

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY006998.D
 Acq On : 07 Dec 2021 15:31
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 08 01:41:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120721SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 01:33:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	160623	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	175393	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	86379	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	93325	25.845	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.400%			
7) Chloroethane-d5	2.772	69	67707	24.523	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.080%			
11) 1,1-Dichloroethene-d2	3.857	63	135950	24.398	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 97.600%			
21) 2-Butanone-d5	6.887	46	43441	41.532	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.060%			
24) Chloroform-d	7.478	84	120064	23.575	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.280%			
26) 1,2-Dichloroethane-d4	8.143	65	69683	22.857	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.440%			
32) Benzene-d6	8.112	84	237207	20.689	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 82.760%			
36) 1,2-Dichloropropane-d6	9.124	67	78339	20.265	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 81.080%			
41) Toluene-d8	10.179	98	225914	21.347	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.400%			
43) trans-1,3-Dichloroprop...	10.441	79	36427	20.360	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.440%			
47) 2-Hexanone-d5	10.788	63	37132	41.795	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.580%			
56) 1,1,2,2-Tetrachloroeth...	12.563	84	66252	20.022	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 80.080%			
66) 1,2-Dichlorobenzene-d4	13.727	152	75921	22.862	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.924	85	25041	22.941	ug/L	90
3) Chloromethane	2.119	50	61262	22.589	ug/L	98
5) Vinyl chloride	2.260	62	101185	23.352	ug/L	96
6) Bromomethane	2.668	94	56669	22.291	ug/L	97
8) Chloroethane	2.808	64	57338	22.763	ug/L	93
9) Trichlorofluoromethane	3.131	101	67855	24.611	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.912	101	55638	23.775	ug/L	97
12) 1,1-Dichloroethene	3.875	96	57134	23.855	ug/L	90
13) Acetone	3.954	43	35251	39.018	ug/L	98
14) Carbon disulfide	4.198	76	185535	24.164	ug/L	98
15) Methyl Acetate	4.473	43	39953	21.155	ug/L #	64
16) Methylene chloride	4.716	84	67351	20.130	ug/L	99
17) trans-1,2-Dichloroethene	5.222	96	59986	24.065	ug/L	91
18) Methyl tert-butyl Ether	5.216	73	109760	22.498	ug/L	100
19) 1,1-Dichloroethane	6.021	63	124978	23.760	ug/L	99
20) cis-1,2-Dichloroethene	6.984	96	66918	24.346	ug/L	97
22) 2-Butanone	6.984	43	51144	40.207	ug/L	100
23) Bromochloromethane	7.332	128	26881	22.357	ug/L	89
25) Chloroform	7.509	83	117716	23.312	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY006998.D
 Acq On : 07 Dec 2021 15:31
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 08 01:41:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120721SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 01:33:07 2021
 Response via : Initial Calibration

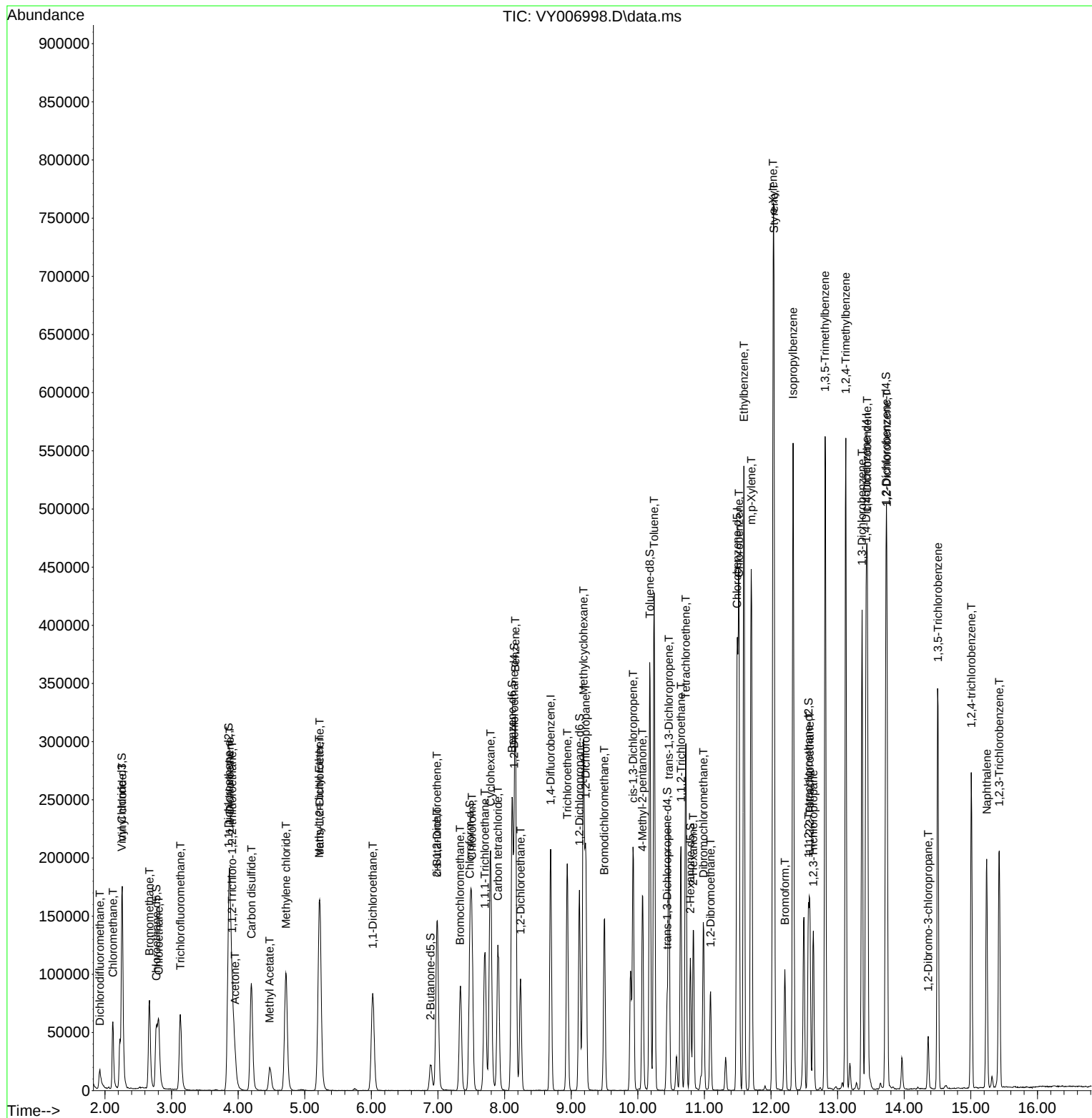
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	82885	23.017	ug/L	100
29) Cyclohexane	7.789	56	116676	21.341	ug/L	99
30) 1,1,1-Trichloroethane	7.704	97	99055	20.628	ug/L	99
31) Carbon tetrachloride	7.899	117	90104	20.627	ug/L	100
33) Benzene	8.161	78	267448	20.559	ug/L	100
34) Trichloroethene	8.941	95	65307	20.779	ug/L	98
35) Methylcyclohexane	9.185	83	114904	20.931	ug/L	100
37) 1,2-Dichloropropane	9.216	63	72716	20.235	ug/L	99
38) Bromodichloromethane	9.496	83	92015	20.638	ug/L	98
39) cis-1,3-Dichloropropene	9.929	75	111090	20.459	ug/L	100
40) 4-Methyl-2-pentanone	10.069	43	123220	38.633	ug/L	98
42) Toluene	10.246	91	295266	21.490	ug/L	96
44) trans-1,3-Dichloropropene	10.465	75	111598	22.174	ug/L	97
45) 1,1,2-Trichloroethane	10.648	97	58059	22.777	ug/L	98
46) Tetrachloroethene	10.721	164	64146	26.573	ug/L	98
48) 2-Hexanone	10.831	43	92177	42.329	ug/L	99
49) Dibromochloromethane	10.984	129	67939	23.299	ug/L	95
50) 1,2-Dibromoethane	11.093	107	52114	21.813	ug/L #	99
51) Chlorobenzene	11.520	112	195278	23.987	ug/L	97
52) Ethylbenzene	11.593	91	351118	23.274	ug/L	98
53) m,p-Xylene	11.703	106	131647	23.692	ug/L	99
54) o-Xylene	12.032	106	122252	23.242	ug/L	93
55) Styrene	12.044	104	214407	23.128	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.581	83	69011	20.375	ug/L	99
59) Bromoform	12.209	173	43707	24.647	ug/L	98
60) Isopropylbenzene	12.331	105	335151	25.337	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	51816	21.221	ug/L	99
62) 1,3,5-Trimethylbenzene	12.813	105	276251	25.993	ug/L	98
63) 1,2,4-Trimethylbenzene	13.123	105	274245	24.936	ug/L	99
64) 1,3-Dichlorobenzene	13.367	146	145380	23.920	ug/L	98
65) 1,4-Dichlorobenzene	13.447	146	144947	23.664	ug/L	97
67) 1,2-Dichlorobenzene	13.739	146	127067	23.048	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.361	75	10166	17.343	ug/L	94
69) 1,3,5-Trichlorobenzene	14.507	180	97027	21.756	ug/L	98
70) 1,2,4-trichlorobenzene	15.007	180	77229	20.363	ug/L	98
71) Naphthalene	15.239	128	150416	18.539	ug/L	100
72) 1,2,3-Trichlorobenzene	15.428	180	65533	18.571	ug/L	98

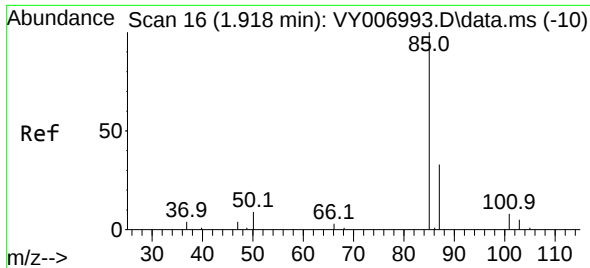
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY006998.D
 Acq On : 07 Dec 2021 15:31
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 08 01:41:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120721SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 01:33:07 2021
 Response via : Initial Calibration

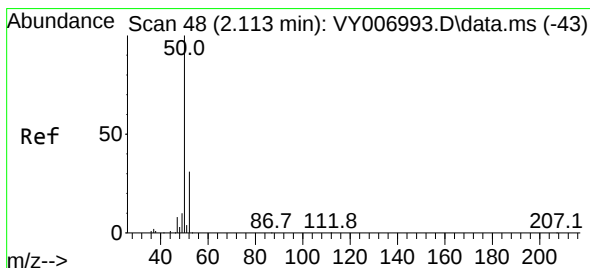
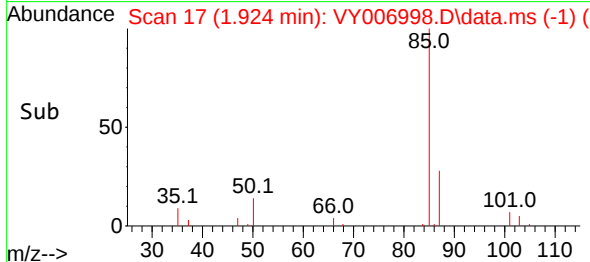
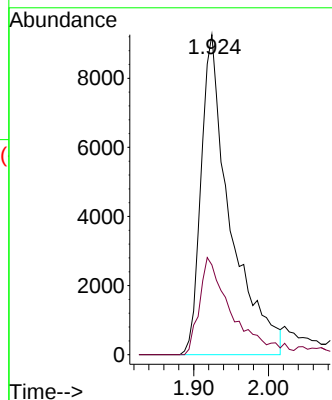
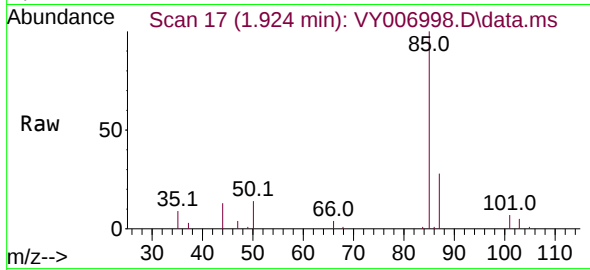




#2
 Dichlorodifluoromethane
 Concen: 22.941 ug/L
 RT: 1.924 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY006998.D
 Acq: 07 Dec 2021 15:31

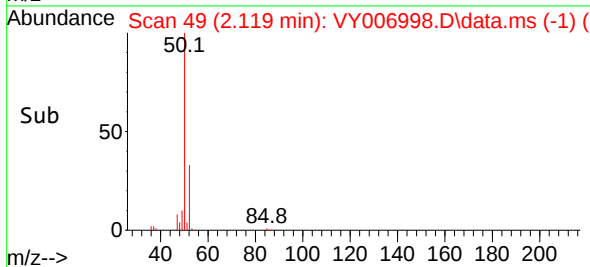
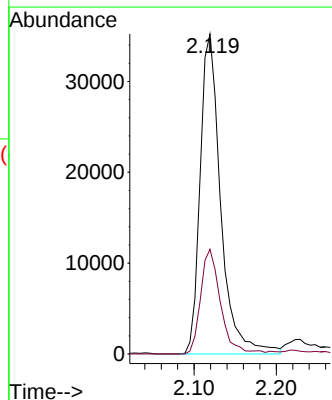
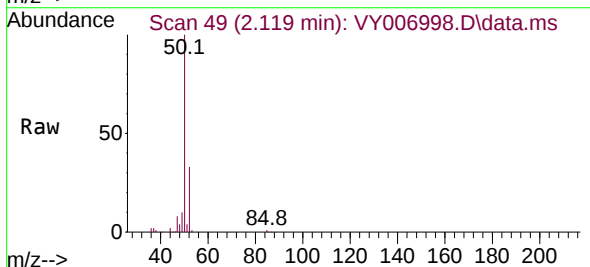
Instrument :
 MSVOA_Y
 ClientSampleId :

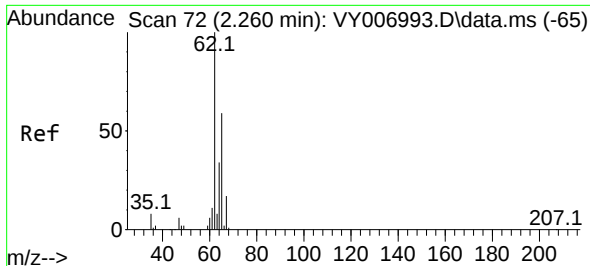
Tgt Ion: 85 Resp: 25041
 Ion Ratio Lower Upper
 85 100
 87 31.8 21.2 31.8



#3
 Chloromethane
 Concen: 22.589 ug/L
 RT: 2.119 min Scan# 49
 Delta R.T. 0.006 min
 Lab File: VY006998.D
 Acq: 07 Dec 2021 15:31

Tgt Ion: 50 Resp: 61262
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.0 41.0

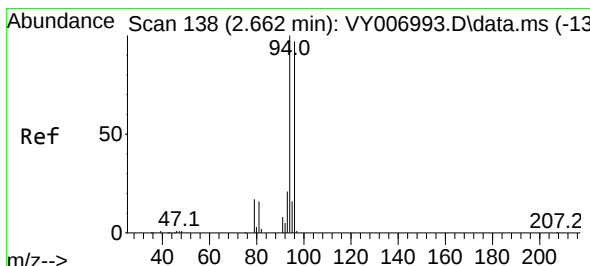
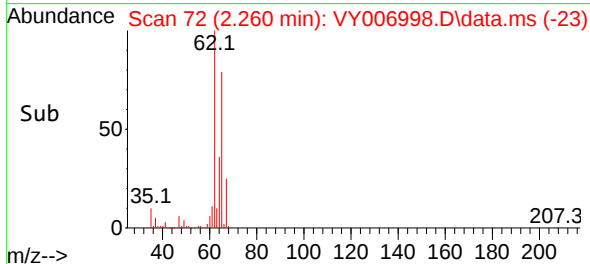
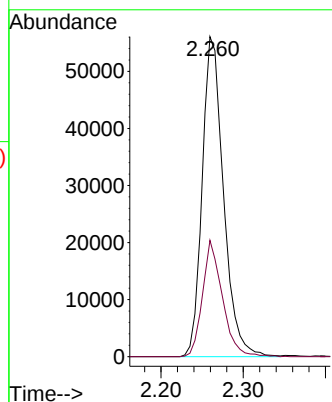
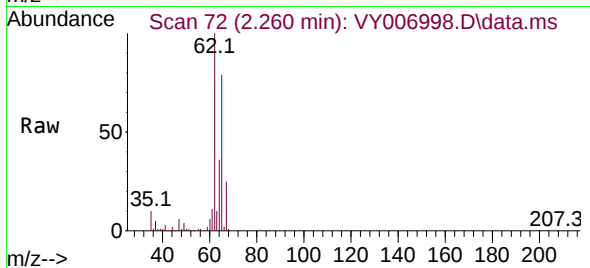




#5
 Vinyl chloride
 Concen: 23.352 ug/L
 RT: 2.260 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VY006998.D
 Acq: 07 Dec 2021 15:31

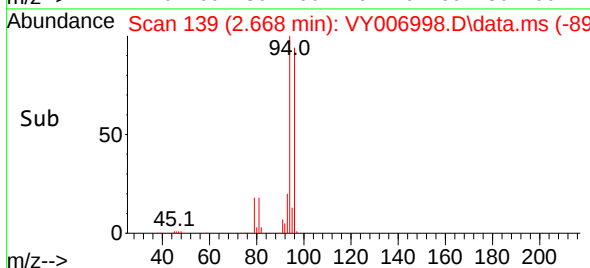
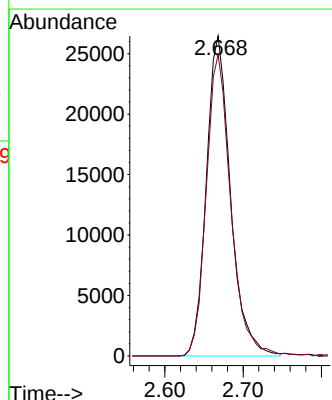
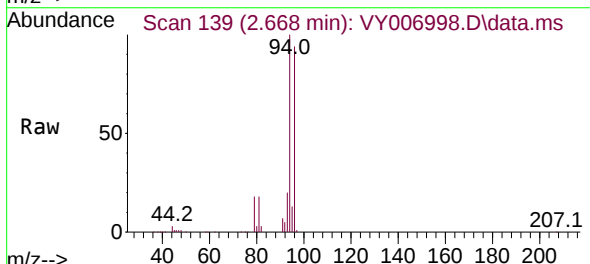
Instrument :
 MSVOA_Y
 ClientSampleId :

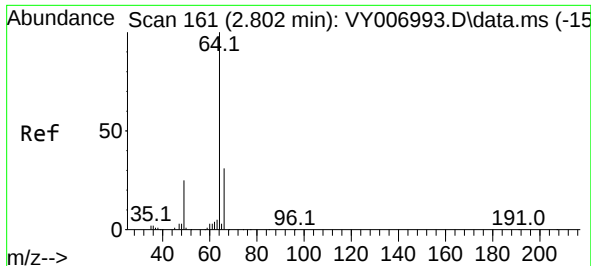
Tgt Ion: 62 Resp: 101185
 Ion Ratio Lower Upper
 62 100
 64 36.3 23.8 44.2



#6
 Bromomethane
 Concen: 22.291 ug/L
 RT: 2.668 min Scan# 139
 Delta R.T. 0.006 min
 Lab File: VY006998.D
 Acq: 07 Dec 2021 15:31

Tgt Ion: 94 Resp: 56669
 Ion Ratio Lower Upper
 94 100
 96 94.2 68.0 126.4

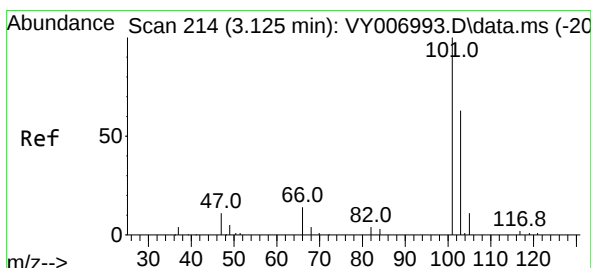
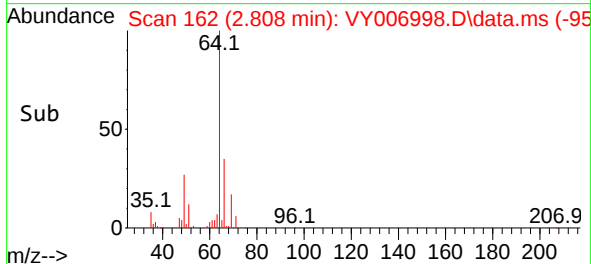
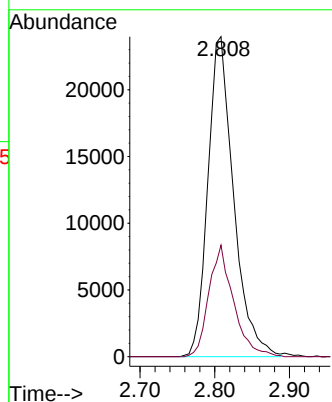
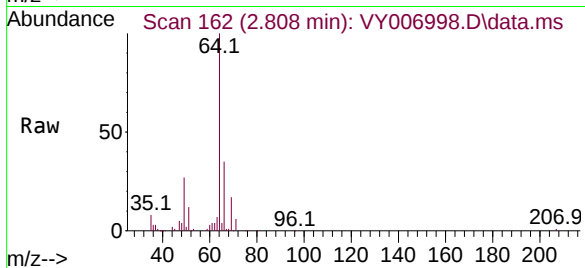




#8
Chloroethane
Concen: 22.763 ug/L
RT: 2.808 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

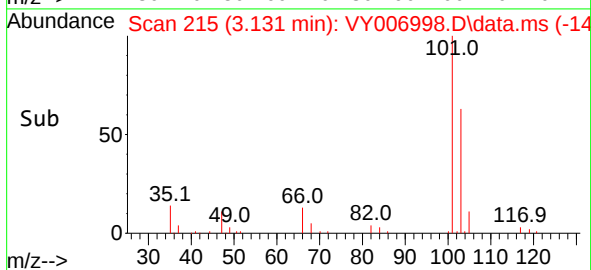
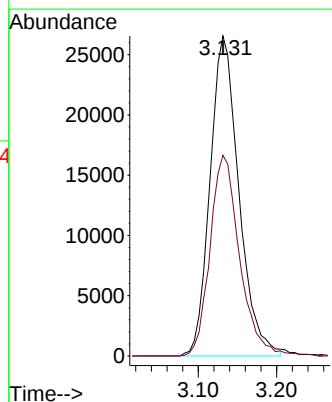
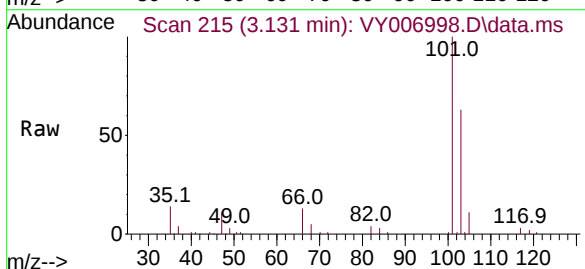
Instrument :
MSVOA_Y
ClientSampleId :

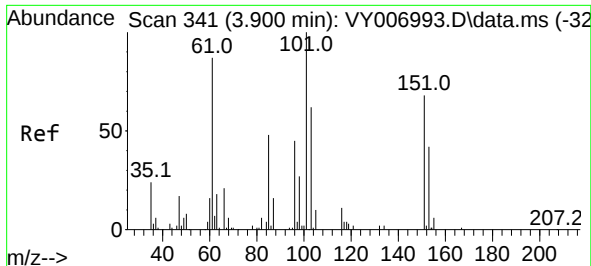
Tgt Ion: 64 Resp: 57338
Ion Ratio Lower Upper
64 100
66 34.8 21.8 40.4



#9
Trichlorofluoromethane
Concen: 24.611 ug/L
RT: 3.131 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

Tgt Ion:101 Resp: 67855
Ion Ratio Lower Upper
101 100
103 64.2 51.1 76.7

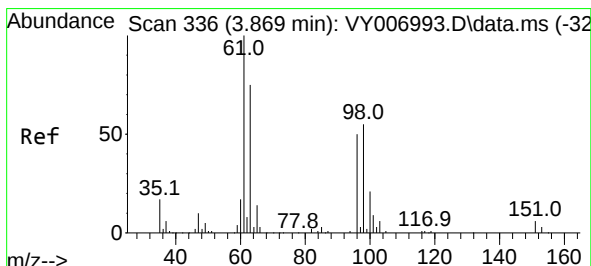
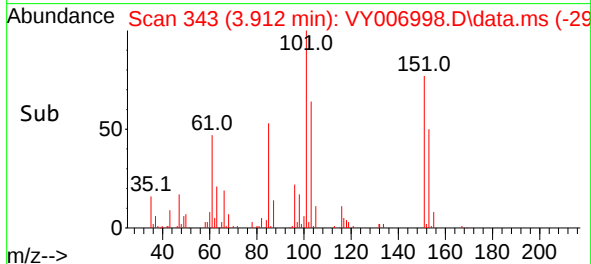
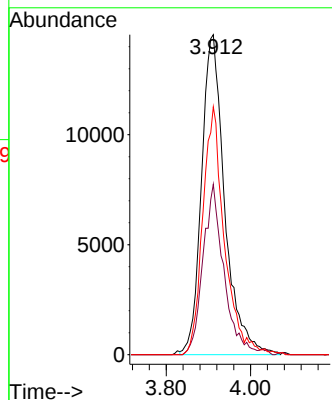
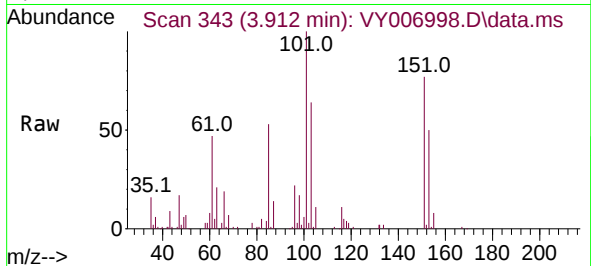




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.775 ug/L
RT: 3.912 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

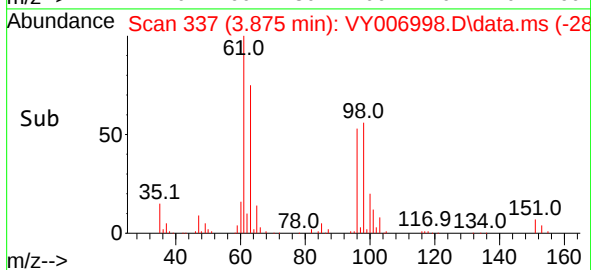
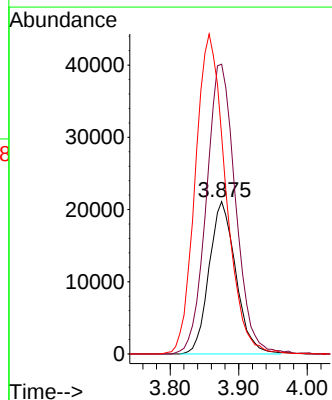
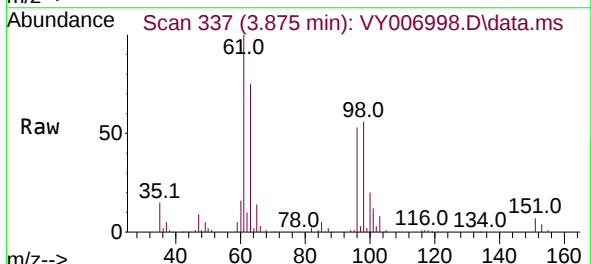
Instrument :
MSVOA_Y
ClientSampleId :

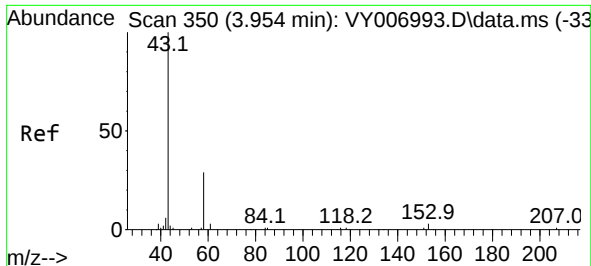
Tgt Ion:101 Resp: 55638
Ion Ratio Lower Upper
101 100
85 47.7 34.6 52.0
151 69.8 55.0 82.4



#12
1,1-Dichloroethene
Concen: 23.855 ug/L
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

Tgt Ion: 96 Resp: 57134
Ion Ratio Lower Upper
96 100
61 190.2 142.0 263.8
63 143.2 110.9 205.9

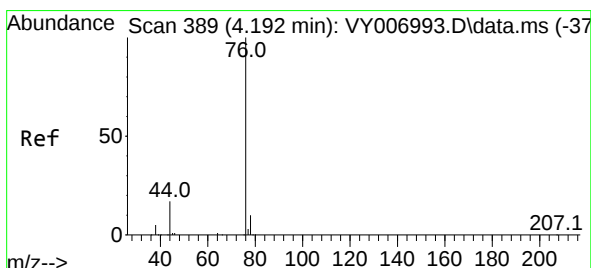
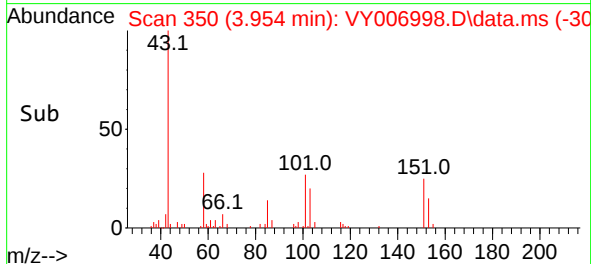
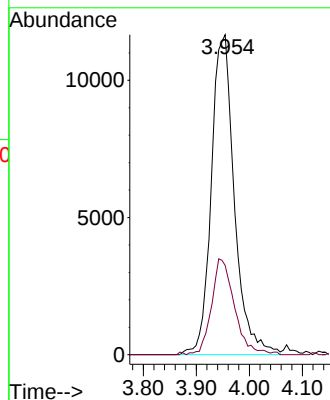
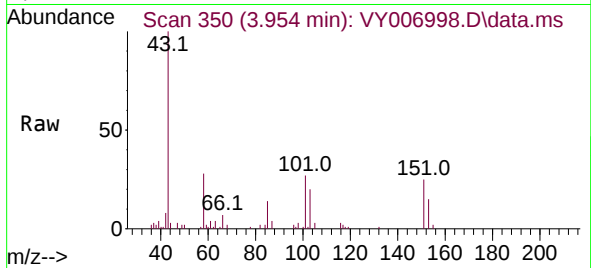




#13
Acetone
Concen: 39.018 ug/L
RT: 3.954 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

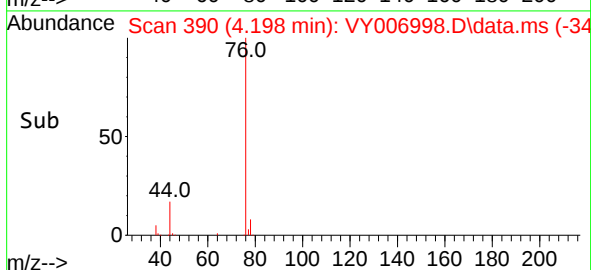
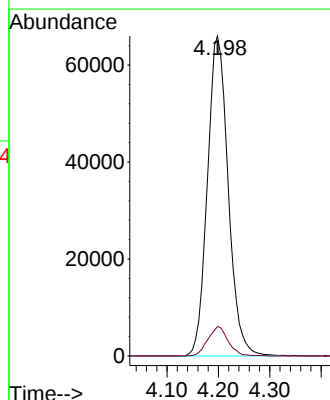
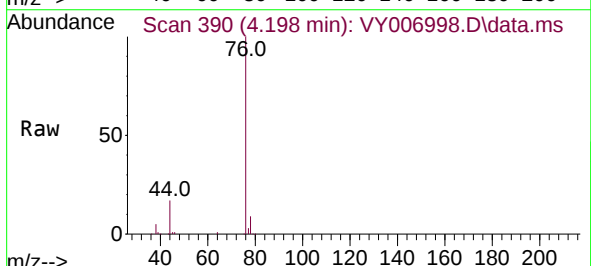
Instrument :
MSVOA_Y
ClientSampleId :

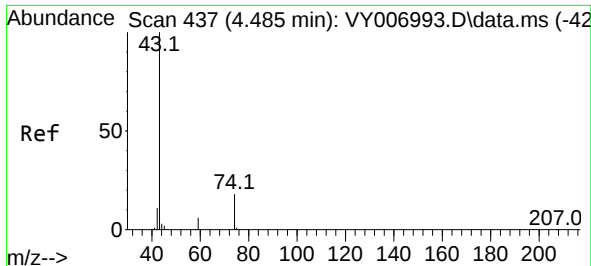
Tgt Ion: 43 Resp: 35251
Ion Ratio Lower Upper
43 100
58 29.1 0.0 56.4



#14
Carbon disulfide
Concen: 24.164 ug/L
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

Tgt Ion: 76 Resp: 185535
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8

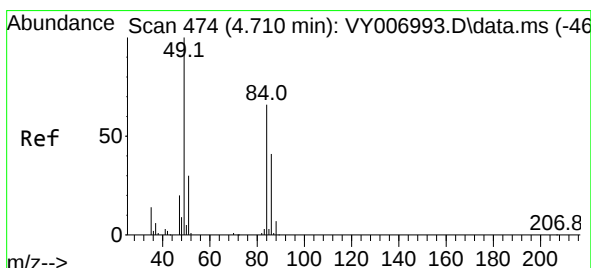
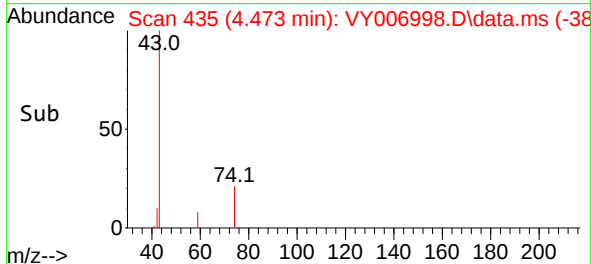
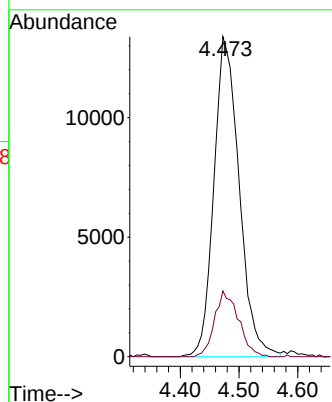
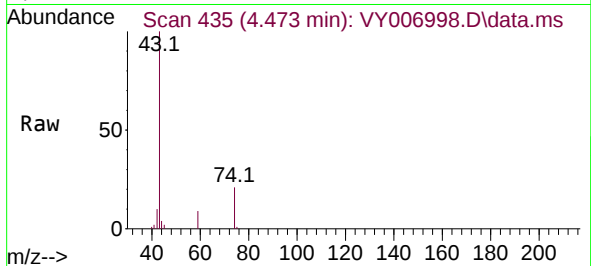




#15
Methyl Acetate
Concen: 21.155 ug/L
RT: 4.473 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

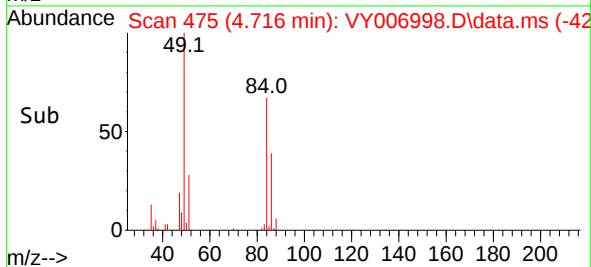
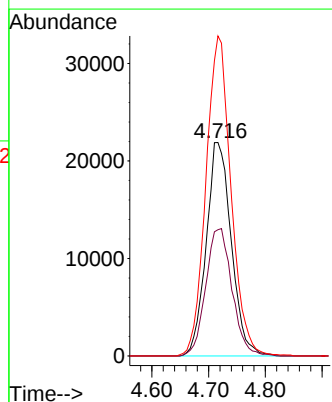
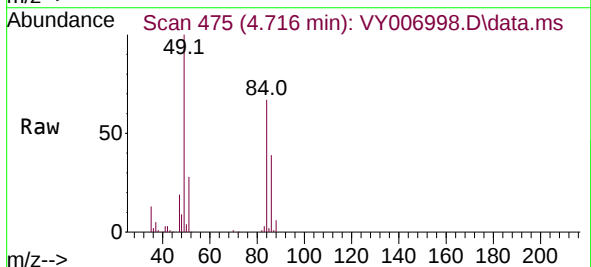
Instrument :
MSVOA_Y
ClientSampleId :

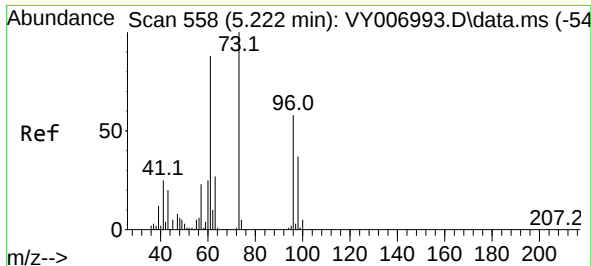
Tgt Ion: 43 Resp: 39953
Ion Ratio Lower Upper
43 100
74 19.4 5.6 8.4#



#16
Methylene chloride
Concen: 20.130 ug/L
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

Tgt Ion: 84 Resp: 67351
Ion Ratio Lower Upper
84 100
86 59.2 43.0 79.8
49 150.0 105.3 195.6





#17

trans-1,2-Dichloroethene

Concen: 24.065 ug/L

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY006998.D

Acq: 07 Dec 2021 15:31

Instrument :

MSVOA_Y

ClientSampleId :

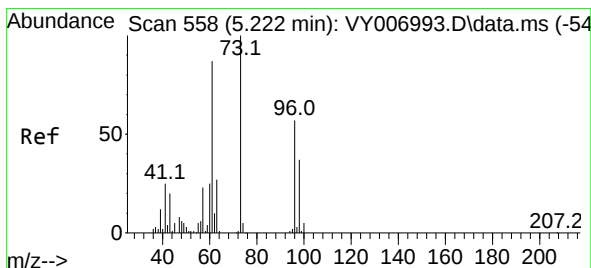
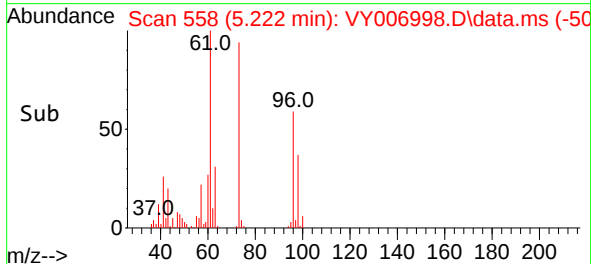
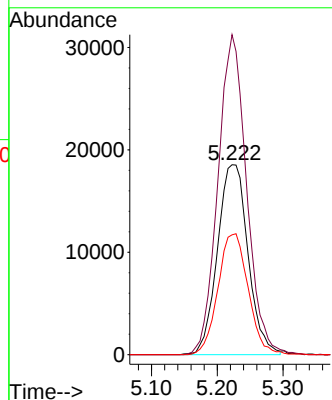
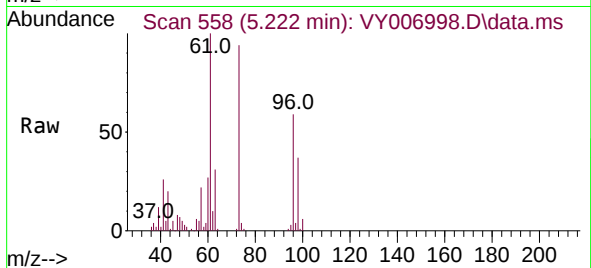
Tgt Ion: 96 Resp: 59986

Ion Ratio Lower Upper

96 100

61 168.5 106.5 197.9

98 63.1 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 22.498 ug/L

RT: 5.216 min Scan# 557

Delta R.T. -0.006 min

Lab File: VY006998.D

Acq: 07 Dec 2021 15:31

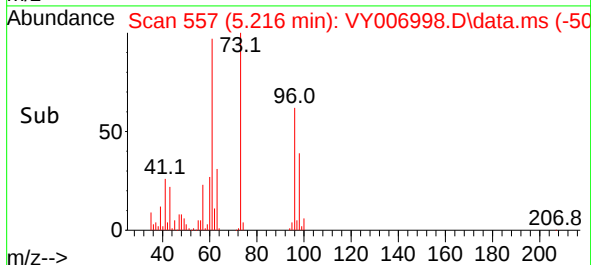
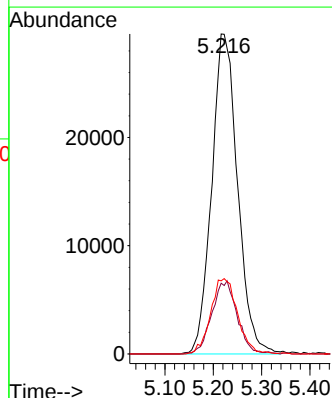
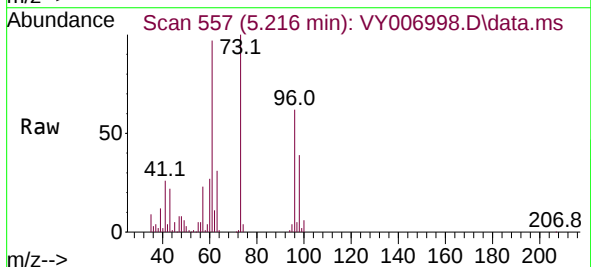
Tgt Ion: 73 Resp: 109760

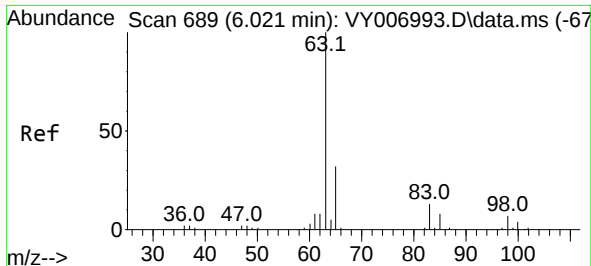
Ion Ratio Lower Upper

73 100

43 22.1 17.7 26.5

57 24.0 19.4 29.2





#19

1,1-Dichloroethane

Concen: 23.760 ug/L

RT: 6.021 min Scan# 61

Delta R.T. -0.000 min

Lab File: VY006998.D

Acq: 07 Dec 2021 15:31

Instrument :

MSVOA_Y

ClientSampleId :

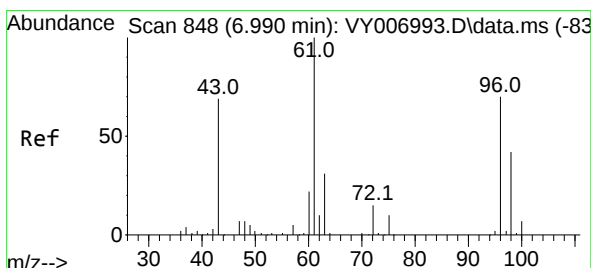
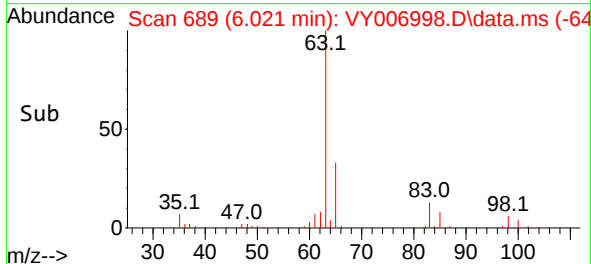
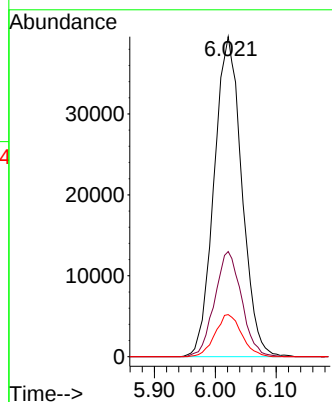
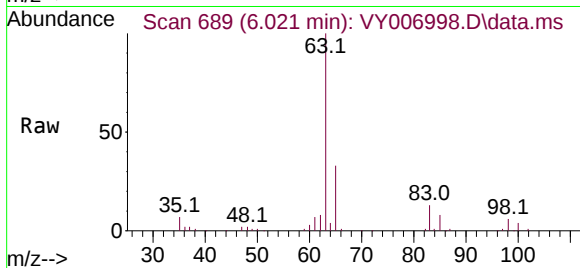
Tgt Ion: 63 Resp: 124978

Ion Ratio Lower Upper

63 100

65 32.9 22.7 42.1

83 13.2 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 24.346 ug/L

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY006998.D

Acq: 07 Dec 2021 15:31

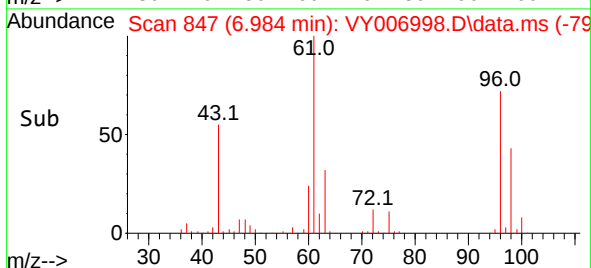
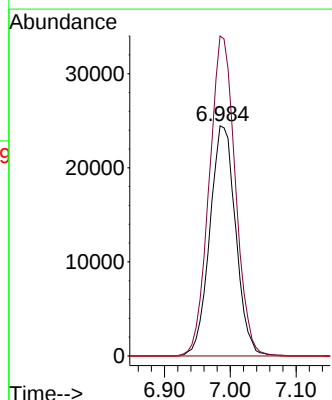
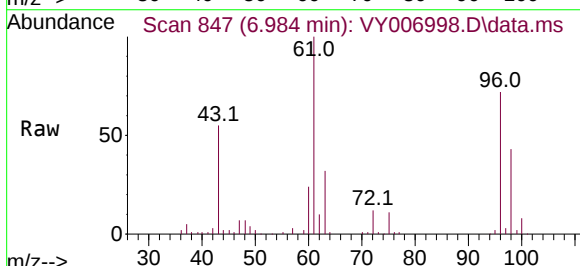
Tgt Ion: 96 Resp: 66918

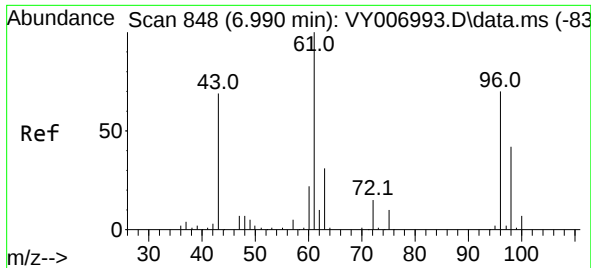
Ion Ratio Lower Upper

96 100

61 139.1 100.2 186.0

68 0.0 0.0 0.0

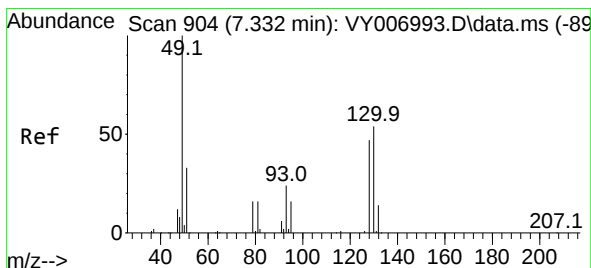
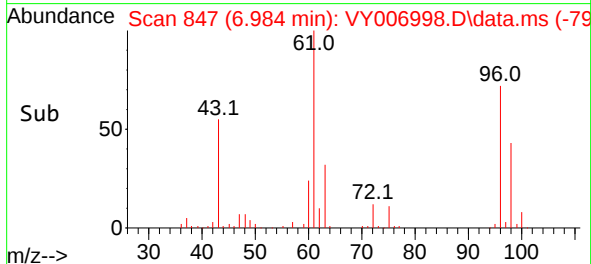
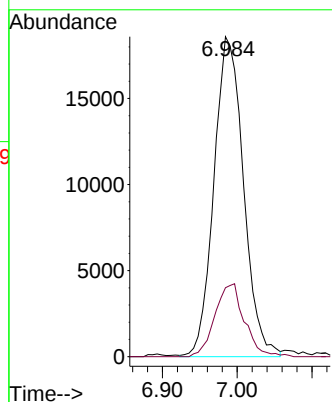
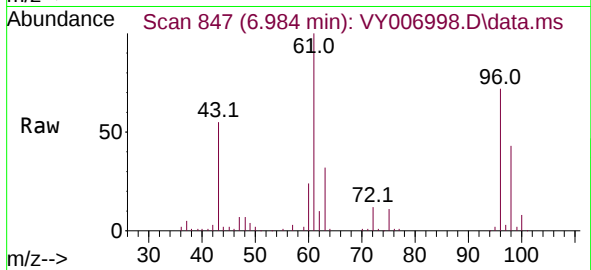




#22
2-Butanone
Concen: 40.207 ug/L
RT: 6.984 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

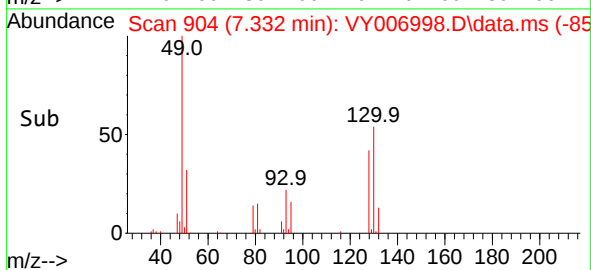
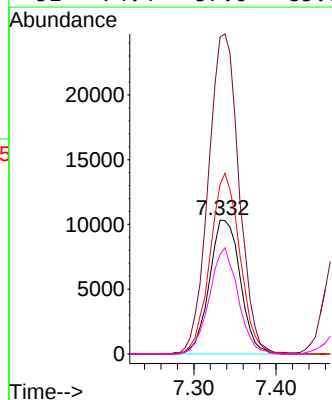
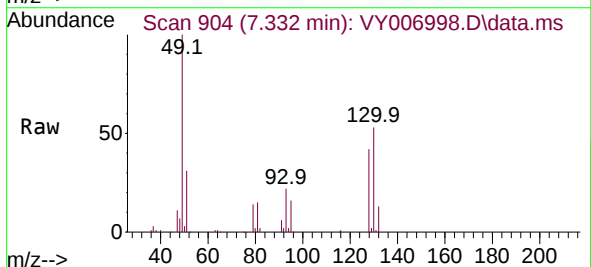
Instrument :
MSVOA_Y
ClientSampleId :

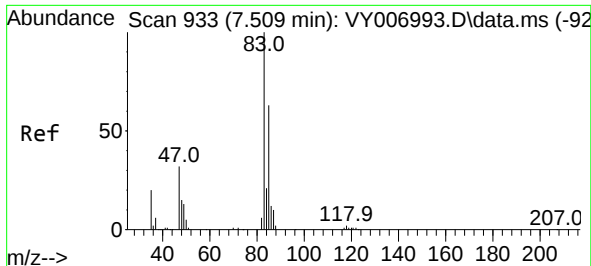
Tgt Ion: 43 Resp: 51144
Ion Ratio Lower Upper
43 100
72 22.6 11.4 34.2



#23
Bromochloromethane
Concen: 22.357 ug/L
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

Tgt Ion:128 Resp: 26881
Ion Ratio Lower Upper
128 100
49 237.0 150.1 278.7
130 126.5 81.1 150.5
51 74.4 57.0 85.6

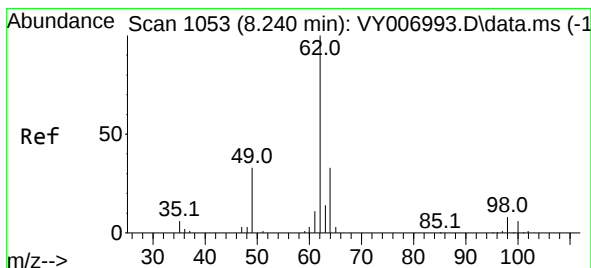
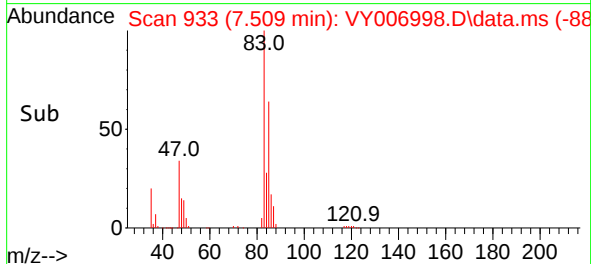
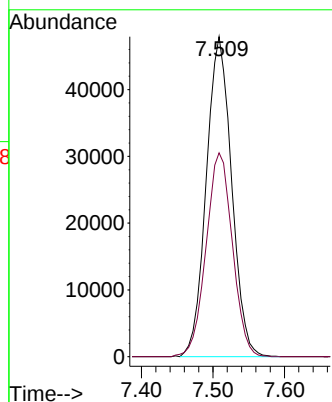
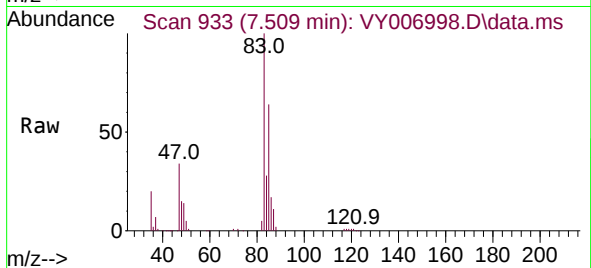




#25
Chloroform
Concen: 23.312 ug/L
RT: 7.509 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

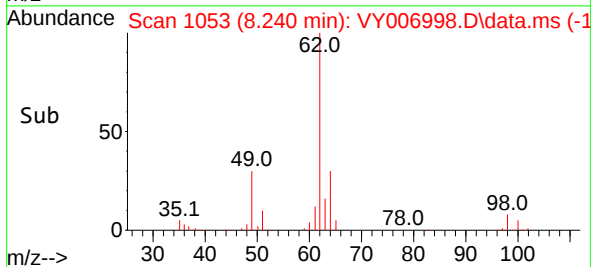
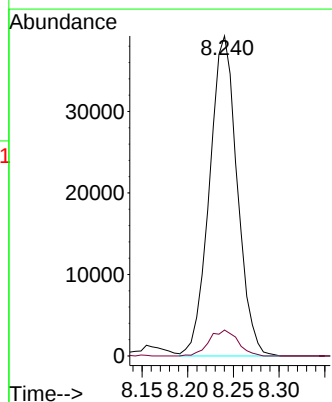
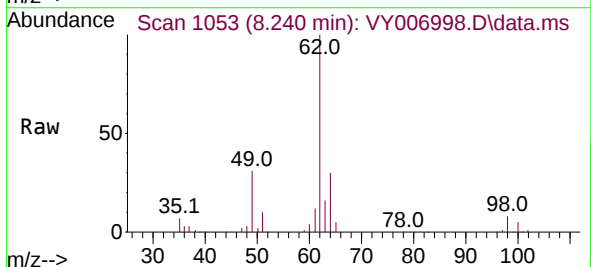
Instrument :
MSVOA_Y
ClientSampleId :

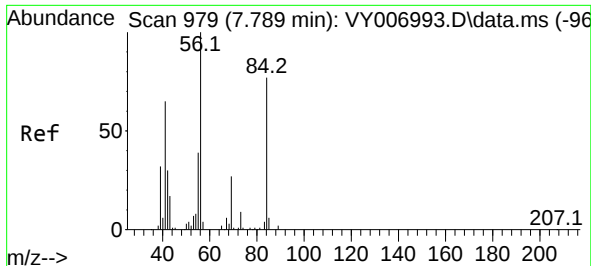
Tgt Ion: 83 Resp: 117716
Ion Ratio Lower Upper
83 100
85 63.7 43.9 81.5



#27
1,2-Dichloroethane
Concen: 23.017 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

Tgt Ion: 62 Resp: 82885
Ion Ratio Lower Upper
62 100
98 8.1 6.6 9.8





#29

Cyclohexane

Concen: 21.341 ug/L

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

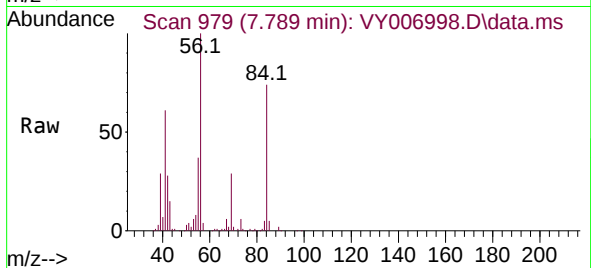
Lab File: VY006998.D

Acq: 07 Dec 2021 15:31

Instrument :

MSVOA_Y

ClientSampleId :



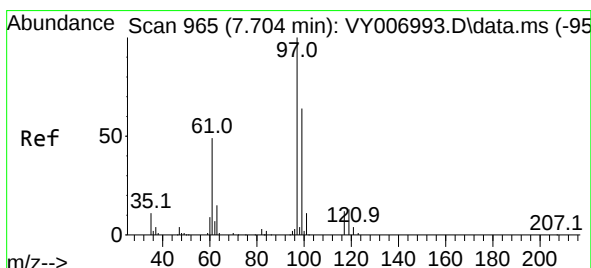
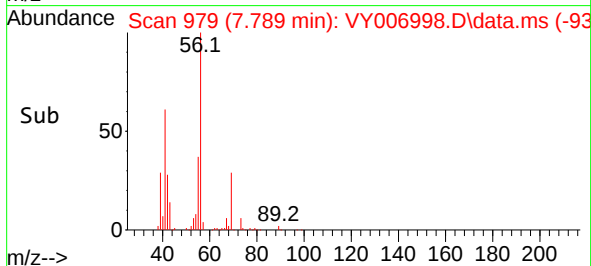
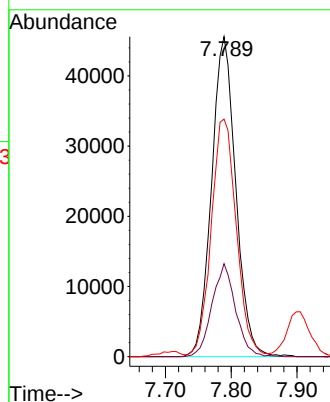
Tgt Ion: 56 Resp: 116676

Ion Ratio Lower Upper

56 100

69 28.1 22.0 33.0

84 75.9 61.7 92.5



#30

1,1,1-Trichloroethane

Concen: 20.628 ug/L

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY006998.D

Acq: 07 Dec 2021 15:31

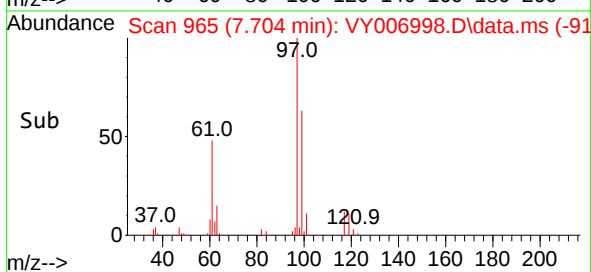
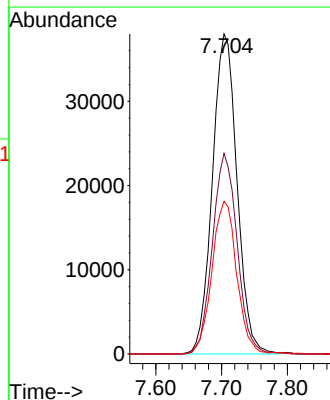
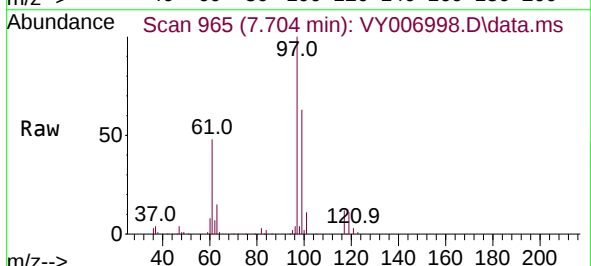
Tgt Ion: 97 Resp: 99055

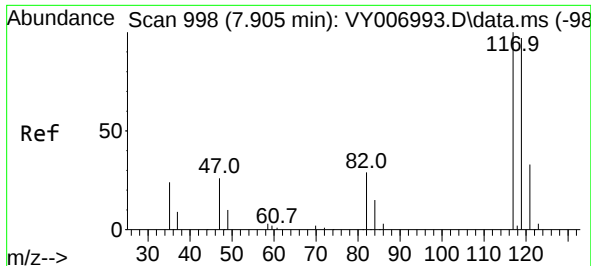
Ion Ratio Lower Upper

97 100

99 62.6 50.7 76.1

61 48.3 38.5 57.7

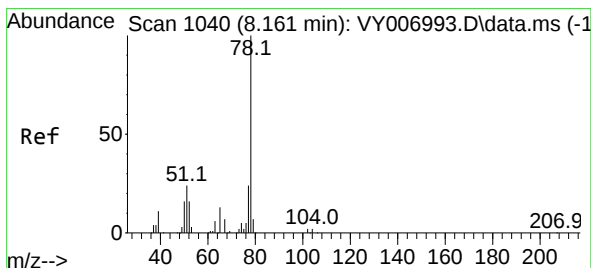
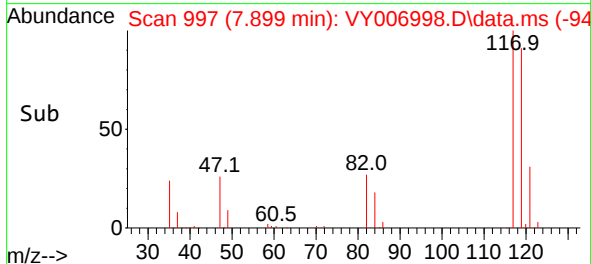
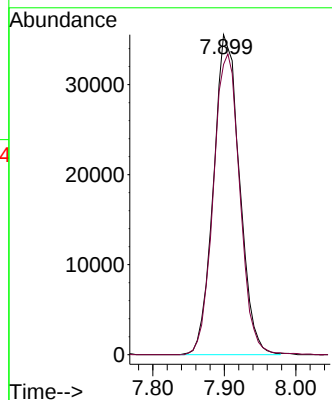
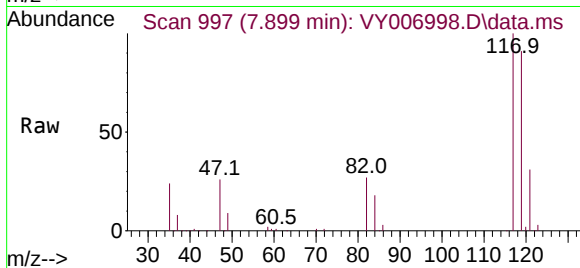




#31
Carbon tetrachloride
Concen: 20.627 ug/L
RT: 7.899 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

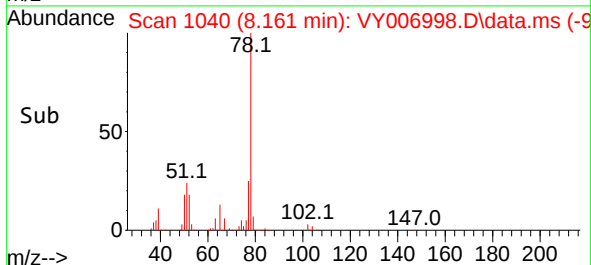
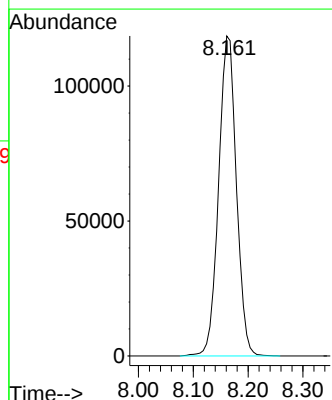
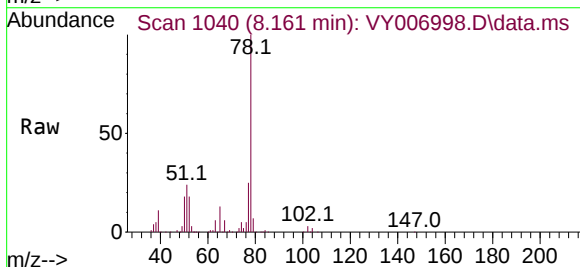
Instrument :
MSVOA_Y
ClientSampleId :

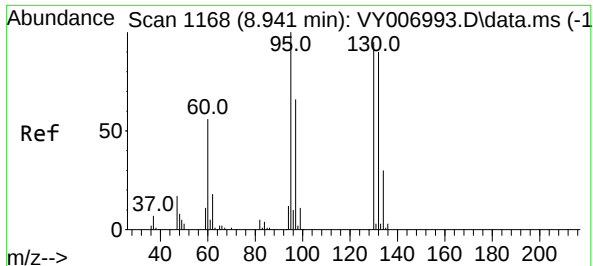
Tgt Ion:117 Resp: 90104
Ion Ratio Lower Upper
117 100
119 95.2 76.4 114.6



#33
Benzene
Concen: 20.559 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

Tgt Ion: 78 Resp: 267448





#34

Trichloroethene

Concen: 20.779 ug/L

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

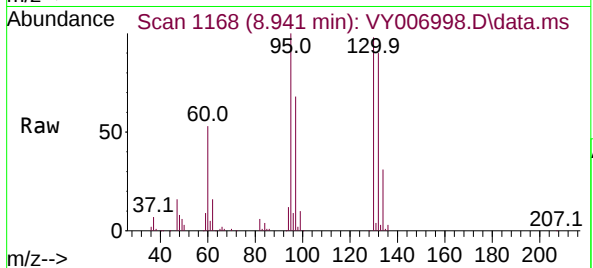
Lab File: VY006998.D

Acq: 07 Dec 2021 15:31

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 95 Resp: 65307

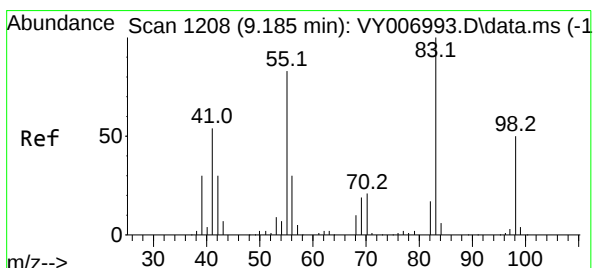
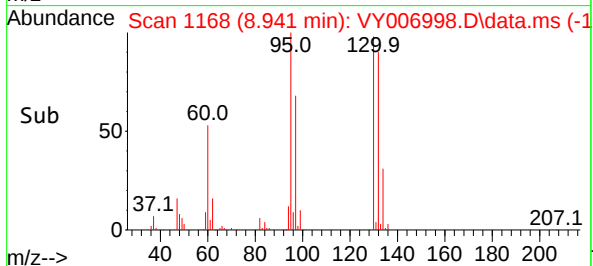
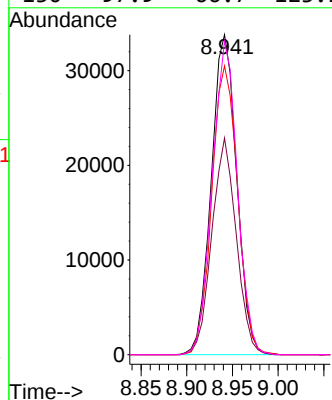
Ion Ratio Lower Upper

95 100

97 67.7 46.4 86.2

132 90.2 63.0 117.0

130 97.9 66.7 123.9



#35

Methylcyclohexane

Concen: 20.931 ug/L

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

Lab File: VY006998.D

Acq: 07 Dec 2021 15:31

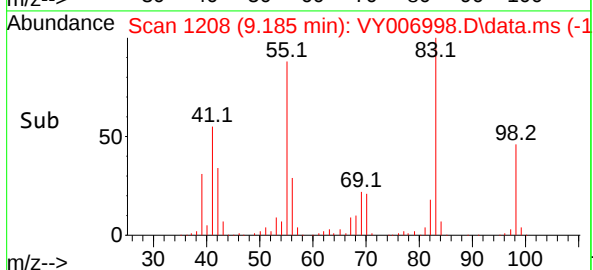
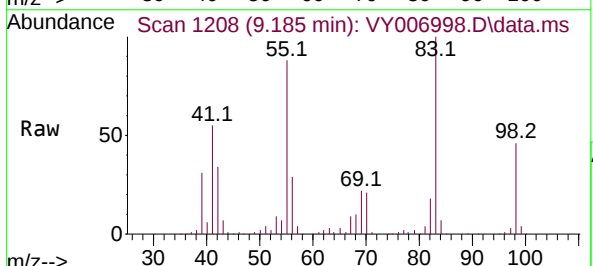
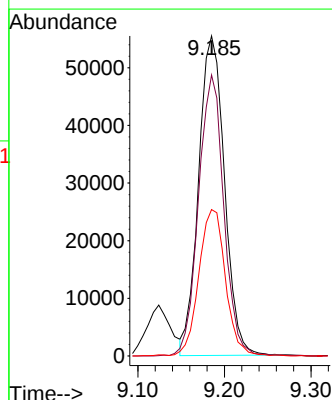
Tgt Ion: 83 Resp: 114904

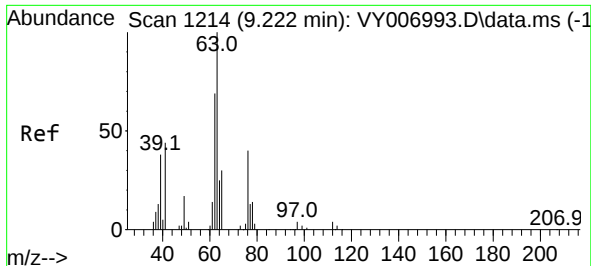
Ion Ratio Lower Upper

83 100

55 85.8 68.9 103.3

98 47.2 37.8 56.8





#37

1,2-Dichloropropane

Concen: 20.235 ug/L

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY006998.D

Acq: 07 Dec 2021 15:31

Instrument :

MSVOA_Y

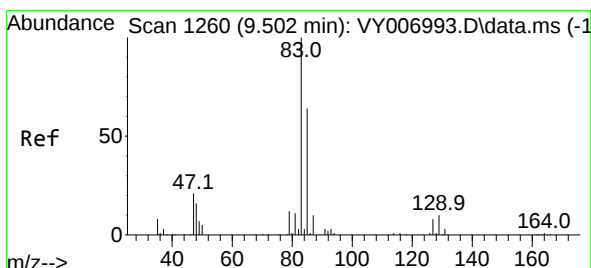
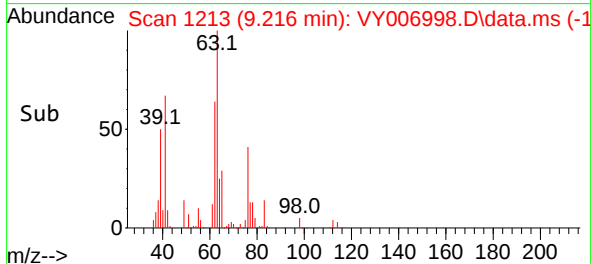
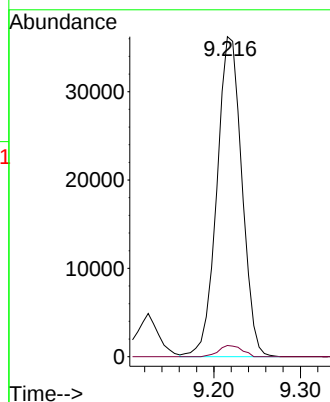
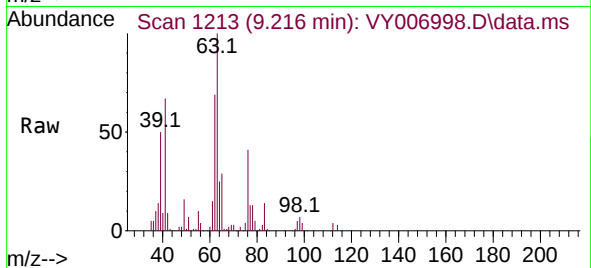
ClientSampleId :

Tgt Ion: 63 Resp: 72716

Ion Ratio Lower Upper

63 100

112 3.3 2.8 4.2



#38

Bromodichloromethane

Concen: 20.638 ug/L

RT: 9.496 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY006998.D

Acq: 07 Dec 2021 15:31

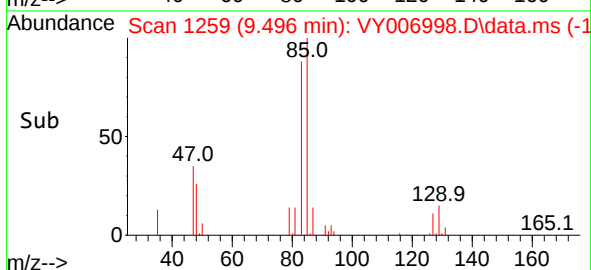
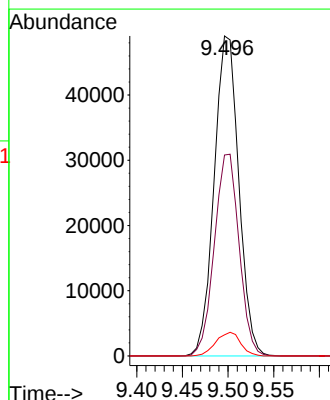
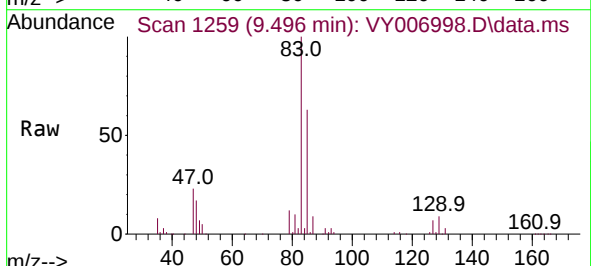
Tgt Ion: 83 Resp: 92015

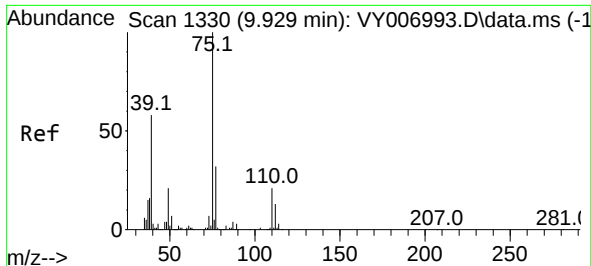
Ion Ratio Lower Upper

83 100

85 62.8 44.7 82.9

127 6.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 20.459 ug/L

RT: 9.929 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006998.D

Acq: 07 Dec 2021 15:31

Instrument :

MSVOA_Y

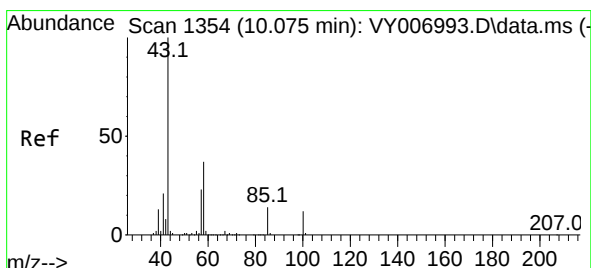
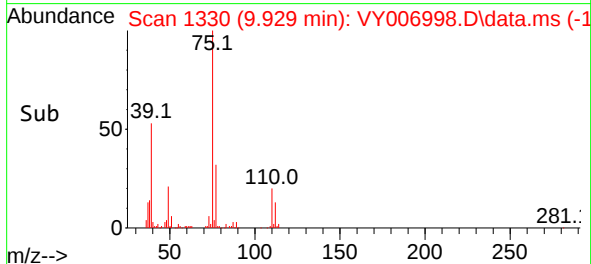
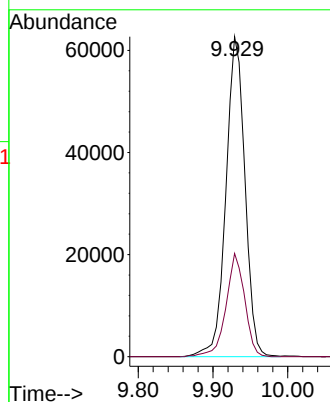
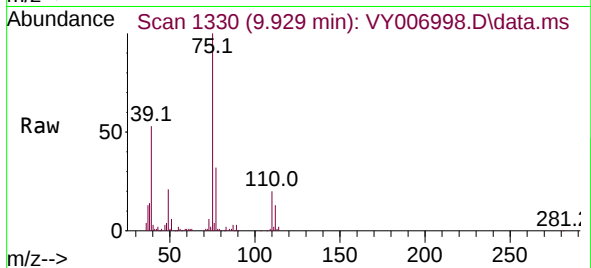
ClientSampleId :

Tgt Ion: 75 Resp: 111090

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 38.633 ug/L

RT: 10.069 min Scan# 1353

Delta R.T. -0.006 min

Lab File: VY006998.D

Acq: 07 Dec 2021 15:31

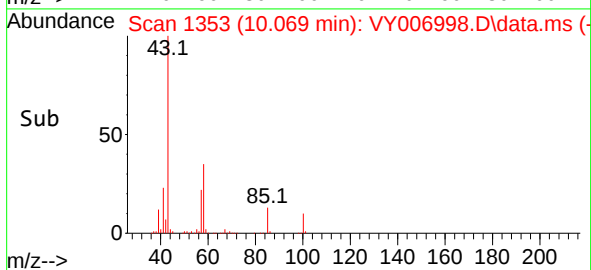
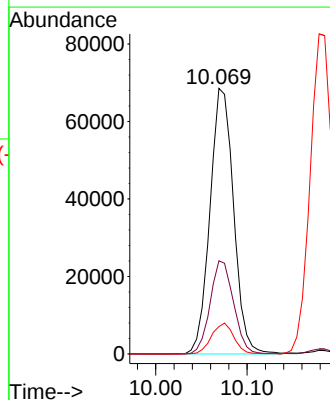
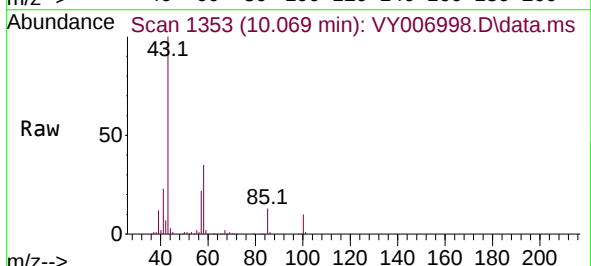
Tgt Ion: 43 Resp: 123220

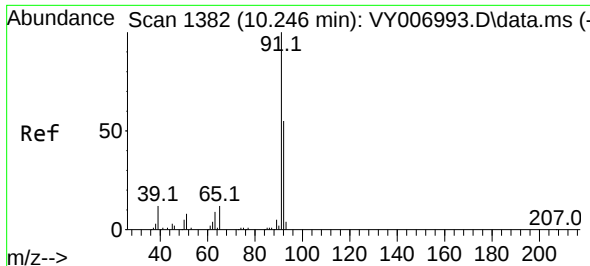
Ion Ratio Lower Upper

43 100

58 34.7 28.6 42.8

100 11.0 9.2 13.8

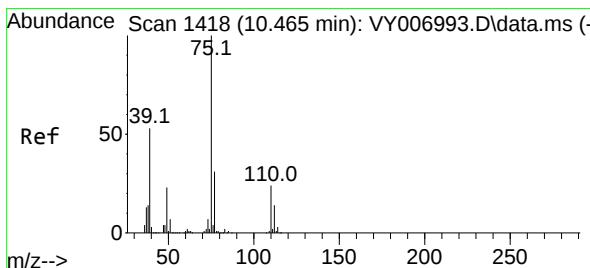
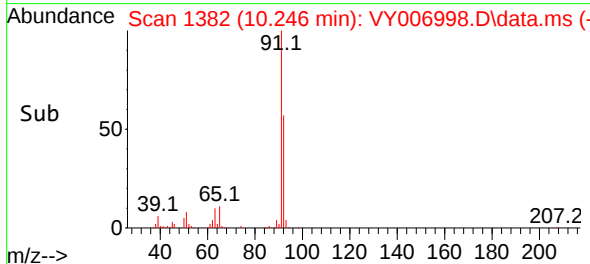
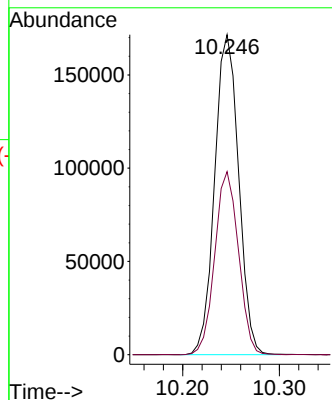
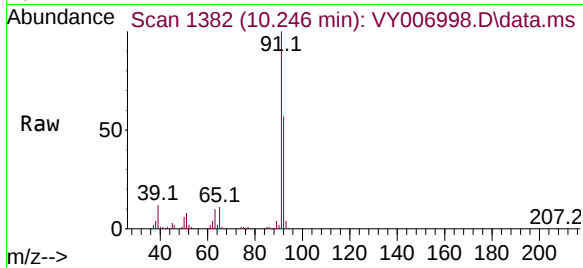




#42
Toluene
Concen: 21.490 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

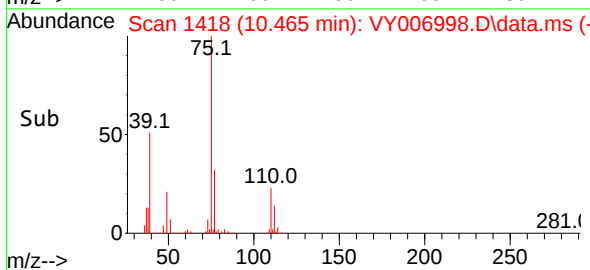
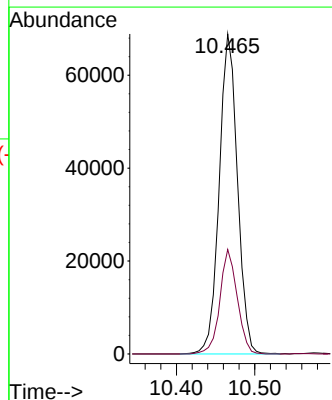
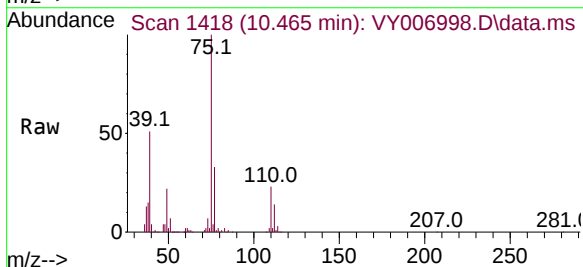
Instrument :
MSVOA_Y
ClientSampleId :

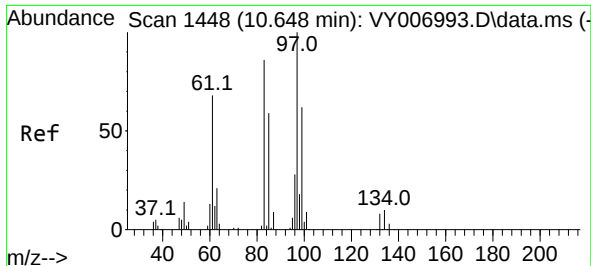
Tgt Ion: 91 Resp: 295266
Ion Ratio Lower Upper
91 100
92 57.2 38.2 71.0



#44
trans-1,3-Dichloropropene
Concen: 22.174 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

Tgt Ion: 75 Resp: 111598
Ion Ratio Lower Upper
75 100
77 32.6 21.8 40.6

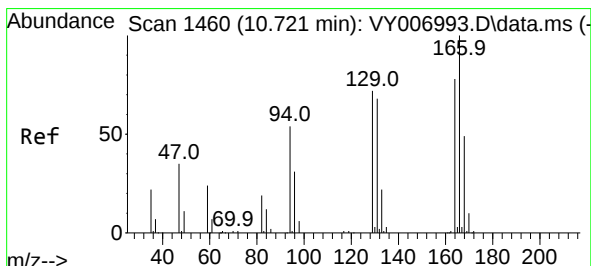
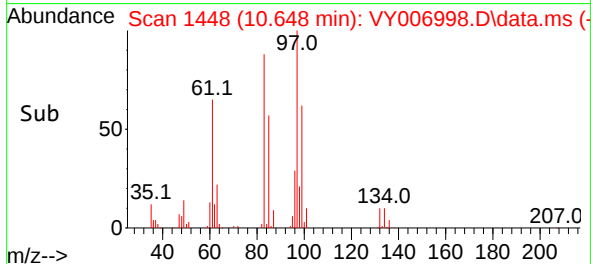
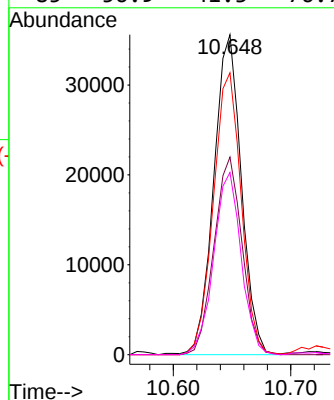
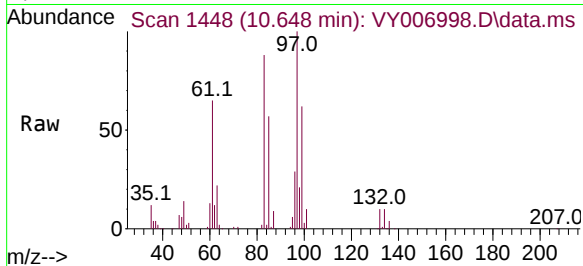




#45
1,1,2-Trichloroethane
Concen: 22.777 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

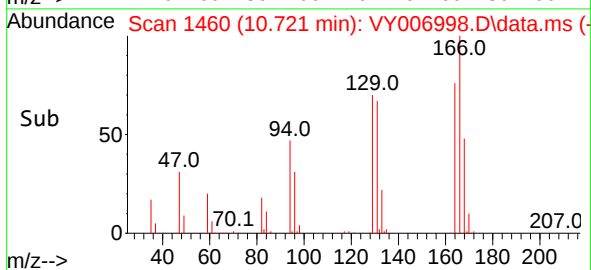
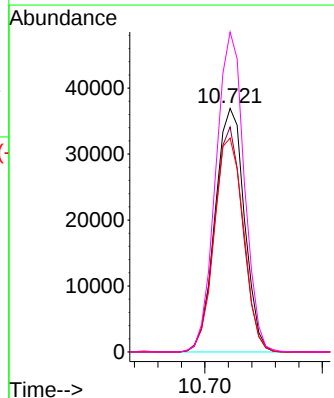
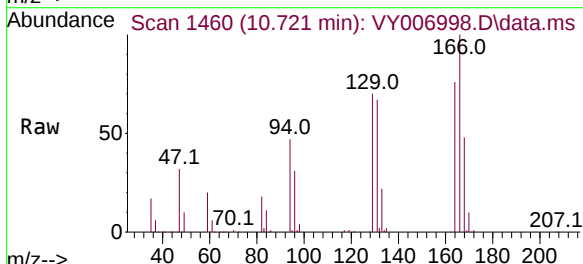
Instrument :
MSVOA_Y
ClientSampleId :

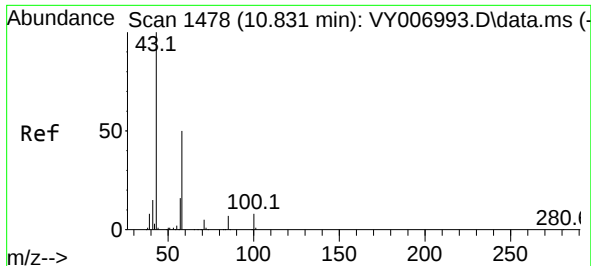
Tgt Ion: 97	Resp: 58059
Ion Ratio	Lower Upper
97 100	
99 61.7	43.4 80.6
83 88.1	59.8 111.1
85 56.9	41.3 76.7



#46
Tetrachloroethene
Concen: 26.573 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

Tgt	Ion:164	Resp:	64146
Ion	Ratio	Lower	Upper
164	100		
129	92.4	64.0	118.8
131	87.8	60.5	112.5
166	131.4	89.2	165.8

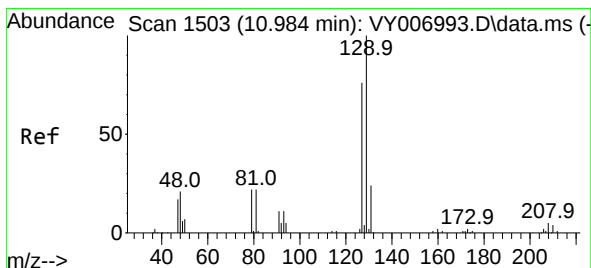
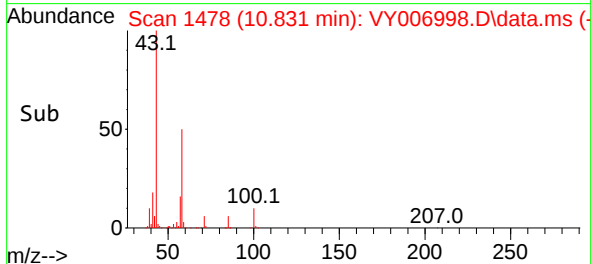
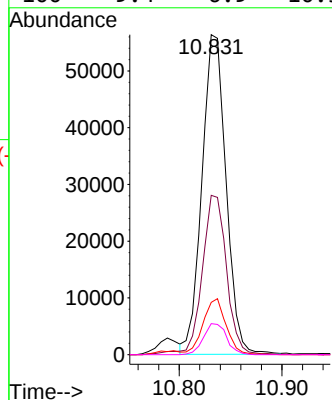
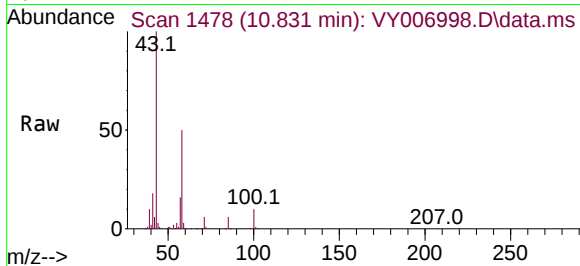




#48
2-Hexanone
Concen: 42.329 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

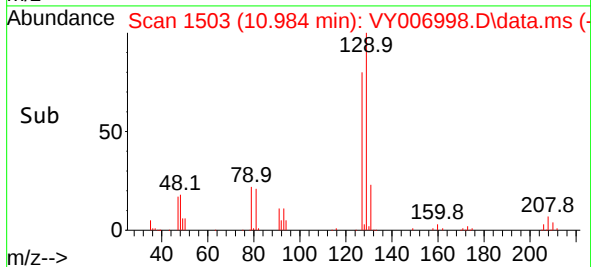
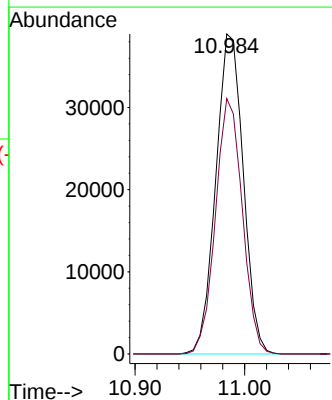
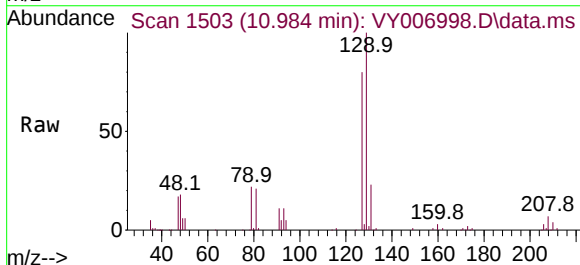
Instrument :
MSVOA_Y
ClientSampleId :

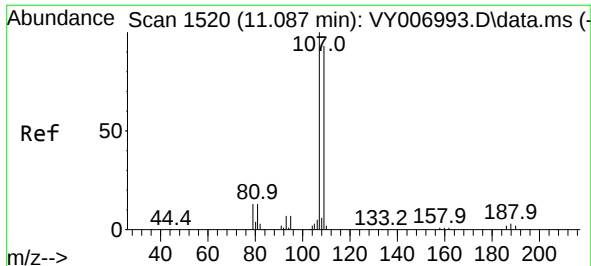
Tgt Ion: 43	Resp: 92177
Ion Ratio	Lower Upper
43 100	
58 49.4	40.1 60.1
57 16.9	13.0 19.6
100 9.4	6.9 10.3



#49
Dibromochloromethane
Concen: 23.299 ug/L
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

Tgt Ion:129	Resp: 67939		
Ion Ratio	Lower	Upper	
129 100			
127 79.8	52.8	98.2	

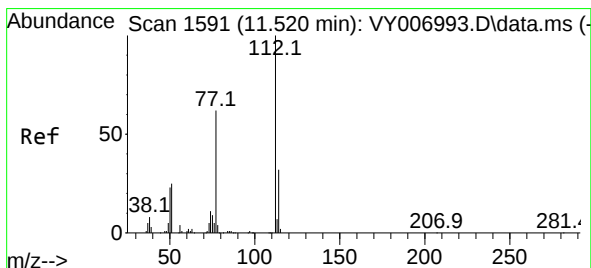
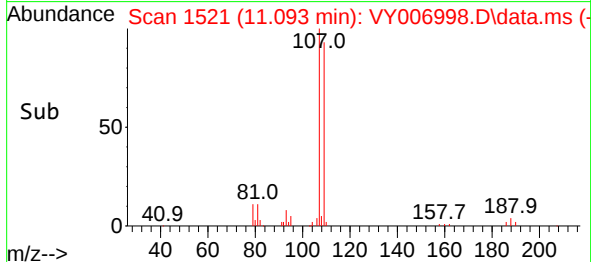
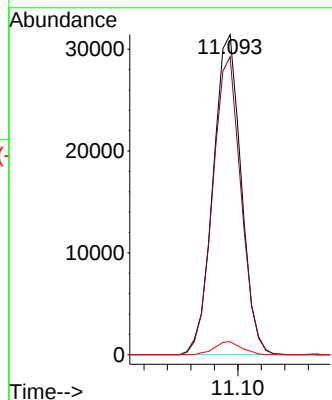
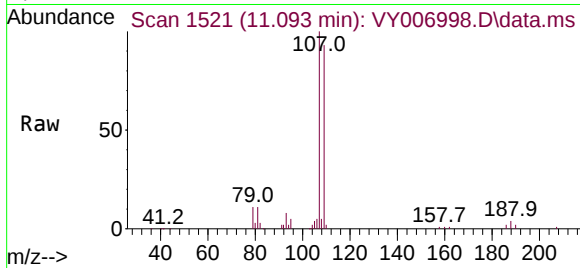




#50
1,2-Dibromoethane
Concen: 21.813 ug/L
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

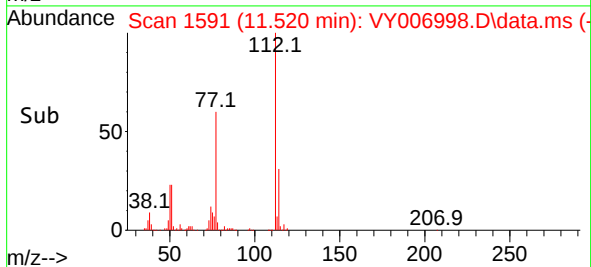
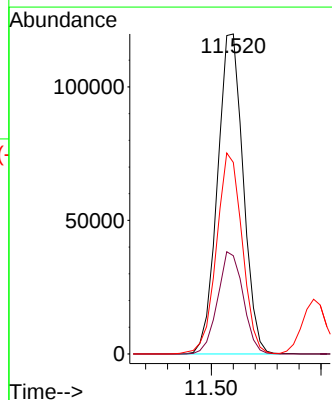
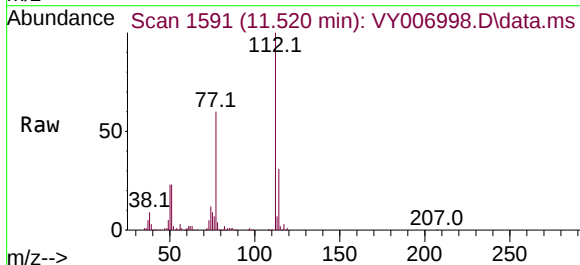
Instrument :
MSVOA_Y
ClientSampleId :

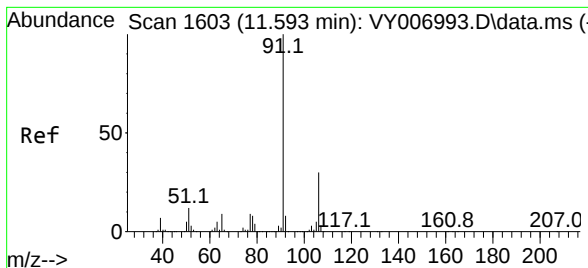
Tgt Ion:107 Resp: 52114
Ion Ratio Lower Upper
107 100
109 93.1 65.5 121.7
188 4.1 2.6 3.8#



#51
Chlorobenzene
Concen: 23.987 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

Tgt Ion:112 Resp: 195278
Ion Ratio Lower Upper
112 100
114 30.7 22.3 41.3
77 59.9 49.8 74.8

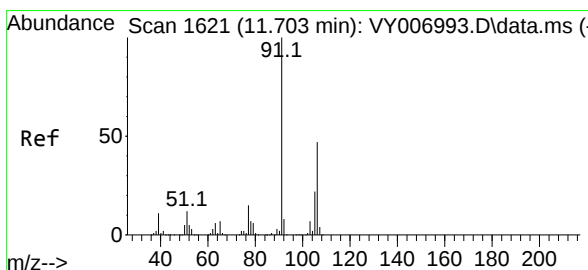
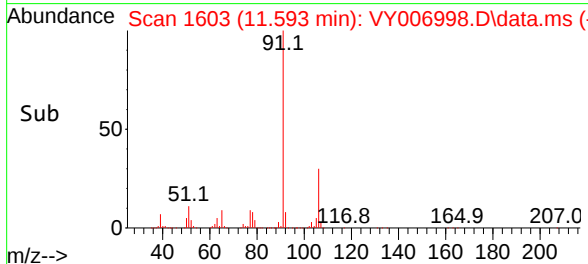
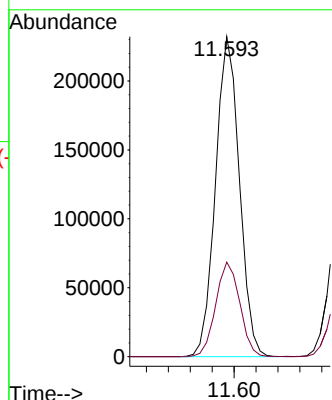
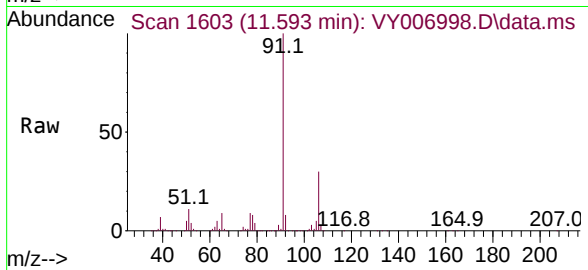




#52
Ethylbenzene
Concen: 23.274 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

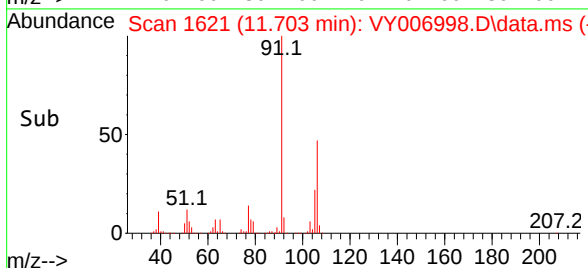
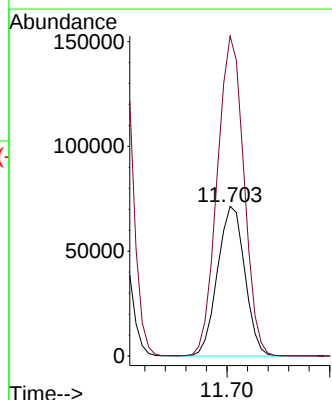
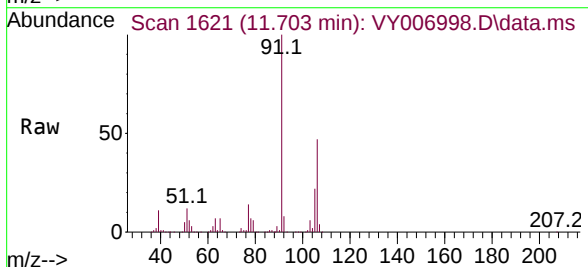
Instrument :
MSVOA_Y
ClientSampleId :

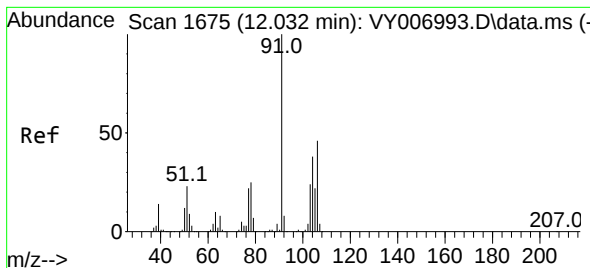
Tgt Ion: 91 Resp: 351118
Ion Ratio Lower Upper
91 100
106 29.5 21.3 39.6



#53
m,p-Xylene
Concen: 23.692 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

Tgt Ion:106 Resp: 131647
Ion Ratio Lower Upper
106 100
91 214.0 148.8 276.4





#54

o-Xylene

Concen: 23.242 ug/L

RT: 12.032 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006998.D

Acq: 07 Dec 2021 15:31

Instrument :

MSVOA_Y

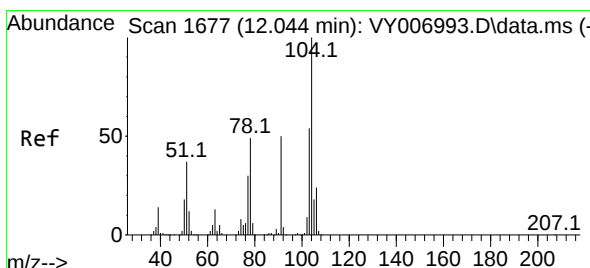
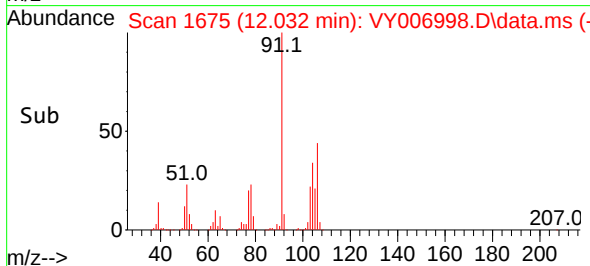
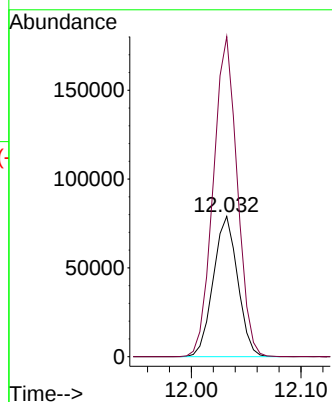
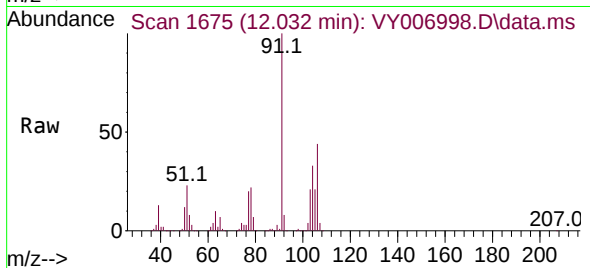
ClientSampleId :

Tgt Ion:106 Resp: 122252

Ion Ratio Lower Upper

106 100

91 228.1 152.0 282.2



#55

Styrene

Concen: 23.128 ug/L

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY006998.D

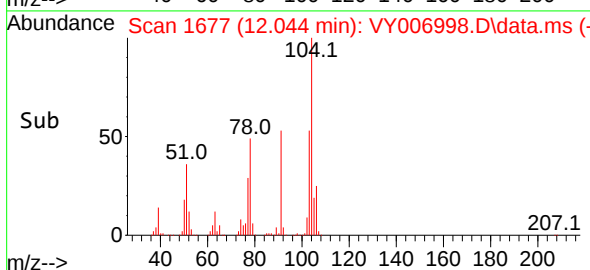
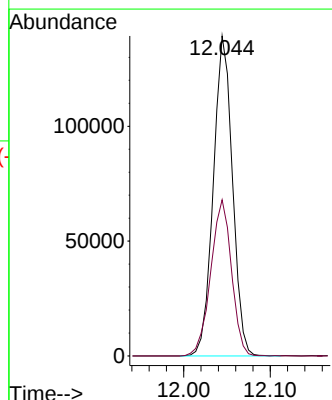
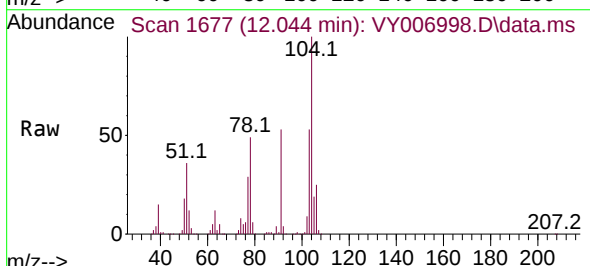
Acq: 07 Dec 2021 15:31

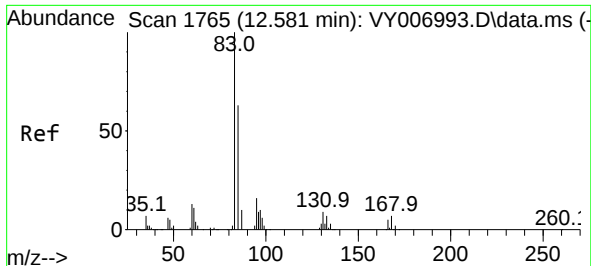
Tgt Ion:104 Resp: 214407

Ion Ratio Lower Upper

104 100

78 48.8 34.2 63.6

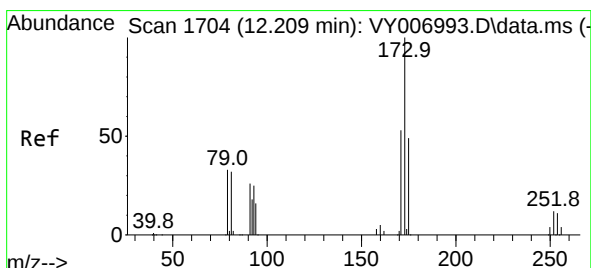
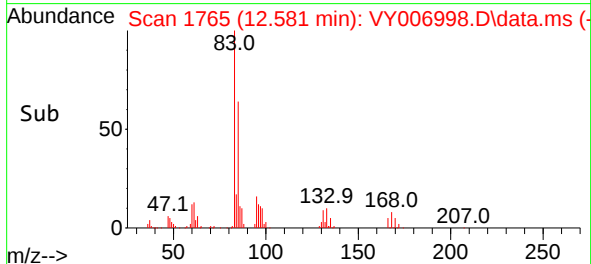
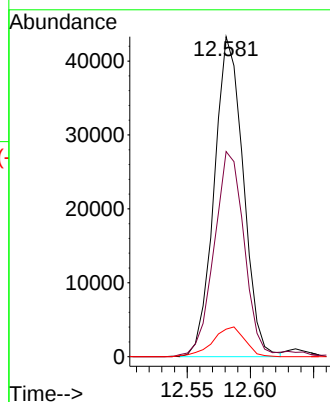
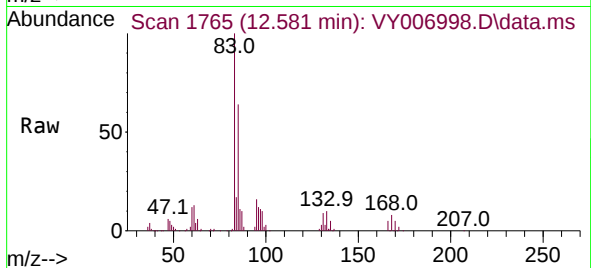




#57
1,1,2,2-Tetrachloroethane
Concen: 20.375 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

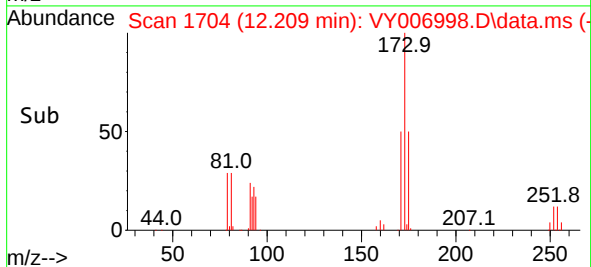
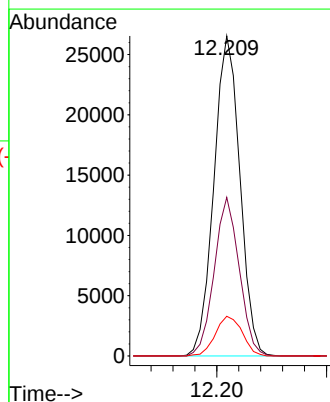
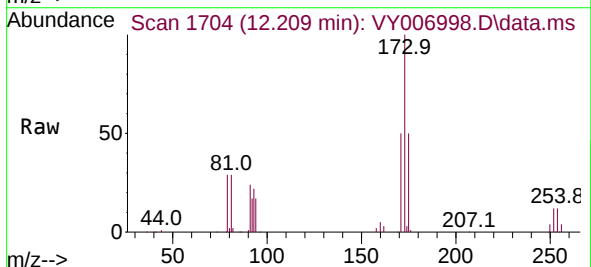
Instrument :
MSVOA_Y
ClientSampleId :

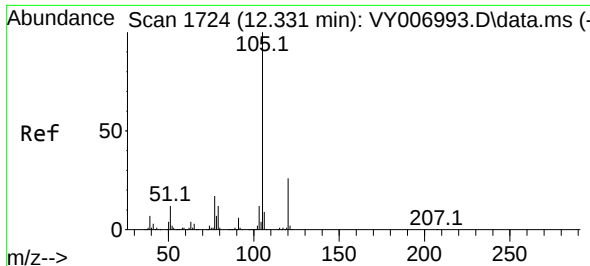
Tgt Ion: 83 Resp: 69011
Ion Ratio Lower Upper
83 100
85 64.1 44.2 82.2
131 8.6 7.4 11.0



#59
Bromoform
Concen: 24.647 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

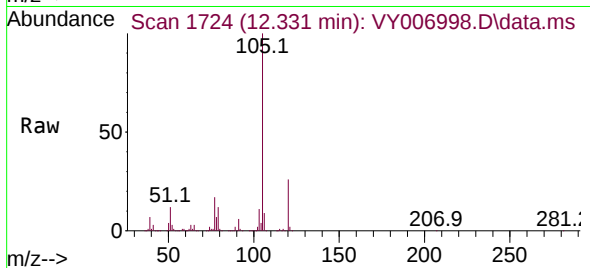
Tgt Ion: 173 Resp: 43707
Ion Ratio Lower Upper
173 100
175 47.7 39.2 58.8
254 12.8 9.3 13.9



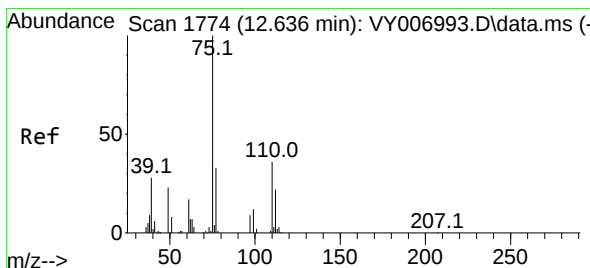
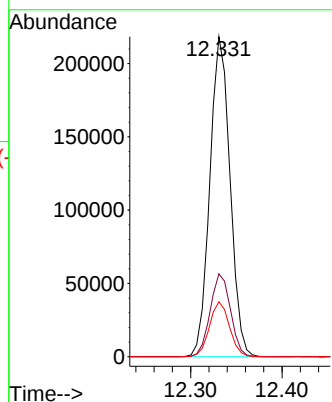
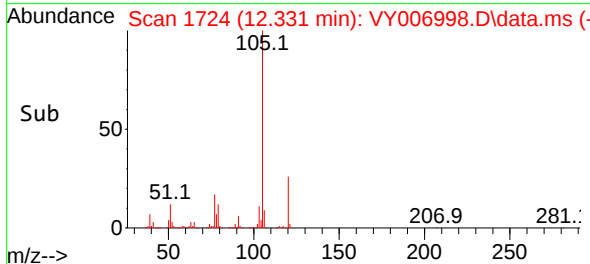


#60
Isopropylbenzene
Concen: 25.337 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

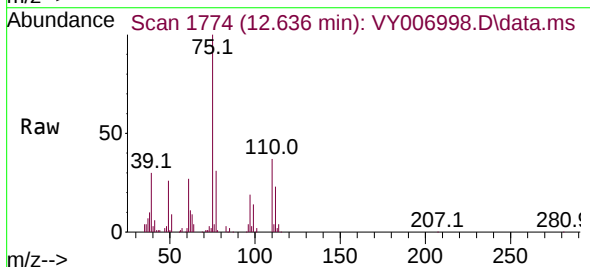
Instrument :
MSVOA_Y
ClientSampleId :



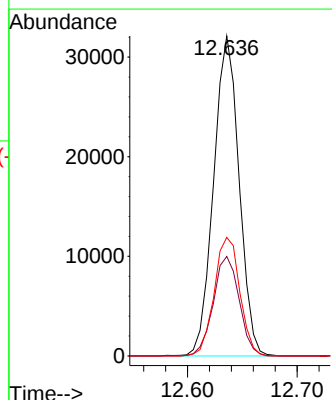
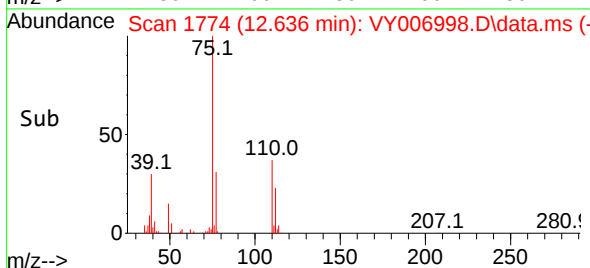
Tgt Ion:105 Resp: 335151
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 17.0 13.5 20.3

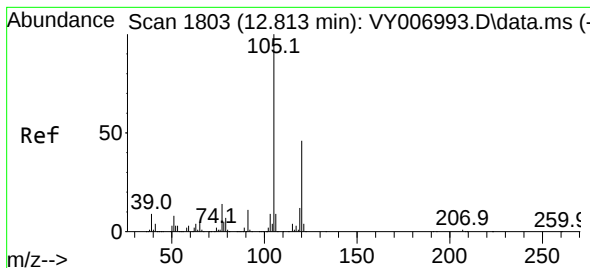


#61
1,2,3-Trichloropropane
Concen: 21.221 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31



Tgt Ion: 75 Resp: 51816
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
110 37.2 28.7 43.1

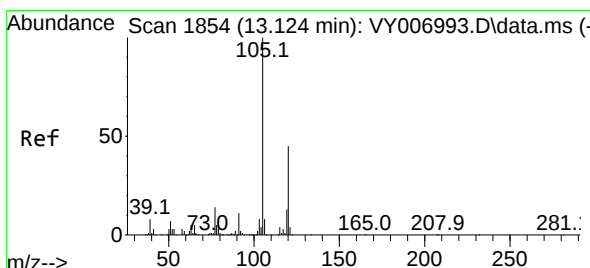
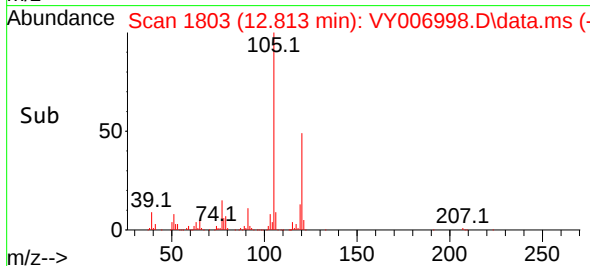
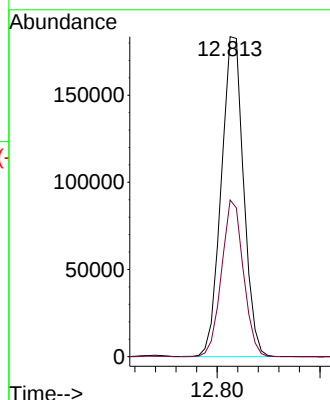
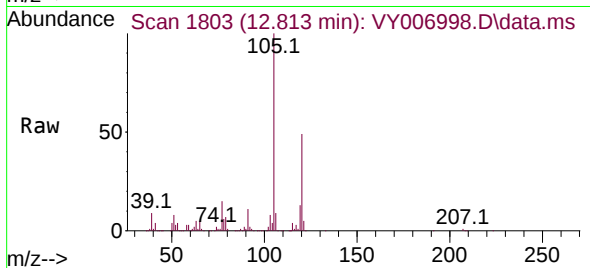




#62
 1,3,5-Trimethylbenzene
 Concen: 25.993 ug/L
 RT: 12.813 min Scan# 1803
 Delta R.T. -0.000 min
 Lab File: VY006998.D
 Acq: 07 Dec 2021 15:31

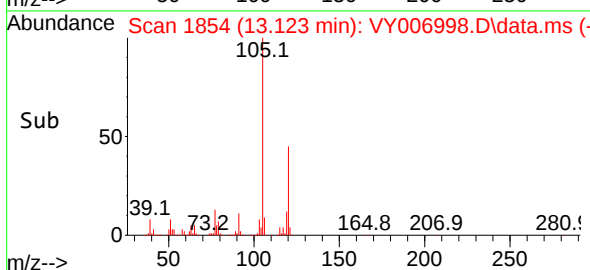
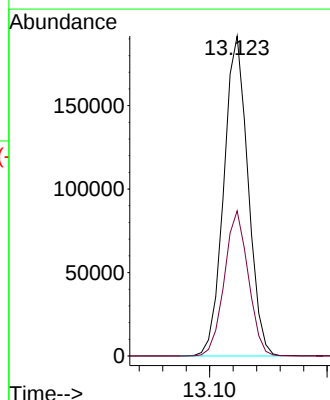
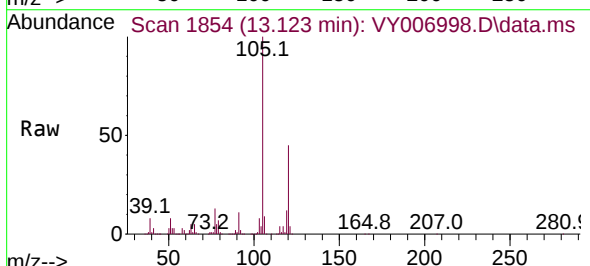
Instrument :
 MSVOA_Y
 ClientSampleId :

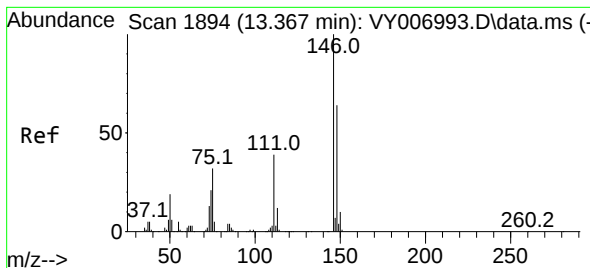
Tgt Ion:105 Resp: 276251
 Ion Ratio Lower Upper
 105 100
 120 48.0 37.4 56.0



#63
 1,2,4-Trimethylbenzene
 Concen: 24.936 ug/L
 RT: 13.123 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: VY006998.D
 Acq: 07 Dec 2021 15:31

Tgt Ion:105 Resp: 274245
 Ion Ratio Lower Upper
 105 100
 120 44.8 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 23.920 ug/L

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006998.D

Acq: 07 Dec 2021 15:31

Instrument :

MSVOA_Y

ClientSampleId :

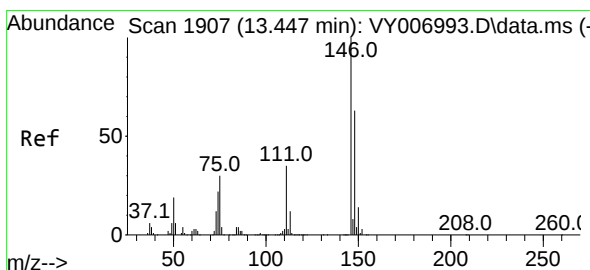
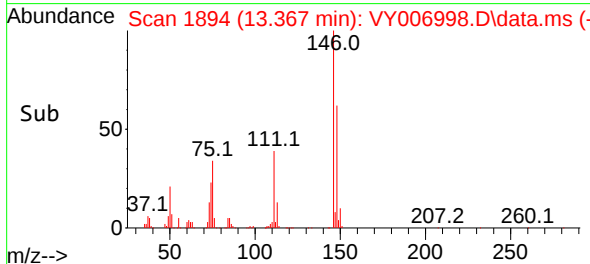
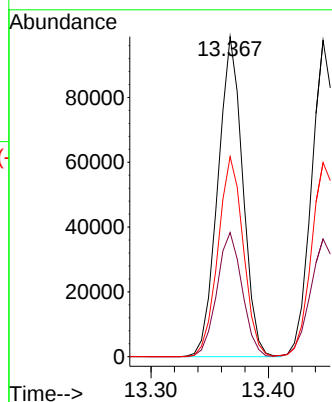
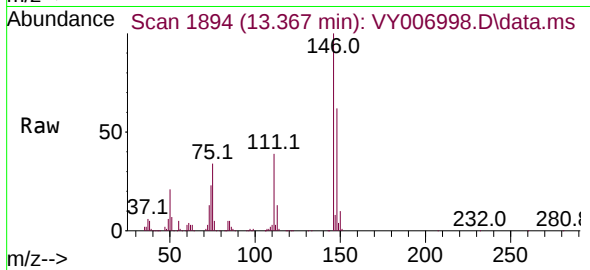
Tgt Ion:146 Resp: 145380

Ion Ratio Lower Upper

146 100

111 38.8 27.2 50.6

148 62.5 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 23.664 ug/L

RT: 13.447 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY006998.D

Acq: 07 Dec 2021 15:31

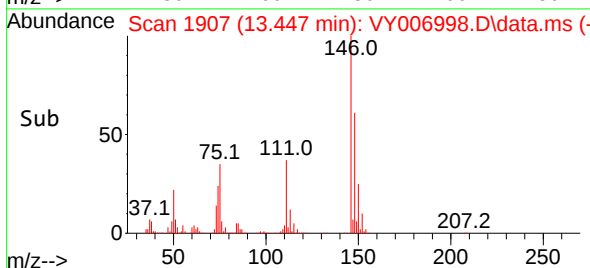
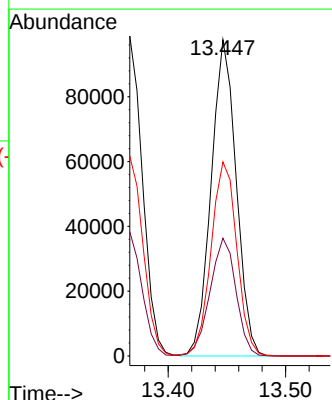
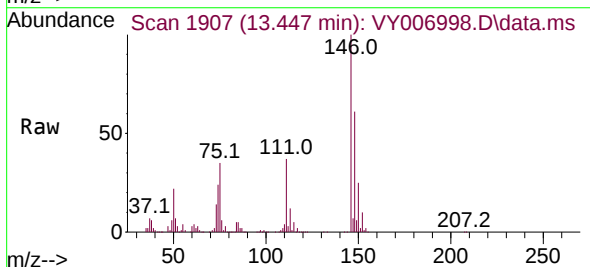
Tgt Ion:146 Resp: 144947

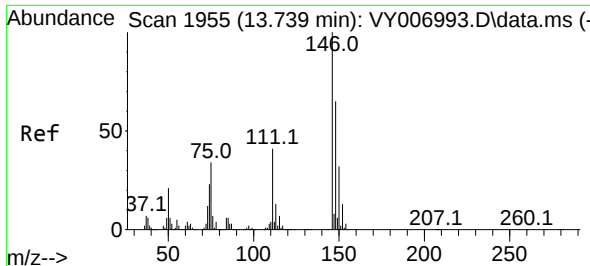
Ion Ratio Lower Upper

146 100

111 37.2 24.6 45.6

148 61.3 44.4 82.4

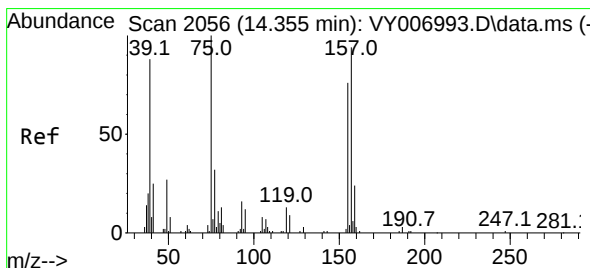
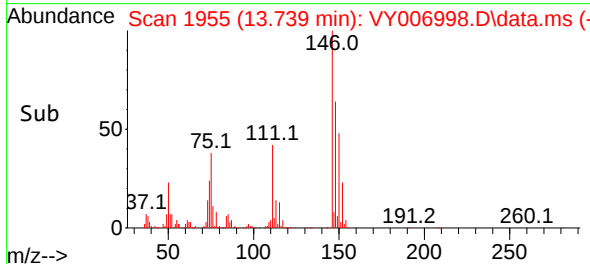
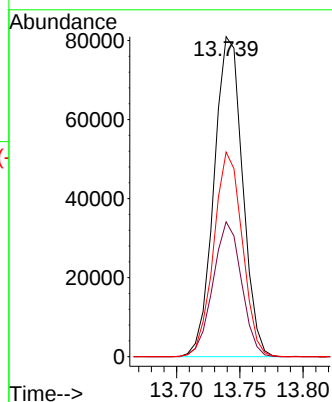
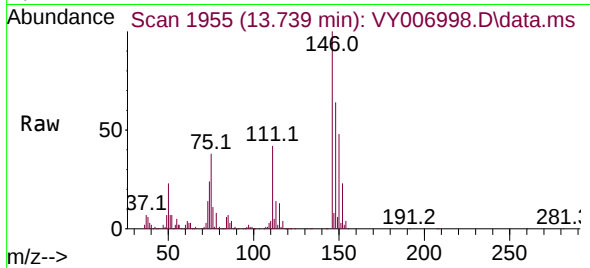




#67
1,2-Dichlorobenzene
Concen: 23.048 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

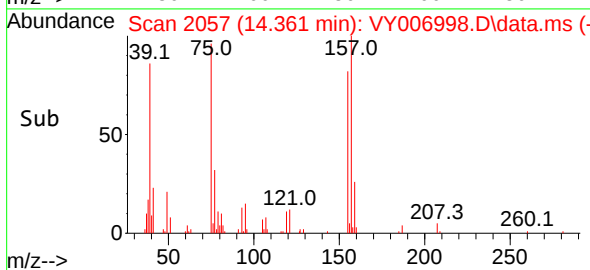
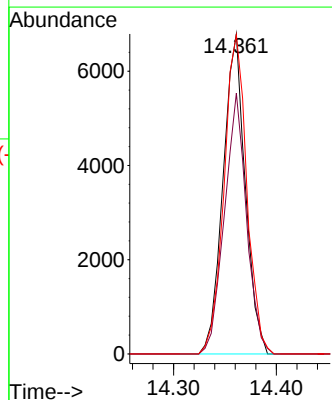
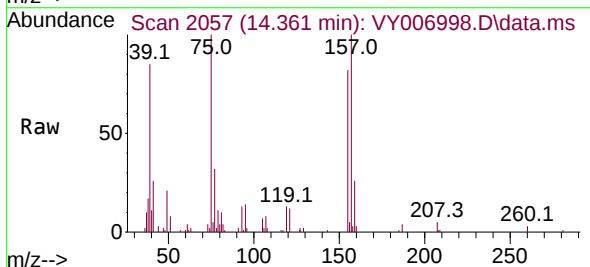
Instrument :
MSVOA_Y
ClientSampleId :

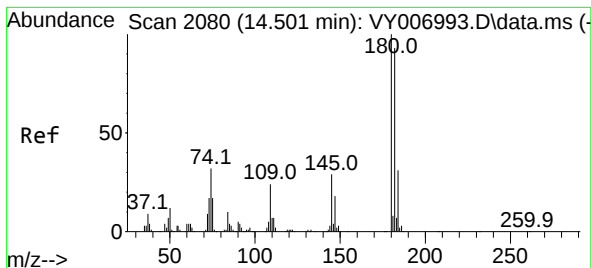
Tgt Ion:146 Resp: 127067
Ion Ratio Lower Upper
146 100
111 42.1 32.8 49.2
148 63.9 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 17.343 ug/L
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

Tgt Ion: 75 Resp: 10166
Ion Ratio Lower Upper
75 100
155 81.5 61.0 91.6
157 99.7 75.4 113.2





#69

1,3,5-Trichlorobenzene

Concen: 21.756 ug/L

RT: 14.507 min Scan# 2080

Delta R.T. 0.006 min

Lab File: VY006998.D

Acq: 07 Dec 2021 15:31

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180 Resp: 97027

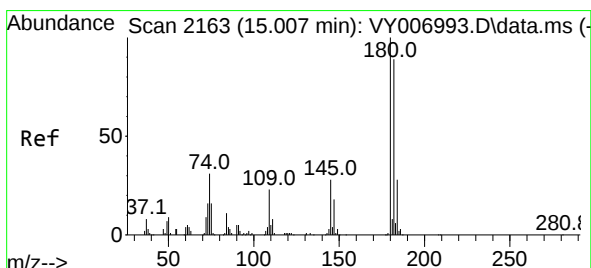
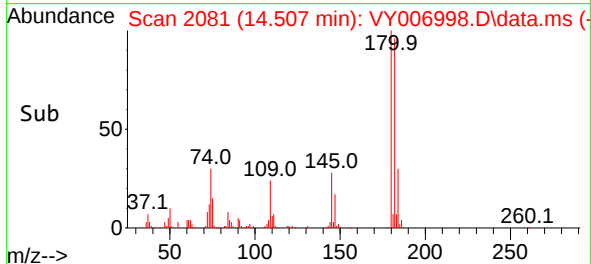
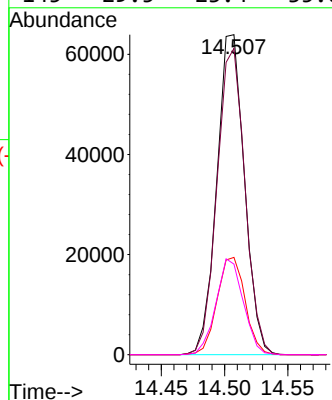
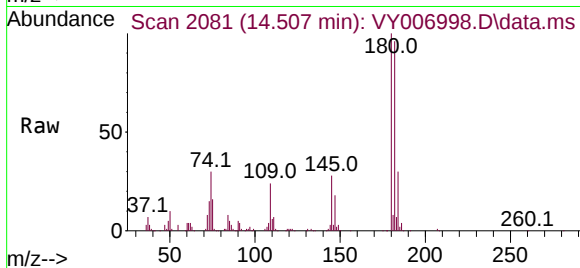
Ion Ratio Lower Upper

180 100

182 96.4 75.5 113.3

184 30.8 24.1 36.1

145 29.5 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 20.363 ug/L

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY006998.D

Acq: 07 Dec 2021 15:31

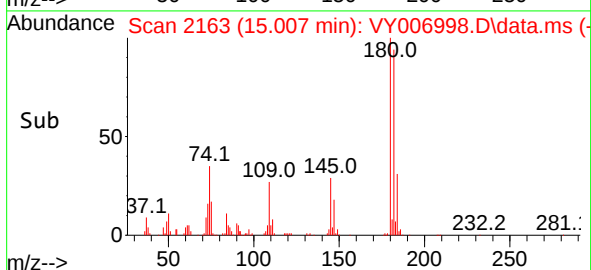
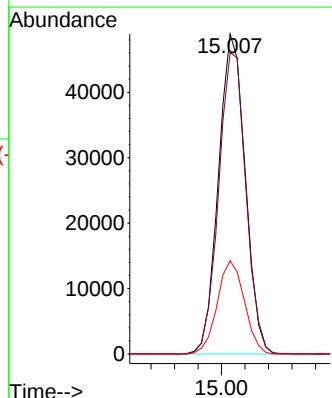
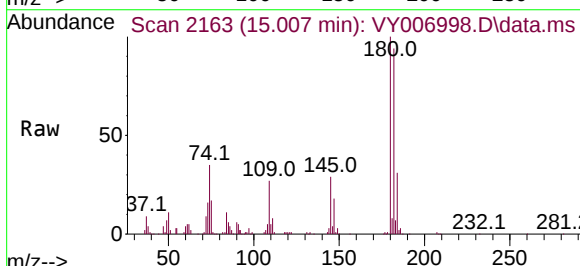
Tgt Ion:180 Resp: 77229

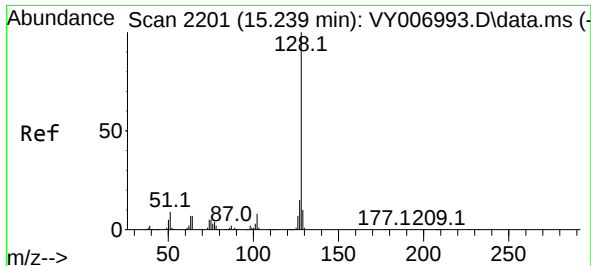
Ion Ratio Lower Upper

180 100

182 95.7 74.6 112.0

145 29.5 22.7 34.1

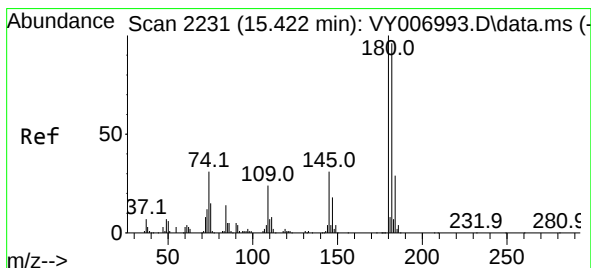
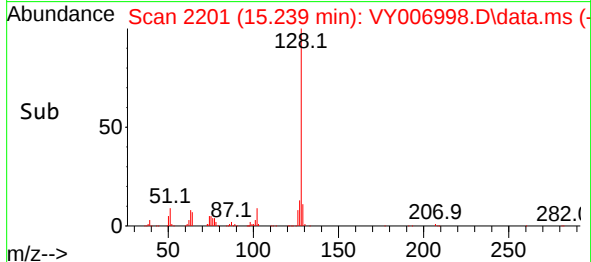
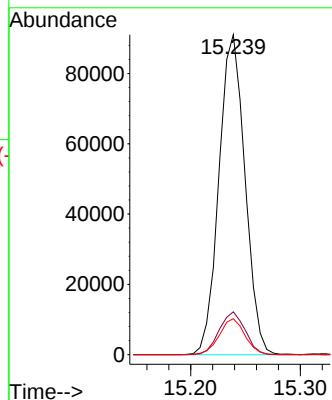
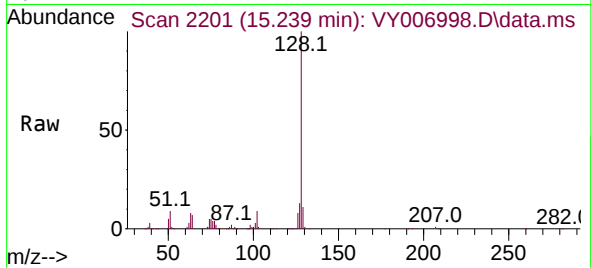




#71
Naphthalene
Concen: 18.539 ug/L
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 150416
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.1 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 18.571 ug/L
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY006998.D
Acq: 07 Dec 2021 15:31

Tgt Ion:180 Resp: 65533
Ion Ratio Lower Upper
180 100
182 93.0 76.2 114.2
145 30.4 23.7 35.5

