

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008530.D
 Acq On : 27 Apr 2022 16:21
 Operator : KP/MD
 Sample : N2577-01
 Misc : 7.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GT-08-(7.5-10)

Quant Time: Apr 28 01:33:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	158686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	255528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	191966	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	511217	50.000	ug/l	#-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65173	34.905	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.820%
35) Dibromofluoromethane	7.722	113	78168	47.399	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.800%
50) Toluene-d8	10.185	98	1567101	230.282	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	460.560%#
62) 4-Bromofluorobenzene	12.495	95	1492903	672.288	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	1344.580%#

Target Compounds				Qvalue		
11) Tert butyl alcohol	4.960	59	168	Below Cal	#	77
13) Acrolein	3.729	56	322	1.620	ug/l #	71
14) Allyl chloride	4.716	41	6891	3.078	ug/l #	58
15) Acrylonitrile	5.241	53	3460	6.442	ug/l #	40
16) Acetone	3.948	43	67675	155.613	ug/l #	84
17) Carbon Disulfide	4.198	76	73115	14.098	ug/l	98
20) Methylene Chloride	4.722	84	19605	2.849	ug/l #	68
25) 2-Butanone	6.984	43	25777	38.313	ug/l	96
31) Cyclohexane	7.789	56	376258	122.580	ug/l #	80
36) 1,1-Dichloropropene	7.795	75	10710	4.083	ug/l #	59
37) Ethyl Acetate	6.984	43	25777	17.768	ug/l #	74
38) Carbon Tetrachloride	7.795	117	15151	5.559	ug/l #	15
39) Methylcyclohexane	9.191	83	6917633	2059.556	ug/l #	78
41) Methacrylonitrile	7.533	41	12171	17.300	ug/l #	40
43) Isopropyl Acetate	8.270	43	161474	60.519	ug/l #	57
45) 1,2-Dichloropropane	9.191	63	55865	30.398	ug/l #	1
47) Bromodichloromethane	9.612	83	108810	39.810	ug/l #	45
48) Methyl methacrylate	9.252	41	472524	416.515	ug/l #	49
49) 1,4-Dioxane	9.191	88	56	3.449	ug/l #	1
51) 4-Methyl-2-Pentanone	10.124	43	60801	43.318	ug/l	90
52) Toluene	10.240	92	5271	1.041	ug/l #	1
53) t-1,3-Dichloropropene	10.532	75	3581	1.222	ug/l #	1
55) 1,1,2-Trichloroethane	10.630	97	3128778	1780.388	ug/l #	20
56) Ethyl methacrylate	10.532	69	1969630	868.032	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.764	63	5695	4.580	ug/l #	49
59) 2-Hexanone	10.819	43	6058096	6272.069	ug/l #	35
60) Dibromochloromethane	10.922	129	32938	16.314	ug/l #	45
61) 1,2-Dibromoethane	11.093	107	5332	3.068	ug/l #	1
65) Chlorobenzene	11.428	112	85723	19.749	ug/l #	43
67) Ethyl Benzene	11.593	91	46889	6.224	ug/l #	76
68) m/p-Xylenes	11.709	106	6726	2.229	ug/l #	1
69) o-Xylene	12.038	106	10807	3.720	ug/l #	1
73) Isopropylbenzene	12.343	105	10484458	270.496	ug/l	93
74) N-amyl acetate	12.142	43	2950372	308.066	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.575	83	1542856	178.152	ug/l #	26
76) 1,2,3-Trichloropropane	12.575	75	6891	1.042	ug/l #	100

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 Response via : Initial Calibration

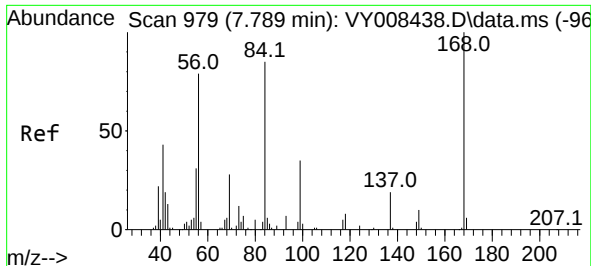
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

77) Bromobenzene	12.599	156	32192	3.406	ug/l #	1
78) n-propylbenzene	12.690	91	12467755	268.171	ug/l	78
79) 2-Chlorotoluene	12.690	91	12467755	476.473	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.782	105	71792	2.231	ug/l #	28
81) trans-1,4-Dichloro-2-b...	12.343	75	104123	36.511	ug/l #	1
82) 4-Chlorotoluene	12.690	91	12399654	457.289	ug/l #	41
83) tert-Butylbenzene	13.087	119	933487	33.424	ug/l	98
84) 1,2,4-Trimethylbenzene	13.270	105	11442281	358.444	ug/l #	32
85) sec-Butylbenzene	13.270	105	11442281	271.469	ug/l #	64
86) p-Isopropyltoluene	13.538	119	1437498	40.723	ug/l	92
89) n-Butylbenzene	13.702	91	2688543	83.916	ug/l #	88
90) Hexachloroethane	13.977	117	526201	82.915	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.385	75	3231	2.483	ug/l #	6

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

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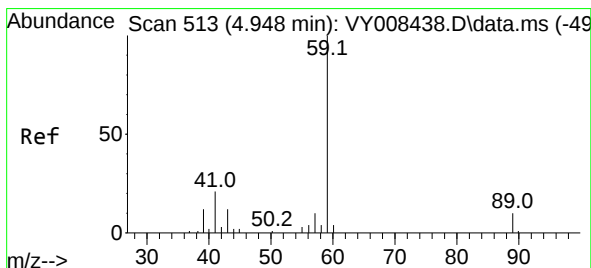
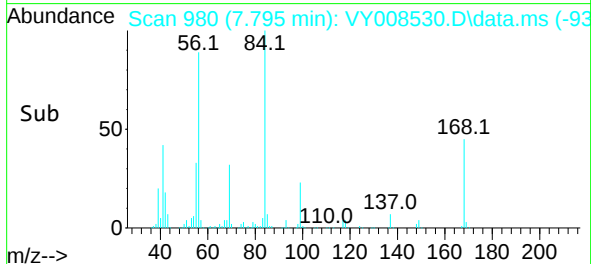
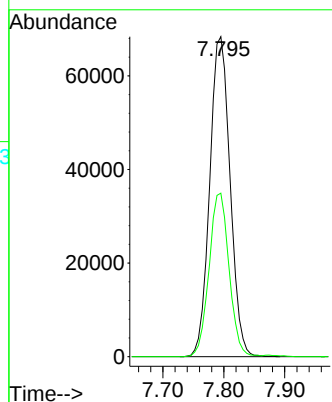
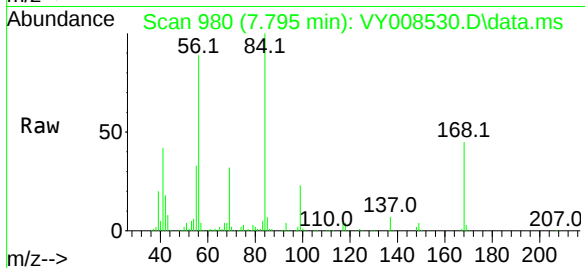




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008530.D
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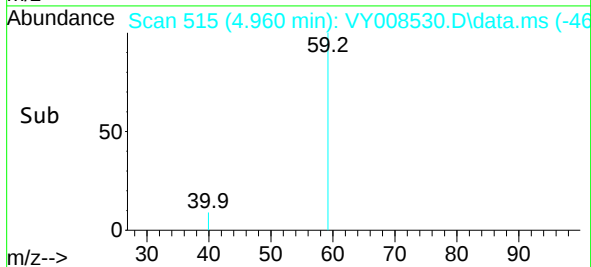
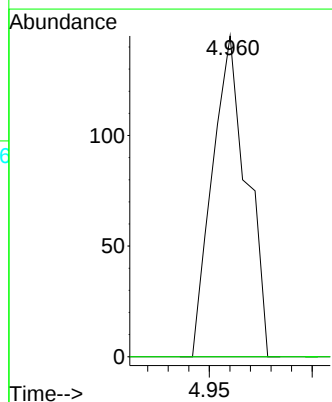
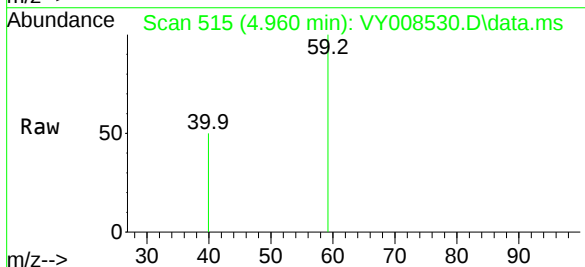
Instrument :
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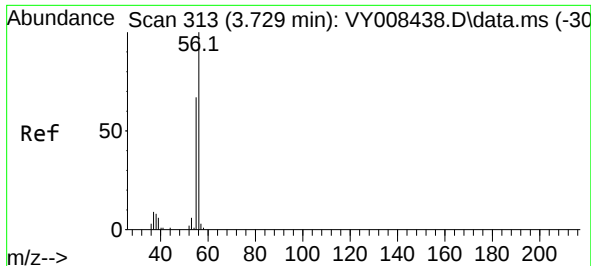
Tgt Ion:168 Resp: 158686
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

Tgt Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#13

Acrolein

Concen: 1.620 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY008530.D

Acq: 27 Apr 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

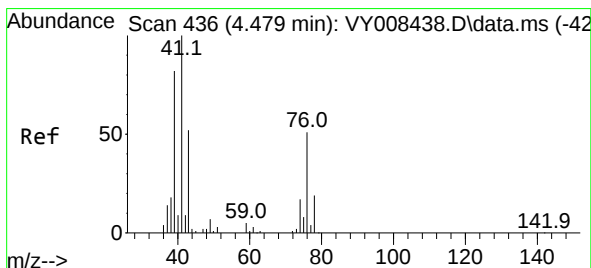
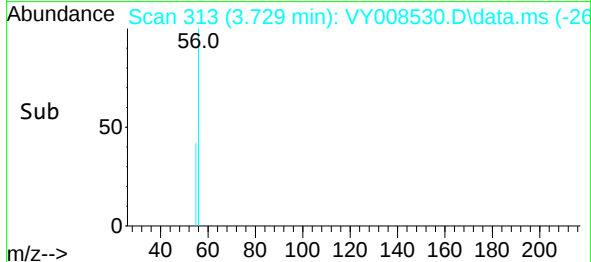
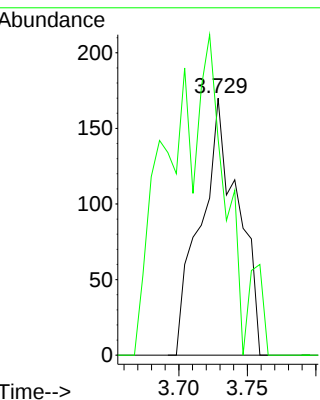
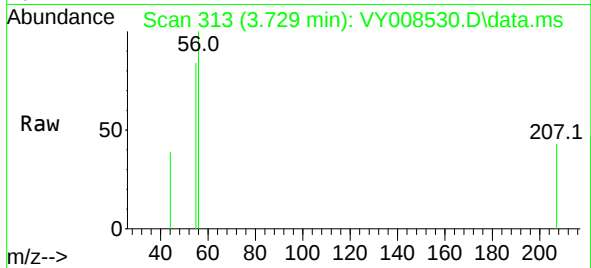
GT-08-(7.5-10)

Tgt Ion: 56 Resp: 322

Ion Ratio Lower Upper

56 100

55 96.0 57.6 86.4#



#14

Allyl chloride

Concen: 3.078 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.237 min

Lab File: VY008530.D

Acq: 27 Apr 2022 16:21

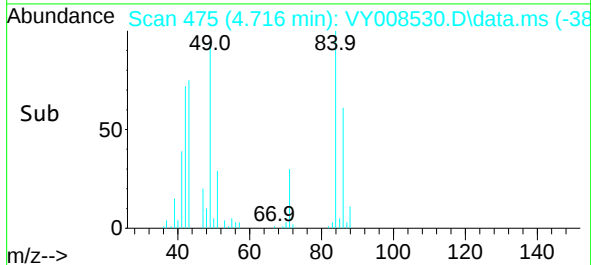
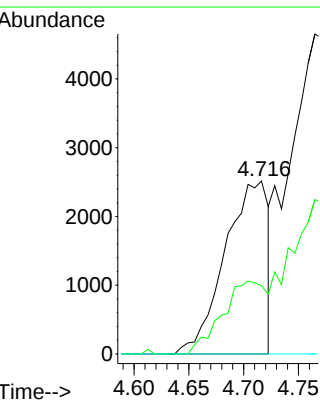
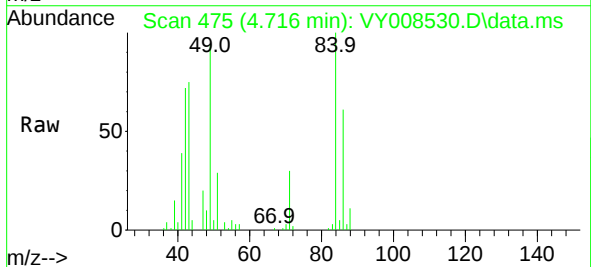
Tgt Ion: 41 Resp: 6891

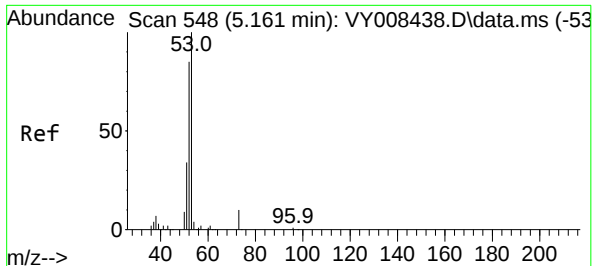
Ion Ratio Lower Upper

41 100

39 43.4 58.8 88.2#

76 0.0 25.1 37.7#

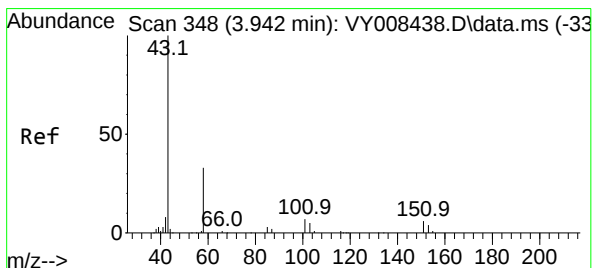
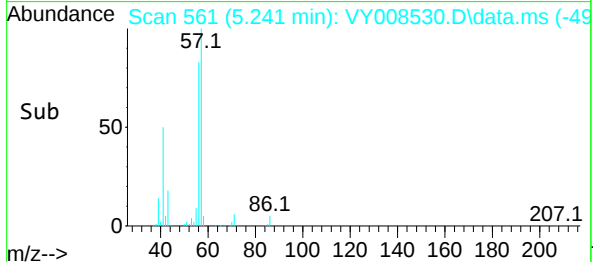
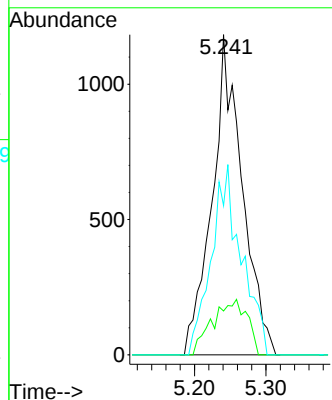
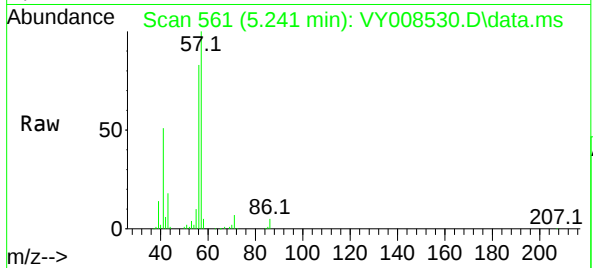




#15
Acrylonitrile
Concen: 6.442 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.080 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

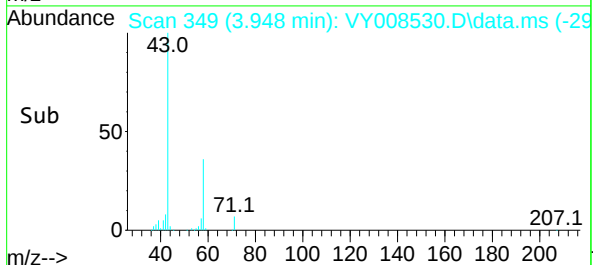
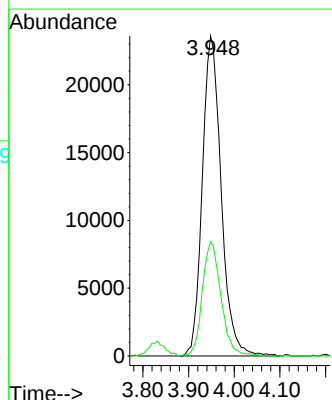
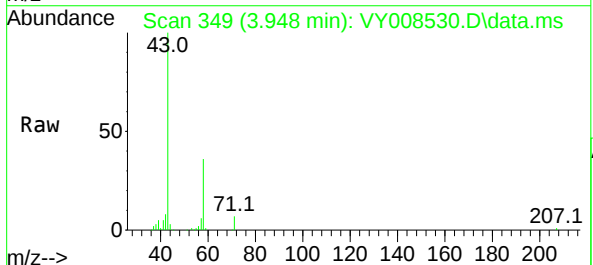
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)

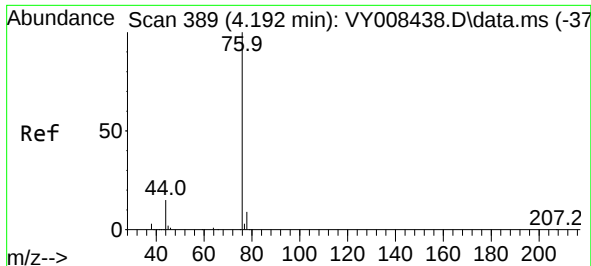
Tgt Ion: 53 Resp: 3460
Ion Ratio Lower Upper
53 100
52 19.9 67.0 100.4#
51 59.0 29.8 44.6#



#16
Acetone
Concen: 155.613 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

Tgt Ion: 43 Resp: 67675
Ion Ratio Lower Upper
43 100
58 35.8 22.0 33.0#

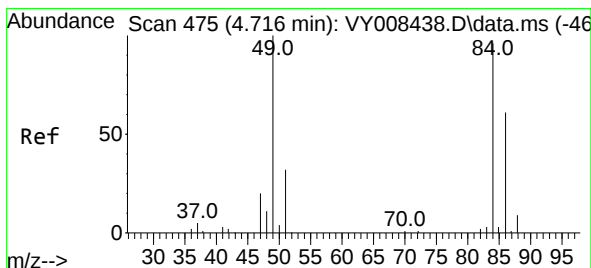
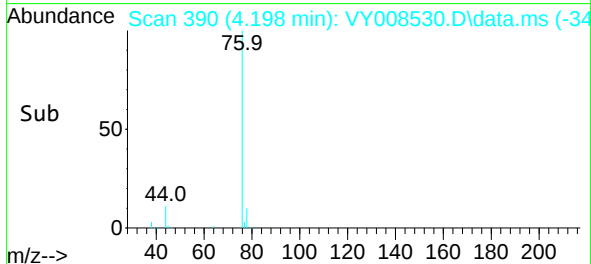
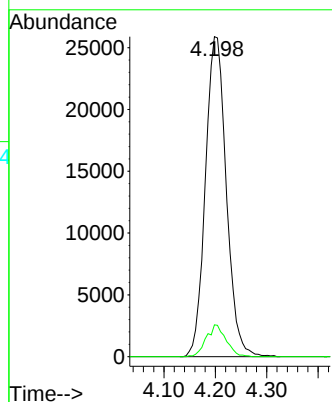
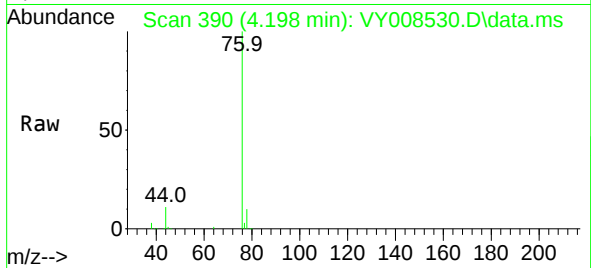




#17
Carbon Disulfide
Concen: 14.098 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

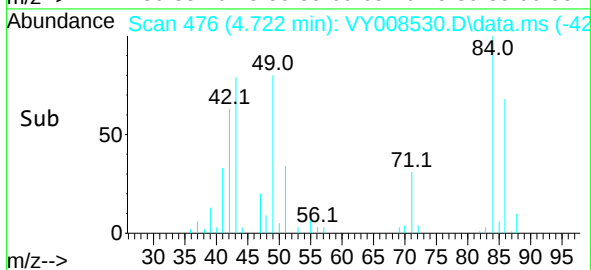
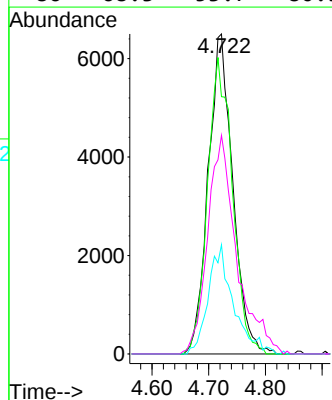
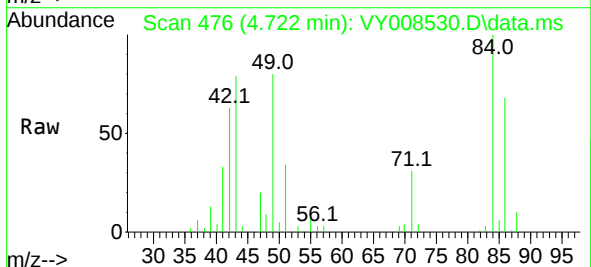
Instrument :
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ClientSampleId :
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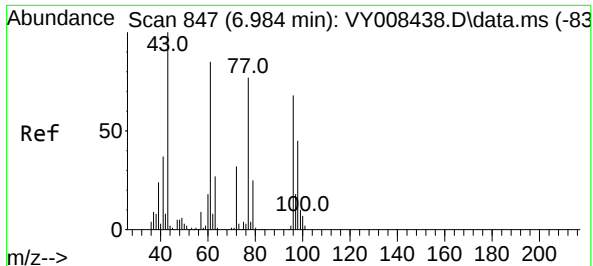
Tgt Ion: 76 Resp: 73115
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0



#20
Methylene Chloride
Concen: 2.849 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

Tgt Ion: 84 Resp: 19605
Ion Ratio Lower Upper
84 100
49 80.4 114.4 171.6#
51 34.1 35.3 52.9#
86 68.3 53.7 80.5





#25

2-Butanone

Concen: 38.313 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008530.D

Acq: 27 Apr 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

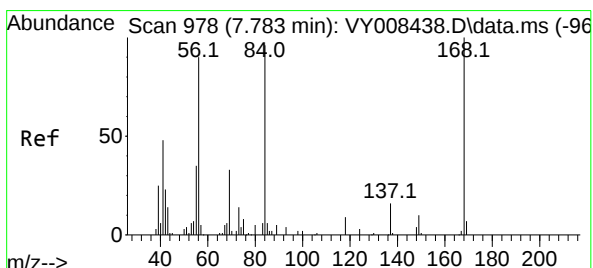
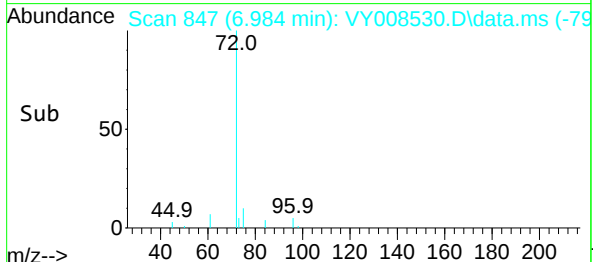
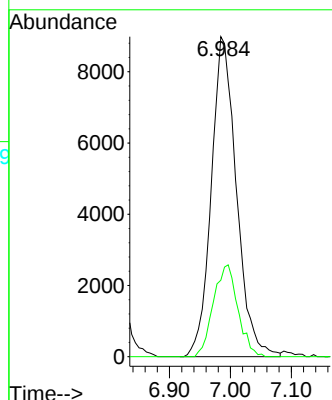
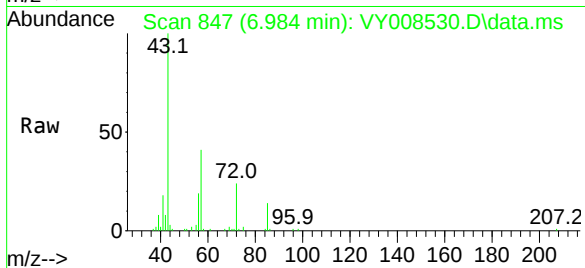
GT-08-(7.5-10)

Tgt Ion: 43 Resp: 25777

Ion Ratio Lower Upper

43 100

72 23.9 17.7 26.5



#31

Cyclohexane

Concen: 122.580 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY008530.D

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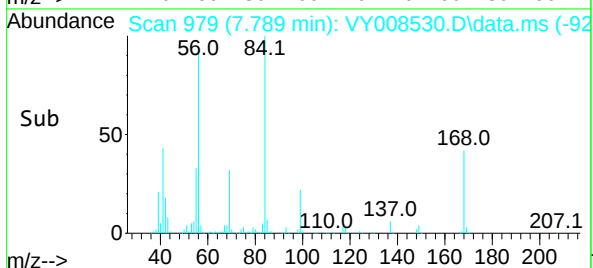
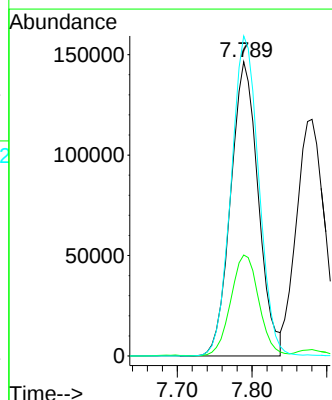
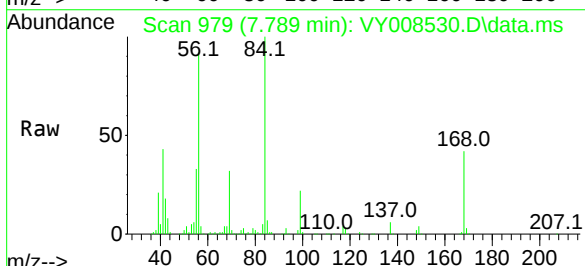
Tgt Ion: 56 Resp: 376258

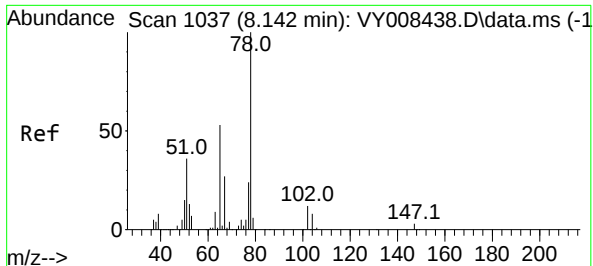
Ion Ratio Lower Upper

56 100

69 34.1 26.7 40.1

84 108.7 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 34.905 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008530.D

Acq: 27 Apr 2022 16:21

Instrument :

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ClientSampleId :

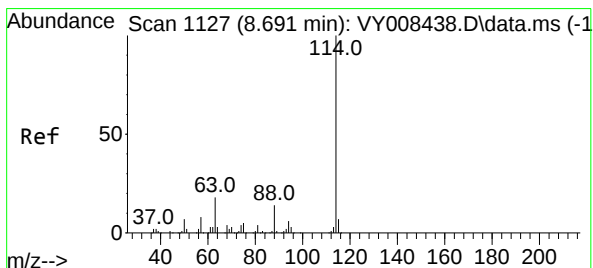
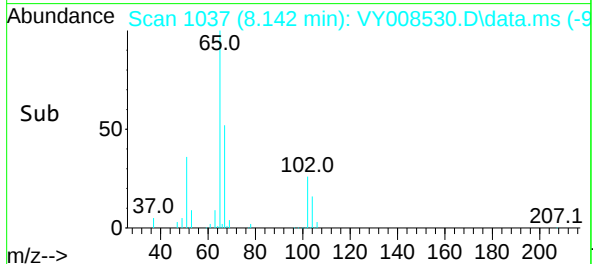
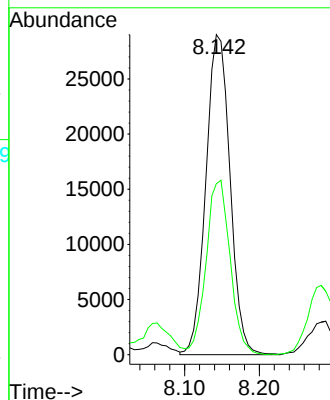
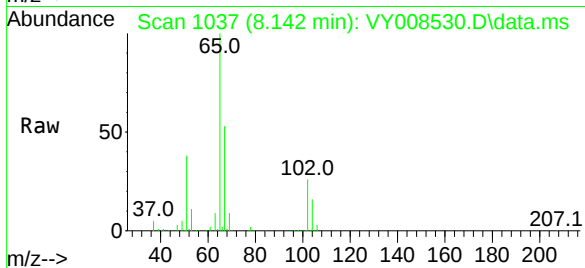
GT-08-(7.5-10)

Tgt Ion: 65 Resp: 65173

Ion Ratio Lower Upper

65 100

67 54.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008530.D

Acq: 27 Apr 2022 16:21

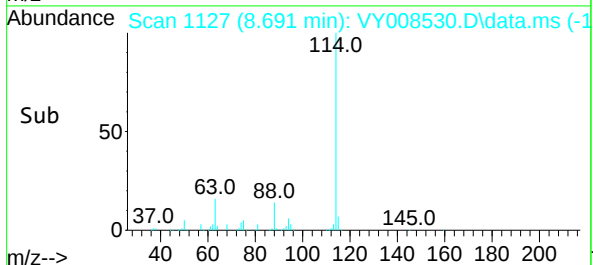
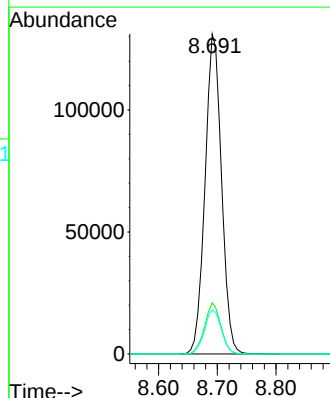
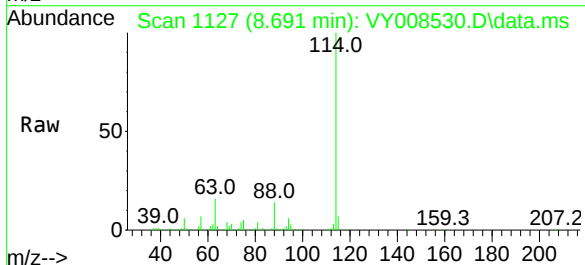
Tgt Ion: 114 Resp: 255528

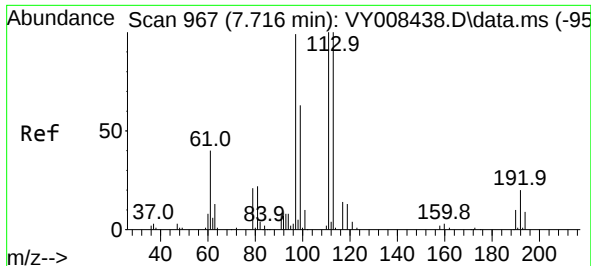
Ion Ratio Lower Upper

114 100

63 16.0 0.0 43.2

88 13.8 0.0 31.8

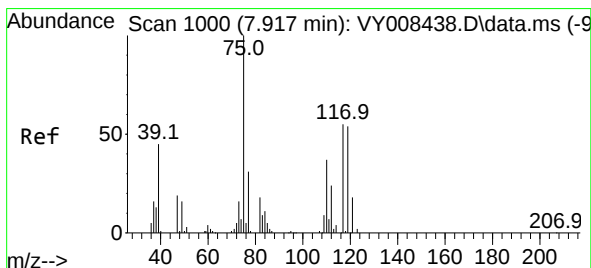
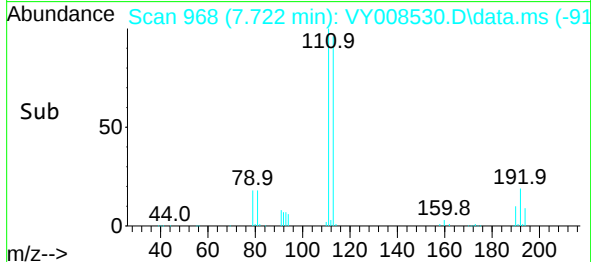
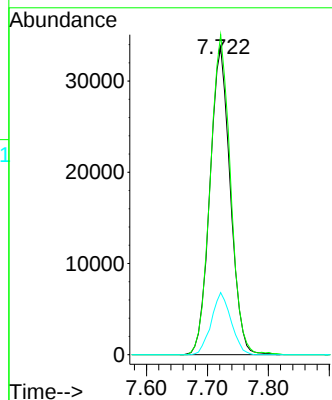
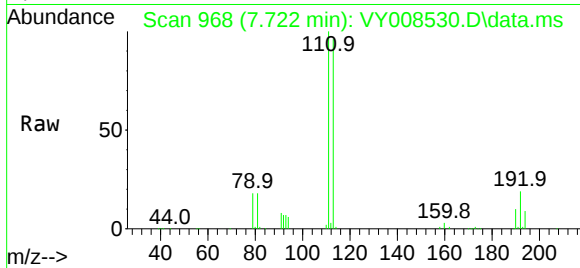




#35
Dibromofluoromethane
Concen: 47.399 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

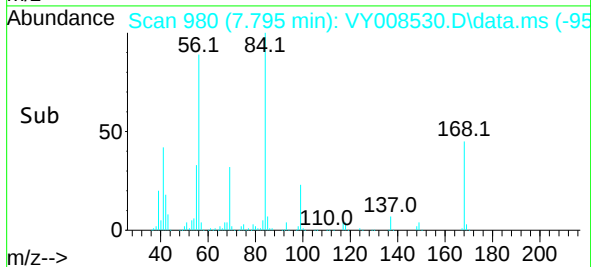
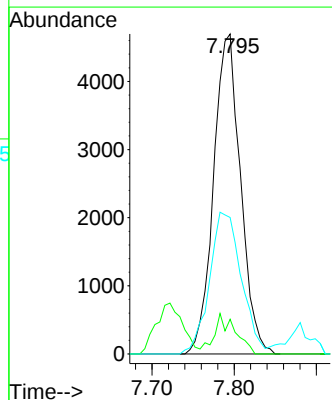
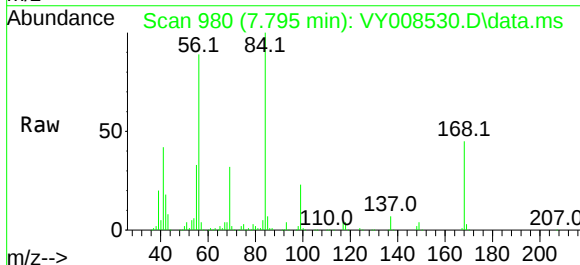
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)

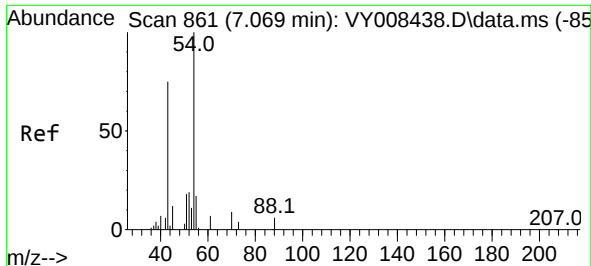
Tgt Ion:113 Resp: 78168
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 19.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.083 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

Tgt Ion: 75 Resp: 10710
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 52.2 24.4 36.6#





#37

Ethyl Acetate

Concen: 17.768 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.085 min

Lab File: VY008530.D

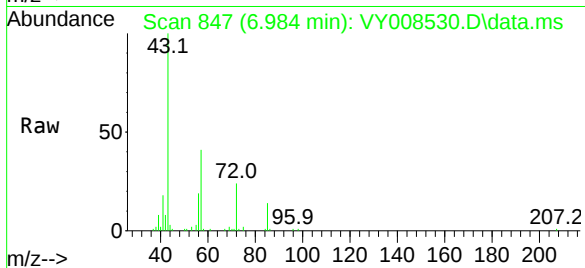
Acq: 27 Apr 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

GT-08-(7.5-10)



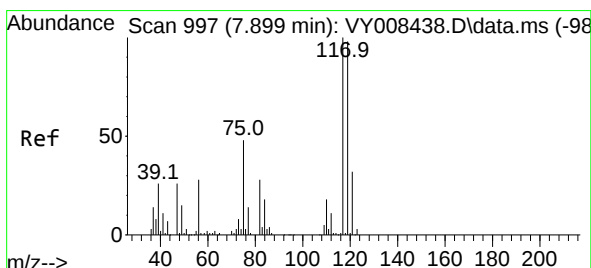
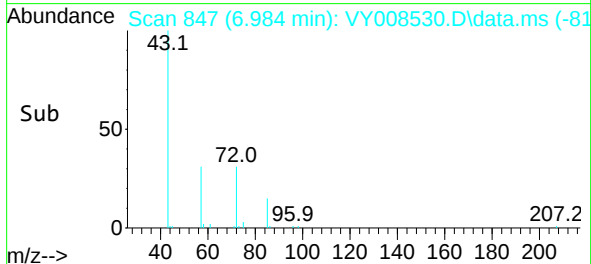
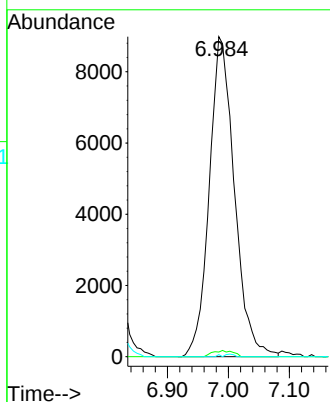
Tgt Ion: 43 Resp: 25777

Ion Ratio Lower Upper

43 100

61 1.6 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.559 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY008530.D

Acq: 27 Apr 2022 16:21

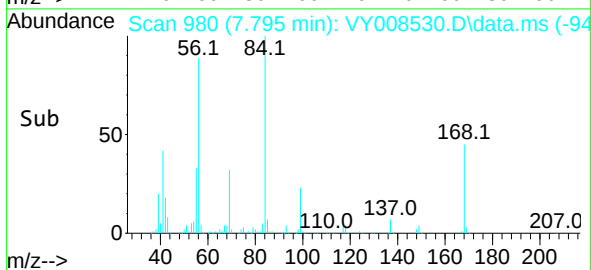
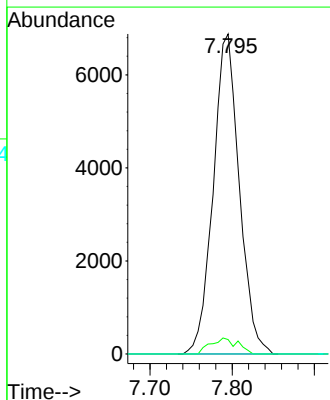
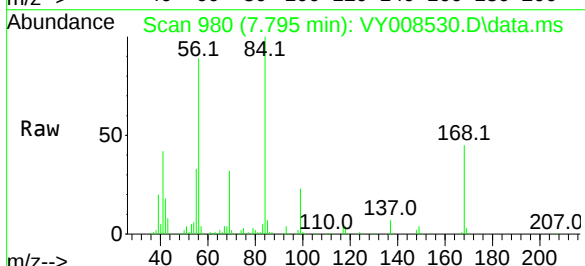
Tgt Ion: 117 Resp: 15151

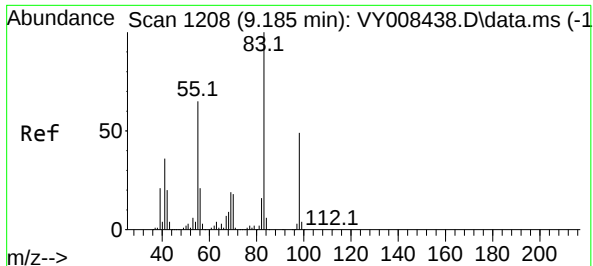
Ion Ratio Lower Upper

117 100

119 4.5 77.9 116.9#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 2059.556 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008530.D

Acq: 27 Apr 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

GT-08-(7.5-10)

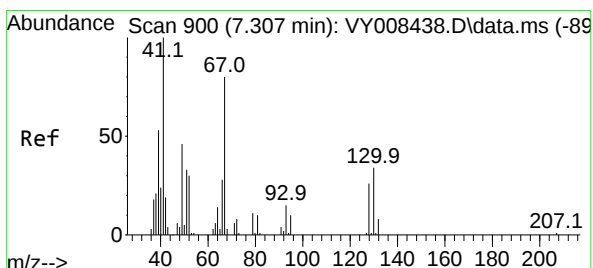
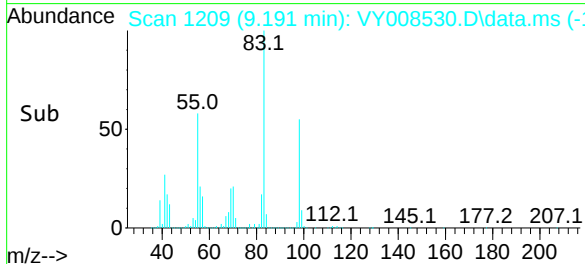
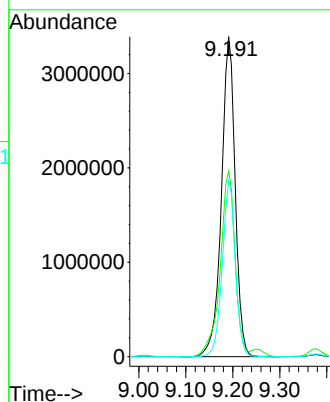
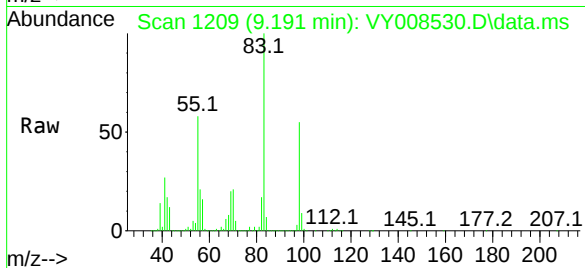
Tgt Ion: 83 Resp: 6917633

Ion Ratio Lower Upper

83 100

55 58.1 66.5 99.7#

98 54.9 37.9 56.9



#41

Methacrylonitrile

Concen: 17.300 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.226 min

Lab File: VY008530.D

Acq: 27 Apr 2022 16:21

Tgt Ion: 41 Resp: 12171

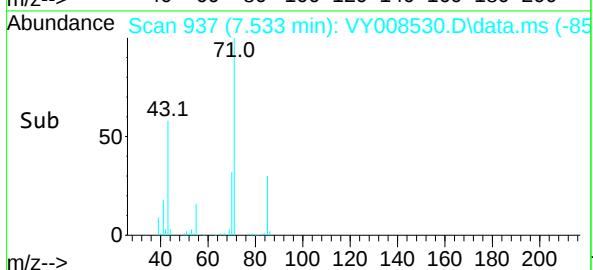
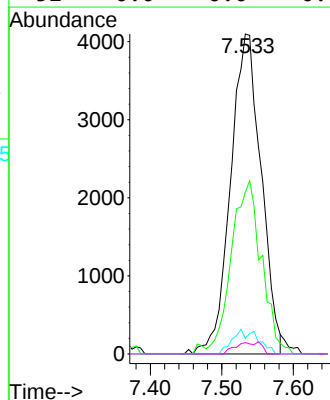
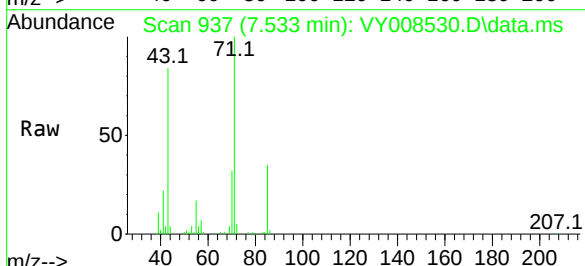
Ion Ratio Lower Upper

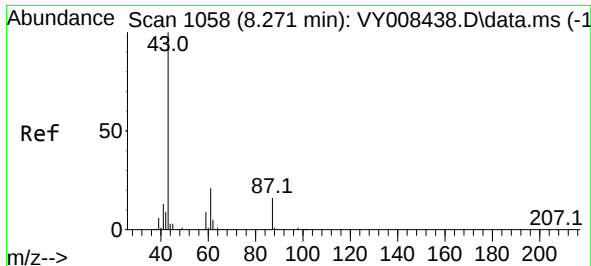
41 100

39 50.3 92.9 139.3#

67 6.4 0.0 0.0#

52 0.0 0.0 0.0

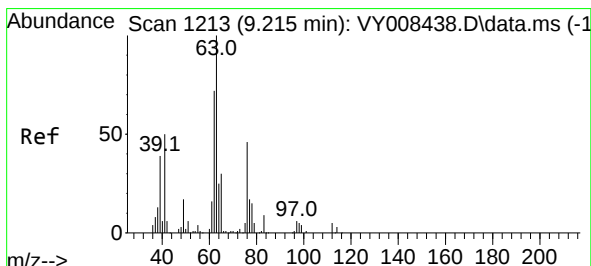
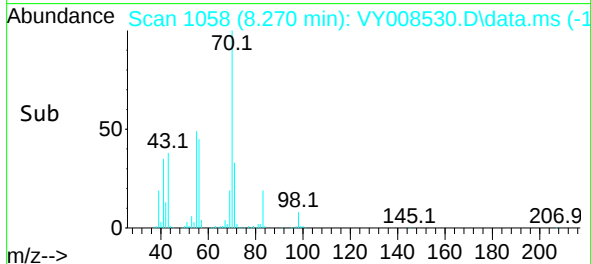
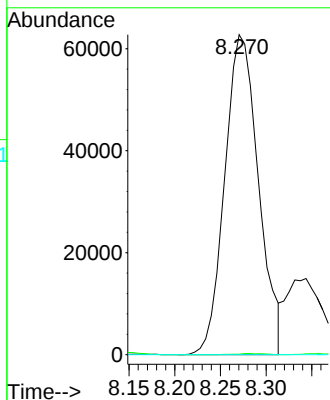
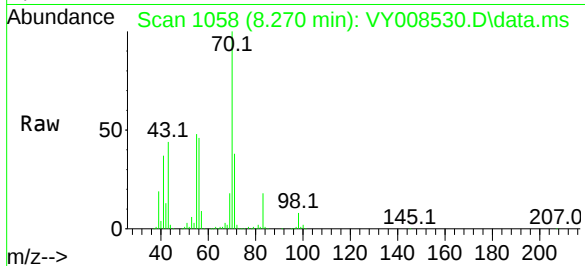




#43
Isopropyl Acetate
Concen: 60.519 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

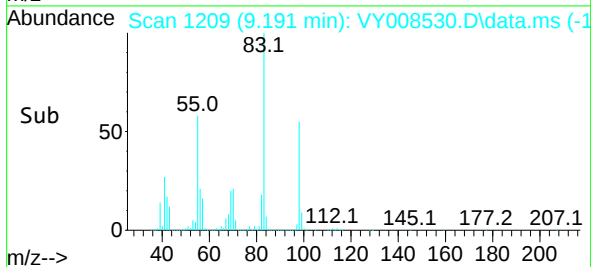
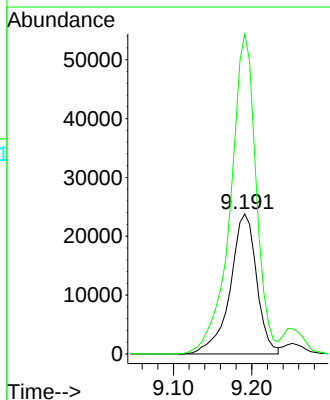
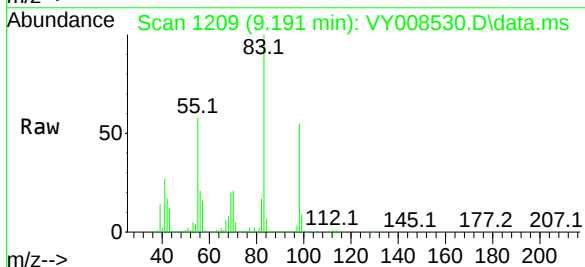
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)

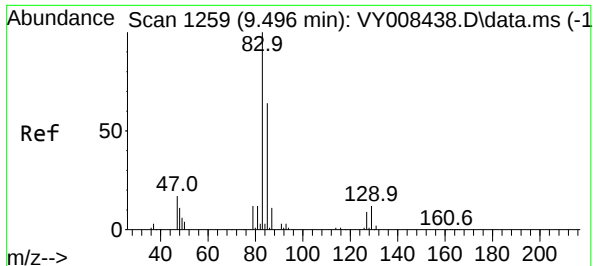
Tgt Ion: 43 Resp: 161474
Ion Ratio Lower Upper
43 100
61 0.3 20.2 30.2#
87 0.0 8.9 13.3#



#45
1,2-Dichloropropane
Concen: 30.398 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.024 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

Tgt Ion: 63 Resp: 55865
Ion Ratio Lower Upper
63 100
65 228.6 23.0 34.6#

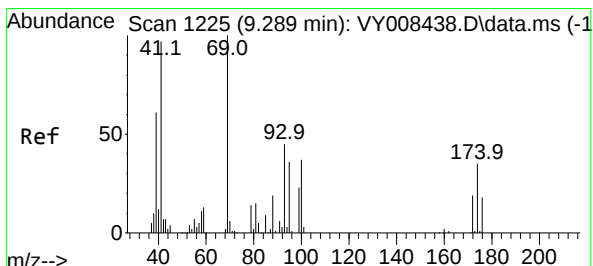
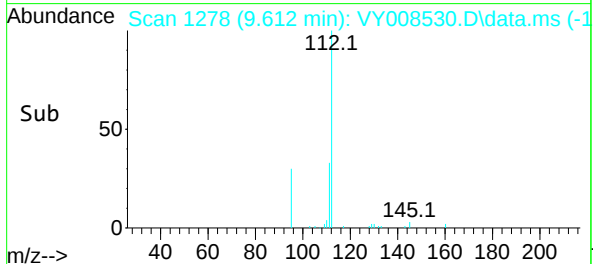
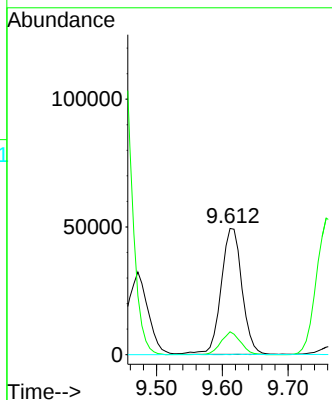
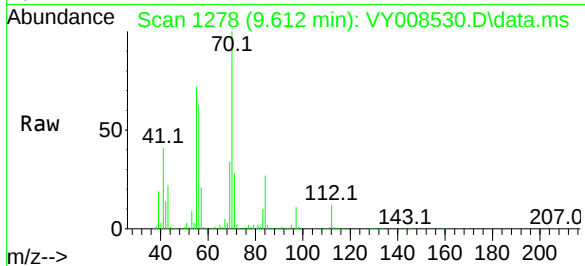




#47
Bromodichloromethane
Concen: 39.810 ug/l
RT: 9.612 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

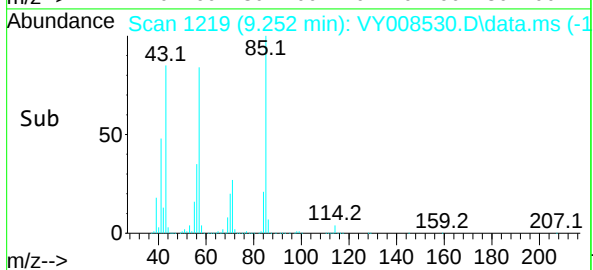
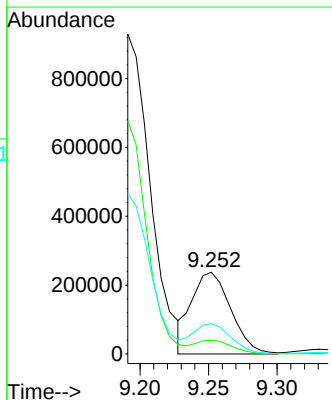
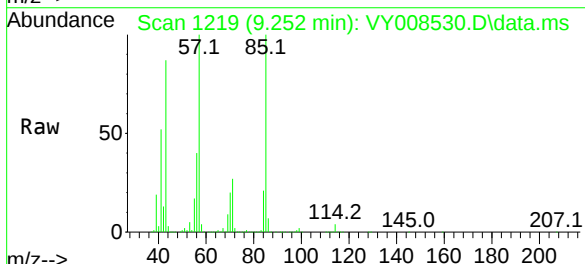
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)

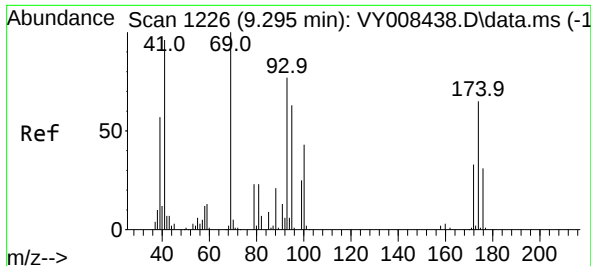
Tgt Ion: 83 Resp: 108810
Ion Ratio Lower Upper
83 100
85 18.2 51.9 77.9#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 416.515 ug/l
RT: 9.252 min Scan# 1219
Delta R.T. -0.037 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

Tgt Ion: 41 Resp: 472524
Ion Ratio Lower Upper
41 100
69 15.5 58.2 87.2#
39 37.4 47.4 71.0#





#49

1,4-Dioxane

Concen: 3.449 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.104 min

Lab File: VY008530.D

Acq: 27 Apr 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

GT-08-(7.5-10)

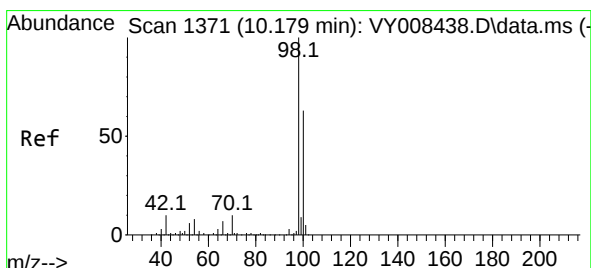
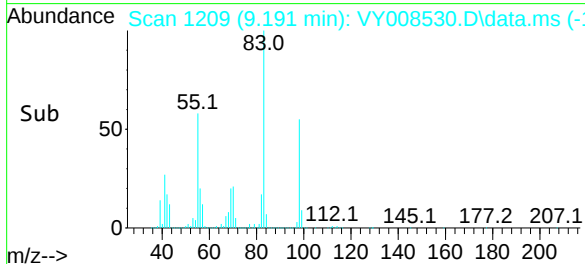
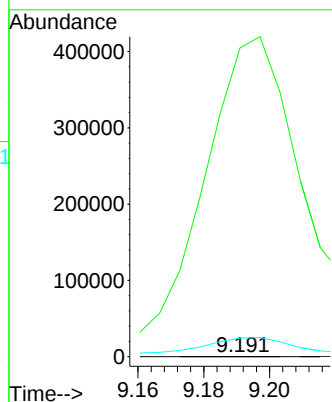
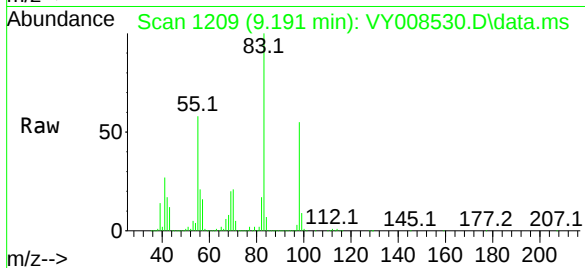
Tgt Ion: 88 Resp: 56

Ion Ratio Lower Upper

88 100

43 1595075.0 32.8 49.2#

58 103546.4 59.8 89.6#



#50

Toluene-d8

Concen: 230.282 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY008530.D

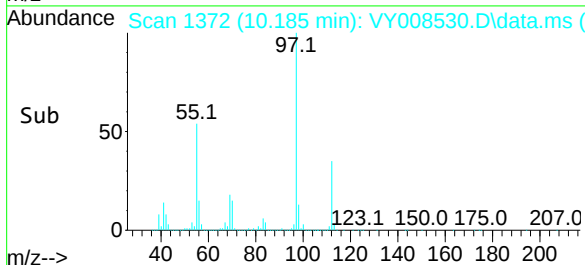
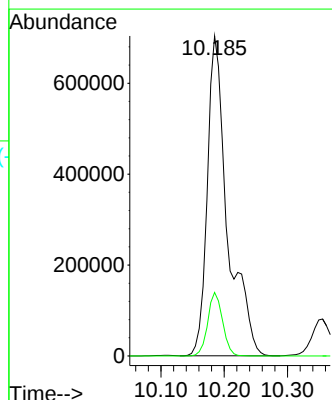
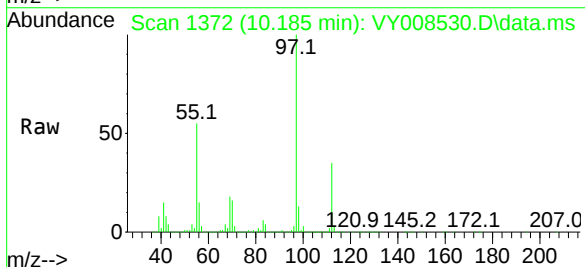
Acq: 27 Apr 2022 16:21

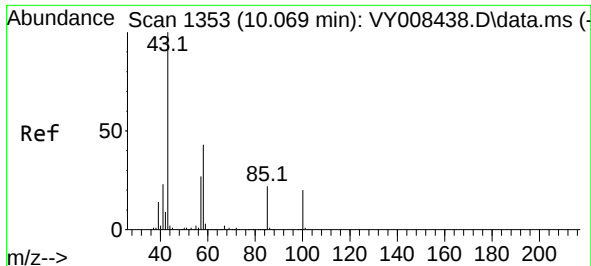
Tgt Ion: 98 Resp: 1567101

Ion Ratio Lower Upper

98 100

100 14.5 50.2 75.2#

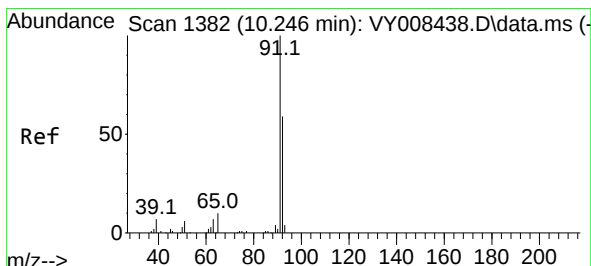
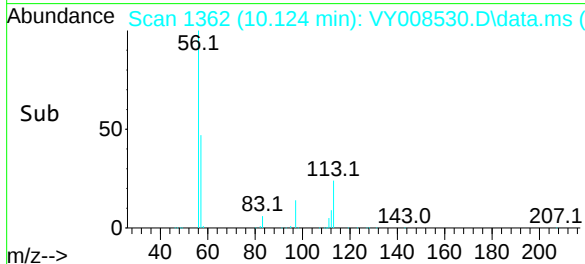
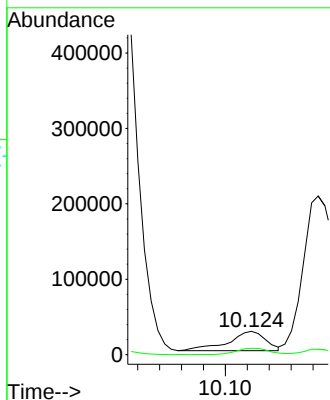
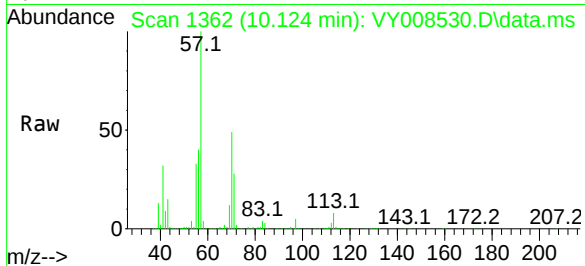




#51
4-Methyl-2-Pentanone
Concen: 43.318 ug/l
RT: 10.124 min Scan# 11
Delta R.T. 0.055 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

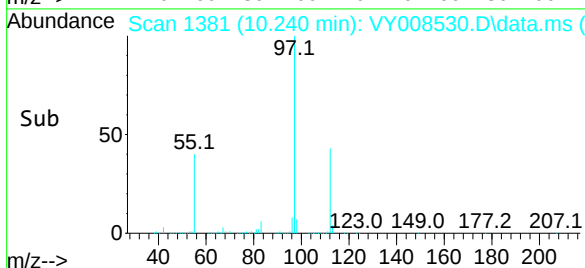
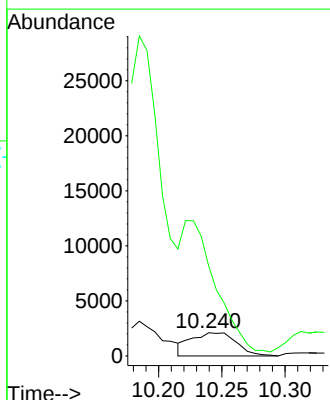
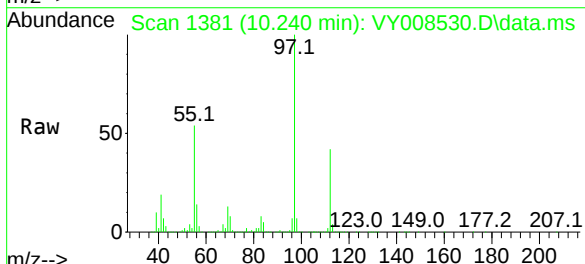
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)

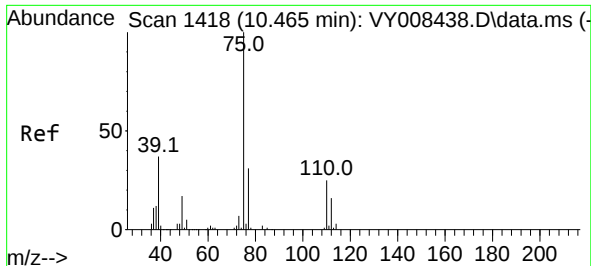
Tgt Ion: 43 Resp: 60801
Ion Ratio Lower Upper
43 100
58 29.0 28.1 42.1



#52
Toluene
Concen: 1.041 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

Tgt Ion: 92 Resp: 5271
Ion Ratio Lower Upper
92 100
91 0.0 142.6 213.8#

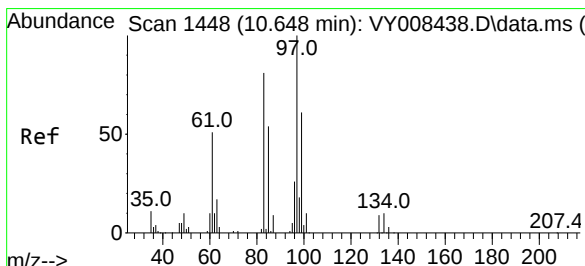
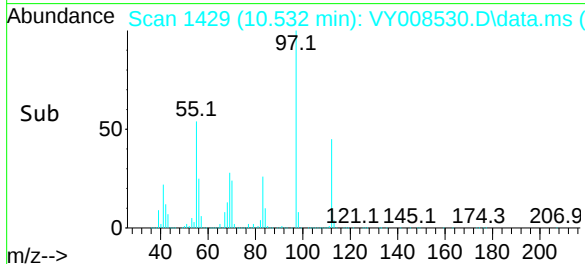
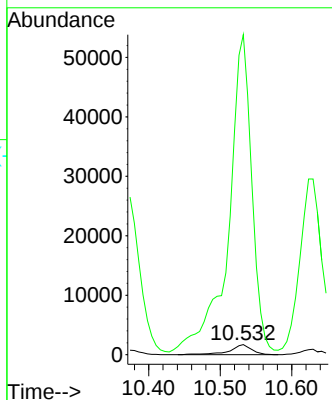
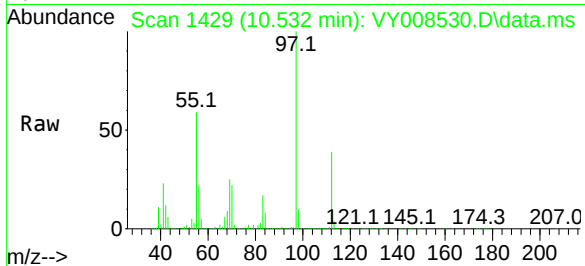




#53
t-1,3-Dichloropropene
Concen: 1.222 ug/l
RT: 10.532 min Scan# 1418
Delta R.T. 0.067 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

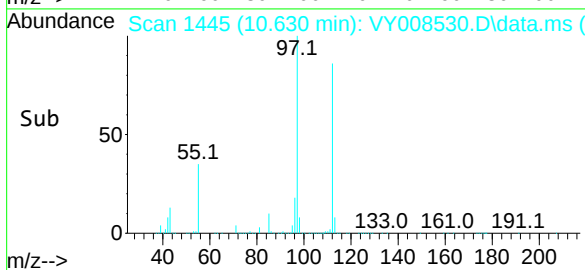
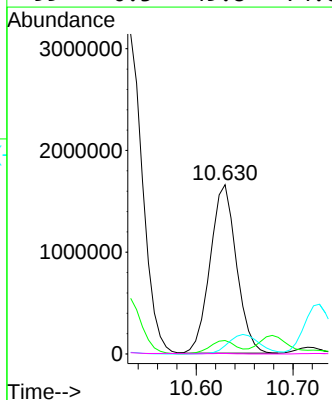
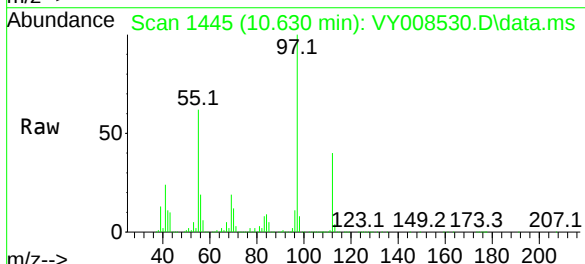
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)

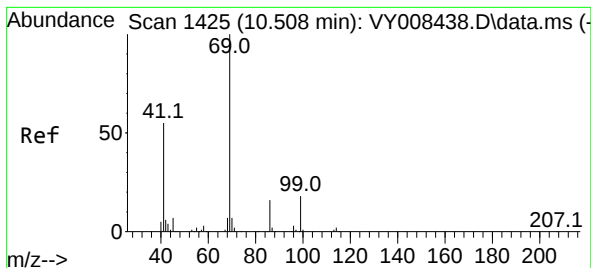
Tgt Ion: 75 Resp: 3581
Ion Ratio Lower Upper
75 100
77 3105.9 25.4 38.2#



#55
1,1,2-Trichloroethane
Concen: 1780.388 ug/l
RT: 10.630 min Scan# 1445
Delta R.T. -0.018 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

Tgt Ion: 97 Resp: 3128778
Ion Ratio Lower Upper
97 100
83 7.8 69.8 104.8#
85 4.9 44.3 66.5#
99 0.3 49.8 74.6#





#56

Ethyl methacrylate

Concen: 868.032 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.024 min

Lab File: VY008530.D

Acq: 27 Apr 2022 16:21

Instrument :

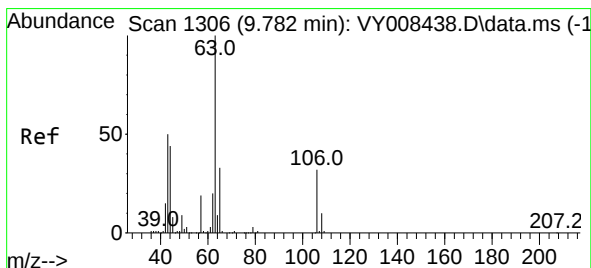
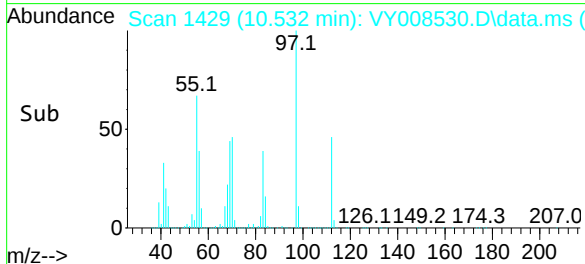
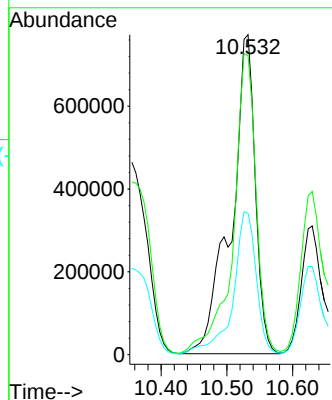
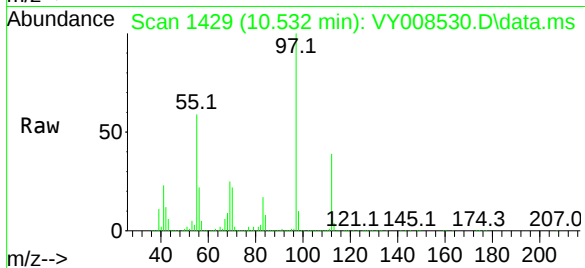
MSVOA_Y

ClientSampleId :

GT-08-(7.5-10)

Tgt Ion: 69 Resp: 1969630

Ion	Ratio	Lower	Upper
69	100		
41	87.7	63.4	95.0
39	42.4	35.8	53.8



#58

2-Chloroethyl Vinyl ether

Concen: 4.580 ug/l

RT: 9.764 min Scan# 1303

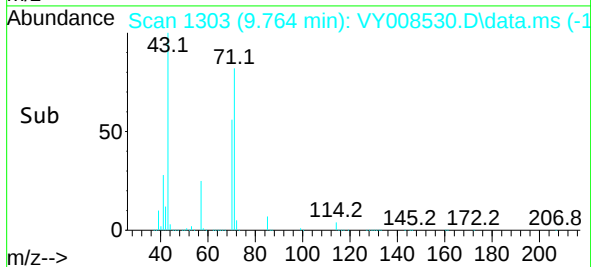
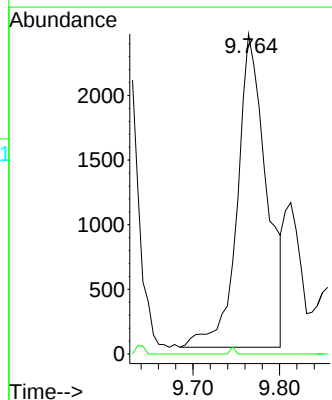
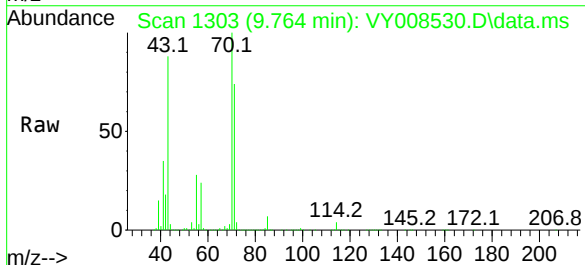
Delta R.T. -0.018 min

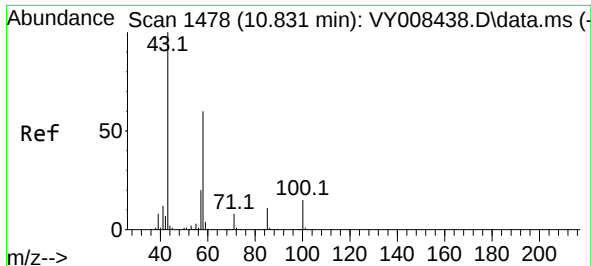
Lab File: VY008530.D

Acq: 27 Apr 2022 16:21

Tgt Ion: 63 Resp: 5695

Ion	Ratio	Lower	Upper
63	100		
106	0.4	21.5	32.3

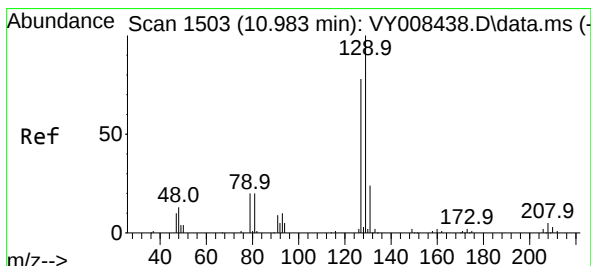
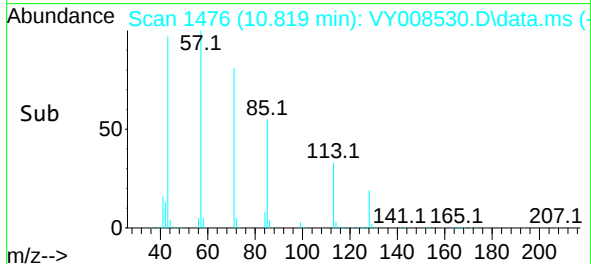
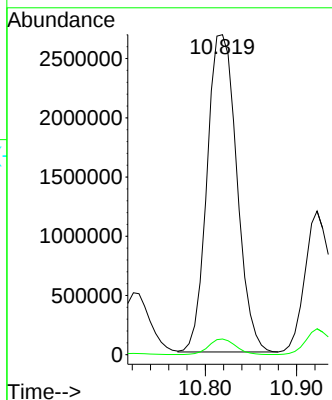
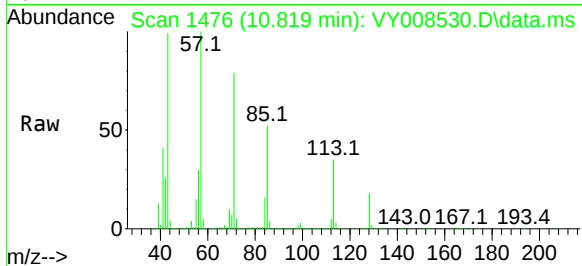




#59
2-Hexanone
Concen: 6272.069 ug/l
RT: 10.819 min Scan# 1478
Delta R.T. -0.012 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

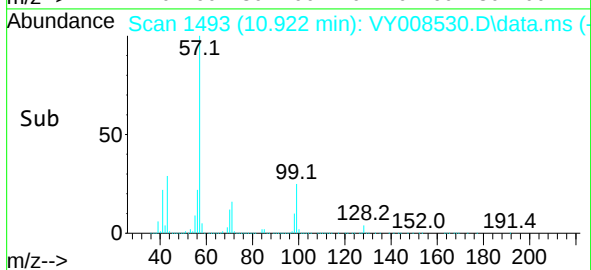
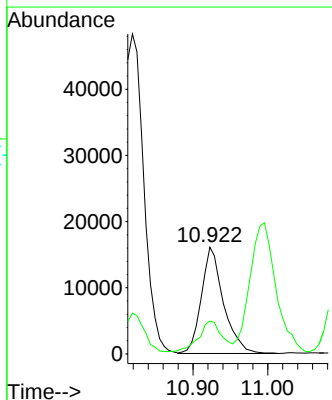
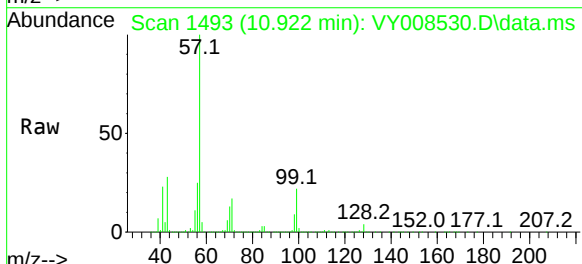
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)

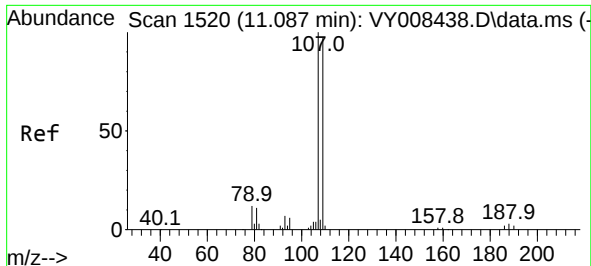
Tgt Ion: 43 Resp: 6058096
Ion Ratio Lower Upper
43 100
58 4.4 24.4 73.4#



#60
Dibromochloromethane
Concen: 16.314 ug/l
RT: 10.922 min Scan# 1493
Delta R.T. -0.061 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

Tgt Ion:129 Resp: 32938
Ion Ratio Lower Upper
129 100
127 30.1 38.7 116.1#

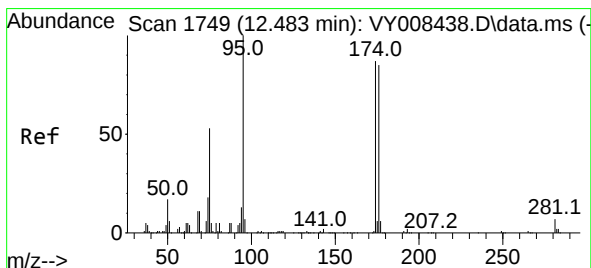
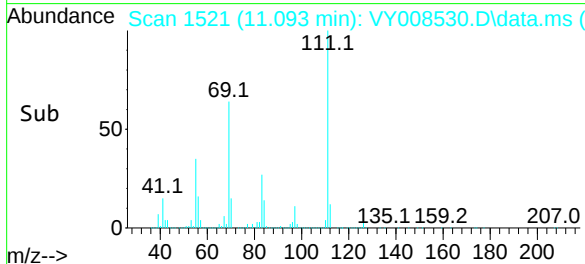
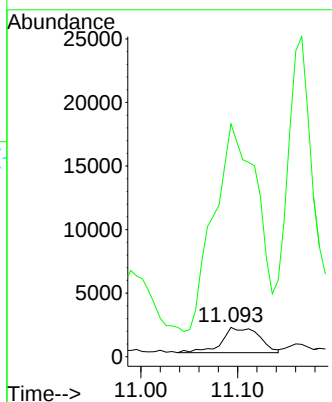
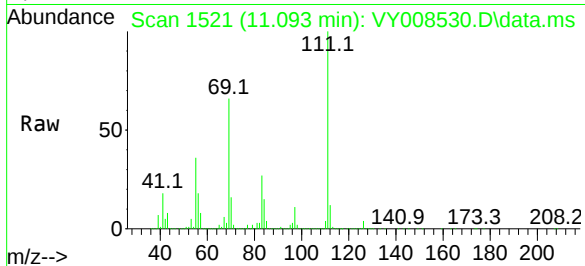




#61
1,2-Dibromoethane
Concen: 3.068 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

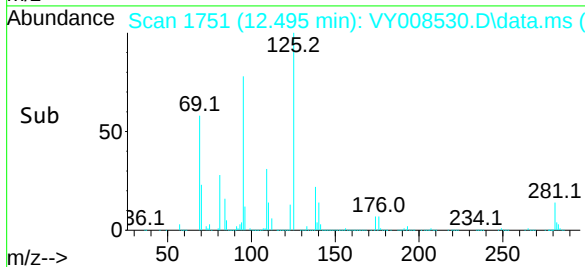
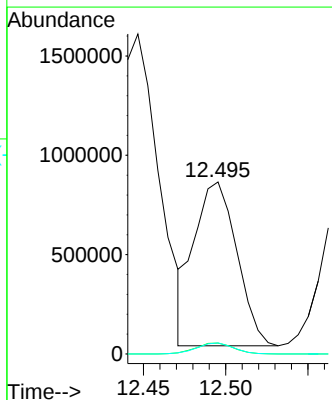
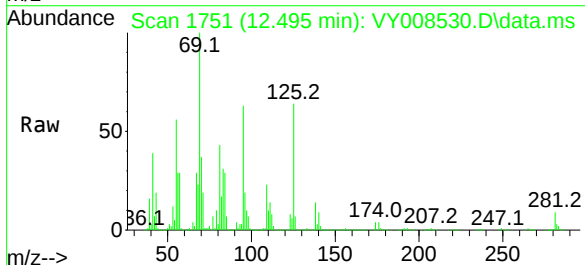
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)

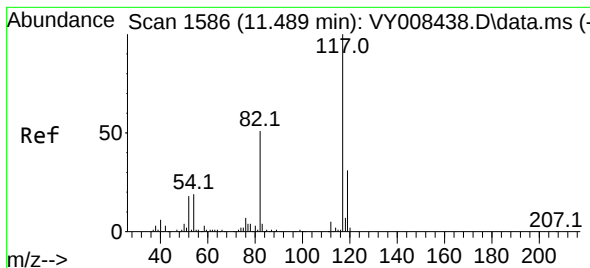
Tgt Ion:107 Resp: 5332
Ion Ratio Lower Upper
107 100
109 948.4 75.4 113.2#



#62
4-Bromofluorobenzene
Concen: 672.288 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

Tgt Ion: 95 Resp: 1492903
Ion Ratio Lower Upper
95 100
174 5.9 0.0 177.0
176 5.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008530.D

Acq: 27 Apr 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

GT-08-(7.5-10)

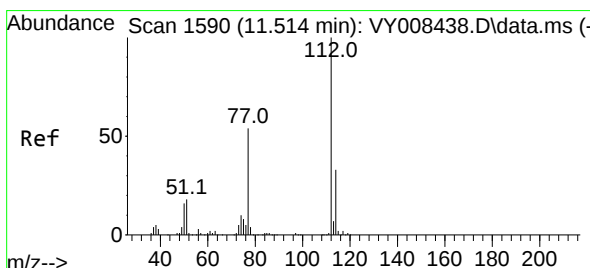
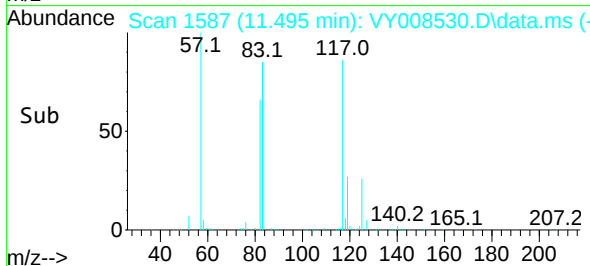
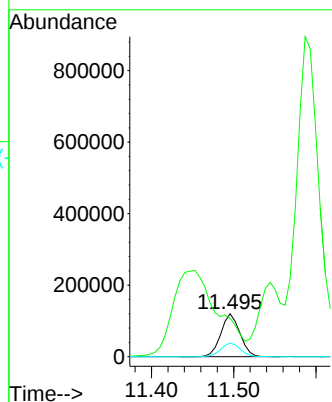
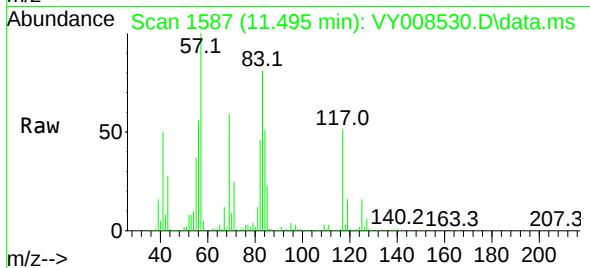
Tgt Ion:117 Resp: 191966

Ion Ratio Lower Upper

117 100

82 0.0 43.0 64.4#

119 31.7 25.4 38.0



#65

Chlorobenzene

Concen: 19.749 ug/l

RT: 11.428 min Scan# 1576

Delta R.T. -0.086 min

Lab File: VY008530.D

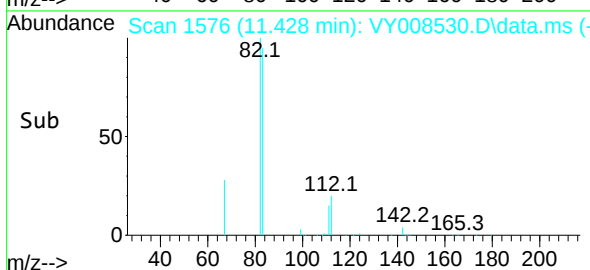
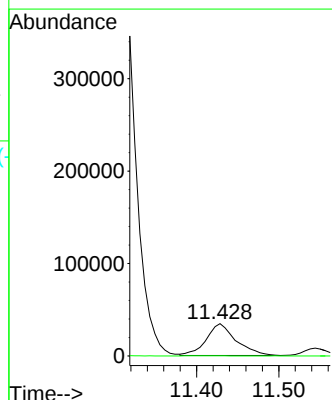
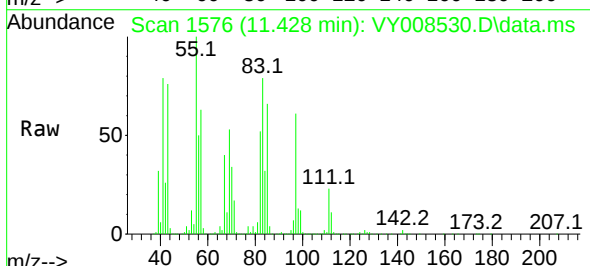
Acq: 27 Apr 2022 16:21

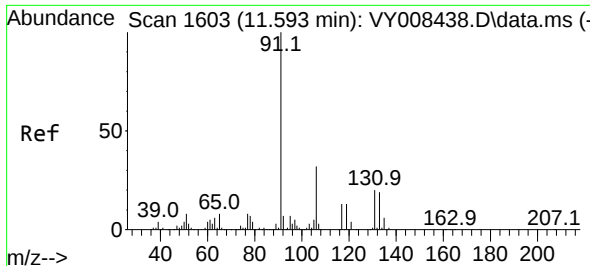
Tgt Ion:112 Resp: 85723

Ion Ratio Lower Upper

112 100

114 0.5 25.8 38.6#

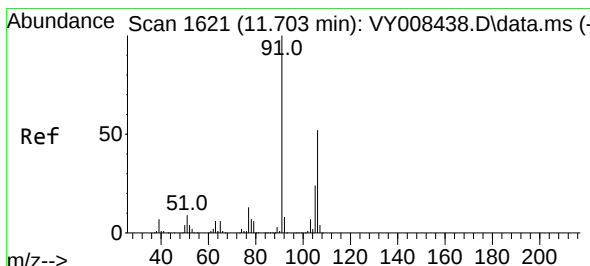
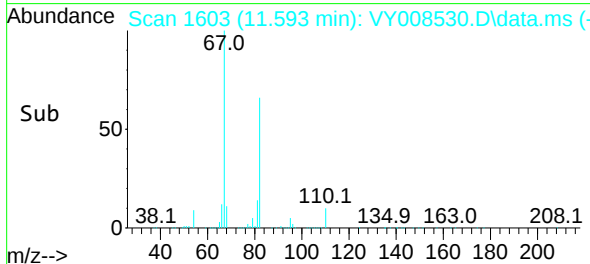
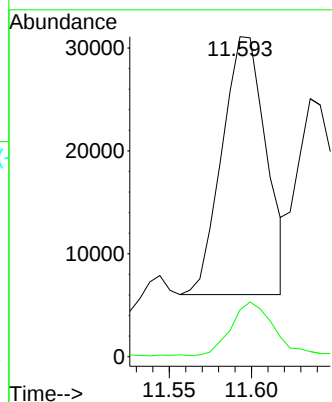
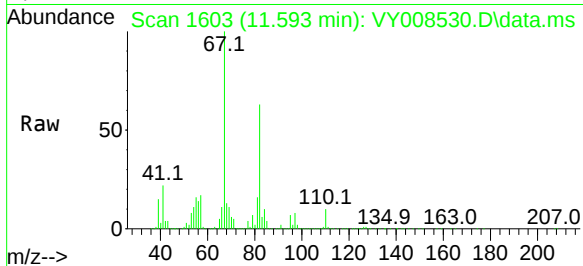




#67
Ethyl Benzene
Concen: 6.224 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

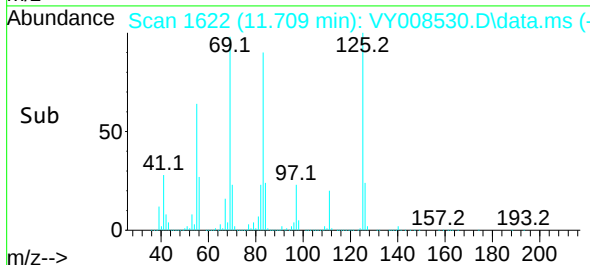
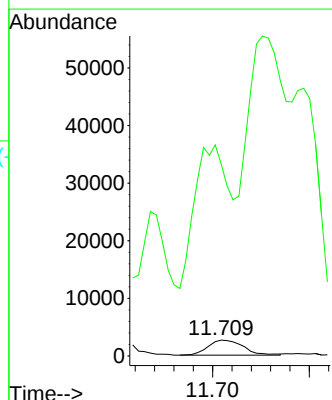
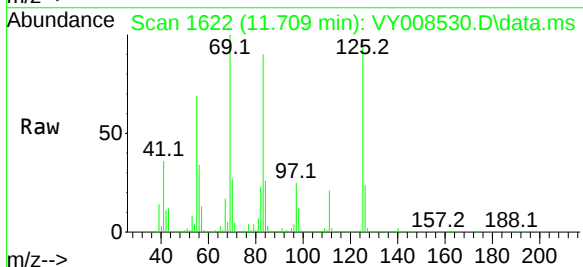
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)

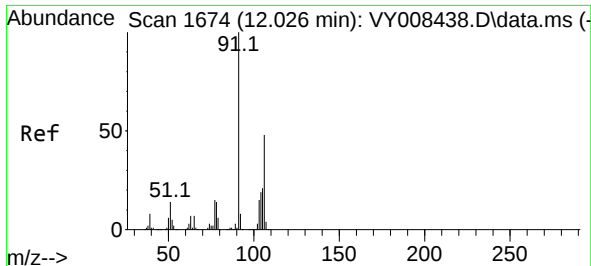
Tgt Ion: 91 Resp: 46889
Ion Ratio Lower Upper
91 100
106 17.4 24.5 36.7#



#68
m/p-Xylenes
Concen: 2.229 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

Tgt Ion:106 Resp: 6726
Ion Ratio Lower Upper
106 100
91 889.3 166.6 249.8#

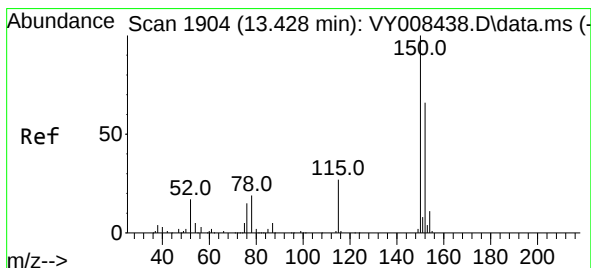
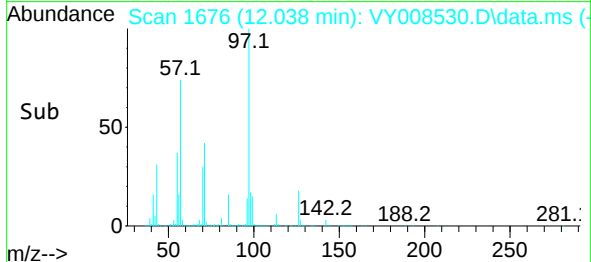
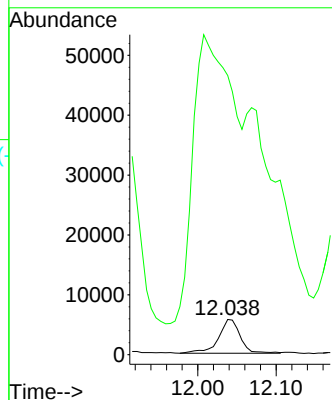
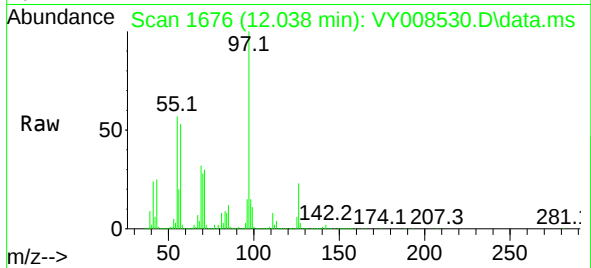




#69
o-Xylene
Concen: 3.720 ug/l
RT: 12.038 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

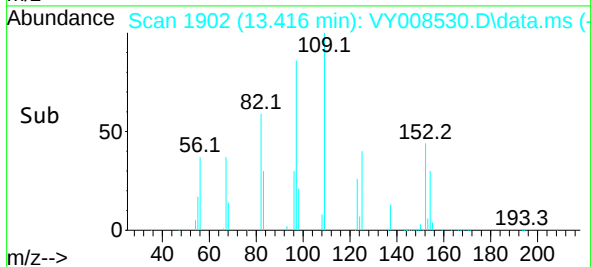
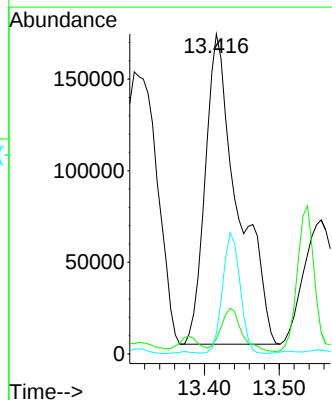
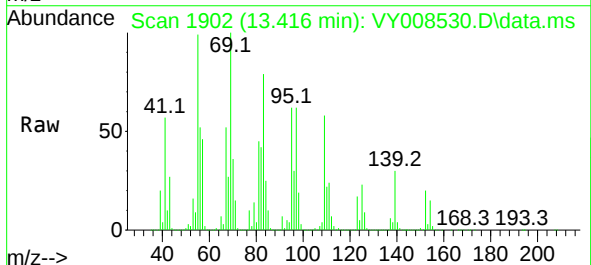
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)

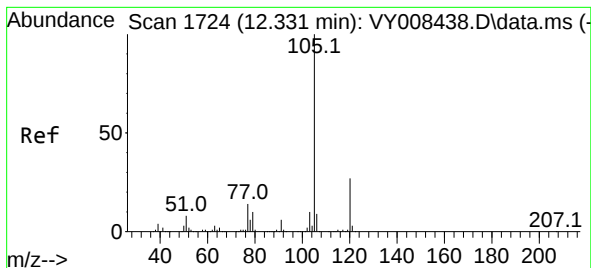
Tgt Ion:106 Resp: 10807
Ion Ratio Lower Upper
106 100
91 0.0 110.3 331.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.416 min Scan# 1902
Delta R.T. -0.012 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

Tgt Ion:152 Resp: 511217
Ion Ratio Lower Upper
152 100
115 8.9 28.2 84.7#
150 21.0 0.0 347.6





#73

Isopropylbenzene

Concen: 270.496 ug/l

RT: 12.343 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY008530.D

Acq: 27 Apr 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

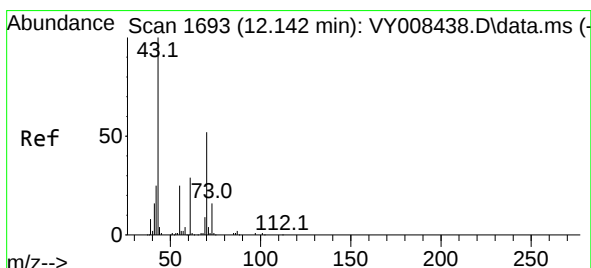
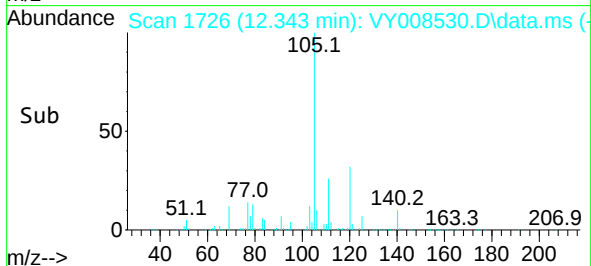
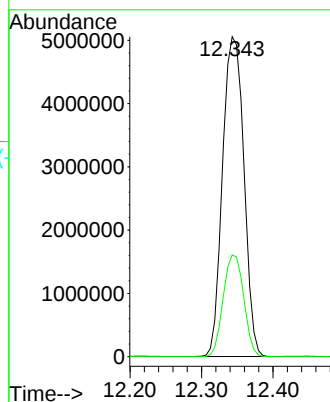
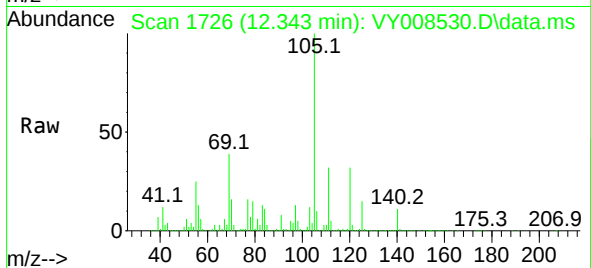
GT-08-(7.5-10)

Tgt Ion:105 Resp:10484458

Ion Ratio Lower Upper

105 100

120 30.5 13.4 40.2



#74

N-ethyl acetate

Concen: 308.066 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY008530.D

Acq: 27 Apr 2022 16:21

Tgt Ion: 43 Resp: 2950372

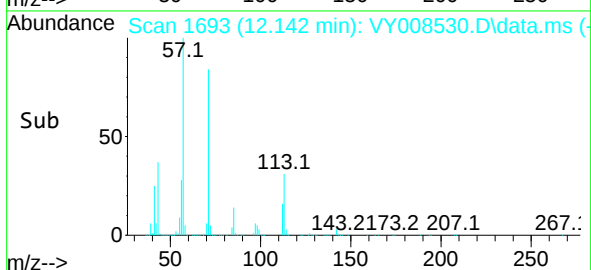
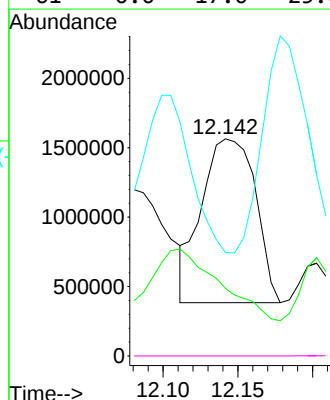
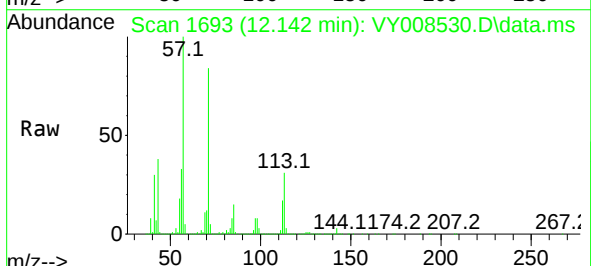
Ion Ratio Lower Upper

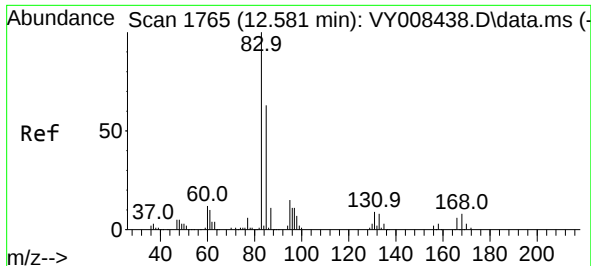
43 100

70 0.0 28.7 43.1#

55 0.0 17.3 25.9#

61 0.0 17.0 25.6#

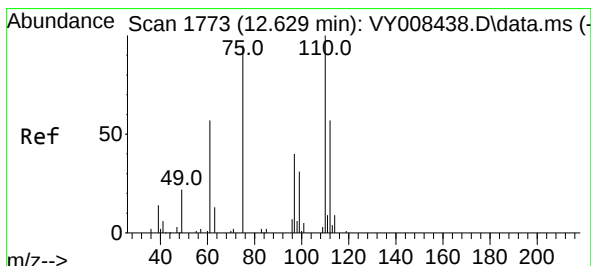
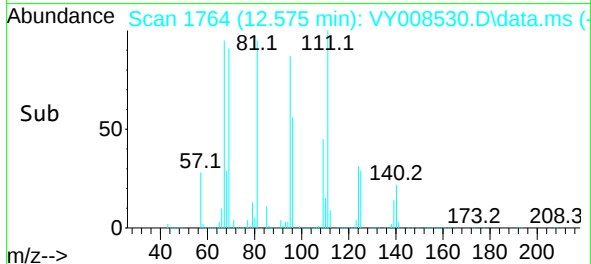
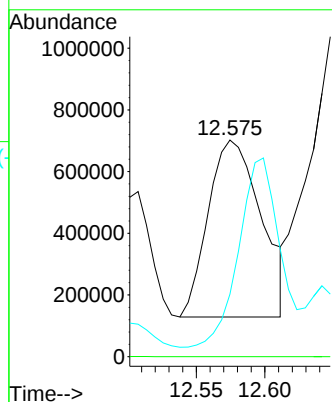
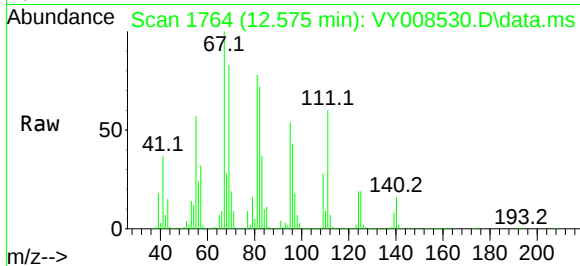




#75
1,1,2,2-Tetrachloroethane
Concen: 178.152 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

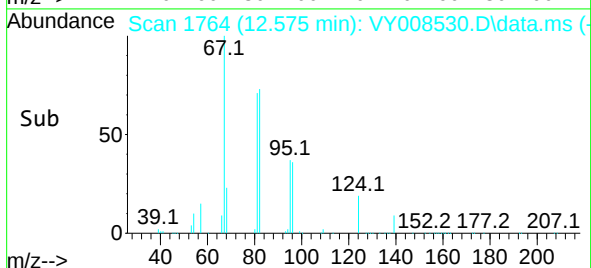
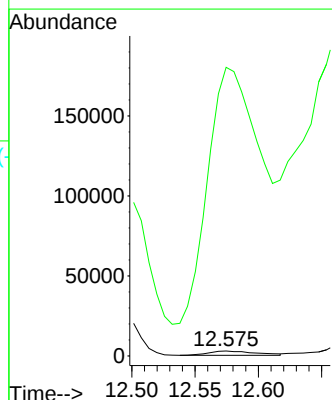
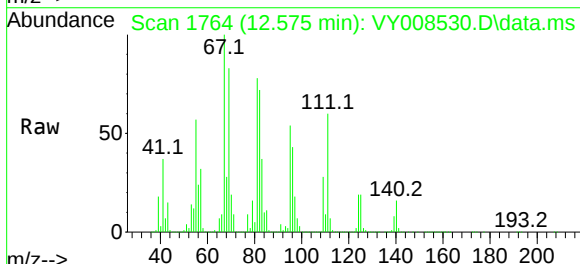
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)

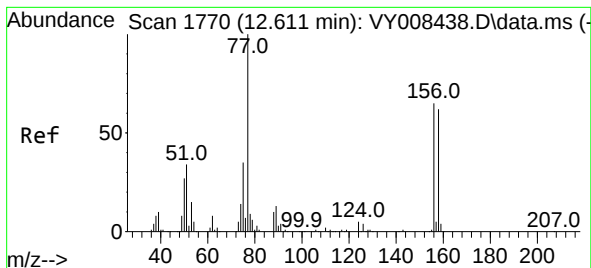
Tgt Ion: 83 Resp: 1542856
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 0.0 32.3 96.8#



#76
1,2,3-Trichloropropane
Concen: 1.042 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.054 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

Tgt Ion: 75 Resp: 6891
Ion Ratio Lower Upper
75 100
77 6697.8 0.0 0.0#





#77

Bromobenzene

Concen: 3.406 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. -0.012 min

Lab File: VY008530.D

Acq: 27 Apr 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

GT-08-(7.5-10)

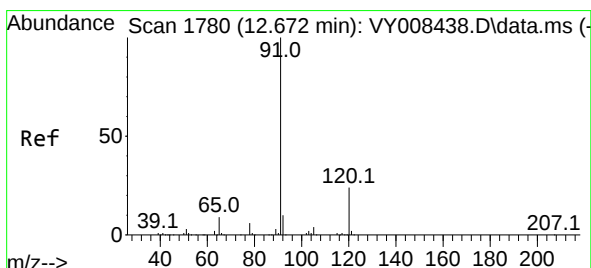
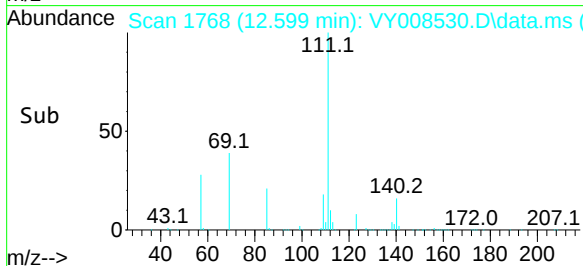
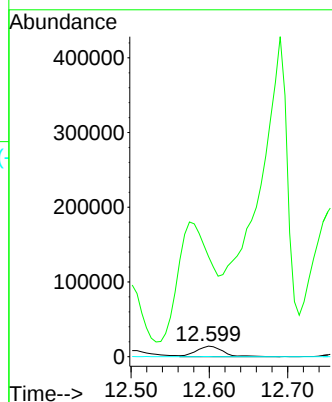
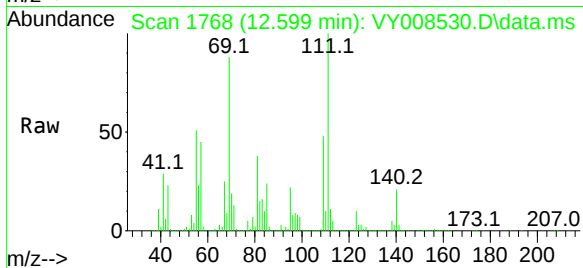
Tgt Ion:156 Resp: 32192

Ion Ratio Lower Upper

156 100

77 0.0 95.5 286.4#

158 1.2 48.0 144.0#



#78

n-propylbenzene

Concen: 268.171 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.018 min

Lab File: VY008530.D

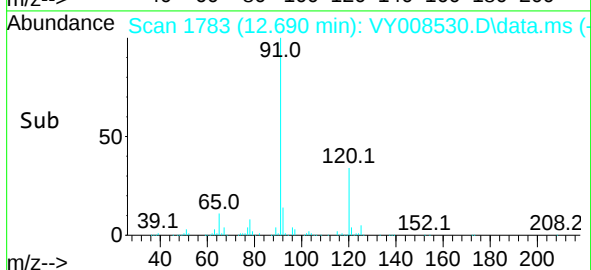
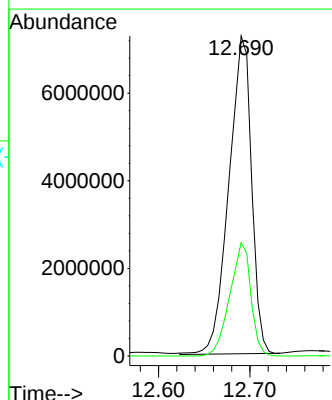
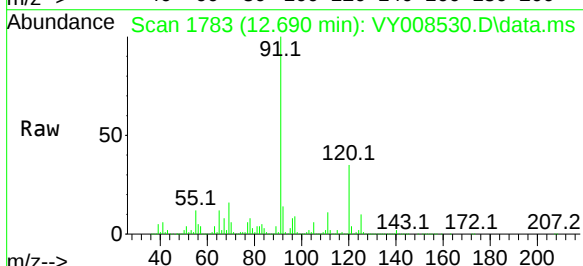
Acq: 27 Apr 2022 16:21

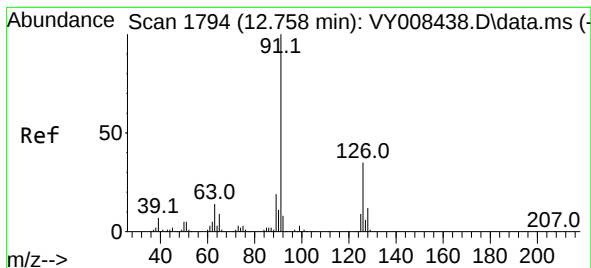
Tgt Ion: 91 Resp:12467755

Ion Ratio Lower Upper

91 100

120 33.1 11.3 33.9





#79

2-Chlorotoluene

Concen: 476.473 ug/l

RT: 12.690 min Scan# 1

Delta R.T. -0.068 min

Lab File: VY008530.D

Acq: 27 Apr 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

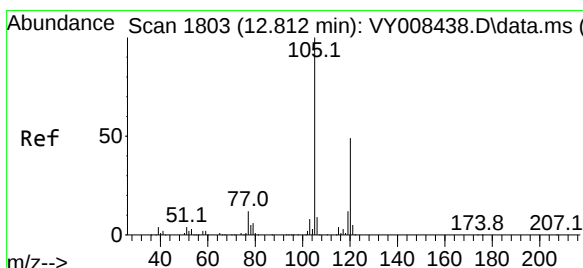
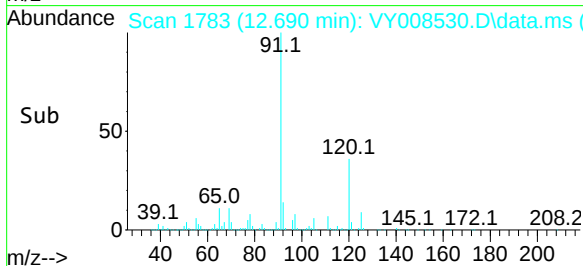
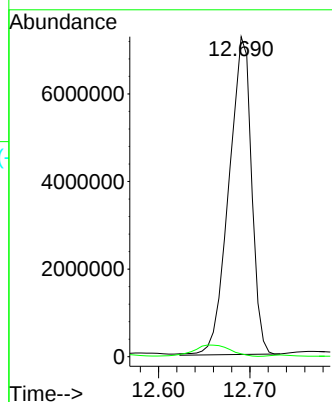
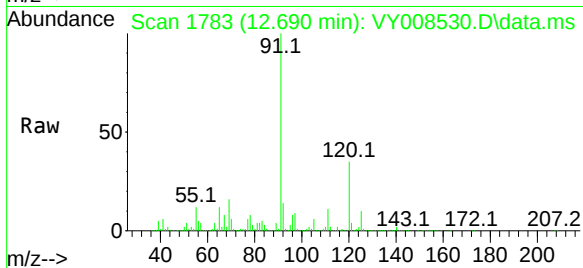
GT-08-(7.5-10)

Tgt Ion: 91 Resp:12467755

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.6#



#80

1,3,5-Trimethylbenzene

Concen: 2.231 ug/l

RT: 12.782 min Scan# 1798

Delta R.T. -0.030 min

Lab File: VY008530.D

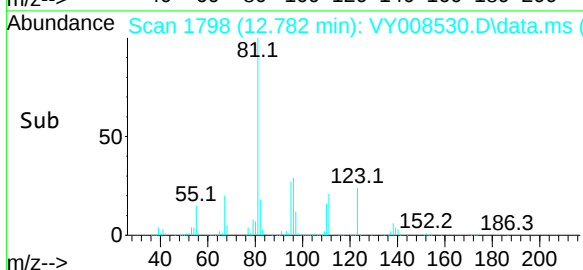
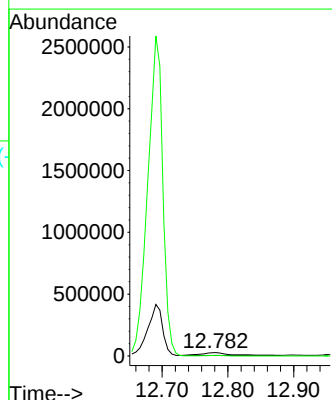
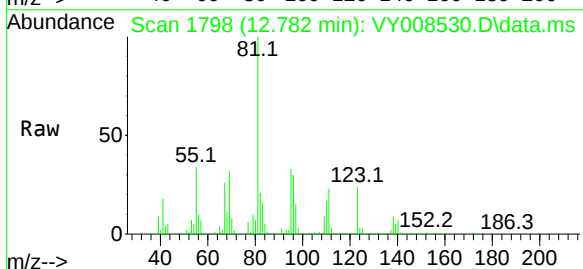
Acq: 27 Apr 2022 16:21

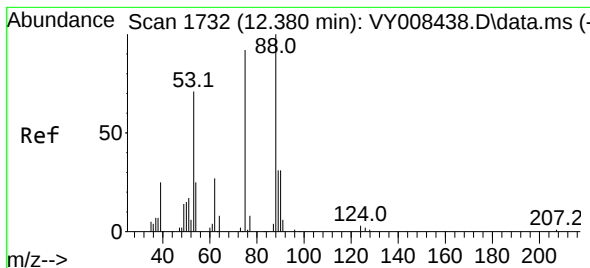
Tgt Ion:105 Resp: 71792

Ion Ratio Lower Upper

105 100

120 0.0 24.4 73.4#

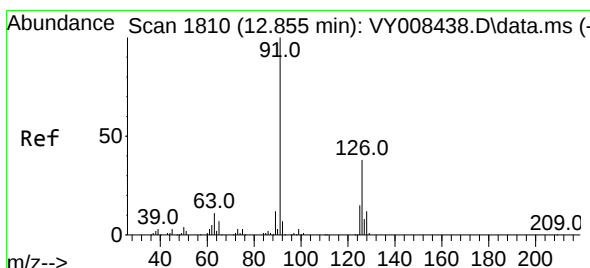
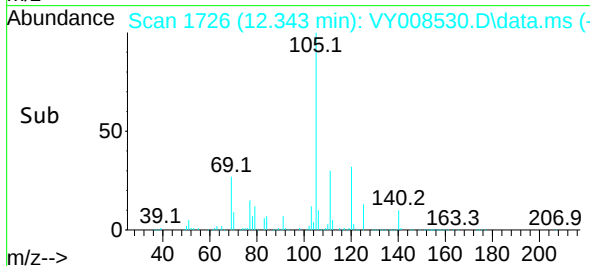
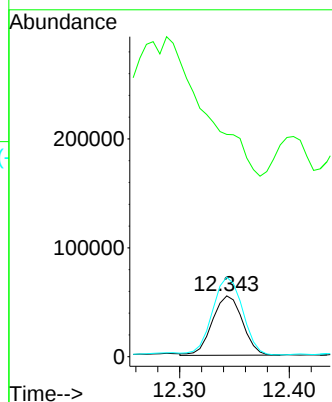
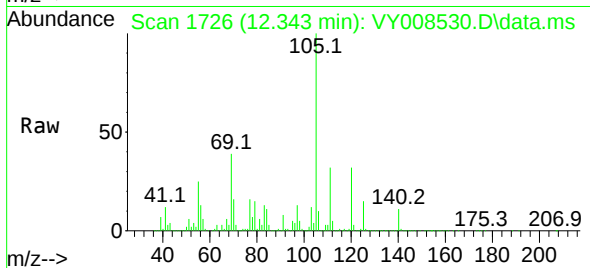




#81
trans-1,4-Dichloro-2-butene
Concen: 36.511 ug/l
RT: 12.343 min Scan# 1783
Delta R.T. -0.037 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

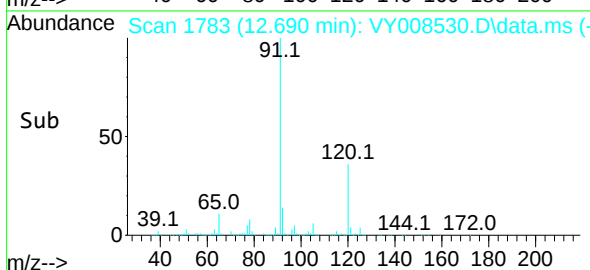
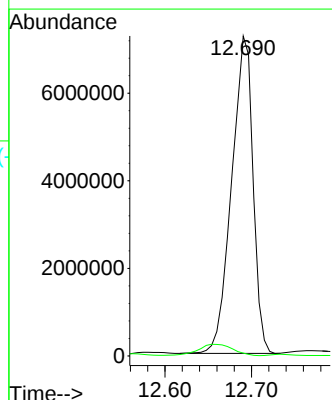
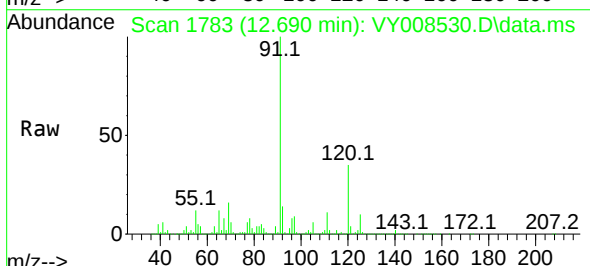
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)

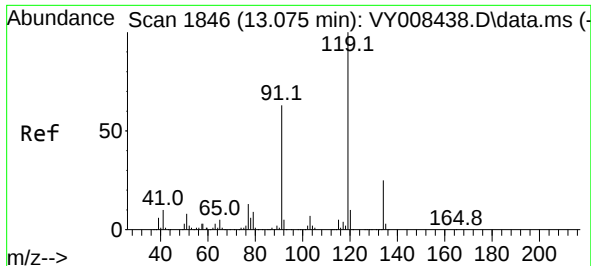
Tgt Ion: 75 Resp: 104123
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 130.9 37.0 55.4#



#82
4-Chlorotoluene
Concen: 457.289 ug/l
RT: 12.690 min Scan# 1783
Delta R.T. -0.165 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

Tgt Ion: 91 Resp:12399654
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#

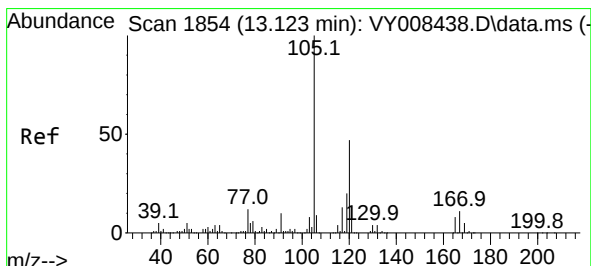
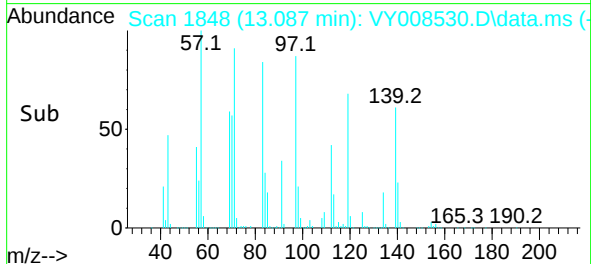
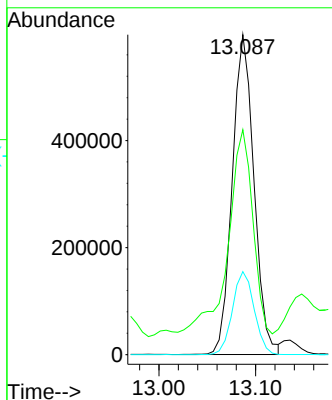
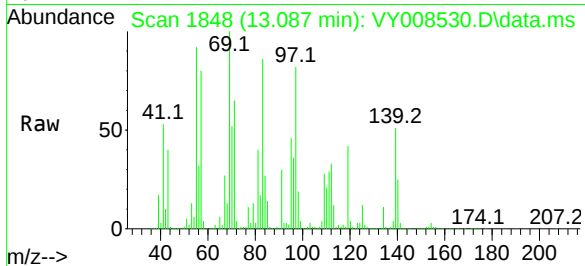




#83
tert-Butylbenzene
Concen: 33.424 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. 0.012 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

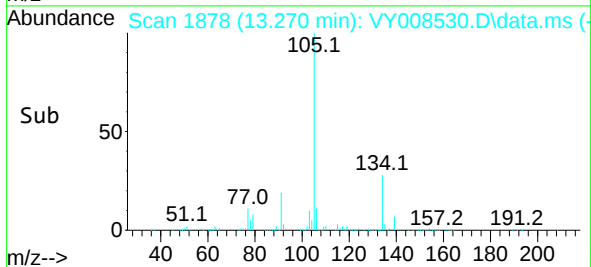
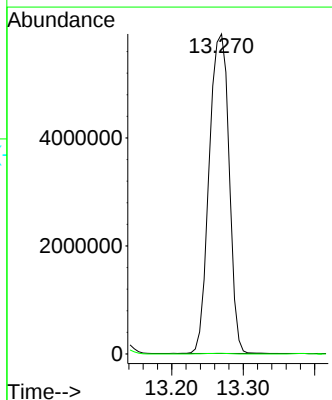
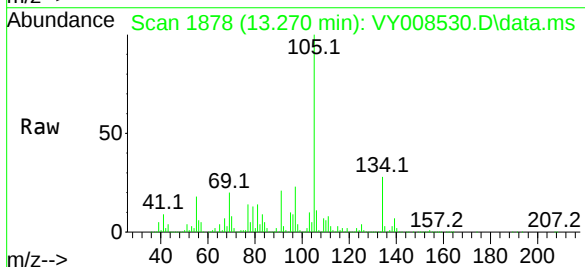
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)

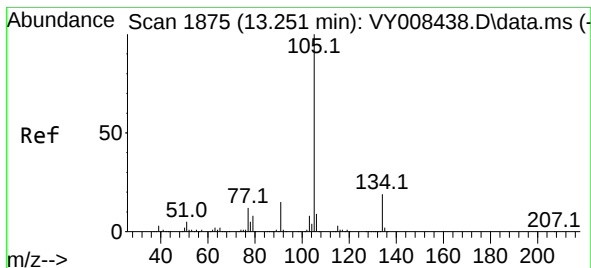
Tgt Ion:119 Resp: 933487
Ion Ratio Lower Upper
119 100
91 72.0 34.8 104.4
134 25.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 358.444 ug/l
RT: 13.270 min Scan# 1878
Delta R.T. 0.147 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

Tgt Ion:105 Resp:11442281
Ion Ratio Lower Upper
105 100
120 0.2 22.3 66.9#





#85

sec-Butylbenzene

Concen: 271.469 ug/l

RT: 13.270 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY008530.D

Acq: 27 Apr 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

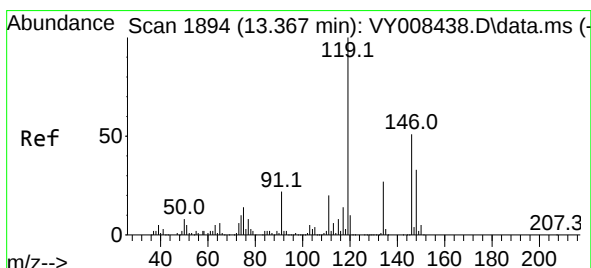
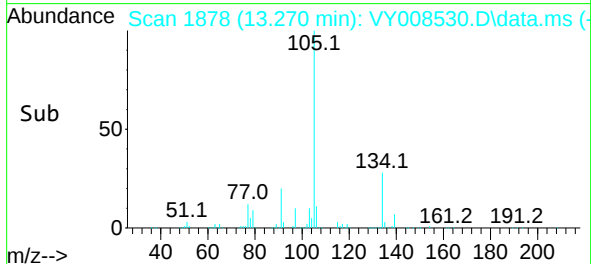
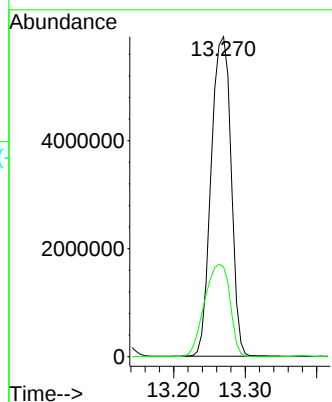
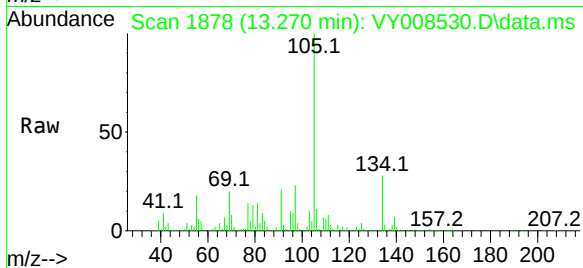
GT-08-(7.5-10)

Tgt Ion:105 Resp:11442281

Ion Ratio Lower Upper

105 100

134 36.9 10.2 30.4#



#86

p-Isopropyltoluene

Concen: 40.723 ug/l

RT: 13.538 min Scan# 1922

Delta R.T. 0.171 min

Lab File: VY008530.D

Acq: 27 Apr 2022 16:21

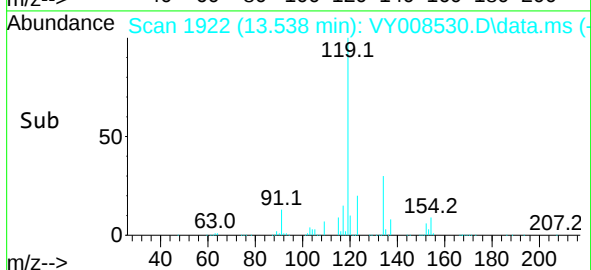
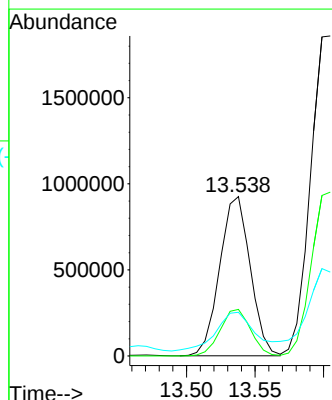
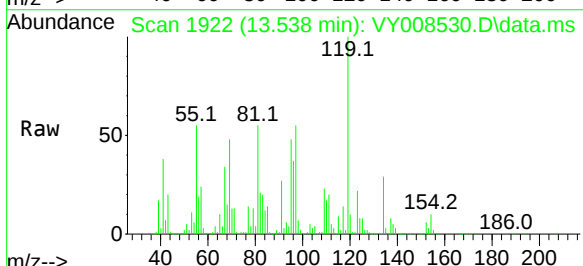
Tgt Ion:119 Resp: 1437498

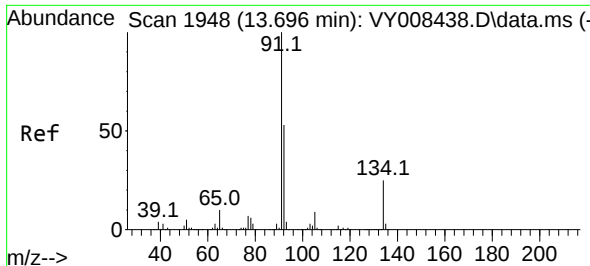
Ion Ratio Lower Upper

119 100

134 29.3 13.2 39.5

91 29.8 12.4 37.2

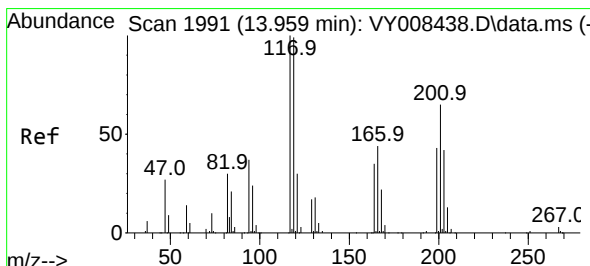
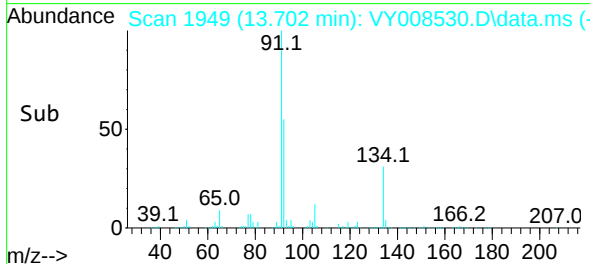
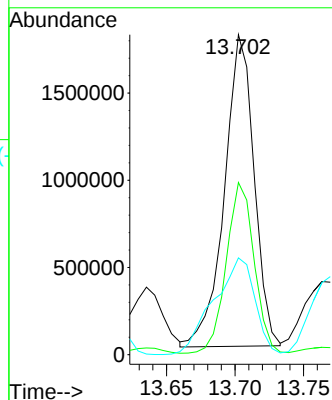
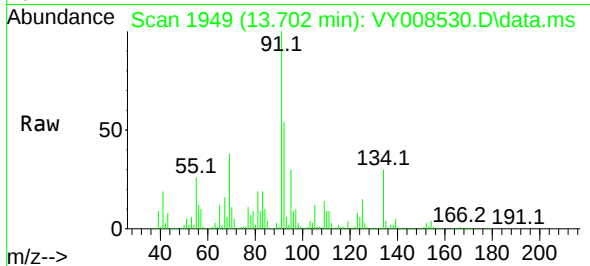




#89
n-Butylbenzene
Concen: 83.916 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

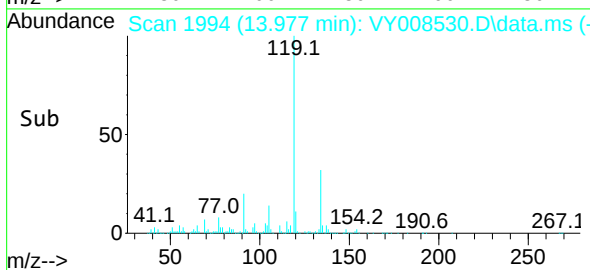
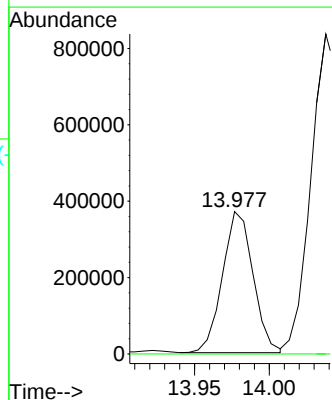
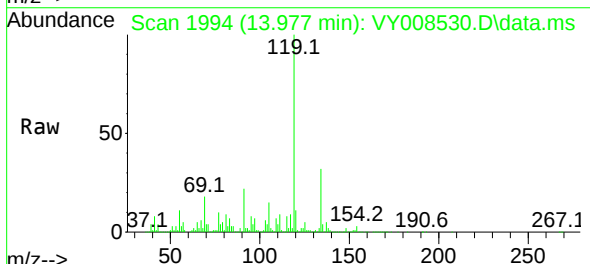
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)

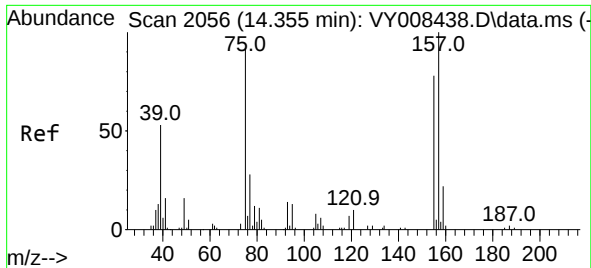
Tgt Ion: 91 Resp: 2688543
Ion Ratio Lower Upper
91 100
92 51.9 26.3 78.9
134 43.0 13.0 38.9#



#90
Hexachloroethane
Concen: 82.915 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.018 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

Tgt Ion: 117 Resp: 526201
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.483 ug/l

RT: 14.385 min Scan# 2056

Delta R.T. 0.030 min

Lab File: VY008530.D

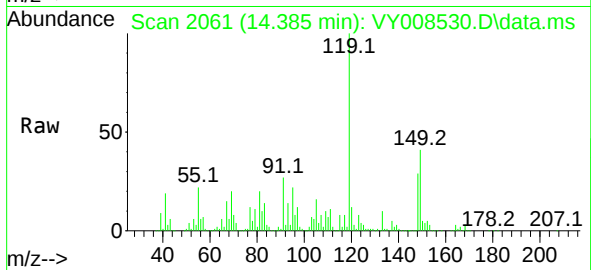
Acq: 27 Apr 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

GT-08-(7.5-10)



Tgt Ion: 75 Resp: 3231

Ion Ratio Lower Upper

75 100

155 0.0 38.0 113.9#

157 0.0 47.8 143.3#

