

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY006999.D
 Acq On : 07 Dec 2021 15:58
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 08 01:41:52 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)
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	158724	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	148470	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	84593	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	86876	24.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.400%
7) Chloroethane-d5	2.772	69	62217	22.804	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	3.857	63	134964	24.511	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.040%
21) 2-Butanone-d5	6.893	46	50340	48.704	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.400%
24) Chloroform-d	7.478	84	117523	23.352	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	8.143	65	69227	22.979	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.920%
32) Benzene-d6	8.112	84	230012	23.700	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	9.124	67	76054	23.242	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.960%
41) Toluene-d8	10.179	98	211757	23.637	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.560%
43) trans-1,3-Dichloroprop...	10.441	79	35976	23.754	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.000%
47) 2-Hexanone-d5	10.788	63	37504	49.869	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.740%
56) 1,1,2,2-Tetrachloroeth...	12.563	84	65524	23.393	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.560%
66) 1,2-Dichlorobenzene-d4	13.721	152	83718	25.742	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.924	85	30682	28.446	ug/L	98
3) Chloromethane	2.113	50	70367	26.257	ug/L	99
5) Vinyl chloride	2.259	62	108991	25.455	ug/L	97
6) Bromomethane	2.662	94	62069	24.707	ug/L	93
8) Chloroethane	2.808	64	62315	25.035	ug/L	98
9) Trichlorofluoromethane	3.125	101	72578	26.639	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.906	101	59902	25.904	ug/L #	72
12) 1,1-Dichloroethene	3.875	96	61490	25.981	ug/L	87
13) Acetone	3.948	43	45633	51.113	ug/L	100
14) Carbon disulfide	4.198	76	197648	26.049	ug/L	98
15) Methyl Acetate	4.479	43	51620	27.660	ug/L #	67
16) Methylene chloride	4.716	84	73949	22.367	ug/L	98
17) trans-1,2-Dichloroethene	5.216	96	65083	26.422	ug/L	94
18) Methyl tert-butyl Ether	5.222	73	129292	26.818	ug/L	100
19) 1,1-Dichloroethane	6.021	63	136136	26.191	ug/L	97
20) cis-1,2-Dichloroethene	6.990	96	72479	26.684	ug/L	99
22) 2-Butanone	6.990	43	69005	54.897	ug/L	100
23) Bromochloromethane	7.338	128	31359	26.394	ug/L	89
25) Chloroform	7.509	83	130834	26.220	ug/L	95

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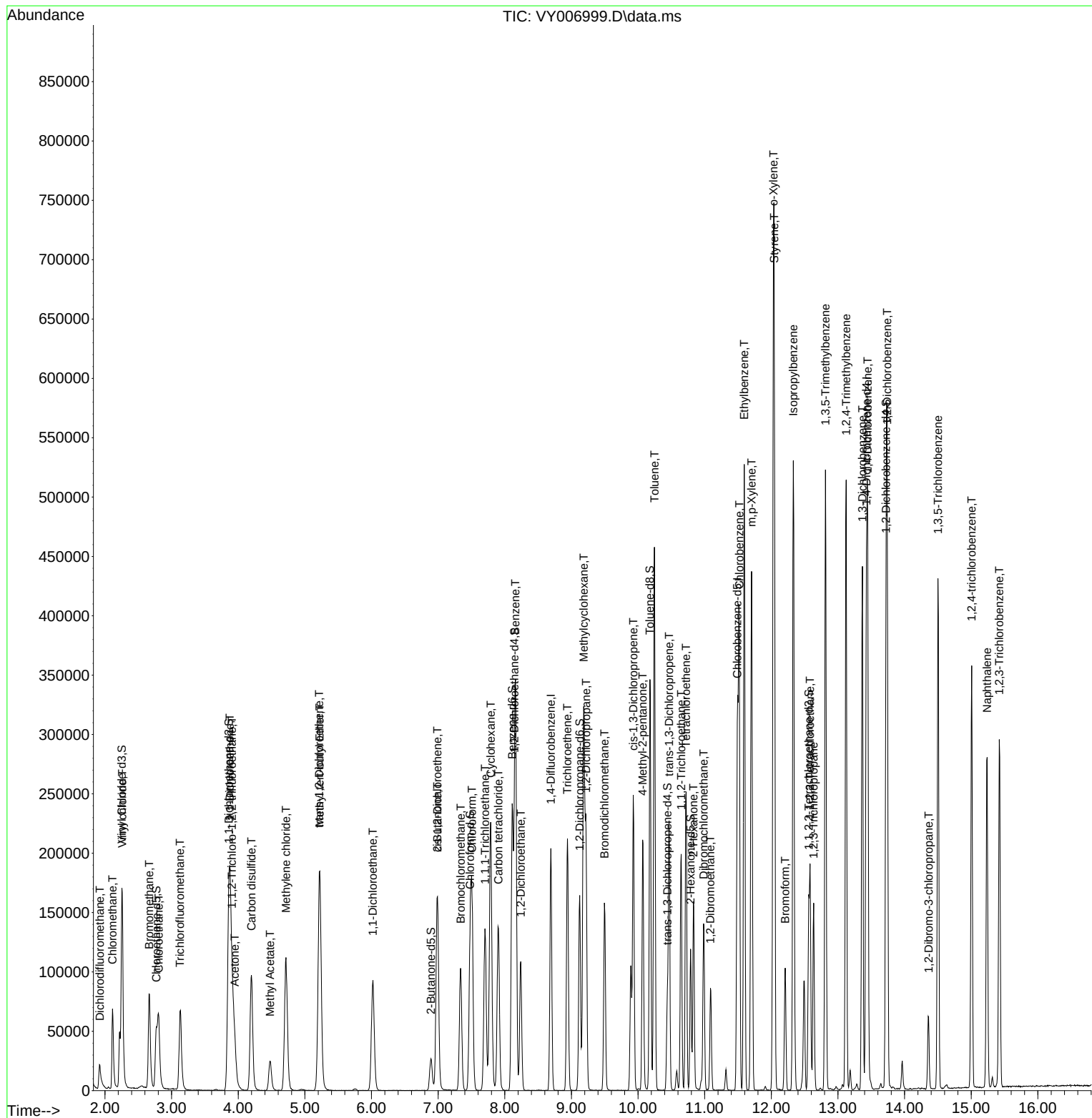
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	95809	26.924	ug/L	98
29) Cyclohexane	7.789	56	125294	27.073	ug/L	99
30) 1,1,1-Trichloroethane	7.704	97	106864	26.289	ug/L	99
31) Carbon tetrachloride	7.905	117	96737	26.161	ug/L	99
33) Benzene	8.161	78	293979	26.696	ug/L	100
34) Trichloroethene	8.941	95	69760	26.221	ug/L	96
35) Methylcyclohexane	9.185	83	125611	27.031	ug/L	99
37) 1,2-Dichloropropane	9.222	63	80403	26.431	ug/L	99
38) Bromodichloromethane	9.496	83	99508	26.366	ug/L	97
39) cis-1,3-Dichloropropene	9.929	75	123661	26.903	ug/L	97
40) 4-Methyl-2-pentanone	10.069	43	151771	56.213	ug/L	99
42) Toluene	10.246	91	308815	26.552	ug/L	96
44) trans-1,3-Dichloropropene	10.465	75	114864	26.962	ug/L	97
45) 1,1,2-Trichloroethane	10.648	97	56962	26.399	ug/L	98
46) Tetrachloroethene	10.721	164	52637	25.759	ug/L	97
48) 2-Hexanone	10.831	43	107041	58.068	ug/L	99
49) Dibromochloromethane	10.984	129	65977	26.730	ug/L	99
50) 1,2-Dibromoethane	11.087	107	53535	26.471	ug/L	99
51) Chlorobenzene	11.520	112	181305	26.310	ug/L	99
52) Ethylbenzene	11.593	91	339139	26.557	ug/L	98
53) m,p-Xylene	11.703	106	123102	26.172	ug/L	99
54) o-Xylene	12.032	106	119333	26.801	ug/L	94
55) Styrene	12.044	104	211335	26.930	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.581	83	76541	26.696	ug/L	99
59) Bromoform	12.209	173	41319	23.793	ug/L	99
60) Isopropylbenzene	12.331	105	324320	25.036	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	57985	24.249	ug/L	99
62) 1,3,5-Trimethylbenzene	12.812	105	259978	24.978	ug/L	99
63) 1,2,4-Trimethylbenzene	13.123	105	258036	23.958	ug/L	99
64) 1,3-Dichlorobenzene	13.367	146	156126	26.231	ug/L	99
65) 1,4-Dichlorobenzene	13.447	146	158620	26.442	ug/L	97
67) 1,2-Dichlorobenzene	13.739	146	157274	29.129	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.361	75	14416	25.113	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.501	180	130894	29.970	ug/L	98
70) 1,2,4-trichlorobenzene	15.007	180	108485	29.208	ug/L	98
71) Naphthalene	15.239	128	227138	28.587	ug/L	99
72) 1,2,3-Trichlorobenzene	15.422	180	94641	27.386	ug/L	98

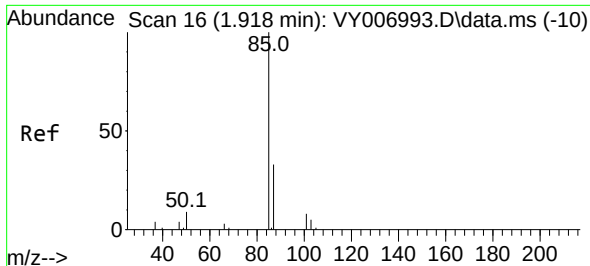
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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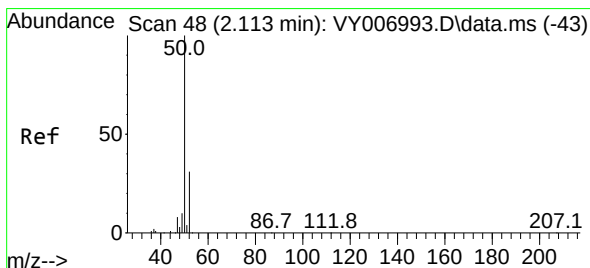
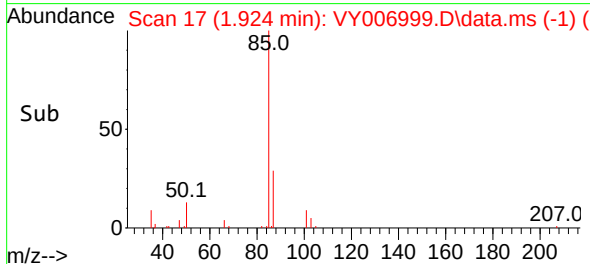
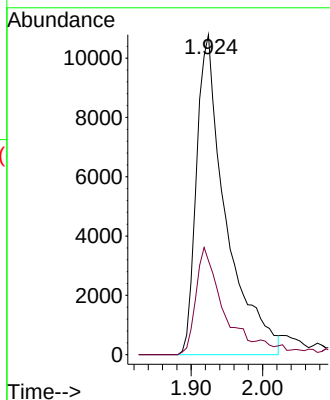
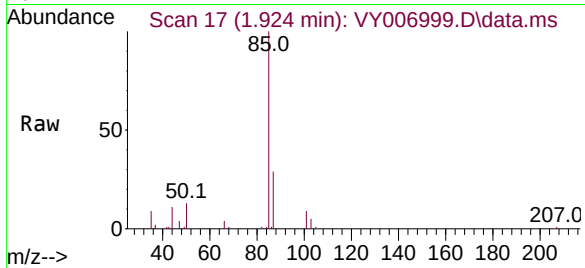




#2
 Dichlorodifluoromethane
 Concen: 28.446 ug/L
 RT: 1.924 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY006999.D
 Acq: 07 Dec 2021 15:58

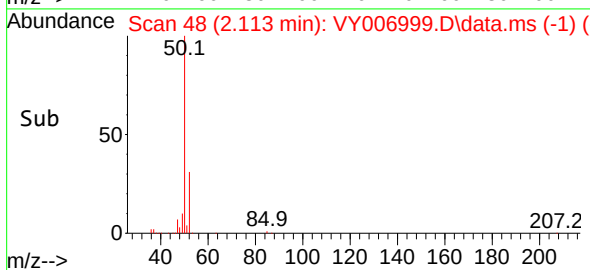
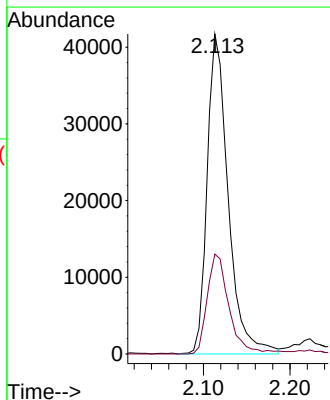
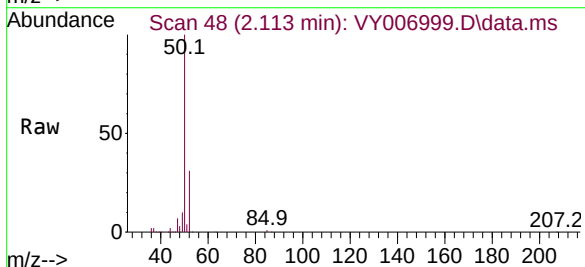
Instrument :
 MSVOA_Y
 ClientSampleId :

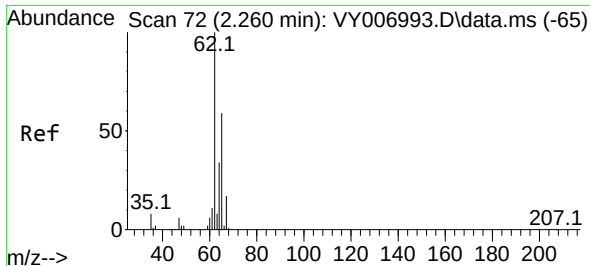
Tgt Ion: 85 Resp: 30682
 Ion Ratio Lower Upper
 85 100
 87 25.7 21.2 31.8



#3
 Chloromethane
 Concen: 26.257 ug/L
 RT: 2.113 min Scan# 48
 Delta R.T. -0.000 min
 Lab File: VY006999.D
 Acq: 07 Dec 2021 15:58

Tgt Ion: 50 Resp: 70367
 Ion Ratio Lower Upper
 50 100
 52 31.2 22.0 41.0

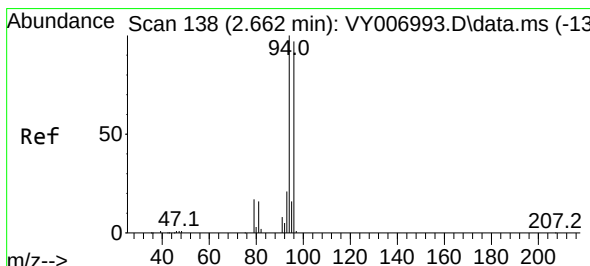
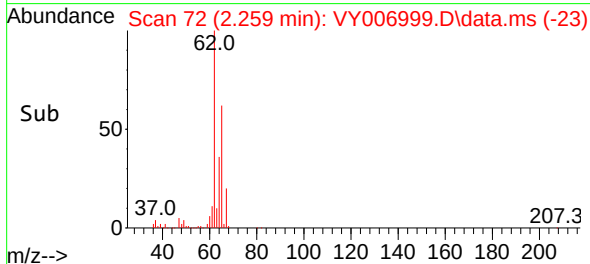
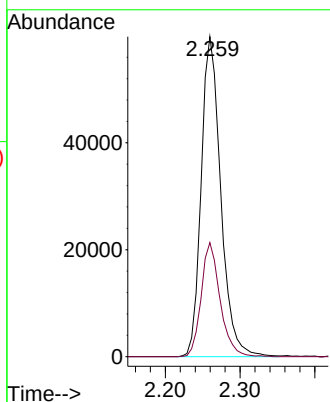
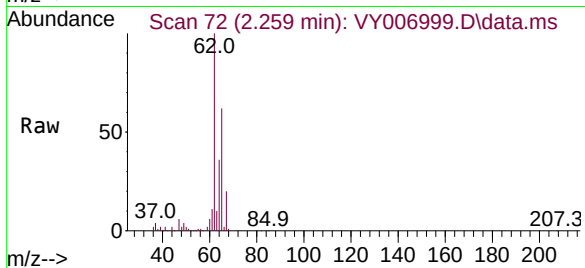




#5
 Vinyl chloride
 Concen: 25.455 ug/L
 RT: 2.259 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VY006999.D
 Acq: 07 Dec 2021 15:58

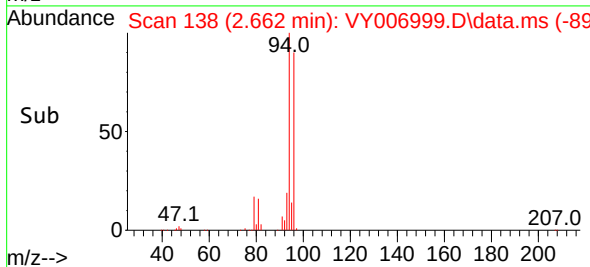
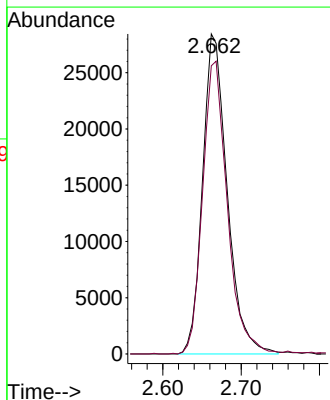
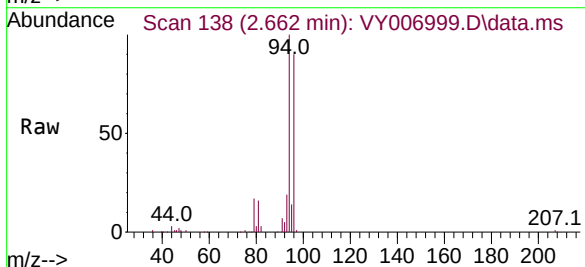
Instrument :
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 ClientSampleId :

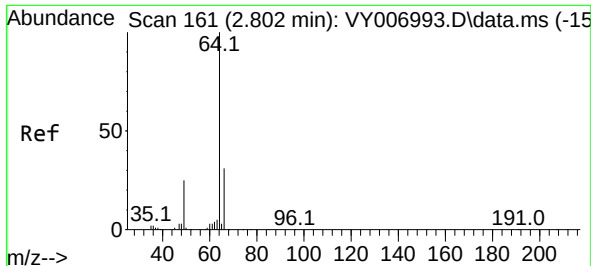
Tgt Ion: 62 Resp: 108991
 Ion Ratio Lower Upper
 62 100
 64 35.7 23.8 44.2



#6
 Bromomethane
 Concen: 24.707 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VY006999.D
 Acq: 07 Dec 2021 15:58

Tgt Ion: 94 Resp: 62069
 Ion Ratio Lower Upper
 94 100
 96 90.0 68.0 126.4

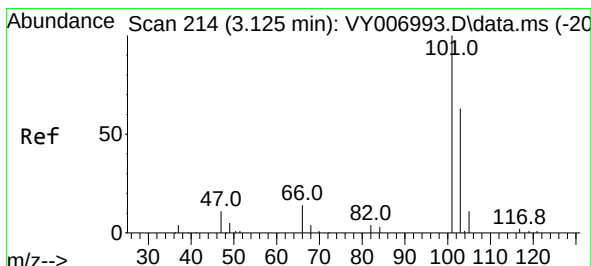
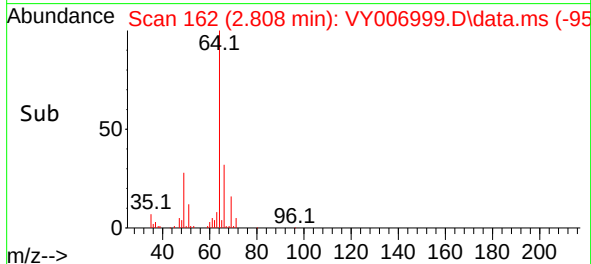
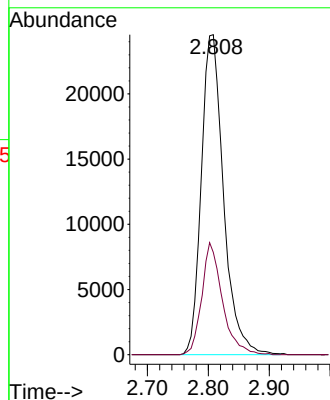
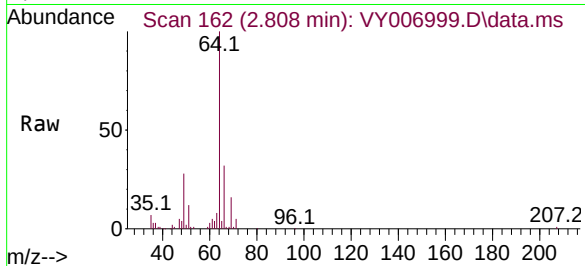




#8
Chloroethane
Concen: 25.035 ug/L
RT: 2.808 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

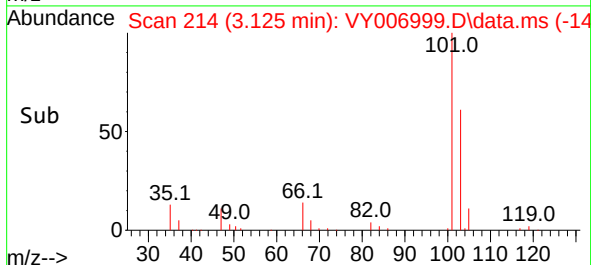
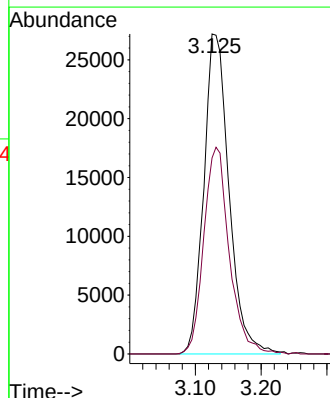
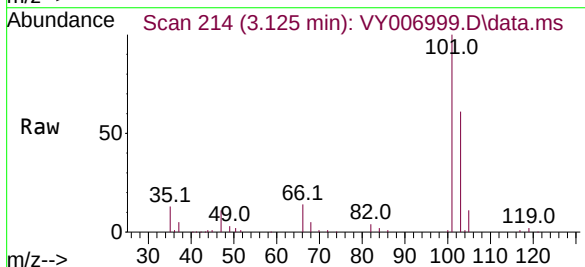
Instrument :
MSVOA_Y
ClientSampleId :

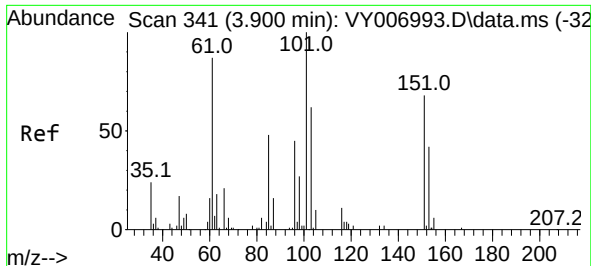
Tgt Ion: 64 Resp: 62315
Ion Ratio Lower Upper
64 100
66 32.0 21.8 40.4



#9
Trichlorofluoromethane
Concen: 26.639 ug/L
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

Tgt Ion: 101 Resp: 72578
Ion Ratio Lower Upper
101 100
103 65.0 51.1 76.7

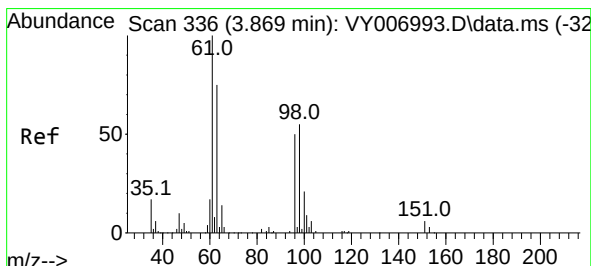
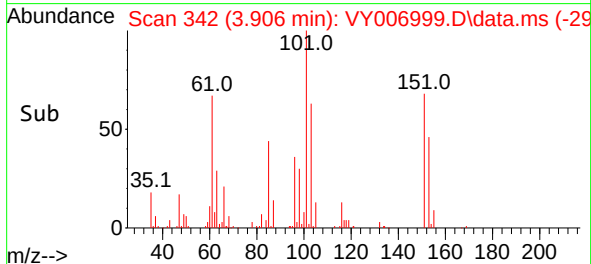
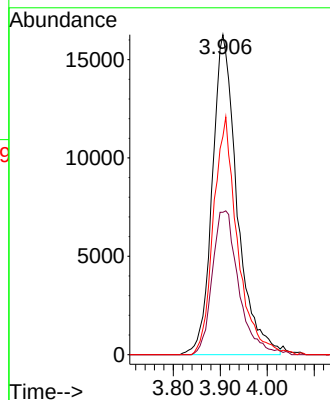
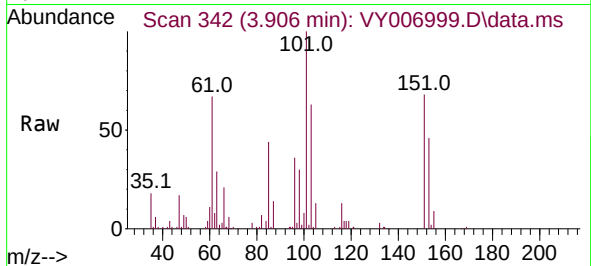




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.904 ug/L
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

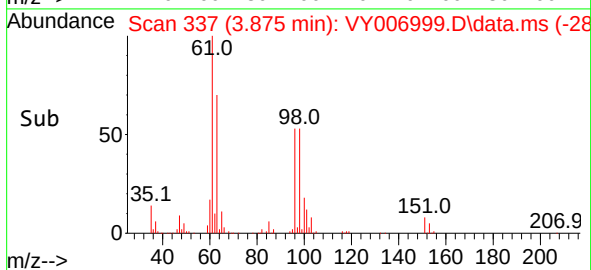
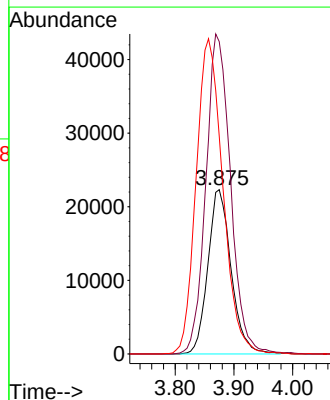
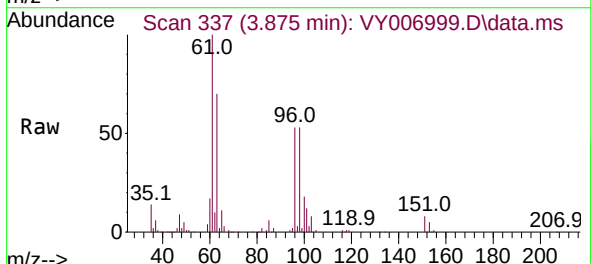
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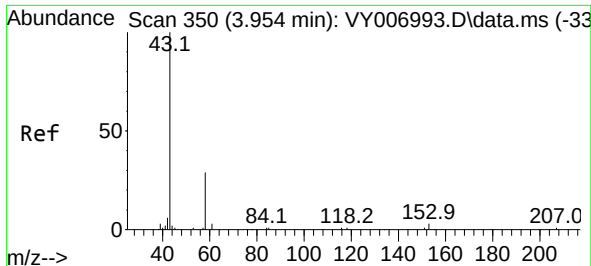
Tgt Ion:101 Resp: 59902
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 71.5 55.0 82.4



#12
1,1-Dichloroethene
Concen: 25.981 ug/L
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

Tgt Ion: 96 Resp: 61490
Ion Ratio Lower Upper
96 100
61 190.0 142.0 263.8
63 132.4 110.9 205.9





#13

Acetone

Concen: 51.113 ug/L

RT: 3.948 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

Instrument :

MSVOA_Y

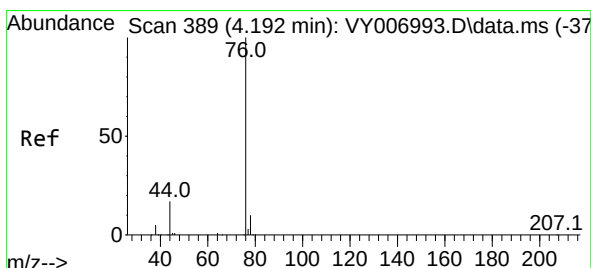
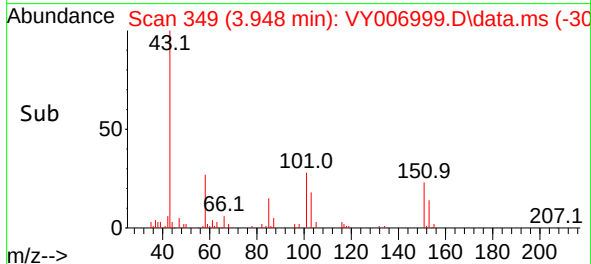
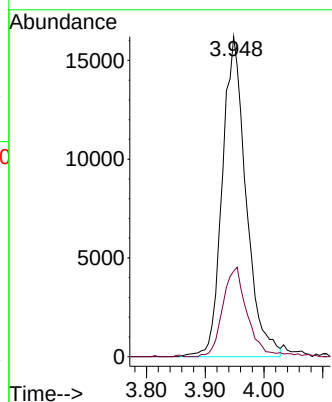
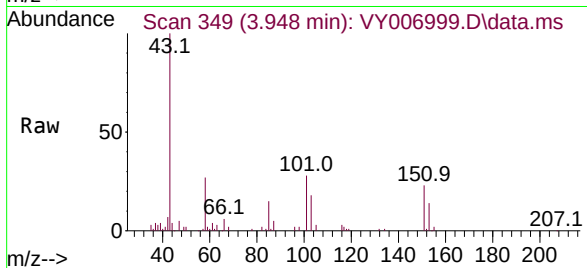
ClientSampleId :

Tgt Ion: 43 Resp: 45633

Ion Ratio Lower Upper

43 100

58 28.2 0.0 56.4



#14

Carbon disulfide

Concen: 26.049 ug/L

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY006999.D

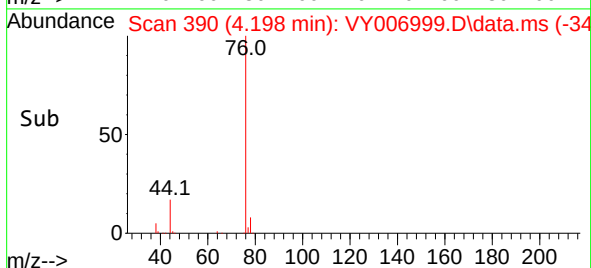
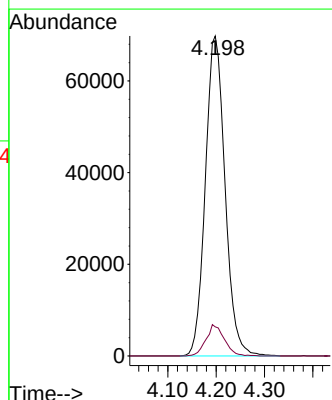
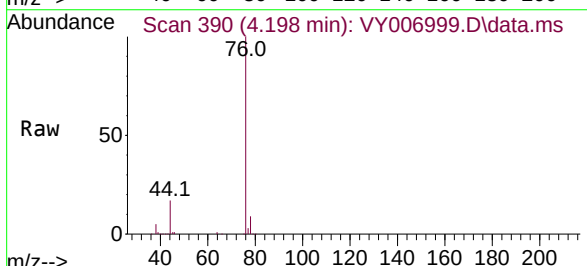
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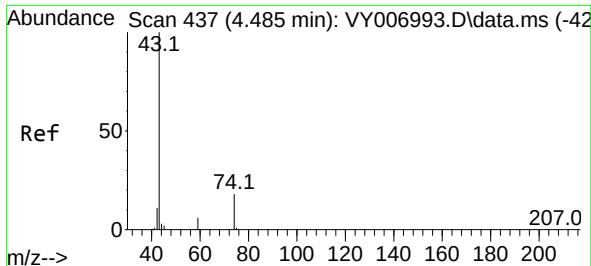
Tgt Ion: 76 Resp: 197648

Ion Ratio Lower Upper

76 100

78 9.1 7.8 11.8

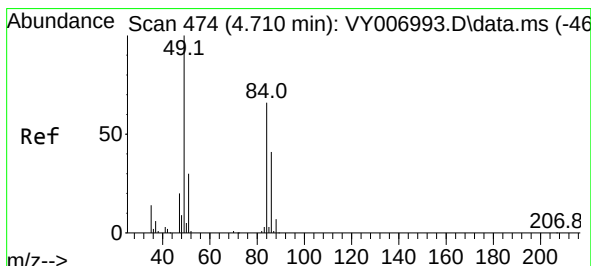
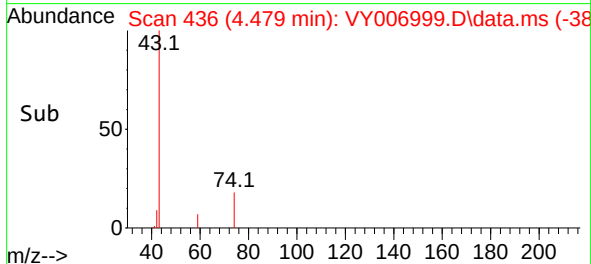
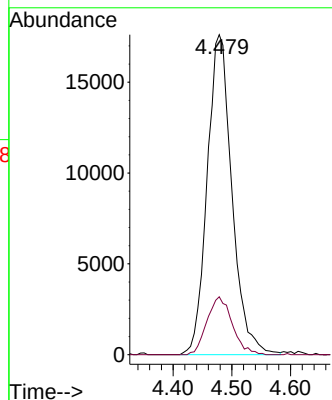
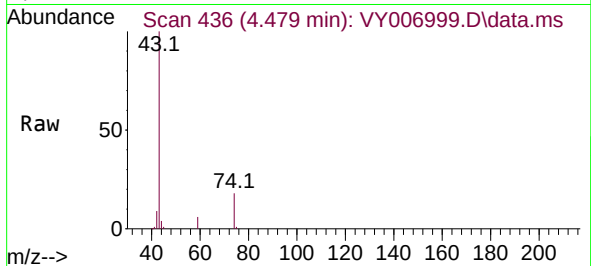




#15
Methyl Acetate
Concen: 27.660 ug/L
RT: 4.479 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

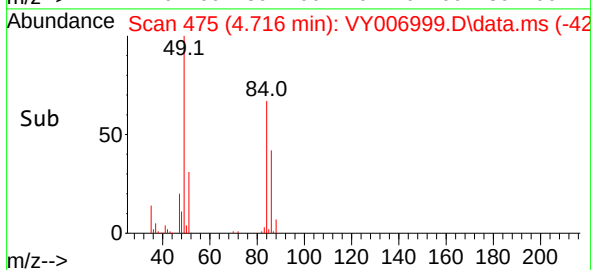
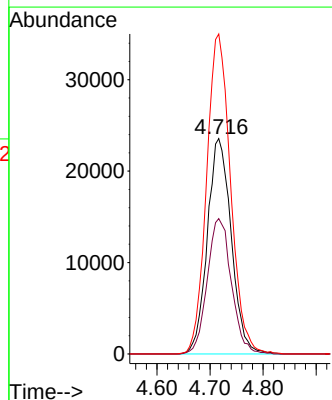
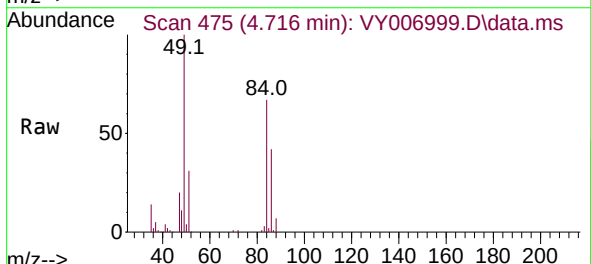
Instrument :
MSVOA_Y
ClientSampleId :

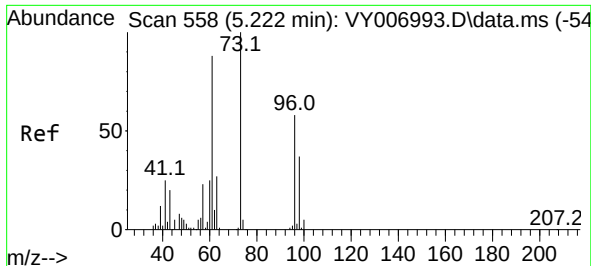
Tgt Ion: 43 Resp: 51620
Ion Ratio Lower Upper
43 100
74 18.5 5.6 8.4#



#16
Methylene chloride
Concen: 22.367 ug/L
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

Tgt Ion: 84 Resp: 73949
Ion Ratio Lower Upper
84 100
86 62.9 43.0 79.8
49 148.5 105.3 195.6





#17

trans-1,2-Dichloroethene

Concen: 26.422 ug/L

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

Instrument :

MSVOA_Y

ClientSampleId :

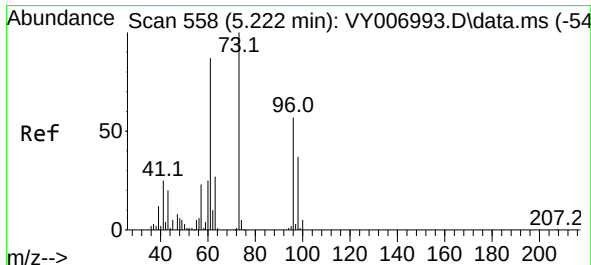
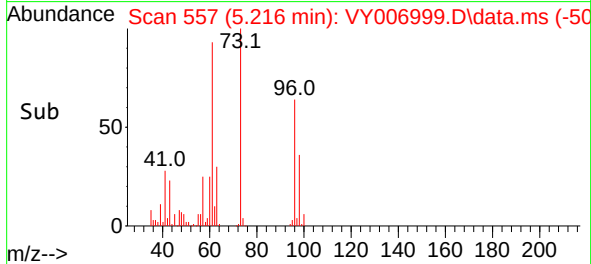
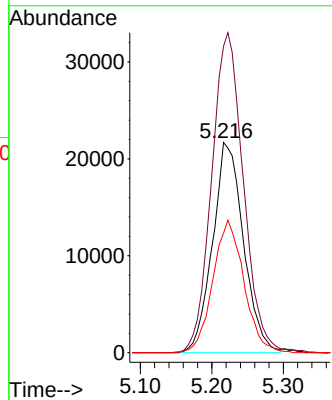
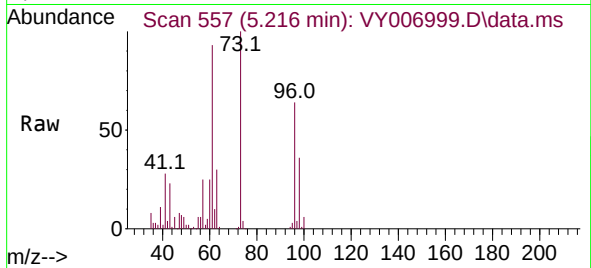
Tgt Ion: 96 Resp: 65083

Ion Ratio Lower Upper

96 100

61 145.8 106.5 197.9

98 56.9 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 26.818 ug/L

RT: 5.222 min Scan# 558

Delta R.T. -0.000 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

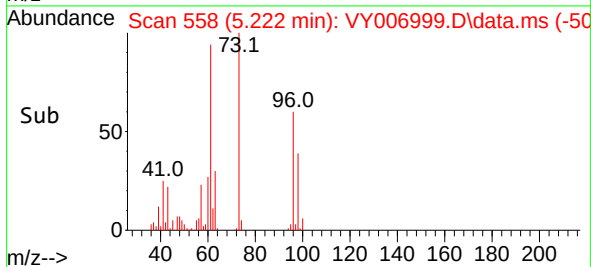
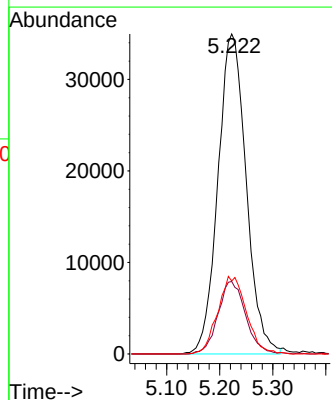
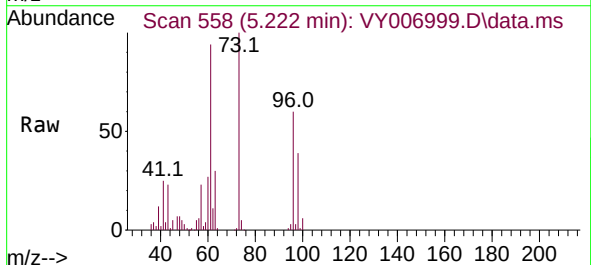
Tgt Ion: 73 Resp: 129292

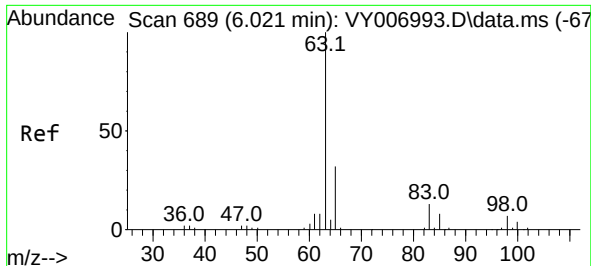
Ion Ratio Lower Upper

73 100

43 22.1 17.7 26.5

57 24.4 19.4 29.2





#19

1,1-Dichloroethane

Concen: 26.191 ug/L

RT: 6.021 min Scan# 61

Delta R.T. -0.000 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

Instrument :

MSVOA_Y

ClientSampleId :

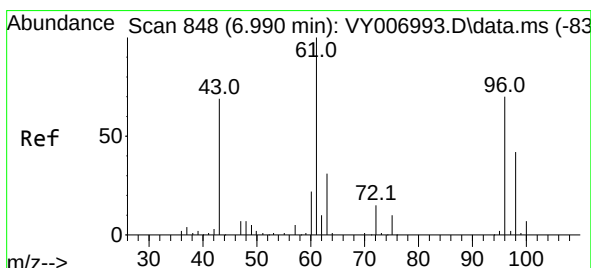
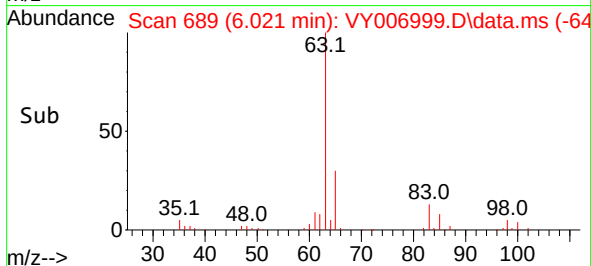
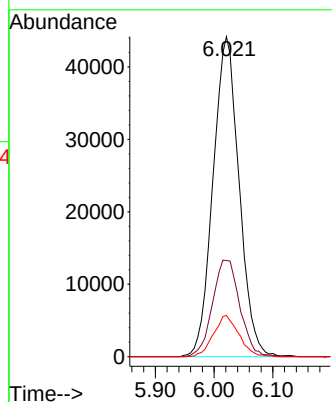
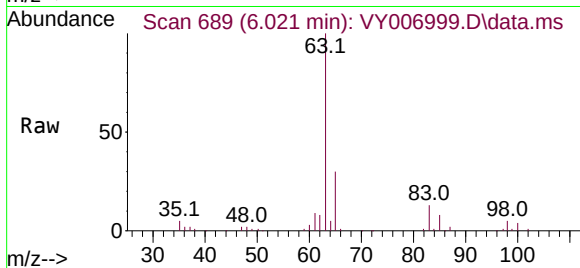
Tgt Ion: 63 Resp: 136136

Ion Ratio Lower Upper

63 100

65 30.0 22.7 42.1

83 12.9 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 26.684 ug/L

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

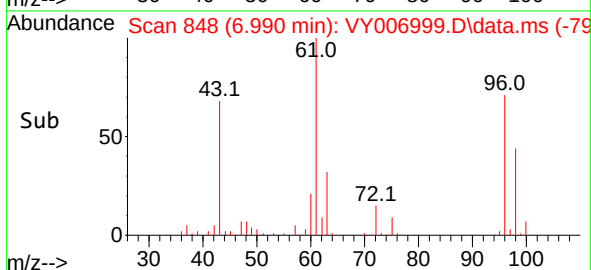
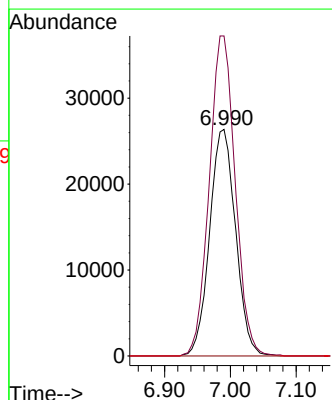
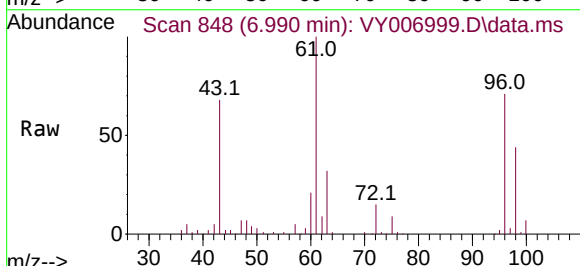
Tgt Ion: 96 Resp: 72479

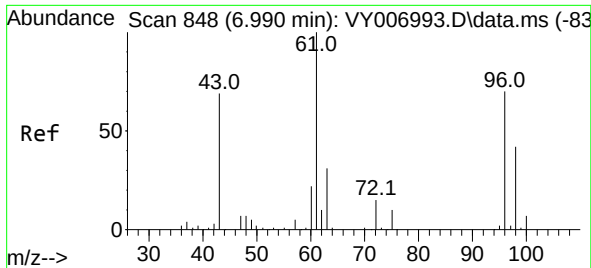
Ion Ratio Lower Upper

96 100

61 141.3 100.2 186.0

68 0.0 0.0 0.0

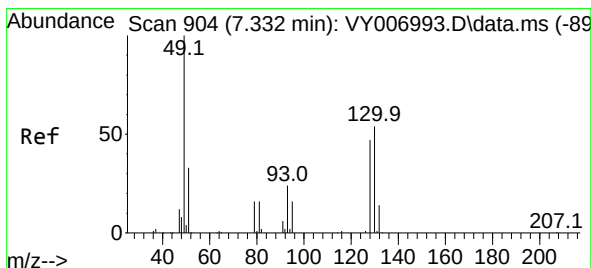
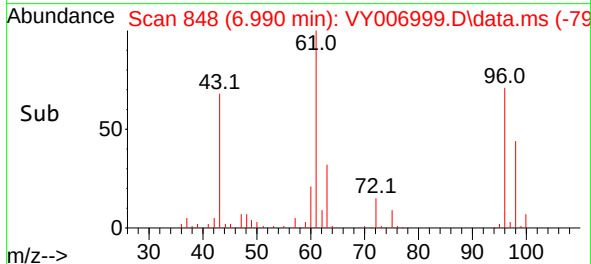
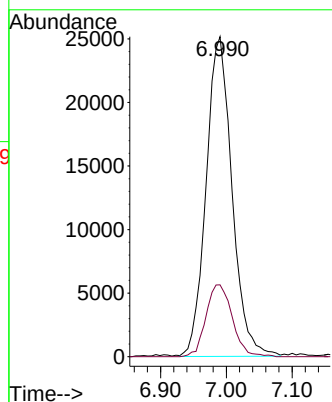
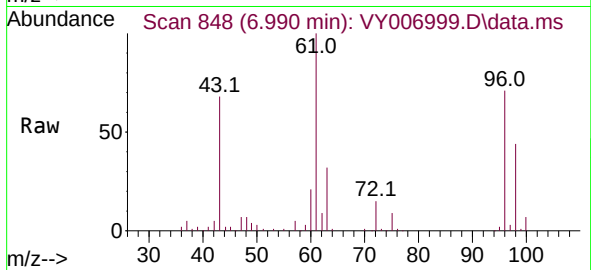




#22
2-Butanone
Concen: 54.897 ug/L
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

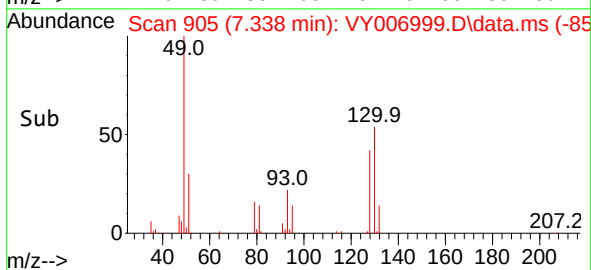
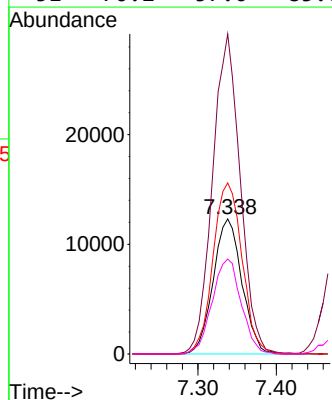
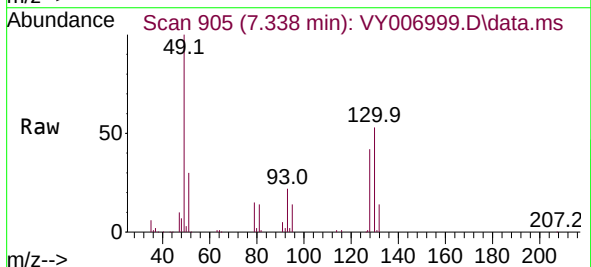
Instrument :
MSVOA_Y
ClientSampleId :

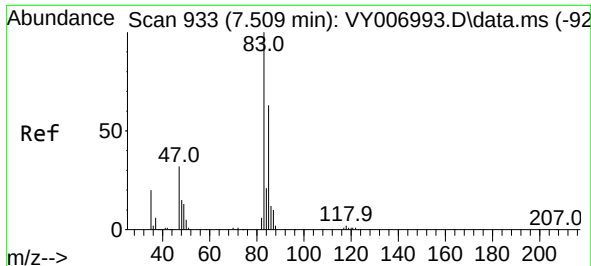
Tgt Ion: 43 Resp: 69005
Ion Ratio Lower Upper
43 100
72 22.7 11.4 34.2



#23
Bromochloromethane
Concen: 26.394 ug/L
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

Tgt Ion:128 Resp: 31359
Ion Ratio Lower Upper
128 100
49 237.0 150.1 278.7
130 126.7 81.1 150.5
51 70.2 57.0 85.6

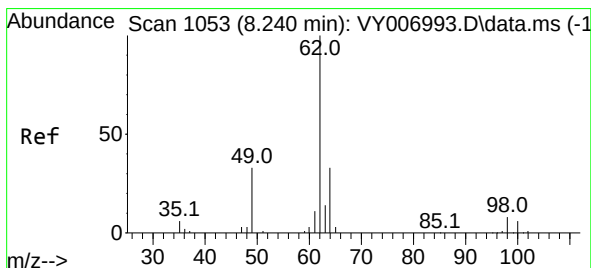
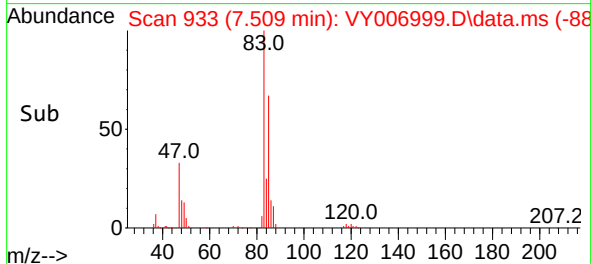
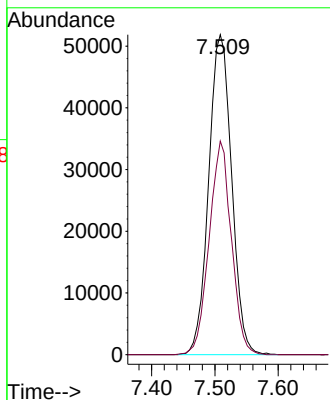
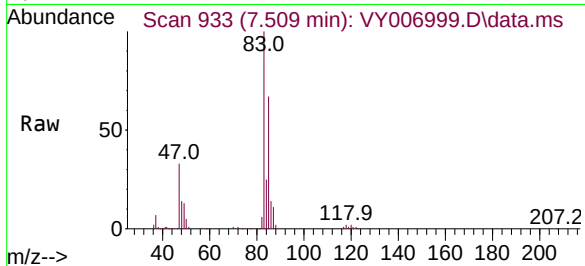




#25
Chloroform
Concen: 26.220 ug/L
RT: 7.509 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

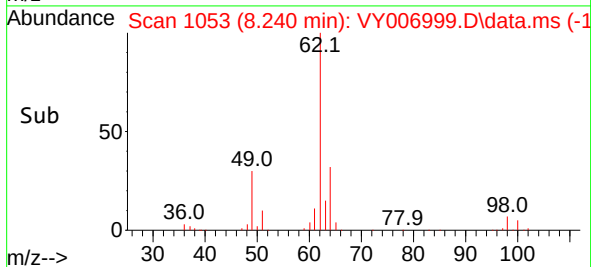
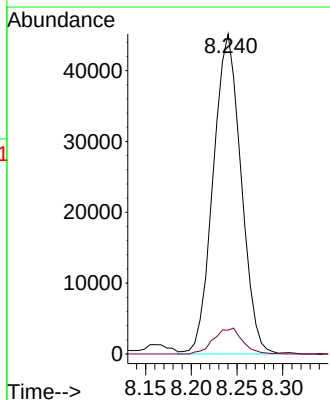
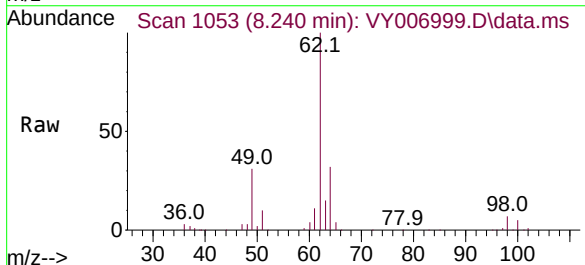
Instrument :
MSVOA_Y
ClientSampleId :

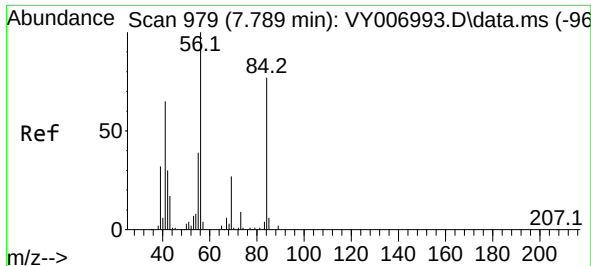
Tgt Ion: 83 Resp: 130834
Ion Ratio Lower Upper
83 100
85 66.7 43.9 81.5



#27
1,2-Dichloroethane
Concen: 26.924 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

Tgt Ion: 62 Resp: 95809
Ion Ratio Lower Upper
62 100
98 7.5 6.6 9.8





#29

Cyclohexane

Concen: 27.073 ug/L

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

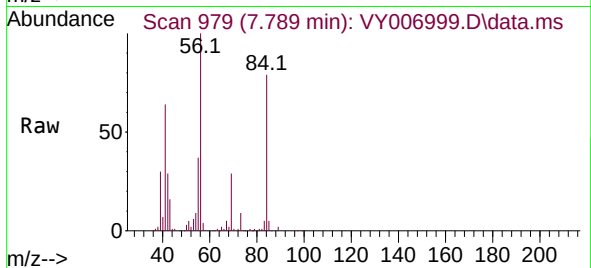
Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

Instrument :

MSVOA_Y

ClientSampleId :



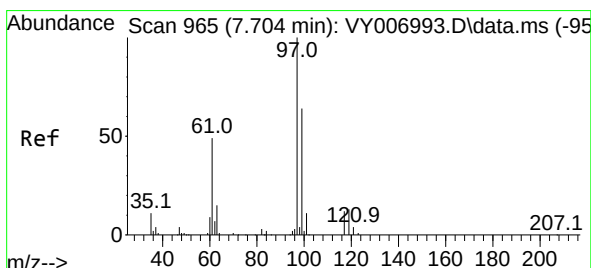
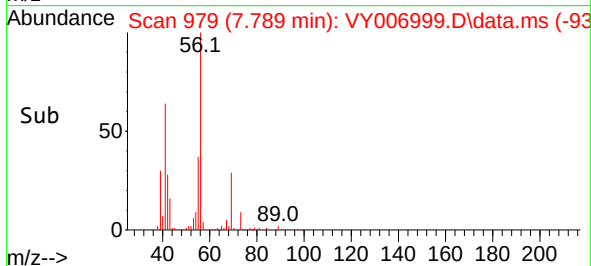
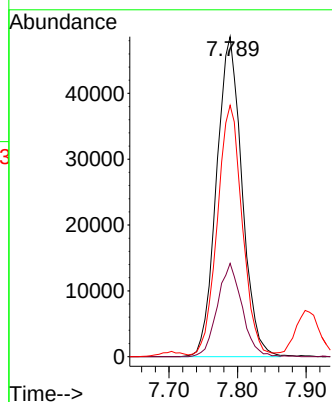
Tgt Ion: 56 Resp: 125294

Ion Ratio Lower Upper

56 100

69 28.1 22.0 33.0

84 77.4 61.7 92.5



#30

1,1,1-Trichloroethane

Concen: 26.289 ug/L

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

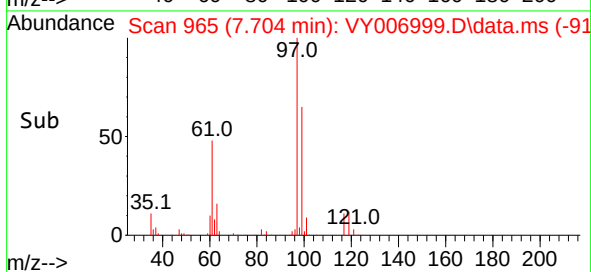
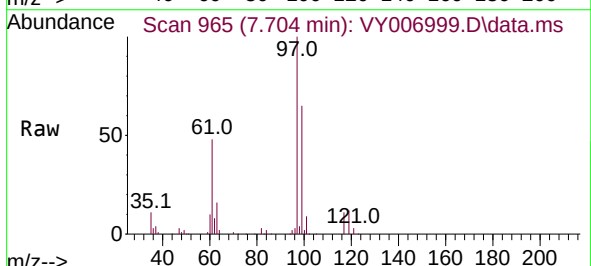
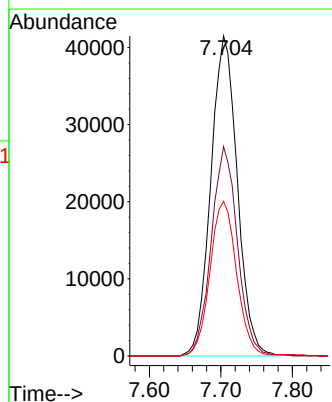
Tgt Ion: 97 Resp: 106864

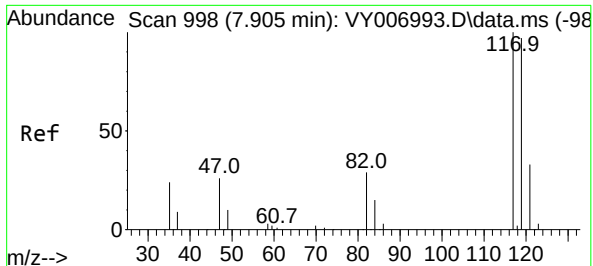
Ion Ratio Lower Upper

97 100

99 64.6 50.7 76.1

61 48.4 38.5 57.7

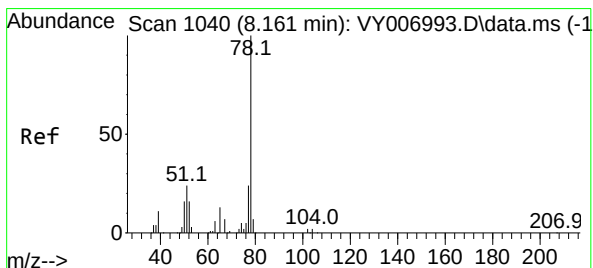
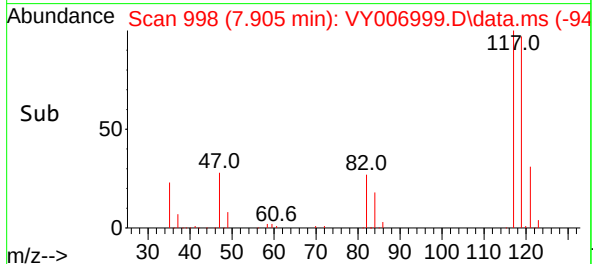
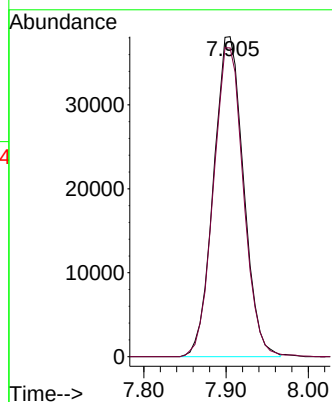
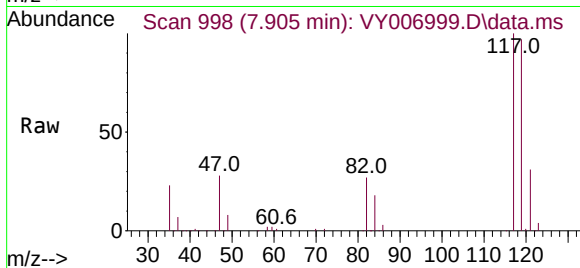




#31
Carbon tetrachloride
Concen: 26.161 ug/L
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

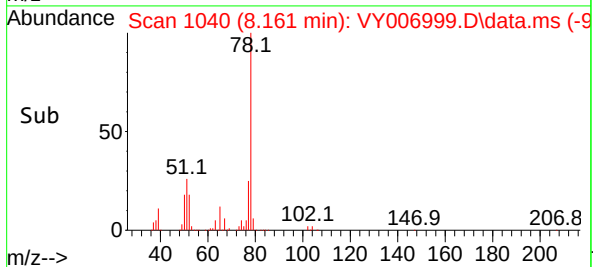
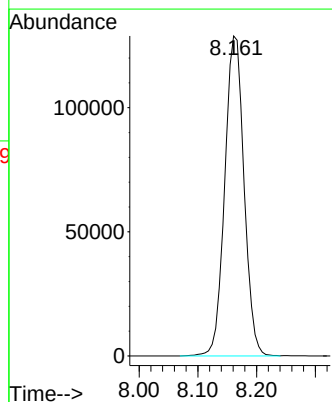
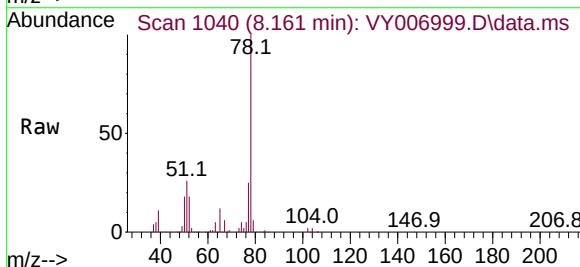
Instrument :
MSVOA_Y
ClientSampleId :

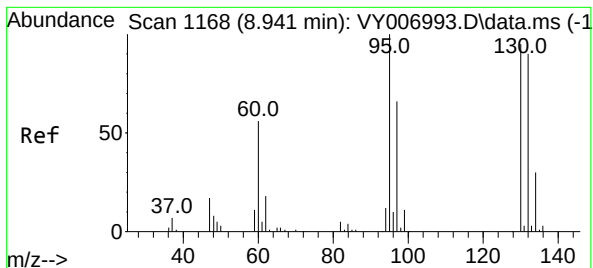
Tgt Ion:117 Resp: 96737
Ion Ratio Lower Upper
117 100
119 96.5 76.4 114.6



#33
Benzene
Concen: 26.696 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

Tgt Ion: 78 Resp: 293979





#34

Trichloroethene

Concen: 26.221 ug/L

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 95 Resp: 69760

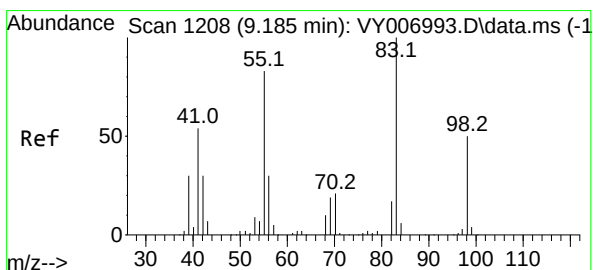
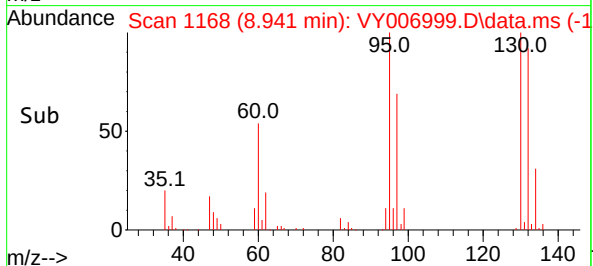
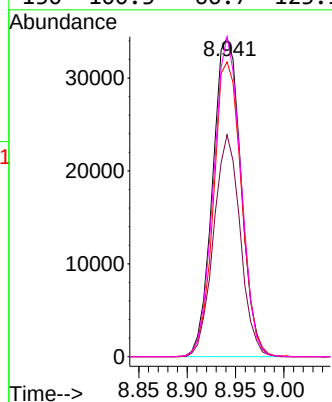
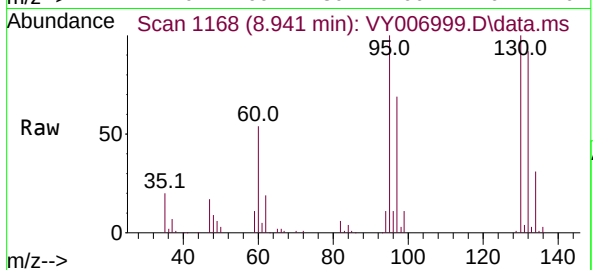
Ion Ratio Lower Upper

95 100

97 69.6 46.4 86.2

132 92.4 63.0 117.0

130 100.3 66.7 123.9



#35

Methylcyclohexane

Concen: 27.031 ug/L

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

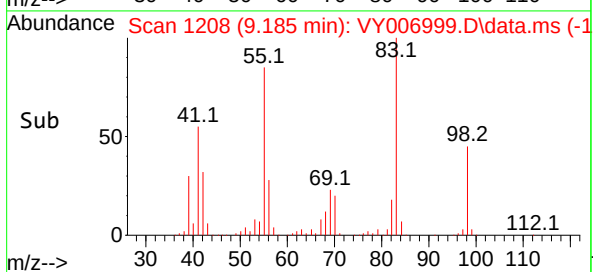
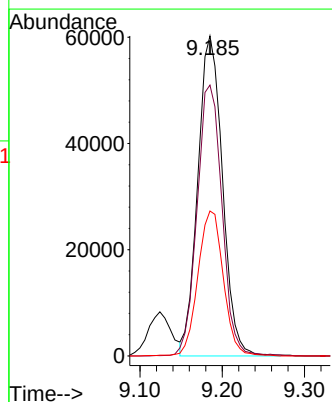
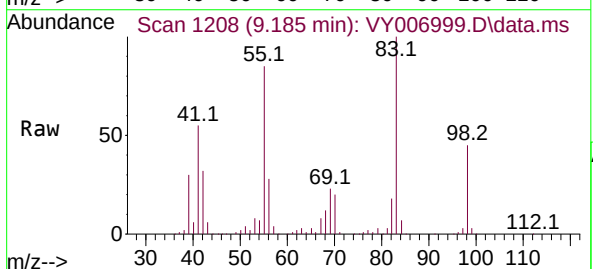
Tgt Ion: 83 Resp: 125611

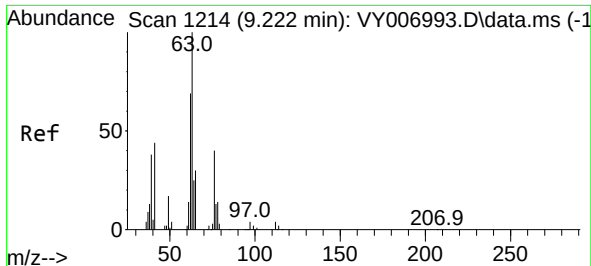
Ion Ratio Lower Upper

83 100

55 85.5 68.9 103.3

98 46.6 37.8 56.8





#37

1,2-Dichloropropane

Concen: 26.431 ug/L

RT: 9.222 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

Instrument :

MSVOA_Y

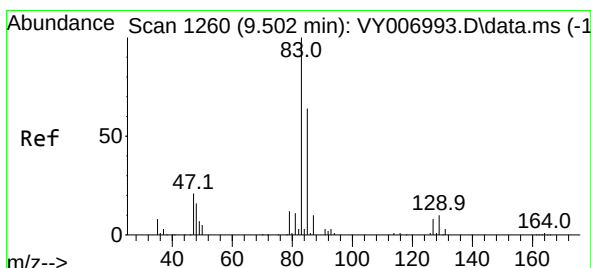
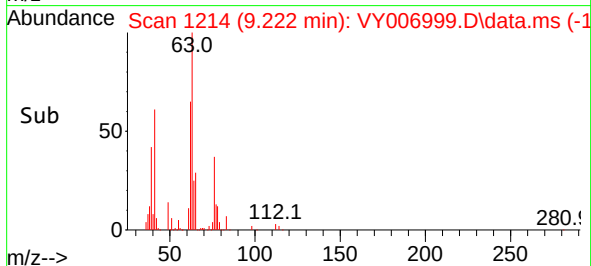
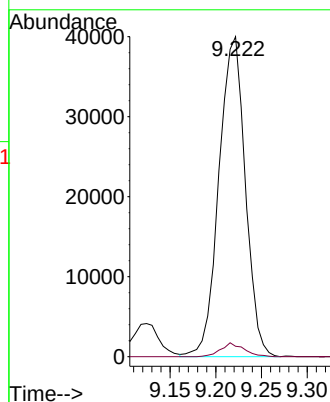
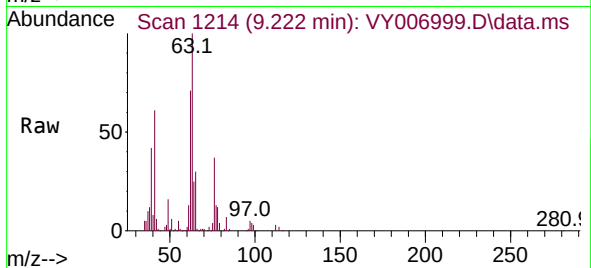
ClientSampleId :

Tgt Ion: 63 Resp: 80403

Ion Ratio Lower Upper

63 100

112 3.8 2.8 4.2



#38

Bromodichloromethane

Concen: 26.366 ug/L

RT: 9.496 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

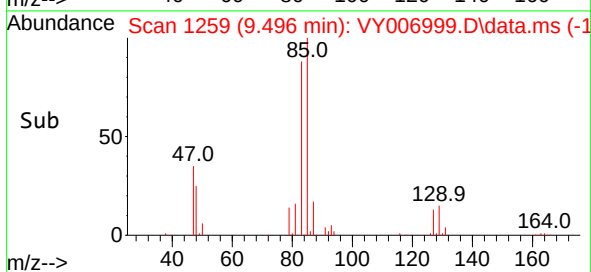
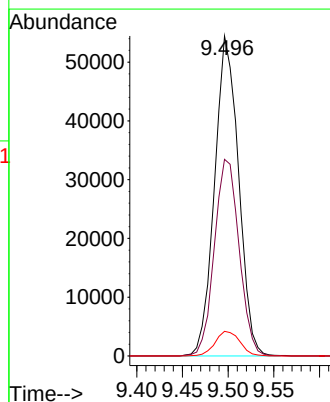
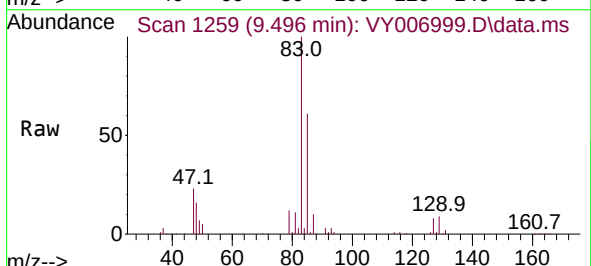
Tgt Ion: 83 Resp: 99508

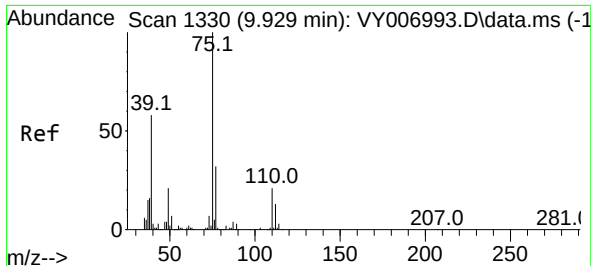
Ion Ratio Lower Upper

83 100

85 61.5 44.7 82.9

127 7.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 26.903 ug/L

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

Instrument :

MSVOA_Y

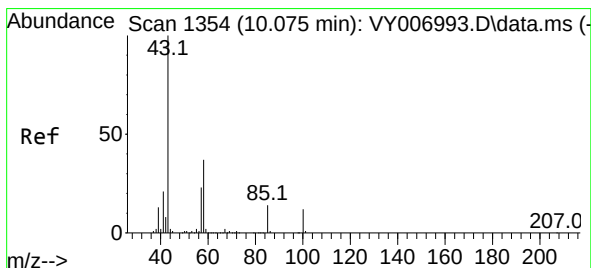
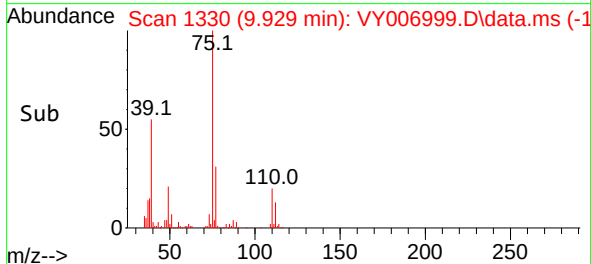
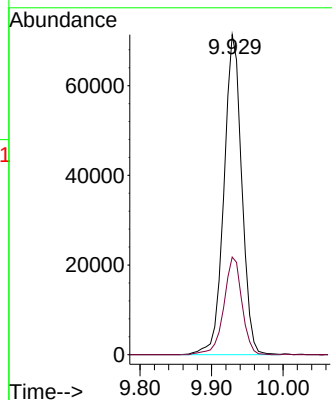
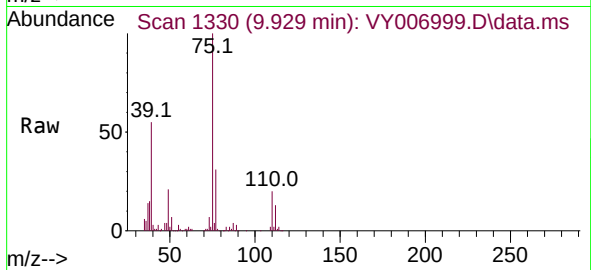
ClientSampleId :

Tgt Ion: 75 Resp: 123661

Ion Ratio Lower Upper

75 100

77 30.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 56.213 ug/L

RT: 10.069 min Scan# 1353

Delta R.T. -0.006 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

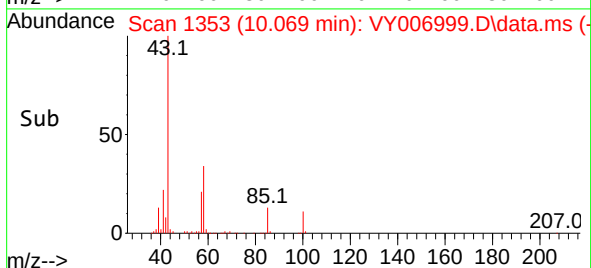
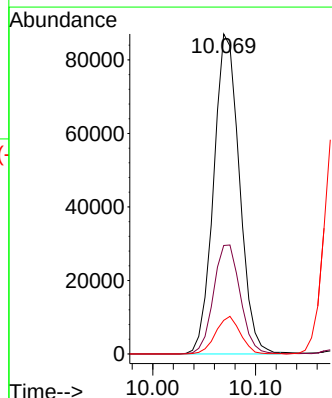
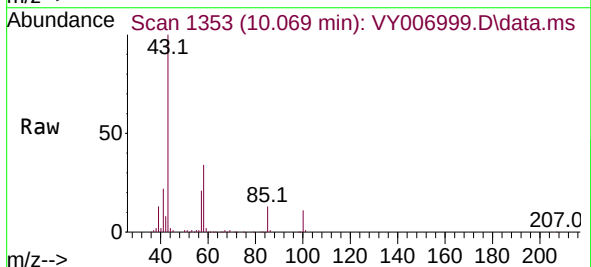
Tgt Ion: 43 Resp: 151771

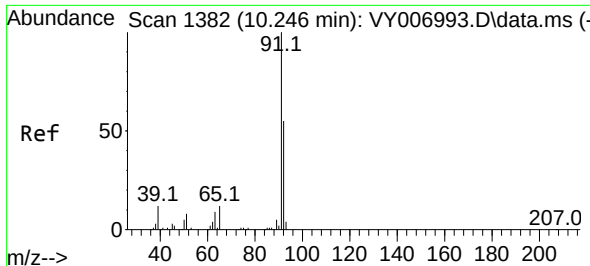
Ion Ratio Lower Upper

43 100

58 35.3 28.6 42.8

100 11.3 9.2 13.8

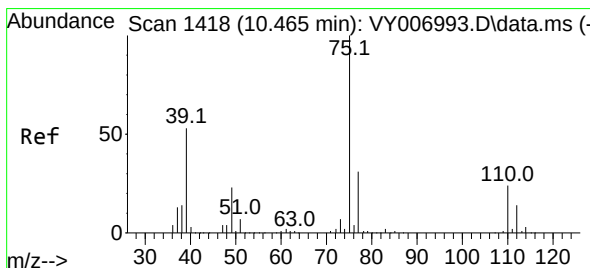
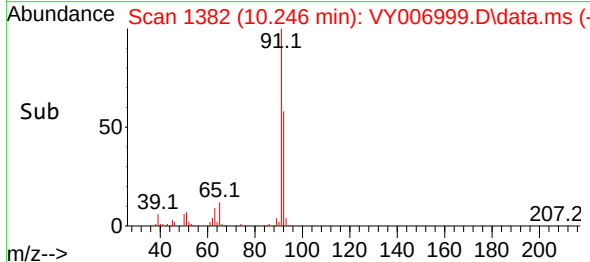
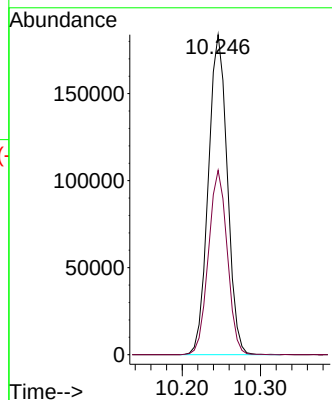
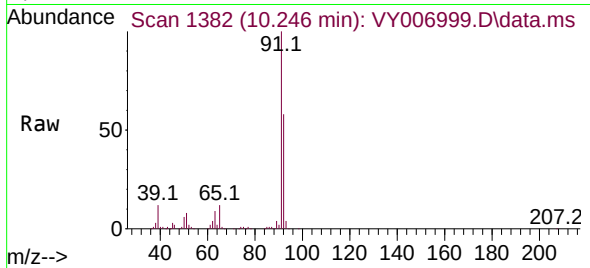




#42
Toluene
Concen: 26.552 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

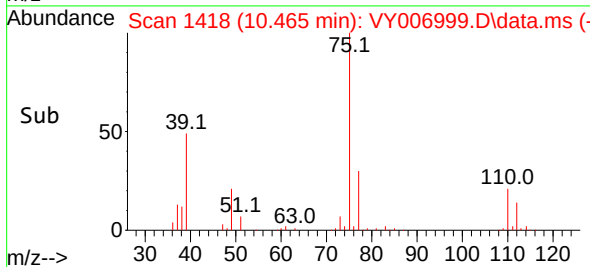
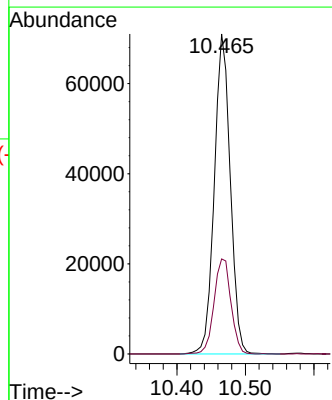
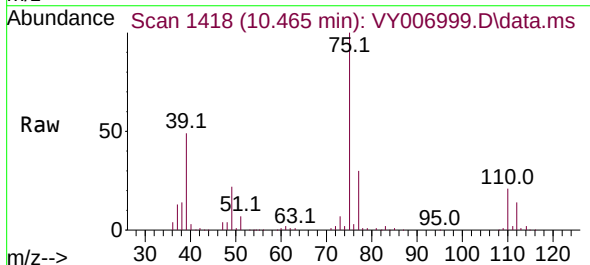
Instrument :
MSVOA_Y
ClientSampleId :

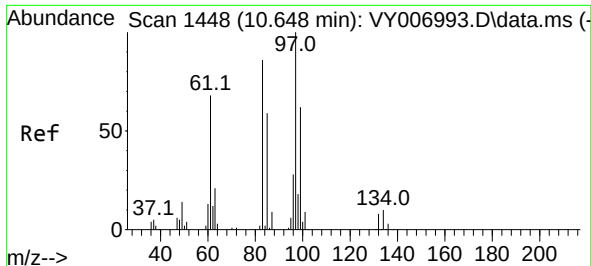
Tgt Ion: 91 Resp: 308815
Ion Ratio Lower Upper
91 100
92 57.6 38.2 71.0



#44
trans-1,3-Dichloropropene
Concen: 26.962 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

Tgt Ion: 75 Resp: 114864
Ion Ratio Lower Upper
75 100
77 29.7 21.8 40.6

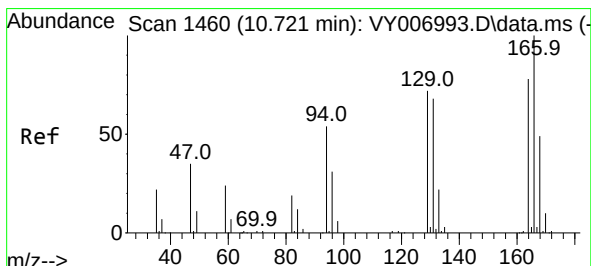
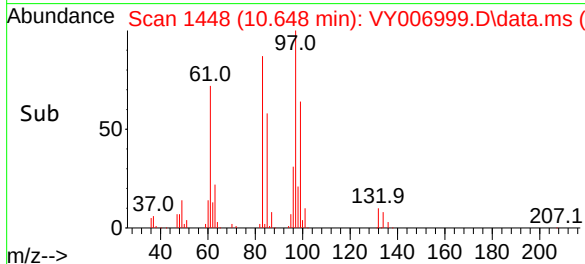
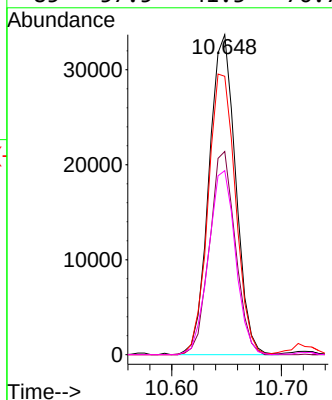
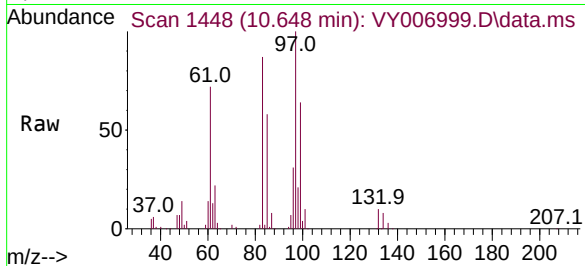




#45
1,1,2-Trichloroethane
Concen: 26.399 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

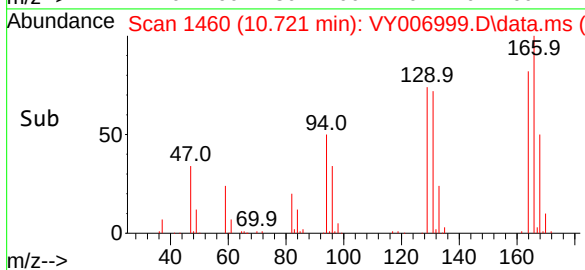
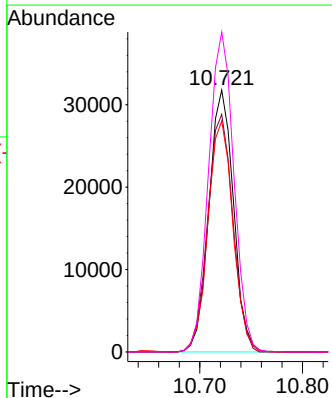
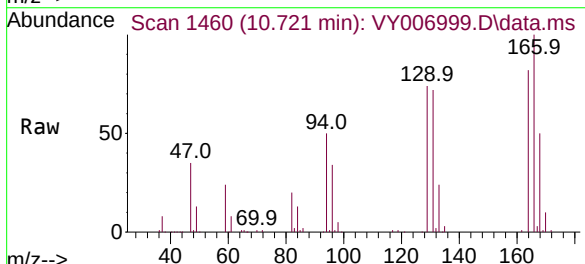
Instrument :
MSVOA_Y
ClientSampleId :

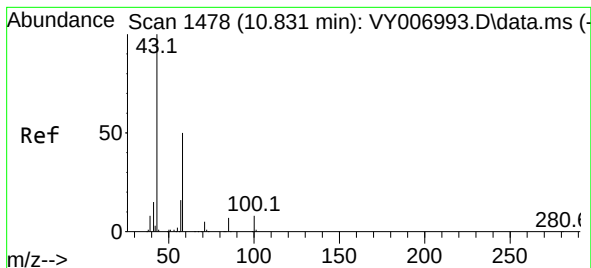
Tgt Ion: 97	Resp: 56962
Ion Ratio	Lower Upper
97 100	
99 63.5	43.4 80.6
83 87.0	59.8 111.1
85 57.5	41.3 76.7



#46
Tetrachloroethene
Concen: 25.759 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

Tgt	Ion:164	Resp:	52637
Ion	Ratio	Lower	Upper
164	100		
129	90.7	64.0	118.8
131	88.2	60.5	112.5
166	122.1	89.2	165.8





#48

2-Hexanone

Concen: 58.068 ug/L

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

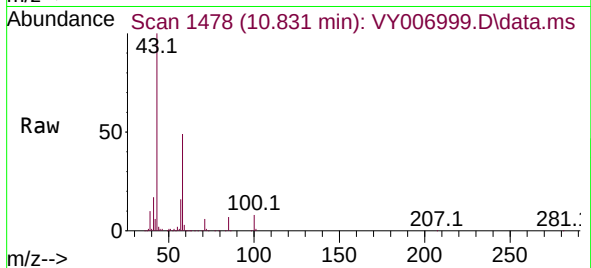
Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 107041

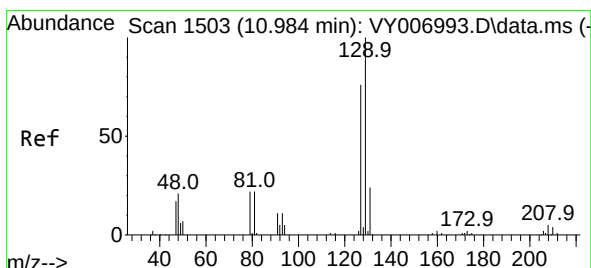
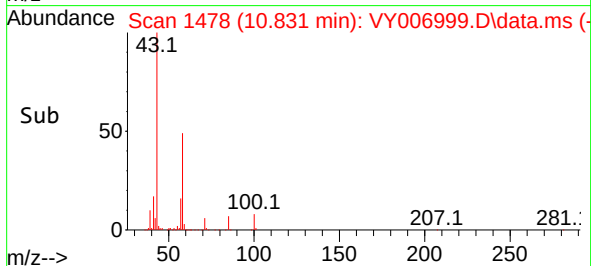
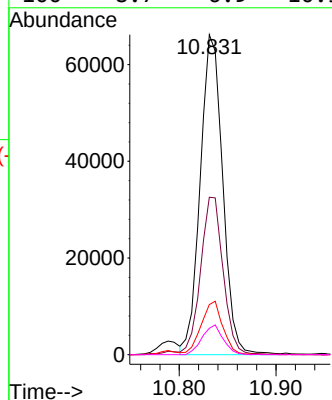
Ion Ratio Lower Upper

43 100

58 49.3 40.1 60.1

57 16.2 13.0 19.6

100 8.7 6.9 10.3



#49

Dibromochloromethane

Concen: 26.730 ug/L

RT: 10.984 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY006999.D

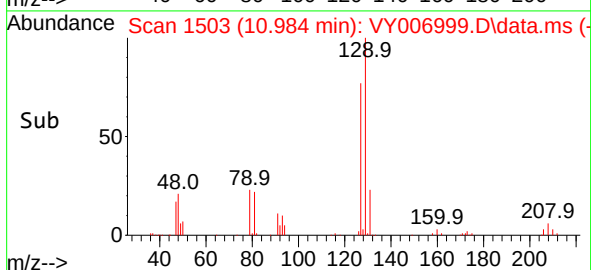
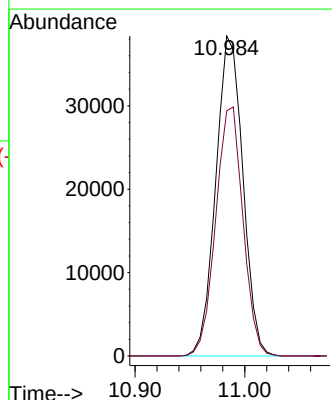
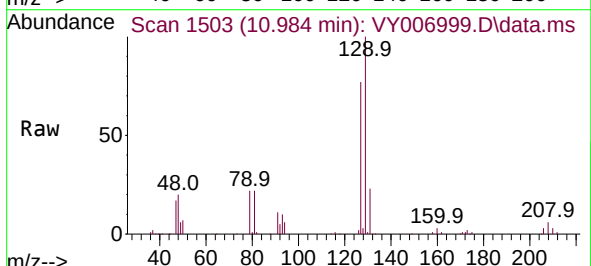
Acq: 07 Dec 2021 15:58

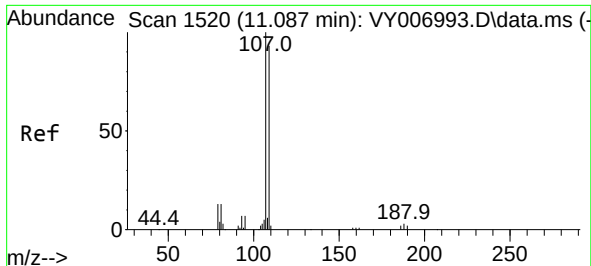
Tgt Ion: 129 Resp: 65977

Ion Ratio Lower Upper

129 100

127 76.7 52.8 98.2





#50

1,2-Dibromoethane

Concen: 26.471 ug/L

RT: 11.087 min Scan# 1520

Delta R.T. -0.000 min

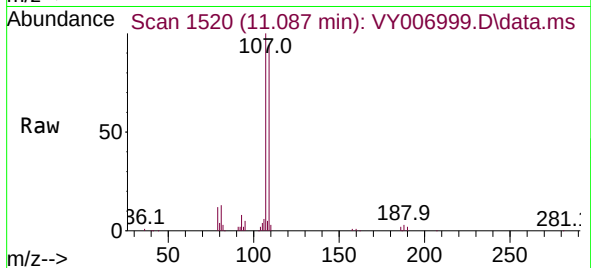
Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

Instrument :

MSVOA_Y

ClientSampleId :



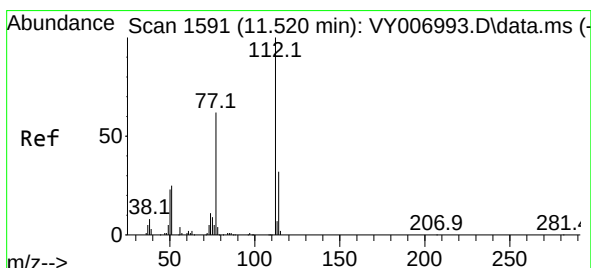
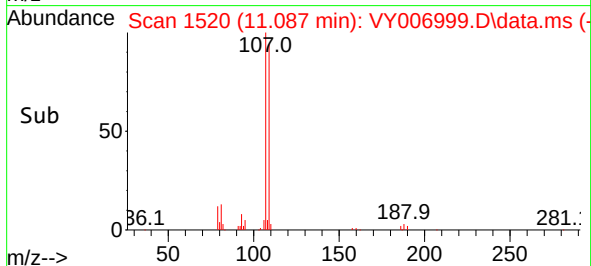
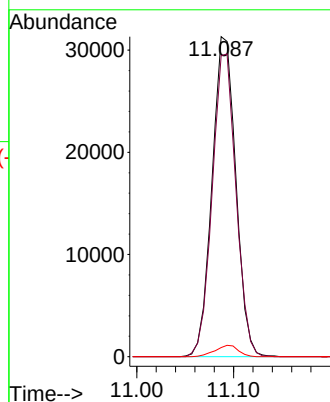
Tgt Ion:107 Resp: 53535

Ion Ratio Lower Upper

107 100

109 94.1 65.5 121.7

188 2.9 2.6 3.8



#51

Chlorobenzene

Concen: 26.310 ug/L

RT: 11.520 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

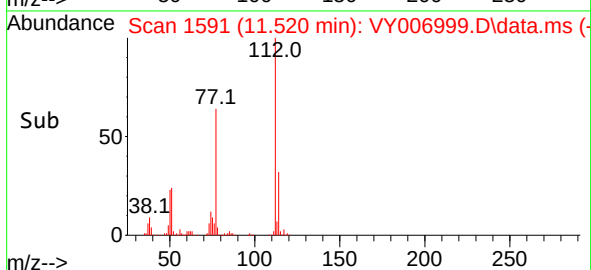
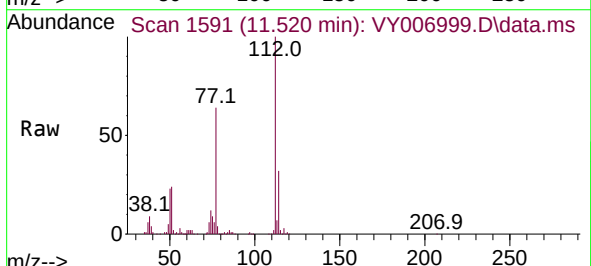
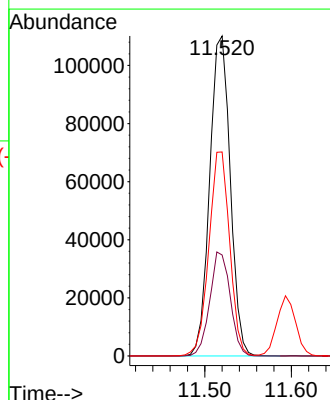
Tgt Ion:112 Resp: 181305

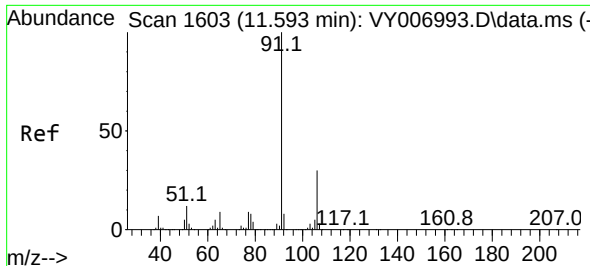
Ion Ratio Lower Upper

112 100

114 31.6 22.3 41.3

77 63.8 49.8 74.8

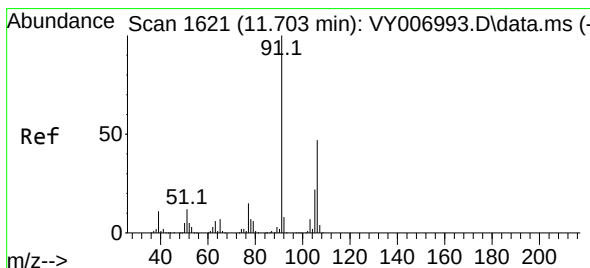
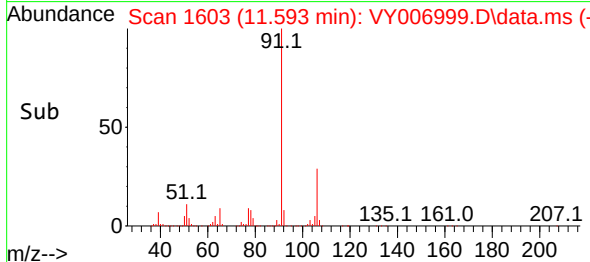
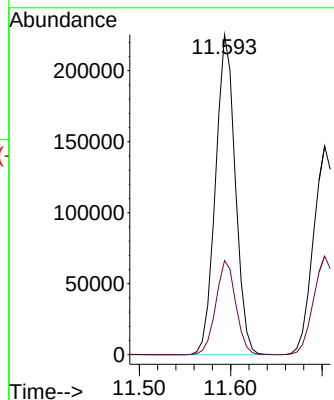
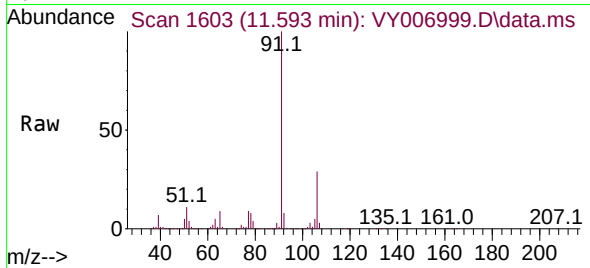




#52
Ethylbenzene
Concen: 26.557 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

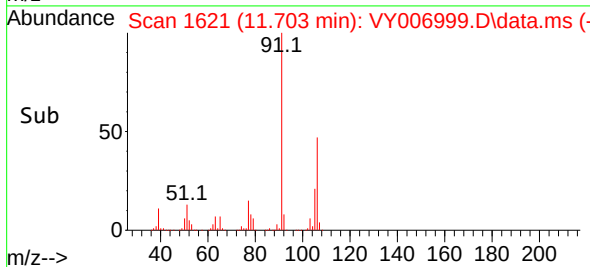
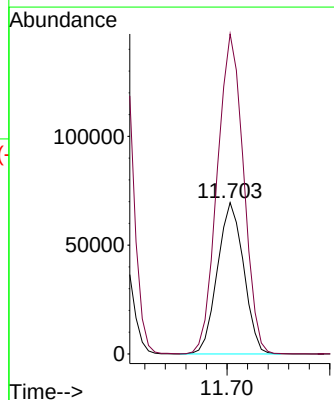
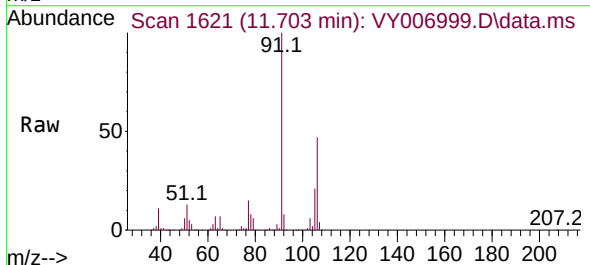
Instrument :
MSVOA_Y
ClientSampleId :

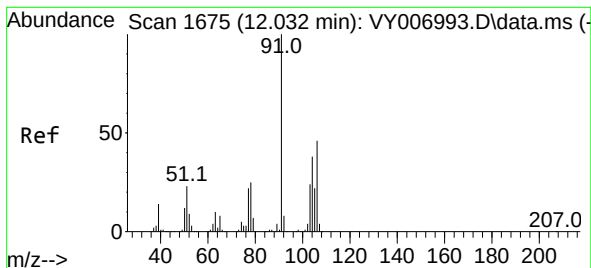
Tgt Ion: 91 Resp: 339139
Ion Ratio Lower Upper
91 100
106 29.4 21.3 39.6



#53
m,p-Xylene
Concen: 26.172 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

Tgt Ion:106 Resp: 123102
Ion Ratio Lower Upper
106 100
91 211.5 148.8 276.4





#54

o-Xylene

Concen: 26.801 ug/L

RT: 12.032 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

Instrument :

MSVOA_Y

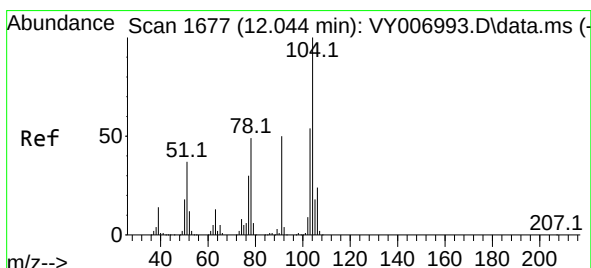
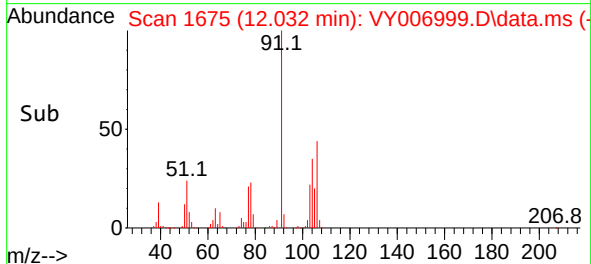
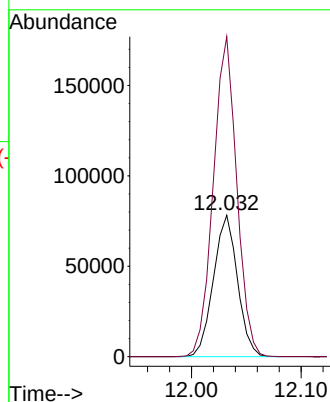
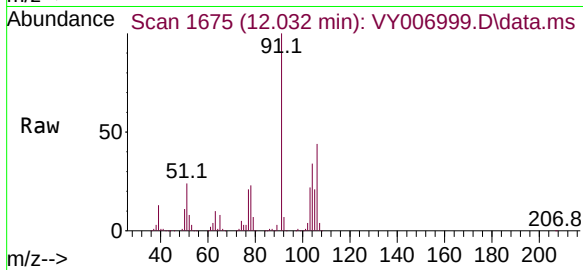
ClientSampleId :

Tgt Ion:106 Resp: 119333

Ion Ratio Lower Upper

106 100

91 226.3 152.0 282.2



#55

Styrene

Concen: 26.930 ug/L

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY006999.D

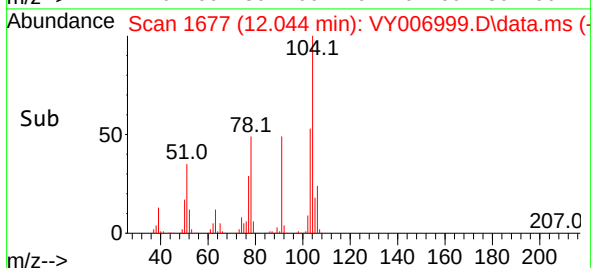
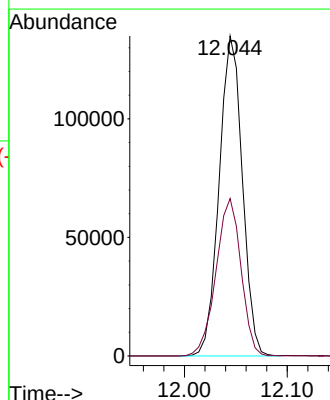
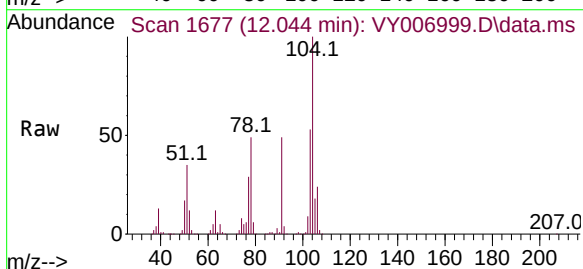
Acq: 07 Dec 2021 15:58

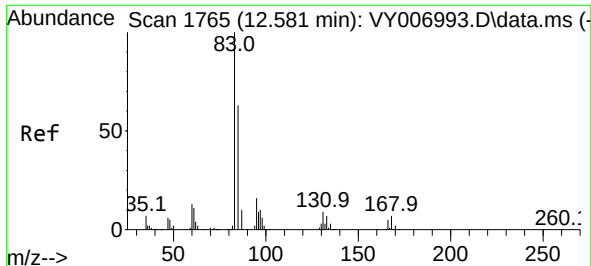
Tgt Ion:104 Resp: 211335

Ion Ratio Lower Upper

104 100

78 49.2 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 26.696 ug/L

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY006999.D

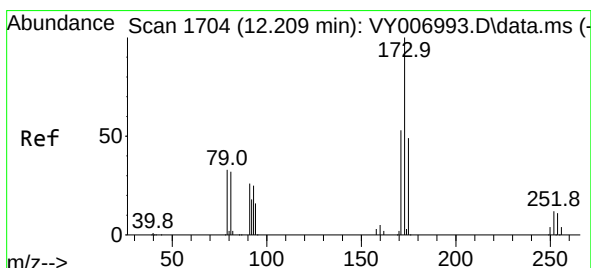
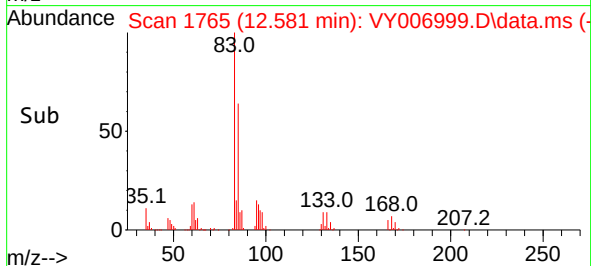
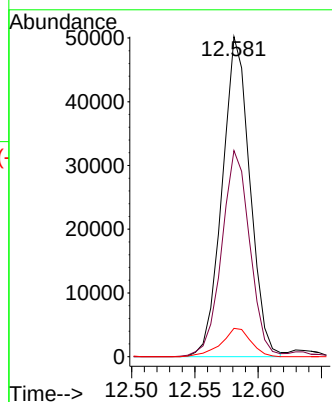
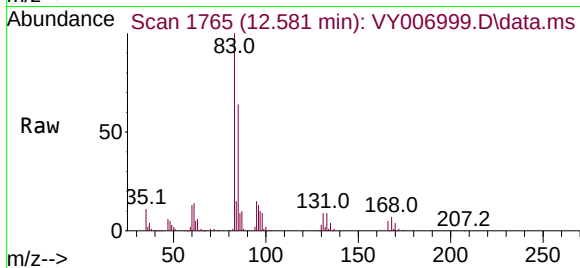
Acq: 07 Dec 2021 15:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp:	76541
Ion Ratio	Lower	Upper
83	100	
85	64.4	44.2 82.2
131	8.8	7.4 11.0



#59

Bromoform

Concen: 23.793 ug/L

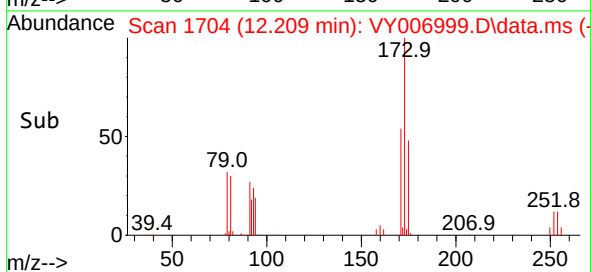
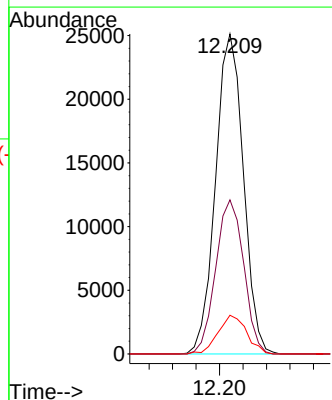
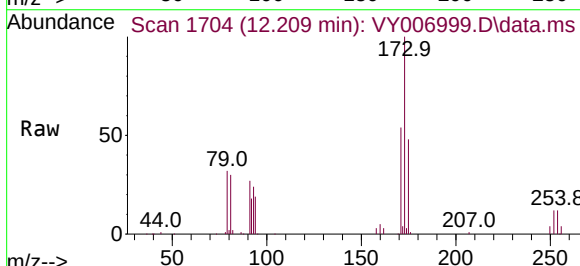
RT: 12.209 min Scan# 1704

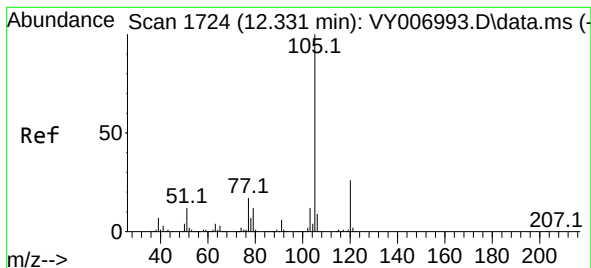
Delta R.T. -0.000 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

Tgt Ion: 173	Resp:	41319
Ion Ratio	Lower	Upper
173	100	
175	48.4	39.2 58.8
254	12.4	9.3 13.9





#60

Isopropylbenzene

Concen: 25.036 ug/L

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

Instrument :

MSVOA_Y

ClientSampleId :

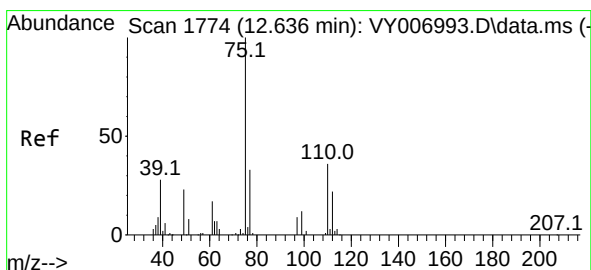
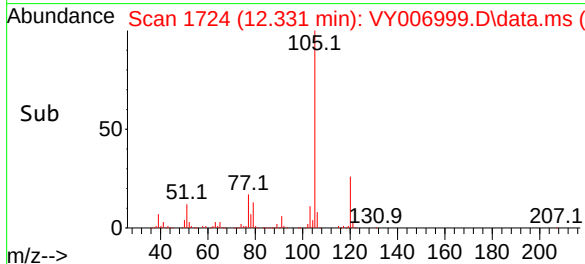
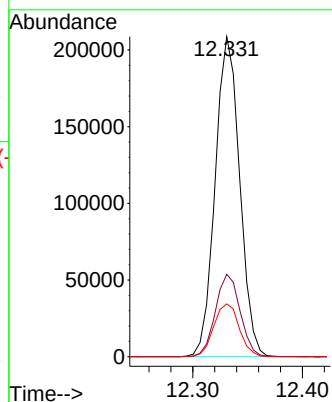
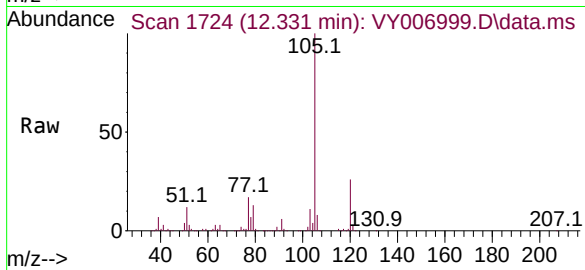
Tgt Ion:105 Resp: 324320

Ion Ratio Lower Upper

105 100

120 25.9 20.7 31.1

77 17.1 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 24.249 ug/L

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

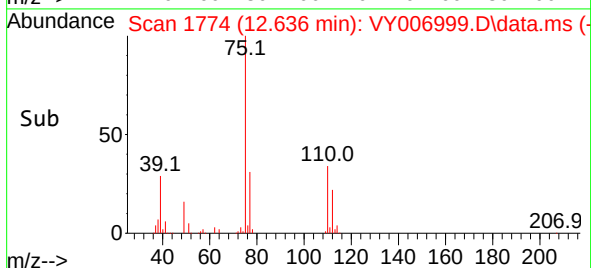
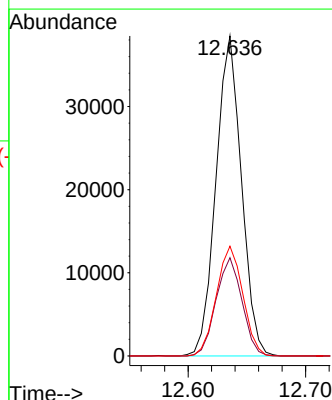
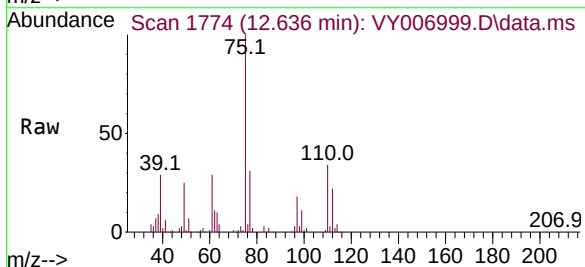
Tgt Ion: 75 Resp: 57985

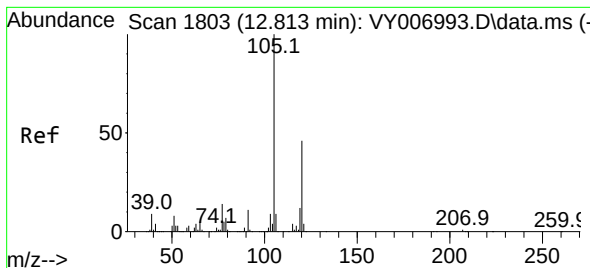
Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9

110 35.5 28.7 43.1

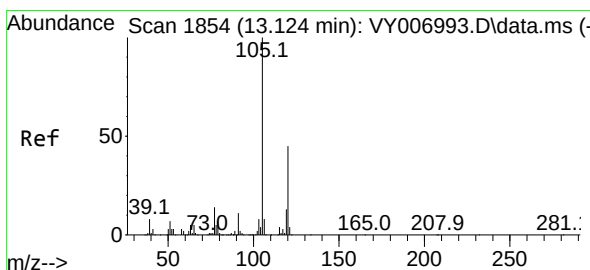
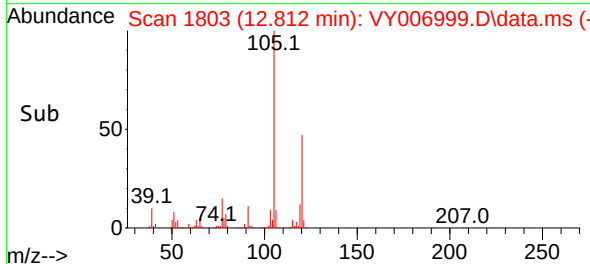
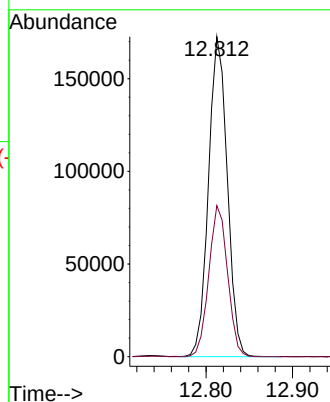
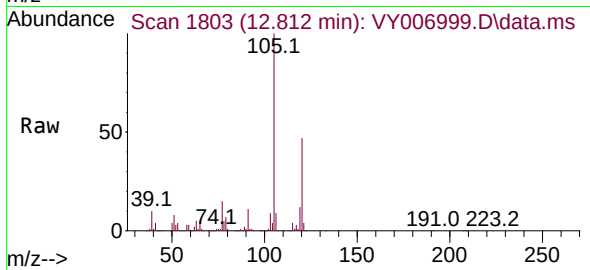




#62
1,3,5-Trimethylbenzene
Concen: 24.978 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

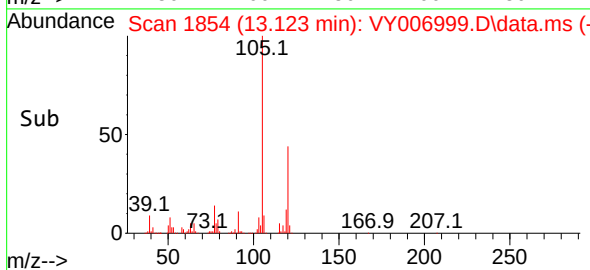
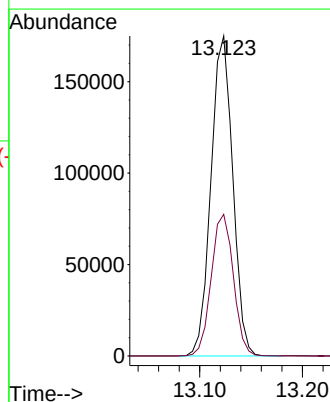
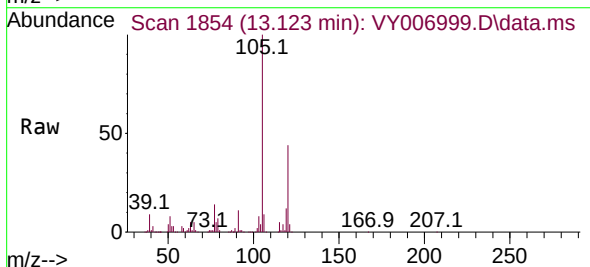
Instrument :
MSVOA_Y
ClientSampleId :

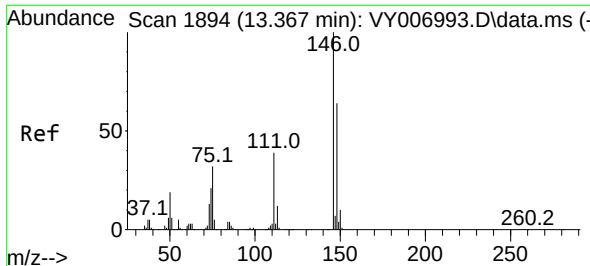
Tgt Ion:105 Resp: 259978
Ion Ratio Lower Upper
105 100
120 47.1 37.4 56.0



#63
1,2,4-Trimethylbenzene
Concen: 23.958 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

Tgt Ion:105 Resp: 258036
Ion Ratio Lower Upper
105 100
120 44.9 35.4 53.2

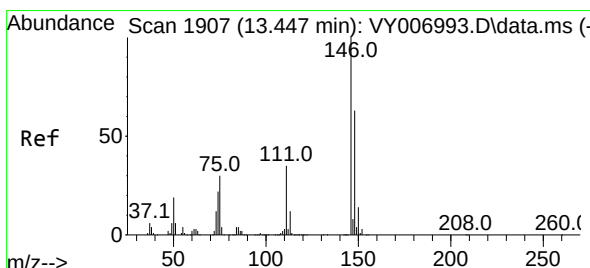
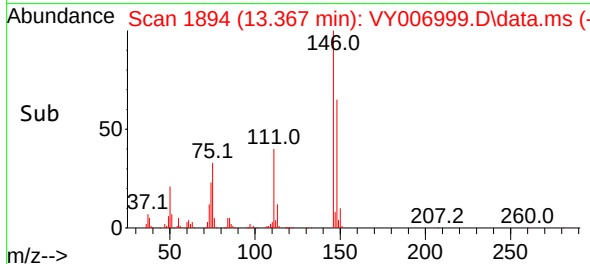
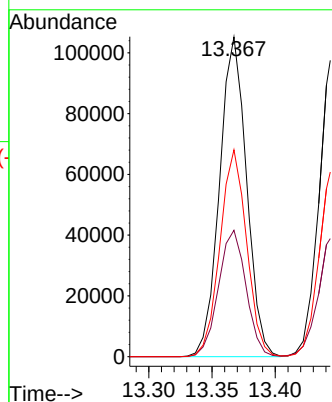
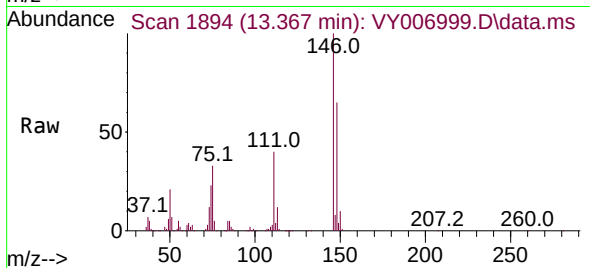




#64
1,3-Dichlorobenzene
Concen: 26.231 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

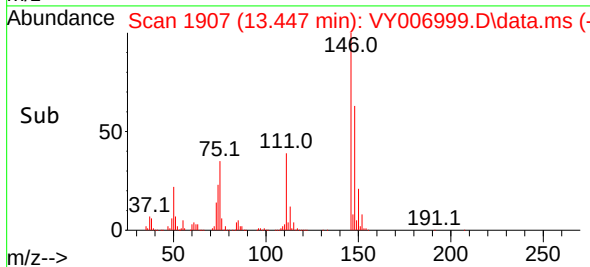
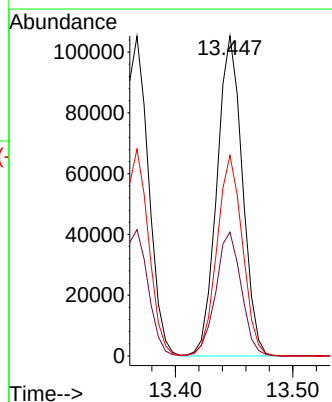
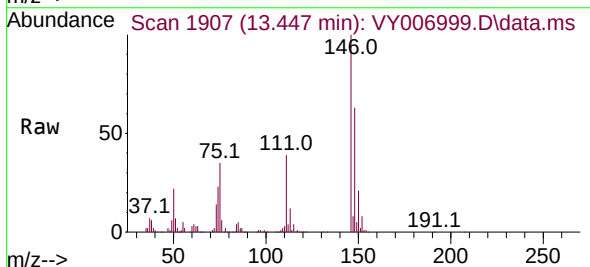
Instrument :
MSVOA_Y
ClientSampleId :

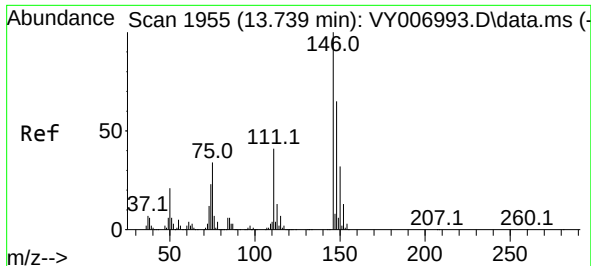
Tgt Ion:146 Resp: 156126
Ion Ratio Lower Upper
146 100
111 39.6 27.2 50.6
148 64.7 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 26.442 ug/L
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006999.D
Acq: 07 Dec 2021 15:58

Tgt Ion:146 Resp: 158620
Ion Ratio Lower Upper
146 100
111 38.7 24.6 45.6
148 62.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 29.129 ug/L

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

Instrument :

MSVOA_Y

ClientSampleId :

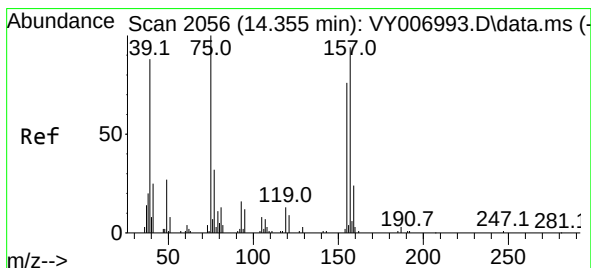
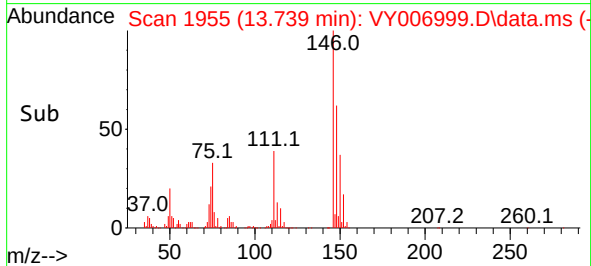
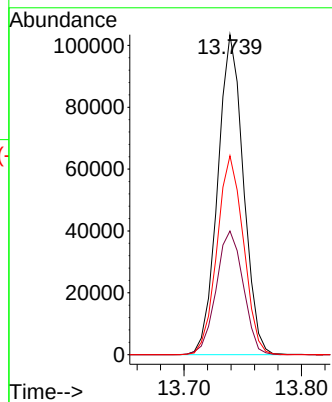
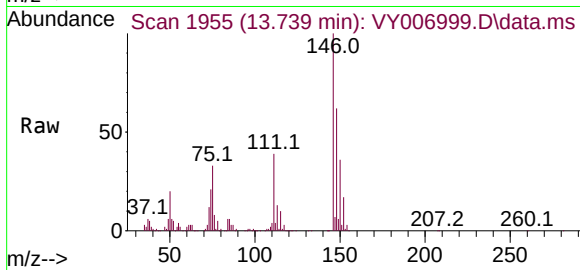
Tgt Ion:146 Resp: 157274

Ion Ratio Lower Upper

146 100

111 38.7 32.8 49.2

148 62.1 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 25.113 ug/L

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

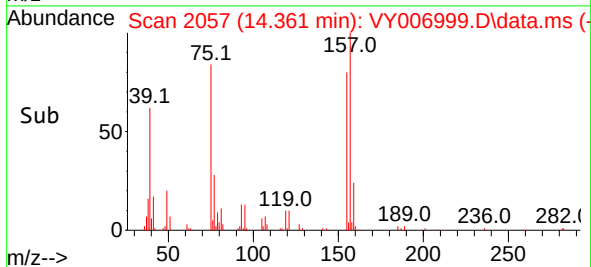
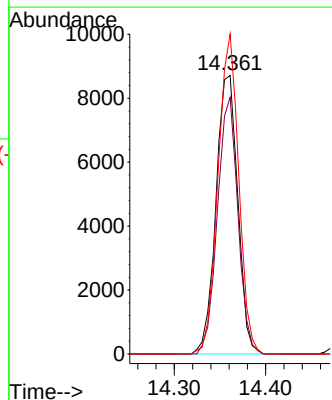
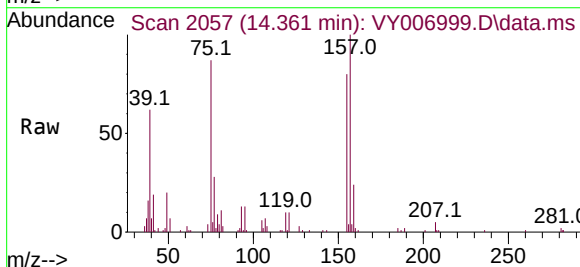
Tgt Ion: 75 Resp: 14416

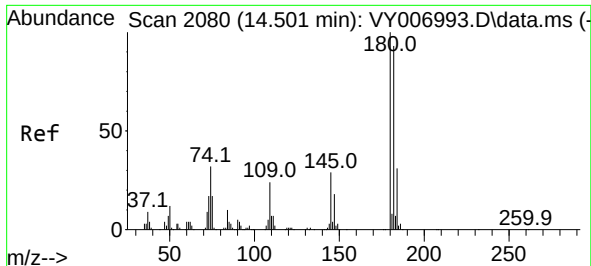
Ion Ratio Lower Upper

75 100

155 92.2 61.0 91.6#

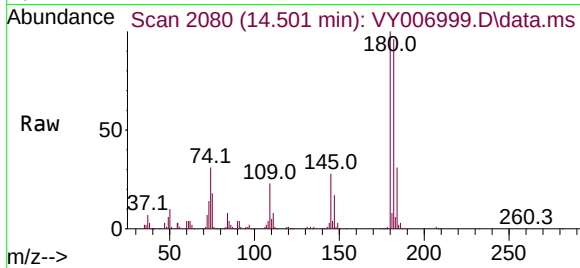
157 114.9 75.4 113.2#



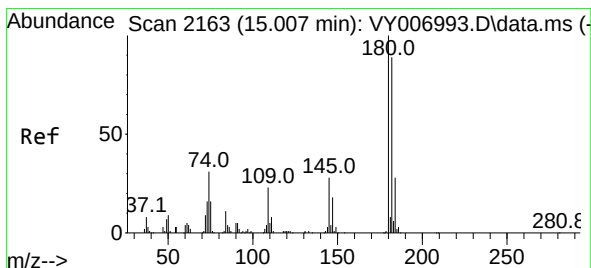
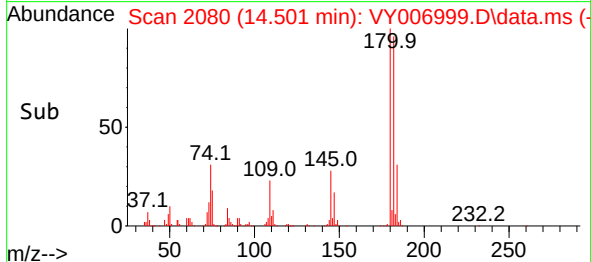
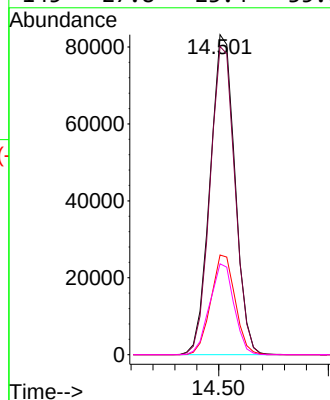


#69
 1,3,5-Trichlorobenzene
 Concen: 29.970 ug/L
 RT: 14.501 min Scan# 2080
 Delta R.T. -0.000 min
 Lab File: VY006999.D
 Acq: 07 Dec 2021 15:58

Instrument :
 MSVOA_Y
 ClientSampleId :

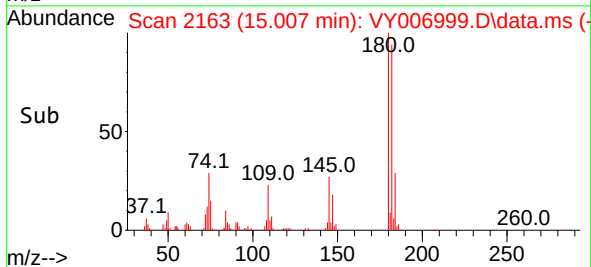
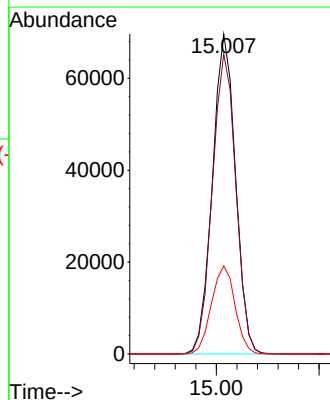
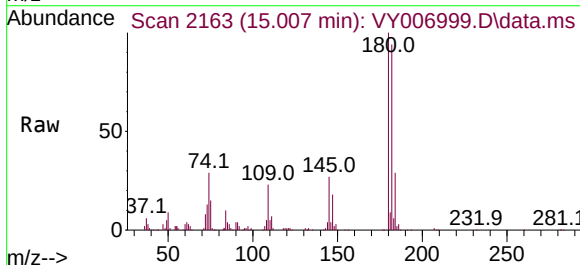


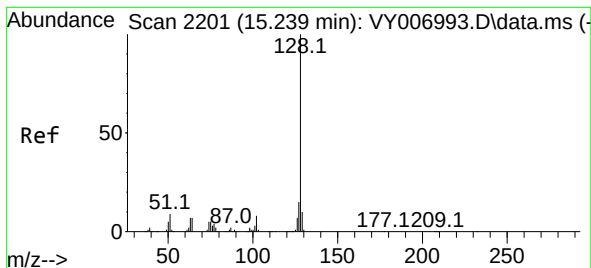
Tgt Ion:180 Resp: 130894
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.5 113.3
 184 30.4 24.1 36.1
 145 27.8 23.4 35.0



#70
 1,2,4-trichlorobenzene
 Concen: 29.208 ug/L
 RT: 15.007 min Scan# 2163
 Delta R.T. -0.000 min
 Lab File: VY006999.D
 Acq: 07 Dec 2021 15:58

Tgt Ion:180 Resp: 108485
 Ion Ratio Lower Upper
 180 100
 182 95.3 74.6 112.0
 145 28.1 22.7 34.1





#71

Naphthalene

Concen: 28.587 ug/L

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

Instrument :

MSVOA_Y

ClientSampleId :

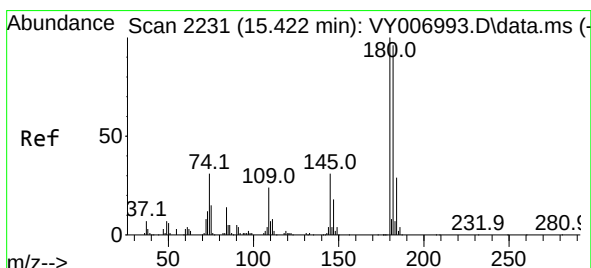
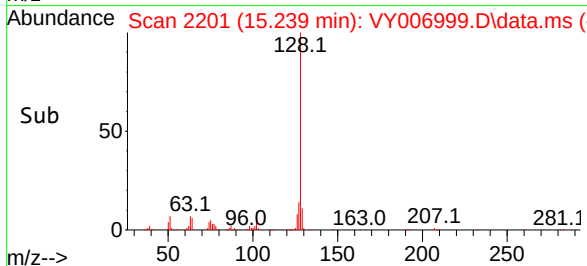
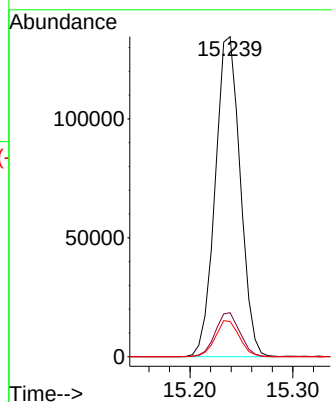
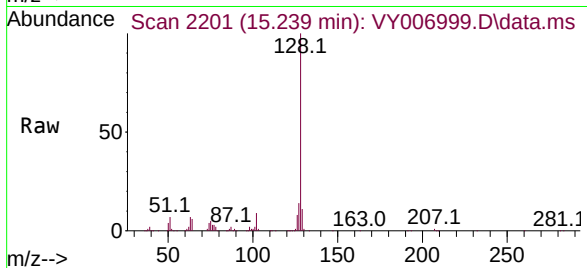
Tgt Ion:128 Resp: 227138

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 27.386 ug/L

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY006999.D

Acq: 07 Dec 2021 15:58

Tgt Ion:180 Resp: 94641

Ion Ratio Lower Upper

180 100

182 97.1 76.2 114.2

145 29.8 23.7 35.5

