

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY006997.D
 Acq On : 07 Dec 2021 14:39
 Operator : SY/MD
 Sample : VSTD2.511
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 08 01:18:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120721SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 01:13:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	156180	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	143522	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	68972	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	8307	3.559	ug/L	0.00
7) Chloroethane-d5	2.765	69	6769	3.734	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.857	63	13732	3.105	ug/L	0.00
21) 2-Butanone-d5	6.899	46	5706	6.694	ug/L	0.00
24) Chloroform-d	7.478	84	13313	3.245	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.143	65	8438	3.418	ug/L	0.00
32) Benzene-d6	8.112	84	25562	3.210	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	8732	3.404	ug/L	0.00
41) Toluene-d8	10.179	98	23119	3.121	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.435	79	4020	3.287	ug/L	0.00
47) 2-Hexanone-d5	10.788	63	3948	6.455	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.562	84	7679	3.536	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.727	152	7800	3.393	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.924	85	2387	2.389	ug/L #	87
3) Chloromethane	2.113	50	7604	3.781	ug/L	97
5) Vinyl chloride	2.253	62	10857	3.547	ug/L	85
6) Bromomethane	2.668	94	5917	3.193	ug/L	90
8) Chloroethane	2.802	64	5956	3.240	ug/L	94
9) Trichlorofluoromethane	3.125	101	5660	2.629	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.906	101	5487	2.726	ug/L #	93
12) 1,1-Dichloroethene	3.869	96	5777	2.694	ug/L	87
13) Acetone	3.948	43	5275	6.887	ug/L	92
14) Carbon disulfide	4.198	76	17798	2.518	ug/L	99
15) Methyl Acetate	4.479	43	4519	2.721	ug/L #	96
17) trans-1,2-Dichloroethene	5.216	96	5540	2.407	ug/L	85
18) Methyl tert-butyl Ether	5.222	73	11239	2.652	ug/L #	86
19) 1,1-Dichloroethane	6.015	63	12555	2.850	ug/L	99
20) cis-1,2-Dichloroethene	6.984	96	6378	2.591	ug/L	89
22) 2-Butanone	6.984	43	6317	5.854	ug/L	82
23) Bromochloromethane	7.332	128	2816	2.518	ug/L	87
25) Chloroform	7.502	83	11771	2.684	ug/L	94
27) 1,2-Dichloroethane	8.240	62	8670	2.723	ug/L	99
29) Cyclohexane	7.783	56	5703	1.382	ug/L #	45
30) 1,1,1-Trichloroethane	7.704	97	9835	2.665	ug/L	98
31) Carbon tetrachloride	7.899	117	8850	2.546	ug/L	96
33) Benzene	8.167	78	25335	2.570	ug/L	100
34) Trichloroethene	8.941	95	6229	2.585	ug/L	96
35) Methylcyclohexane	9.185	83	10510	2.444	ug/L	98
37) 1,2-Dichloropropane	9.216	63	7149	2.761	ug/L #	92
38) Bromodichloromethane	9.496	83	9157	2.777	ug/L	95
39) cis-1,3-Dichloropropene	9.929	75	10659	2.664	ug/L	91
40) 4-Methyl-2-pentanone	10.069	43	12475	5.371	ug/L	97
42) Toluene	10.246	91	26418	2.525	ug/L	96
44) trans-1,3-Dichloropropene	10.465	75	9786	2.611	ug/L	96
45) 1,1,2-Trichloroethane	10.642	97	5127	2.716	ug/L	86

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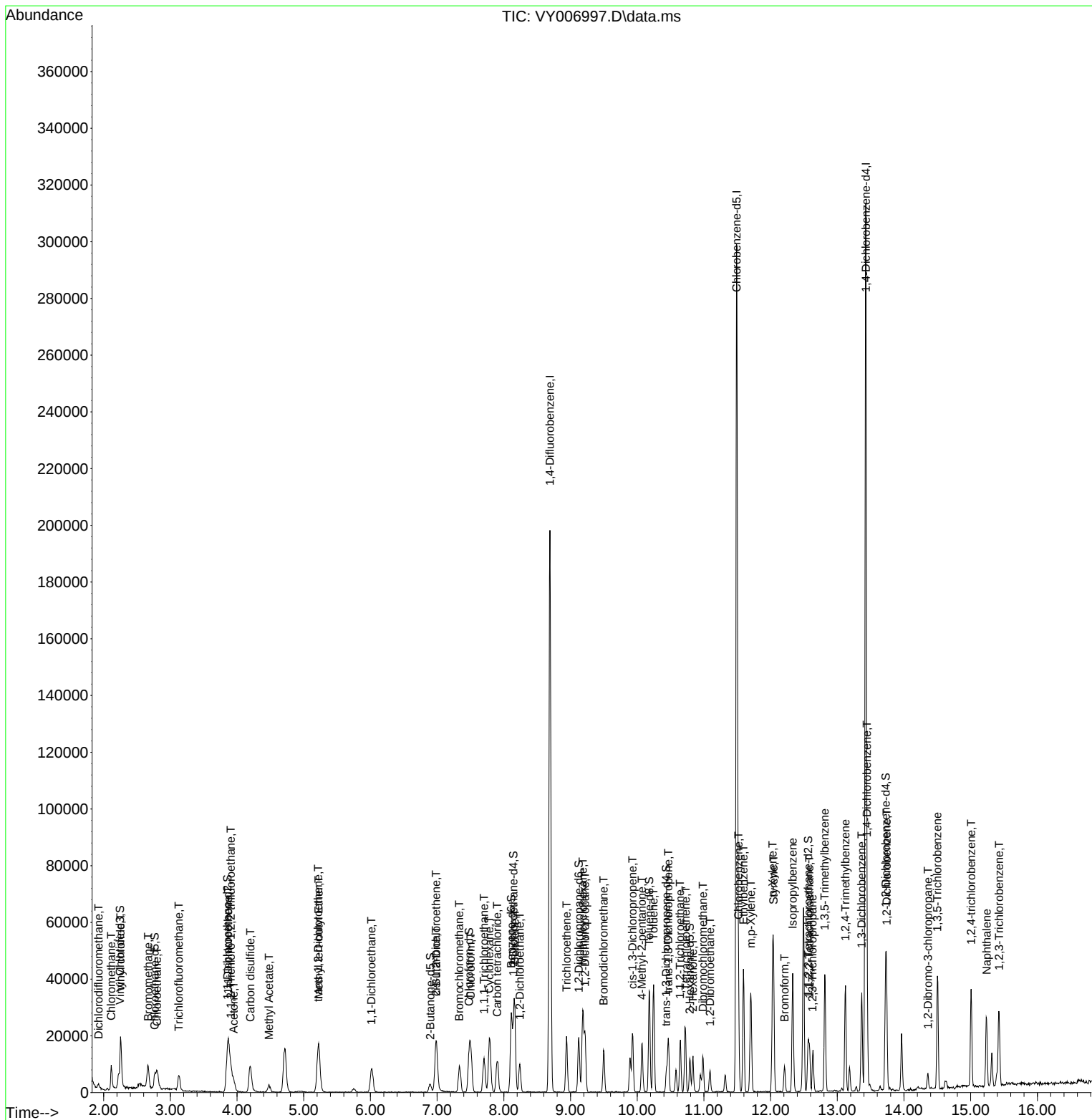
Instrument :
 MSVOA_Y
 ClientSampleId :

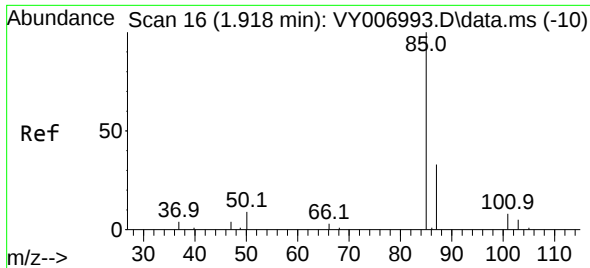
Quant Time: Dec 08 01:18:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120721SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 01:13:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.727	164	4890	2.489	ug/L	83
48) 2-Hexanone	10.837	43	8115	5.212	ug/L	97
49) Dibromochloromethane	10.983	129	5641	2.493	ug/L	94
50) 1,2-Dibromoethane	11.093	107	4899	2.736	ug/L	88
51) Chlorobenzene	11.520	112	15863	2.508	ug/L	90
52) Ethylbenzene	11.593	91	27370	2.440	ug/L	98
53) m,p-Xylene	11.703	106	10167	2.398	ug/L	80
54) o-Xylene	12.032	106	9164	2.297	ug/L	99
55) Styrene	12.044	104	15952	2.288	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.581	83	6708	2.871	ug/L	94
59) Bromoform	12.209	173	3519	2.588	ug/L	97
60) Isopropylbenzene	12.331	105	25118	2.566	ug/L	99
61) 1,2,3-Trichloropropane	12.630	75	5545	3.285	ug/L	98
62) 1,3,5-Trimethylbenzene	12.812	105	19784	2.463	ug/L	96
63) 1,2,4-Trimethylbenzene	13.123	105	19223	2.379	ug/L	96
64) 1,3-Dichlorobenzene	13.367	146	12084	2.640	ug/L	86
65) 1,4-Dichlorobenzene	13.446	146	12465	2.672	ug/L	96
67) 1,2-Dichlorobenzene	13.739	146	11057	2.709	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.361	75	1600	4.262	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.501	180	10885	3.564	ug/L	96
70) 1,2,4-trichlorobenzene	15.007	180	9589	3.816	ug/L	97
71) Naphthalene	15.239	128	19106	3.734	ug/L	99
72) 1,2,3-Trichlorobenzene	15.428	180	7954	3.589	ug/L	97

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

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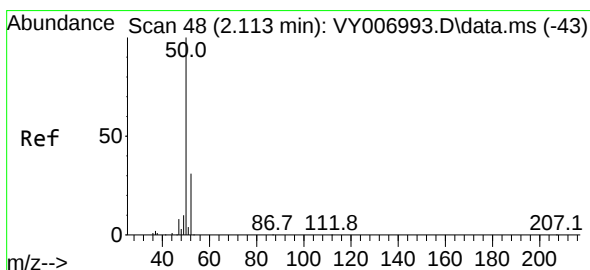
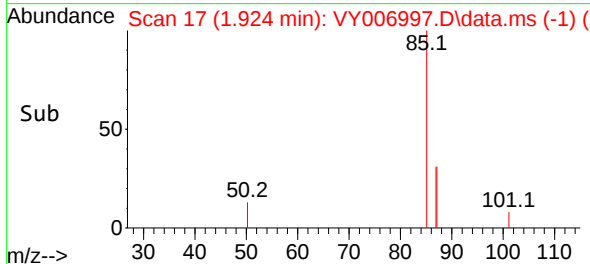
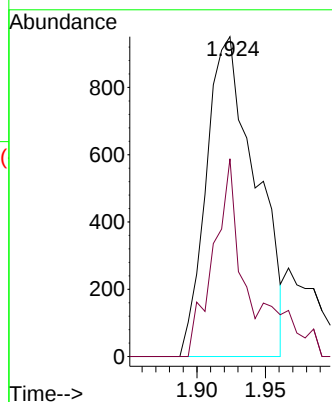
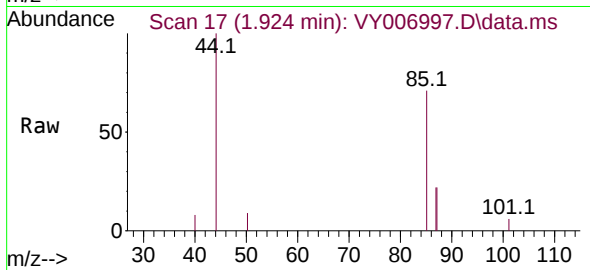




#2
Dichlorodifluoromethane
Concen: 2.389 ug/L
RT: 1.924 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

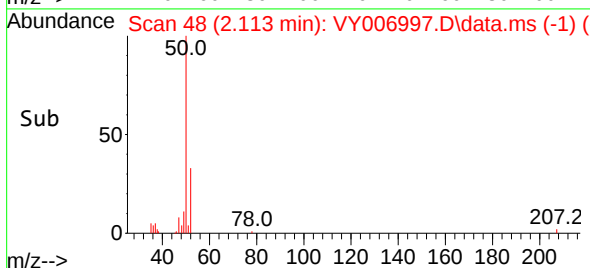
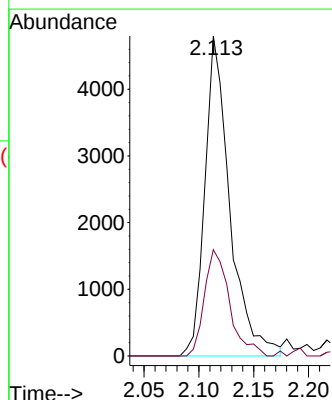
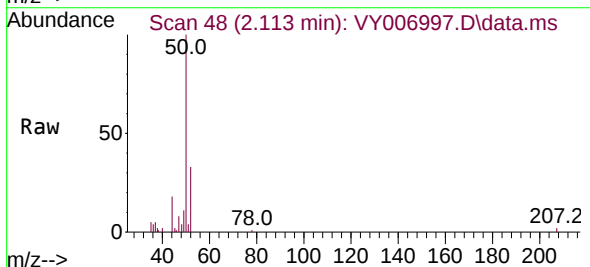
Instrument :
MSVOA_Y
ClientSampleId :

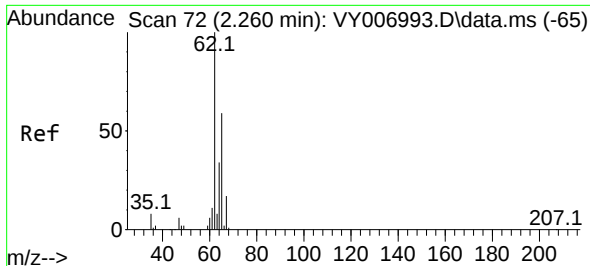
Tgt Ion: 85 Resp: 2387
Ion Ratio Lower Upper
85 100
87 33.3 21.2 31.8#



#3
Chloromethane
Concen: 3.781 ug/L
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

Tgt Ion: 50 Resp: 7604
Ion Ratio Lower Upper
50 100
52 33.2 22.0 41.0

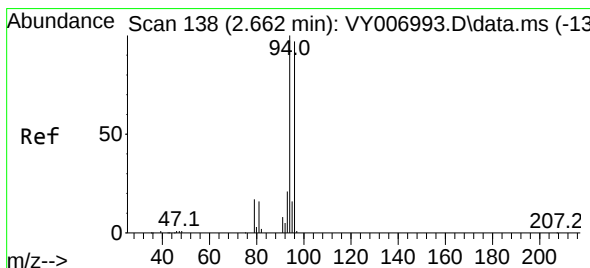
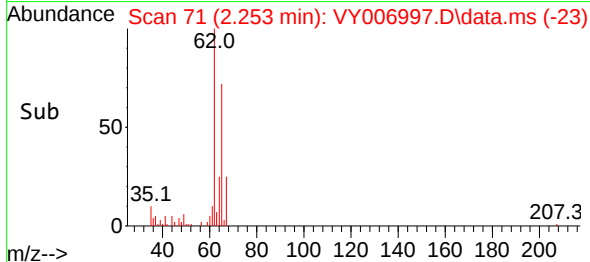
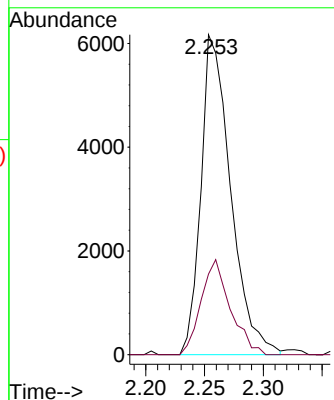
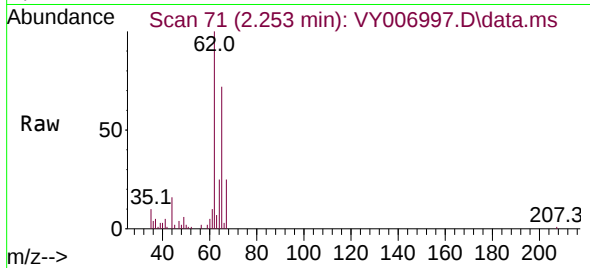




#5
 Vinyl chloride
 Concen: 3.547 ug/L
 RT: 2.253 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VY006997.D
 Acq: 07 Dec 2021 14:39

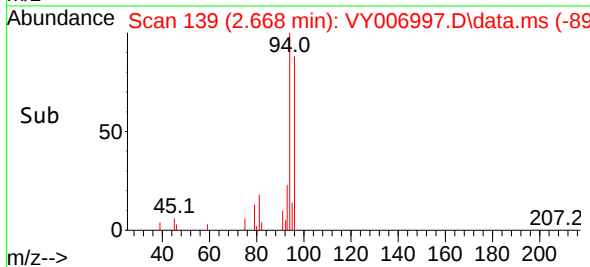
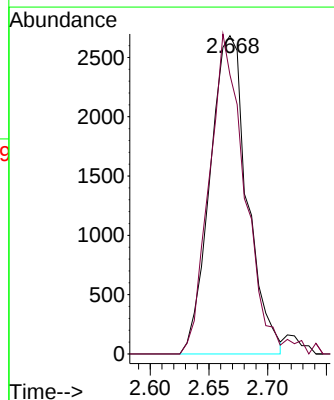
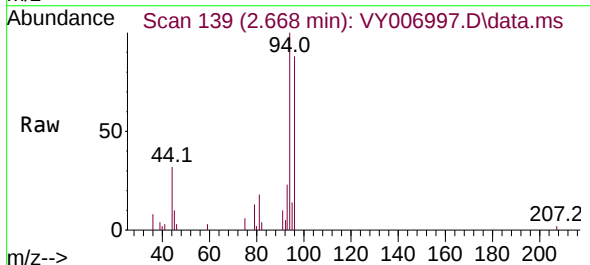
Instrument :
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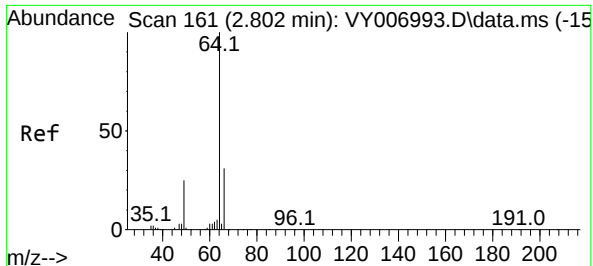
Tgt Ion: 62 Resp: 10857
 Ion Ratio Lower Upper
 62 100
 64 25.2 23.8 44.2



#6
 Bromomethane
 Concen: 3.193 ug/L
 RT: 2.668 min Scan# 139
 Delta R.T. 0.006 min
 Lab File: VY006997.D
 Acq: 07 Dec 2021 14:39

Tgt Ion: 94 Resp: 5917
 Ion Ratio Lower Upper
 94 100
 96 87.7 68.0 126.4

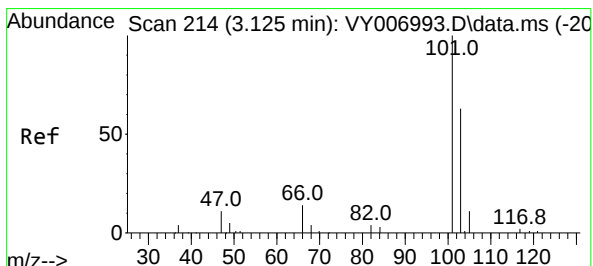
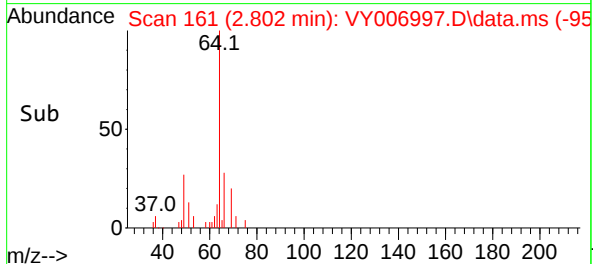
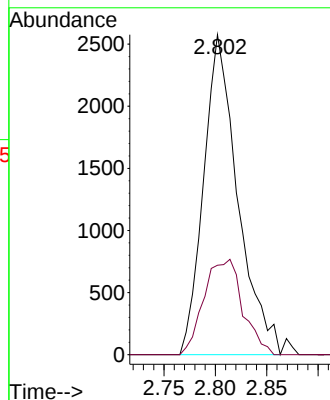
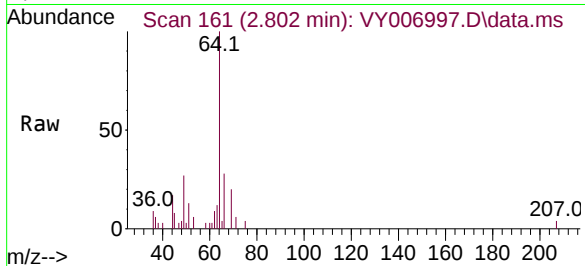




#8
Chloroethane
Concen: 3.240 ug/L
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

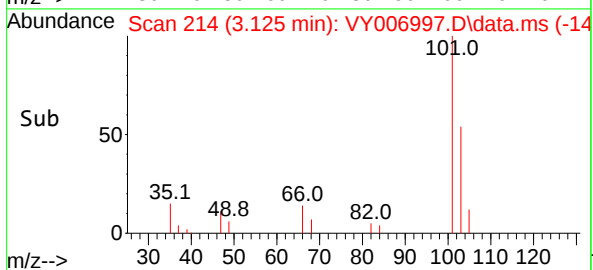
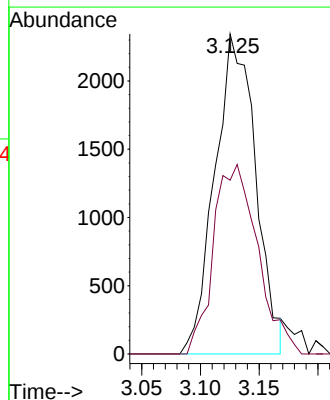
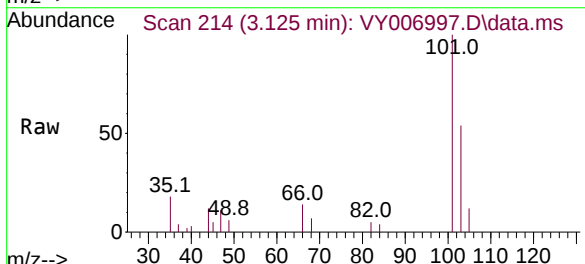
Instrument :
MSVOA_Y
ClientSampleId :

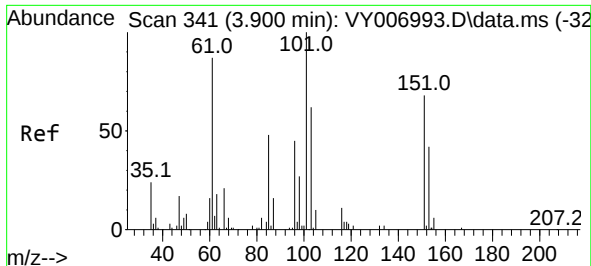
Tgt Ion: 64 Resp: 5956
Ion Ratio Lower Upper
64 100
66 28.0 21.8 40.4



#9
Trichlorofluoromethane
Concen: 2.629 ug/L
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

Tgt Ion:101 Resp: 5660
Ion Ratio Lower Upper
101 100
103 64.1 51.1 76.7





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.726 ug/L

RT: 3.906 min Scan# 341

Delta R.T. 0.006 min

Lab File: VY006997.D

Acq: 07 Dec 2021 14:39

Instrument :

MSVOA_Y

ClientSampleId :

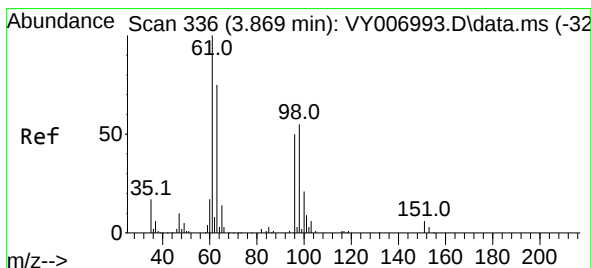
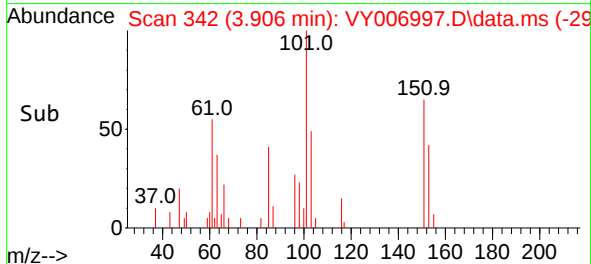
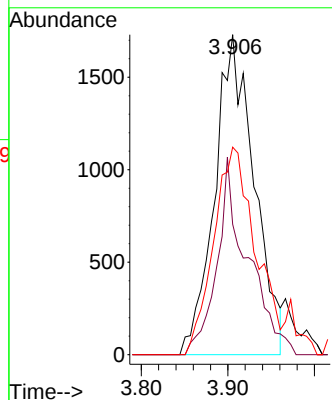
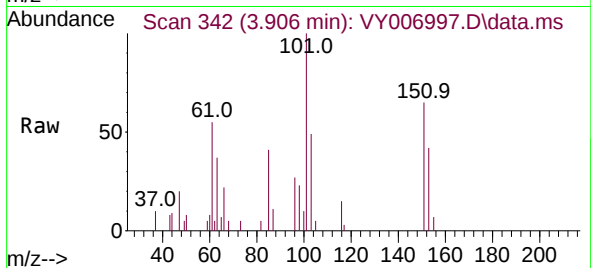
Tgt Ion:101 Resp: 5487

Ion Ratio Lower Upper

101 100

85 32.1 34.6 52.0#

151 68.5 55.0 82.4



#12

1,1-Dichloroethene

Concen: 2.694 ug/L

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY006997.D

Acq: 07 Dec 2021 14:39

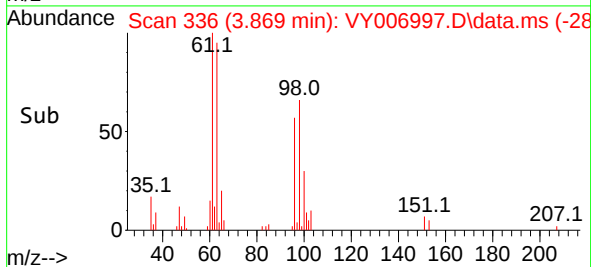
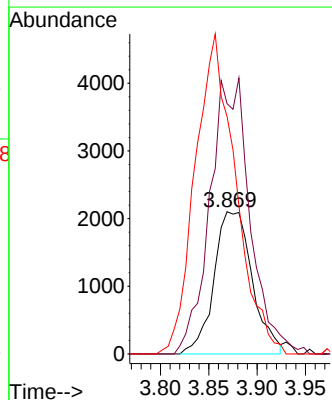
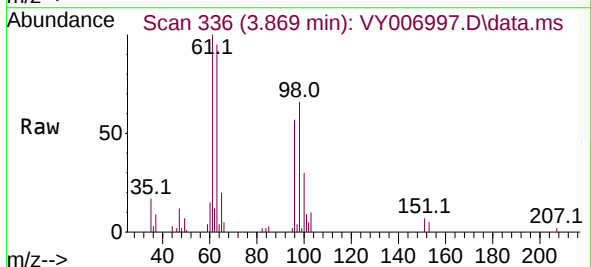
Tgt Ion: 96 Resp: 5777

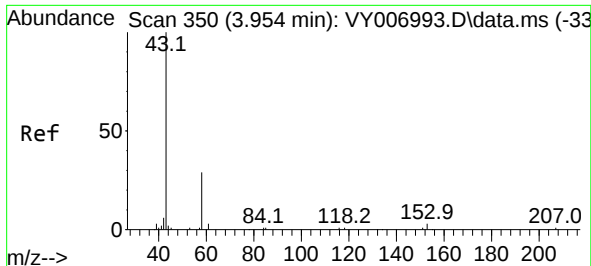
Ion Ratio Lower Upper

96 100

61 175.8 142.0 263.8

63 166.9 110.9 205.9





#13

Acetone

Concen: 6.887 ug/L

RT: 3.948 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY006997.D

Acq: 07 Dec 2021 14:39

Instrument :

MSVOA_Y

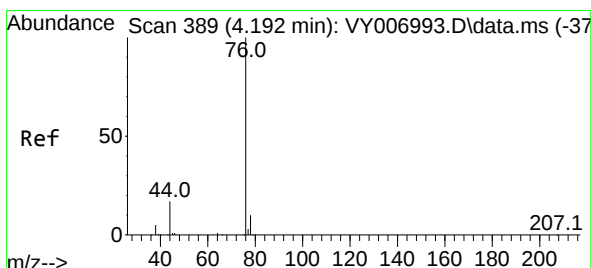
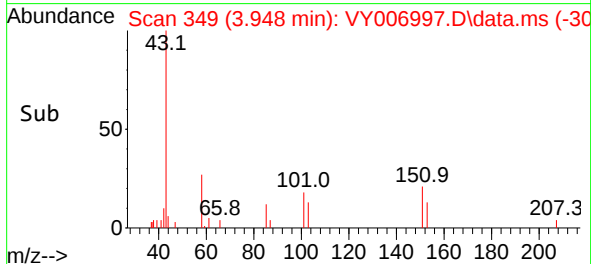
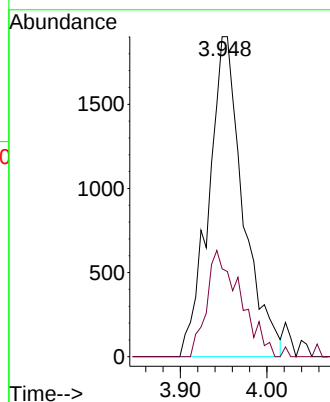
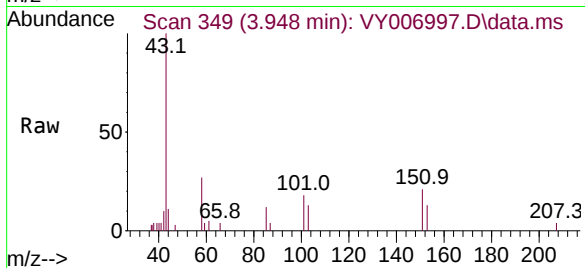
ClientSampleId :

Tgt Ion: 43 Resp: 5275

Ion Ratio Lower Upper

43 100

58 32.4 0.0 56.4



#14

Carbon disulfide

Concen: 2.518 ug/L

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY006997.D

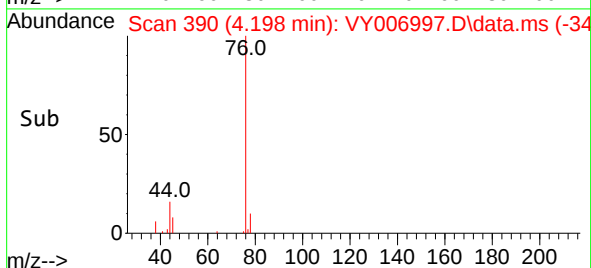
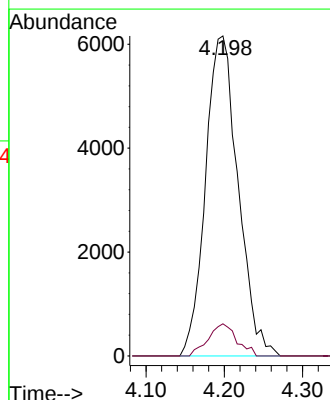
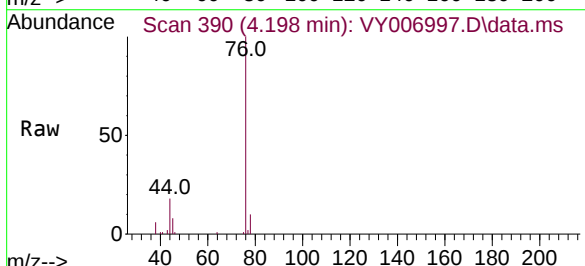
Acq: 07 Dec 2021 14:39

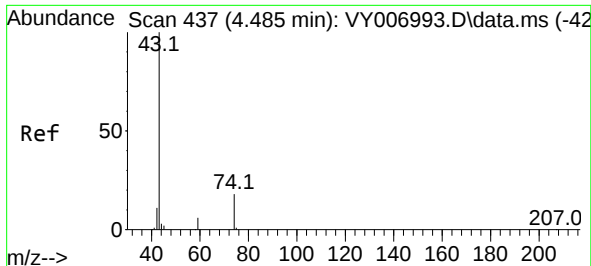
Tgt Ion: 76 Resp: 17798

Ion Ratio Lower Upper

76 100

78 10.0 7.8 11.8

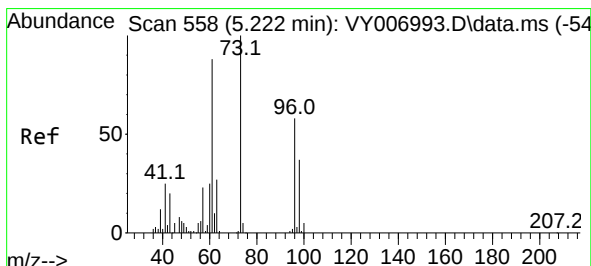
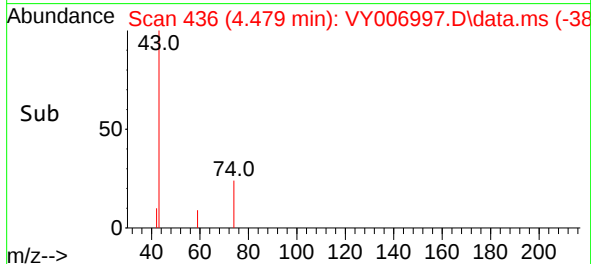
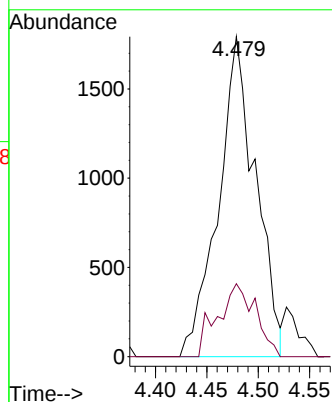
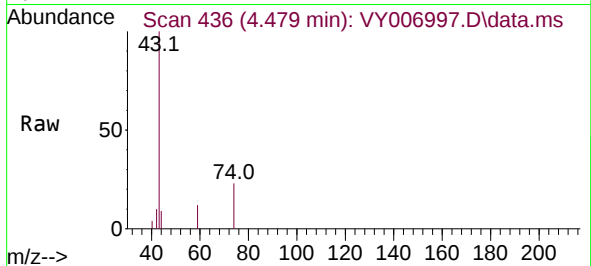




#15
Methyl Acetate
Concen: 2.721 ug/L
RT: 4.479 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

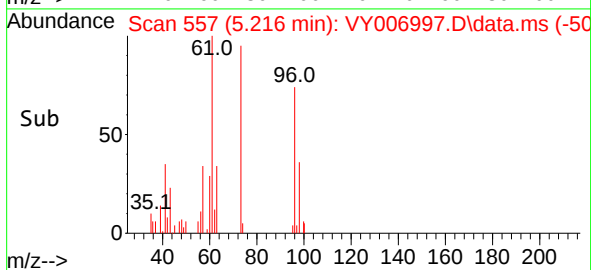
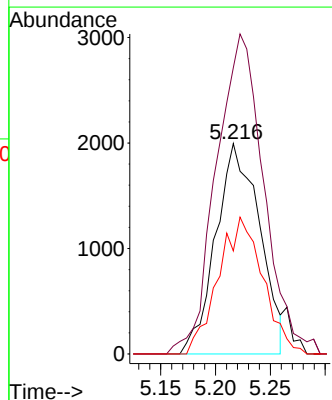
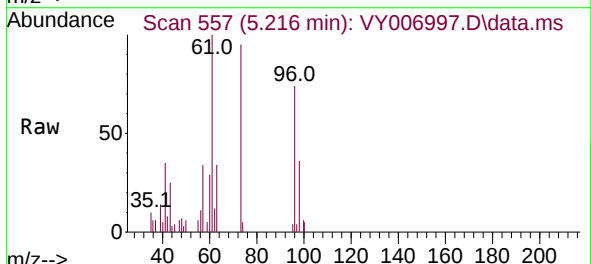
Instrument :
MSVOA_Y
ClientSampleId :

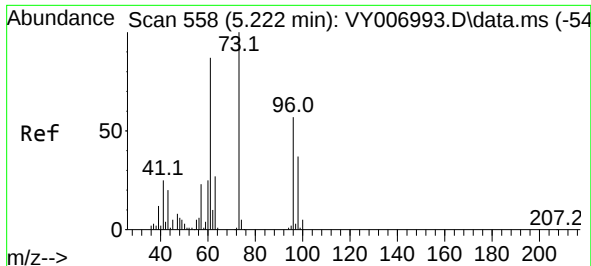
Tgt Ion: 43 Resp: 4519
Ion Ratio Lower Upper
43 100
74 5.6 5.6 8.4#



#17
trans-1,2-Dichloroethene
Concen: 2.407 ug/L
RT: 5.216 min Scan# 557
Delta R.T. -0.006 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

Tgt Ion: 96 Resp: 5540
Ion Ratio Lower Upper
96 100
61 136.0 106.5 197.9
98 49.0 44.7 82.9





#18

Methyl tert-butyl Ether

Concen: 2.652 ug/L

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

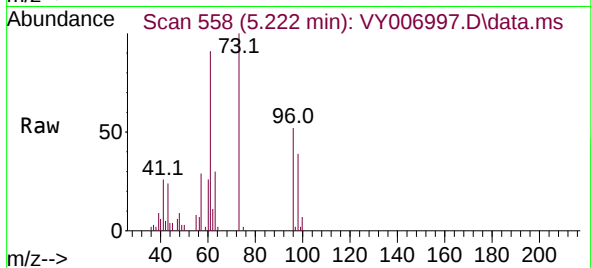
Lab File: VY006997.D

Acq: 07 Dec 2021 14:39

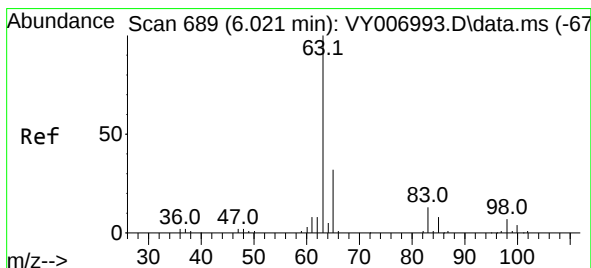
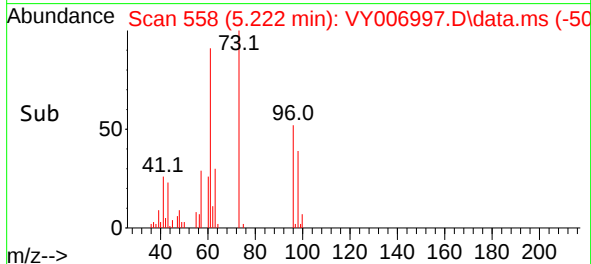
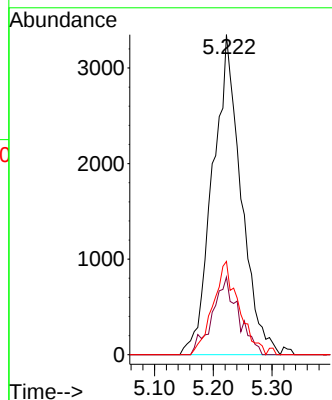
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	73	Resp:	11239
Ion	Ratio	Lower	Upper
73	100		
43	9.4	17.7	26.5#
57	25.9	19.4	29.2



#19

1,1-Dichloroethane

Concen: 2.850 ug/L

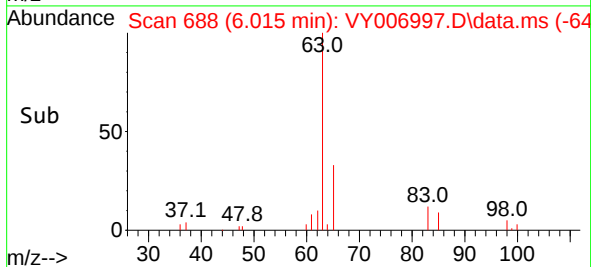
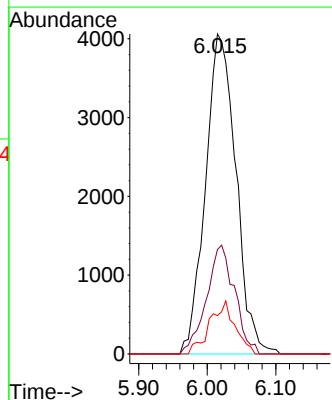
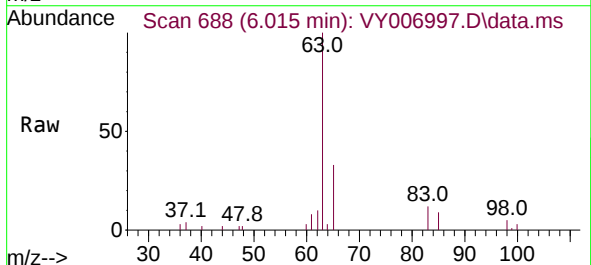
RT: 6.015 min Scan# 688

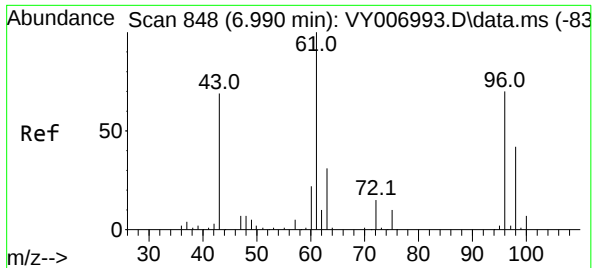
Delta R.T. -0.006 min

Lab File: VY006997.D

Acq: 07 Dec 2021 14:39

Tgt Ion:	63	Resp:	12555
Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.7	42.1
83	12.0	9.1	16.9





#20

cis-1,2-Dichloroethene

Concen: 2.591 ug/L

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY006997.D

Acq: 07 Dec 2021 14:39

Instrument :

MSVOA_Y

ClientSampleId :

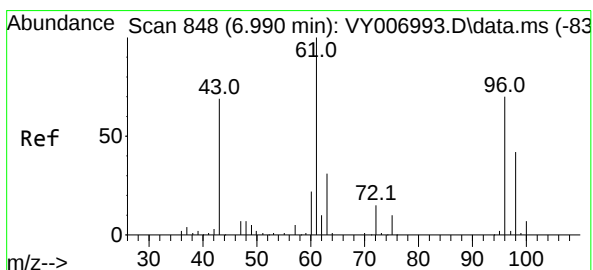
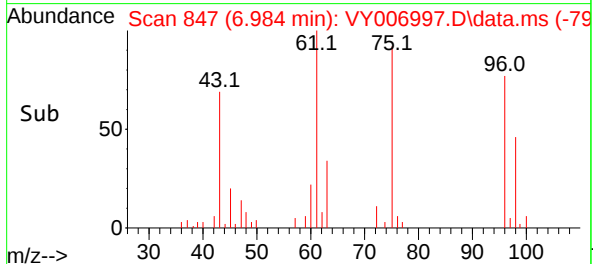
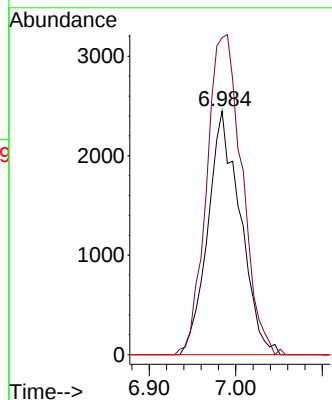
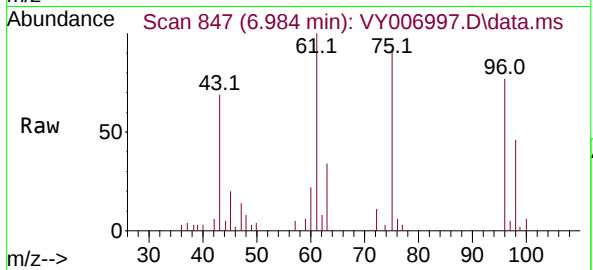
Tgt Ion: 96 Resp: 6378

Ion Ratio Lower Upper

96 100

61 130.1 100.2 186.0

68 0.0 0.0 0.0



#22

2-Butanone

Concen: 5.854 ug/L

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY006997.D

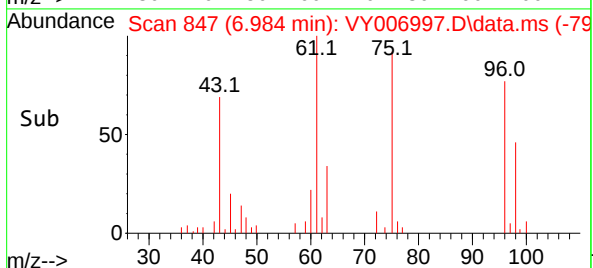
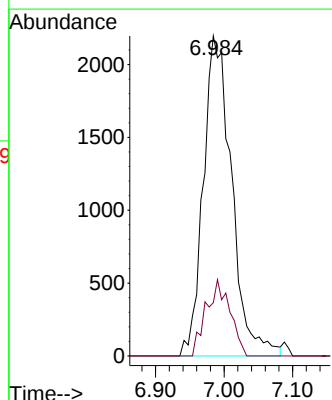
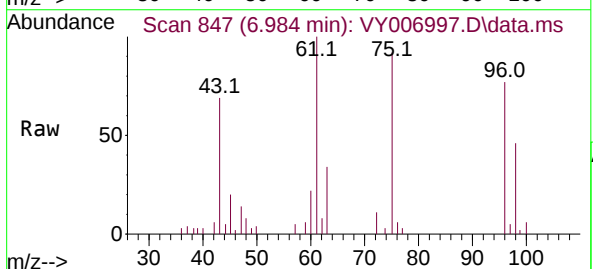
Acq: 07 Dec 2021 14:39

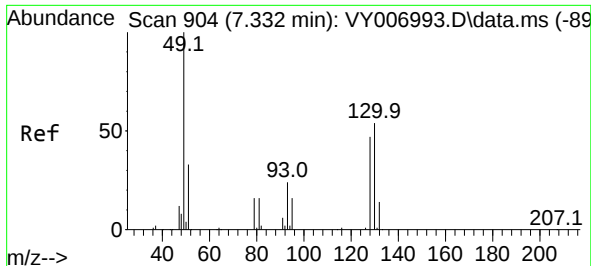
Tgt Ion: 43 Resp: 6317

Ion Ratio Lower Upper

43 100

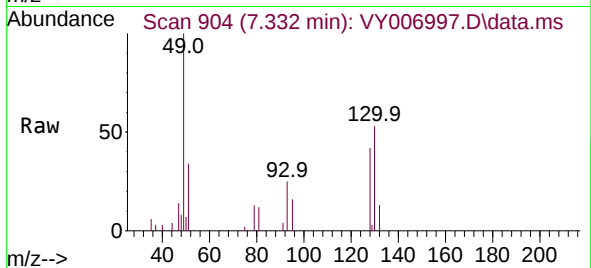
72 14.1 11.4 34.2



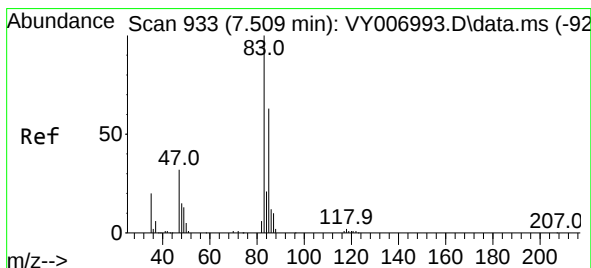
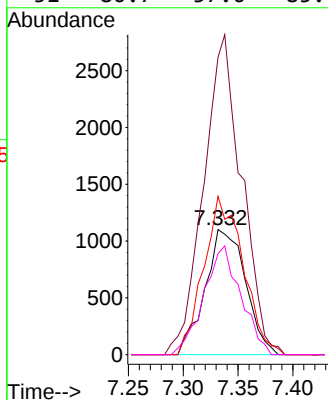
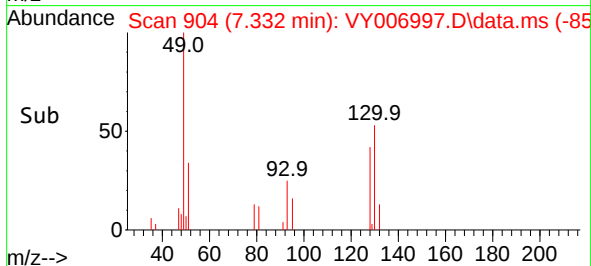


#23
Bromochloromethane
Concen: 2.518 ug/L
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

Instrument :
MSVOA_Y
ClientSampleId :

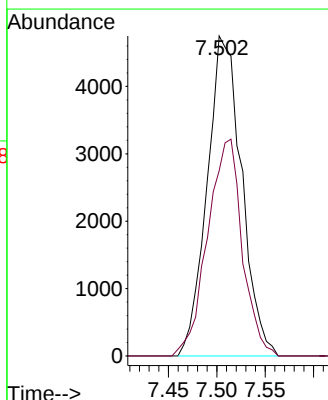
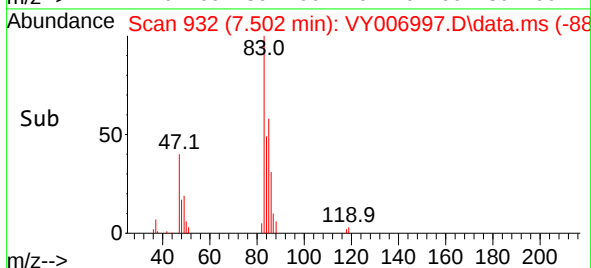
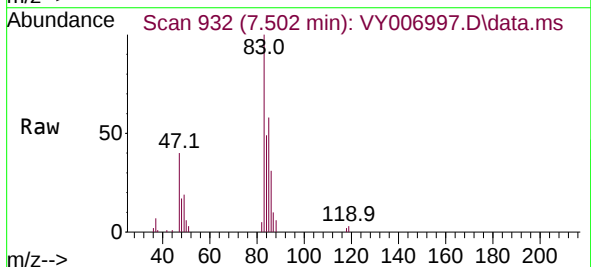


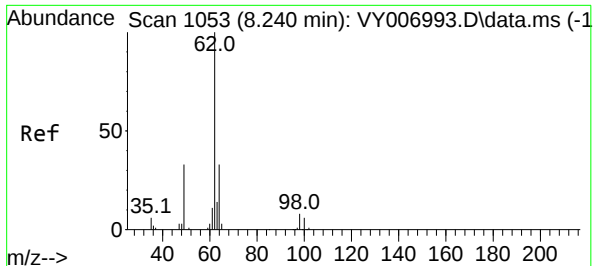
Tgt Ion:	128	Resp:	2816
Ion	Ratio	Lower	Upper
128	100		
49	237.8	150.1	278.7
130	126.5	81.1	150.5
51	80.7	57.0	85.6



#25
Chloroform
Concen: 2.684 ug/L
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

Tgt Ion:	83	Resp:	11771
Ion	Ratio	Lower	Upper
83	100		
85	57.9	43.9	81.5





#27

1,2-Dichloroethane

Concen: 2.723 ug/L

RT: 8.240 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VY006997.D

Acq: 07 Dec 2021 14:39

Instrument :

MSVOA_Y

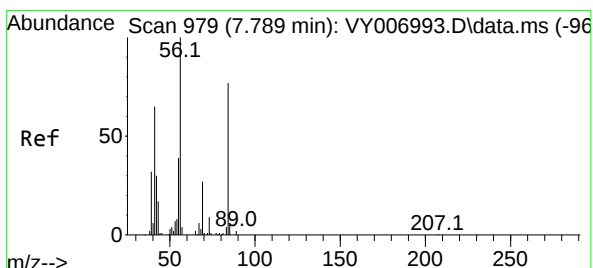
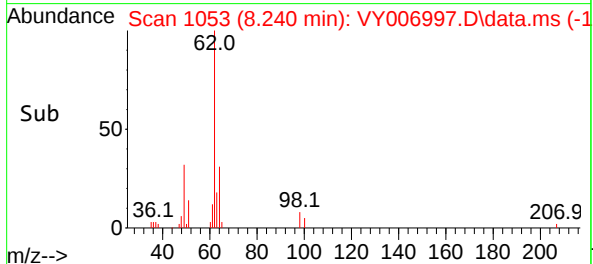
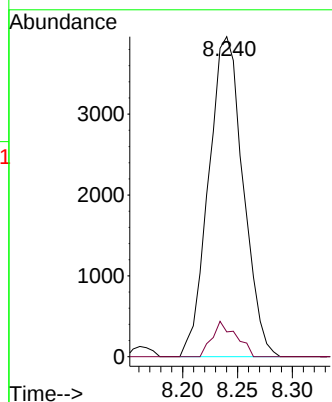
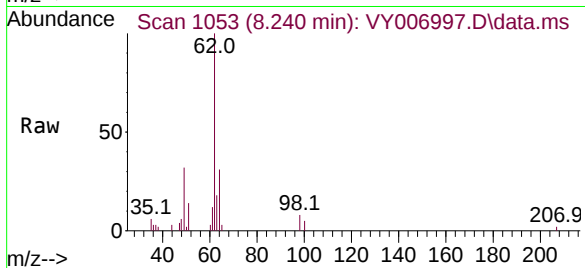
ClientSampleId :

Tgt Ion: 62 Resp: 8670

Ion Ratio Lower Upper

62 100

98 7.7 6.6 9.8



#29

Cyclohexane

Concen: 1.382 ug/L

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY006997.D

Acq: 07 Dec 2021 14:39

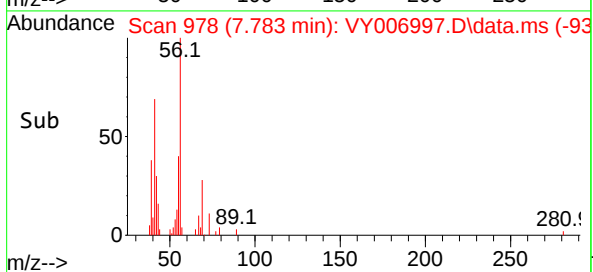
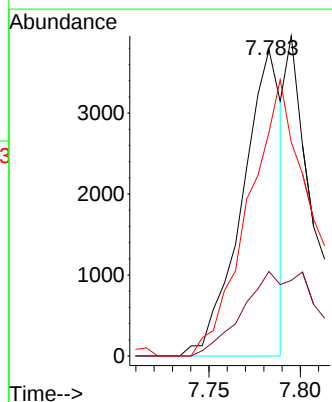
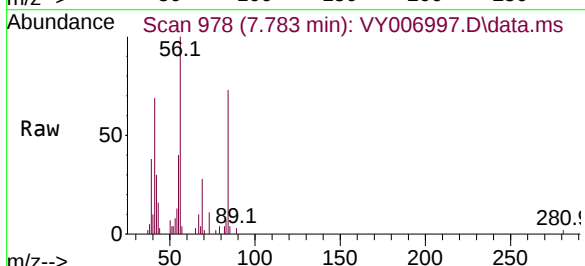
Tgt Ion: 56 Resp: 5703

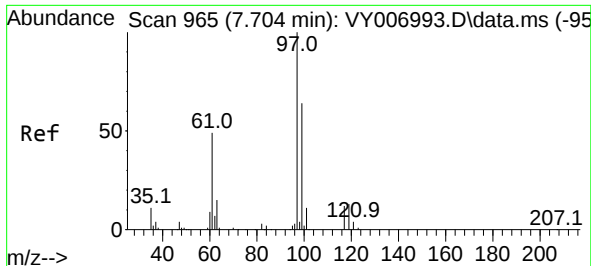
Ion Ratio Lower Upper

56 100

69 27.9 22.0 33.0

84 141.5 61.7 92.5#





#30

1,1,1-Trichloroethane

Concen: 2.665 ug/L

RT: 7.704 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY006997.D

Acq: 07 Dec 2021 14:39

Instrument :

MSVOA_Y

ClientSampleId :

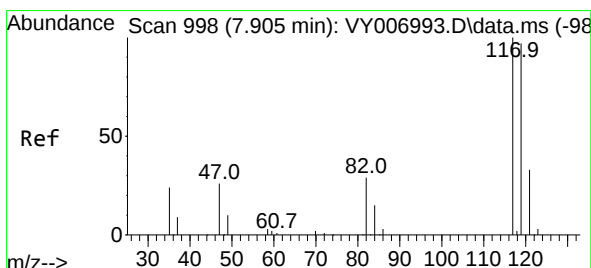
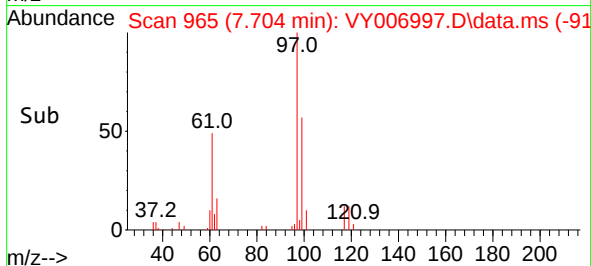
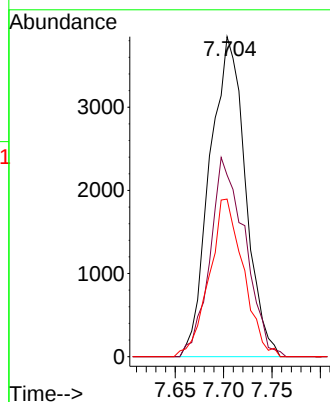
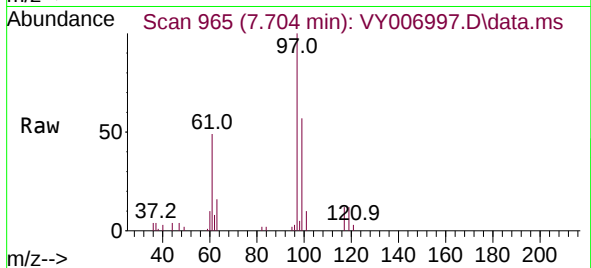
Tgt Ion: 97 Resp: 9835

Ion Ratio Lower Upper

97 100

99 61.1 50.7 76.1

61 47.2 38.5 57.7



#31

Carbon tetrachloride

Concen: 2.546 ug/L

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY006997.D

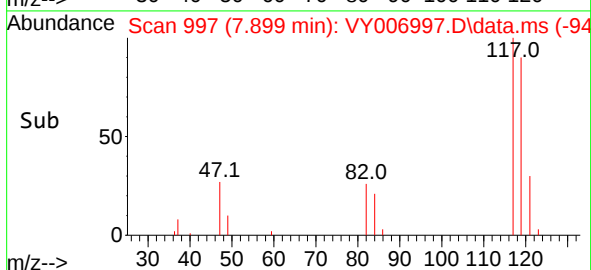
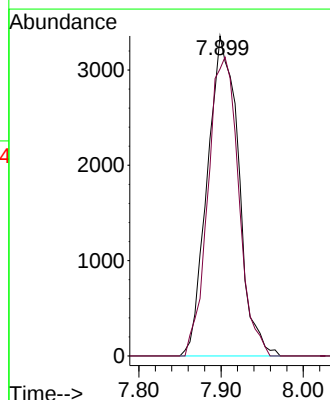
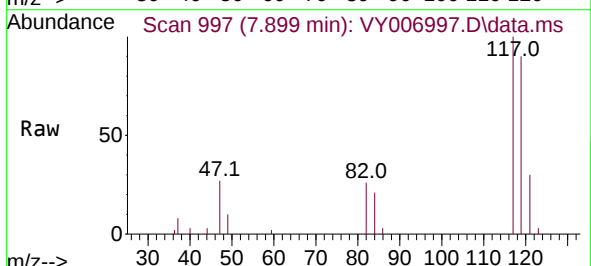
Acq: 07 Dec 2021 14:39

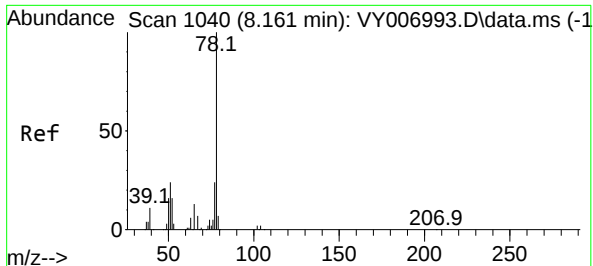
Tgt Ion: 117 Resp: 8850

Ion Ratio Lower Upper

117 100

119 91.7 76.4 114.6

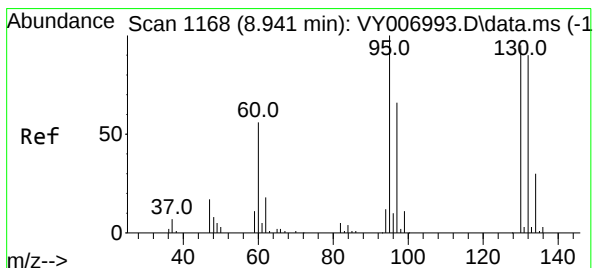
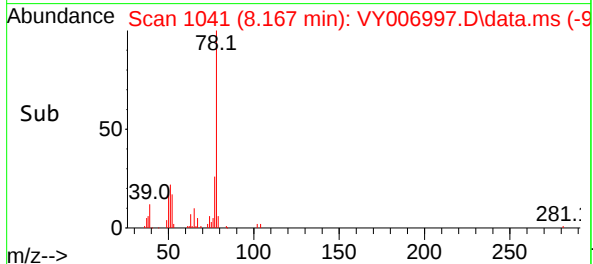
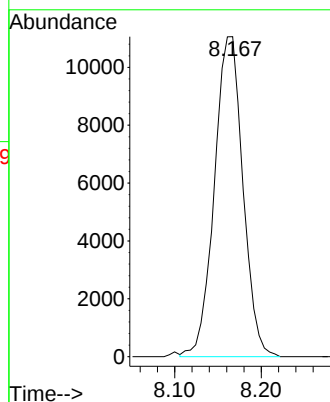
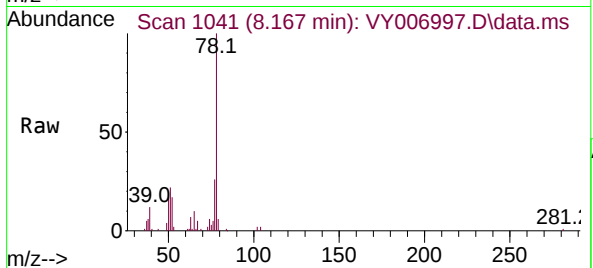




#33
Benzene
Concen: 2.570 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

Instrument :
MSVOA_Y
ClientSampleId :

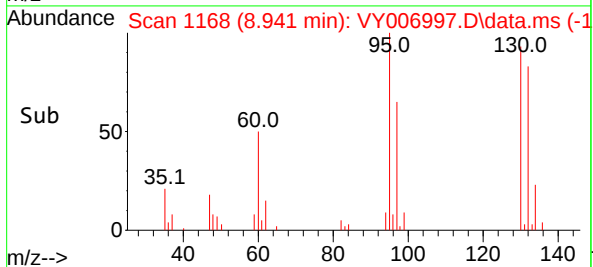
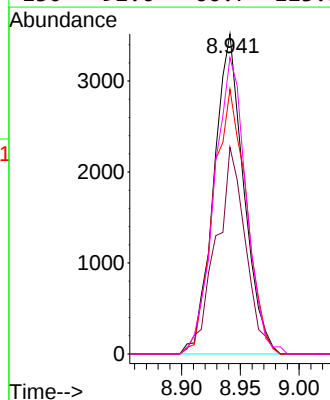
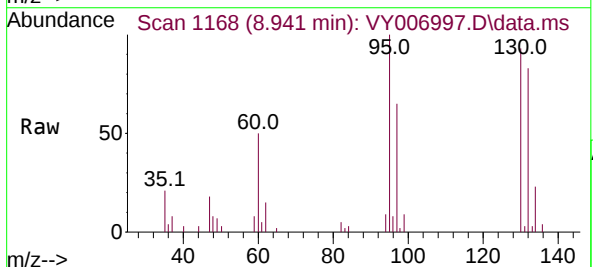
Tgt Ion: 78 Resp: 25335

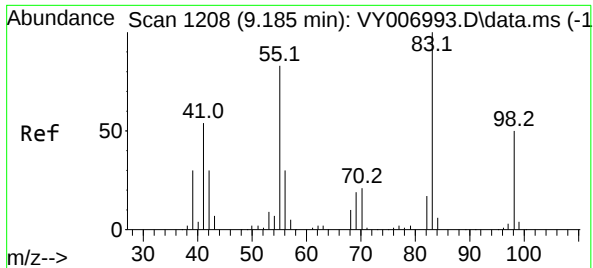


#34
Trichloroethene
Concen: 2.585 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

Tgt Ion: 95 Resp: 6229

Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.4	86.2
132	82.7	63.0	117.0
130	92.6	66.7	123.9

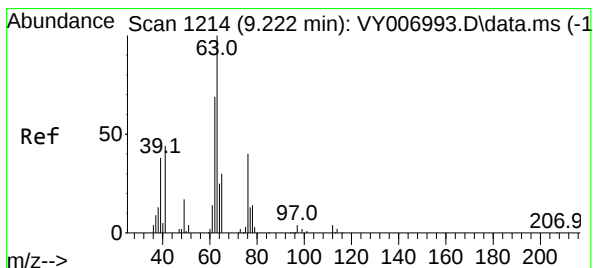
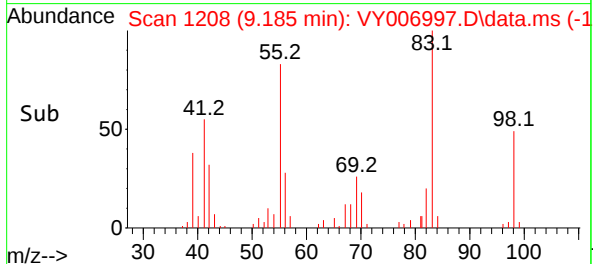
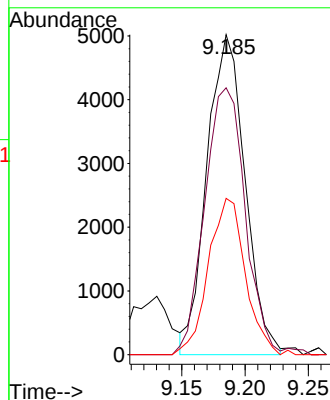
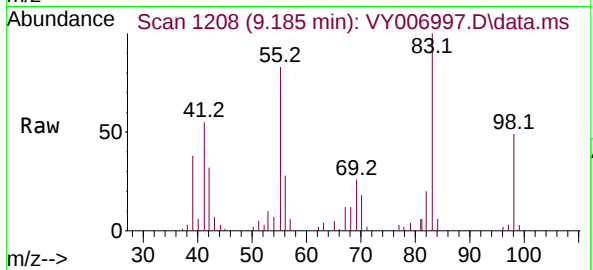




#35
Methylcyclohexane
Concen: 2.444 ug/L
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

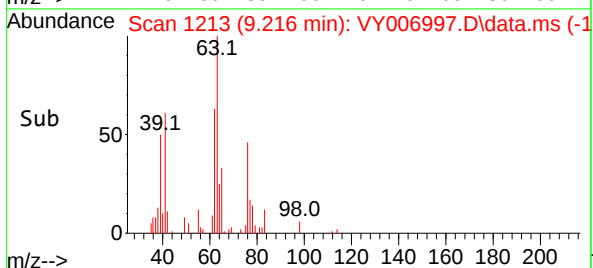
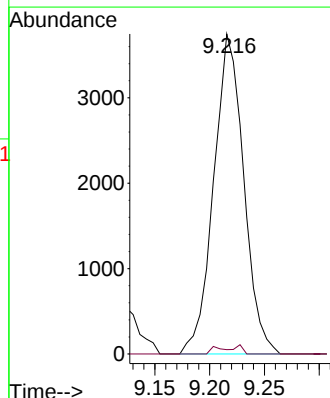
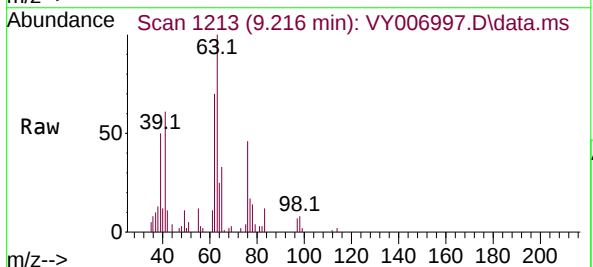
Instrument :
MSVOA_Y
ClientSampleId :

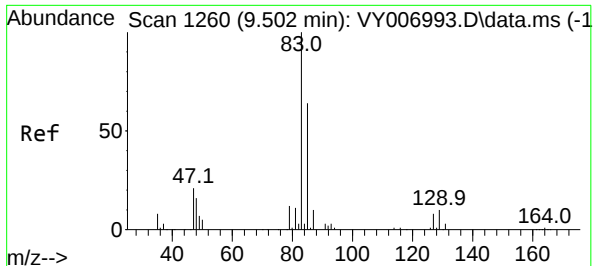
Tgt Ion: 83 Resp: 10510
Ion Ratio Lower Upper
83 100
55 88.2 68.9 103.3
98 47.1 37.8 56.8



#37
1,2-Dichloropropane
Concen: 2.761 ug/L
RT: 9.216 min Scan# 1213
Delta R.T. -0.006 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

Tgt Ion: 63 Resp: 7149
Ion Ratio Lower Upper
63 100
112 0.8 2.8 4.2#

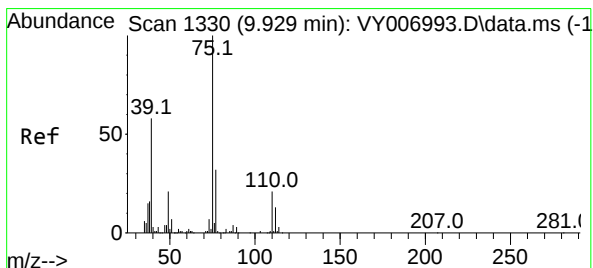
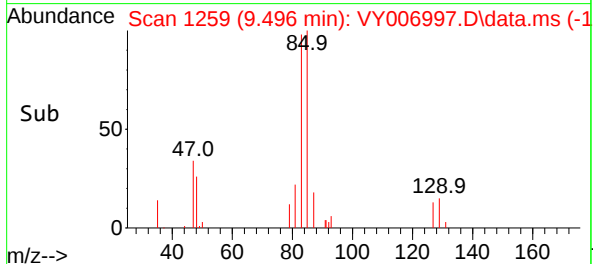
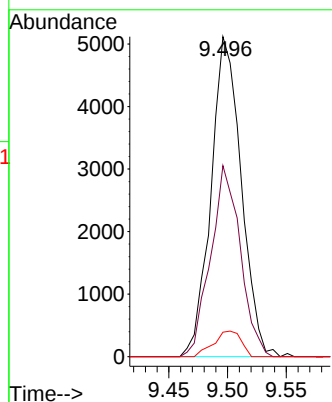
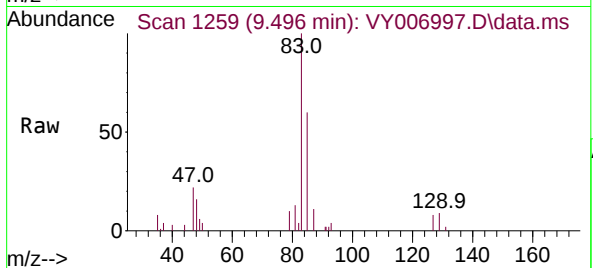




#38
Bromodichloromethane
Concen: 2.777 ug/L
RT: 9.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

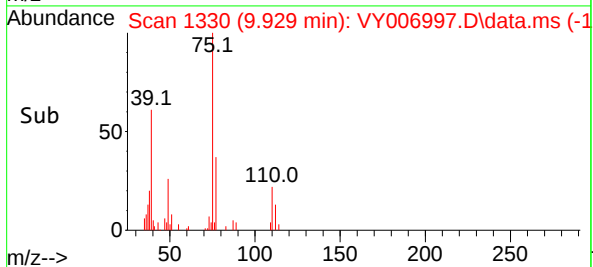
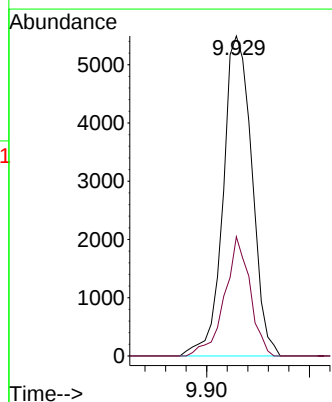
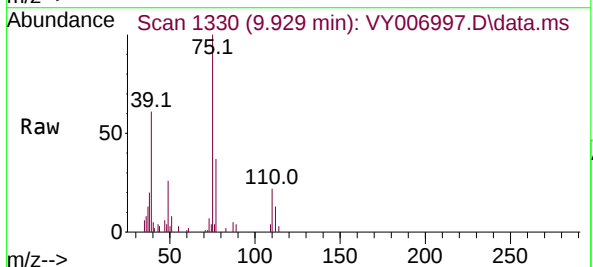
Instrument :
MSVOA_Y
ClientSampleId :

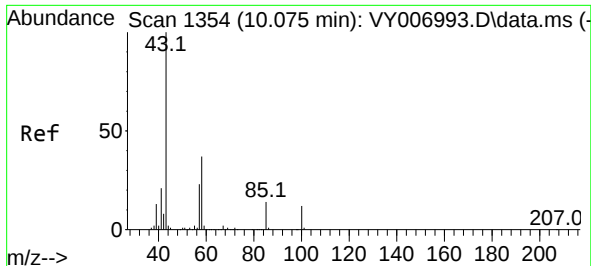
Tgt Ion: 83 Resp: 9157
Ion Ratio Lower Upper
83 100
85 59.7 44.7 82.9
127 7.7 6.3 9.5



#39
cis-1,3-Dichloropropene
Concen: 2.664 ug/L
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

Tgt Ion: 75 Resp: 10659
Ion Ratio Lower Upper
75 100
77 37.2 22.5 41.9

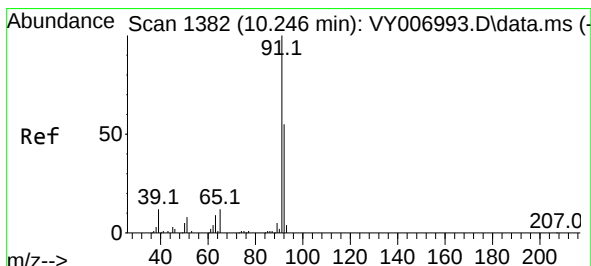
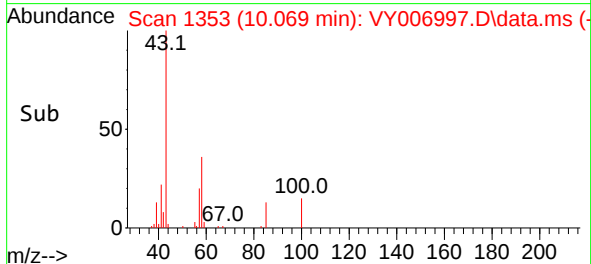
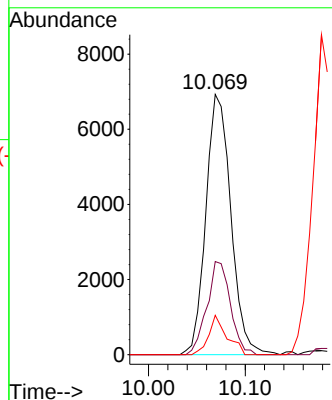
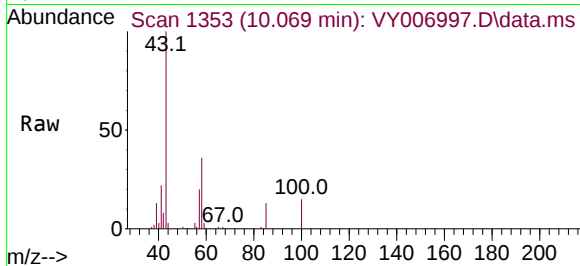




#40
4-Methyl-2-pentanone
Concen: 5.371 ug/L
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

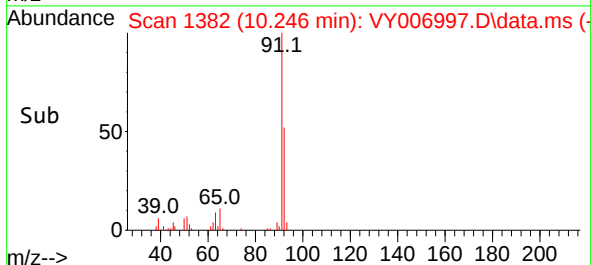
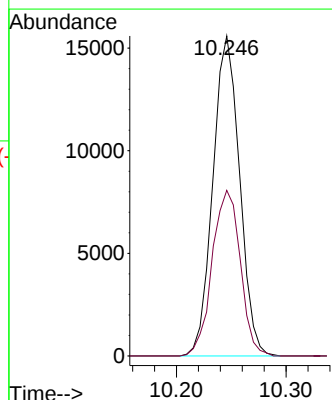
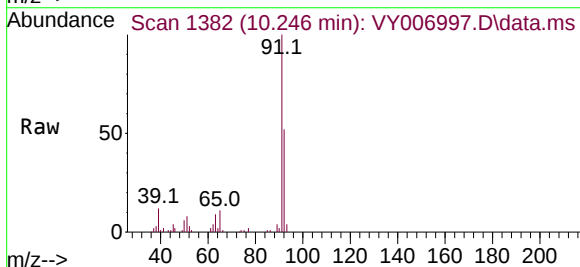
Instrument :
MSVOA_Y
ClientSampleId :

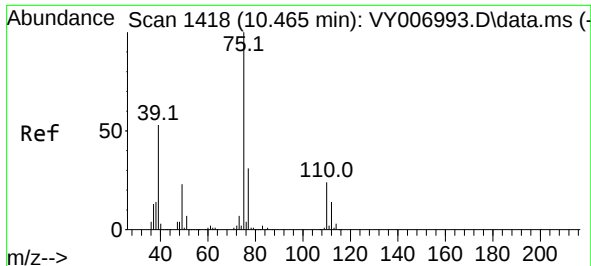
Tgt Ion: 43 Resp: 12475
Ion Ratio Lower Upper
43 100
58 33.5 28.6 42.8
100 10.9 9.2 13.8



#42
Toluene
Concen: 2.525 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

Tgt Ion: 91 Resp: 26418
Ion Ratio Lower Upper
91 100
92 51.8 38.2 71.0

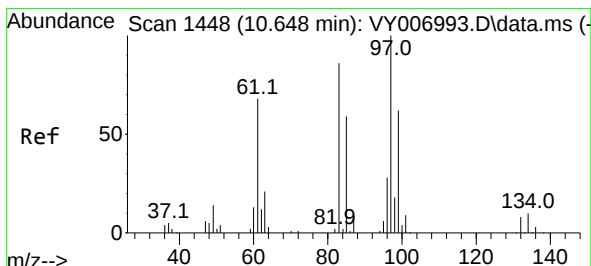
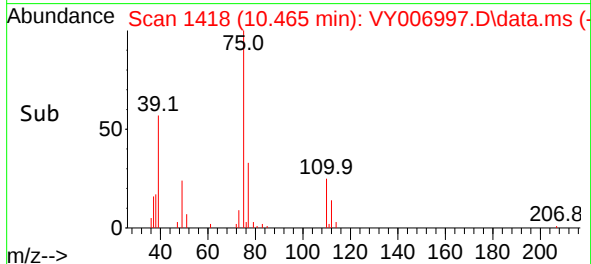
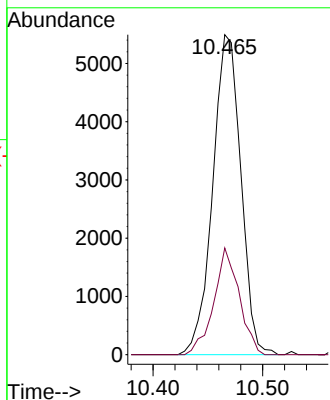
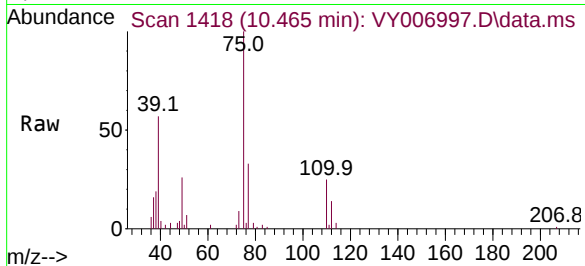




#44
trans-1,3-Dichloropropene
Concen: 2.611 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

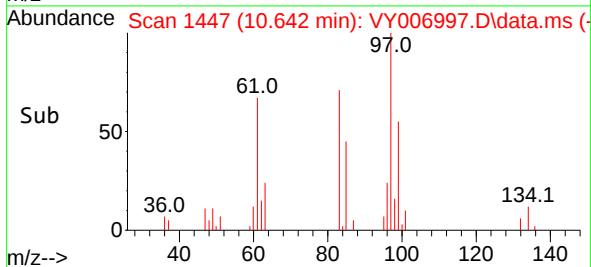
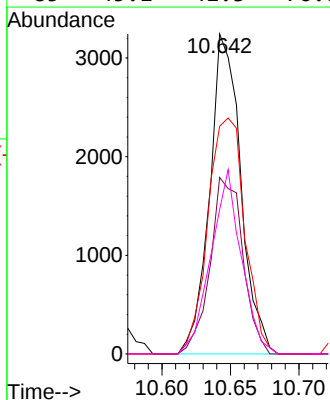
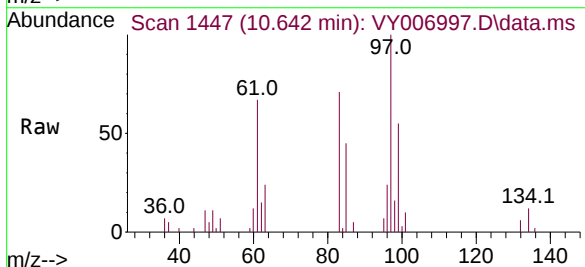
Instrument :
MSVOA_Y
ClientSampleId :

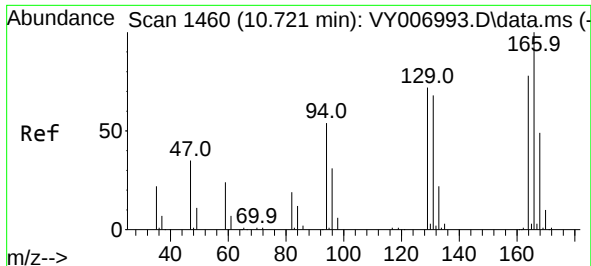
Tgt Ion: 75 Resp: 9786
Ion Ratio Lower Upper
75 100
77 33.4 21.8 40.6



#45
1,1,2-Trichloroethane
Concen: 2.716 ug/L
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

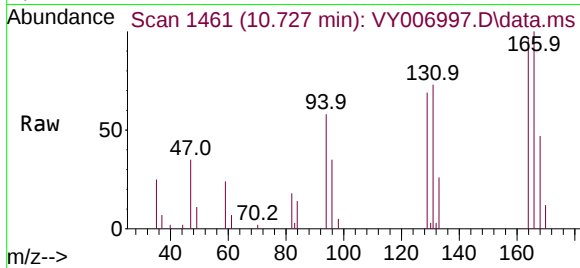
Tgt Ion: 97 Resp: 5127
Ion Ratio Lower Upper
97 100
99 55.2 43.4 80.6
83 71.1 59.8 111.1
85 45.1 41.3 76.7



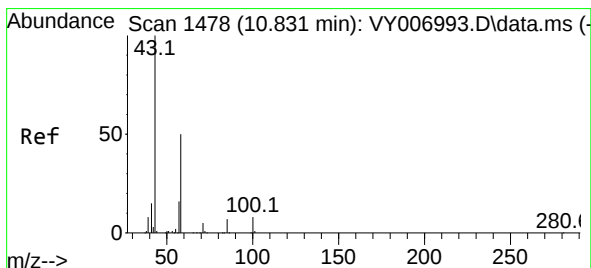
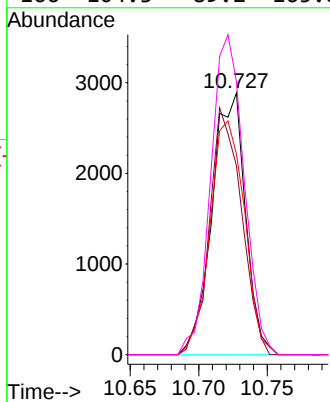
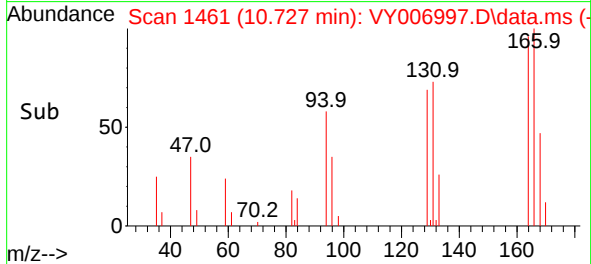


#46
Tetrachloroethene
Concen: 2.489 ug/L
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

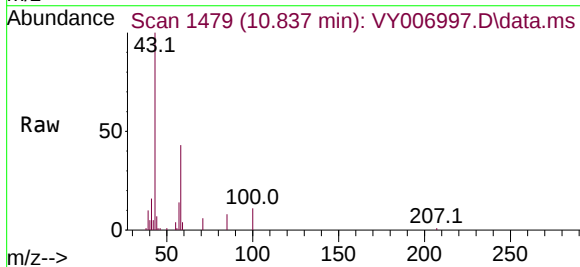
Instrument :
MSVOA_Y
ClientSampleId :



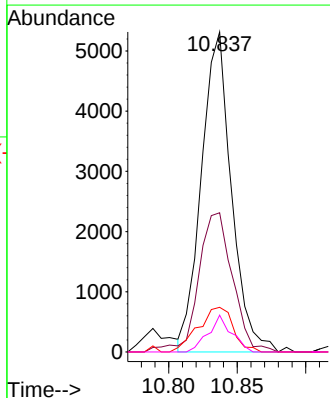
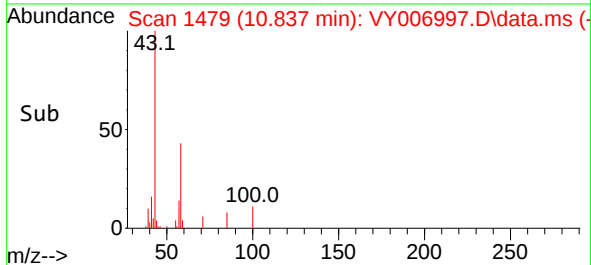
Tgt Ion:164 Resp: 4890
Ion Ratio Lower Upper
164 100
129 72.2 64.0 118.8
131 76.7 60.5 112.5
166 104.3 89.2 165.8

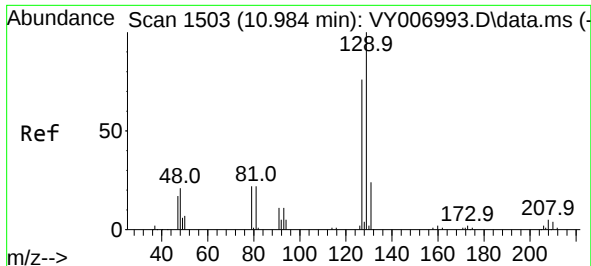


#48
2-Hexanone
Concen: 5.212 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39



Tgt Ion: 43 Resp: 8115
Ion Ratio Lower Upper
43 100
58 46.8 40.1 60.1
57 16.3 13.0 19.6
100 8.9 6.9 10.3





#49

Dibromochloromethane

Concen: 2.493 ug/L

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY006997.D

Acq: 07 Dec 2021 14:39

Instrument :

MSVOA_Y

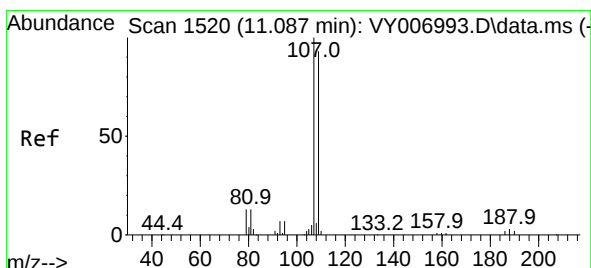
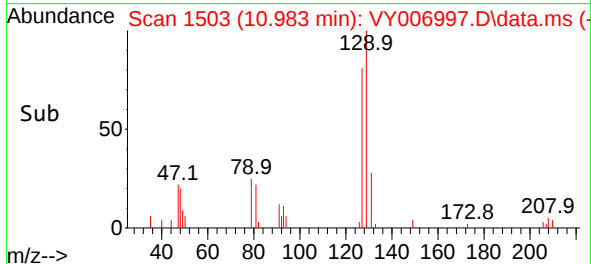
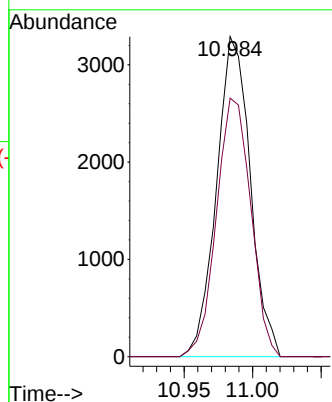
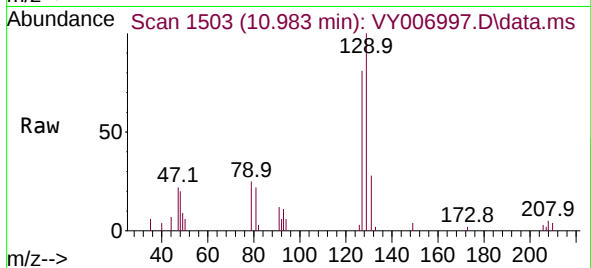
ClientSampleId :

Tgt Ion:129 Resp: 5641

Ion Ratio Lower Upper

129 100

127 80.8 52.8 98.2



#50

1,2-Dibromoethane

Concen: 2.736 ug/L

RT: 11.093 min Scan# 1521

Delta R.T. 0.006 min

Lab File: VY006997.D

Acq: 07 Dec 2021 14:39

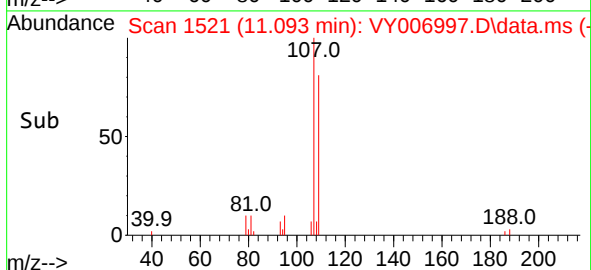
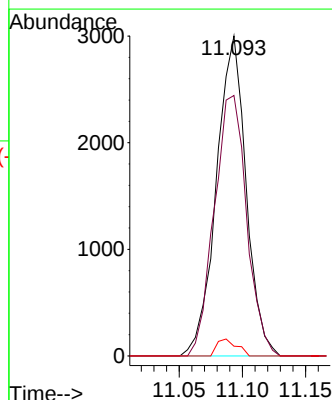
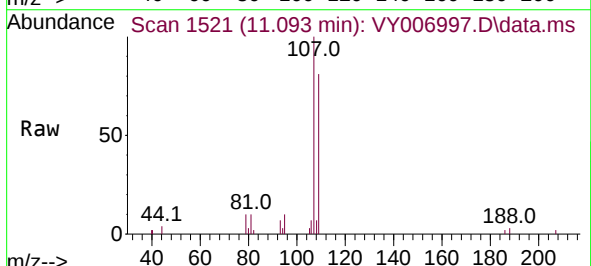
Tgt Ion:107 Resp: 4899

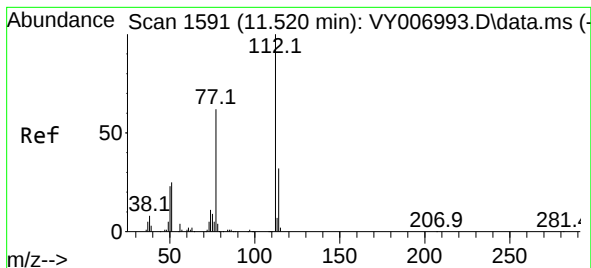
Ion Ratio Lower Upper

107 100

109 81.4 65.5 121.7

188 3.1 2.6 3.8

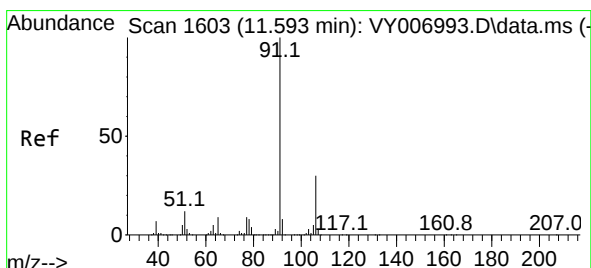
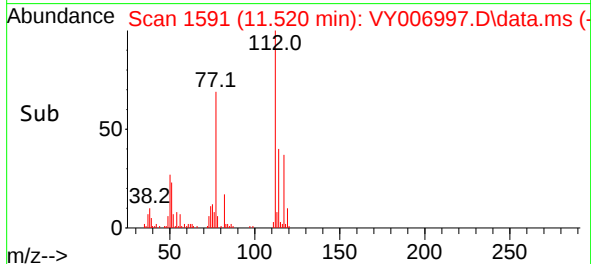
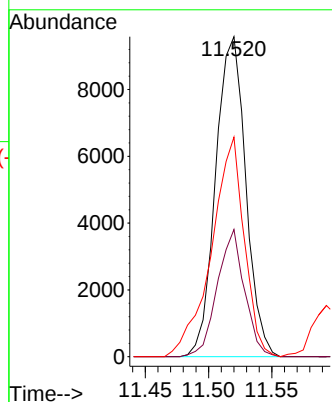
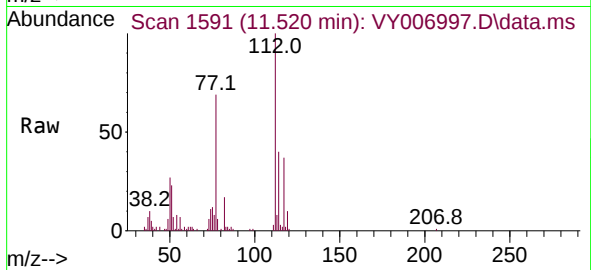




#51
Chlorobenzene
Concen: 2.508 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

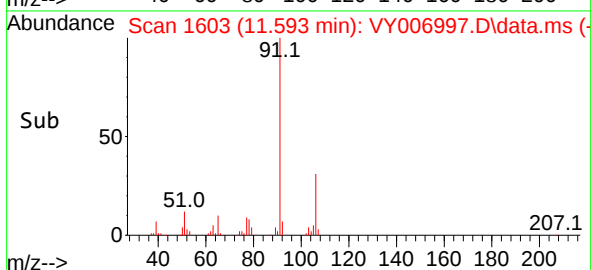
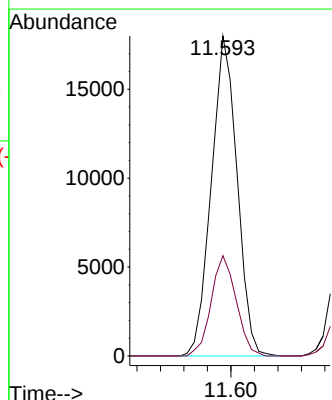
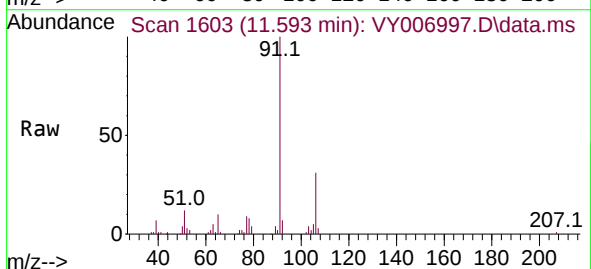
Instrument :
MSVOA_Y
ClientSampleId :

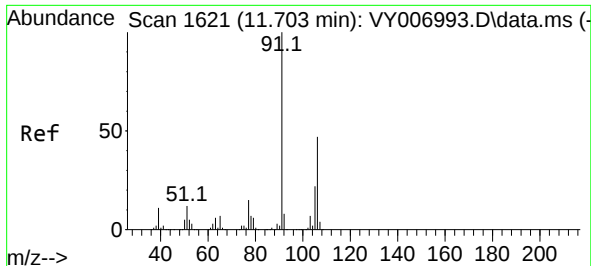
Tgt Ion:112 Resp: 15863
Ion Ratio Lower Upper
112 100
114 39.8 22.3 41.3
77 68.6 49.8 74.8



#52
Ethylbenzene
Concen: 2.440 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

Tgt Ion: 91 Resp: 27370
Ion Ratio Lower Upper
91 100
106 31.4 21.3 39.6

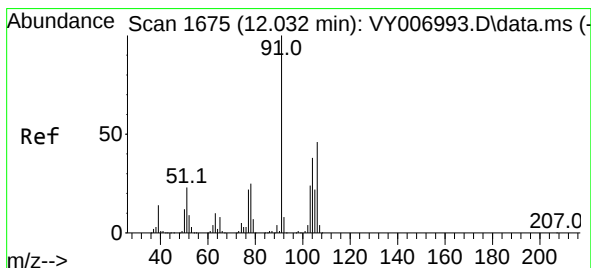
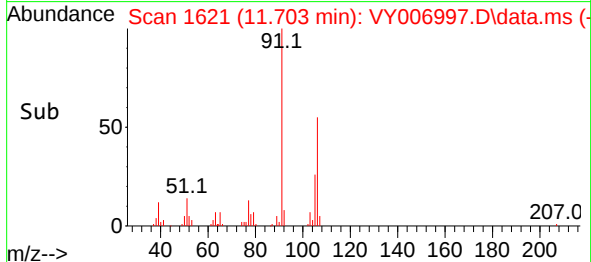
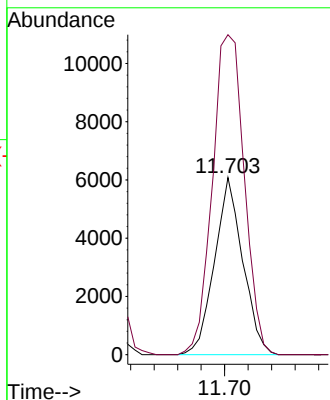
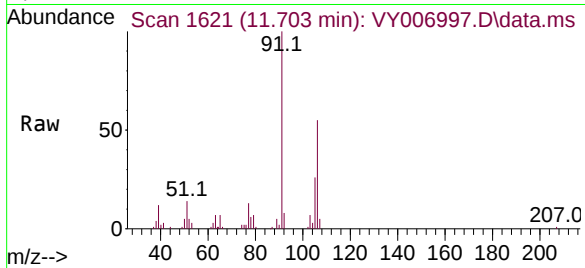




#53
m,p-Xylene
Concen: 2.398 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

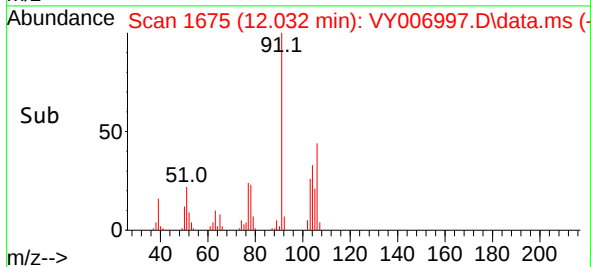
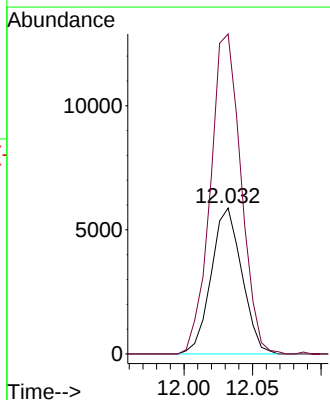
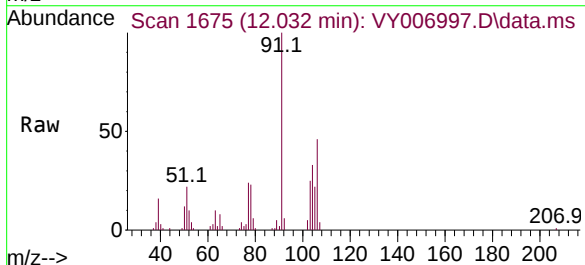
Instrument :
MSVOA_Y
ClientSampleId :

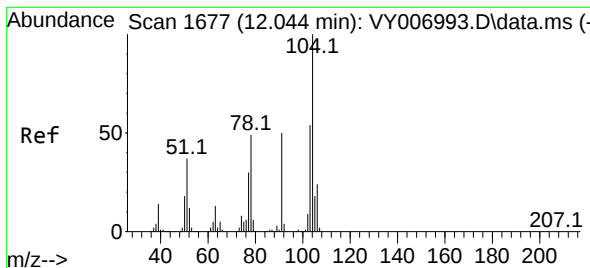
Tgt Ion:106 Resp: 10167
Ion Ratio Lower Upper
106 100
91 180.7 148.8 276.4



#54
o-Xylene
Concen: 2.297 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

Tgt Ion:106 Resp: 9164
Ion Ratio Lower Upper
106 100
91 219.2 152.0 282.2





#55

Styrene

Concen: 2.288 ug/L

RT: 12.044 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006997.D

Acq: 07 Dec 2021 14:39

Instrument :

MSVOA_Y

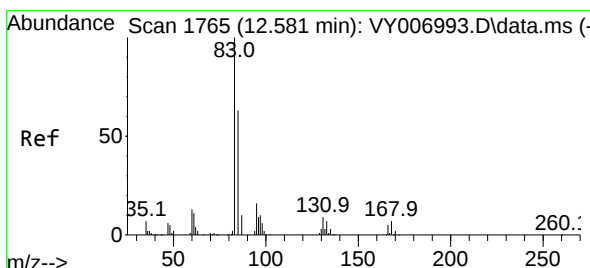
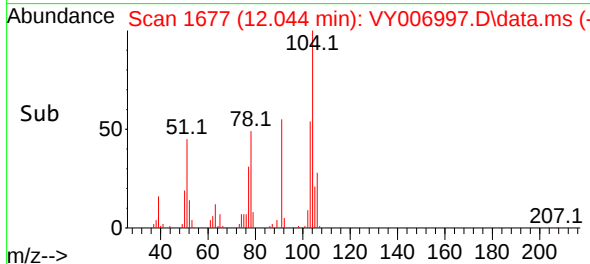
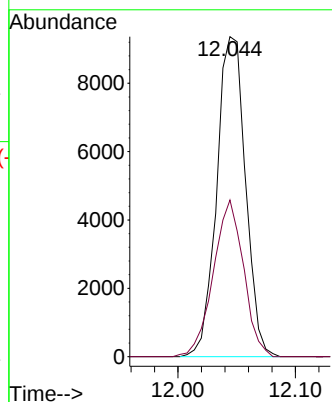
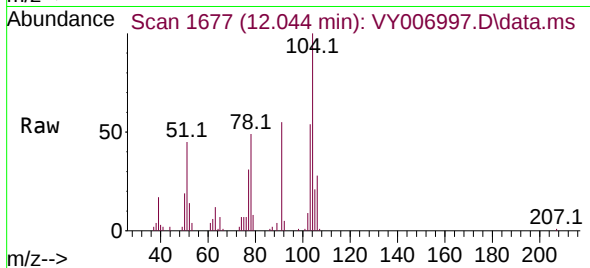
ClientSampleId :

Tgt Ion:104 Resp: 15952

Ion Ratio Lower Upper

104 100

78 49.0 34.2 63.6



#57

1,1,2,2-Tetrachloroethane

Concen: 2.871 ug/L

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY006997.D

Acq: 07 Dec 2021 14:39

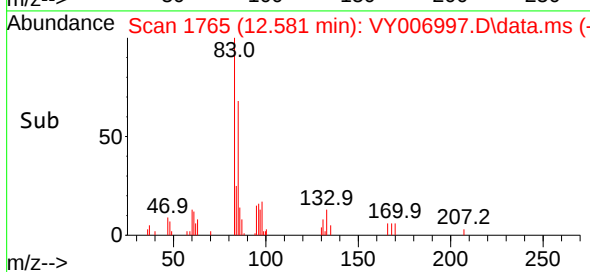
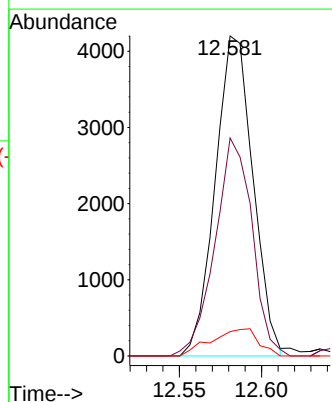
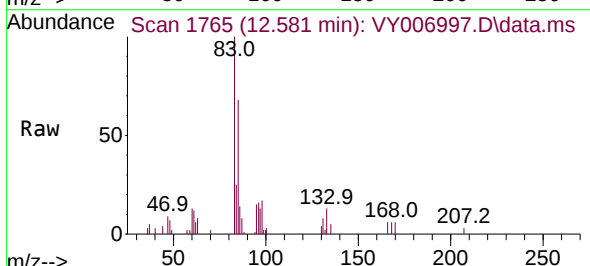
Tgt Ion: 83 Resp: 6708

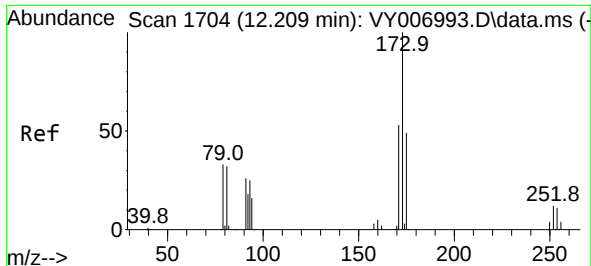
Ion Ratio Lower Upper

83 100

85 68.1 44.2 82.2

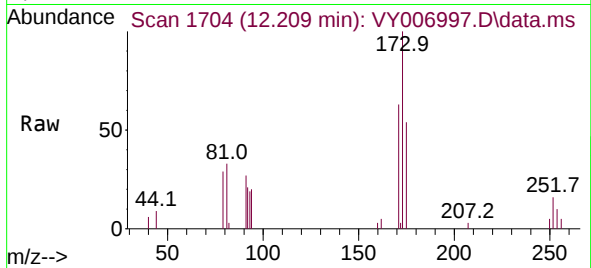
131 7.6 7.4 11.0



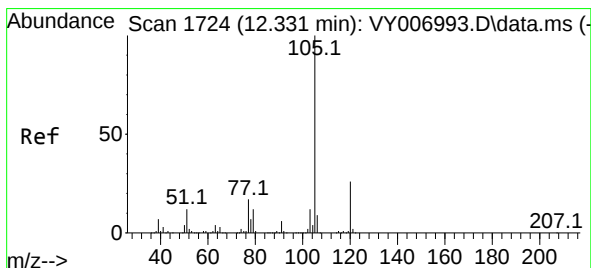
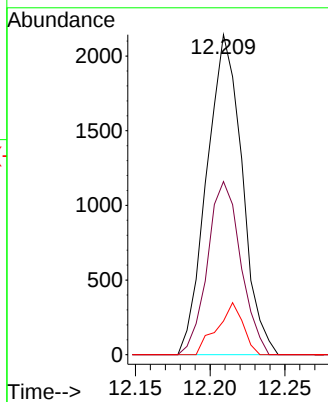
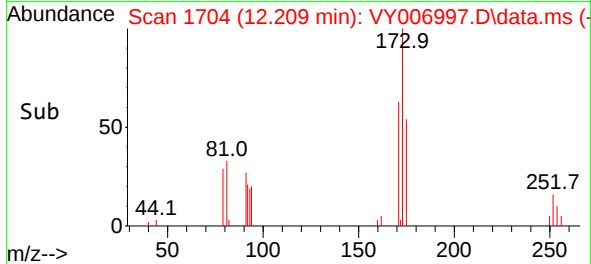


#59
Bromoform
Concen: 2.588 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

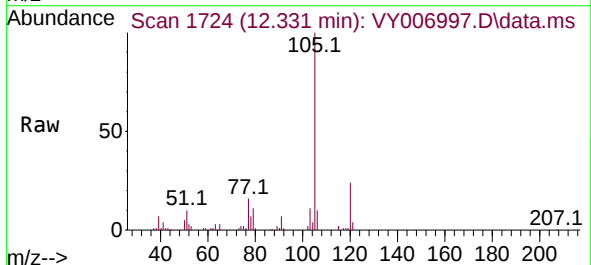
Instrument :
MSVOA_Y
ClientSampleId :



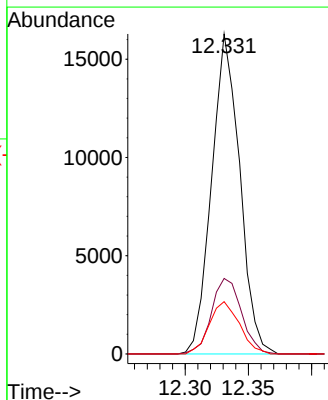
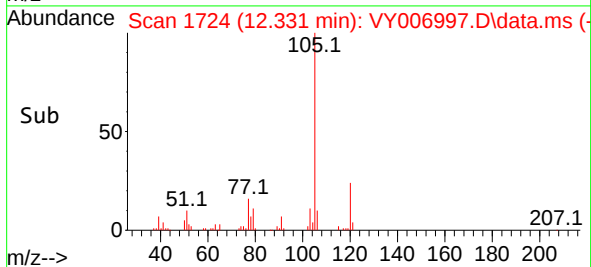
Tgt Ion:173 Resp: 3519
Ion Ratio Lower Upper
173 100
175 51.0 39.2 58.8
254 11.9 9.3 13.9

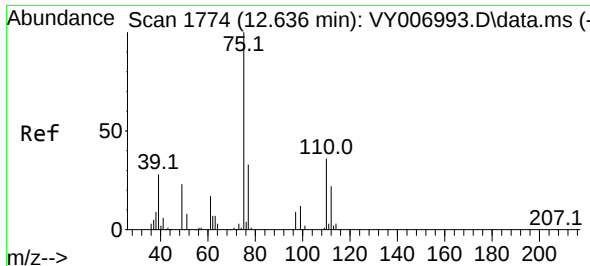


#60
Isopropylbenzene
Concen: 2.566 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39



Tgt Ion:105 Resp: 25118
Ion Ratio Lower Upper
105 100
120 25.2 20.7 31.1
77 17.6 13.5 20.3

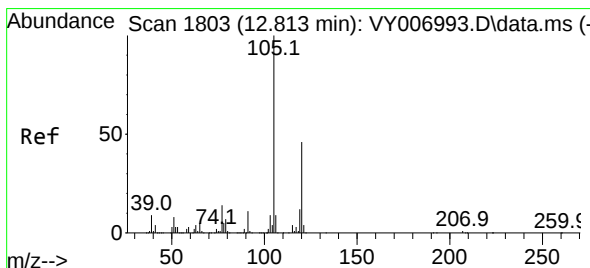
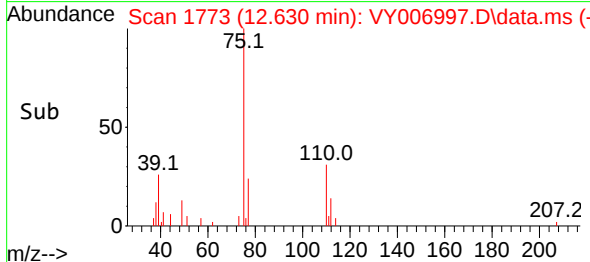
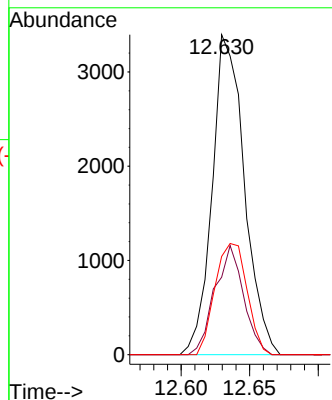
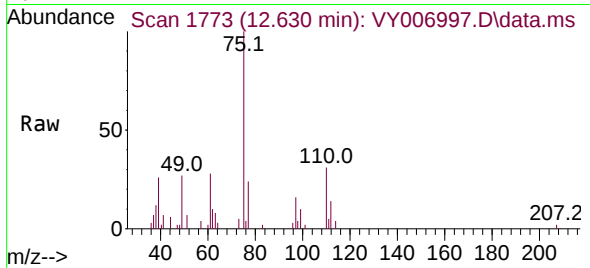




#61
1,2,3-Trichloropropane
Concen: 3.285 ug/L
RT: 12.630 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

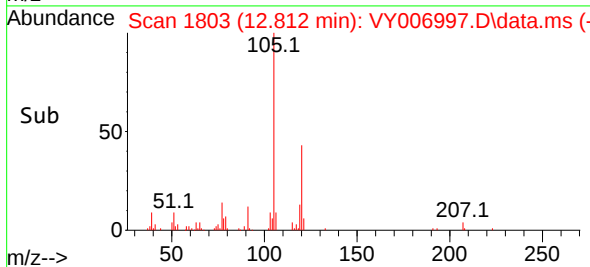
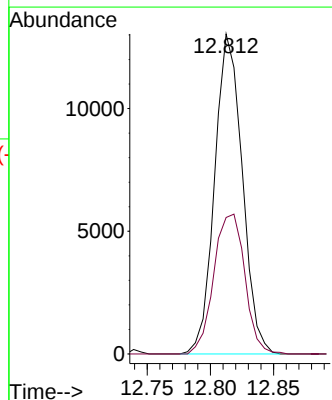
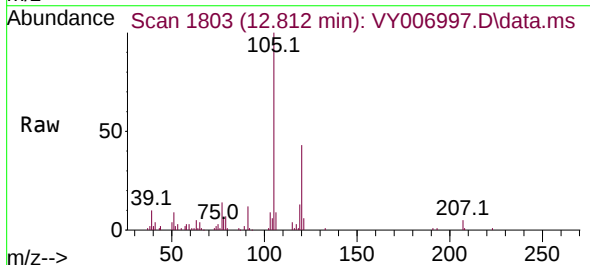
Instrument :
MSVOA_Y
ClientSampleId :

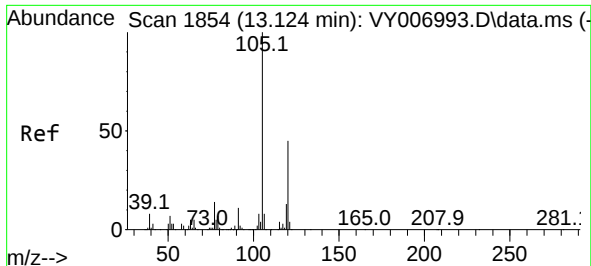
Tgt Ion: 75 Resp: 5545
Ion Ratio Lower Upper
75 100
77 30.5 25.3 37.9
110 34.7 28.7 43.1



#62
1,3,5-Trimethylbenzene
Concen: 2.463 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

Tgt Ion: 105 Resp: 19784
Ion Ratio Lower Upper
105 100
120 49.1 37.4 56.0

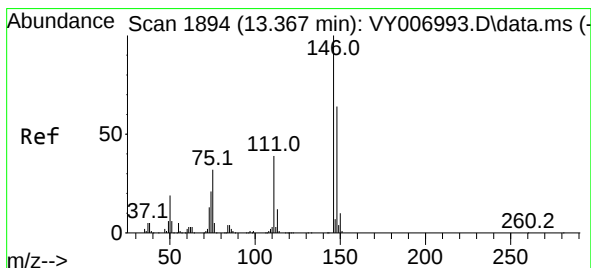
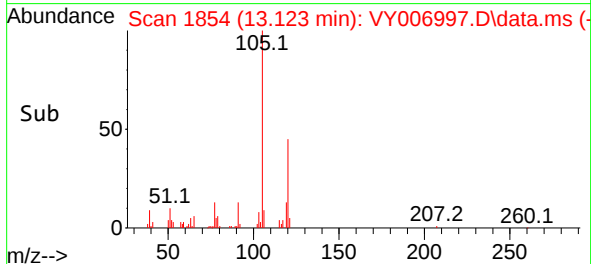
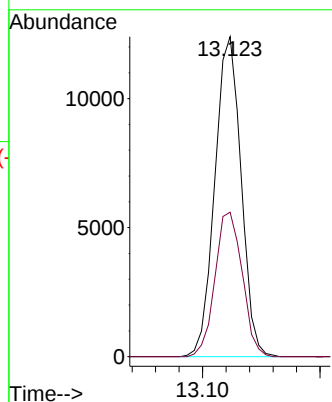
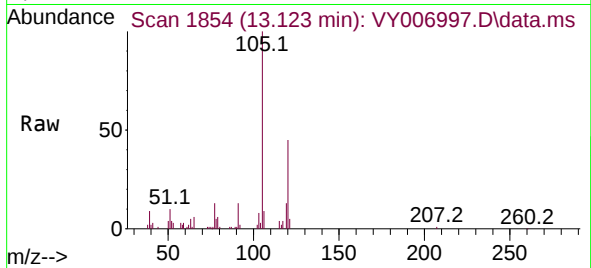




#63
1,2,4-Trimethylbenzene
Concen: 2.379 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

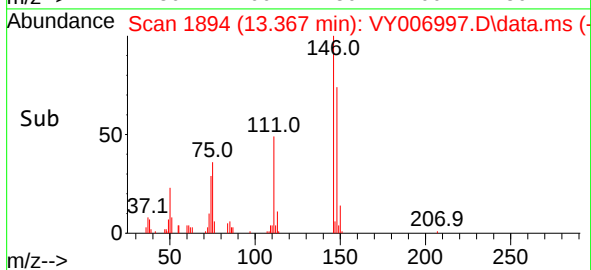
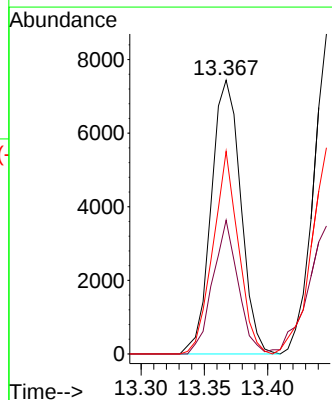
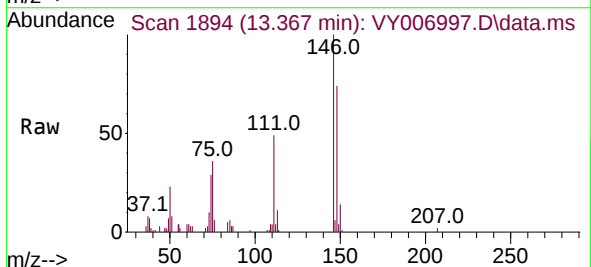
Instrument :
MSVOA_Y
ClientSampleId :

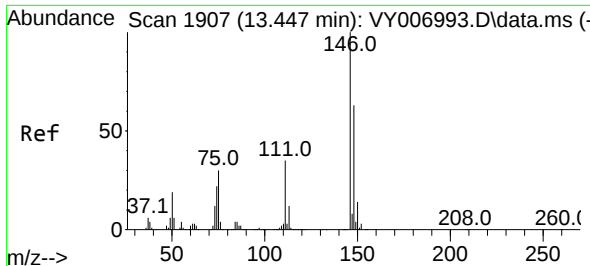
Tgt Ion:105 Resp: 19223
Ion Ratio Lower Upper
105 100
120 46.8 35.4 53.2



#64
1,3-Dichlorobenzene
Concen: 2.640 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

Tgt Ion:146 Resp: 12084
Ion Ratio Lower Upper
146 100
111 48.9 27.2 50.6
148 74.0 45.1 83.7

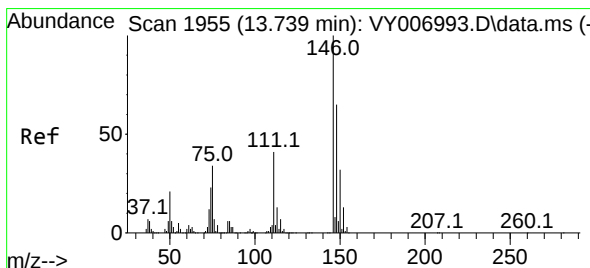
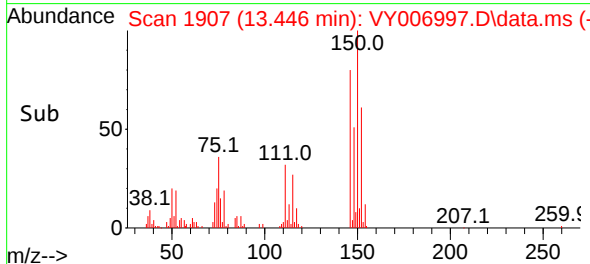
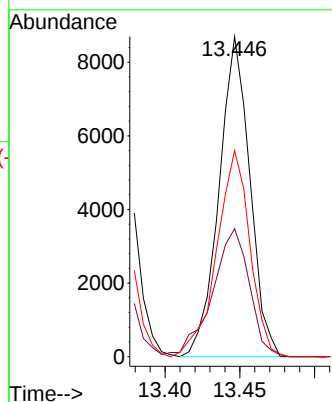
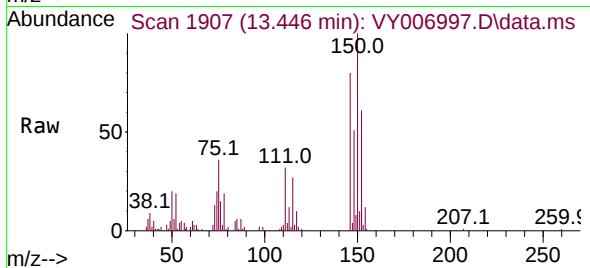




#65
 1,4-Dichlorobenzene
 Concen: 2.672 ug/L
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY006997.D
 Acq: 07 Dec 2021 14:39

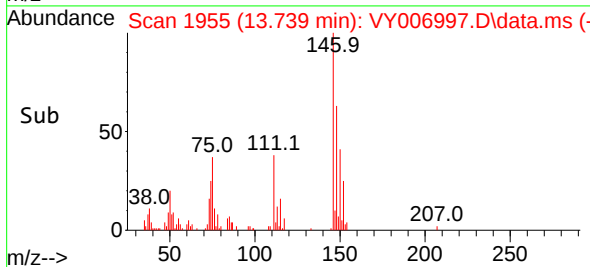
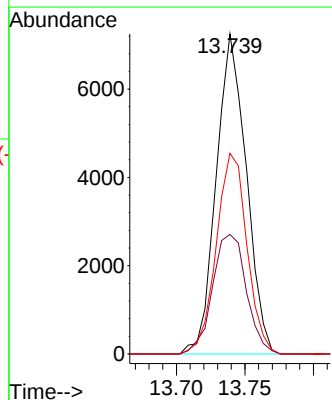
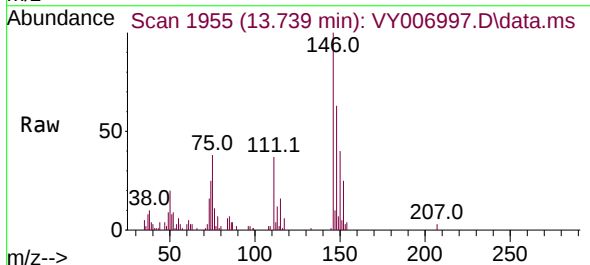
Instrument :
 MSVOA_Y
 ClientSampleId :

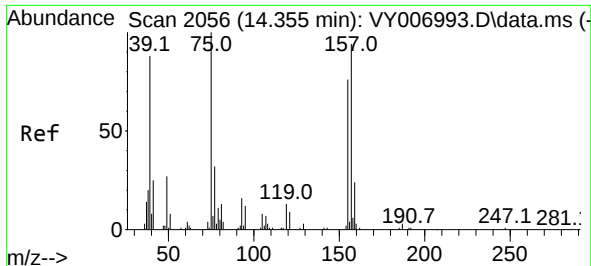
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	24.6	45.6
148	64.4	44.4	82.4



#67
 1,2-Dichlorobenzene
 Concen: 2.709 ug/L
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY006997.D
 Acq: 07 Dec 2021 14:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	32.8	49.2
148	62.7	51.7	77.5

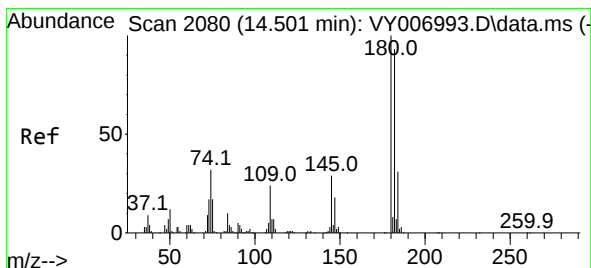
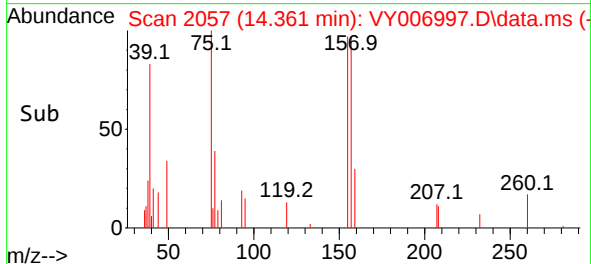
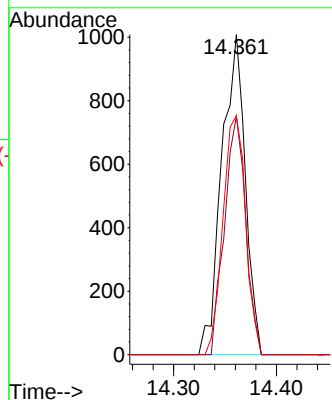
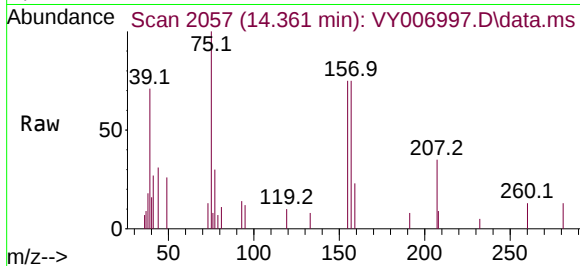




#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.262 ug/L
 RT: 14.361 min Scan# 2056
 Delta R.T. 0.006 min
 Lab File: VY006997.D
 Acq: 07 Dec 2021 14:39

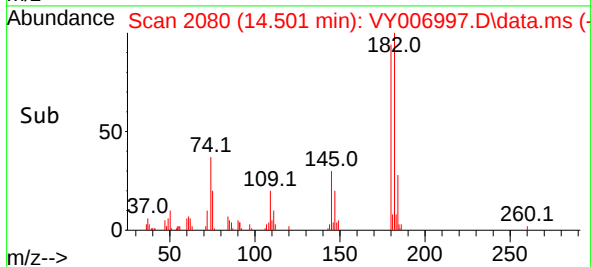
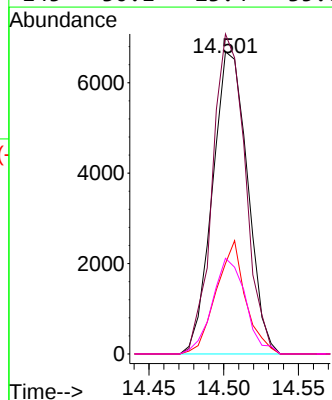
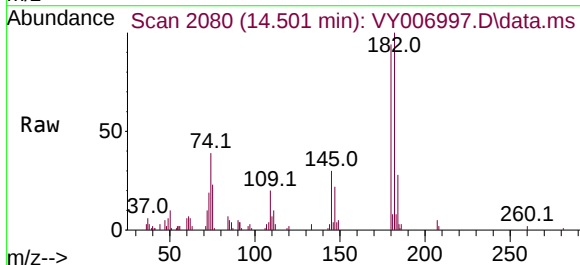
Instrument :
 MSVOA_Y
 ClientSampleId :

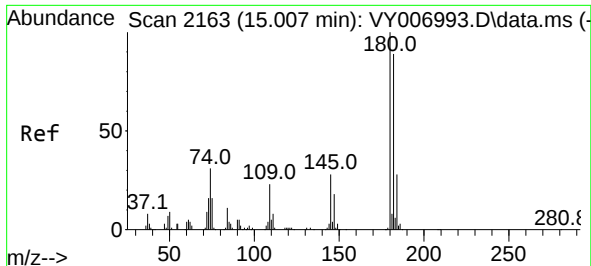
Tgt Ion: 75 Resp: 1600
 Ion Ratio Lower Upper
 75 100
 155 74.5 61.0 91.6
 157 74.6 75.4 113.2#



#69
 1,3,5-Trichlorobenzene
 Concen: 3.564 ug/L
 RT: 14.501 min Scan# 2080
 Delta R.T. -0.000 min
 Lab File: VY006997.D
 Acq: 07 Dec 2021 14:39

Tgt Ion:180 Resp: 10885
 Ion Ratio Lower Upper
 180 100
 182 99.1 75.5 113.3
 184 31.4 24.1 36.1
 145 30.1 23.4 35.0

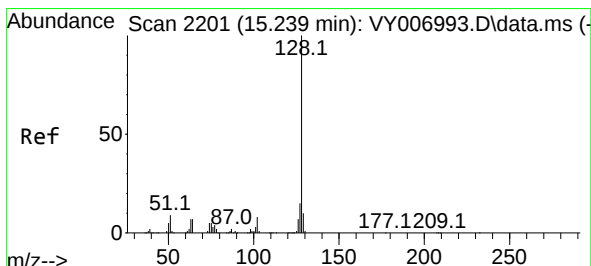
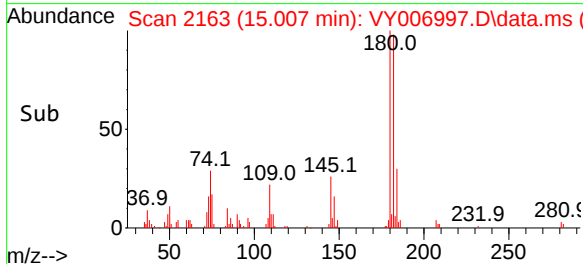
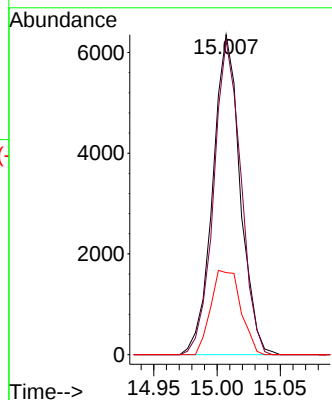
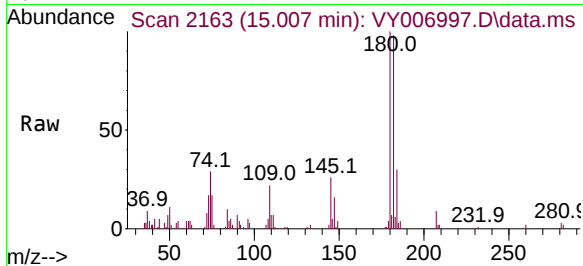




#70
1,2,4-trichlorobenzene
Concen: 3.816 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

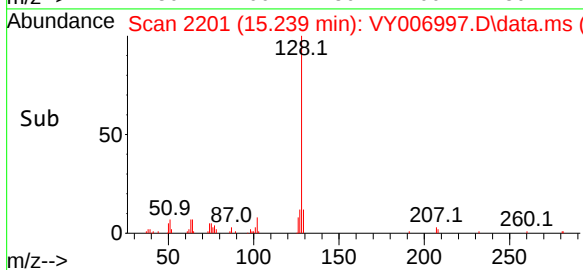
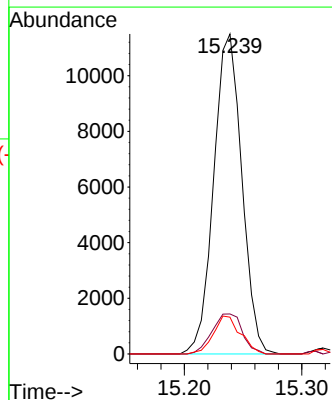
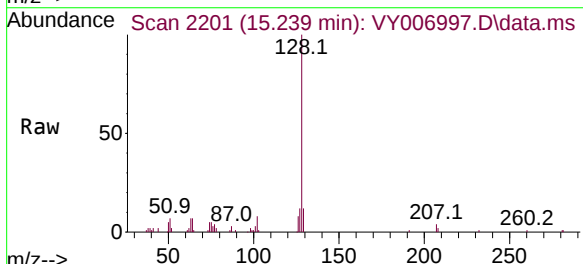
Instrument :
MSVOA_Y
ClientSampleId :

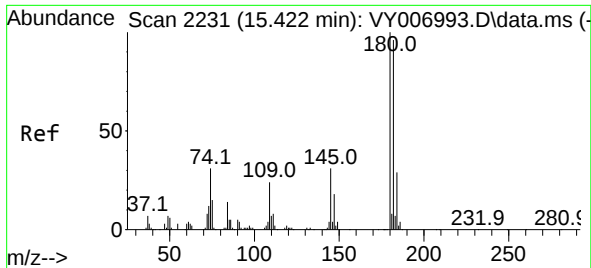
Tgt Ion:180 Resp: 9589
Ion Ratio Lower Upper
180 100
182 96.9 74.6 112.0
145 28.7 22.7 34.1



#71
Naphthalene
Concen: 3.734 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY006997.D
Acq: 07 Dec 2021 14:39

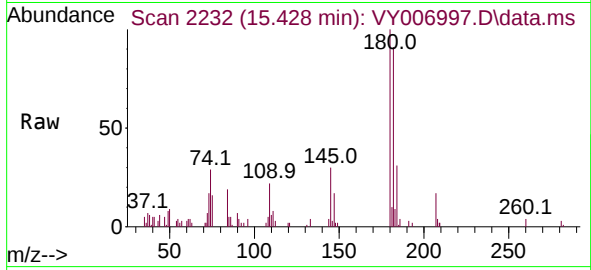
Tgt Ion:128 Resp: 19106
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.4 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 3.589 ug/L
 RT: 15.428 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY006997.D
 Acq: 07 Dec 2021 14:39

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	7954
Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.2	114.2
145	32.5	23.7	35.5

