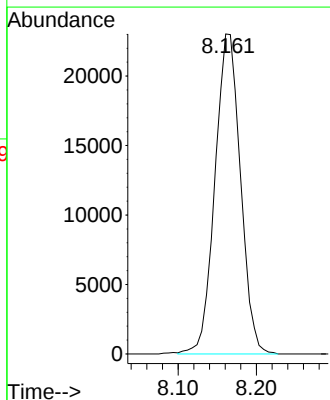
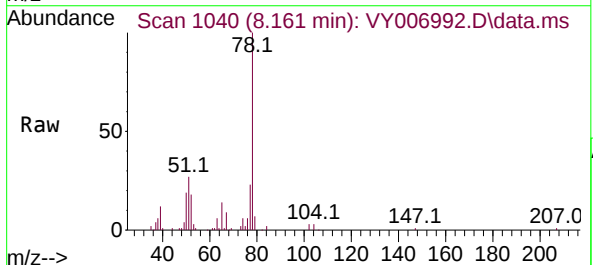
Instrument :
MSVOA_Y
ClientSampleId :

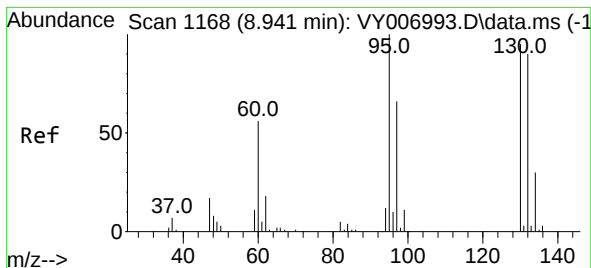
Tgt Ion:117 Resp: 17648
Ion Ratio Lower Upper
117 100
119 96.9 76.4 114.6



#33
Benzene
Concen: 5.245 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

Tgt Ion: 78 Resp: 52126





#34

Trichloroethene

Concen: 5.198 ug/L

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 95 Resp: 12627

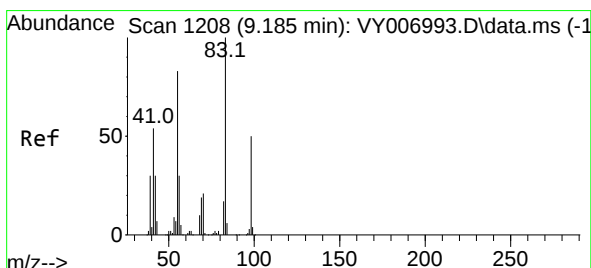
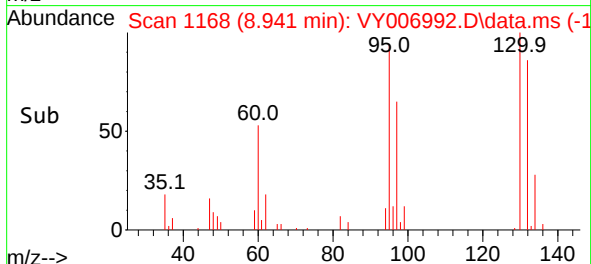
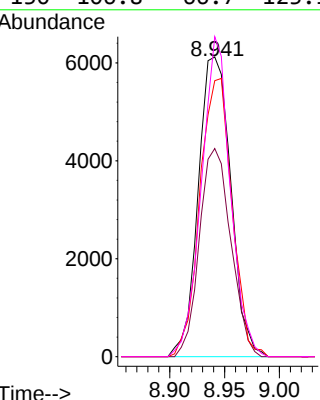
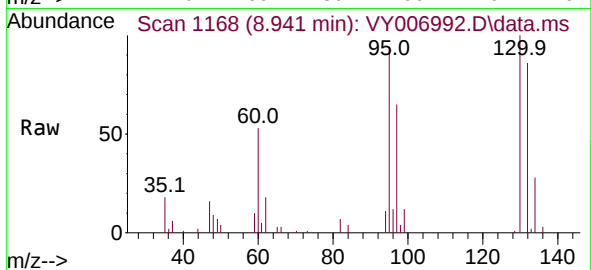
Ion Ratio Lower Upper

95 100

97 69.5 46.4 86.2

132 92.1 63.0 117.0

130 106.8 66.7 123.9



#35

Methylcyclohexane

Concen: 4.842 ug/L

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

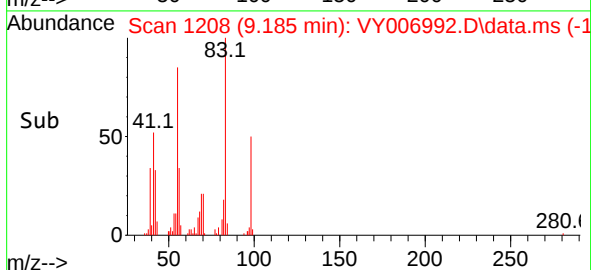
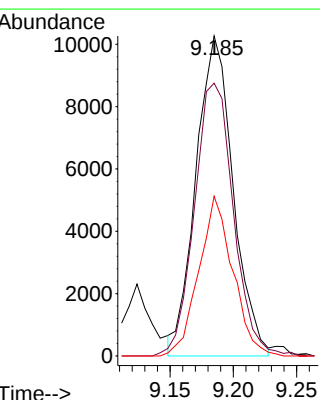
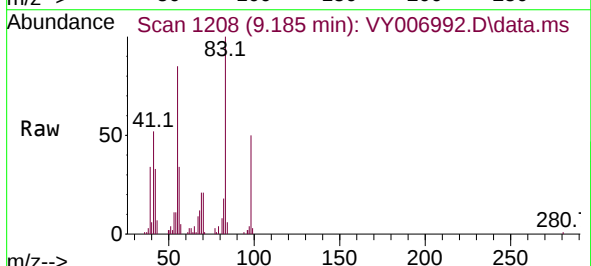
Tgt Ion: 83 Resp: 20992

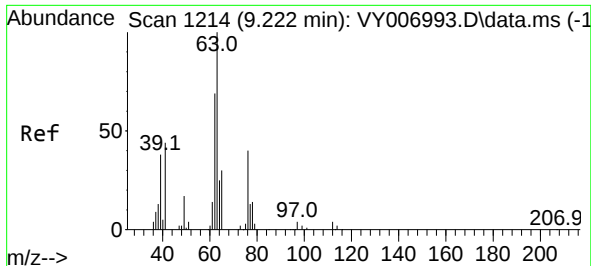
Ion Ratio Lower Upper

83 100

55 89.5 68.9 103.3

98 45.7 37.8 56.8





#37

1,2-Dichloropropane

Concen: 5.582 ug/L

RT: 9.221 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

Instrument :

MSVOA_Y

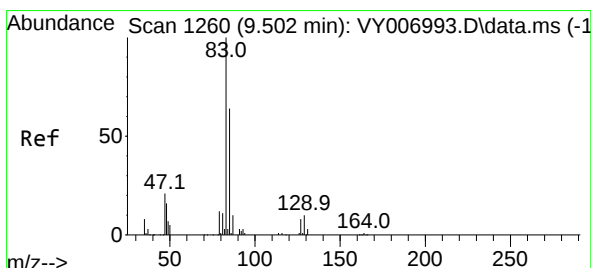
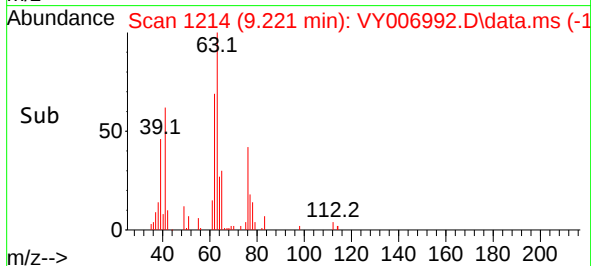
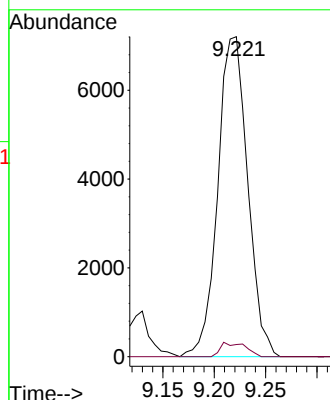
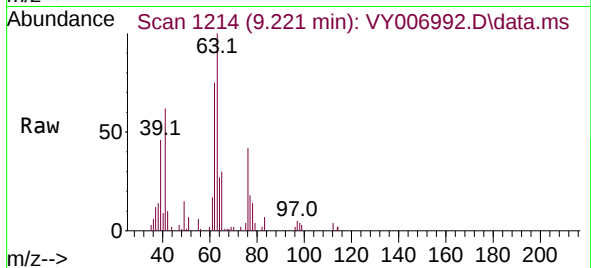
ClientSampleId :

Tgt Ion: 63 Resp: 14573

Ion Ratio Lower Upper

63 100

112 2.0 2.8 4.2#



#38

Bromodichloromethane

Concen: 5.368 ug/L

RT: 9.502 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

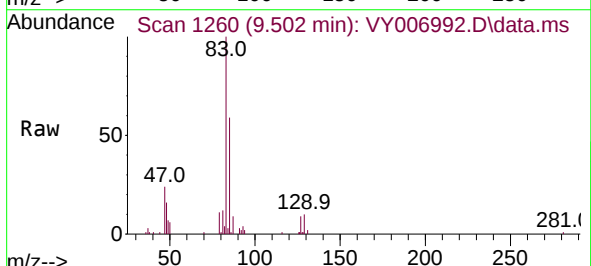
Tgt Ion: 83 Resp: 17844

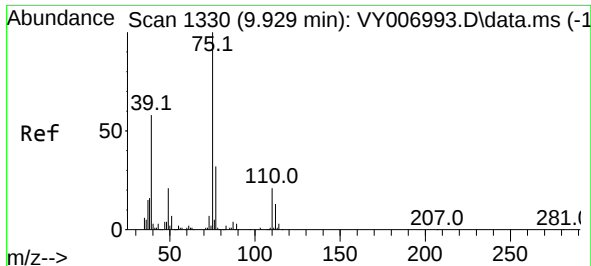
Ion Ratio Lower Upper

83 100

85 59.4 44.7 82.9

127 9.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.282 ug/L

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

Instrument :

MSVOA_Y

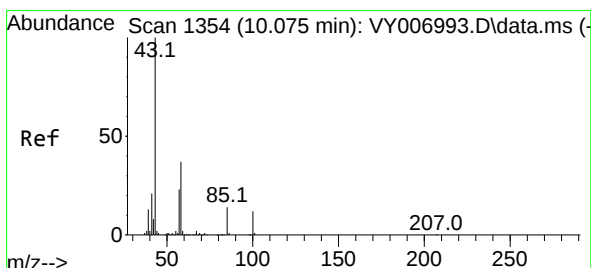
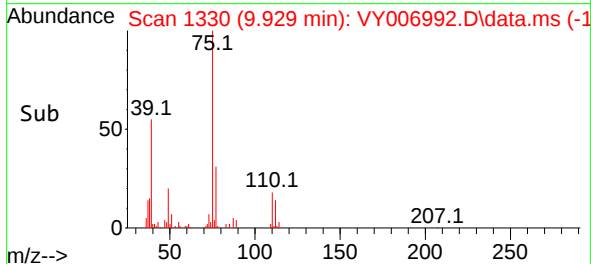
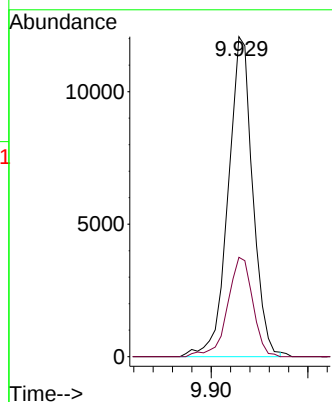
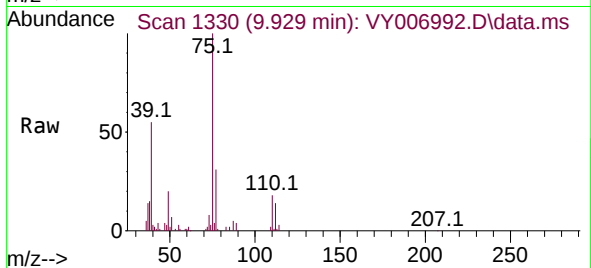
ClientSampleId :

Tgt Ion: 75 Resp: 21307

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 10.764 ug/L

RT: 10.075 min Scan# 1354

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

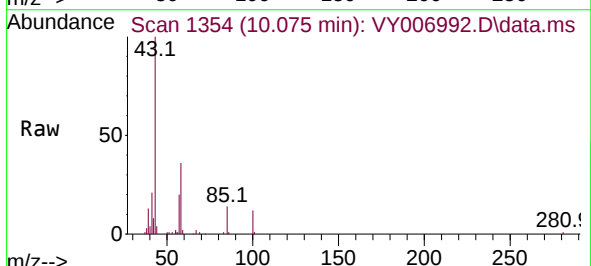
Tgt Ion: 43 Resp: 25206

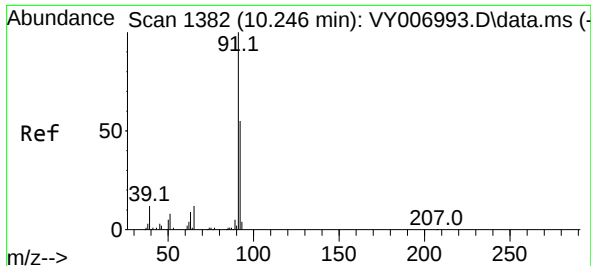
Ion Ratio Lower Upper

43 100

58 34.4 28.6 42.8

100 11.2 9.2 13.8

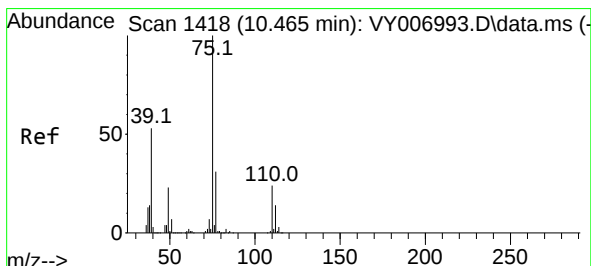
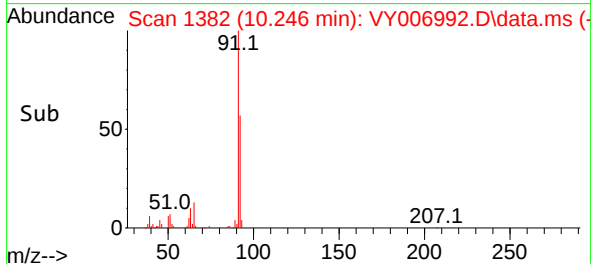
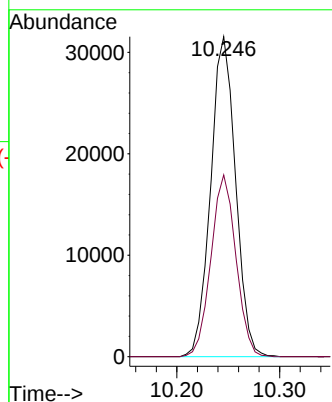
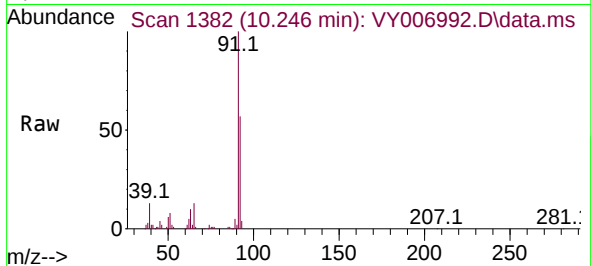




#42
Toluene
Concen: 5.034 ug/L
RT: 10.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

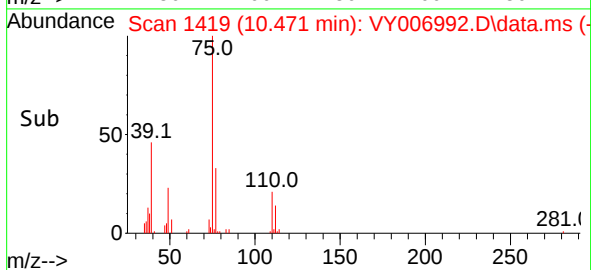
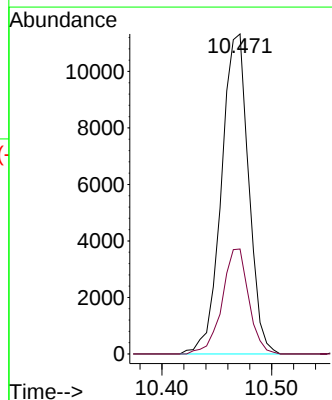
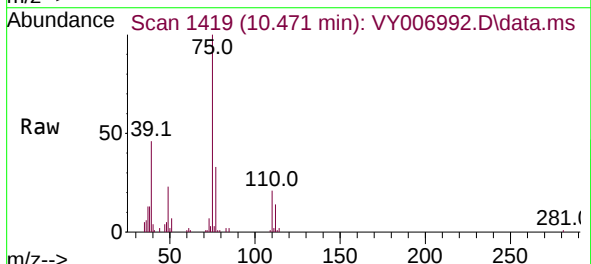
Instrument :
MSVOA_Y
ClientSampleId :

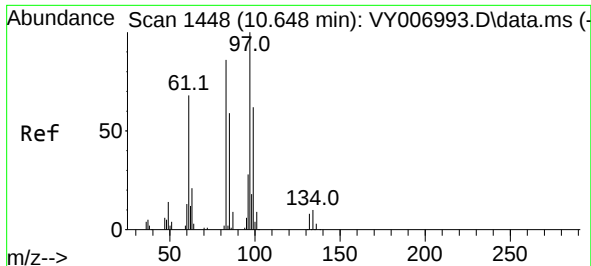
Tgt Ion: 91 Resp: 53107
Ion Ratio Lower Upper
91 100
92 56.8 38.2 71.0



#44
trans-1,3-Dichloropropene
Concen: 5.168 ug/L
RT: 10.471 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

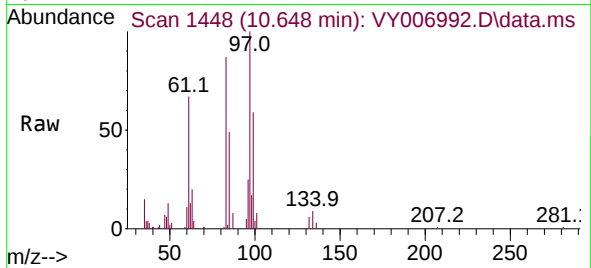
Tgt Ion: 75 Resp: 19528
Ion Ratio Lower Upper
75 100
77 32.8 21.8 40.6



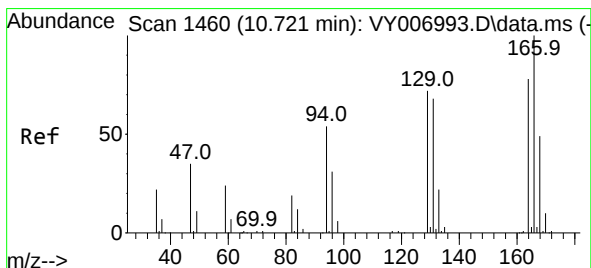
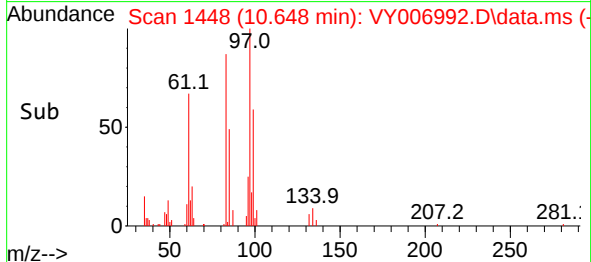
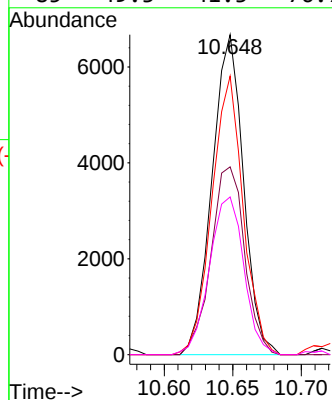


#45
1,1,2-Trichloroethane
Concen: 5.588 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

Instrument :
MSVOA_Y
ClientSampleId :

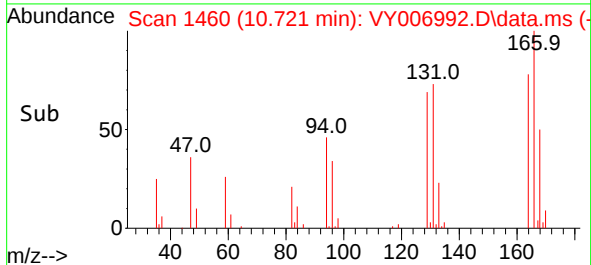
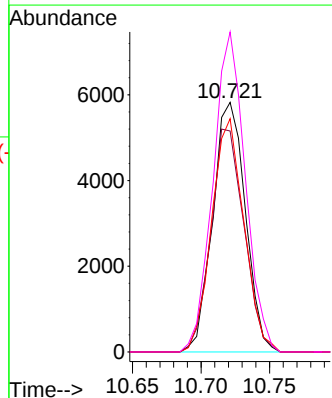
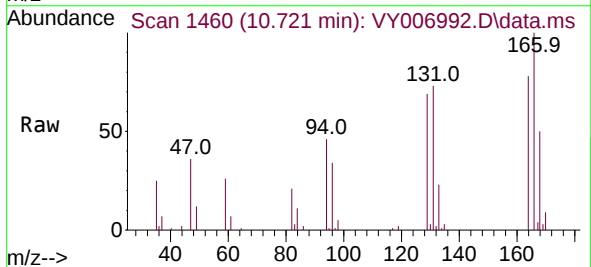


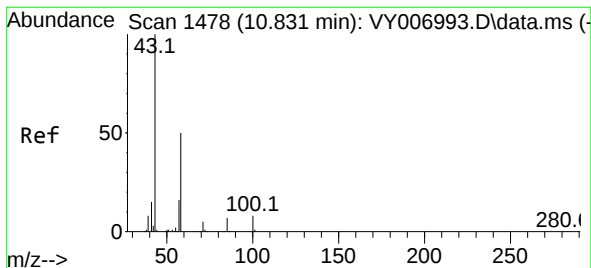
Tgt Ion: 97	Resp: 10635		
Ion	Ratio	Lower	Upper
97	100		
99	58.7	43.4	80.6
83	87.1	59.8	111.1
85	49.3	41.3	76.7



#46
Tetrachloroethene
Concen: 4.871 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

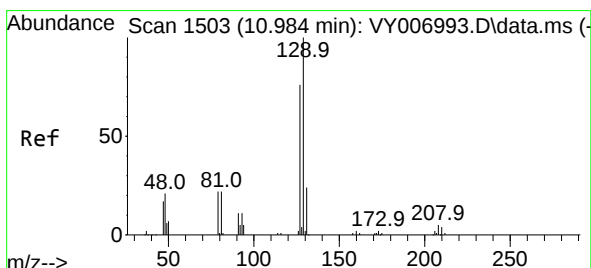
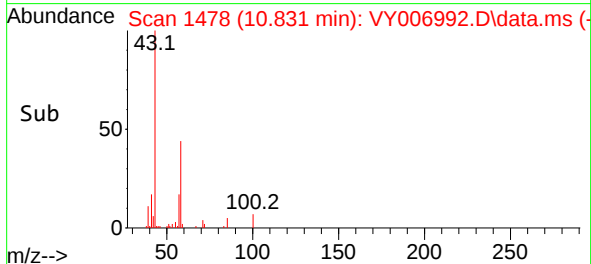
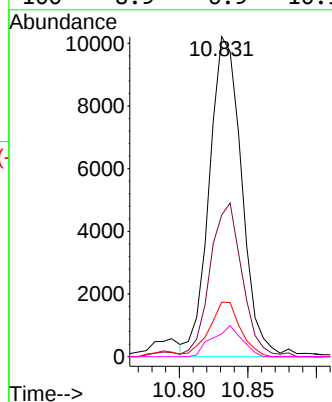
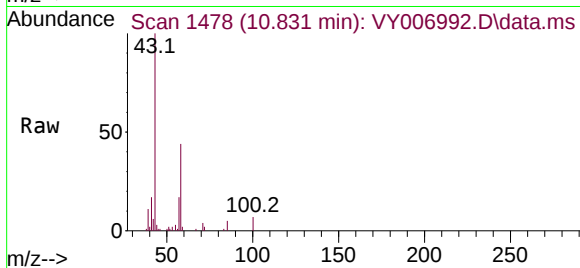
Tgt Ion: 164	Resp: 9648		
Ion	Ratio	Lower	Upper
164	100		
129	88.5	64.0	118.8
131	93.5	60.5	112.5
166	128.2	89.2	165.8



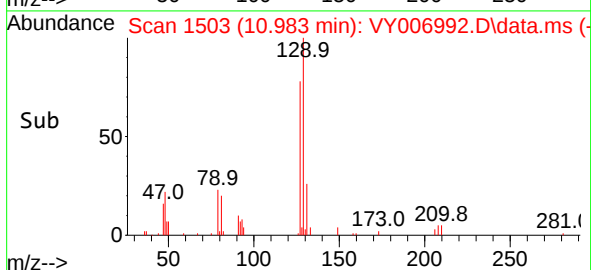
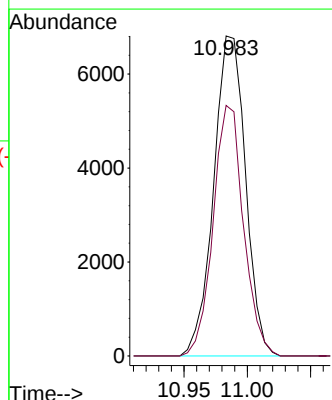
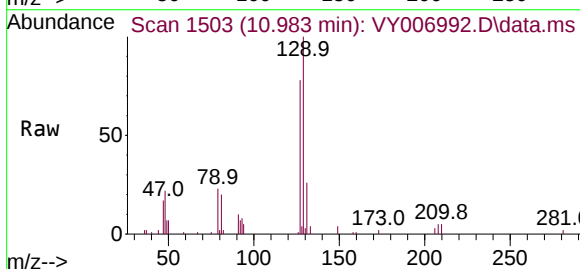


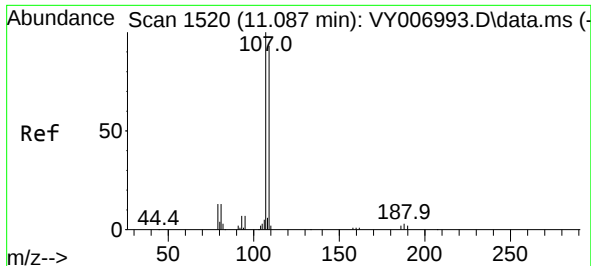
#48
2-Hexanone
Concen: 10.650 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

Instrument :
MSVOA_Y
ClientSampleId :



#49
Dibromochloromethane
Concen: 5.237 ug/L
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23





#50

1,2-Dibromoethane

Concen: 5.306 ug/L

RT: 11.093 min Scan# 1521

Delta R.T. 0.006 min

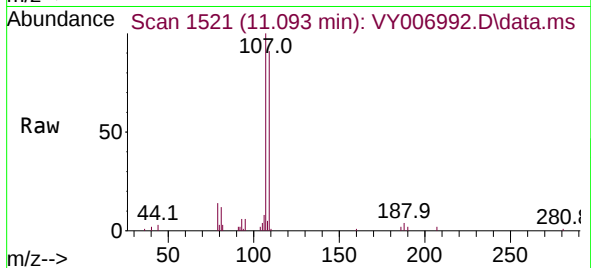
Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

Instrument :

MSVOA_Y

ClientSampleId :



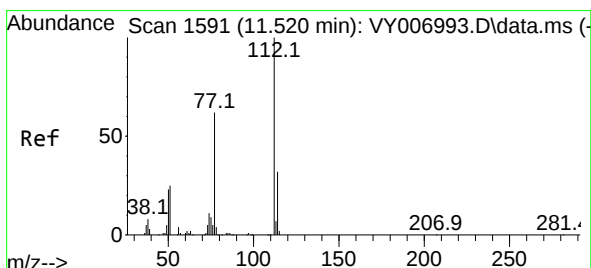
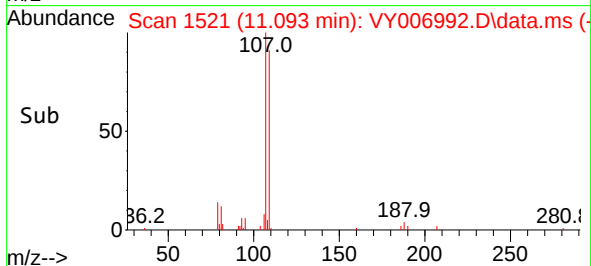
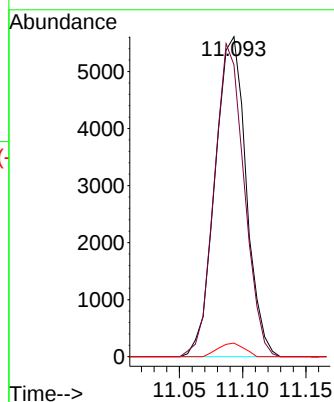
Tgt Ion:107 Resp: 9581

Ion Ratio Lower Upper

107 100

109 91.2 65.5 121.7

188 4.2 2.6 3.8#



#51

Chlorobenzene

Concen: 5.142 ug/L

RT: 11.520 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

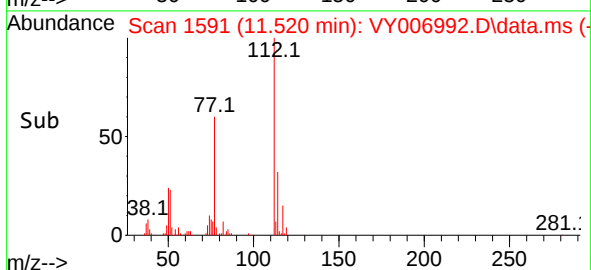
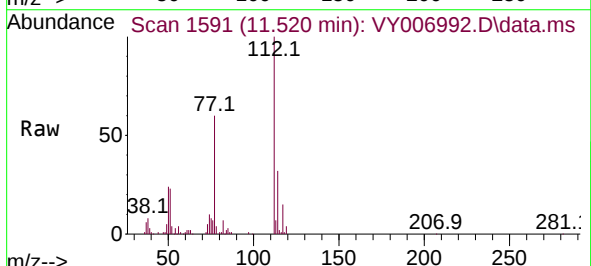
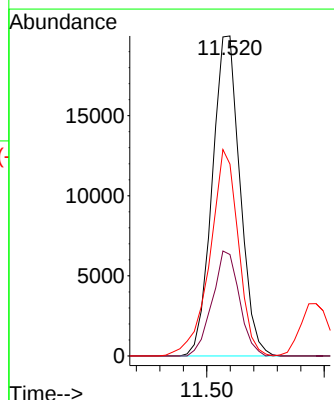
Tgt Ion:112 Resp: 32790

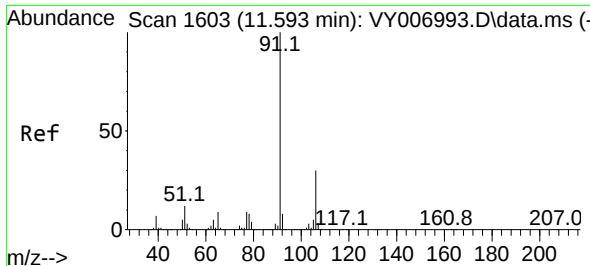
Ion Ratio Lower Upper

112 100

114 31.7 22.3 41.3

77 60.0 49.8 74.8

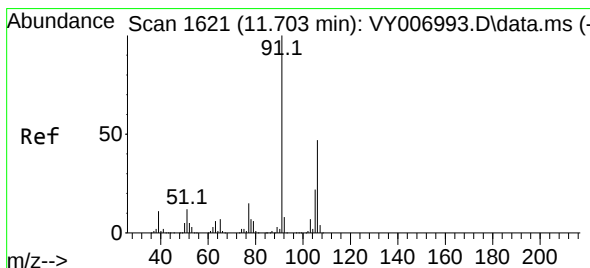
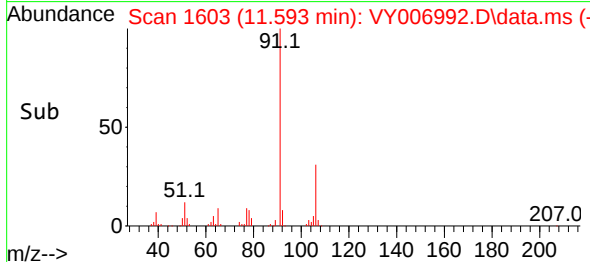
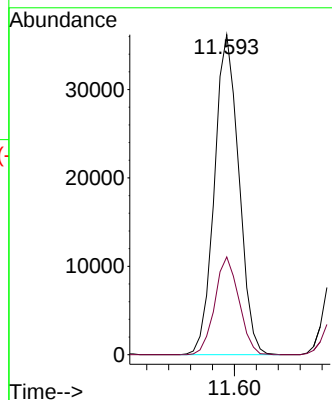
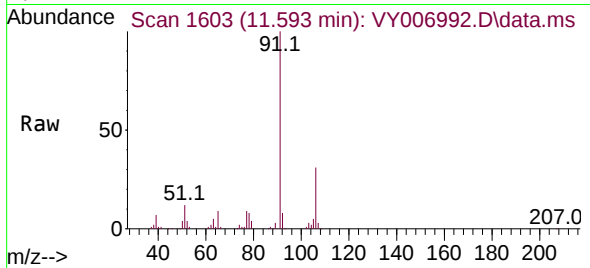




#52
Ethylbenzene
Concen: 4.956 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

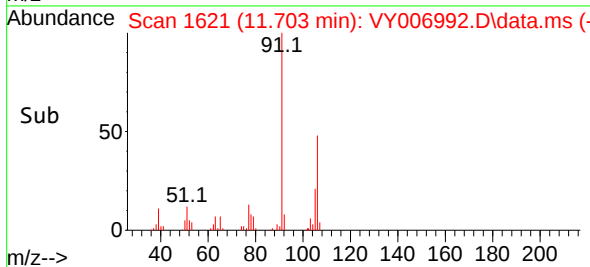
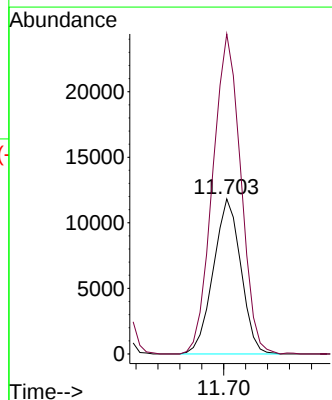
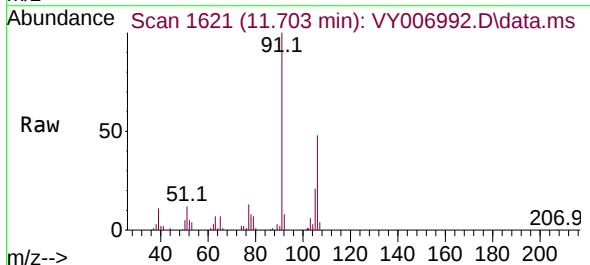
Instrument :
MSVOA_Y
ClientSampleId :

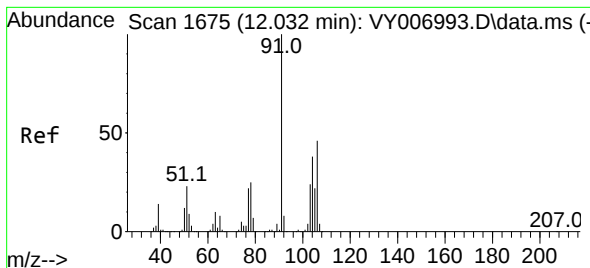
Tgt Ion: 91 Resp: 56035
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.6



#53
m,p-Xylene
Concen: 4.829 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

Tgt Ion: 106 Resp: 20643
Ion Ratio Lower Upper
106 100
91 206.3 148.8 276.4





#54

o-Xylene

Concen: 4.826 ug/L

RT: 12.032 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

Instrument :

MSVOA_Y

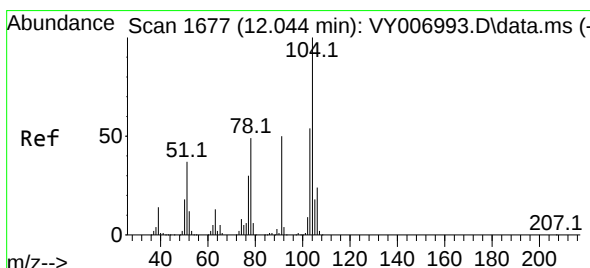
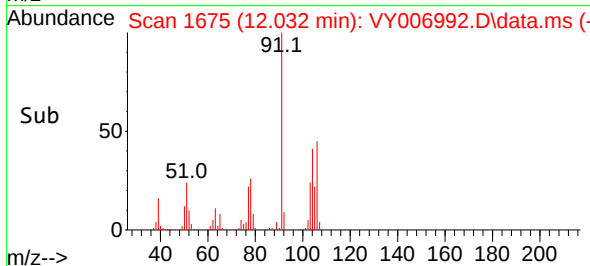
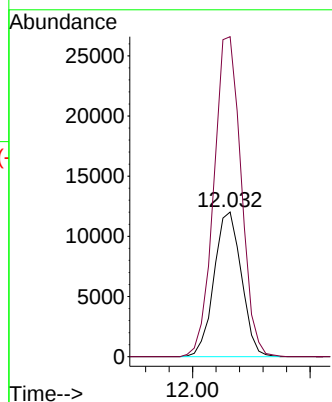
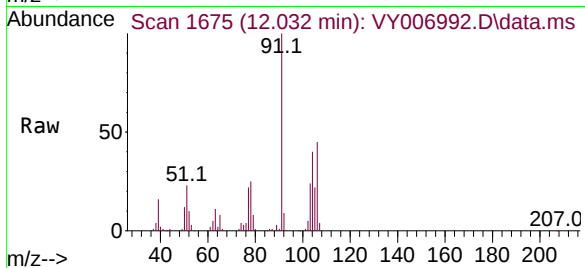
ClientSampleId :

Tgt Ion:106 Resp: 19413

Ion Ratio Lower Upper

106 100

91 221.3 152.0 282.2



#55

Styrene

Concen: 4.747 ug/L

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY006992.D

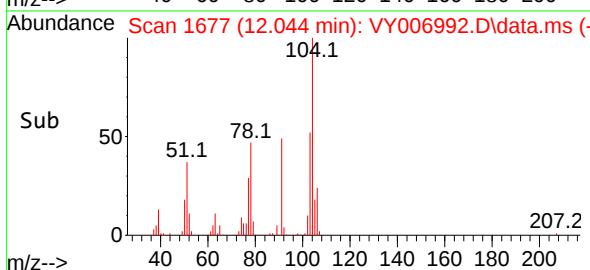
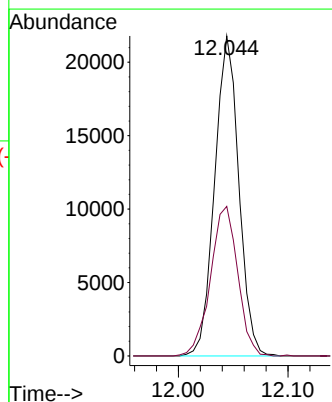
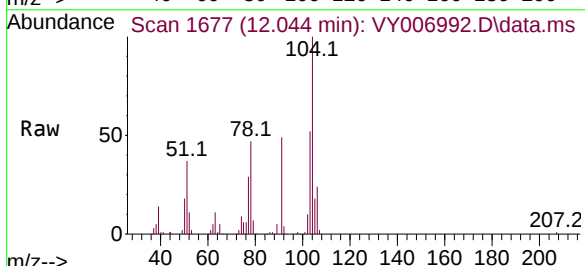
Acq: 07 Dec 2021 12:23

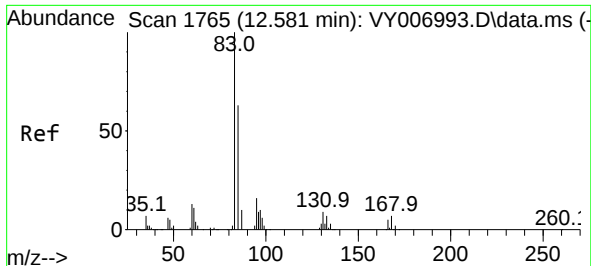
Tgt Ion:104 Resp: 33372

Ion Ratio Lower Upper

104 100

78 46.8 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.823 ug/L

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY006992.D

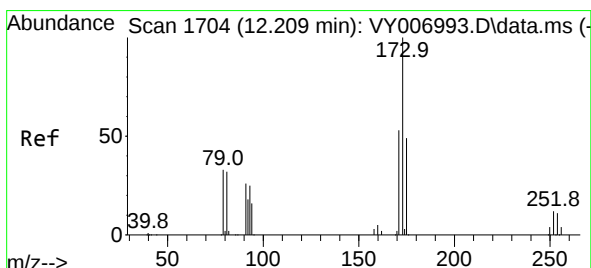
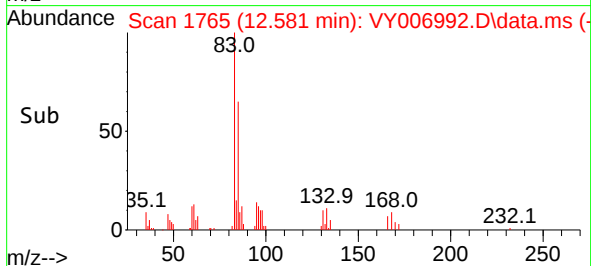
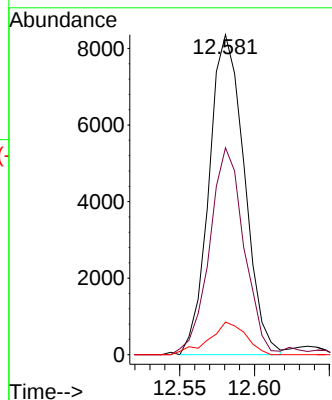
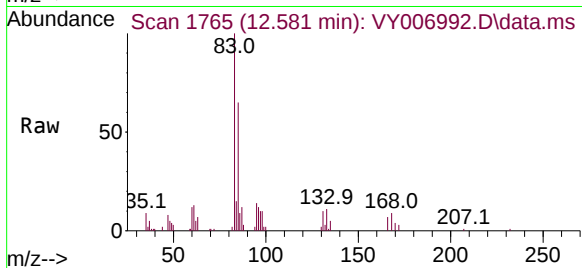
Acq: 07 Dec 2021 12:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	13716
Ion	Ratio	Lower	Upper
83	100		
85	64.7	44.2	82.2
131	10.2	7.4	11.0



#59

Bromoform

Concen: 5.113 ug/L

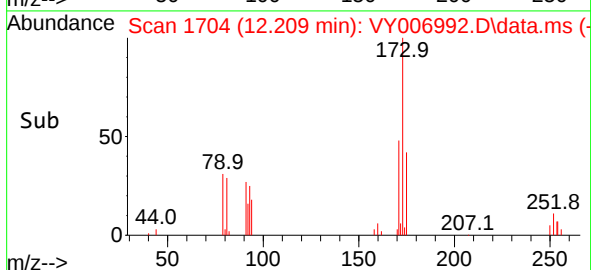
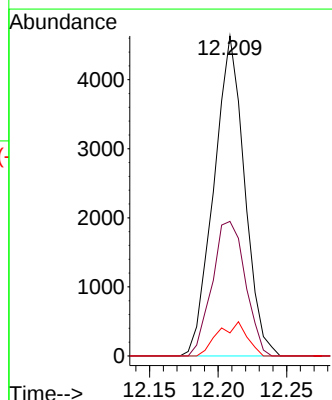
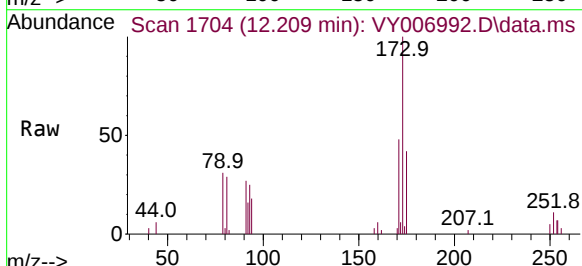
RT: 12.209 min Scan# 1704

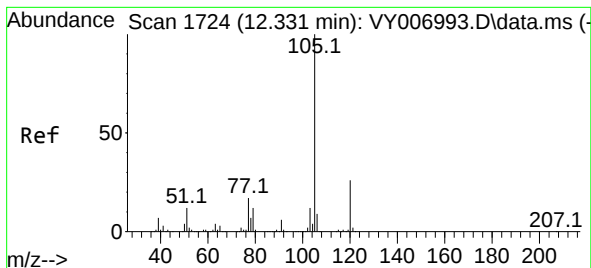
Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

Tgt Ion:	173	Resp:	7201
Ion	Ratio	Lower	Upper
173	100		
175	45.5	39.2	58.8
254	10.1	9.3	13.9





#60

Isopropylbenzene

Concen: 5.106 ug/L

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

Instrument :

MSVOA_Y

ClientSampleId :

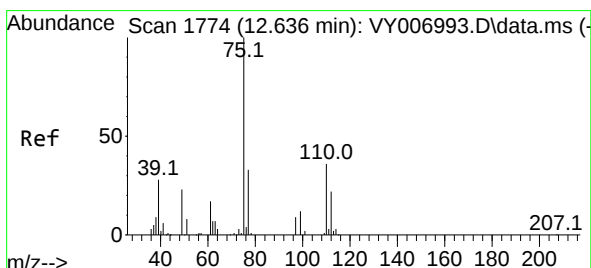
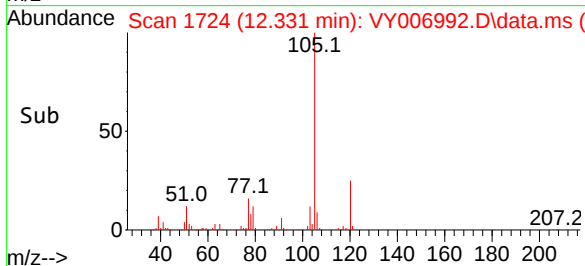
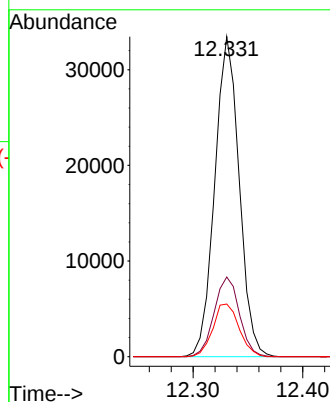
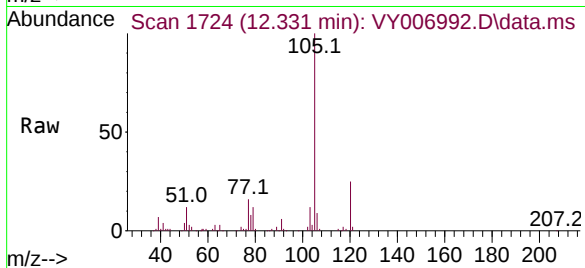
Tgt Ion:105 Resp: 51777

Ion Ratio Lower Upper

105 100

120 25.7 20.7 31.1

77 17.7 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 6.169 ug/L

RT: 12.635 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

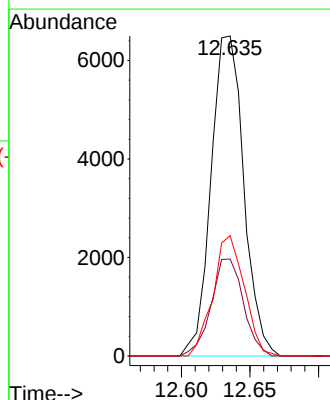
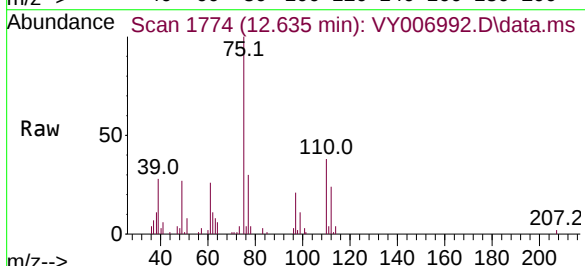
Tgt Ion: 75 Resp: 10786

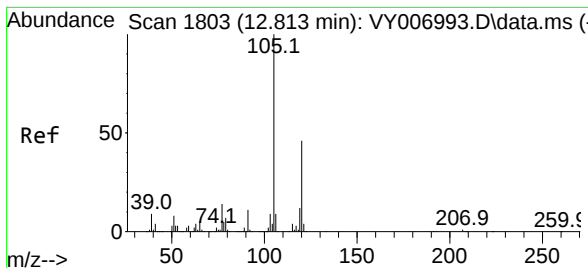
Ion Ratio Lower Upper

75 100

77 29.9 25.3 37.9

110 36.0 28.7 43.1

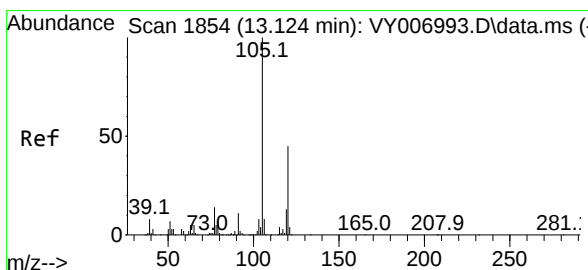
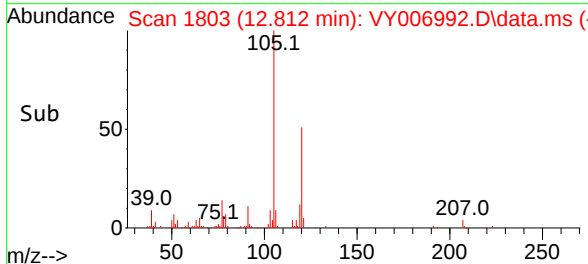
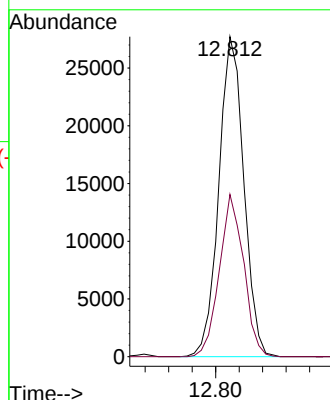
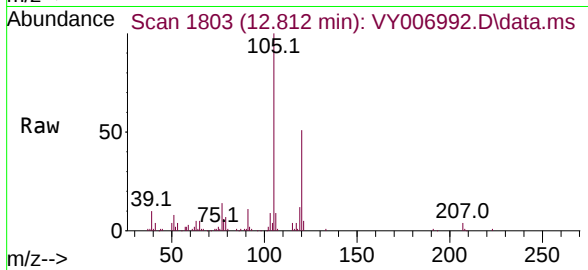




#62
1,3,5-Trimethylbenzene
Concen: 4.922 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

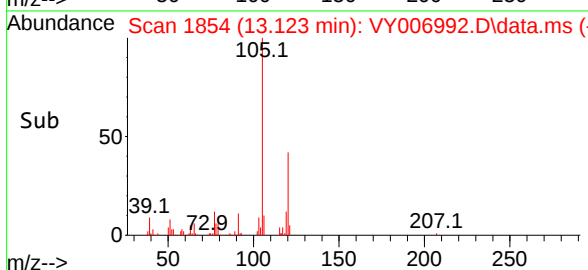
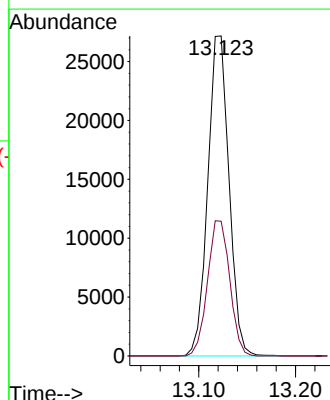
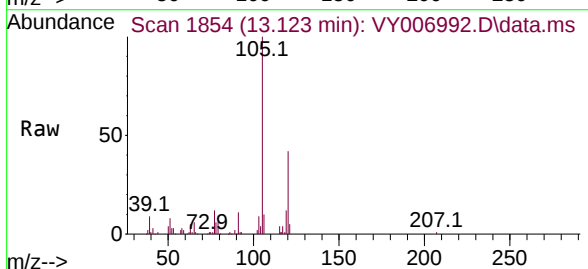
Instrument :
MSVOA_Y
ClientSampleId :

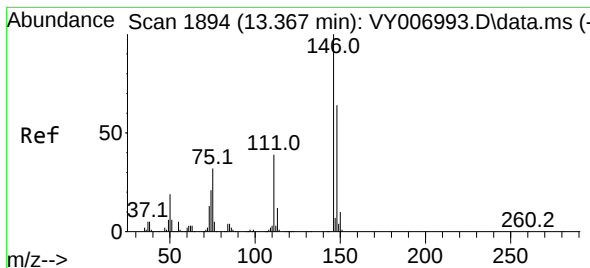
Tgt Ion:105 Resp: 40954
Ion Ratio Lower Upper
105 100
120 49.2 37.4 56.0



#63
1,2,4-Trimethylbenzene
Concen: 4.966 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

Tgt Ion:105 Resp: 41561
Ion Ratio Lower Upper
105 100
120 44.2 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 5.105 ug/L

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

Instrument :

MSVOA_Y

ClientSampleId :

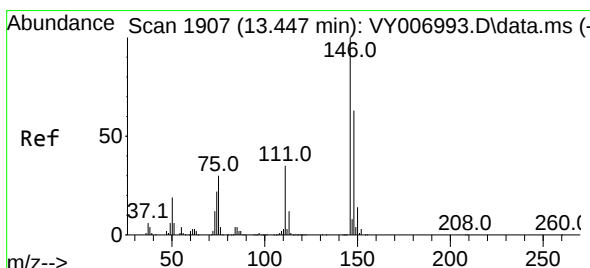
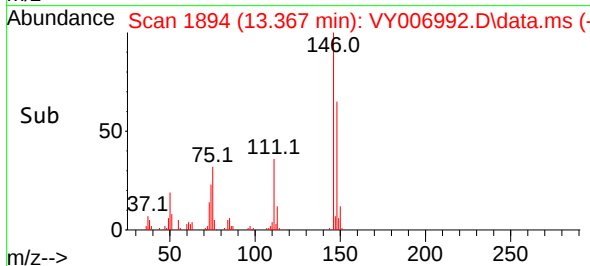
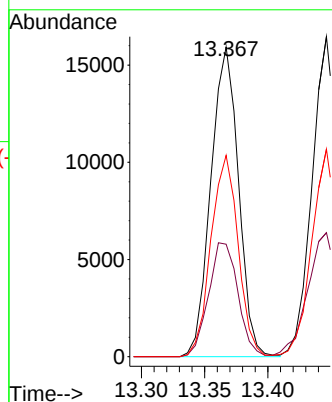
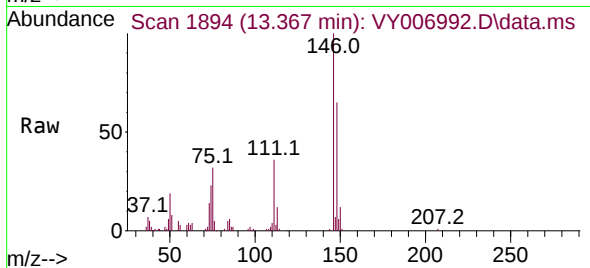
Tgt Ion:146 Resp: 24205

Ion Ratio Lower Upper

146 100

111 36.3 27.2 50.6

148 65.0 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 5.037 ug/L

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

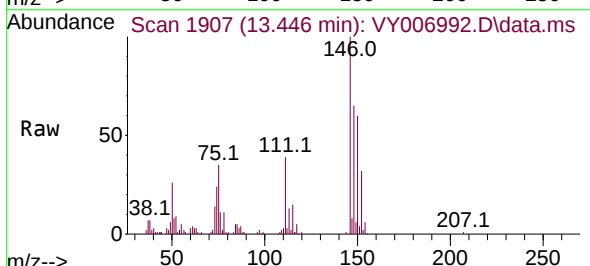
Tgt Ion:146 Resp: 24333

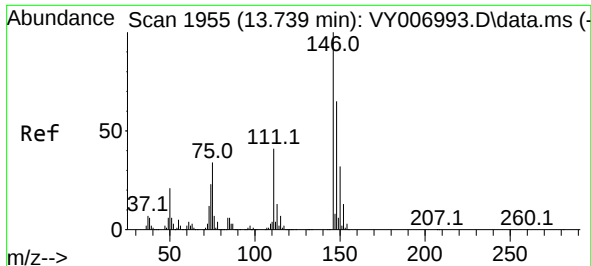
Ion Ratio Lower Upper

146 100

111 38.8 24.6 45.6

148 64.8 44.4 82.4

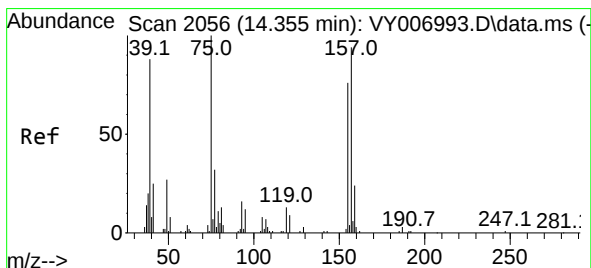
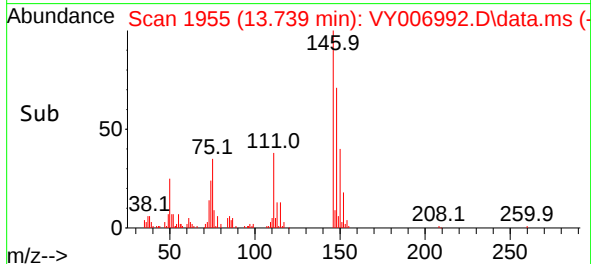
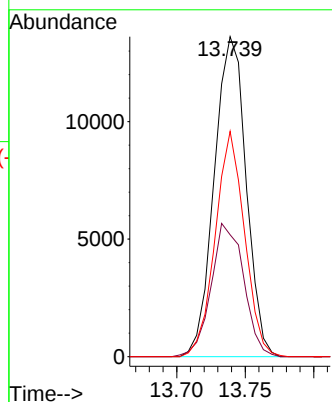
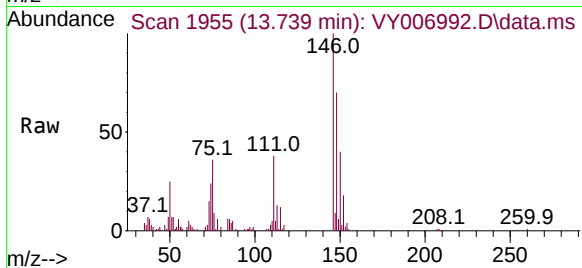




#67
1,2-Dichlorobenzene
Concen: 5.207 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

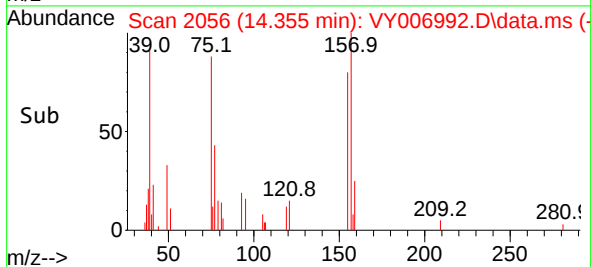
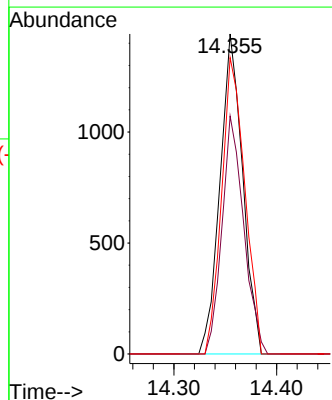
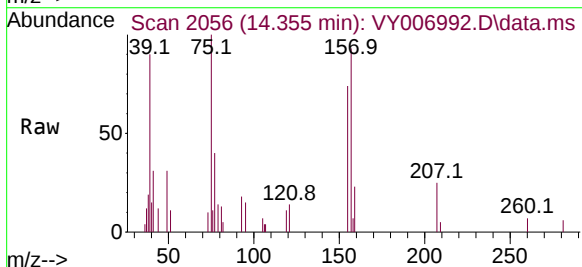
Instrument :
MSVOA_Y
ClientSampleId :

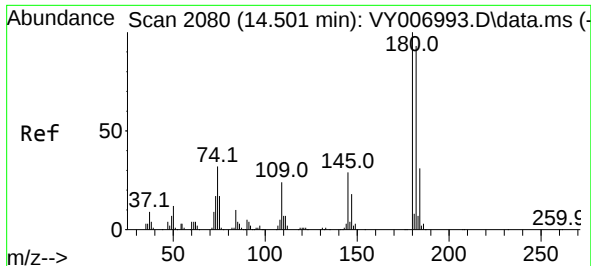
Tgt Ion:146 Resp: 22016
Ion Ratio Lower Upper
146 100
111 38.1 32.8 49.2
148 70.4 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.668 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

Tgt Ion: 75 Resp: 2204
Ion Ratio Lower Upper
75 100
155 74.3 61.0 91.6
157 92.6 75.4 113.2





#69

1,3,5-Trichlorobenzene

Concen: 5.296 ug/L

RT: 14.501 min Scan# 2080

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180 Resp: 16755

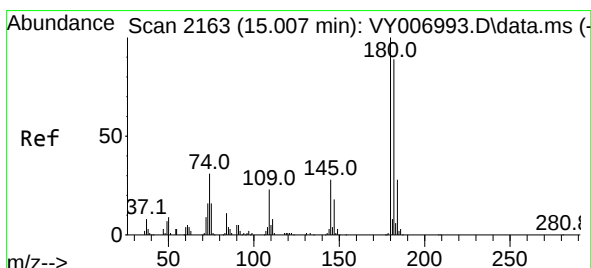
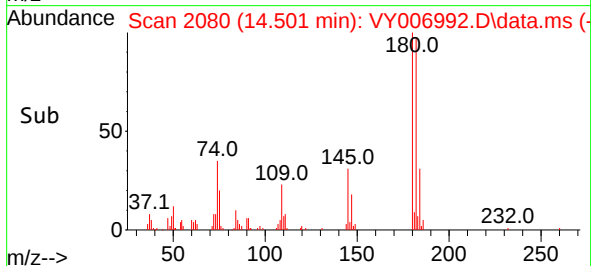
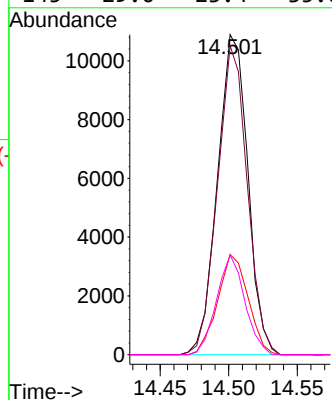
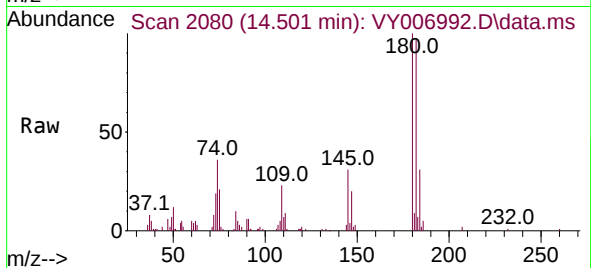
Ion Ratio Lower Upper

180 100

182 94.7 75.5 113.3

184 31.5 24.1 36.1

145 29.0 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 5.144 ug/L

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY006992.D

Acq: 07 Dec 2021 12:23

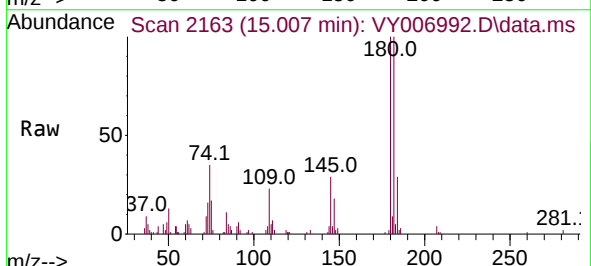
Tgt Ion:180 Resp: 13389

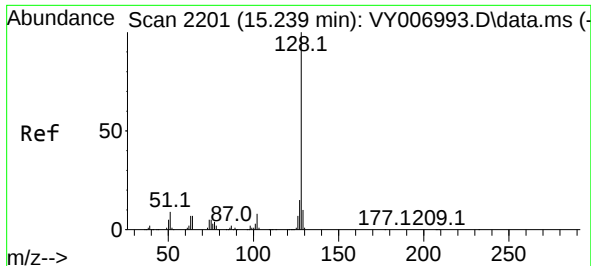
Ion Ratio Lower Upper

180 100

182 96.4 74.6 112.0

145 30.8 22.7 34.1

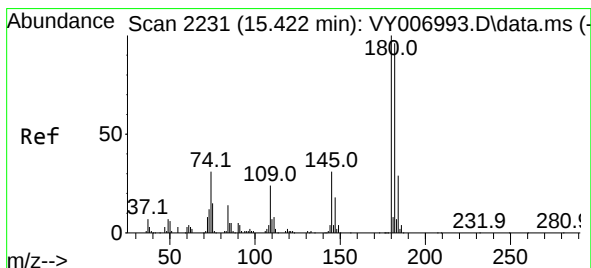
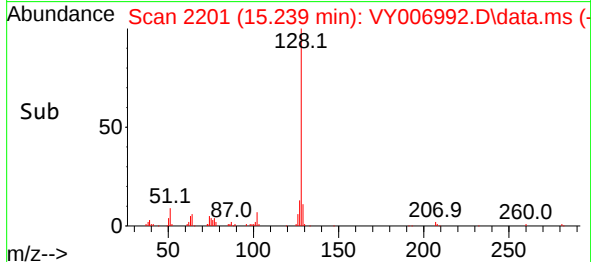
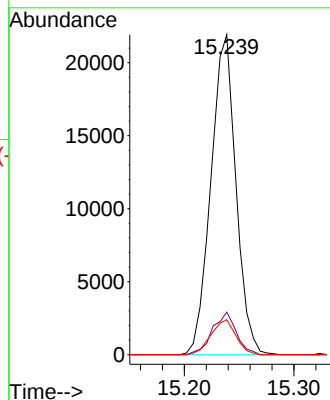
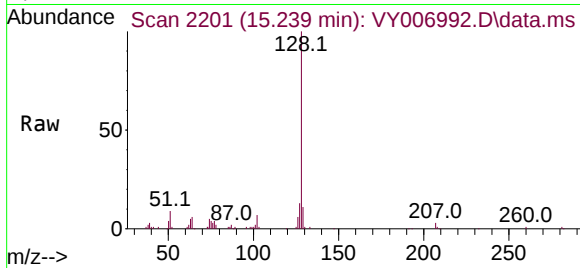




#71
Naphthalene
Concen: 6.564 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 34790
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 6.195 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY006992.D
Acq: 07 Dec 2021 12:23

Tgt Ion:180 Resp: 14221
Ion Ratio Lower Upper
180 100
182 94.6 76.2 114.2
145 31.6 23.7 35.5

