

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY006993.D
 Acq On : 07 Dec 2021 12:47
 Operator : SY/MD
 Sample : VSTD02508
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 08 01:17:08 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	156183	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	146372	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	91721	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	90805	38.902	ug/L	0.00
7) Chloroethane-d5	2.766	69	66162	36.493	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.857	63	130334	29.467	ug/L	0.00
21) 2-Butanone-d5	6.893	46	50449	59.184	ug/L	0.00
24) Chloroform-d	7.484	84	114969	28.020	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.143	65	69075	27.983	ug/L	0.00
32) Benzene-d6	8.112	84	223975	27.581	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	75846	28.991	ug/L	0.00
41) Toluene-d8	10.179	98	205733	27.231	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.441	79	35841	28.733	ug/L	0.00
47) 2-Hexanone-d5	10.789	63	38594	61.875	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.563	84	67181	30.336	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.721	152	77005	25.192	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	21192	21.208	ug/L	92
3) Chloromethane	2.113	50	59891	29.781	ug/L	100
5) Vinyl chloride	2.260	62	105534	34.481	ug/L	100
6) Bromomethane	2.662	94	62237	33.588	ug/L	100
8) Chloroethane	2.802	64	63397	34.490	ug/L	100
9) Trichlorofluoromethane	3.125	101	68739	31.931	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.900	101	57153	28.390	ug/L	100
12) 1,1-Dichloroethene	3.869	96	57662	26.890	ug/L	100
13) Acetone	3.954	43	43819	57.208	ug/L	100
14) Carbon disulfide	4.192	76	190269	26.919	ug/L	100
15) Methyl Acetate	4.485	43	48870	29.430	ug/L	100
16) Methylene chloride	4.710	84	72766	25.212	ug/L	100
17) trans-1,2-Dichloroethene	5.222	96	63024	27.376	ug/L	100
18) Methyl tert-butyl Ether	5.222	73	126293	29.802	ug/L	100
19) 1,1-Dichloroethane	6.021	63	128243	29.112	ug/L	100
20) cis-1,2-Dichloroethene	6.990	96	67122	27.268	ug/L	100
22) 2-Butanone	6.990	43	66054	61.208	ug/L	100
23) Bromochloromethane	7.332	128	30180	26.982	ug/L	100
25) Chloroform	7.509	83	122950	28.034	ug/L	100
27) 1,2-Dichloroethane	8.240	62	90963	28.566	ug/L	100
29) Cyclohexane	7.789	56	119951	28.494	ug/L	100
30) 1,1,1-Trichloroethane	7.704	97	102311	27.182	ug/L	100
31) Carbon tetrachloride	7.905	117	92794	26.175	ug/L	100
33) Benzene	8.161	78	278616	27.716	ug/L	100
34) Trichloroethene	8.941	95	66457	27.044	ug/L	100
35) Methylcyclohexane	9.185	83	117582	26.812	ug/L	100
37) 1,2-Dichloropropane	9.222	63	77892	29.493	ug/L	100
38) Bromodichloromethane	9.502	83	95702	28.462	ug/L	100
39) cis-1,3-Dichloropropene	9.929	75	116350	28.515	ug/L	100
40) 4-Methyl-2-pentanone	10.075	43	149249	63.007	ug/L	100
42) Toluene	10.246	91	297130	27.845	ug/L	100
44) trans-1,3-Dichloropropene	10.465	75	110808	28.988	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY006993.D
 Acq On : 07 Dec 2021 12:47
 Operator : SY/MD
 Sample : VSTD02508
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 08 01:17:08 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)

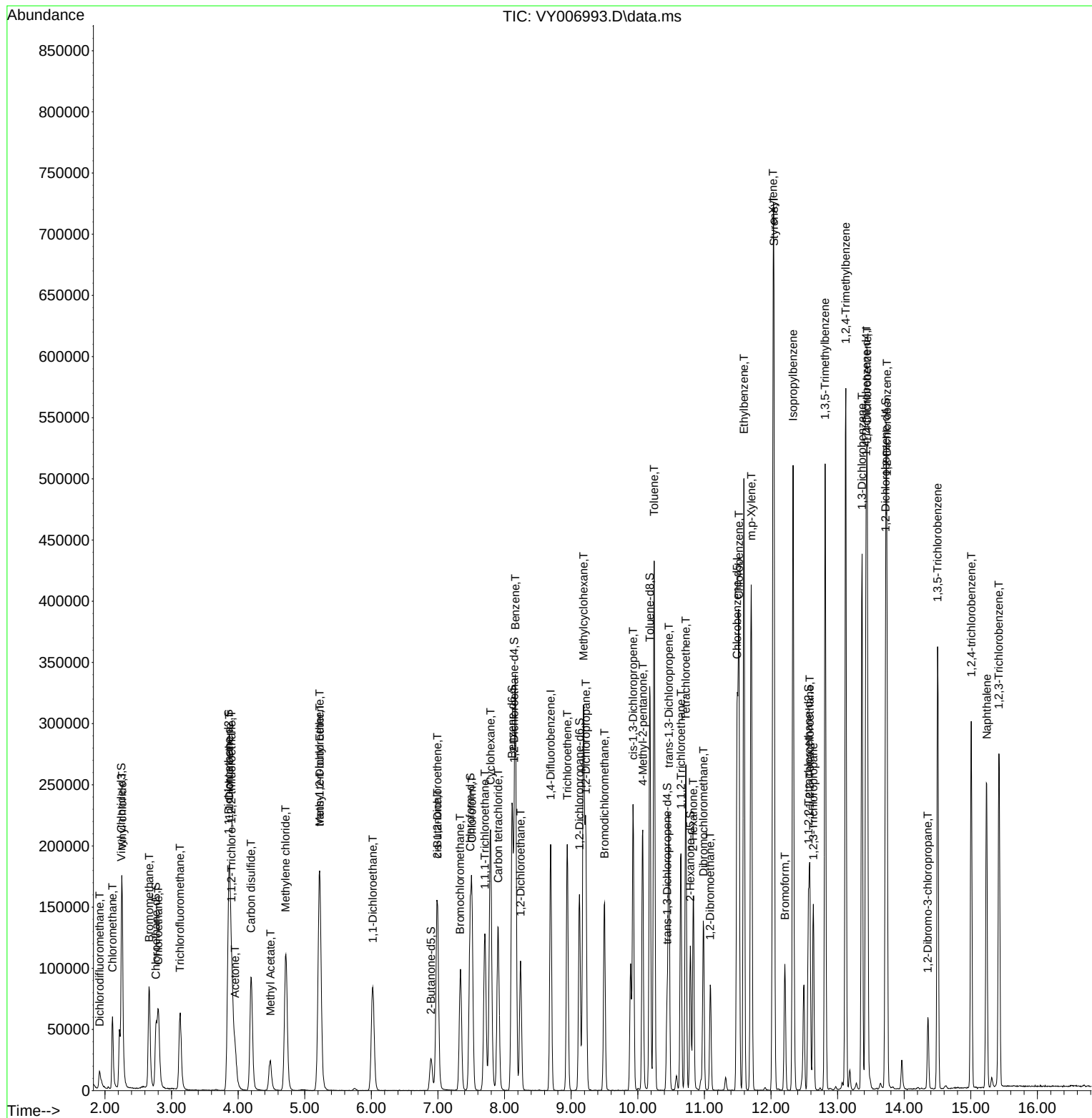
45) 1,1,2-Trichloroethane	10.648	97	55426	28.790	ug/L	100
46) Tetrachloroethene	10.721	164	50537	25.223	ug/L	100
48) 2-Hexanone	10.831	43	105694	66.564	ug/L	100
49) Dibromochloromethane	10.984	129	63829	27.660	ug/L	100
50) 1,2-Dibromoethane	11.087	107	53023	29.031	ug/L	100
51) Chlorobenzene	11.520	112	174141	26.994	ug/L	100
52) Ethylbenzene	11.593	91	318380	27.835	ug/L	100
53) m,p-Xylene	11.703	106	118398	27.378	ug/L	100
54) o-Xylene	12.032	106	113453	27.881	ug/L	100
55) Styrene	12.044	104	201480	28.333	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.581	83	75206	31.563	ug/L	100
59) Bromoform	12.209	173	40866	22.601	ug/L	100
60) Isopropylbenzene	12.331	105	303064	23.278	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	57332	25.539	ug/L	100
62) 1,3,5-Trimethylbenzene	12.813	105	247461	23.165	ug/L	100
63) 1,2,4-Trimethylbenzene	13.124	105	285334	26.554	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	163542	26.864	ug/L	100
65) 1,4-Dichlorobenzene	13.447	146	164303	26.489	ug/L	100
67) 1,2-Dichlorobenzene	13.739	146	143614	26.455	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.355	75	13649	27.339	ug/L	100
69) 1,3,5-Trichlorobenzene	14.501	180	100884	24.839	ug/L	100
70) 1,2,4-trichlorobenzene	15.007	180	88389	26.448	ug/L	100
71) Naphthalene	15.239	128	191399	28.129	ug/L	100
72) 1,2,3-Trichlorobenzene	15.422	180	89672	30.426	ug/L	100

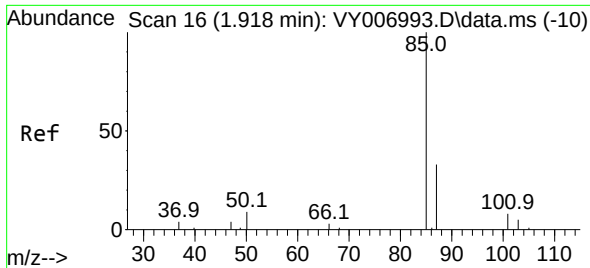
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY006993.D
 Acq On : 07 Dec 2021 12:47
 Operator : SY/MD
 Sample : VSTD02508
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 08 01:17:08 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

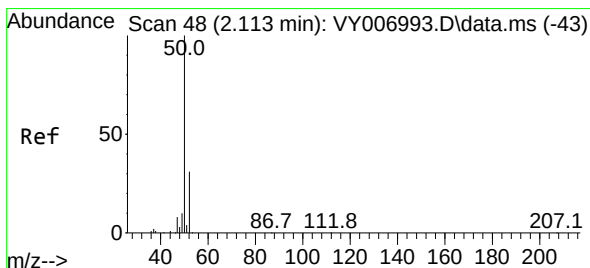
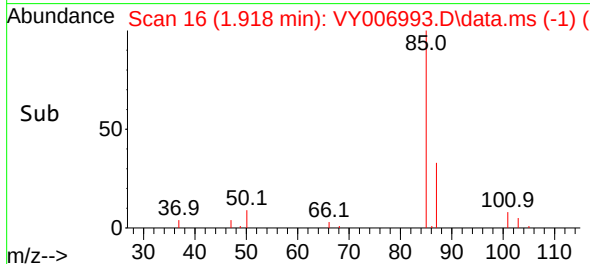
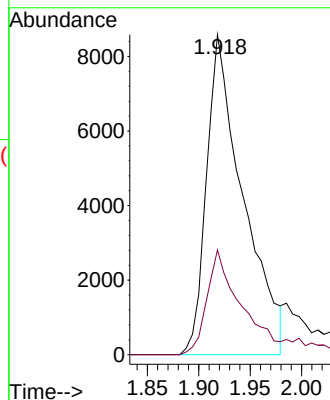
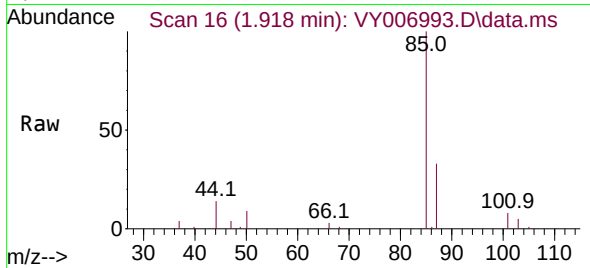




#2
 Dichlorodifluoromethane
 Concen: 21.208 ug/L
 RT: 1.918 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: VY006993.D
 Acq: 07 Dec 2021 12:47

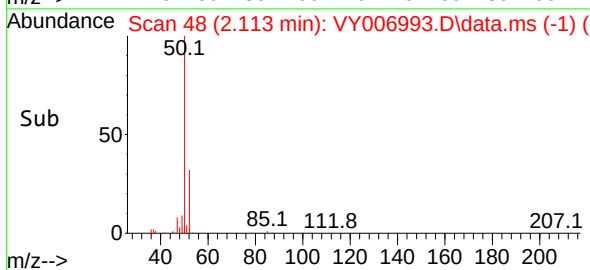
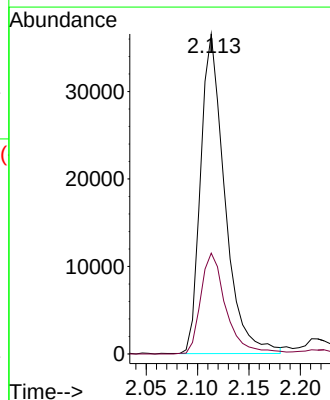
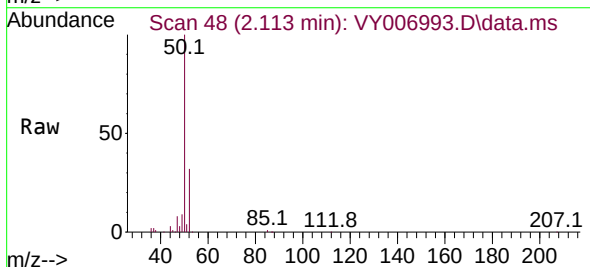
Instrument :
 MSVOA_Y
 ClientSampleId :

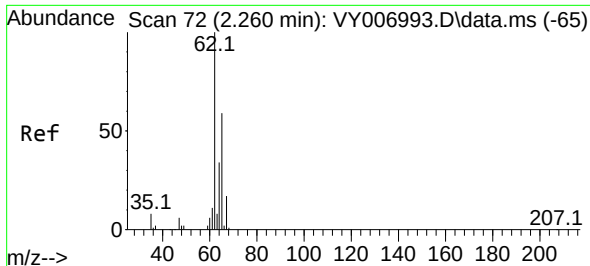
Tgt Ion: 85 Resp: 21192
 Ion Ratio Lower Upper
 85 100
 87 30.6 21.2 31.8



#3
 Chloromethane
 Concen: 29.781 ug/L
 RT: 2.113 min Scan# 48
 Delta R.T. 0.000 min
 Lab File: VY006993.D
 Acq: 07 Dec 2021 12:47

Tgt Ion: 50 Resp: 59891
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.0 41.0

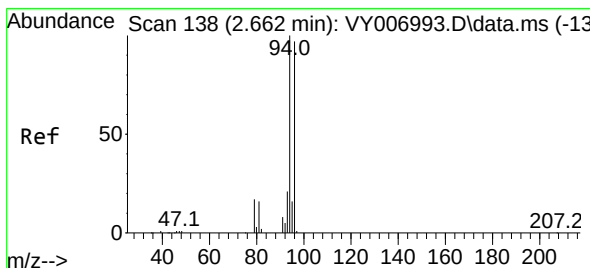
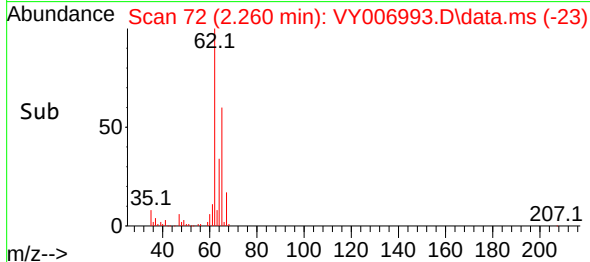
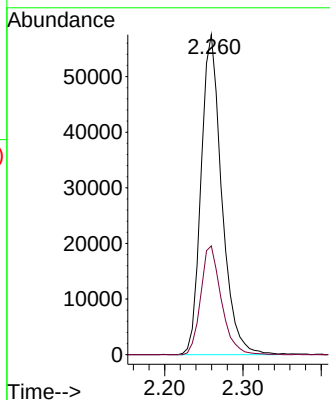
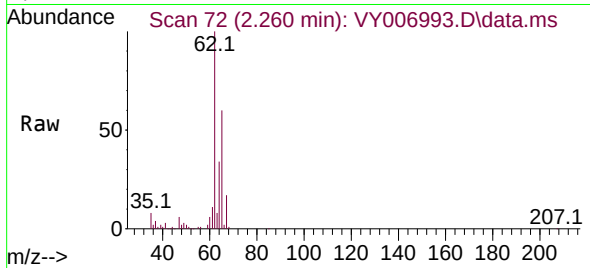




#5
 Vinyl chloride
 Concen: 34.481 ug/L
 RT: 2.260 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: VY006993.D
 Acq: 07 Dec 2021 12:47

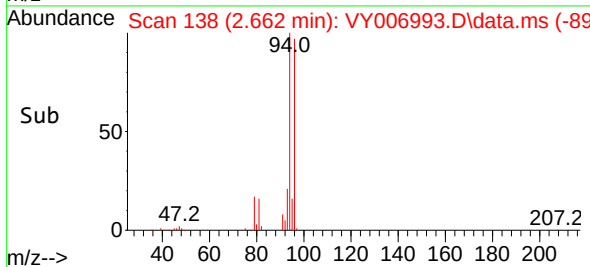
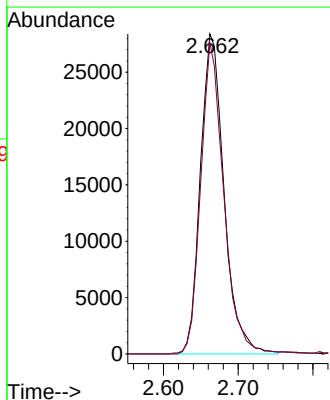
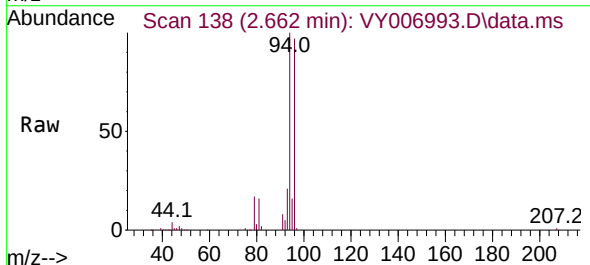
Instrument :
 MSVOA_Y
 ClientSampleId :

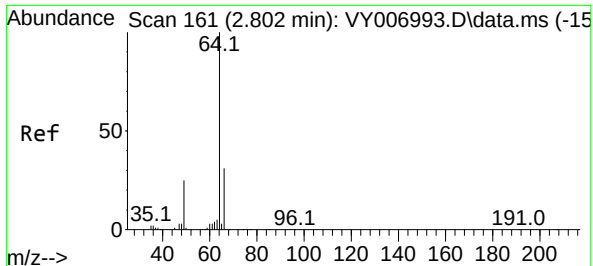
Tgt Ion: 62 Resp: 105534
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.8 44.2



#6
 Bromomethane
 Concen: 33.588 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VY006993.D
 Acq: 07 Dec 2021 12:47

Tgt Ion: 94 Resp: 62237
 Ion Ratio Lower Upper
 94 100
 96 97.2 68.0 126.4

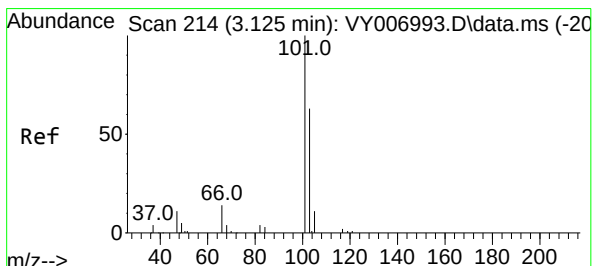
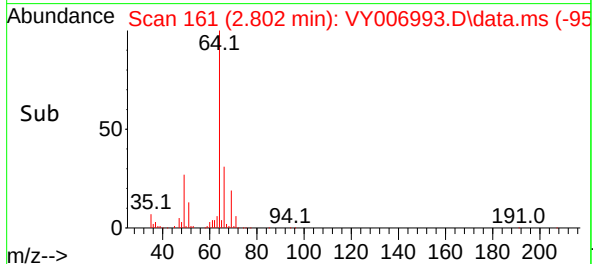
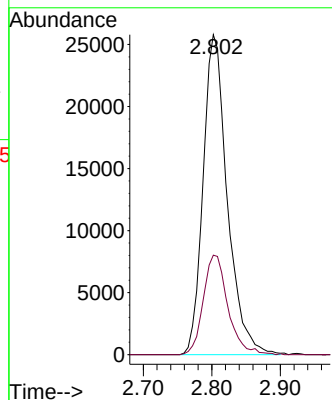
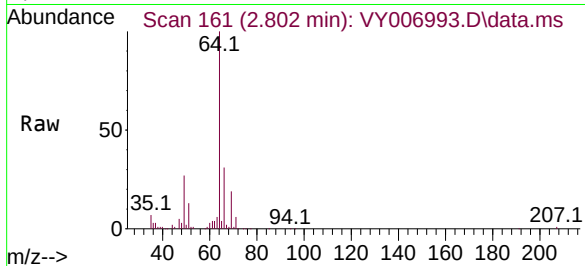




#8
Chloroethane
Concen: 34.490 ug/L
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

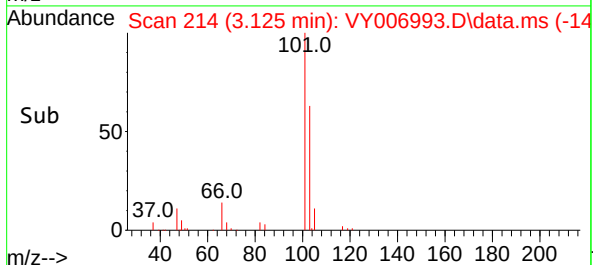
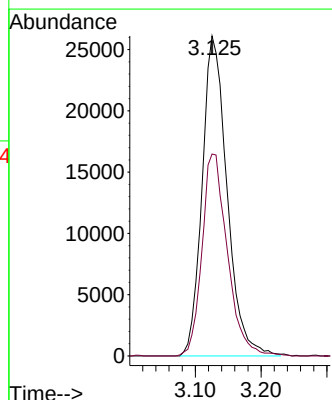
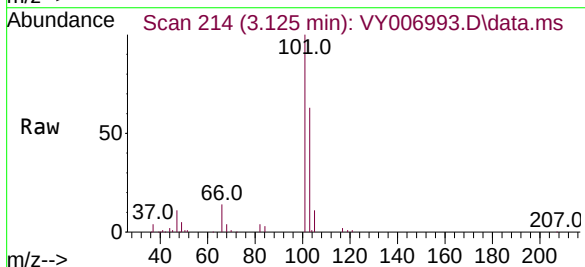
Instrument :
MSVOA_Y
ClientSampleId :

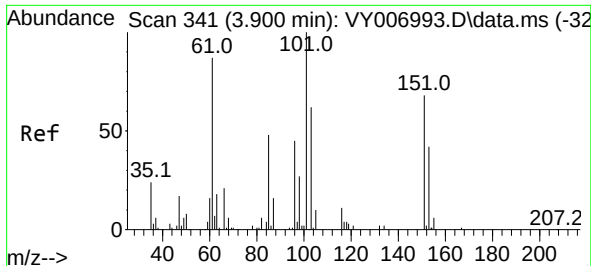
Tgt Ion: 64 Resp: 63397
Ion Ratio Lower Upper
64 100
66 31.1 21.8 40.4



#9
Trichlorofluoromethane
Concen: 31.931 ug/L
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

Tgt Ion:101 Resp: 68739
Ion Ratio Lower Upper
101 100
103 63.9 51.1 76.7

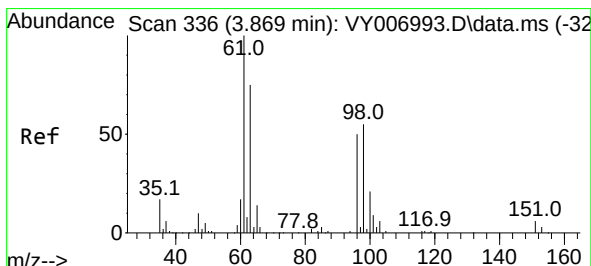
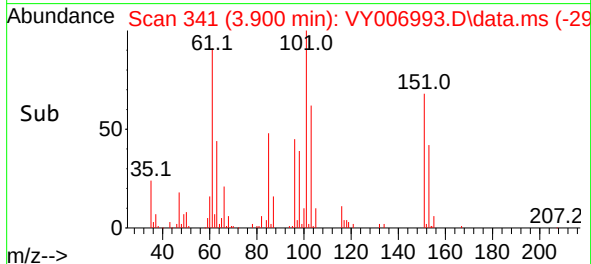
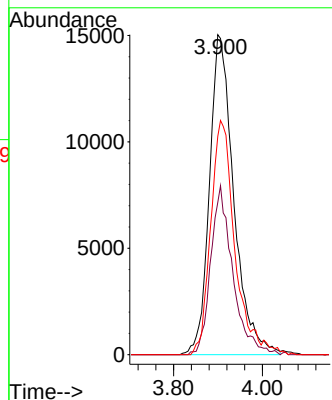
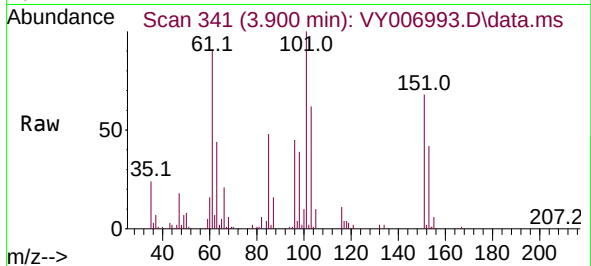




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.390 ug/L
 RT: 3.900 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VY006993.D
 Acq: 07 Dec 2021 12:47

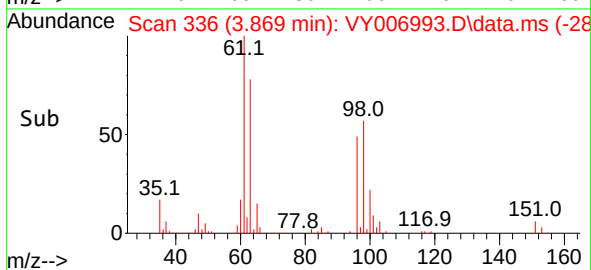
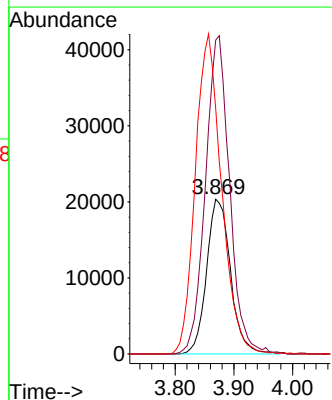
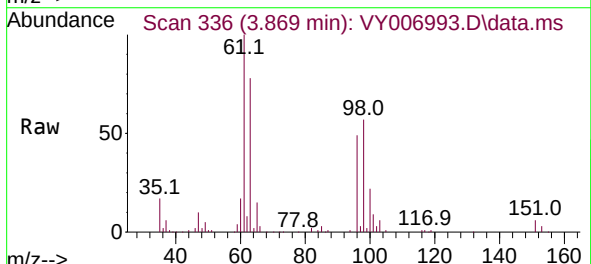
Instrument :
 MSVOA_Y
 ClientSampleId :

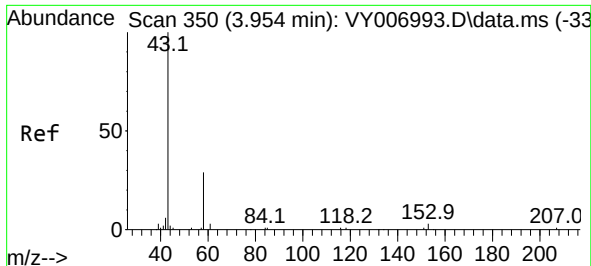
Tgt Ion:101	Resp:	57153
Ion Ratio	Lower	Upper
101	100	
85	43.3	34.6 52.0
151	68.7	55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 26.890 ug/L
 RT: 3.869 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VY006993.D
 Acq: 07 Dec 2021 12:47

Tgt Ion: 96	Resp:	57662
Ion Ratio	Lower	Upper
96	100	
61	202.9	142.0 263.8
63	158.4	110.9 205.9





#13

Acetone

Concen: 57.208 ug/L

RT: 3.954 min Scan# 31

Delta R.T. 0.000 min

Lab File: VY006993.D

Acq: 07 Dec 2021 12:47

Instrument :

MSVOA_Y

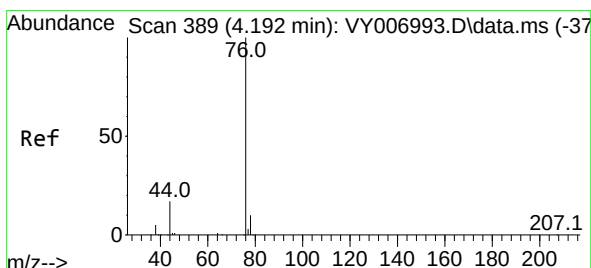
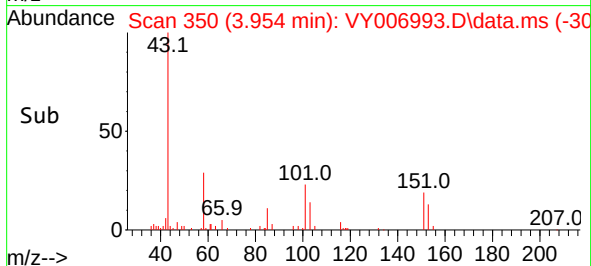
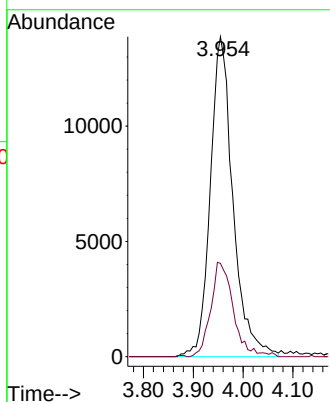
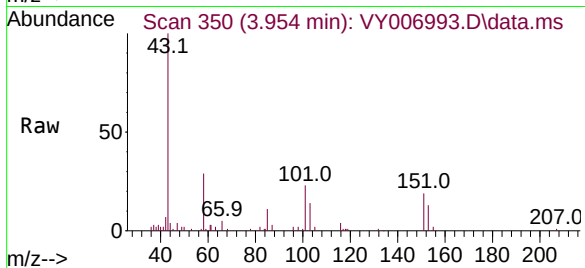
ClientSampleId :

Tgt Ion: 43 Resp: 43819

Ion Ratio Lower Upper

43 100

58 28.2 0.0 56.4



#14

Carbon disulfide

Concen: 26.919 ug/L

RT: 4.192 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY006993.D

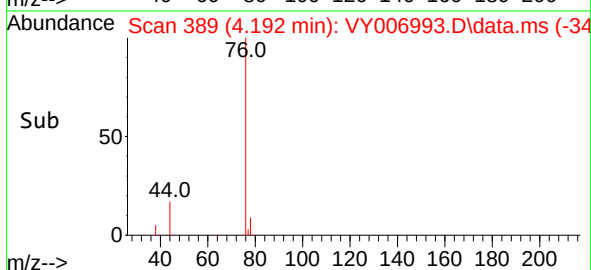
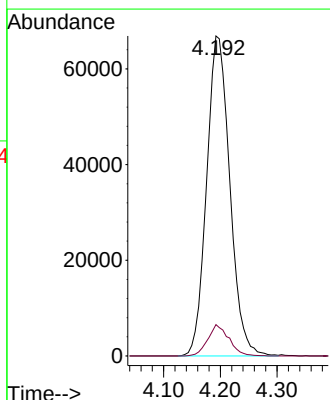
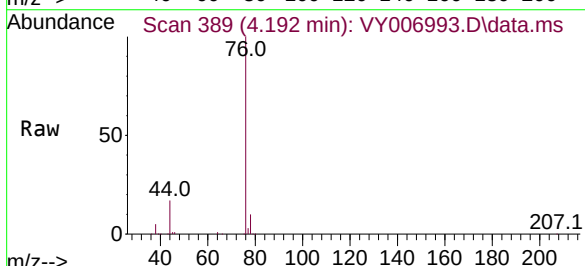
Acq: 07 Dec 2021 12:47

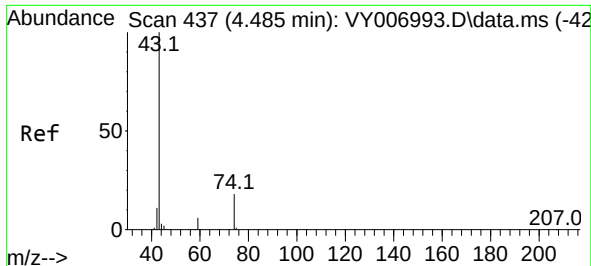
Tgt Ion: 76 Resp: 190269

Ion Ratio Lower Upper

76 100

78 9.8 7.8 11.8

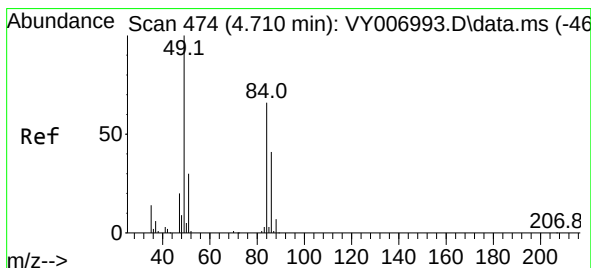
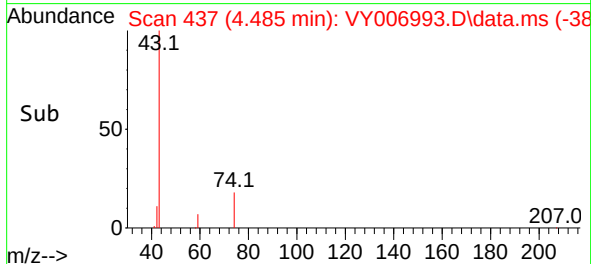
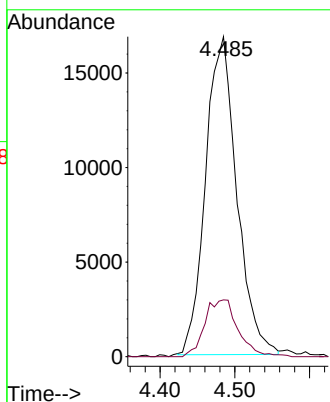
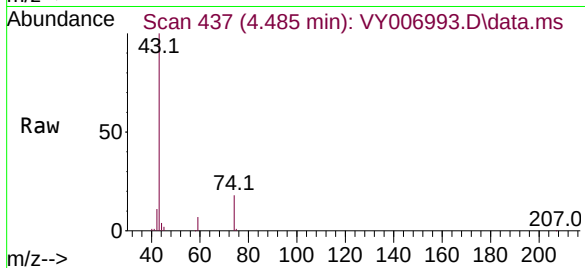




#15
Methyl Acetate
Concen: 29.430 ug/L
RT: 4.485 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

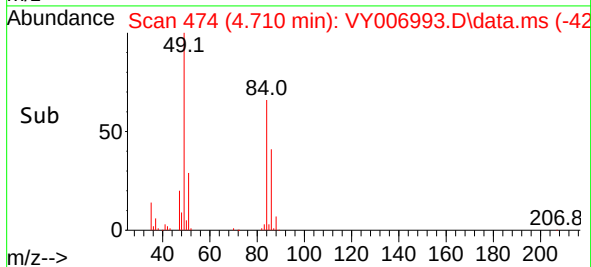
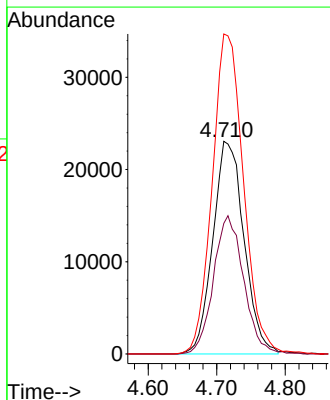
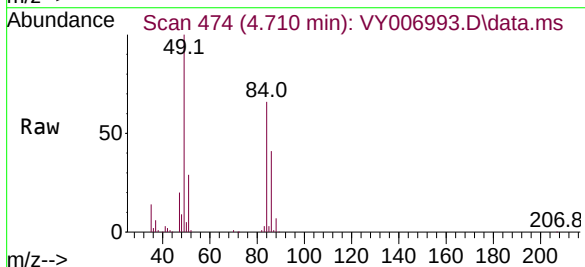
Instrument :
MSVOA_Y
ClientSampleId :

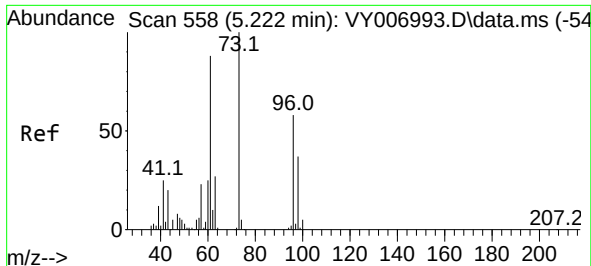
Tgt Ion: 43 Resp: 48870
Ion Ratio Lower Upper
43 100
74 7.1 5.6 8.4



#16
Methylene chloride
Concen: 25.212 ug/L
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

Tgt Ion: 84 Resp: 72766
Ion Ratio Lower Upper
84 100
86 61.4 43.0 79.8
49 150.5 105.3 195.6





#17

trans-1,2-Dichloroethene

Concen: 27.376 ug/L

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY006993.D

Acq: 07 Dec 2021 12:47

Instrument :

MSVOA_Y

ClientSampleId :

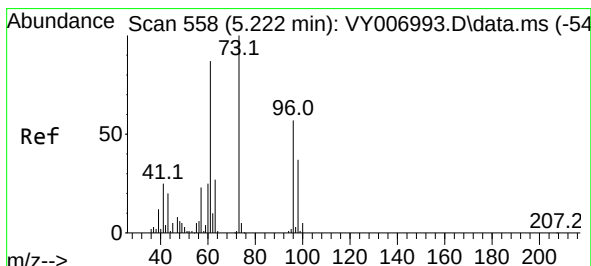
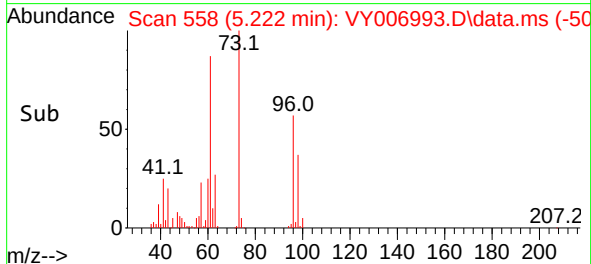
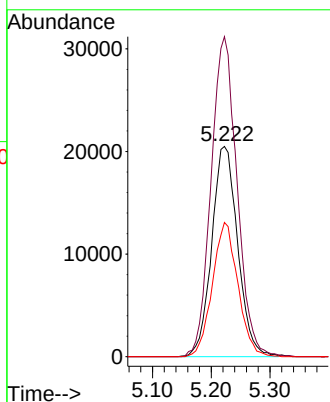
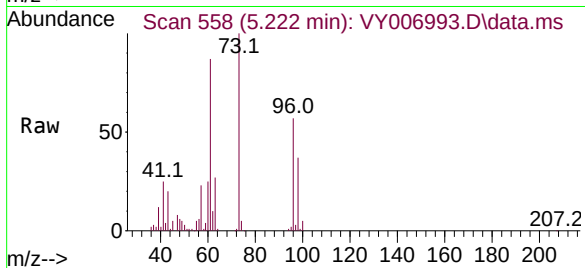
Tgt Ion: 96 Resp: 63024

Ion Ratio Lower Upper

96 100

61 152.2 106.5 197.9

98 63.8 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 29.802 ug/L

RT: 5.222 min Scan# 558

Delta R.T. 0.000 min

Lab File: VY006993.D

Acq: 07 Dec 2021 12:47

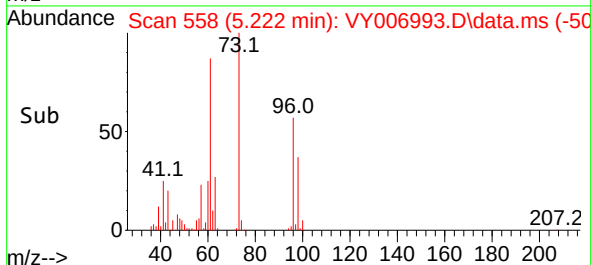
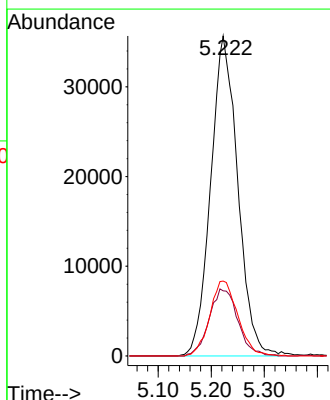
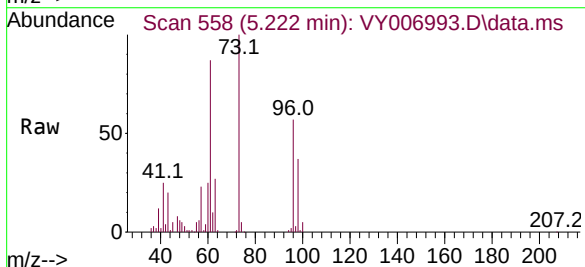
Tgt Ion: 73 Resp: 126293

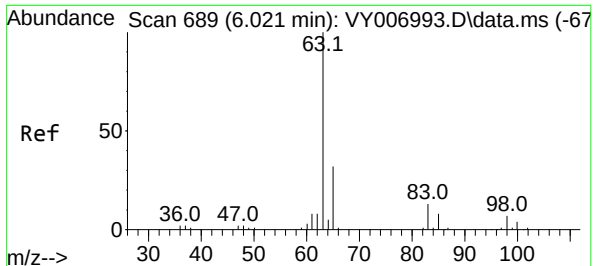
Ion Ratio Lower Upper

73 100

43 22.1 17.7 26.5

57 24.3 19.4 29.2





#19

1,1-Dichloroethane

Concen: 29.112 ug/L

RT: 6.021 min Scan# 61

Delta R.T. 0.000 min

Lab File: VY006993.D

Acq: 07 Dec 2021 12:47

Instrument :

MSVOA_Y

ClientSampleId :

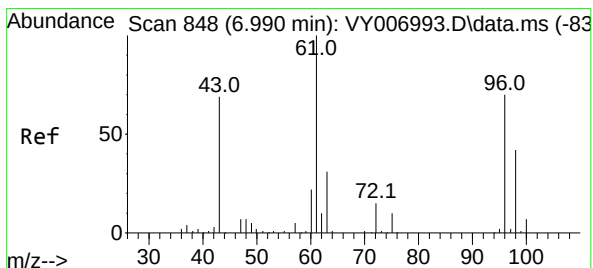
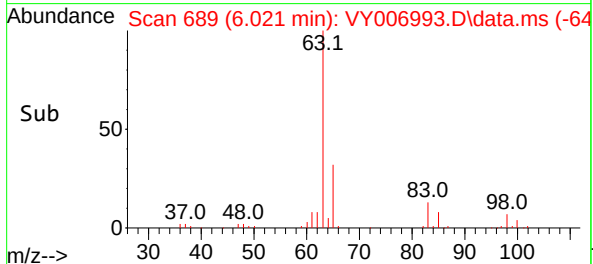
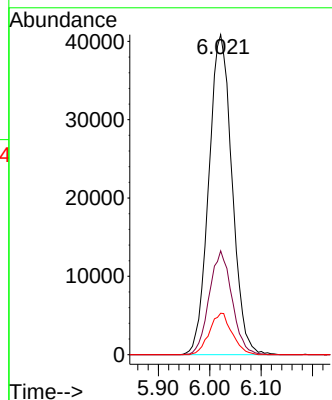
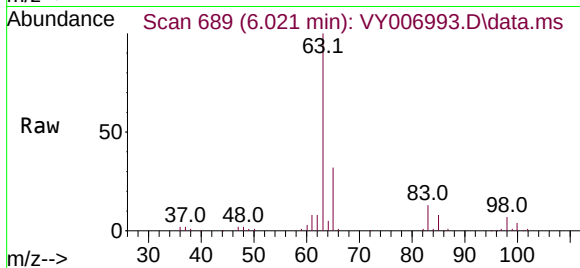
Tgt Ion: 63 Resp: 128243

Ion Ratio Lower Upper

63 100

65 32.4 22.7 42.1

83 13.0 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 27.268 ug/L

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY006993.D

Acq: 07 Dec 2021 12:47

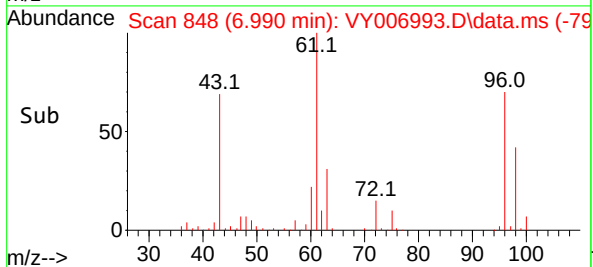
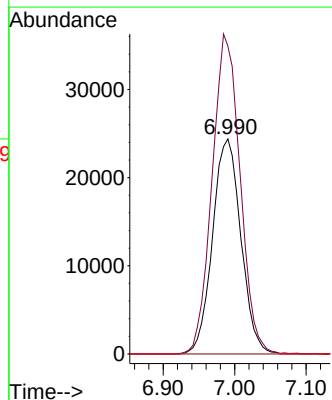
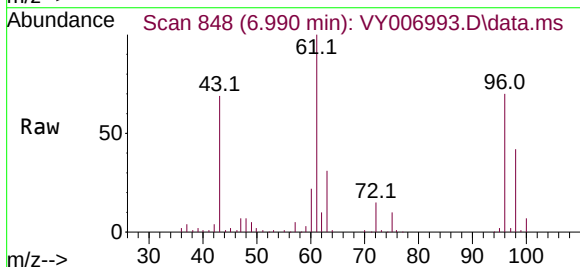
Tgt Ion: 96 Resp: 67122

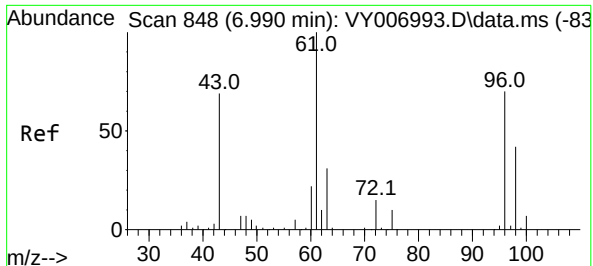
Ion Ratio Lower Upper

96 100

61 143.1 100.2 186.0

68 0.0 0.0 0.0

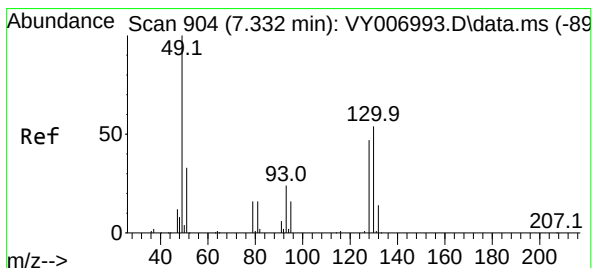
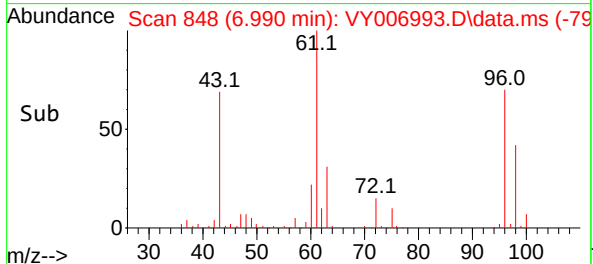
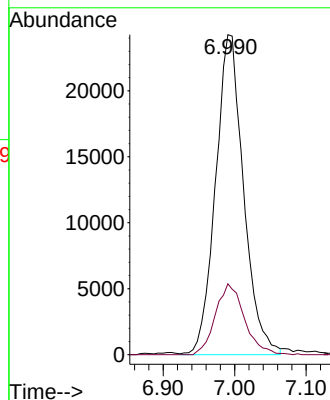
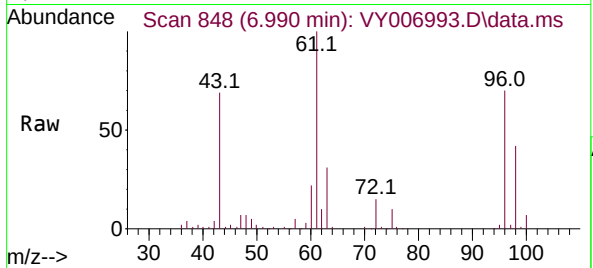




#22
2-Butanone
Concen: 61.208 ug/L
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

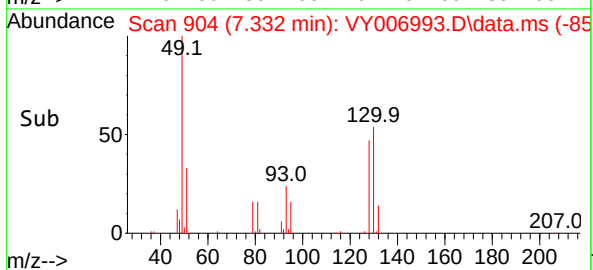
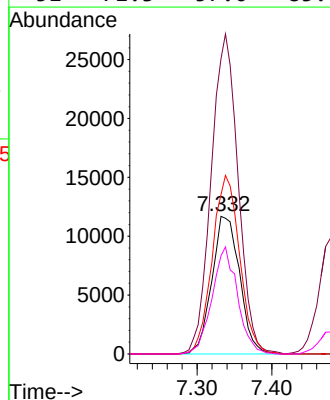
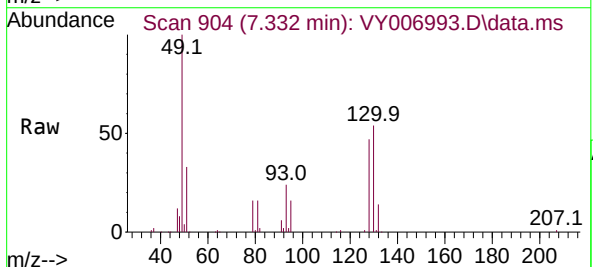
Instrument :
MSVOA_Y
ClientSampleId :

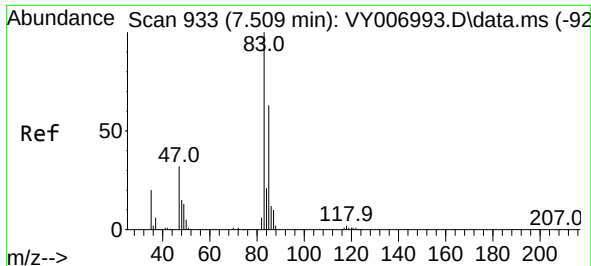
Tgt Ion: 43 Resp: 66054
Ion Ratio Lower Upper
43 100
72 22.8 11.4 34.2



#23
Bromochloromethane
Concen: 26.982 ug/L
RT: 7.332 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

Tgt Ion: 128 Resp: 30180
Ion Ratio Lower Upper
128 100
49 214.4 150.1 278.7
130 115.8 81.1 150.5
51 71.3 57.0 85.6

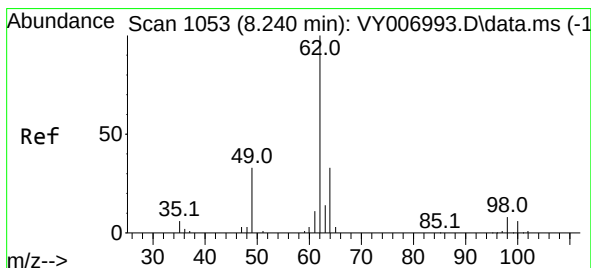
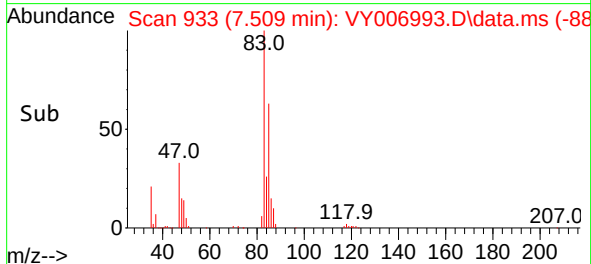
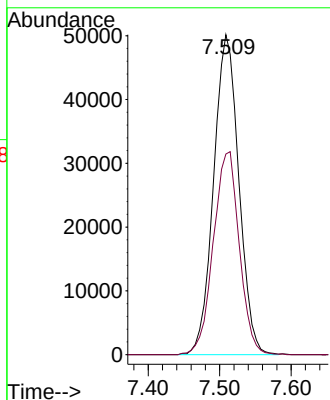
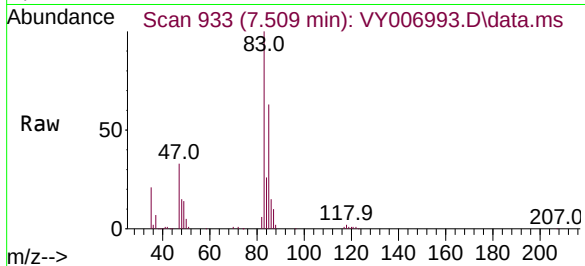




#25
Chloroform
Concen: 28.034 ug/L
RT: 7.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

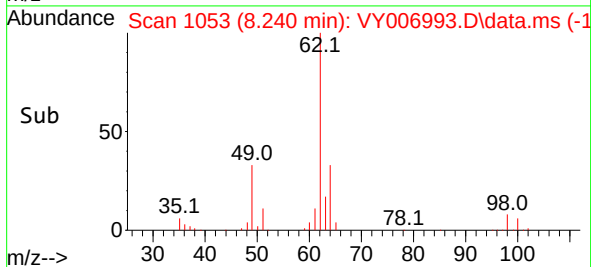
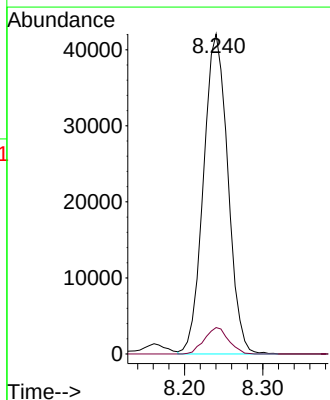
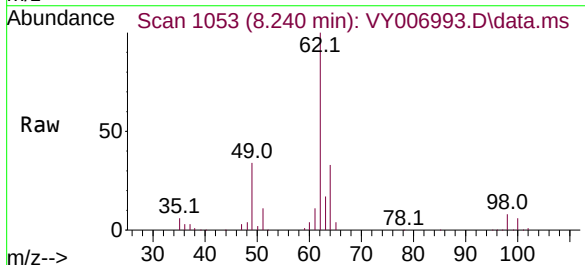
Instrument :
MSVOA_Y
ClientSampleId :

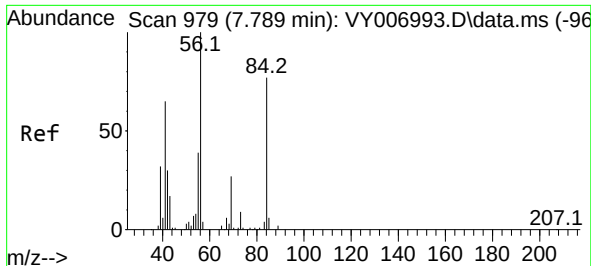
Tgt Ion: 83 Resp: 122950
Ion Ratio Lower Upper
83 100
85 62.7 43.9 81.5



#27
1,2-Dichloroethane
Concen: 28.566 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

Tgt Ion: 62 Resp: 90963
Ion Ratio Lower Upper
62 100
98 8.2 6.6 9.8

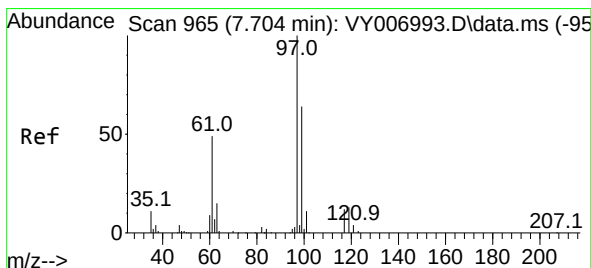
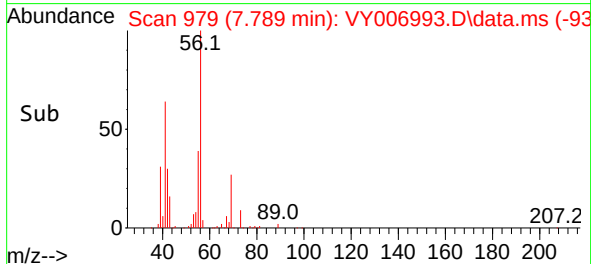
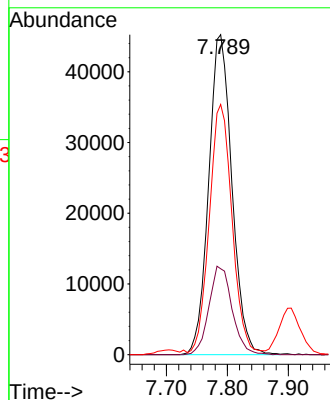
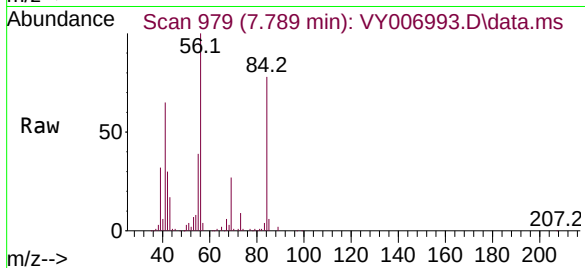




#29
Cyclohexane
Concen: 28.494 ug/L
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

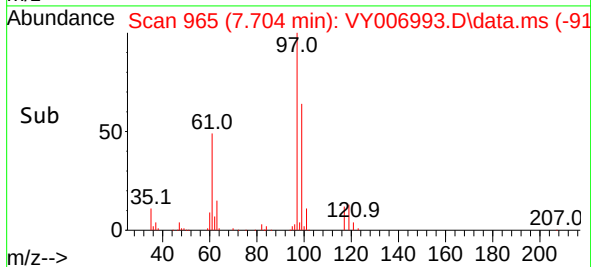
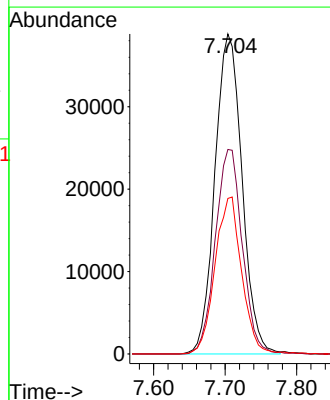
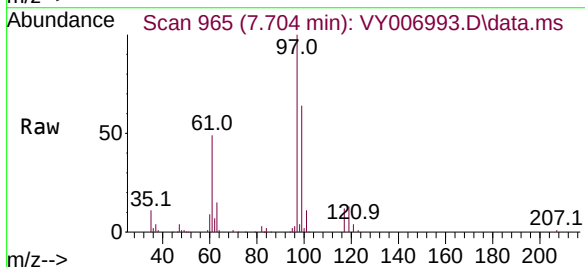
Instrument :
MSVOA_Y
ClientSampleId :

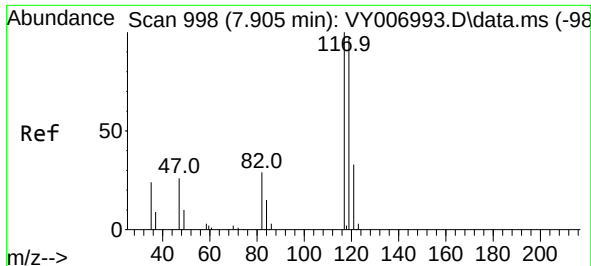
Tgt Ion: 56 Resp: 119951
Ion Ratio Lower Upper
56 100
69 27.5 22.0 33.0
84 77.1 61.7 92.5



#30
1,1,1-Trichloroethane
Concen: 27.182 ug/L
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

Tgt Ion: 97 Resp: 102311
Ion Ratio Lower Upper
97 100
99 63.4 50.7 76.1
61 48.1 38.5 57.7

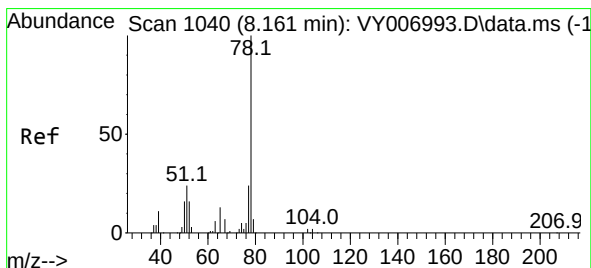
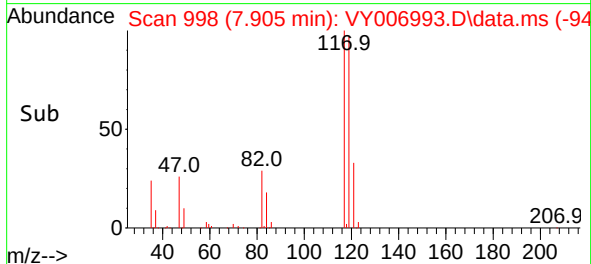
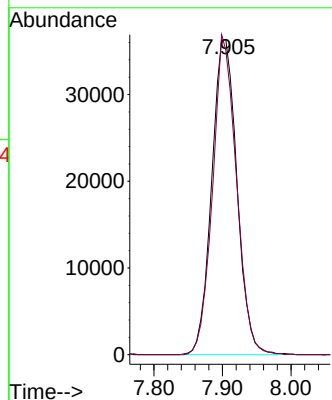
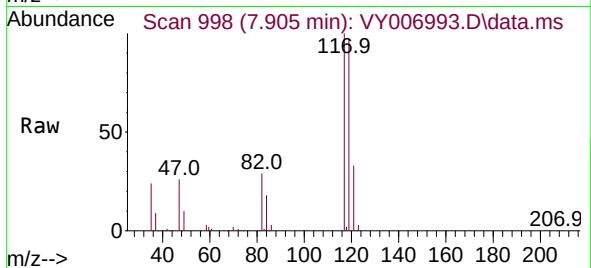




#31
Carbon tetrachloride
Concen: 26.175 ug/L
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

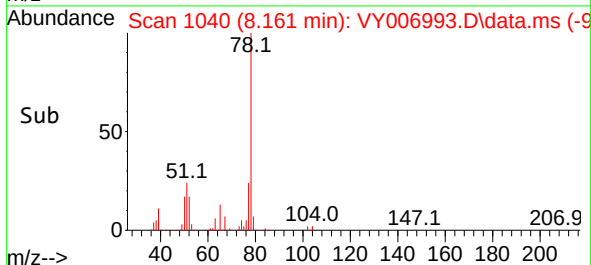
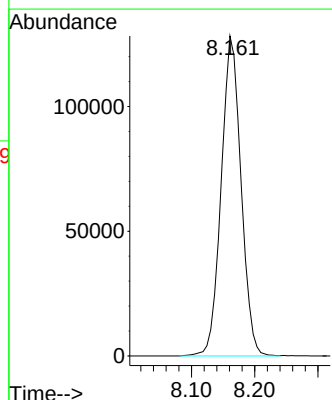
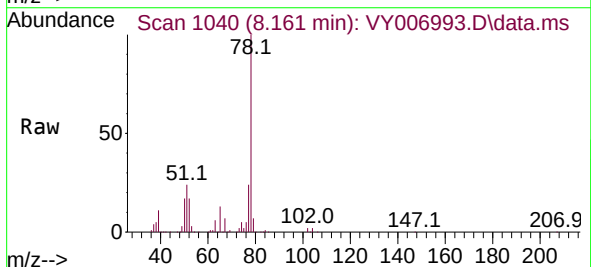
Instrument :
MSVOA_Y
ClientSampleId :

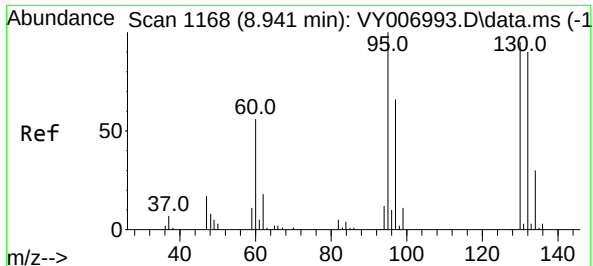
Tgt Ion:117 Resp: 92794
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6



#33
Benzene
Concen: 27.716 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

Tgt Ion: 78 Resp: 278616

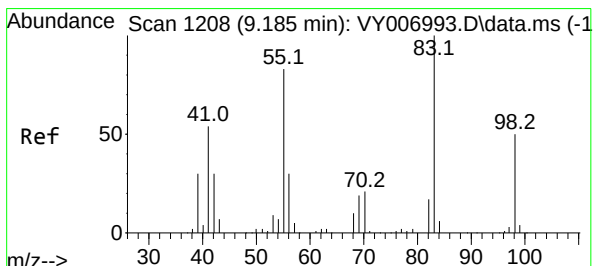
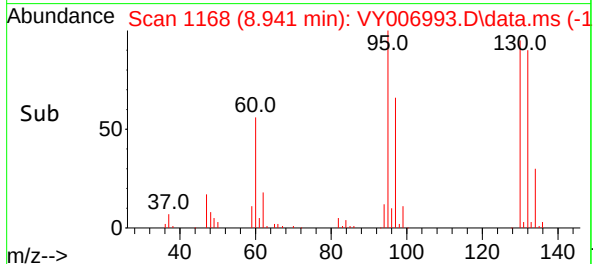
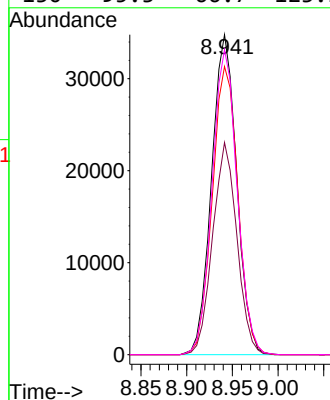
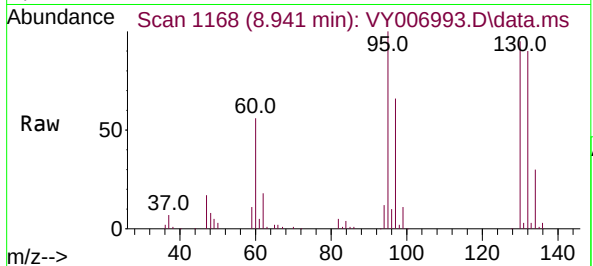




#34
Trichloroethene
Concen: 27.044 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

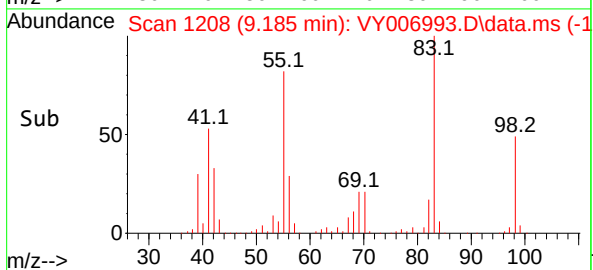
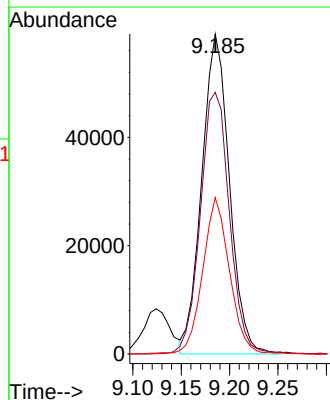
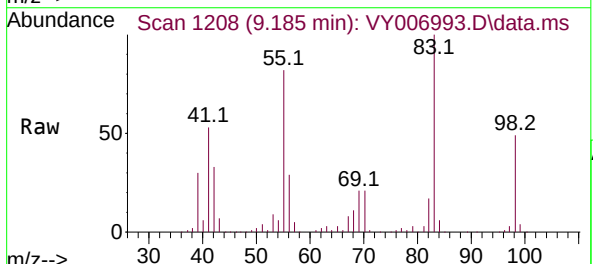
Instrument :
MSVOA_Y
ClientSampleId :

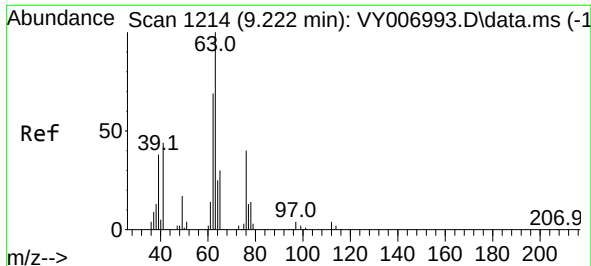
Tgt Ion: 95 Resp: 66457
Ion Ratio Lower Upper
95 100
97 66.3 46.4 86.2
132 90.0 63.0 117.0
130 95.3 66.7 123.9



#35
Methylcyclohexane
Concen: 26.812 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

Tgt Ion: 83 Resp: 117582
Ion Ratio Lower Upper
83 100
55 86.1 68.9 103.3
98 47.3 37.8 56.8





#37

1,2-Dichloropropane

Concen: 29.493 ug/L

RT: 9.222 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY006993.D

Acq: 07 Dec 2021 12:47

Instrument :

MSVOA_Y

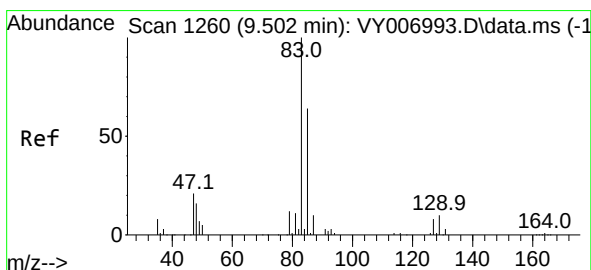
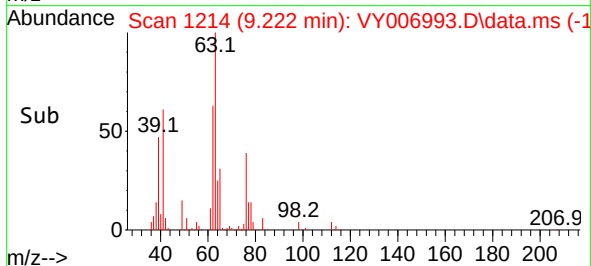
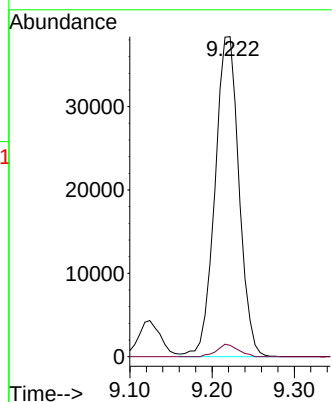
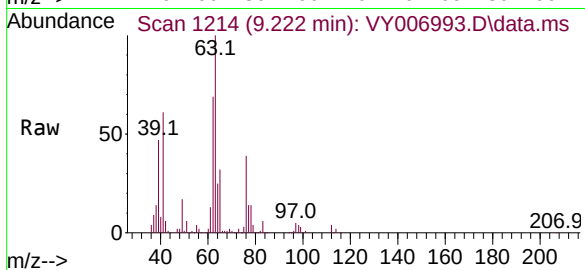
ClientSampleId :

Tgt Ion: 63 Resp: 77892

Ion Ratio Lower Upper

63 100

112 3.5 2.8 4.2



#38

Bromodichloromethane

Concen: 28.462 ug/L

RT: 9.502 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VY006993.D

Acq: 07 Dec 2021 12:47

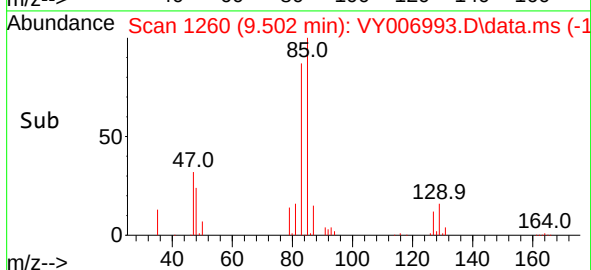
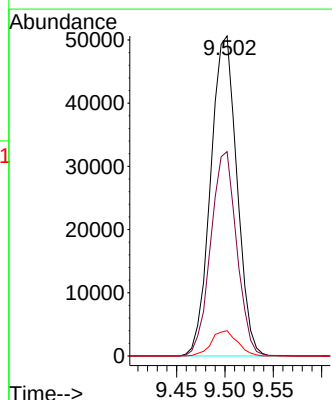
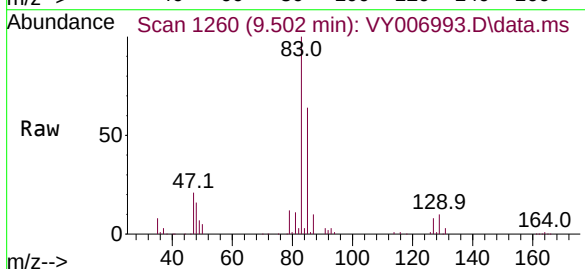
Tgt Ion: 83 Resp: 95702

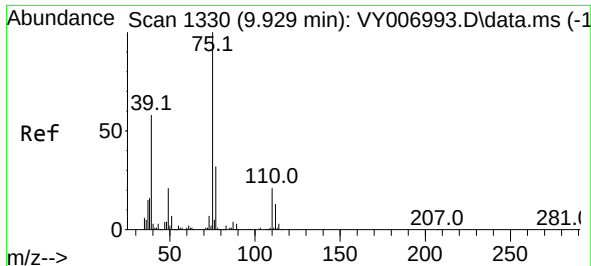
Ion Ratio Lower Upper

83 100

85 63.8 44.7 82.9

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 28.515 ug/L

RT: 9.929 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY006993.D

Acq: 07 Dec 2021 12:47

Instrument :

MSVOA_Y

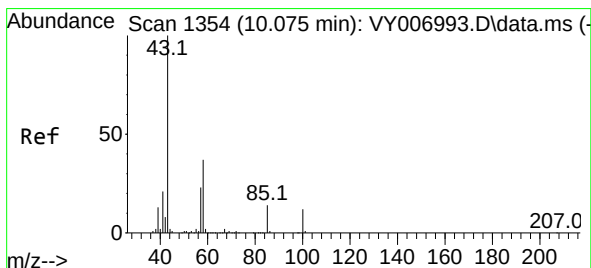
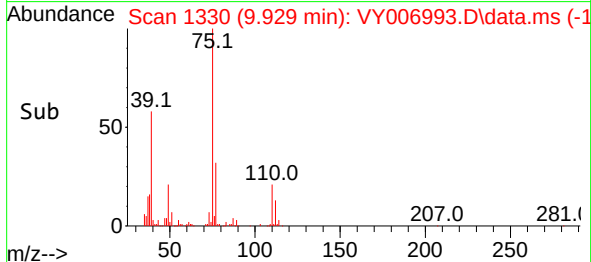
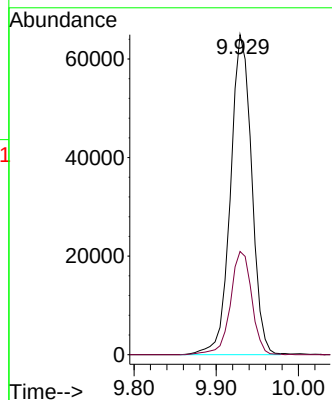
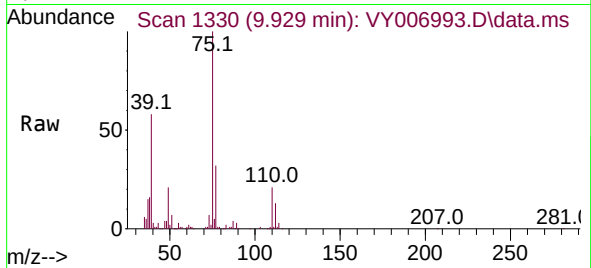
ClientSampleId :

Tgt Ion: 75 Resp: 116350

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 63.007 ug/L

RT: 10.075 min Scan# 1354

Delta R.T. 0.000 min

Lab File: VY006993.D

Acq: 07 Dec 2021 12:47

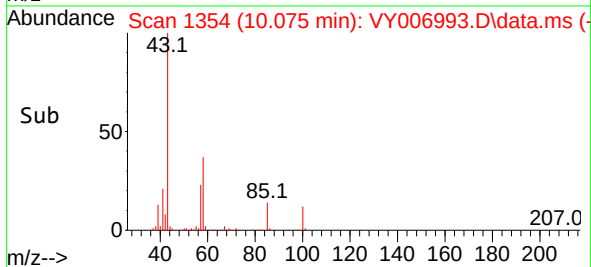
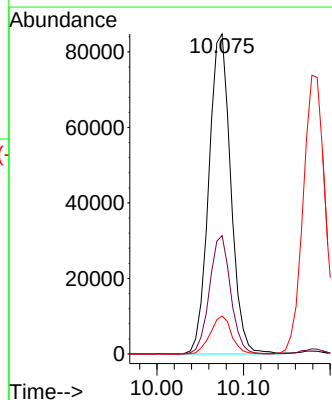
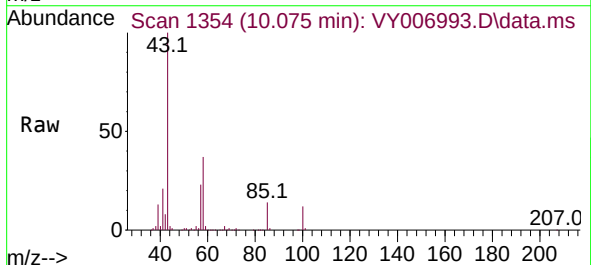
Tgt Ion: 43 Resp: 149249

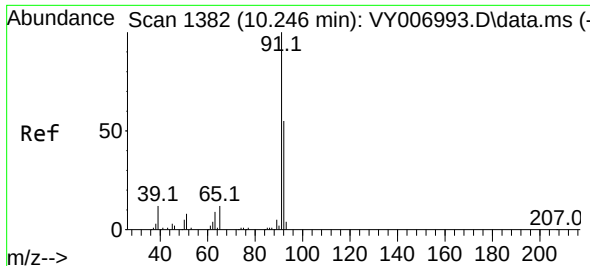
Ion Ratio Lower Upper

43 100

58 35.7 28.6 42.8

100 11.5 9.2 13.8

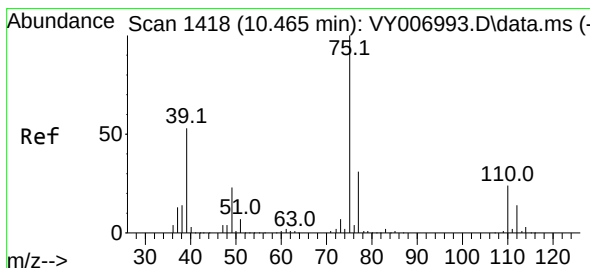
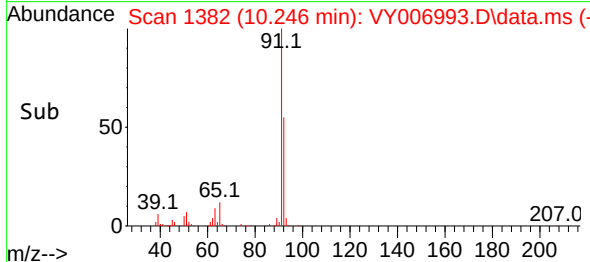
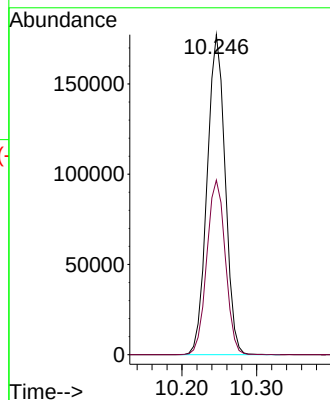
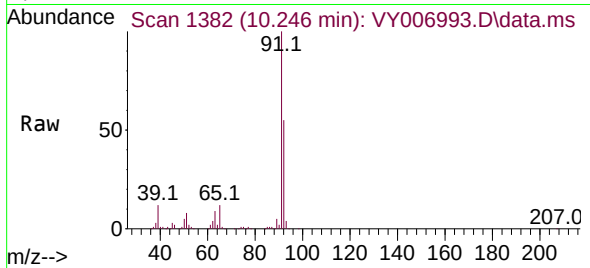




#42
Toluene
Concen: 27.845 ug/L
RT: 10.246 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

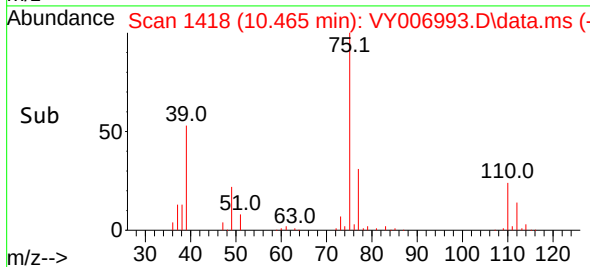
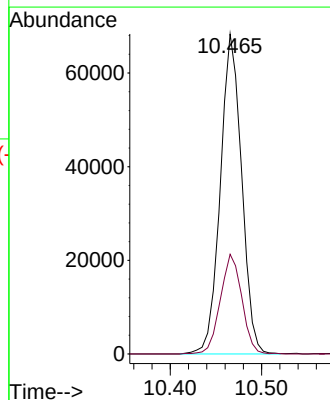
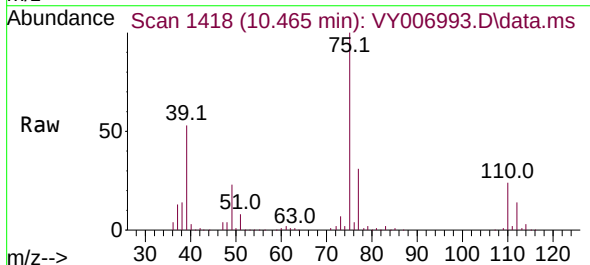
Instrument :
MSVOA_Y
ClientSampleId :

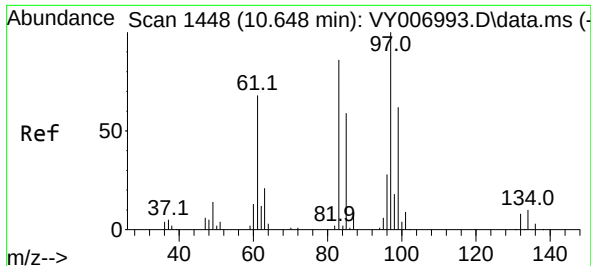
Tgt Ion: 91 Resp: 297130
Ion Ratio Lower Upper
91 100
92 54.6 38.2 71.0



#44
trans-1,3-Dichloropropene
Concen: 28.988 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

Tgt Ion: 75 Resp: 110808
Ion Ratio Lower Upper
75 100
77 31.2 21.8 40.6

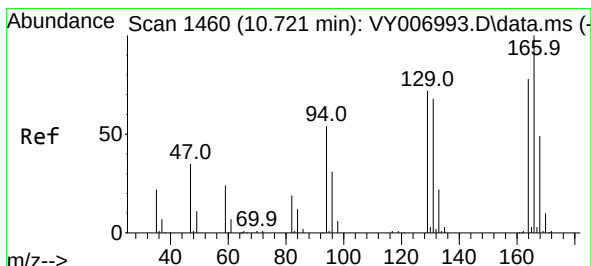
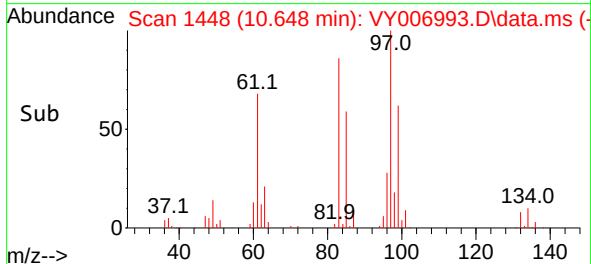
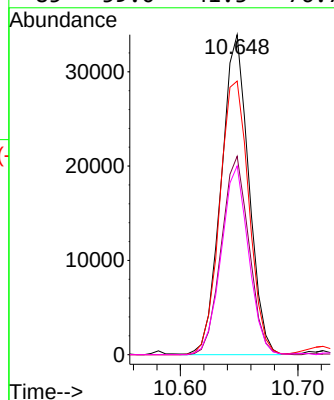
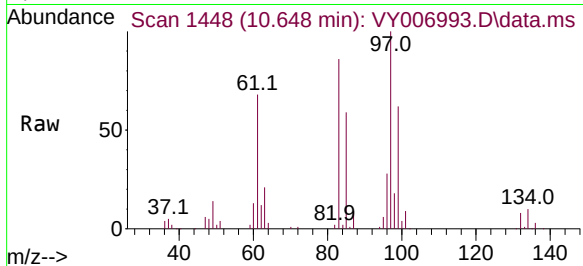




#45
1,1,2-Trichloroethane
Concen: 28.790 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

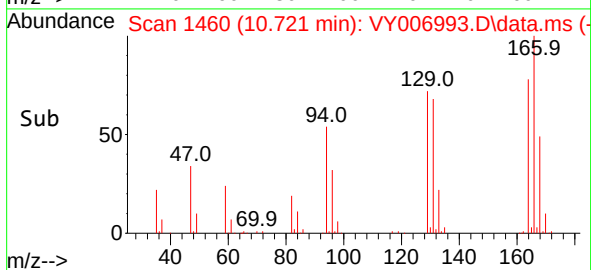
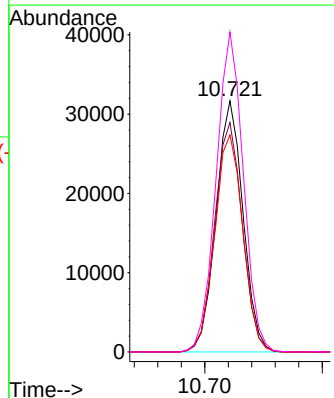
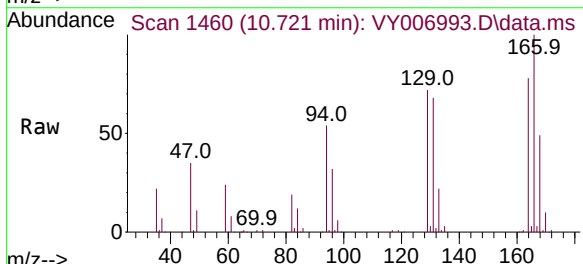
Instrument :
MSVOA_Y
ClientSampleId :

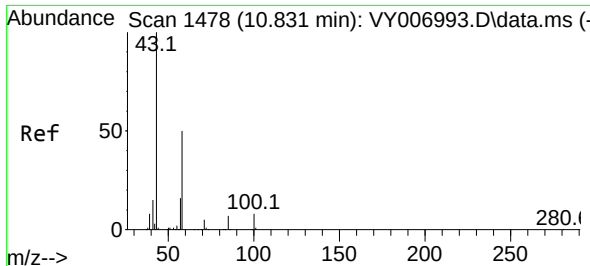
Tgt Ion: 97	Resp: 55426
Ion Ratio	Lower Upper
97 100	
99 62.0	43.4 80.6
83 85.5	59.8 111.1
85 59.0	41.3 76.7



#46
Tetrachloroethene
Concen: 25.223 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

Tgt	Ion:164	Resp:	50537
Ion	Ratio	Lower	Upper
164	100		
129	91.4	64.0	118.8
131	86.5	60.5	112.5
166	127.5	89.2	165.8



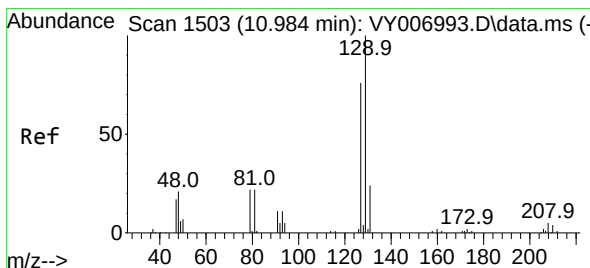
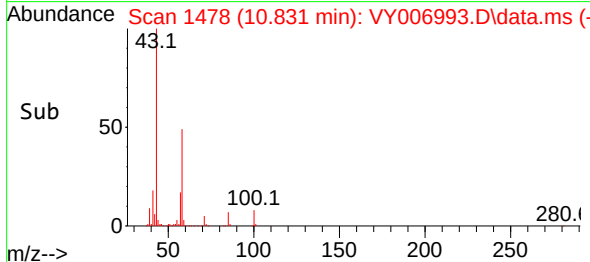
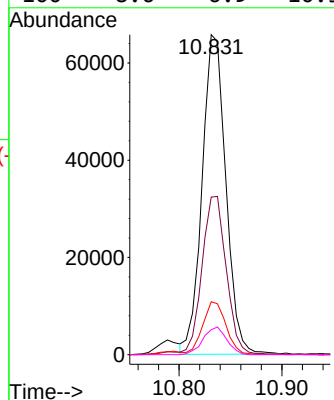
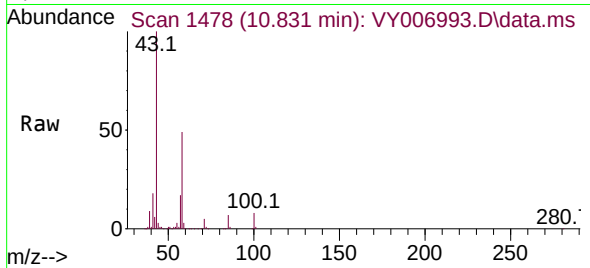


#48
2-Hexanone
Concen: 66.564 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 105694

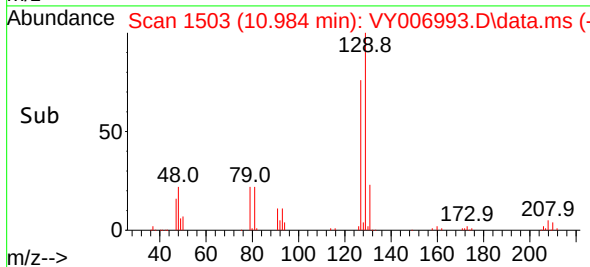
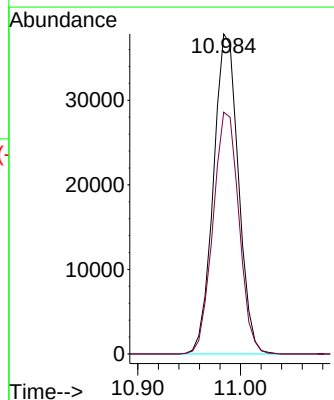
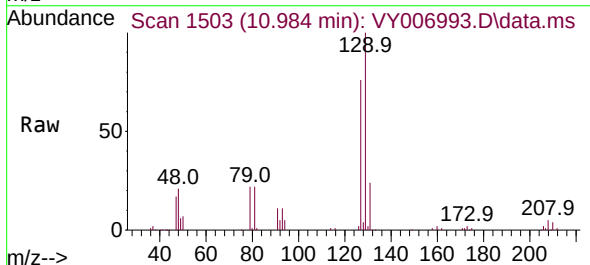
Ion	Ratio	Lower	Upper
43	100		
58	50.1	40.1	60.1
57	16.3	13.0	19.6
100	8.6	6.9	10.3

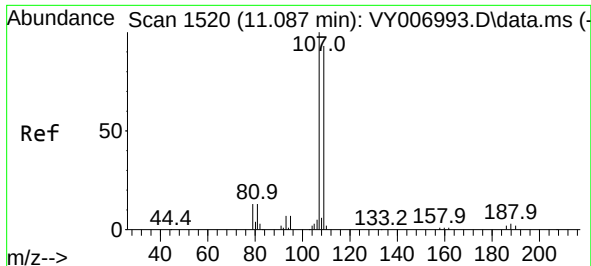


#49
Dibromochloromethane
Concen: 27.660 ug/L
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

Tgt Ion: 129 Resp: 63829

Ion	Ratio	Lower	Upper
129	100		
127	75.5	52.8	98.2

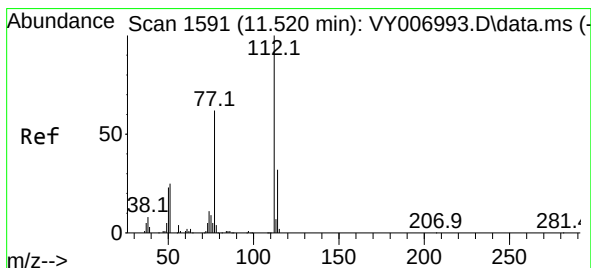
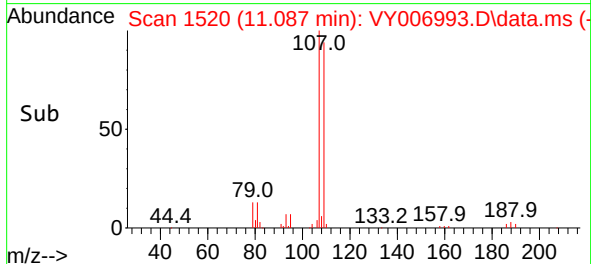
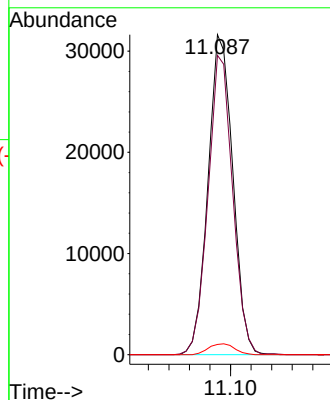
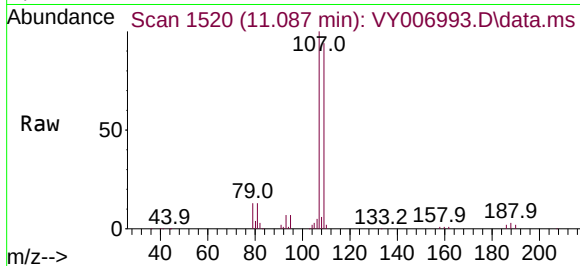




#50
1,2-Dibromoethane
Concen: 29.031 ug/L
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

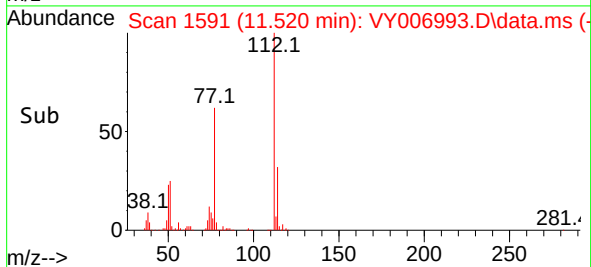
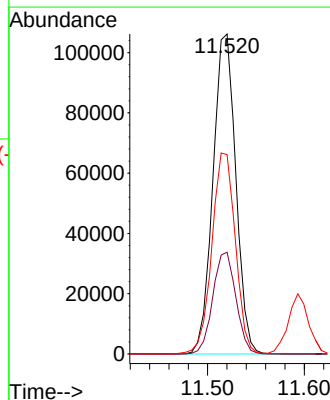
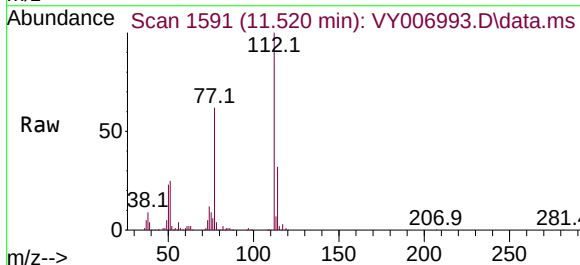
Instrument :
MSVOA_Y
ClientSampleId :

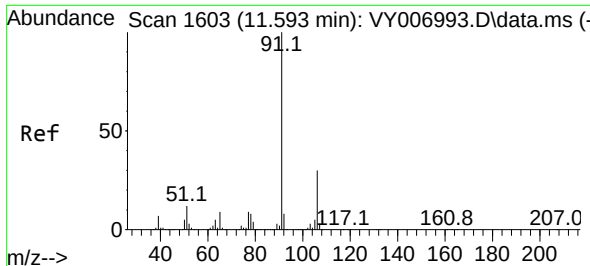
Tgt Ion:107 Resp: 53023
Ion Ratio Lower Upper
107 100
109 93.6 65.5 121.7
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 26.994 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

Tgt Ion:112 Resp: 174141
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.3
77 62.3 49.8 74.8

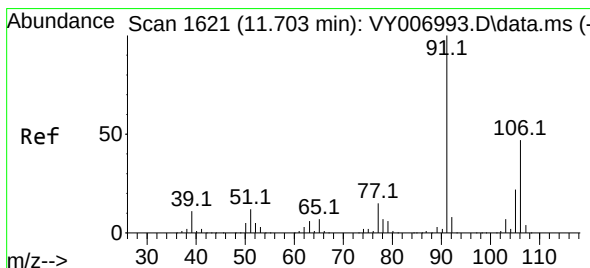
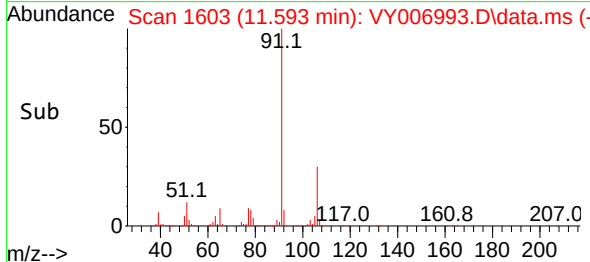
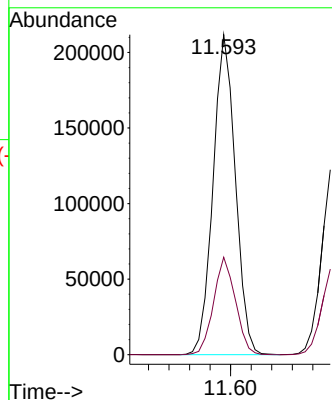
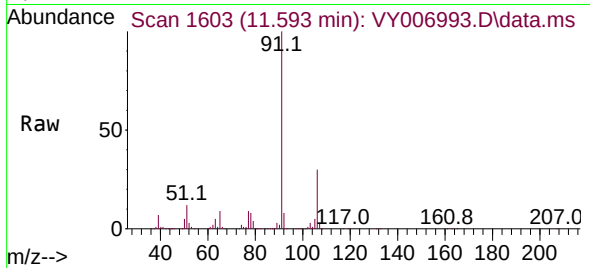




#52
Ethylbenzene
Concen: 27.835 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

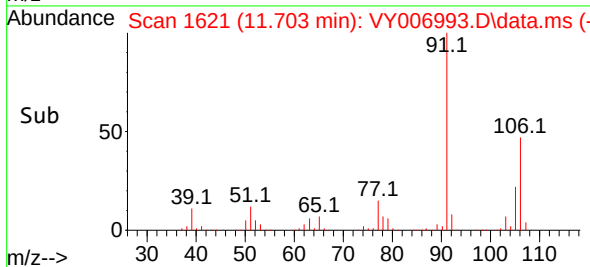
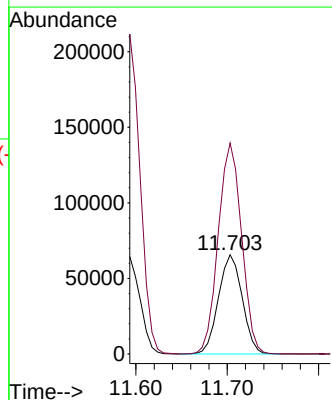
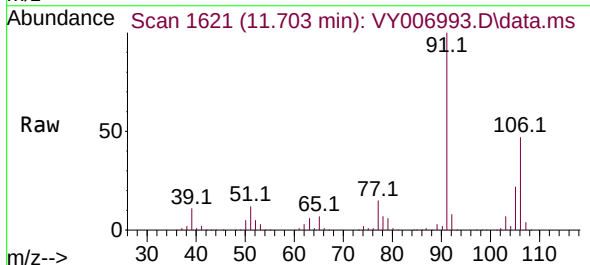
Instrument :
MSVOA_Y
ClientSampleId :

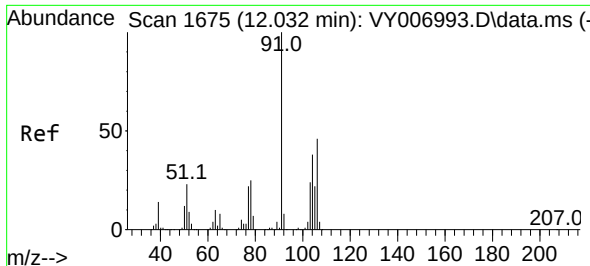
Tgt Ion: 91 Resp: 318380
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.6



#53
m,p-Xylene
Concen: 27.378 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

Tgt Ion: 106 Resp: 118398
Ion Ratio Lower Upper
106 100
91 212.6 148.8 276.4

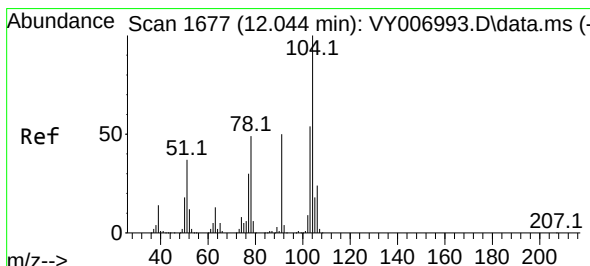
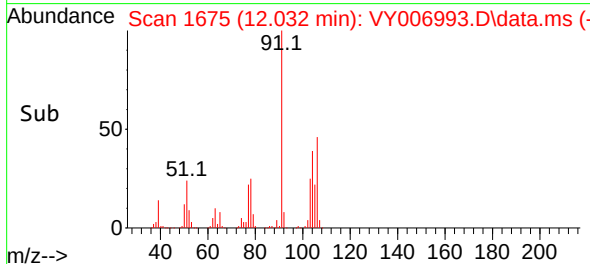
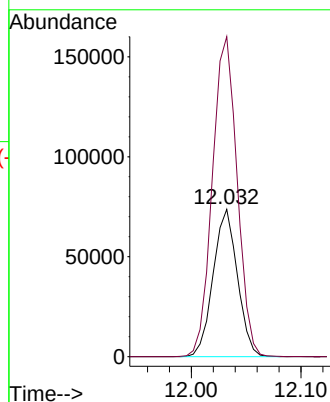
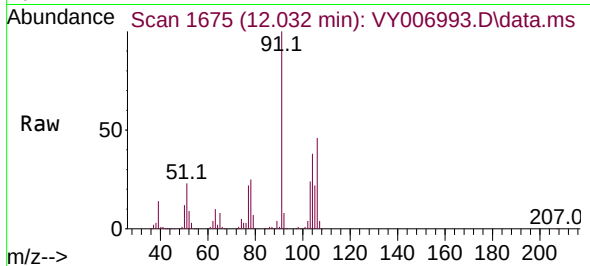




#54
o-Xylene
Concen: 27.881 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

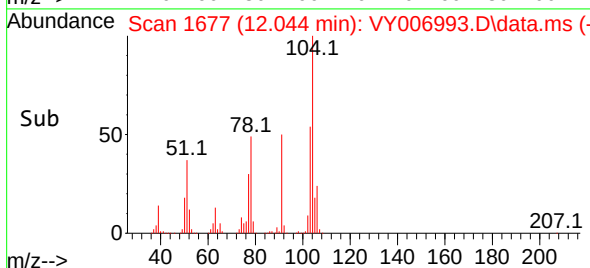
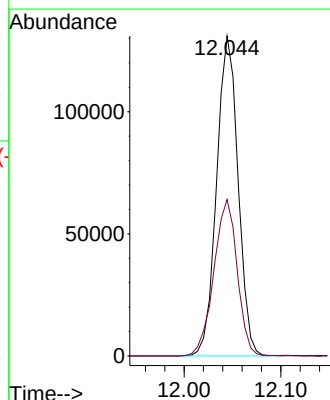
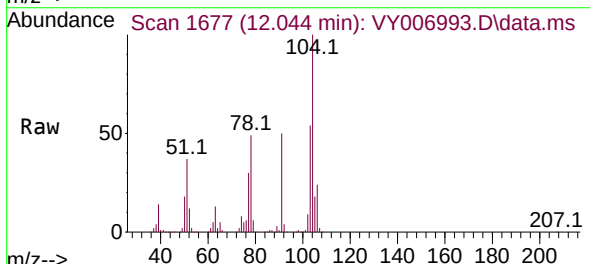
Instrument :
MSVOA_Y
ClientSampleId :

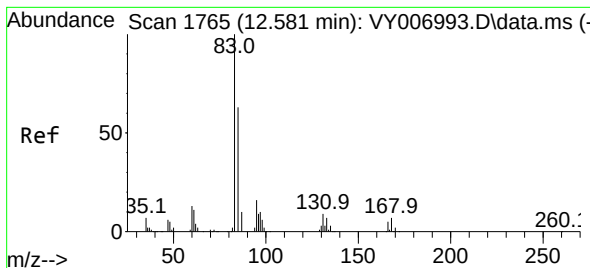
Tgt Ion:106 Resp: 113453
Ion Ratio Lower Upper
106 100
91 217.1 152.0 282.2



#55
Styrene
Concen: 28.333 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

Tgt Ion:104 Resp: 201480
Ion Ratio Lower Upper
104 100
78 48.9 34.2 63.6

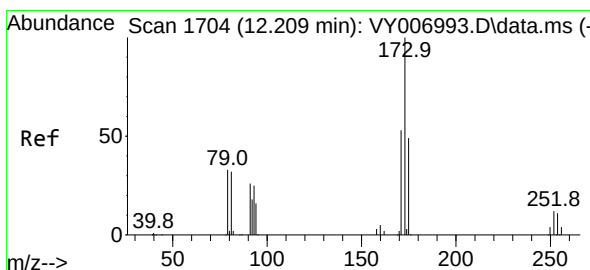
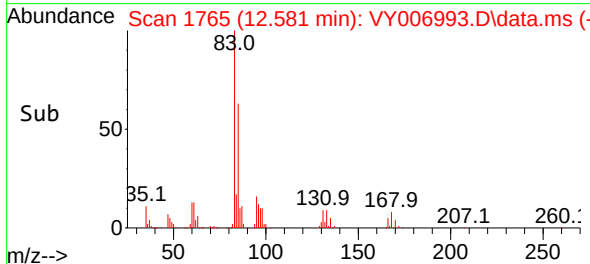
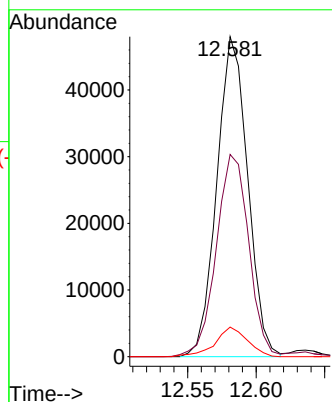
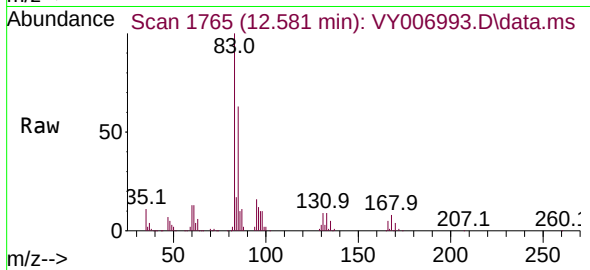




#57
1,1,2,2-Tetrachloroethane
Concen: 31.563 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

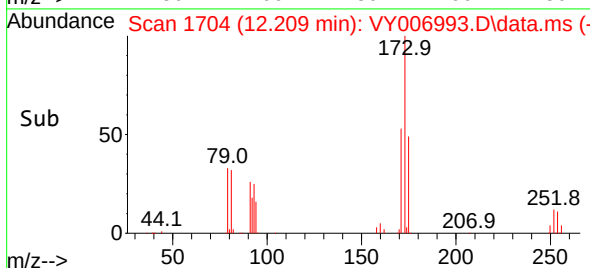
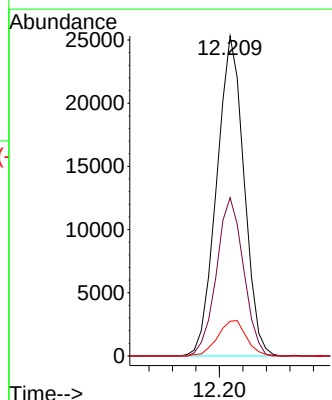
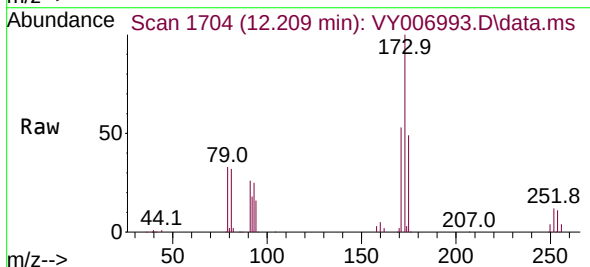
Instrument :
MSVOA_Y
ClientSampleId :

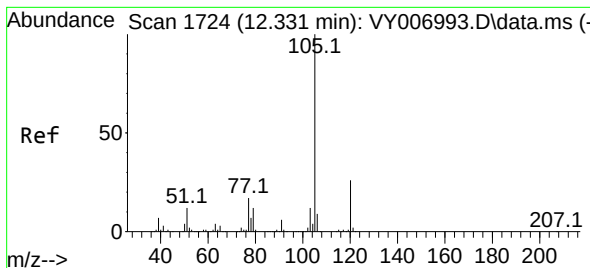
Tgt Ion: 83 Resp: 75206
Ion Ratio Lower Upper
83 100
85 63.2 44.2 82.2
131 9.2 7.4 11.0



#59
Bromoform
Concen: 22.601 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

Tgt Ion: 173 Resp: 40866
Ion Ratio Lower Upper
173 100
175 49.0 39.2 58.8
254 11.6 9.3 13.9





#60

Isopropylbenzene

Concen: 23.278 ug/L

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY006993.D

Acq: 07 Dec 2021 12:47

Instrument :

MSVOA_Y

ClientSampleId :

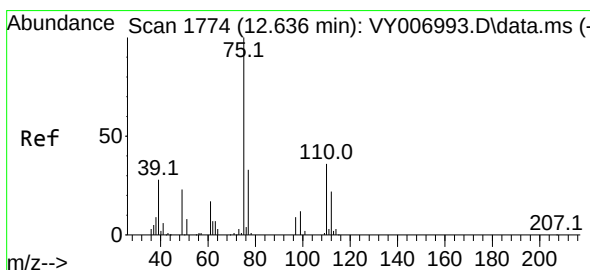
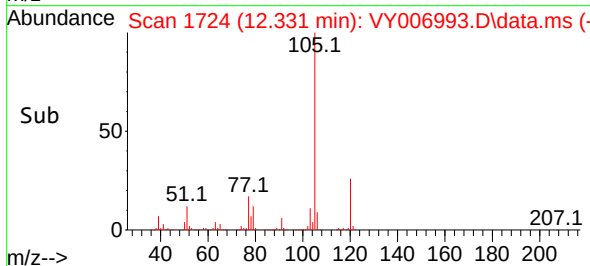
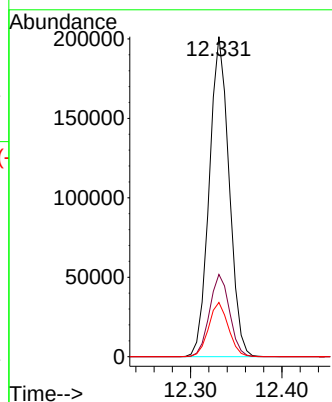
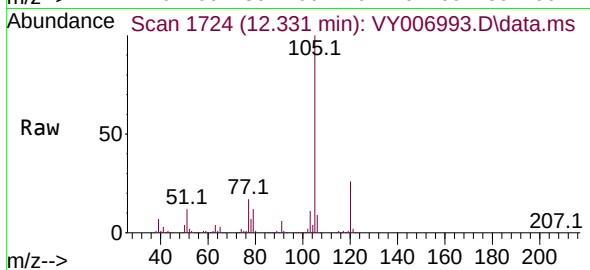
Tgt Ion:105 Resp: 303064

Ion Ratio Lower Upper

105 100

120 25.9 20.7 31.1

77 16.9 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 25.539 ug/L

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY006993.D

Acq: 07 Dec 2021 12:47

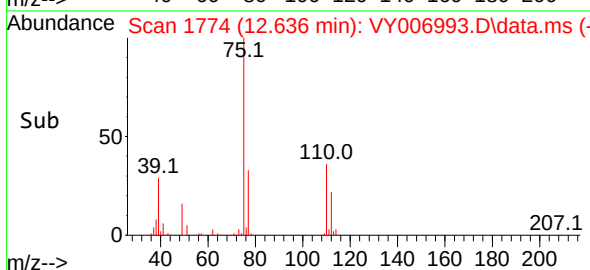
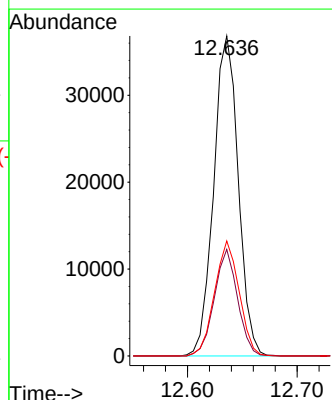
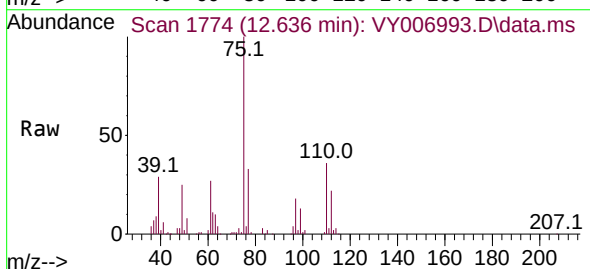
Tgt Ion: 75 Resp: 57332

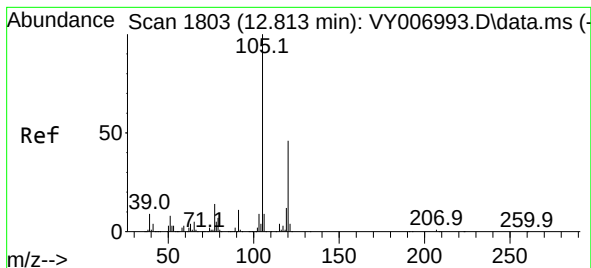
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

110 35.9 28.7 43.1

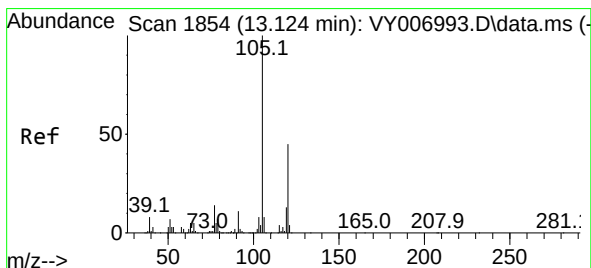
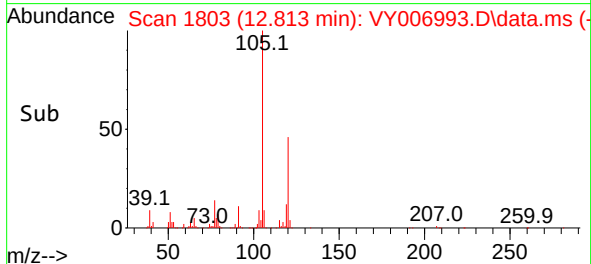
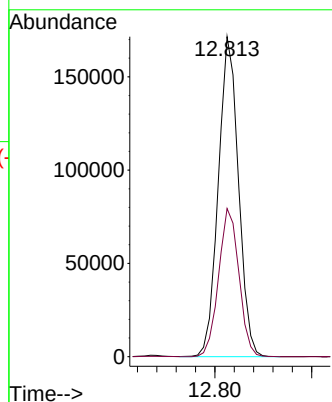
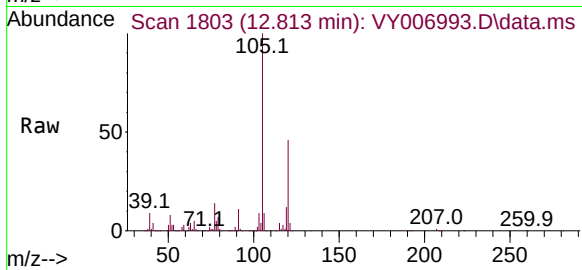




#62
 1,3,5-Trimethylbenzene
 Concen: 23.165 ug/L
 RT: 12.813 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: VY006993.D
 Acq: 07 Dec 2021 12:47

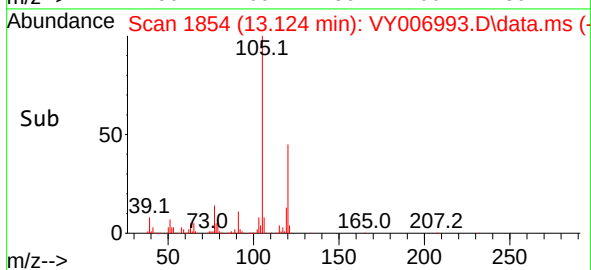
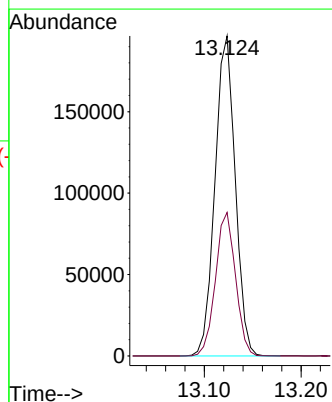
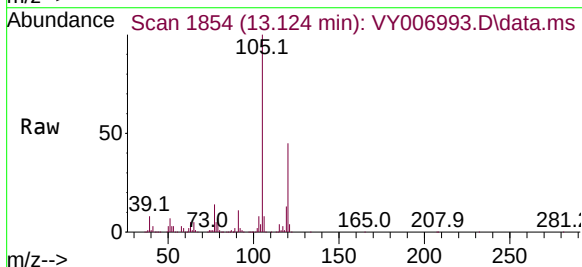
Instrument :
 MSVOA_Y
 ClientSampleId :

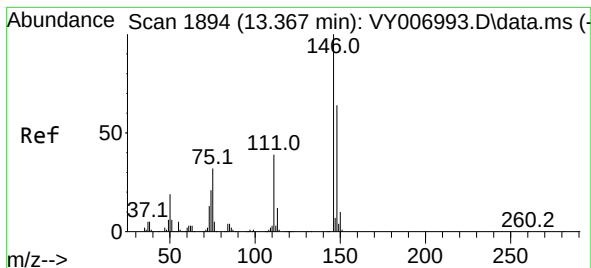
Tgt Ion:105 Resp: 247461
 Ion Ratio Lower Upper
 105 100
 120 46.7 37.4 56.0



#63
 1,2,4-Trimethylbenzene
 Concen: 26.554 ug/L
 RT: 13.124 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY006993.D
 Acq: 07 Dec 2021 12:47

Tgt Ion:105 Resp: 285334
 Ion Ratio Lower Upper
 105 100
 120 44.3 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 26.864 ug/L

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY006993.D

Acq: 07 Dec 2021 12:47

Instrument :

MSVOA_Y

ClientSampleId :

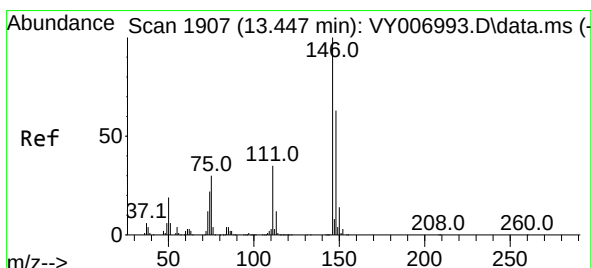
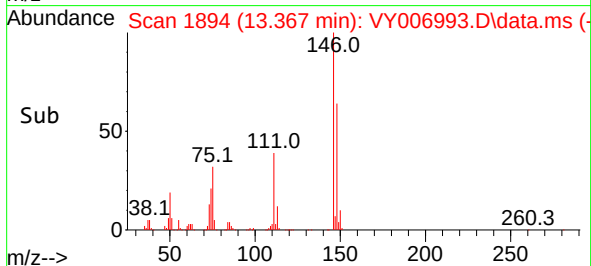
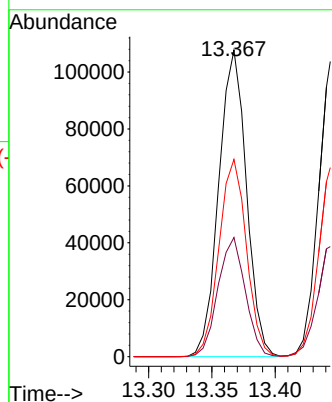
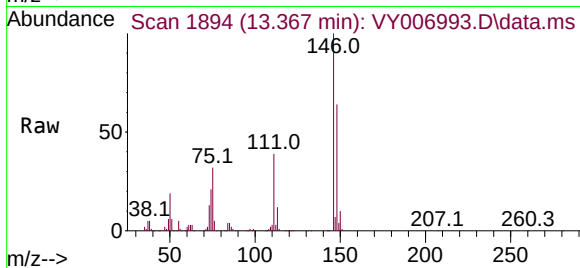
Tgt Ion:146 Resp: 163542

Ion Ratio Lower Upper

146 100

111 38.9 27.2 50.6

148 64.4 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 26.489 ug/L

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY006993.D

Acq: 07 Dec 2021 12:47

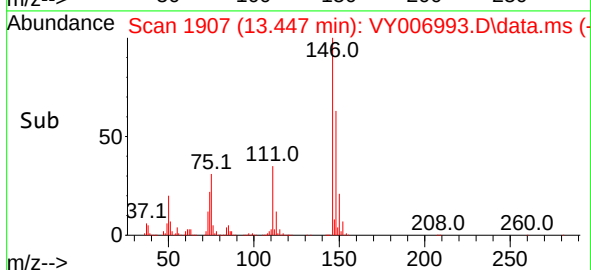
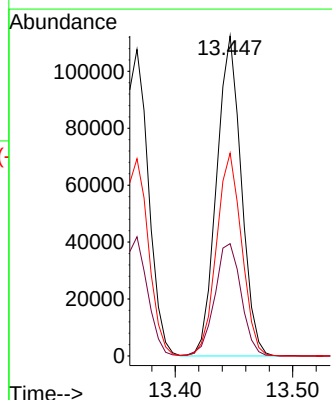
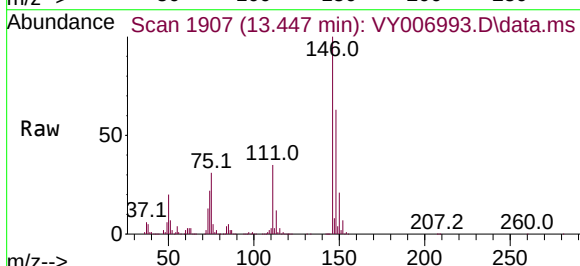
Tgt Ion:146 Resp: 164303

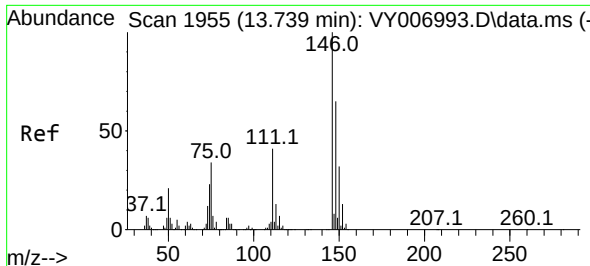
Ion Ratio Lower Upper

146 100

111 35.1 24.6 45.6

148 63.4 44.4 82.4

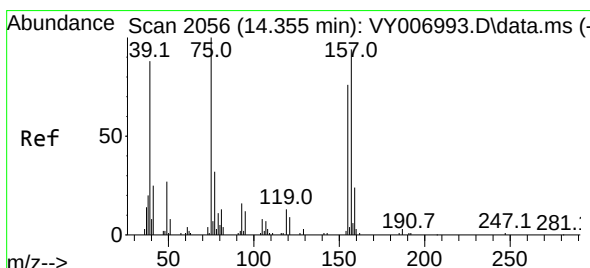
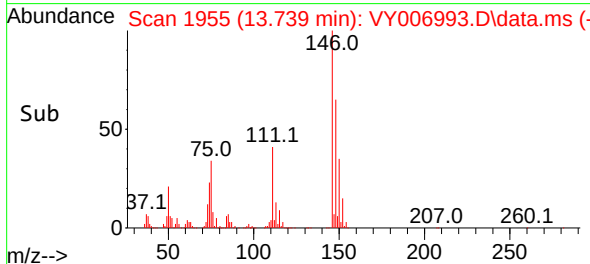
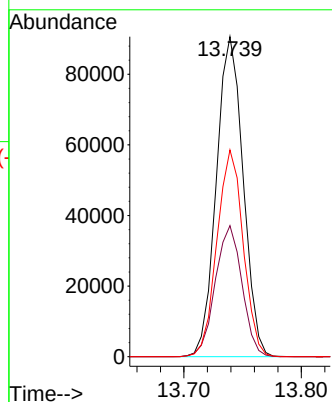
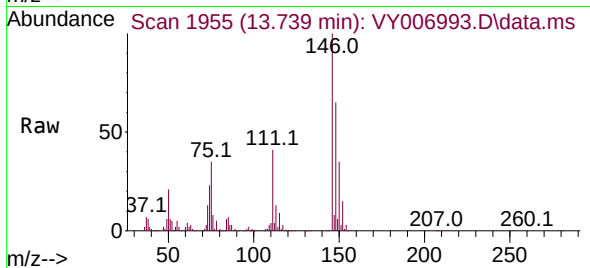




#67
1,2-Dichlorobenzene
Concen: 26.455 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

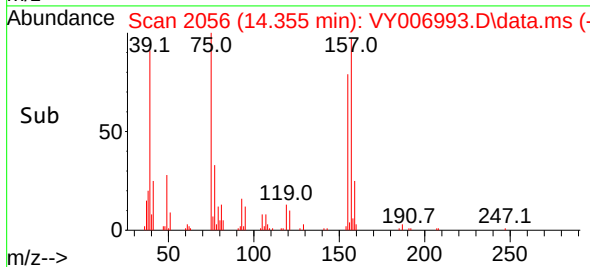
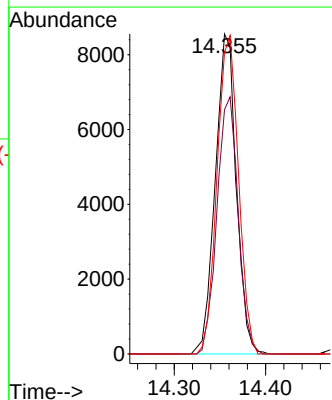
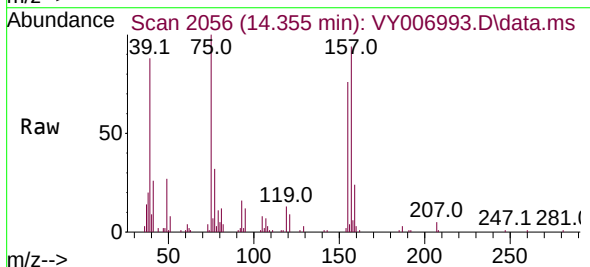
Instrument :
MSVOA_Y
ClientSampleId :

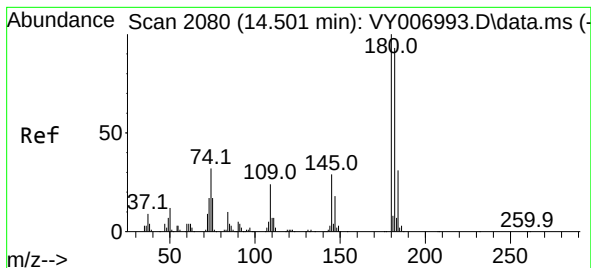
Tgt Ion:146 Resp: 143614
Ion Ratio Lower Upper
146 100
111 41.0 32.8 49.2
148 64.6 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 27.339 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY006993.D
Acq: 07 Dec 2021 12:47

Tgt Ion: 75 Resp: 13649
Ion Ratio Lower Upper
75 100
155 76.3 61.0 91.6
157 94.3 75.4 113.2





#69

1,3,5-Trichlorobenzene

Concen: 24.839 ug/L

RT: 14.501 min Scan# 2080

Delta R.T. 0.000 min

Lab File: VY006993.D

Acq: 07 Dec 2021 12:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180 Resp: 100884

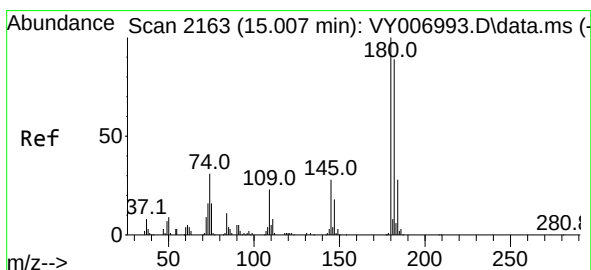
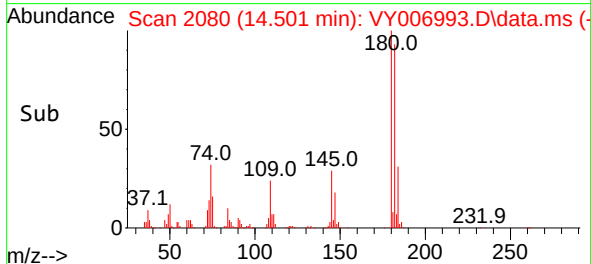
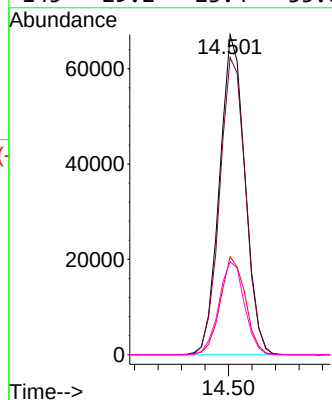
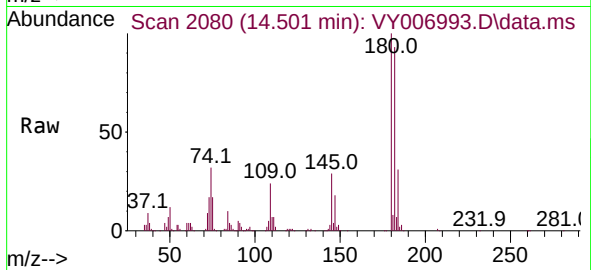
Ion Ratio Lower Upper

180 100

182 94.4 75.5 113.3

184 30.1 24.1 36.1

145 29.2 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 26.448 ug/L

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY006993.D

Acq: 07 Dec 2021 12:47

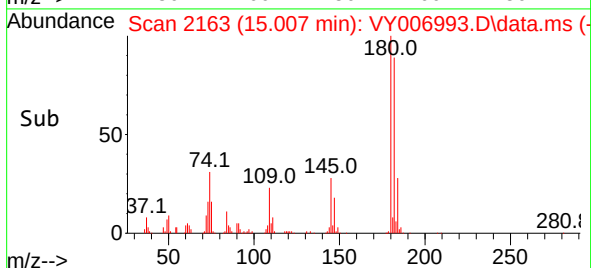
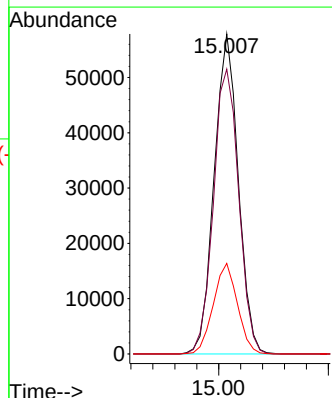
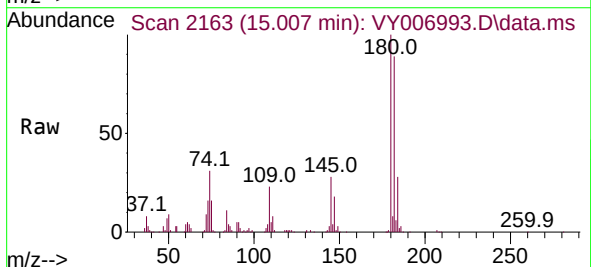
Tgt Ion:180 Resp: 88389

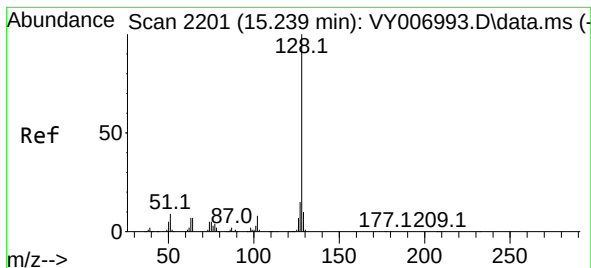
Ion Ratio Lower Upper

180 100

182 93.3 74.6 112.0

145 28.4 22.7 34.1





#71

Naphthalene

Concen: 28.129 ug/L

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY006993.D

Acq: 07 Dec 2021 12:47

Instrument :

MSVOA_Y

ClientSampleId :

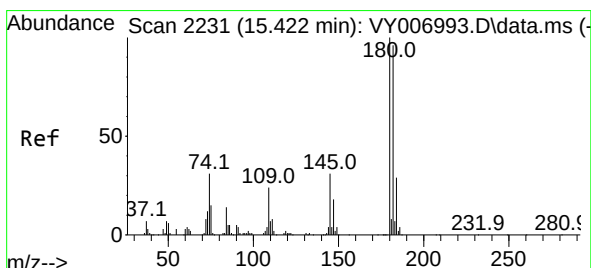
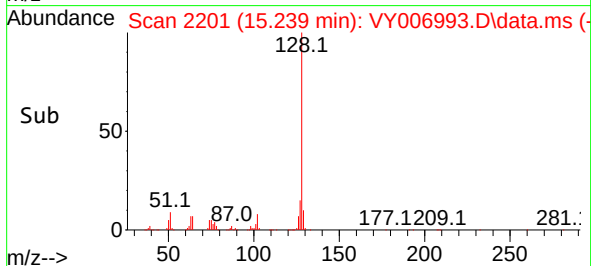
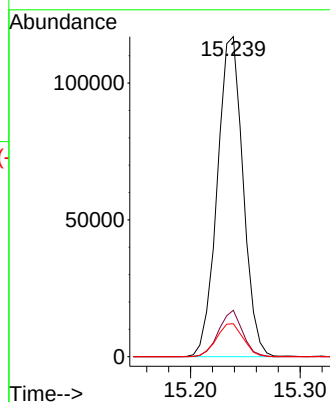
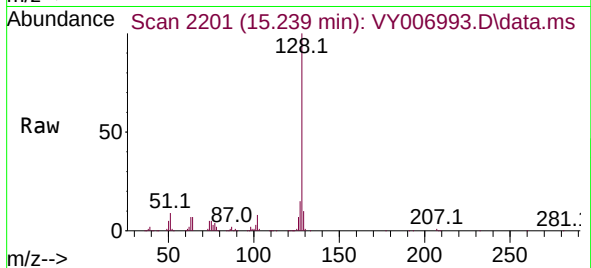
Tgt Ion:128 Resp: 191399

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 30.426 ug/L

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY006993.D

Acq: 07 Dec 2021 12:47

Tgt Ion:180 Resp: 89672

Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 29.6 23.7 35.5

