

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082522\
 Data File : VY010201.D
 Acq On : 25 Aug 2022 12:38
 Operator : KP/MD
 Sample : VY0825SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBS01

Quant Time: Aug 26 06:45:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082422S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:12:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	180097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	142355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	274874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147405	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77974	51.660	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.320%	
35) Dibromofluoromethane	7.710	113	85457	91.558	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 183.120%#	
50) Toluene-d8	10.179	98	283149	87.417	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 174.840%#	
62) 4-Bromofluorobenzene	12.477	95	117376	94.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 189.180%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	22803	16.249	ug/l	96
3) Chloromethane	2.107	50	26931	17.720	ug/l	99
4) Vinyl Chloride	2.241	62	29699	17.912	ug/l	98
5) Bromomethane	2.631	94	26001	19.471	ug/l	97
6) Chloroethane	2.777	64	22089	18.717	ug/l	97
7) Trichlorofluoromethane	3.101	101	34461	19.089	ug/l	93
8) Diethyl Ether	3.521	74	20976	19.193	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.887	101	36688	19.543	ug/l	93
10) Methyl Iodide	4.076	142	34081	16.535	ug/l	89
11) Tert butyl alcohol	4.942	59	20322	97.126	ug/l	96
12) 1,1-Dichloroethene	3.857	96	30407	18.143	ug/l	89
13) Acrolein	3.716	56	8999	115.443	ug/l	99
14) Allyl chloride	4.466	41	56249	19.058	ug/l	88
15) Acrylonitrile	5.149	53	60102	101.905	ug/l	98
16) Acetone	3.942	43	45657	93.375	ug/l #	89
17) Carbon Disulfide	4.186	76	67776	15.883	ug/l	98
18) Methyl Acetate	4.466	43	32248	21.068	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	98350	19.870	ug/l	98
20) Methylene Chloride	4.704	84	48329	16.371	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	35280	18.181	ug/l	87
22) Diisopropyl ether	6.112	45	139023	21.125	ug/l	94
23) Vinyl Acetate	6.051	43	404589	104.740	ug/l	97
24) 1,1-Dichloroethane	6.003	63	73703	19.656	ug/l	99
25) 2-Butanone	6.978	43	79826	98.323	ug/l	93
26) 2,2-Dichloropropane	6.972	77	61732	17.843	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	44433	18.975	ug/l	90
28) Bromochloromethane	7.325	49	25215	20.018	ug/l	95
29) Tetrahydrofuran	7.338	42	52153	106.324	ug/l	96
30) Chloroform	7.496	83	76566	19.699	ug/l	99
31) Cyclohexane	7.777	56	55592	18.108	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	63136	19.343	ug/l	96
36) 1,1-Dichloropropene	7.911	75	50974	37.133	ug/l	96
37) Ethyl Acetate	7.063	43	36434	41.523	ug/l	98
38) Carbon Tetrachloride	7.892	117	55271	38.014	ug/l	95
39) Methylcyclohexane	9.179	83	25183	16.542	ug/l	87
40) Benzene	8.155	78	160100	38.105	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	48265	110.237	ug/l #	16
42) 1,2-Dichloroethane	8.228	62	45931	39.330	ug/l	90
43) Isopropyl Acetate	8.270	43	63741	41.744	ug/l	93
44) Trichloroethene	8.935	130	21709	18.722	ug/l	100
45) 1,2-Dichloropropane	9.209	63	18748	16.988	ug/l	95
46) Dibromomethane	9.301	93	11820	19.415	ug/l	97
47) Bromodichloromethane	9.490	83	30861	20.595	ug/l	97
48) Methyl methacrylate	9.289	41	11047	16.832	ug/l #	83
49) 1,4-Dioxane	9.295	88	2610	368.616	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	181729	217.275	ug/l	93
52) Toluene	10.240	92	103391	39.285	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	59215	39.884	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	67565	39.282	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	37112	40.178	ug/l	99
56) Ethyl methacrylate	10.508	69	46079	40.854	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	61445	40.993	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	69114	150.634	ug/l	93
59) 2-Hexanone	10.831	43	123101	217.460	ug/l	90
60) Dibromochloromethane	10.983	129	43007	39.491	ug/l	100
61) 1,2-Dibromoethane	11.087	107	34142	40.183	ug/l	99
64) Tetrachloroethene	10.715	164	42383	18.725	ug/l	97
65) Chlorobenzene	11.514	112	116438	19.438	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	43571	19.095	ug/l	96
67) Ethyl Benzene	11.587	91	200574	19.482	ug/l	99
68) m/p-Xylenes	11.697	106	155128	39.243	ug/l	94
69) o-Xylene	12.026	106	73517	19.486	ug/l	92
70) Styrene	12.044	104	128790	19.942	ug/l	94
71) Bromoform	12.203	173	28321	19.660	ug/l #	99
73) Isopropylbenzene	12.331	105	199356	19.606	ug/l	99
74) N-amyl acetate	12.142	43	58618	21.066	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	46122	20.625	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	56731	34.944	ug/l #	100
77) Bromobenzene	12.605	156	48326	19.241	ug/l	98
78) n-propylbenzene	12.672	91	253742	20.058	ug/l	100
79) 2-Chlorotoluene	12.751	91	142304	19.985	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	173693	20.097	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	15150	19.842	ug/l	88
82) 4-Chlorotoluene	12.855	91	147821	19.849	ug/l	98
83) tert-Butylbenzene	13.074	119	150044	20.206	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	172111	20.129	ug/l	98
85) sec-Butylbenzene	13.251	105	231612	20.486	ug/l	100
86) p-Isopropyltoluene	13.367	119	186984	20.279	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	100728	19.700	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	100660	19.521	ug/l	99
89) n-Butylbenzene	13.696	91	181161	20.478	ug/l	99
90) Hexachloroethane	13.958	117	39716	20.407	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	89748	19.631	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7165	23.217	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	52715	21.988	ug/l	98
94) Hexachlorobutadiene	15.111	225	32638	25.513	ug/l	99
95) Naphthalene	15.233	128	104867	21.988	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	47058	22.279	ug/l	99

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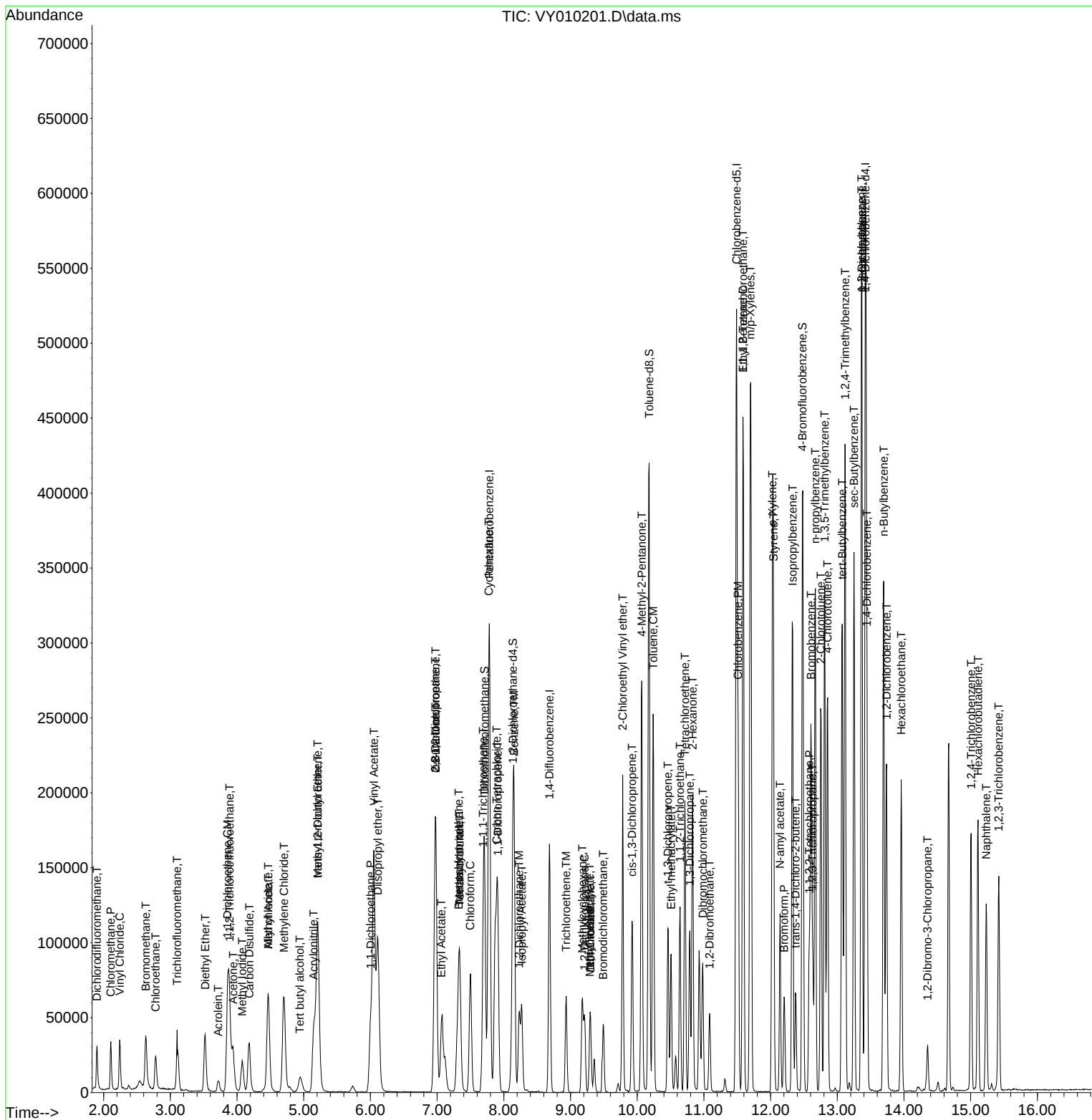
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

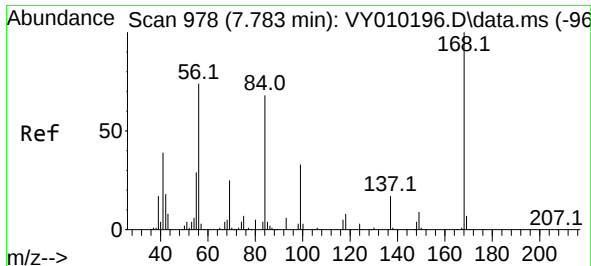
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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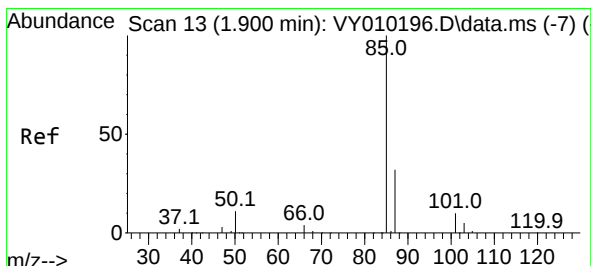
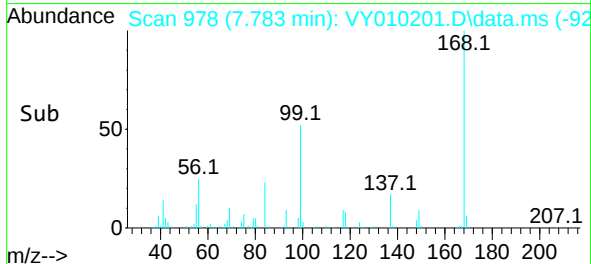
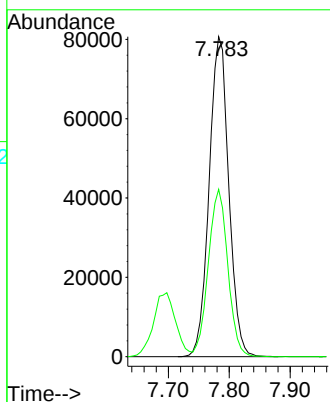
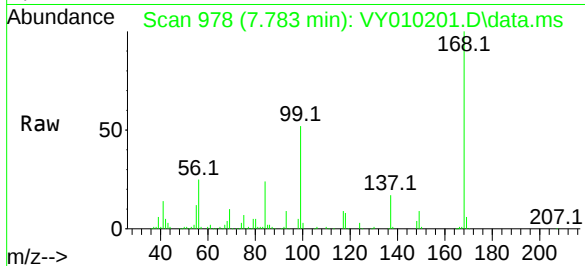




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010201.D
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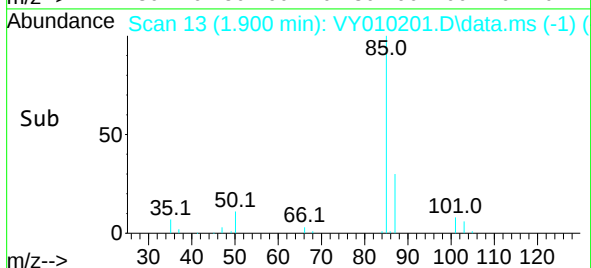
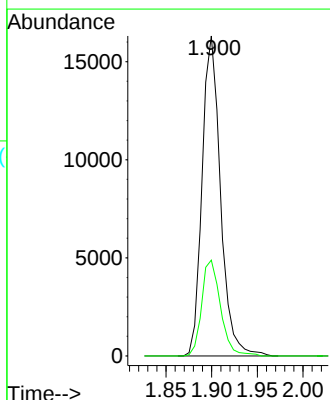
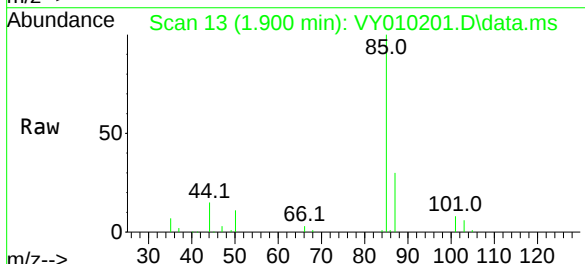
Instrument :
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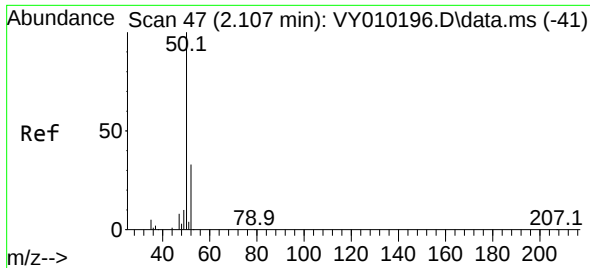
Tgt Ion:168 Resp: 180097
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 16.249 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion: 85 Resp: 22803
Ion Ratio Lower Upper
85 100
87 29.9 16.1 48.2

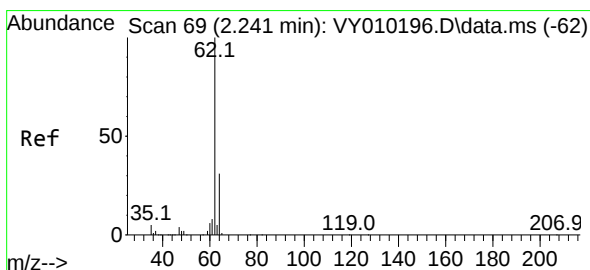
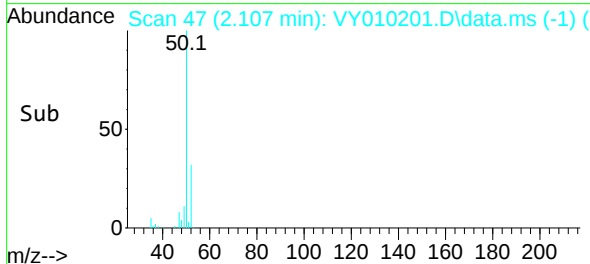
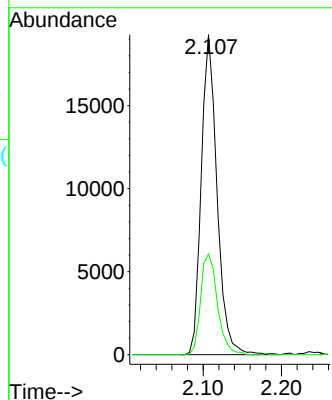
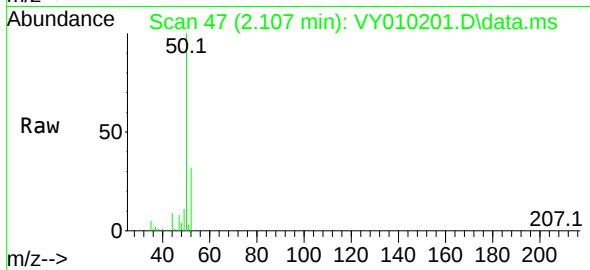




#3
Chloromethane
Concen: 17.720 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

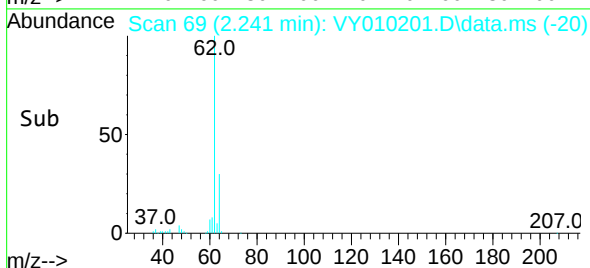
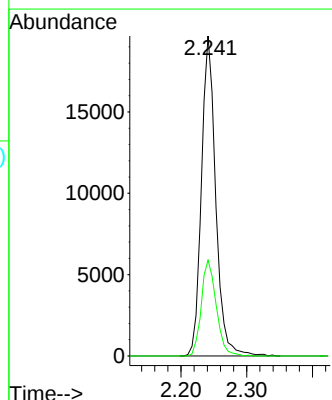
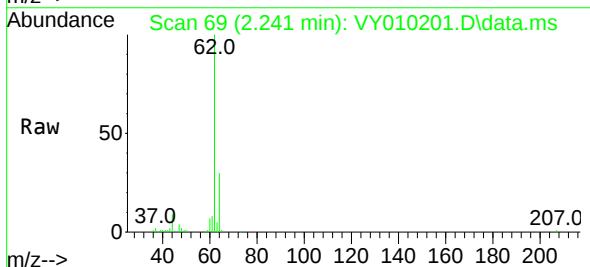
Instrument :
MSVOA_Y
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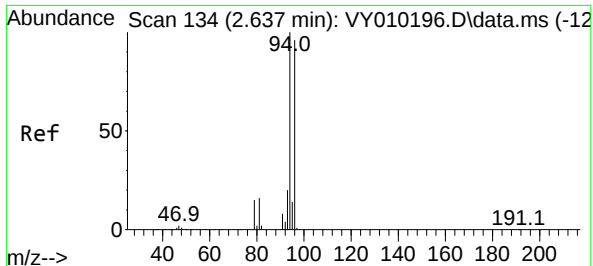
Tgt Ion: 50 Resp: 26931
Ion Ratio Lower Upper
50 100
52 31.5 24.6 37.0



#4
Vinyl Chloride
Concen: 17.912 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion: 62 Resp: 29699
Ion Ratio Lower Upper
62 100
64 29.9 25.0 37.6





#5

Bromomethane

Concen: 19.471 ug/l

RT: 2.631 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

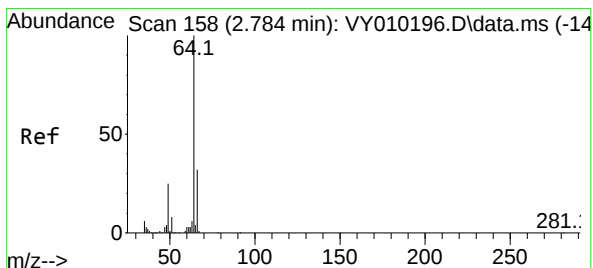
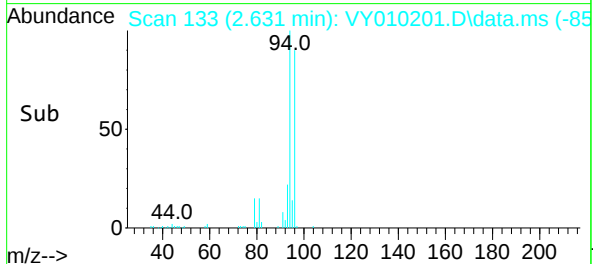
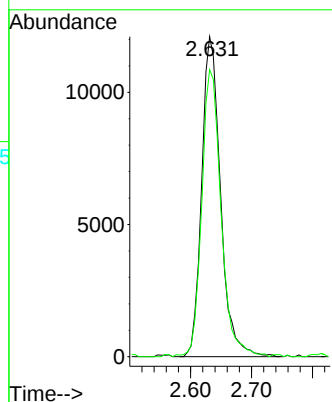
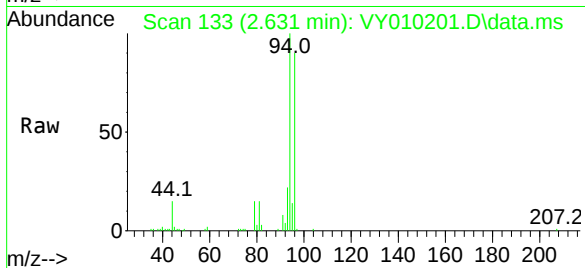
VY0825SBS01

Tgt Ion: 94 Resp: 26001

Ion Ratio Lower Upper

94 100

96 89.2 73.5 110.3



#6

Chloroethane

Concen: 18.717 ug/l

RT: 2.777 min Scan# 157

Delta R.T. -0.007 min

Lab File: VY010201.D

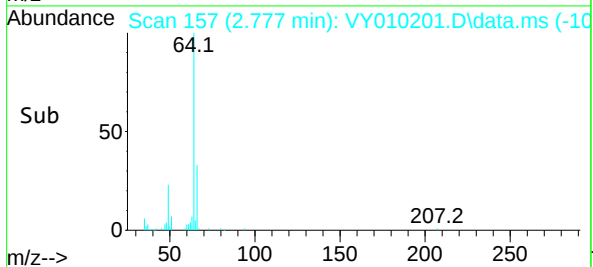
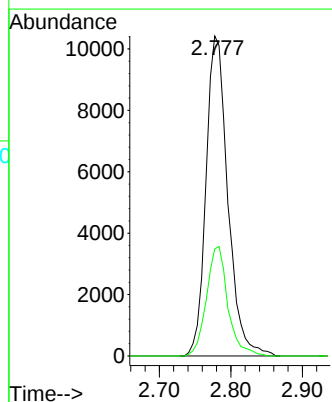
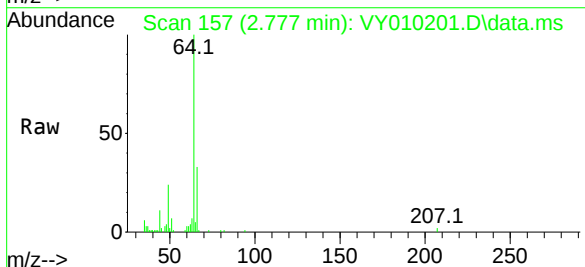
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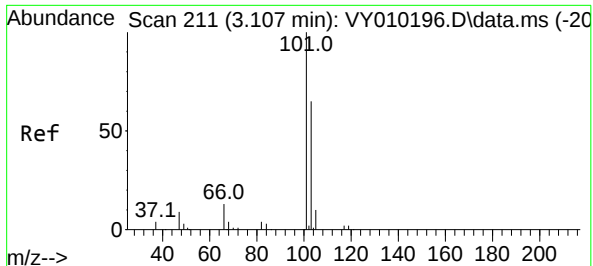
Tgt Ion: 64 Resp: 22089

Ion Ratio Lower Upper

64 100

66 33.4 25.4 38.0

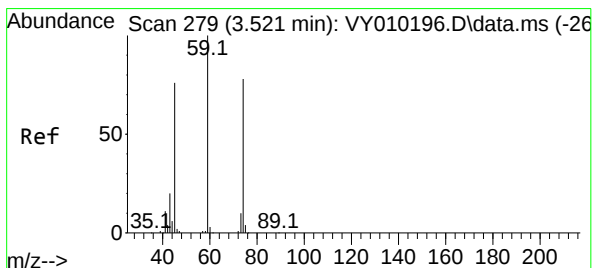
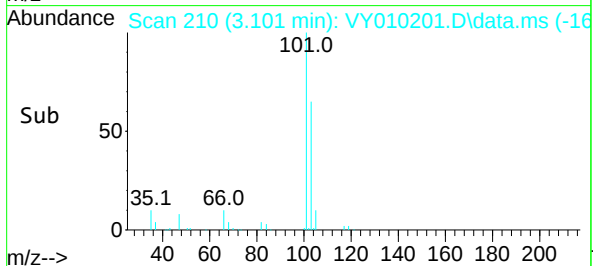
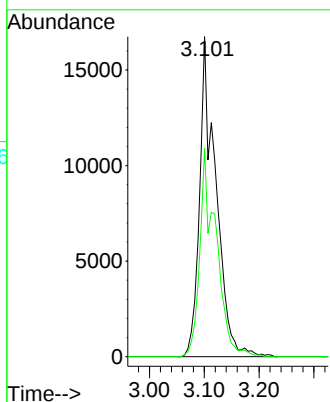
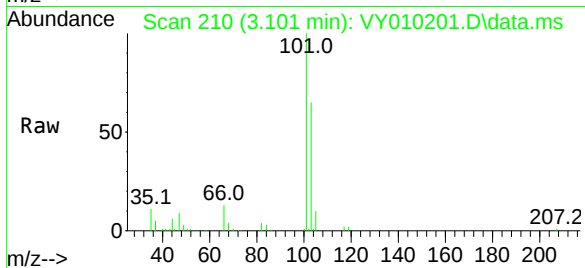




#7
 Trichlorofluoromethane
 Concen: 19.089 ug/l
 RT: 3.101 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VY010201.D
 Acq: 25 Aug 2022 12:38

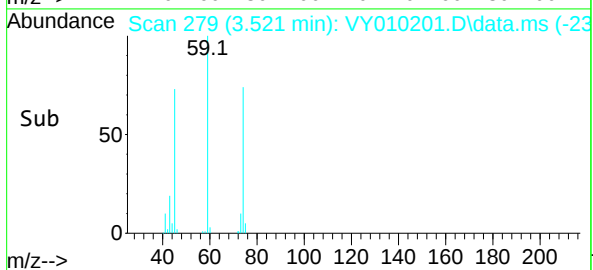
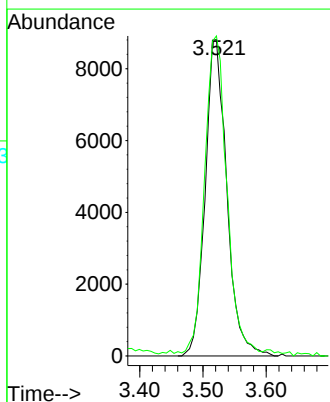
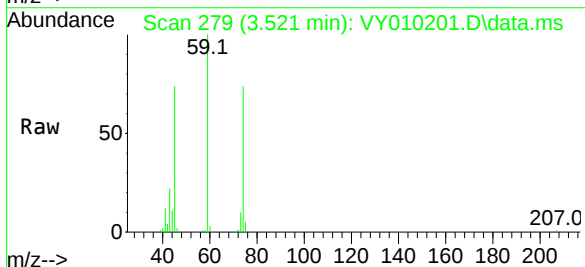
Instrument :
 MSVOA_Y
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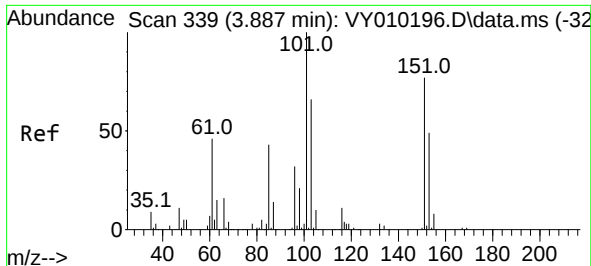
Tgt Ion:101 Resp: 34461
 Ion Ratio Lower Upper
 101 100
 103 65.2 48.0 72.0



#8
 Diethyl Ether
 Concen: 19.193 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY010201.D
 Acq: 25 Aug 2022 12:38

Tgt Ion: 74 Resp: 20976
 Ion Ratio Lower Upper
 74 100
 45 101.5 55.1 165.5

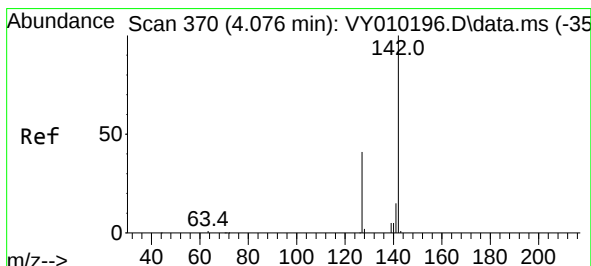
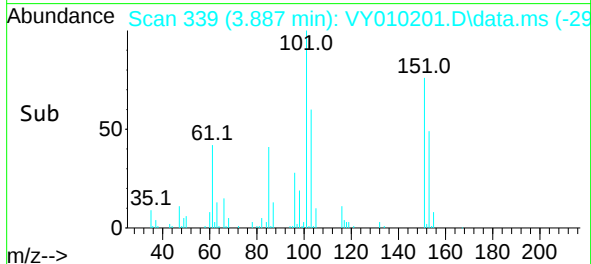
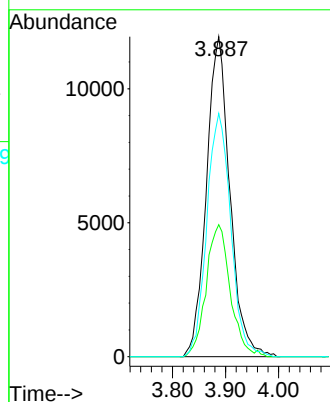
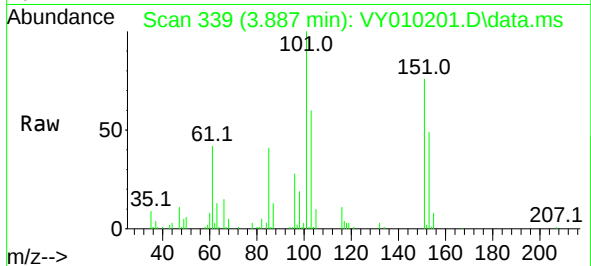




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.543 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

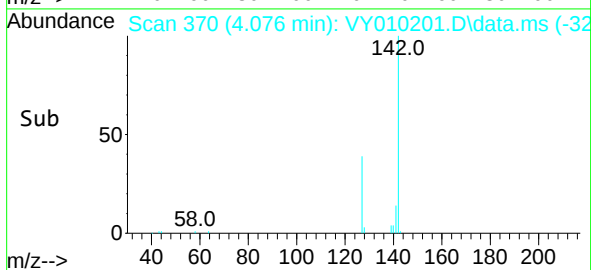
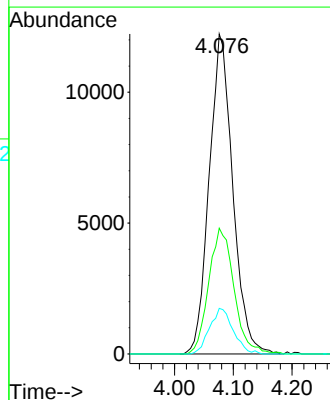
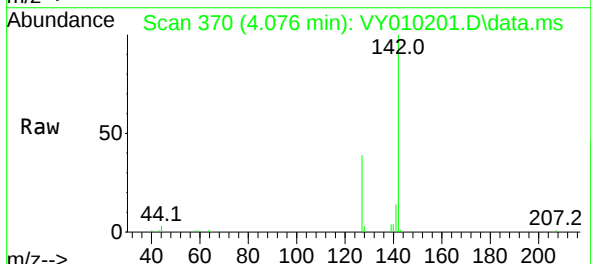
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

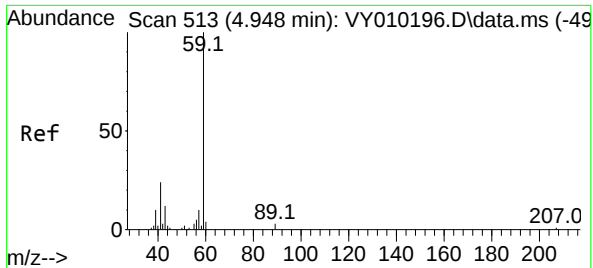
Tgt Ion:101 Resp: 36688
Ion Ratio Lower Upper
101 100
85 42.5 40.6 60.8
151 78.0 64.9 97.3



#10
Methyl Iodide
Concen: 16.535 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion:142 Resp: 34081
Ion Ratio Lower Upper
142 100
127 42.2 41.5 62.3
141 14.3 11.9 17.9

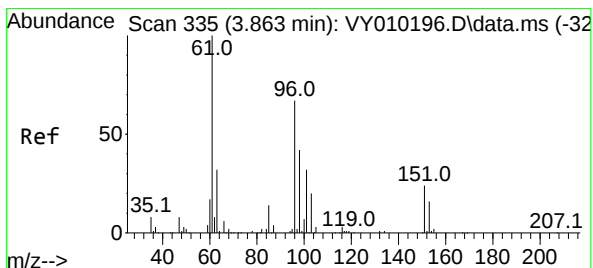
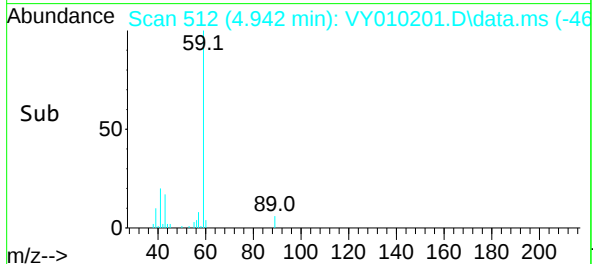
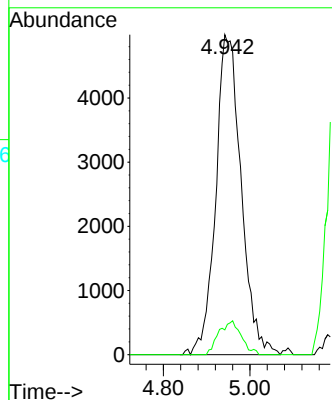
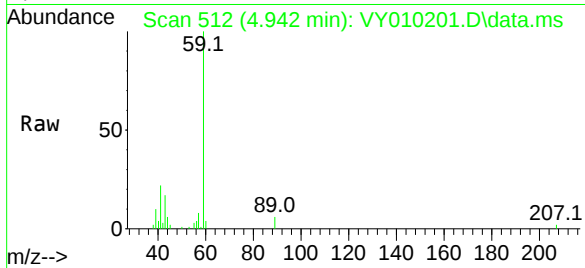




#11
Tert butyl alcohol
Concen: 97.126 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

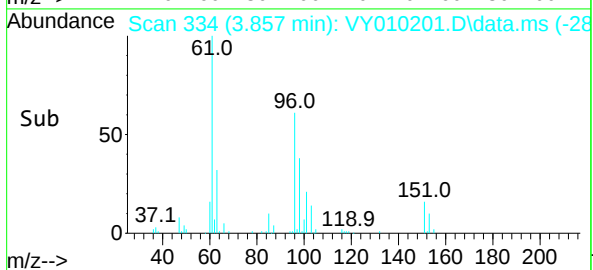
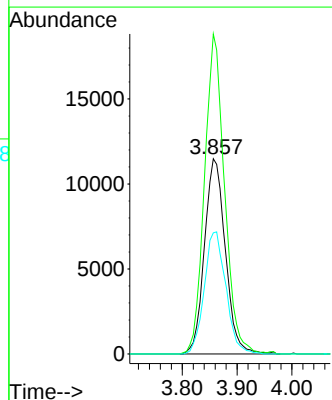
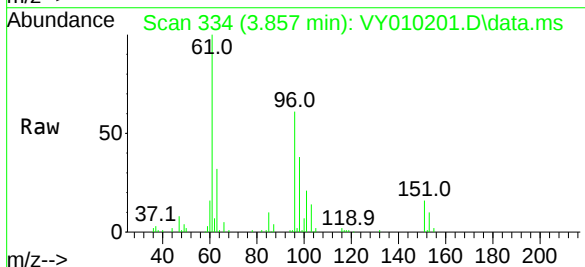
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

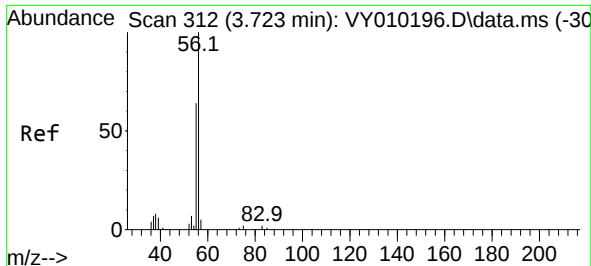
Tgt Ion: 59 Resp: 20322
Ion Ratio Lower Upper
59 100
57 9.3 6.4 9.6



#12
1,1-Dichloroethene
Concen: 18.143 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion: 96 Resp: 30407
Ion Ratio Lower Upper
96 100
61 163.9 145.8 218.6
98 62.1 52.5 78.7





#13

Acrolein

Concen: 115.443 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.007 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

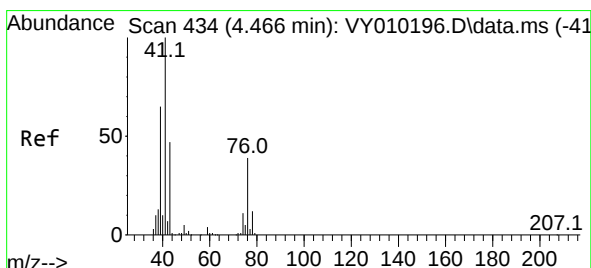
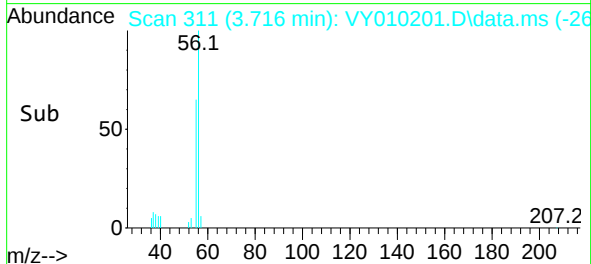
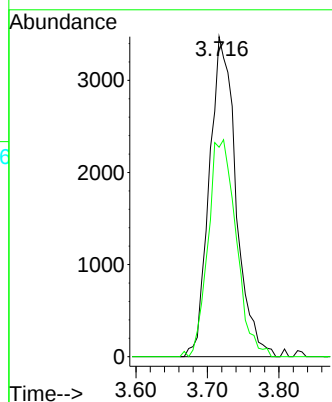
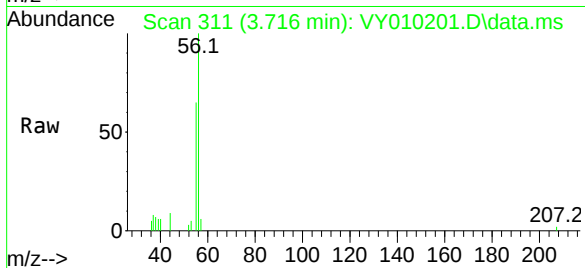
VY0825SBS01

Tgt Ion: 56 Resp: 8999

Ion Ratio Lower Upper

56 100

55 71.4 57.6 86.4



#14

Allyl chloride

Concen: 19.058 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

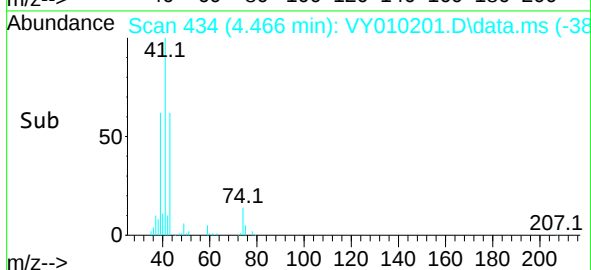
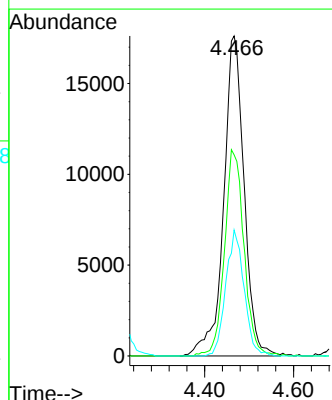
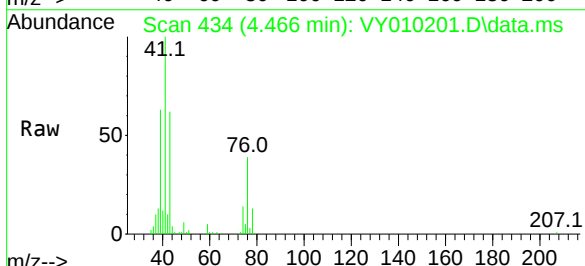
Tgt Ion: 41 Resp: 56249

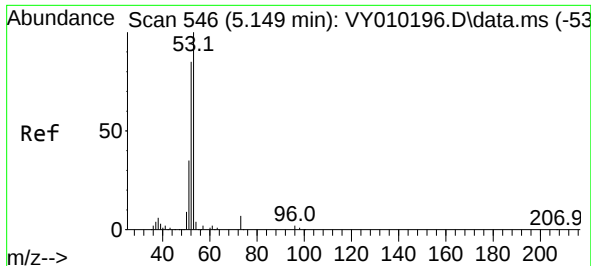
Ion Ratio Lower Upper

41 100

39 61.4 58.8 88.2

76 35.2 25.1 37.7

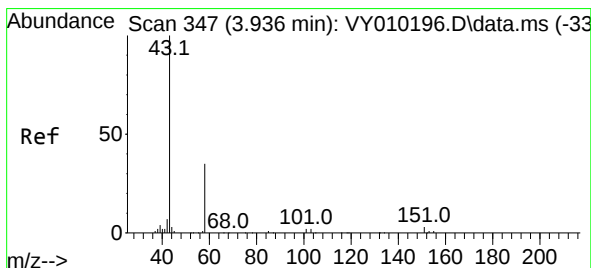
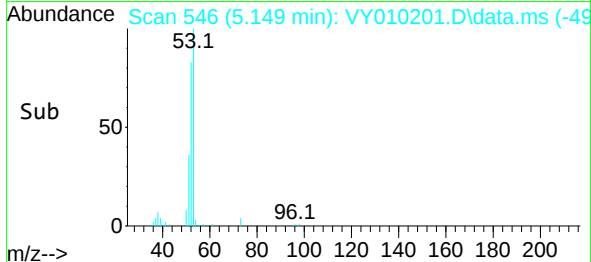
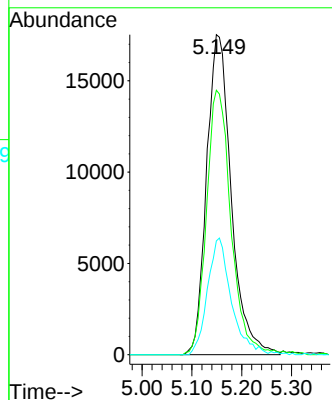
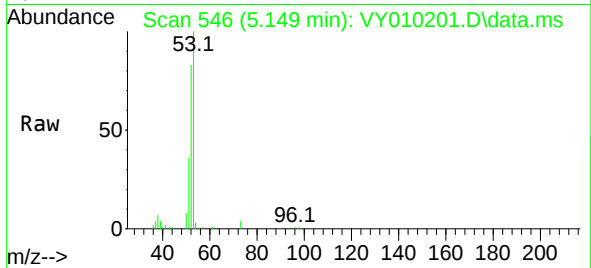




#15
Acrylonitrile
Concen: 101.905 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

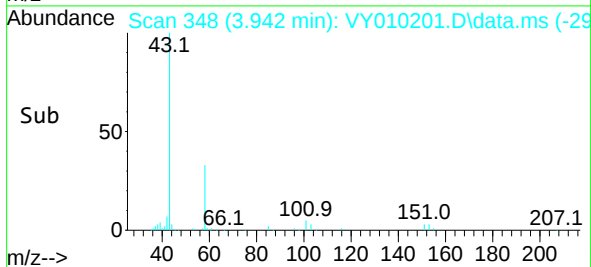
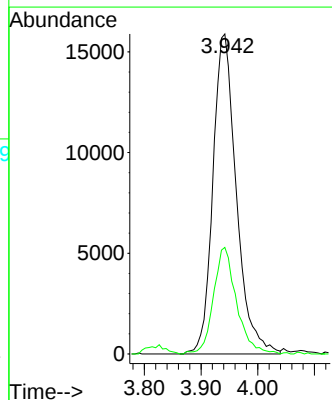
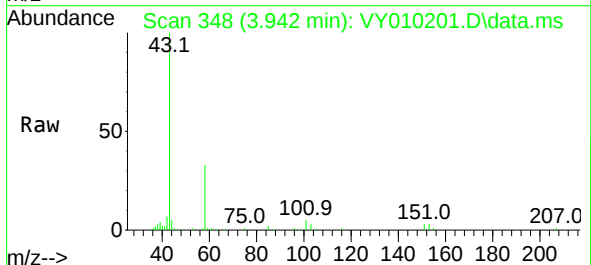
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

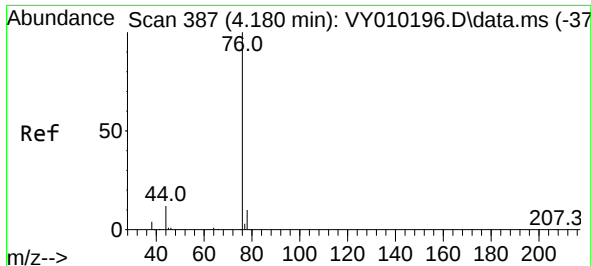
Tgt Ion: 53 Resp: 60102
Ion Ratio Lower Upper
53 100
52 82.0 67.0 100.4
51 35.1 29.8 44.6



#16
Acetone
Concen: 93.375 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion: 43 Resp: 45657
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#

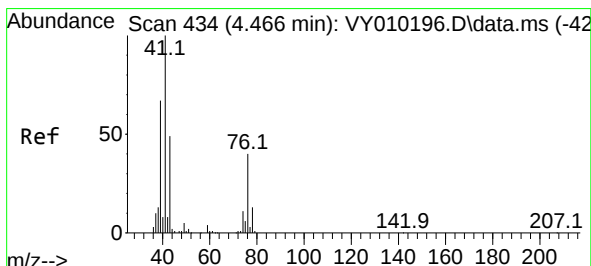
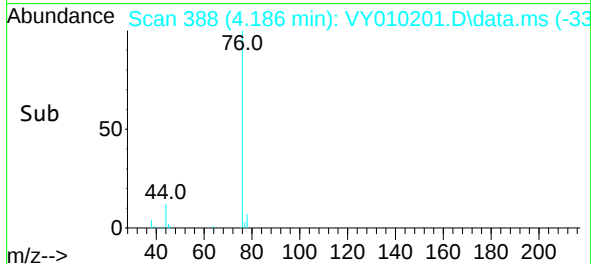
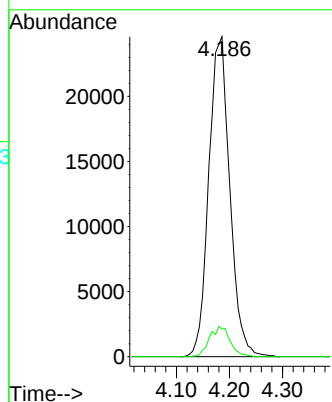
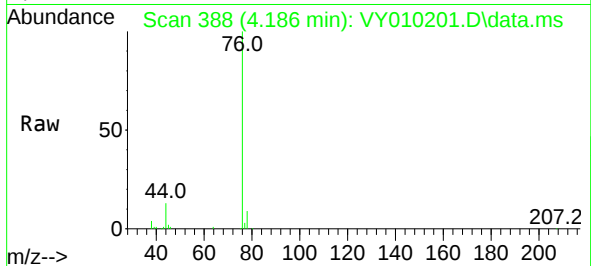




#17
Carbon Disulfide
Concen: 15.883 ug/l
RT: 4.186 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

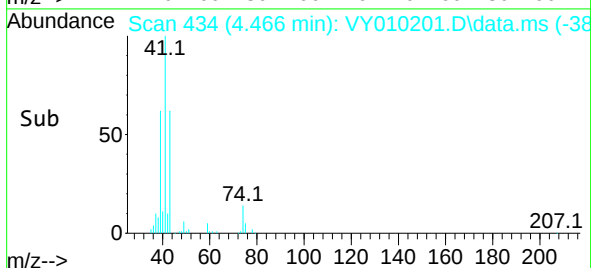
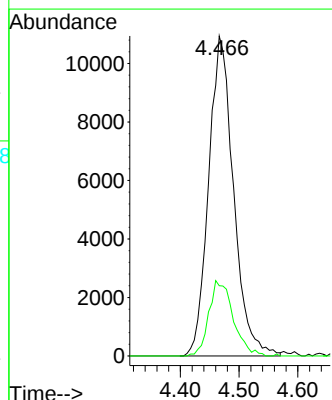
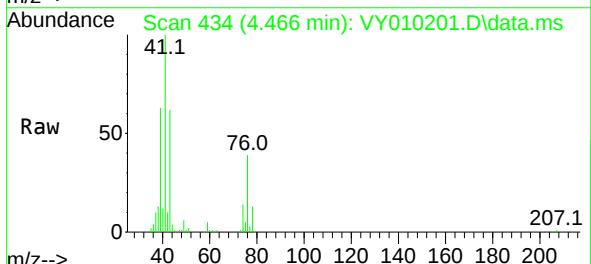
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

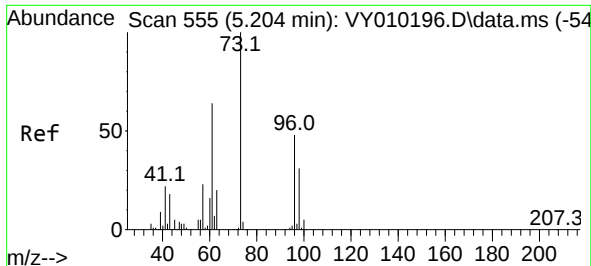
Tgt Ion: 76 Resp: 67776
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 21.068 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion: 43 Resp: 32248
Ion Ratio Lower Upper
43 100
74 22.9 16.6 24.8

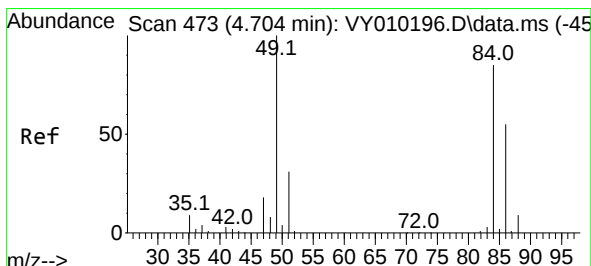
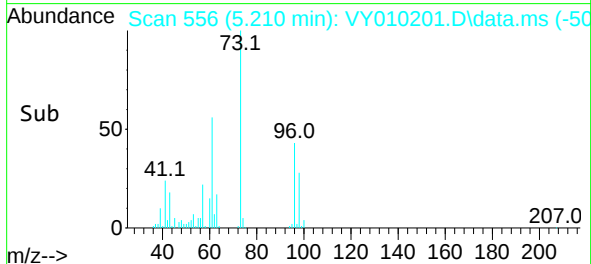
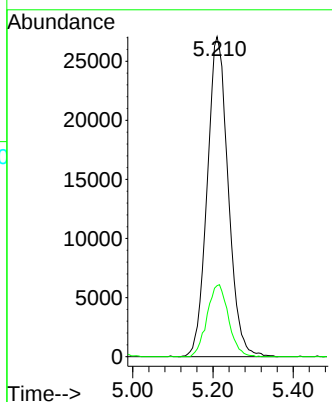
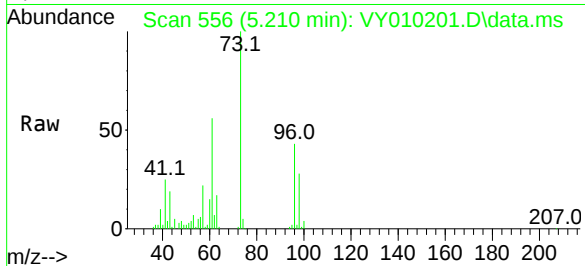




#19
Methyl tert-butyl Ether
Concen: 19.870 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

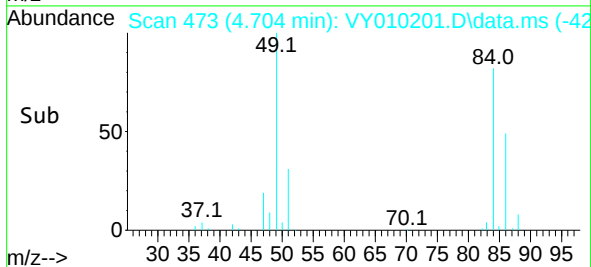
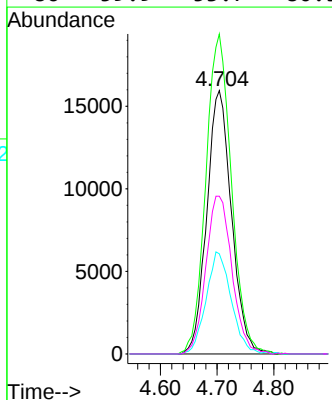
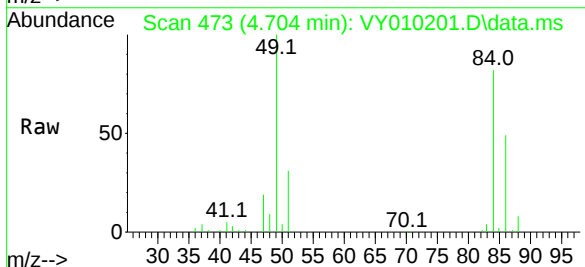
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

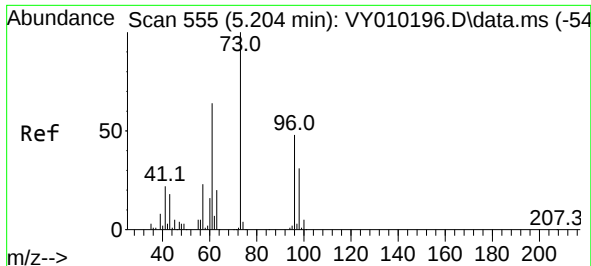
Tgt Ion: 73 Resp: 98350
Ion Ratio Lower Upper
73 100
57 22.2 18.6 27.8



#20
Methylene Chloride
Concen: 16.371 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion: 84 Resp: 48329
Ion Ratio Lower Upper
84 100
49 121.5 114.4 171.6
51 38.1 35.3 52.9
86 59.9 53.7 80.5

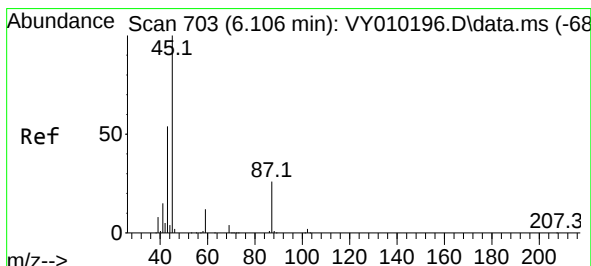
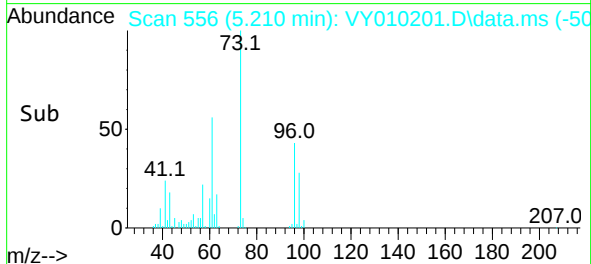
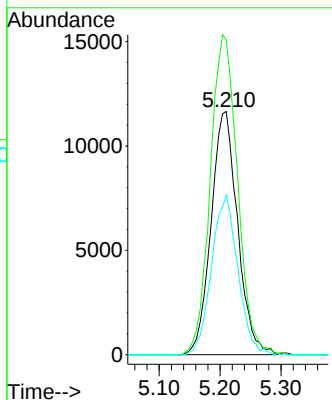
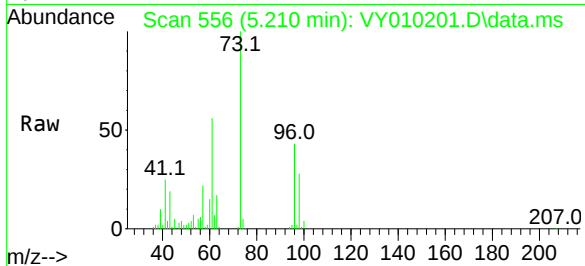




#21
trans-1,2-Dichloroethene
Concen: 18.181 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

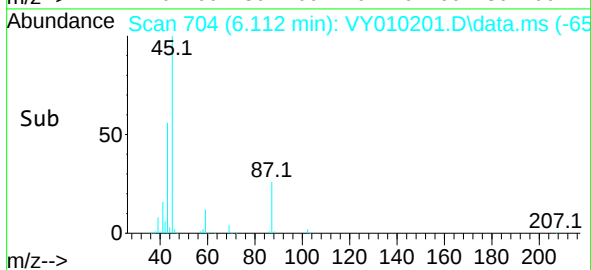
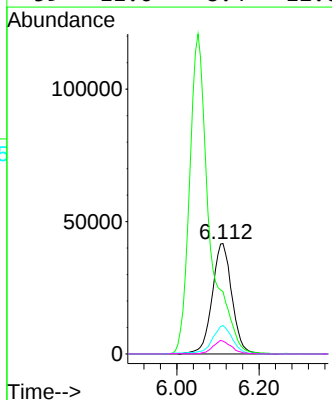
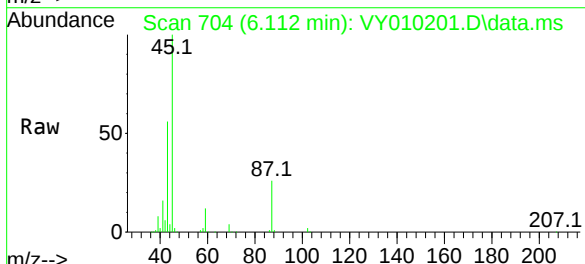
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

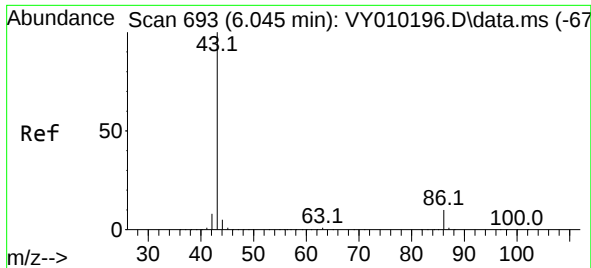
Tgt Ion: 96 Resp: 35280
Ion Ratio Lower Upper
96 100
61 129.5 120.5 180.7
98 65.6 49.8 74.8



#22
Diisopropyl ether
Concen: 21.125 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion: 45 Resp: 139023
Ion Ratio Lower Upper
45 100
43 56.1 49.3 73.9
87 25.7 19.2 28.8
59 11.6 8.4 12.6

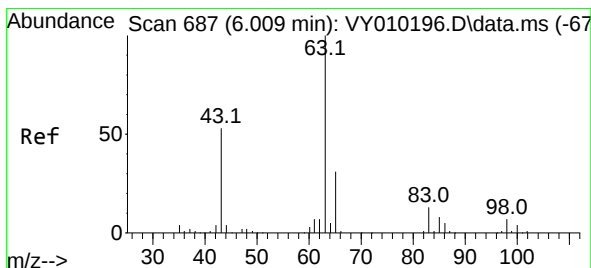
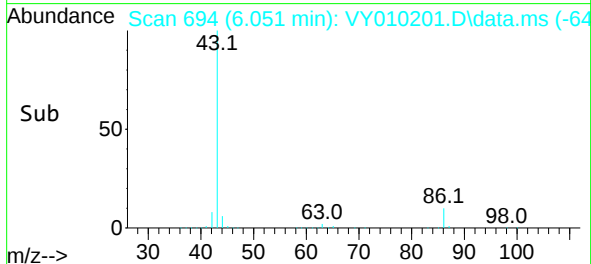
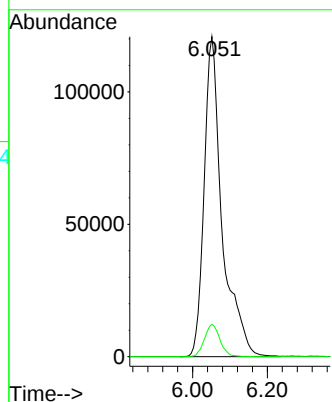
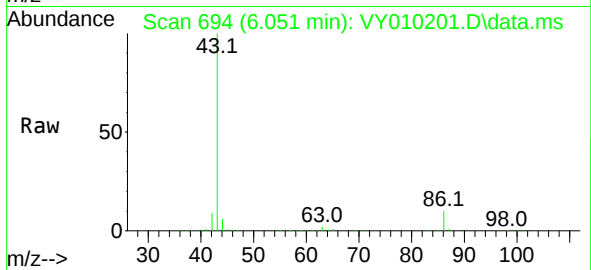




#23
 Vinyl Acetate
 Concen: 104.740 ug/l
 RT: 6.051 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY010201.D
 Acq: 25 Aug 2022 12:38

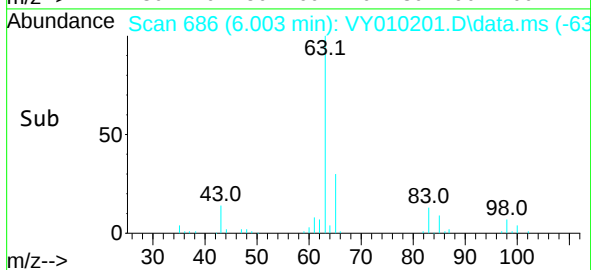
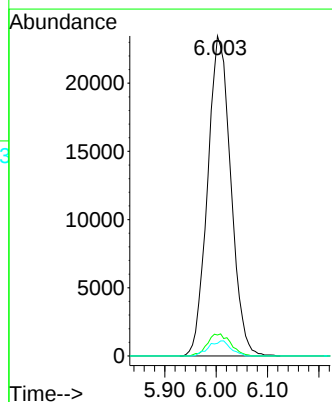
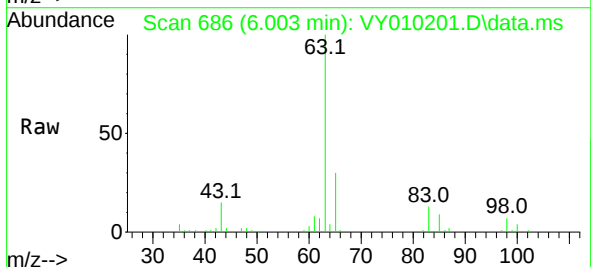
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBS01

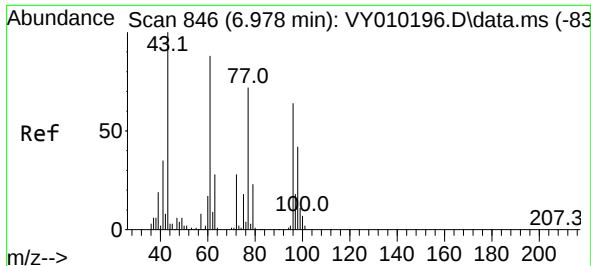
Tgt Ion: 43 Resp: 404589
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 19.656 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY010201.D
 Acq: 25 Aug 2022 12:38

Tgt Ion: 63 Resp: 73703
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 98.323 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

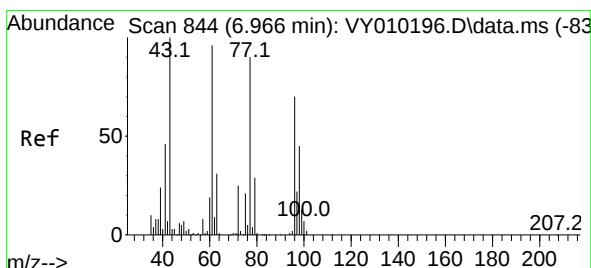
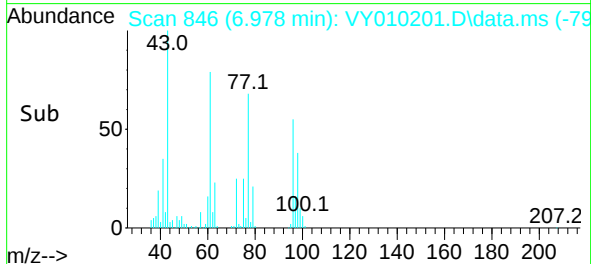
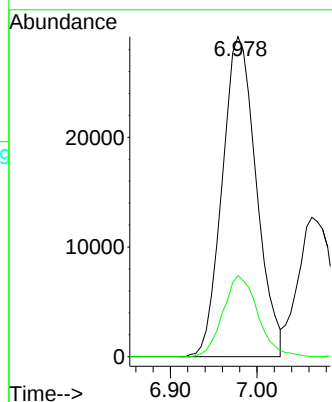
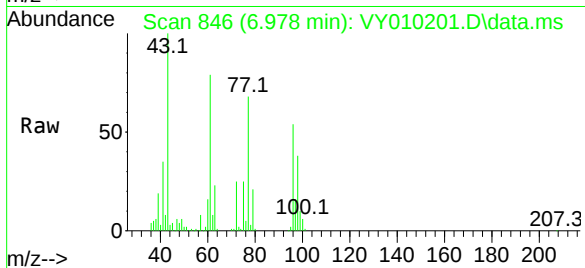
VY0825SBS01

Tgt Ion: 43 Resp: 79826

Ion Ratio Lower Upper

43 100

72 25.4 17.7 26.5



#26

2,2-Dichloropropane

Concen: 17.843 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010201.D

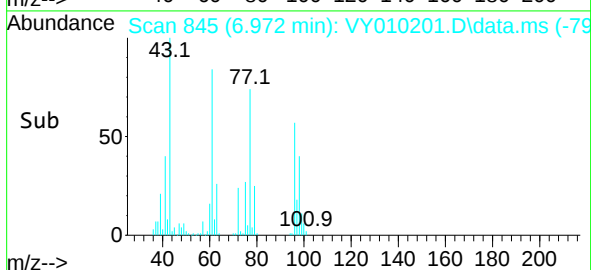
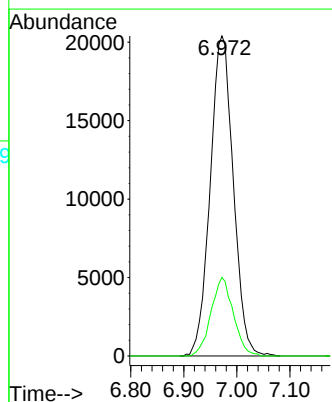
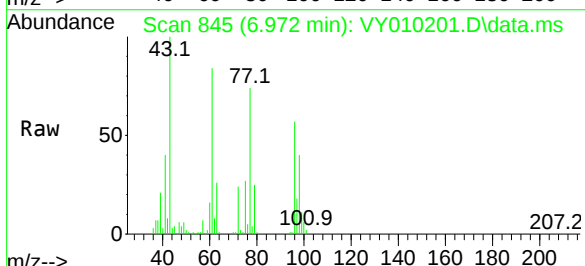
Acq: 25 Aug 2022 12:38

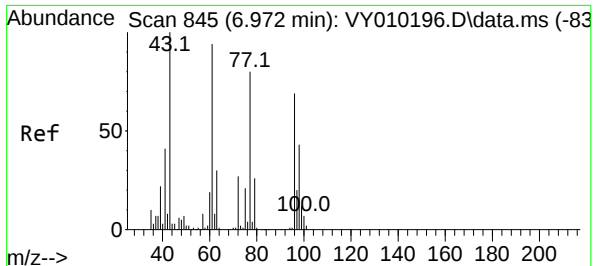
Tgt Ion: 77 Resp: 61732

Ion Ratio Lower Upper

77 100

97 23.7 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 18.975 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

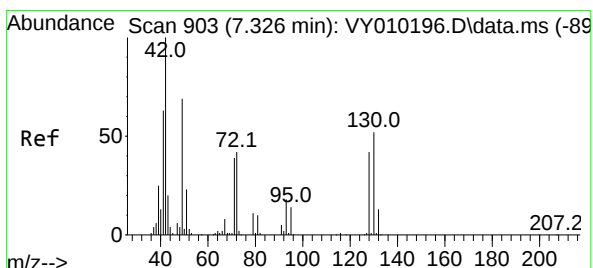
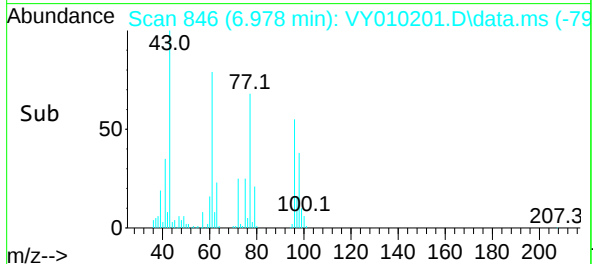
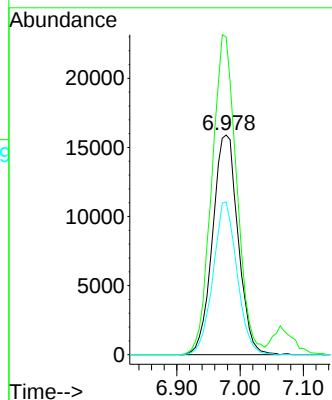
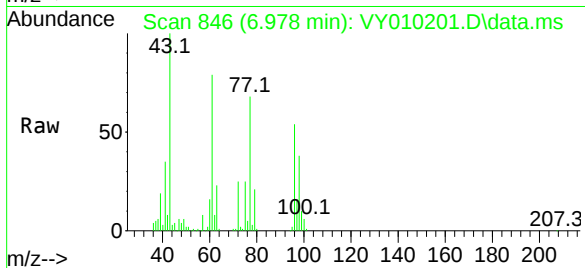
Tgt Ion: 96 Resp: 44433

Ion Ratio Lower Upper

96 100

61 142.1 0.0 319.8

98 65.5 0.0 127.0



#28

Bromochloromethane

Concen: 20.018 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.001 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

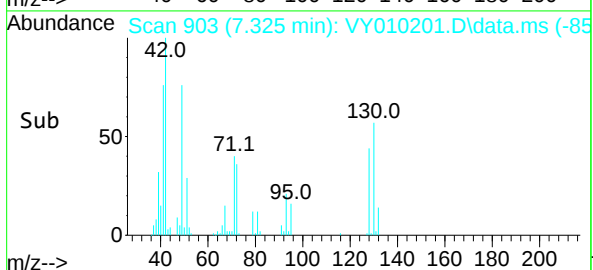
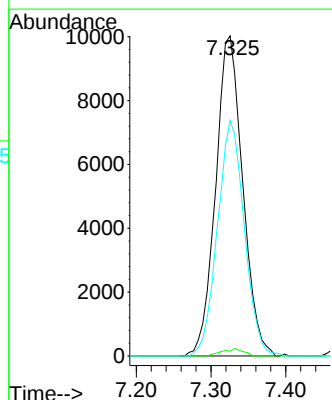
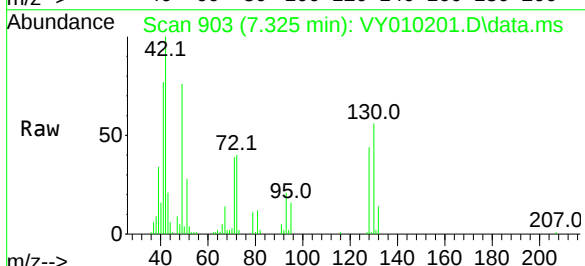
Tgt Ion: 49 Resp: 25215

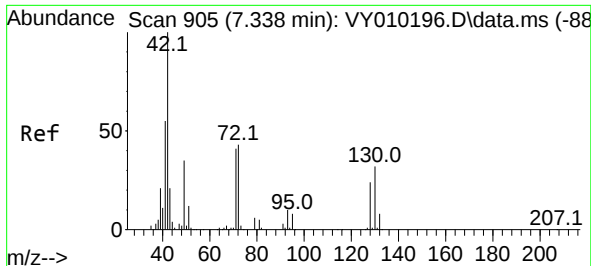
Ion Ratio Lower Upper

49 100

129 1.8 0.0 2.2

130 73.2 55.4 83.0





#29

Tetrahydrofuran

Concen: 106.324 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

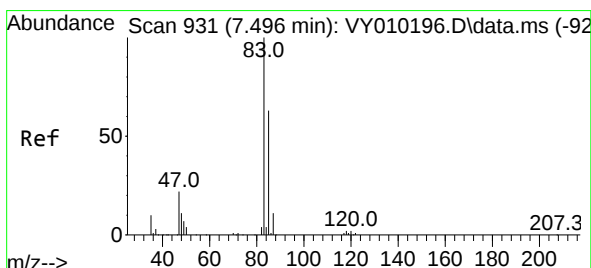
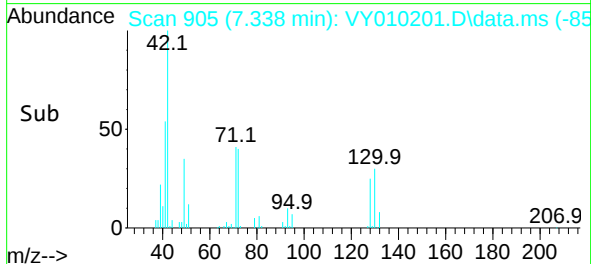
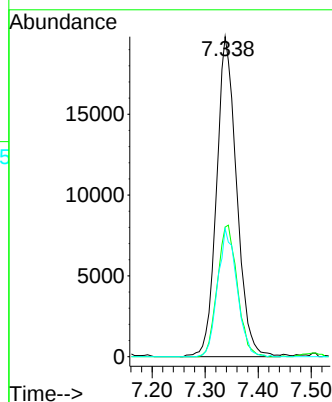
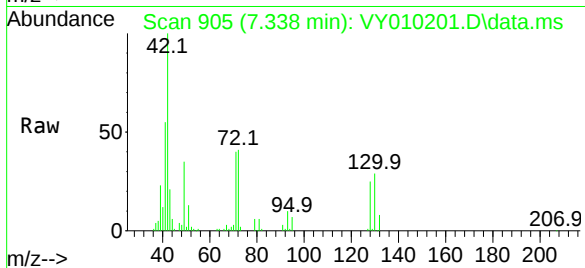
Tgt Ion: 42 Resp: 52153

Ion Ratio Lower Upper

42 100

72 40.8 30.3 45.5

71 38.5 29.0 43.4



#30

Chloroform

Concen: 19.699 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY010201.D

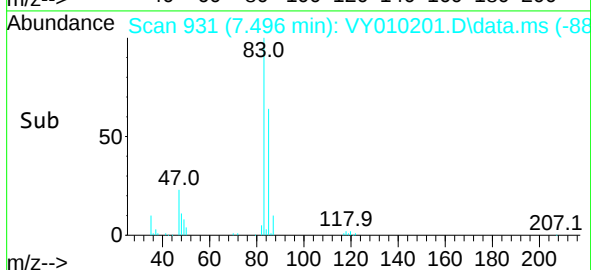
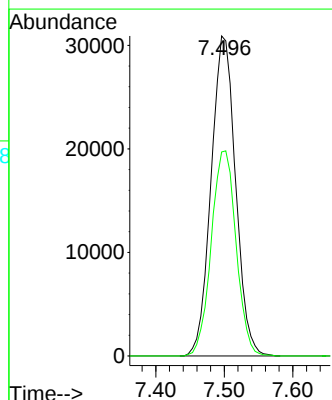
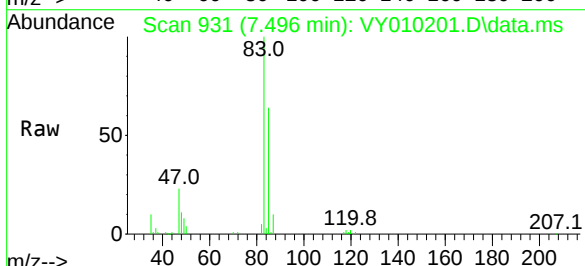
Acq: 25 Aug 2022 12:38

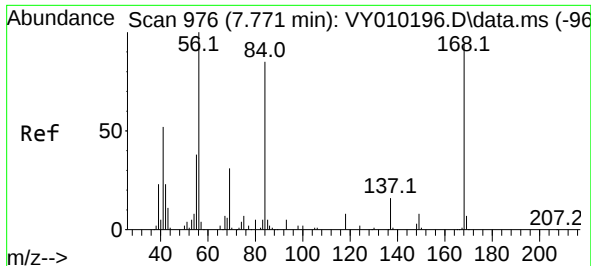
Tgt Ion: 83 Resp: 76566

Ion Ratio Lower Upper

83 100

85 63.7 51.8 77.6

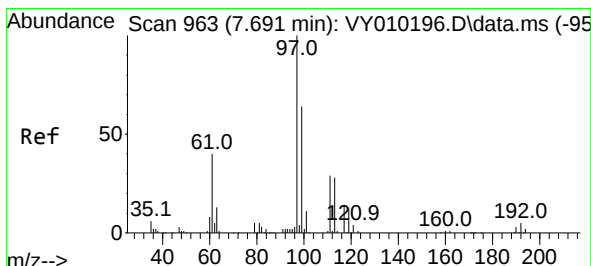
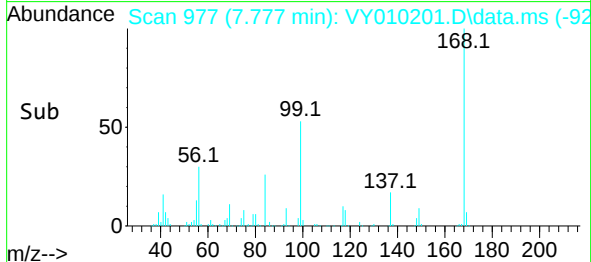
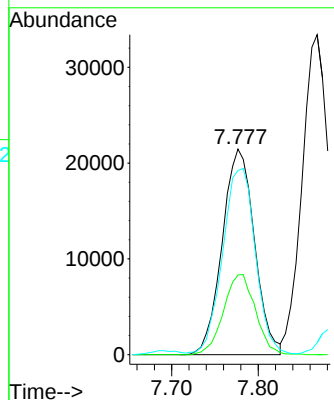
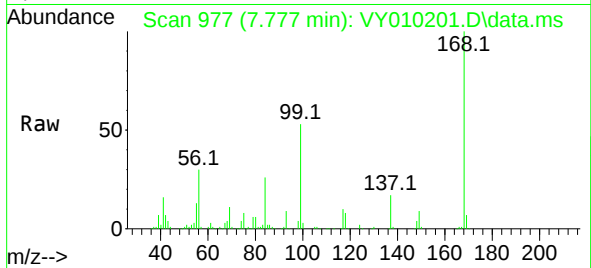




#31
Cyclohexane
Concen: 18.108 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

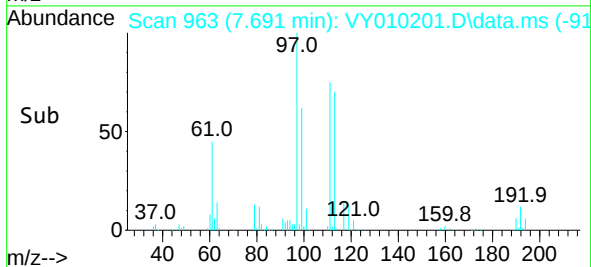
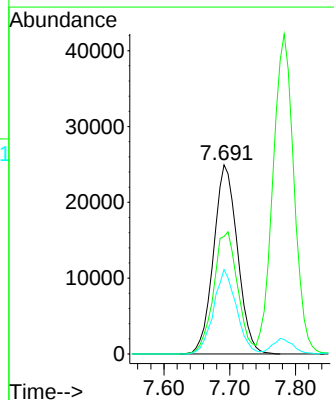
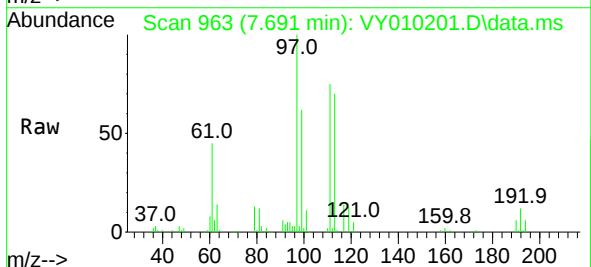
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

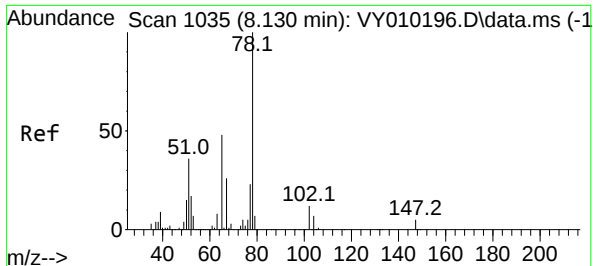
Tgt Ion: 56 Resp: 55592
Ion Ratio Lower Upper
56 100
69 38.8 26.7 40.1
84 88.4 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 19.343 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion: 97 Resp: 63136
Ion Ratio Lower Upper
97 100
99 65.4 50.7 76.1
61 42.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 51.660 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

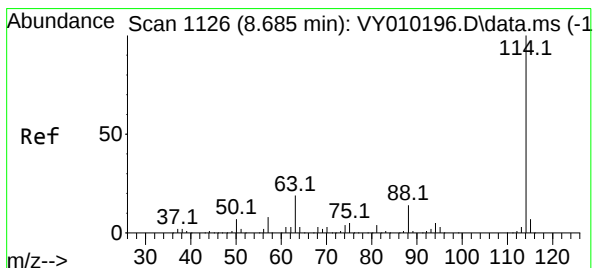
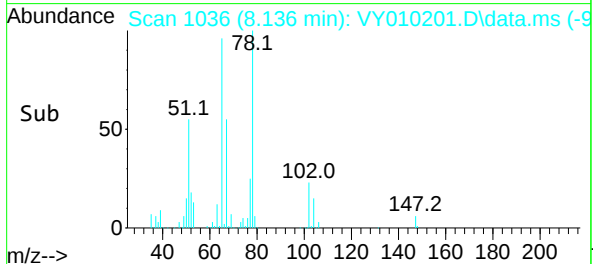
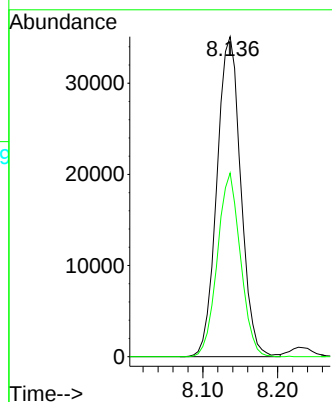
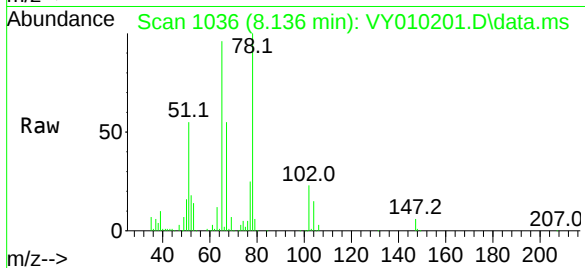
VY0825SBS01

Tgt Ion: 65 Resp: 77974

Ion Ratio Lower Upper

65 100

67 55.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

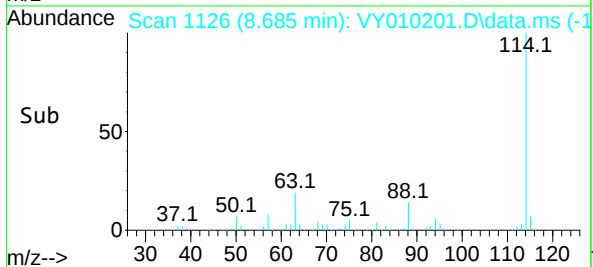
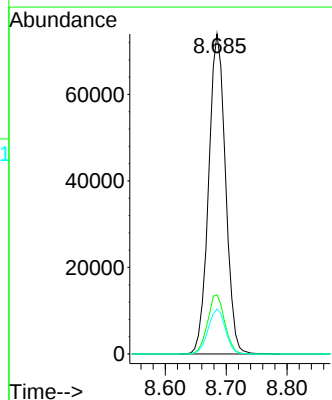
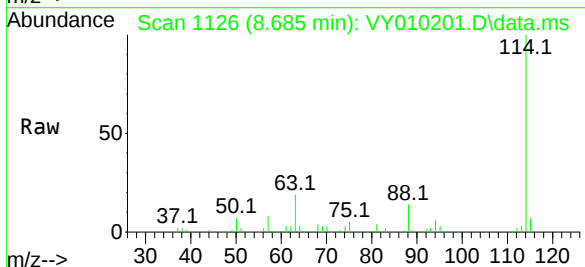
Tgt Ion: 114 Resp: 142355

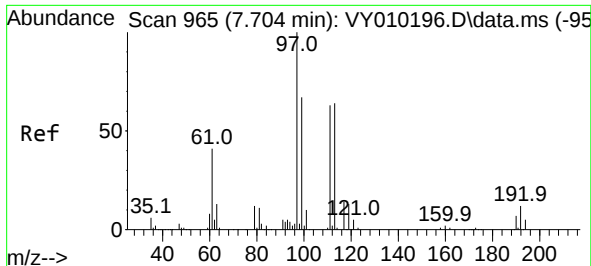
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.0 0.0 31.8

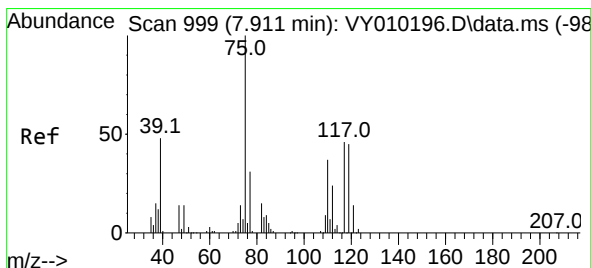
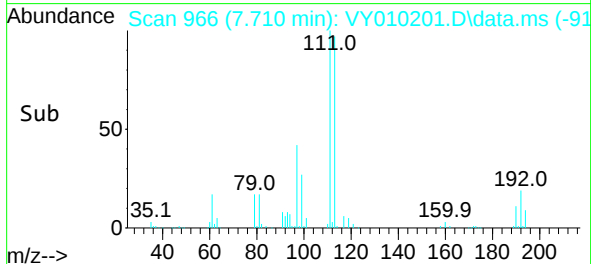
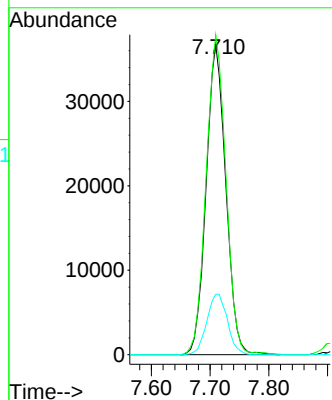
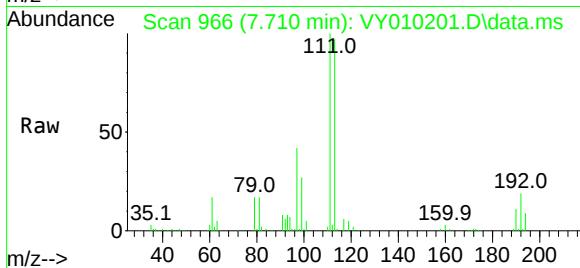




#35
Dibromofluoromethane
Concen: 91.558 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

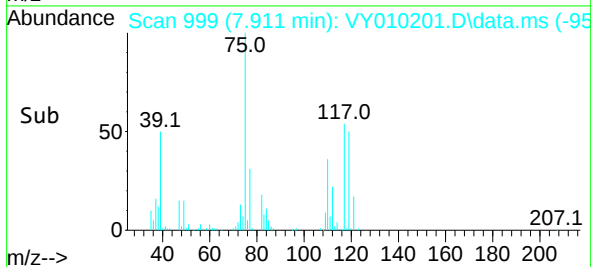
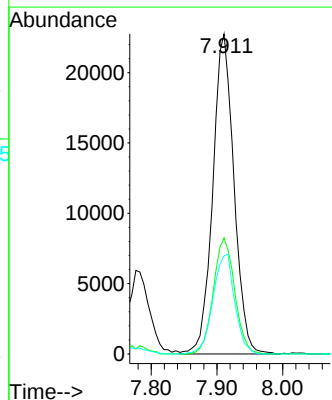
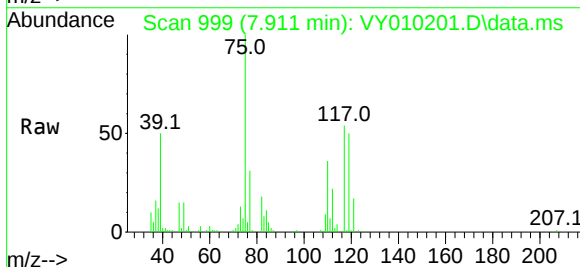
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

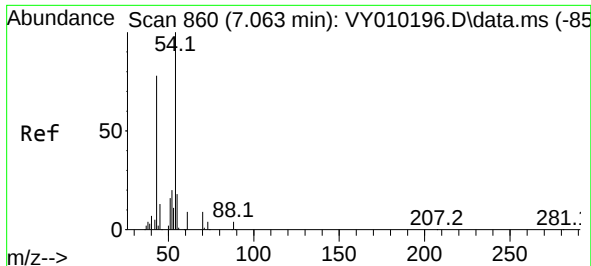
Tgt Ion:113 Resp: 85457
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 20.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 37.133 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion: 75 Resp: 50974
Ion Ratio Lower Upper
75 100
110 36.5 17.1 51.2
77 32.1 24.4 36.6





#37

Ethyl Acetate

Concen: 41.523 ug/l

RT: 7.063 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

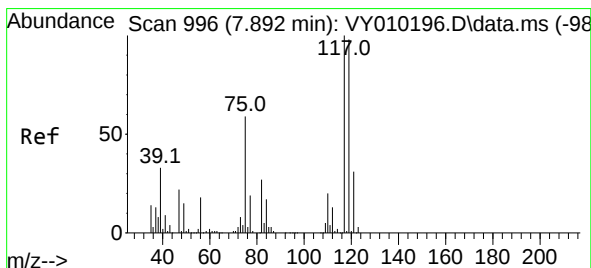
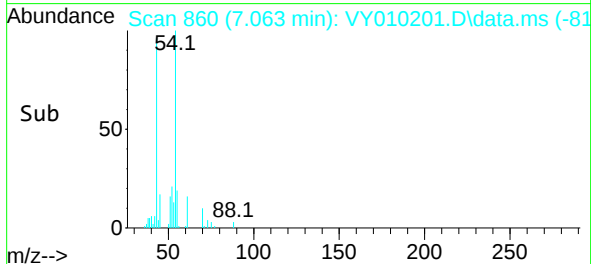
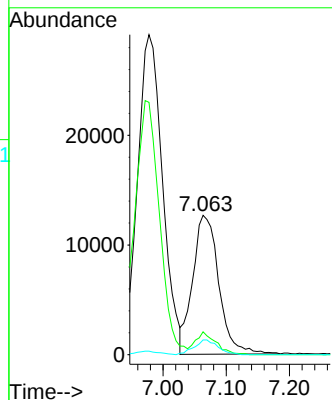
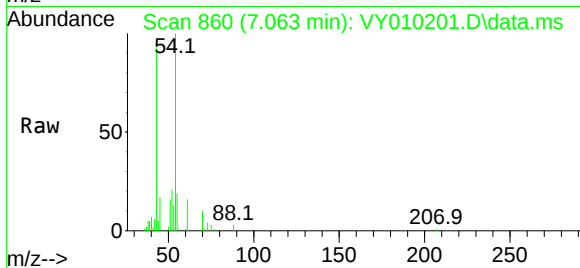
Tgt Ion: 43 Resp: 36434

Ion Ratio Lower Upper

43 100

61 12.9 9.7 14.5

70 9.7 7.1 10.7



#38

Carbon Tetrachloride

Concen: 38.014 ug/l

RT: 7.892 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

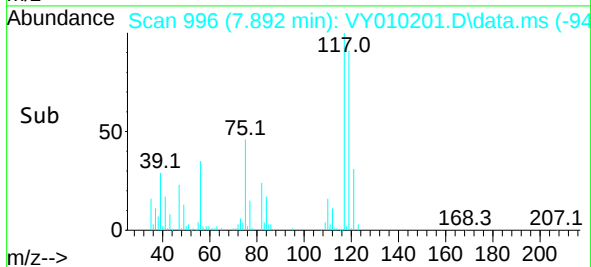
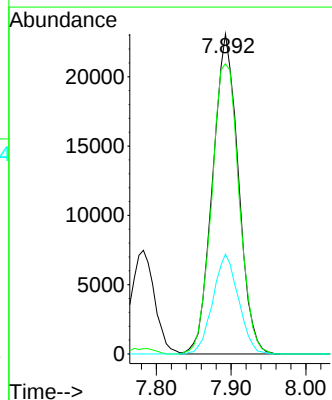
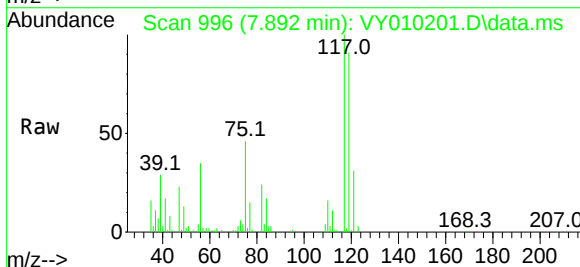
Tgt Ion: 117 Resp: 55271

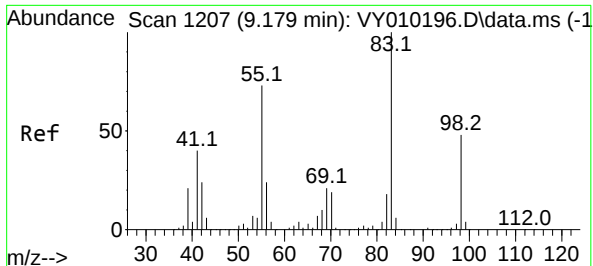
Ion Ratio Lower Upper

117 100

119 90.7 77.9 116.9

121 31.2 24.8 37.2





#39

Methylcyclohexane

Concen: 16.542 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

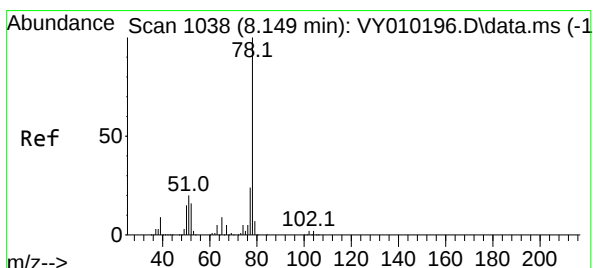
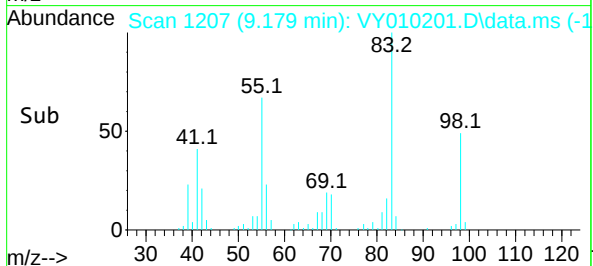
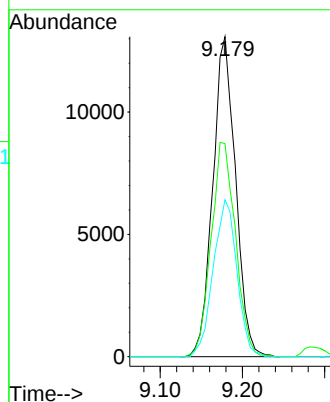
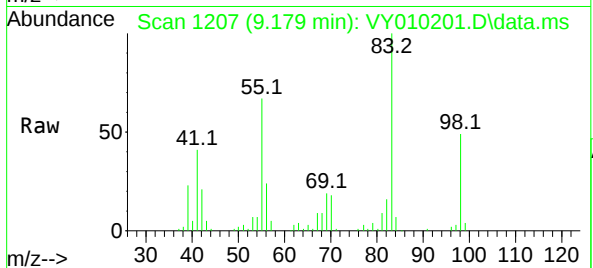
Tgt Ion: 83 Resp: 25183

Ion Ratio Lower Upper

83 100

55 66.6 66.5 99.7

98 49.0 37.9 56.9



#40

Benzene

Concen: 38.105 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY010201.D

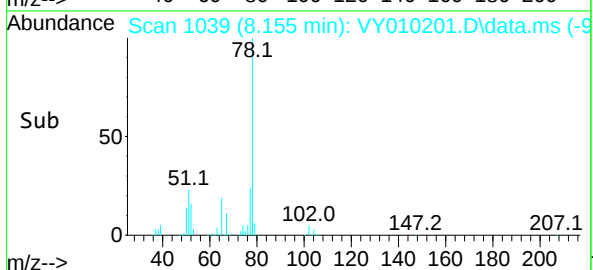
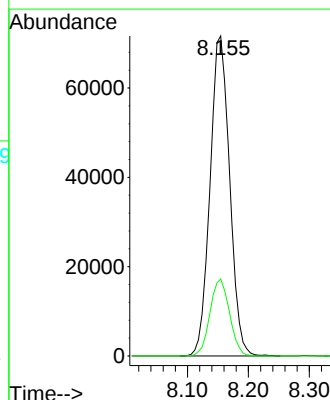
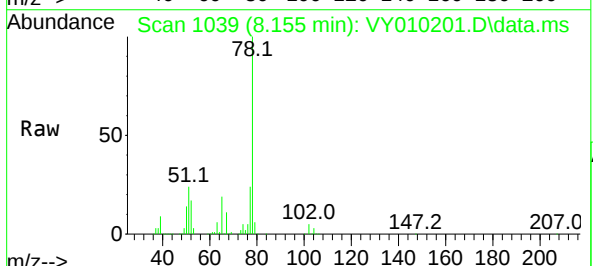
Acq: 25 Aug 2022 12:38

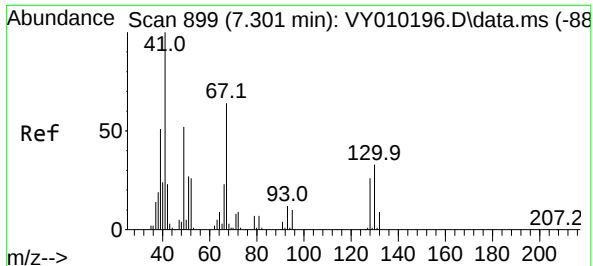
Tgt Ion: 78 Resp: 160100

Ion Ratio Lower Upper

78 100

77 24.1 20.4 30.6

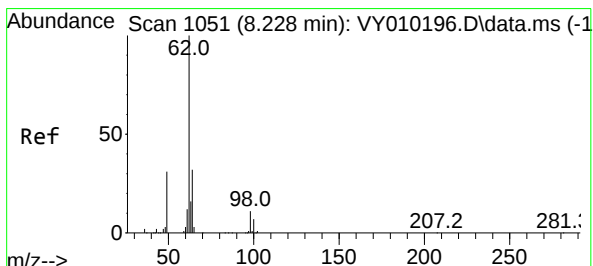
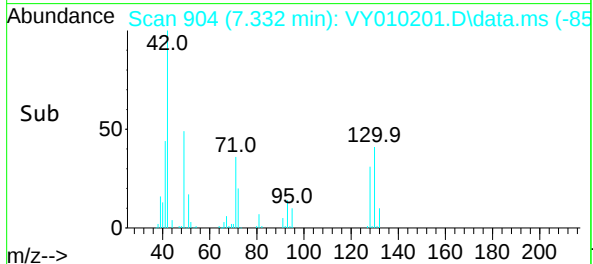
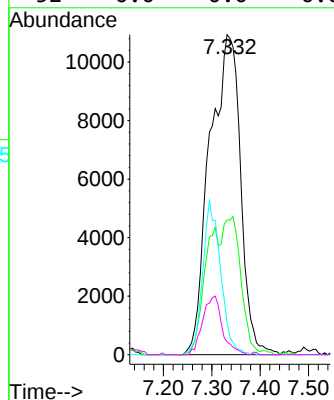
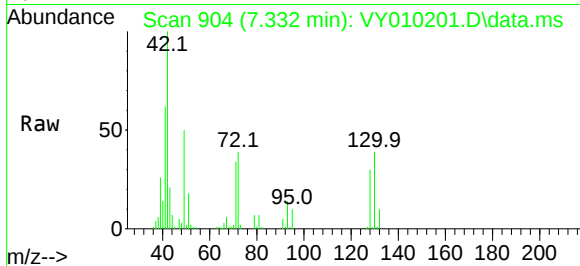




#41
Methacrylonitrile
Concen: 110.237 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.031 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

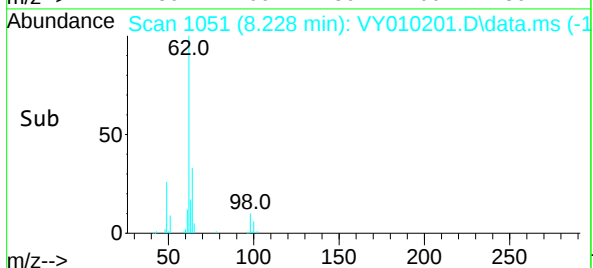
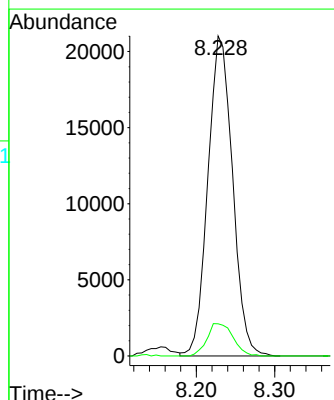
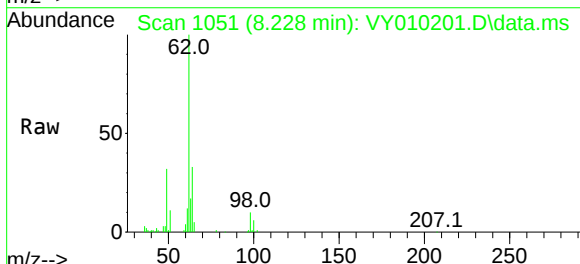
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

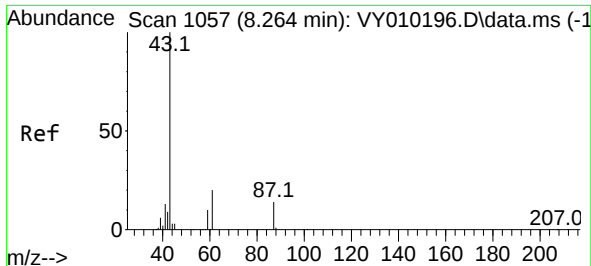
Tgt Ion: 41 Resp: 48265
Ion Ratio Lower Upper
41 100
39 24.4 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 39.330 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion: 62 Resp: 45931
Ion Ratio Lower Upper
62 100
98 10.7 0.0 14.8

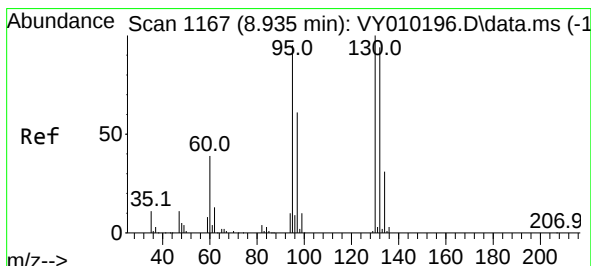
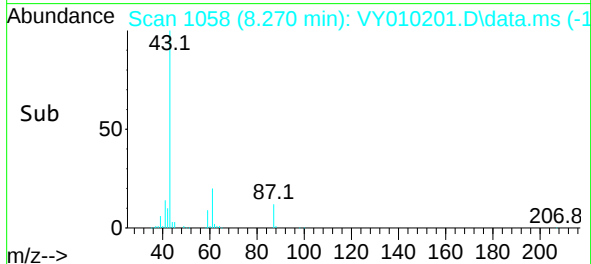
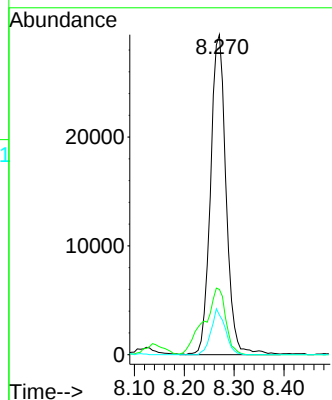
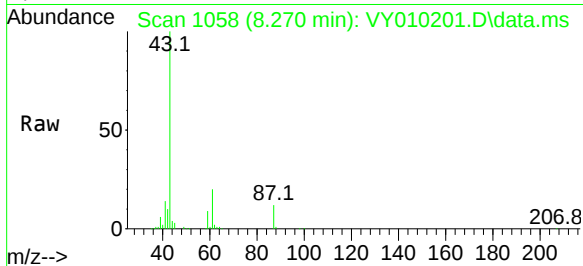




#43
Isopropyl Acetate
Concen: 41.744 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

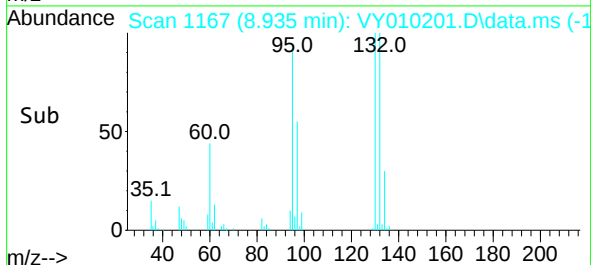
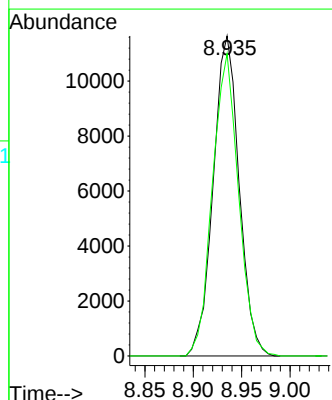
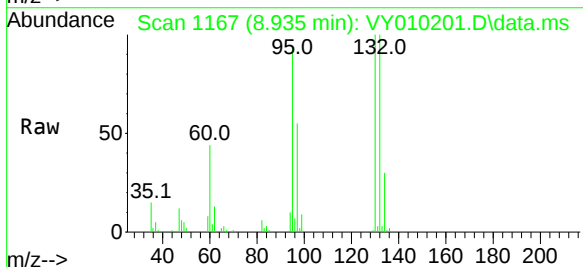
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

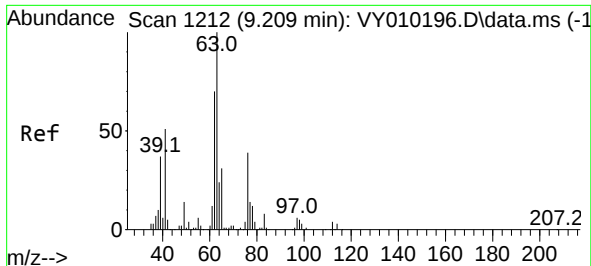
Tgt Ion: 43 Resp: 63741
Ion Ratio Lower Upper
43 100
61 28.9 20.2 30.2
87 13.0 8.9 13.3



#44
Trichloroethene
Concen: 18.722 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion:130 Resp: 21709
Ion Ratio Lower Upper
130 100
95 94.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 16.988 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

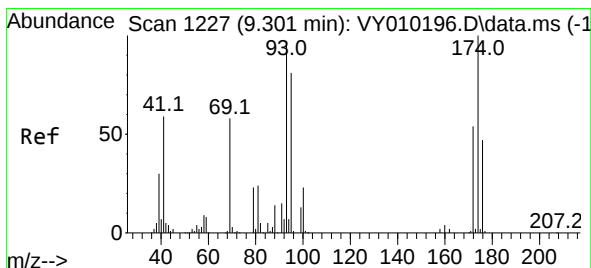
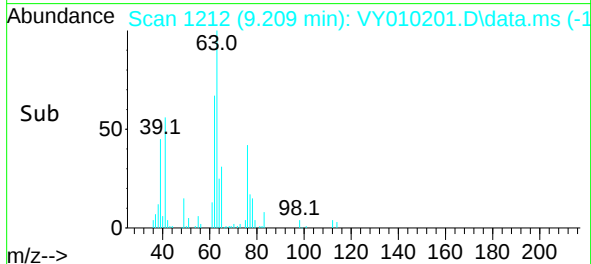
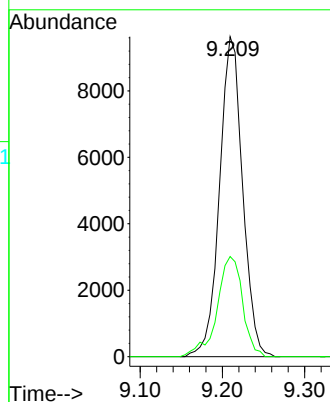
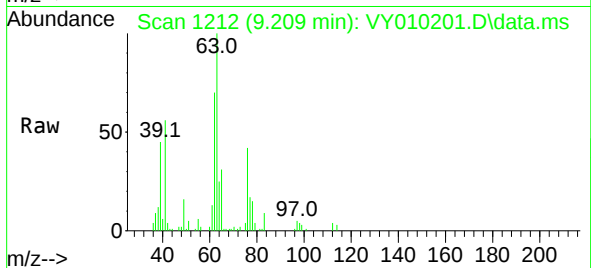
VY0825SBS01

Tgt Ion: 63 Resp: 18748

Ion Ratio Lower Upper

63 100

65 31.3 23.0 34.6



#46

Dibromomethane

Concen: 19.415 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

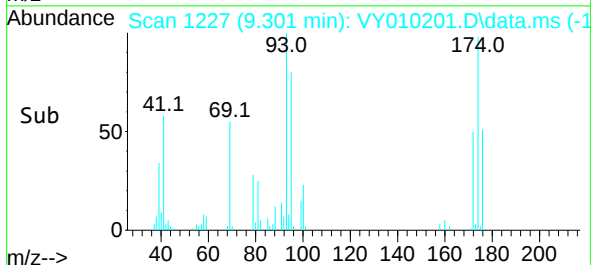
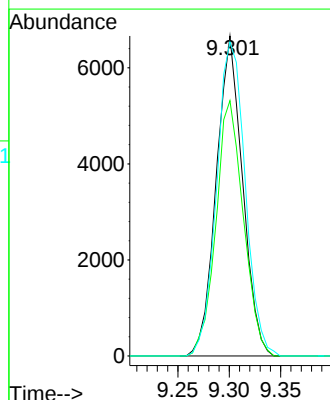
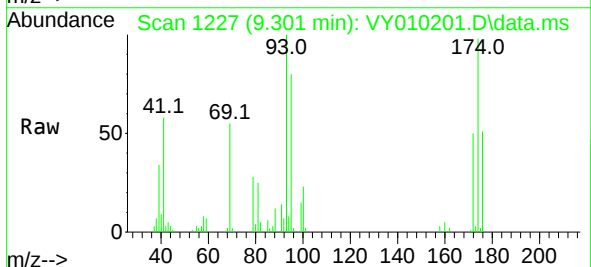
Tgt Ion: 93 Resp: 11820

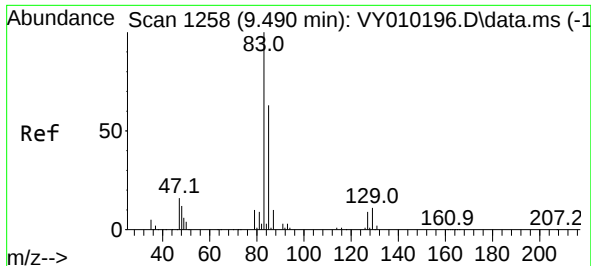
Ion Ratio Lower Upper

93 100

95 83.3 64.3 96.5

174 106.6 83.4 125.0

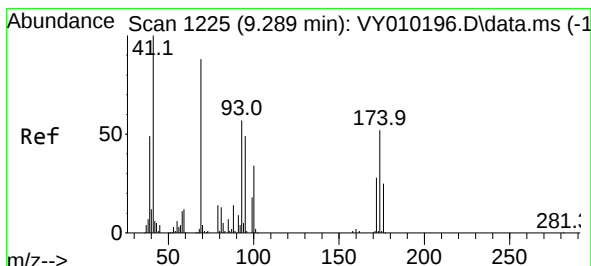
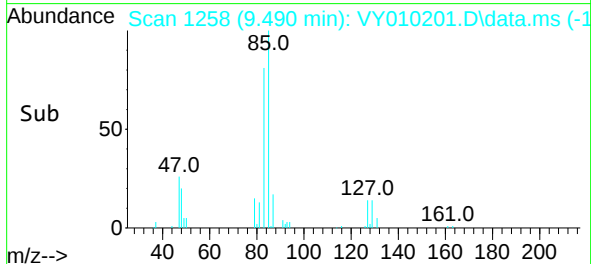
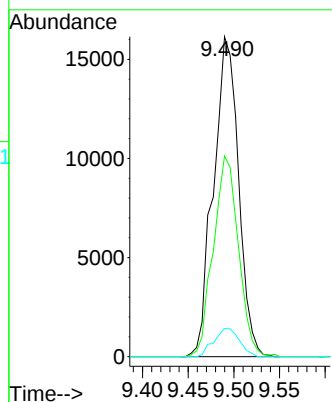
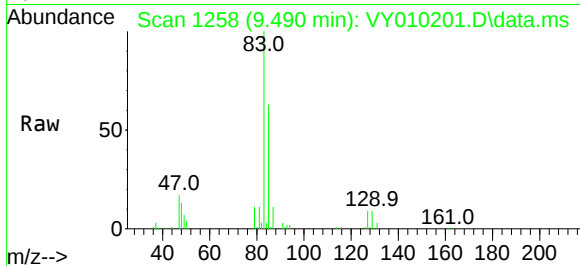




#47
Bromodichloromethane
Concen: 20.595 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

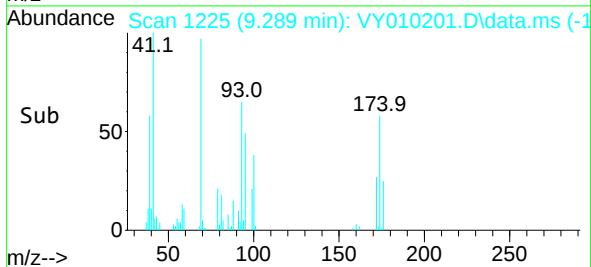
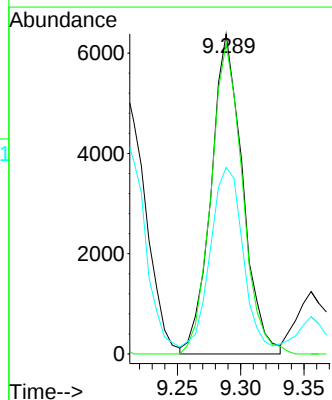
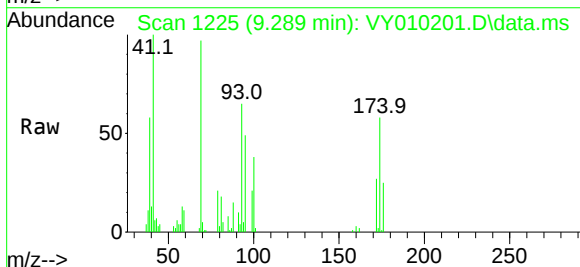
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

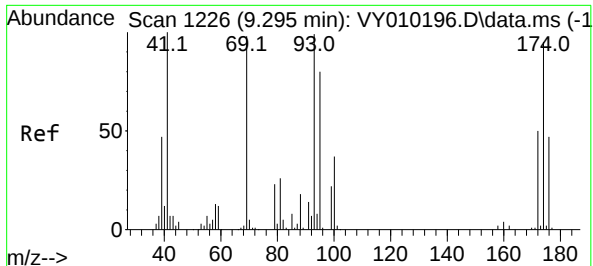
Tgt Ion: 83 Resp: 30861
Ion Ratio Lower Upper
83 100
85 62.7 51.9 77.9
127 8.8 6.6 10.0



#48
Methyl methacrylate
Concen: 16.832 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion: 41 Resp: 11047
Ion Ratio Lower Upper
41 100
69 96.8 58.2 87.2#
39 61.6 47.4 71.0





#49

1,4-Dioxane

Concen: 368.616 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

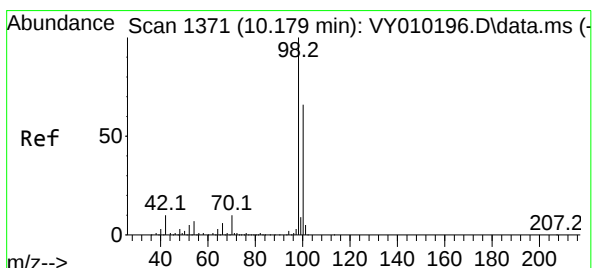
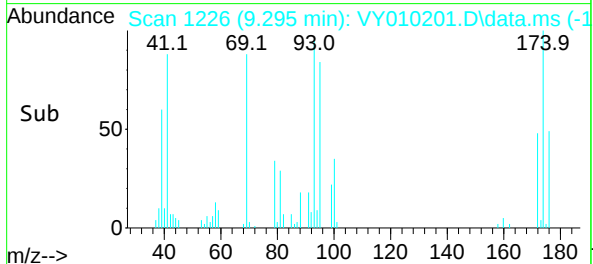
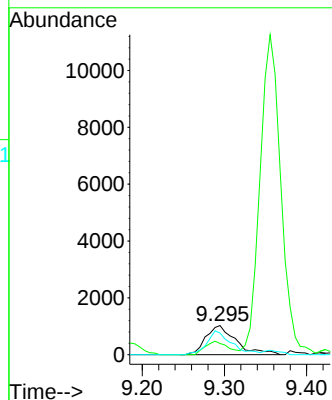
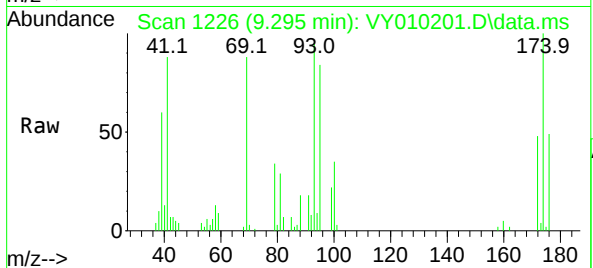
Tgt Ion: 88 Resp: 2610

Ion Ratio Lower Upper

88 100

43 35.8 32.8 49.2

58 66.8 59.8 89.6



#50

Toluene-d8

Concen: 87.417 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010201.D

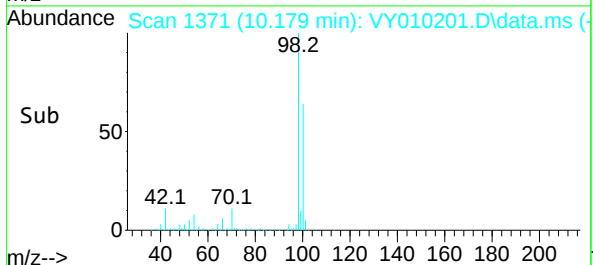
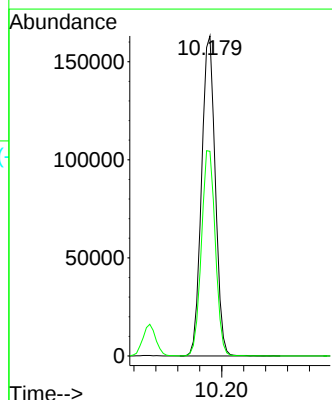
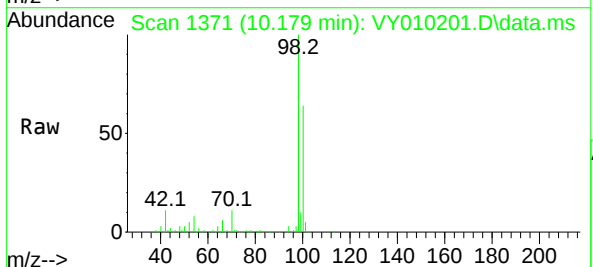
Acq: 25 Aug 2022 12:38

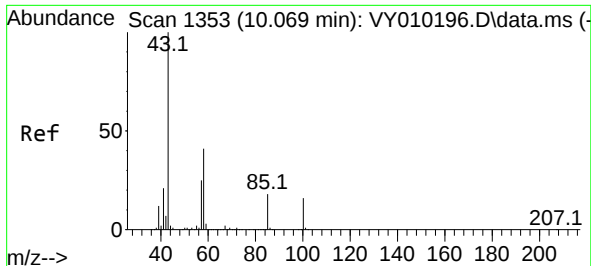
Tgt Ion: 98 Resp: 283149

Ion Ratio Lower Upper

98 100

100 65.2 50.2 75.2

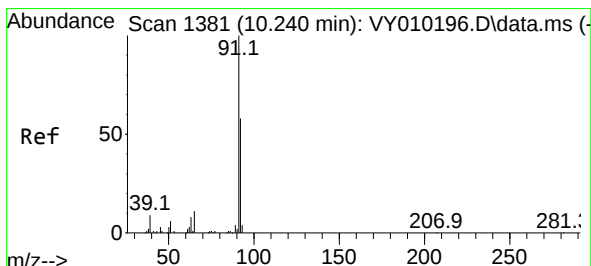
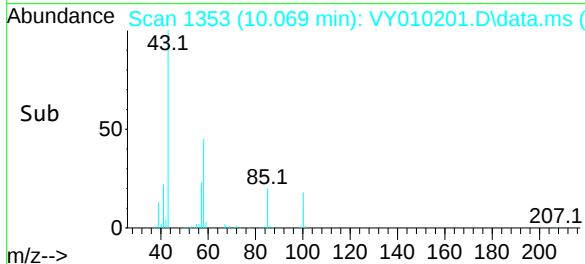
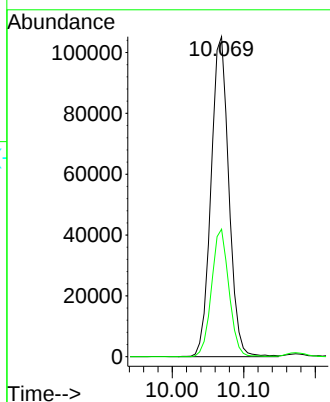
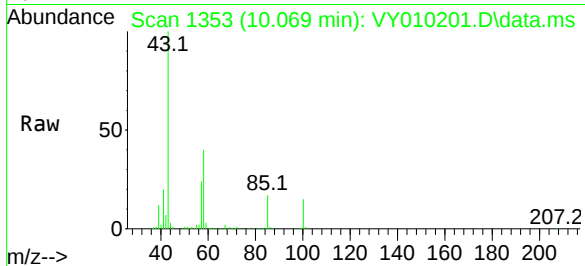




#51
4-Methyl-2-Pentanone
Concen: 217.275 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

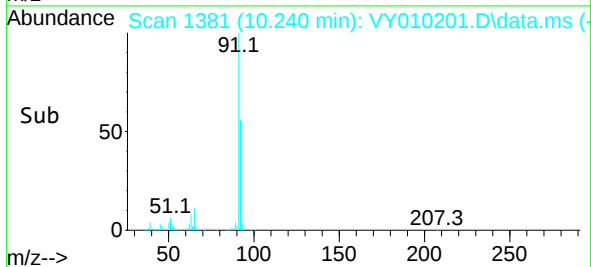
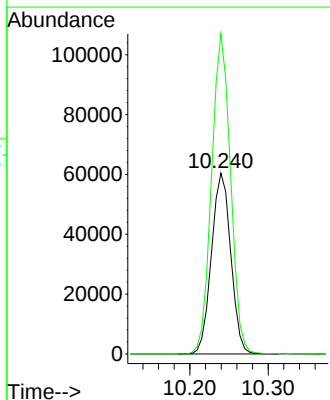
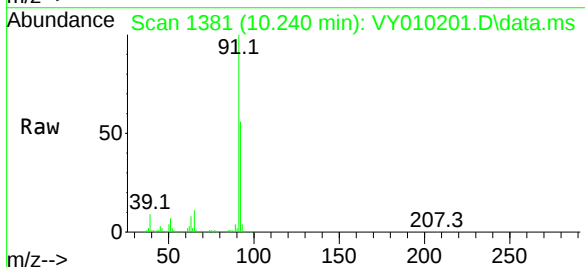
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

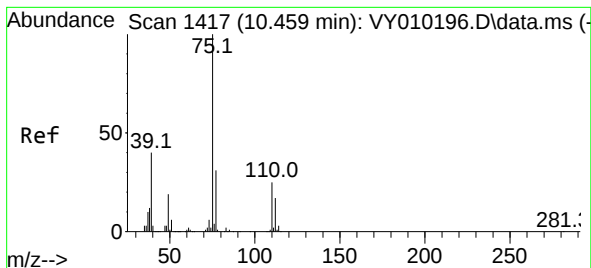
Tgt Ion: 43 Resp: 181729
Ion Ratio Lower Upper
43 100
58 38.9 28.1 42.1



#52
Toluene
Concen: 39.285 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion: 92 Resp: 103391
Ion Ratio Lower Upper
92 100
91 174.2 142.6 213.8

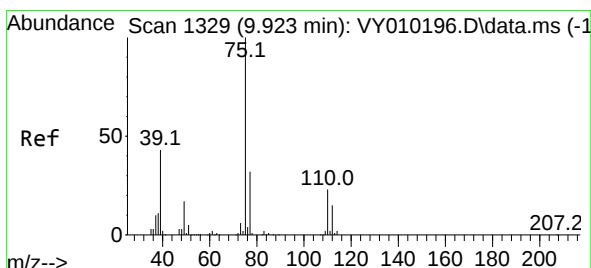
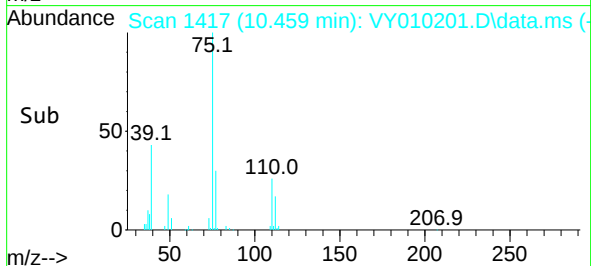
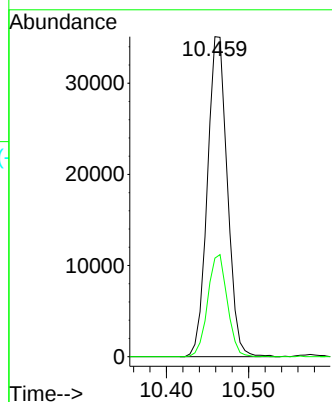
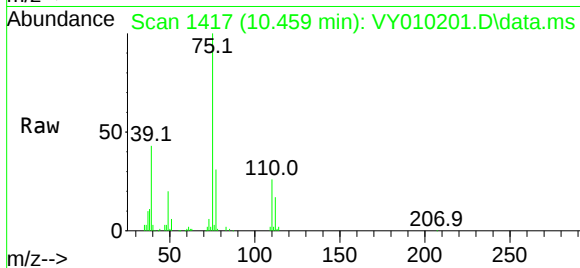




#53
t-1,3-Dichloropropene
Concen: 39.884 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

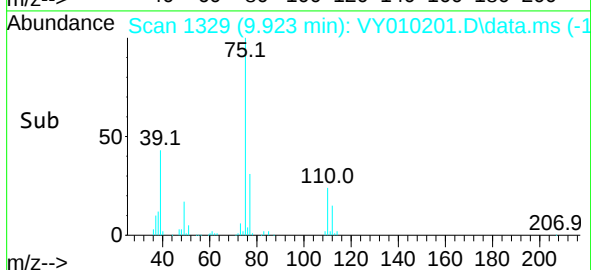
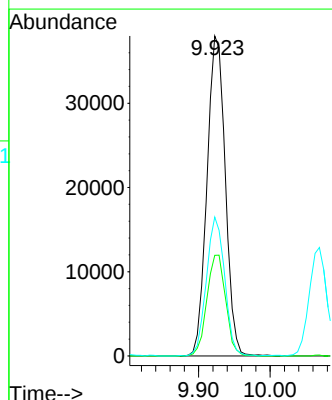
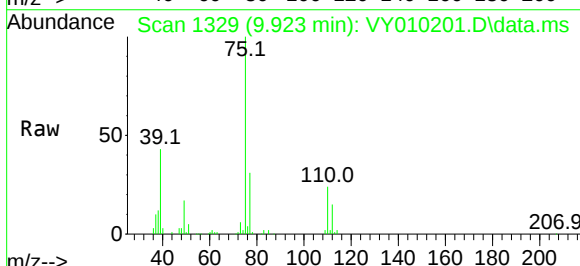
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

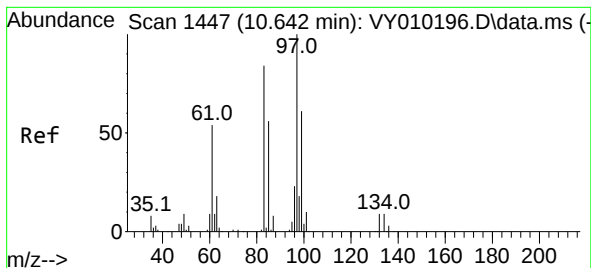
Tgt Ion: 75 Resp: 59215
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 39.282 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion: 75 Resp: 67565
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4
39 43.3 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 40.178 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

Tgt Ion: 97 Resp: 37112

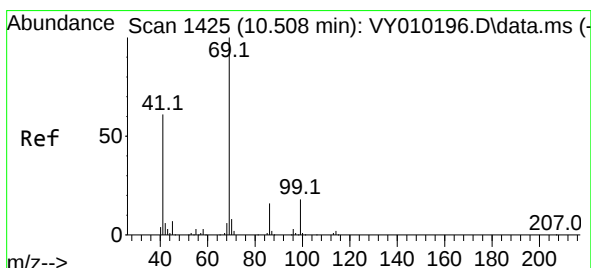
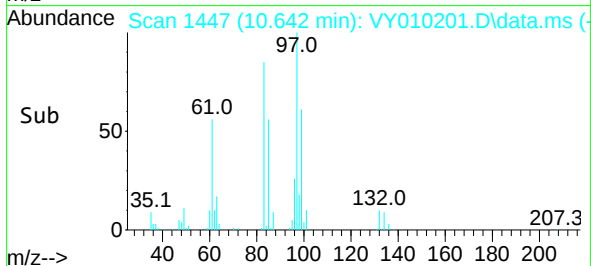
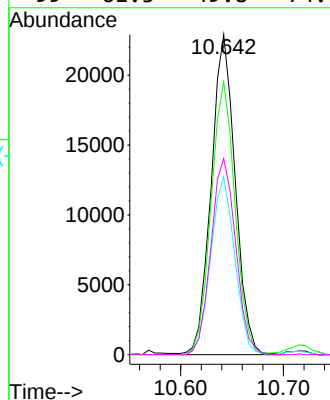
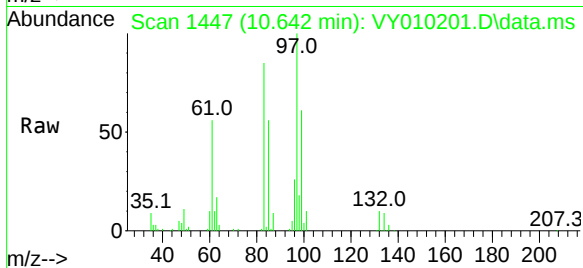
Ion Ratio Lower Upper

97 100

83 85.3 69.8 104.8

85 55.6 44.3 66.5

99 61.3 49.8 74.6



#56

Ethyl methacrylate

Concen: 40.854 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

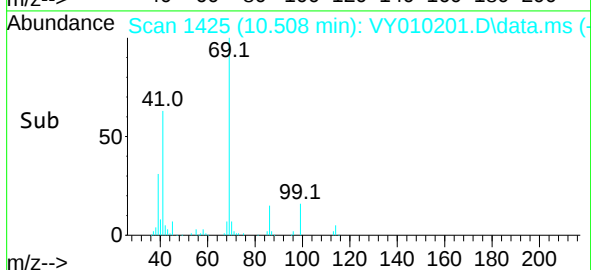
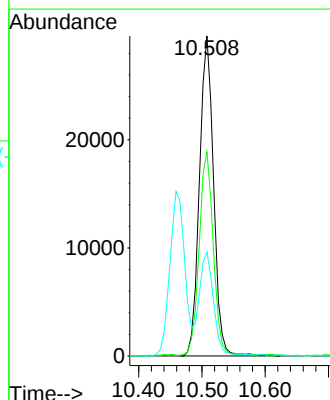
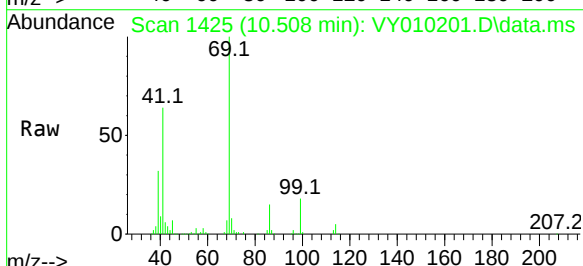
Tgt Ion: 69 Resp: 46079

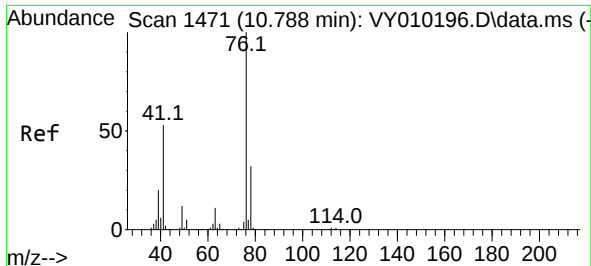
Ion Ratio Lower Upper

69 100

41 63.5 63.4 95.0

39 32.9 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 40.993 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

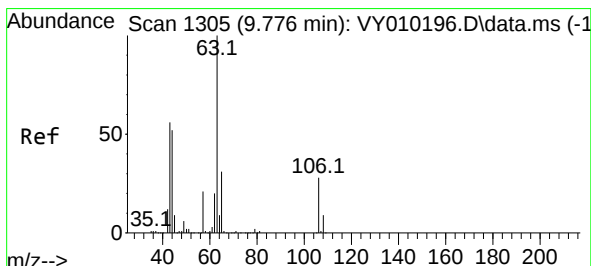
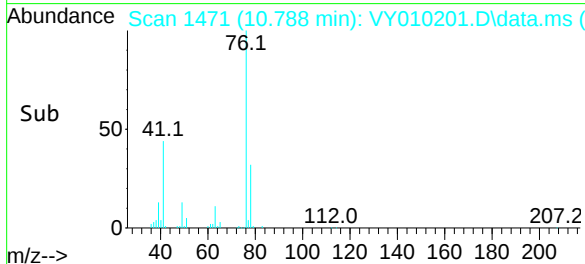
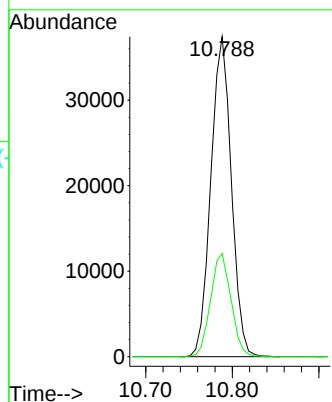
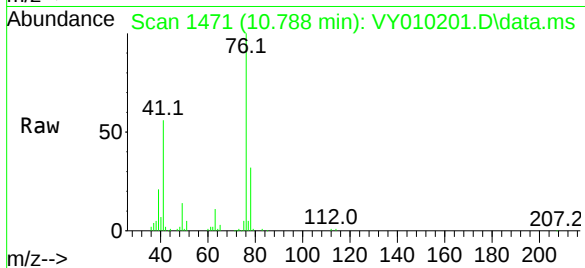
VY0825SBS01

Tgt Ion: 76 Resp: 61445

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 150.634 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY010201.D

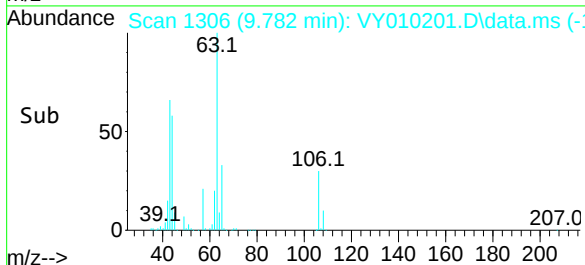
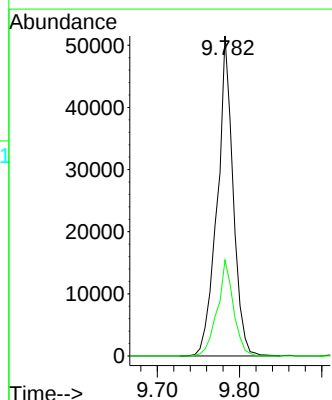
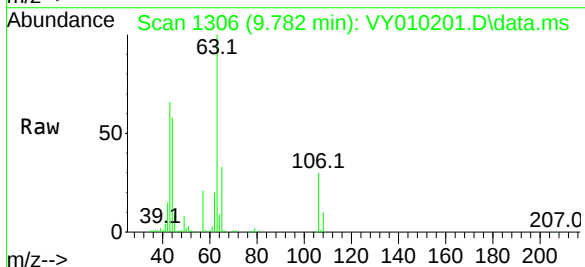
Acq: 25 Aug 2022 12:38

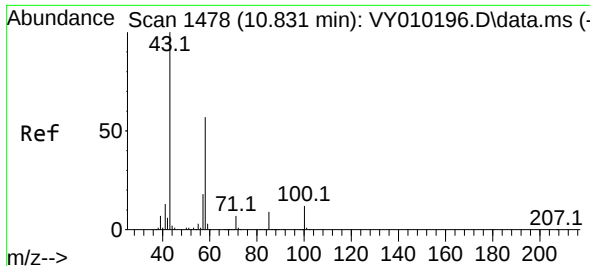
Tgt Ion: 63 Resp: 69114

Ion Ratio Lower Upper

63 100

106 30.3 21.5 32.3

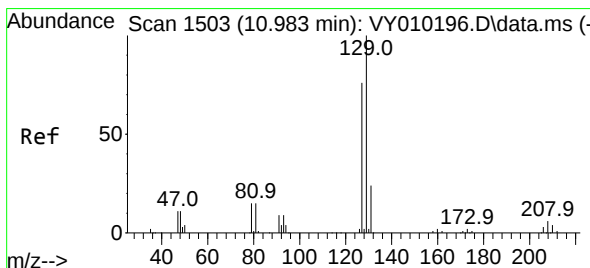
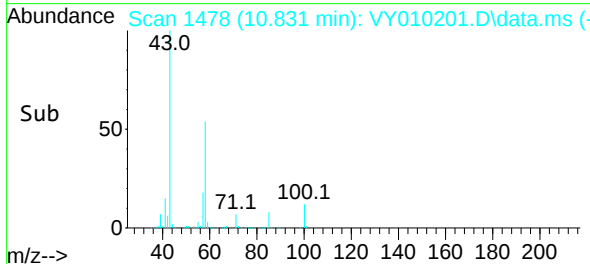
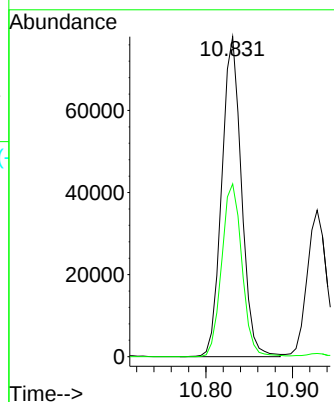
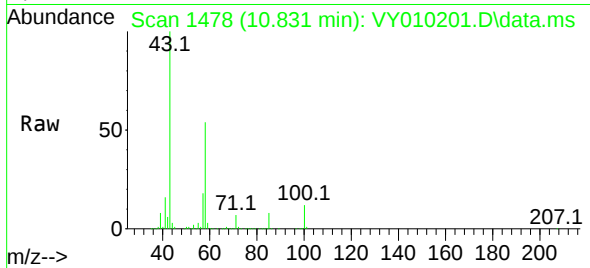




#59
2-Hexanone
Concen: 217.460 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

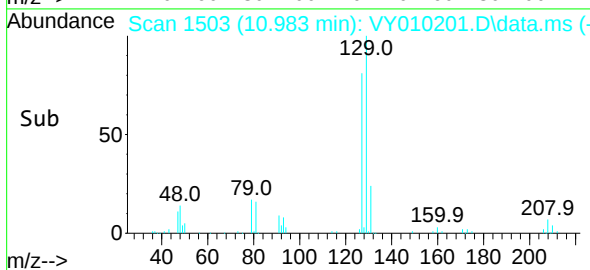
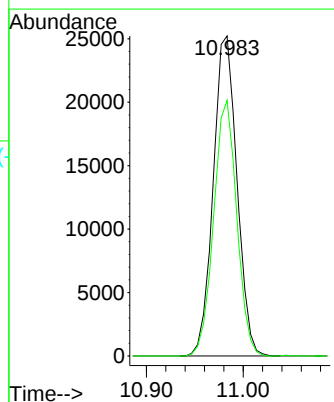
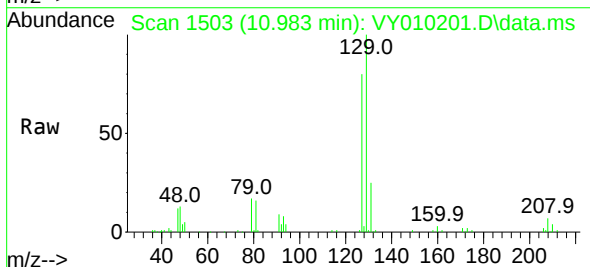
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

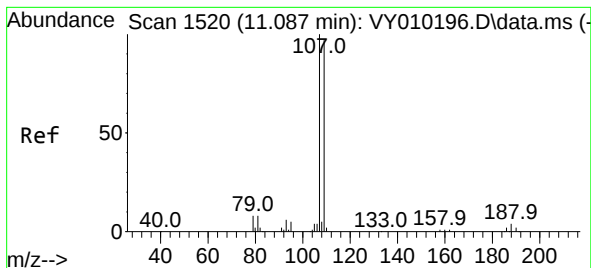
Tgt Ion: 43 Resp: 123101
Ion Ratio Lower Upper
43 100
58 55.5 24.4 73.4



#60
Dibromochloromethane
Concen: 39.491 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion:129 Resp: 43007
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1

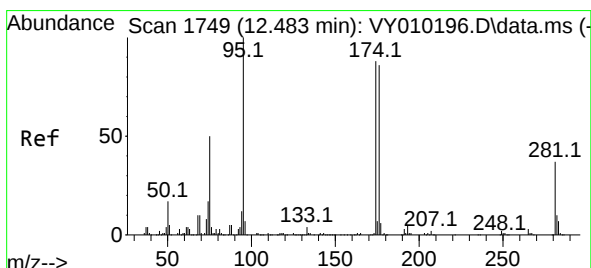
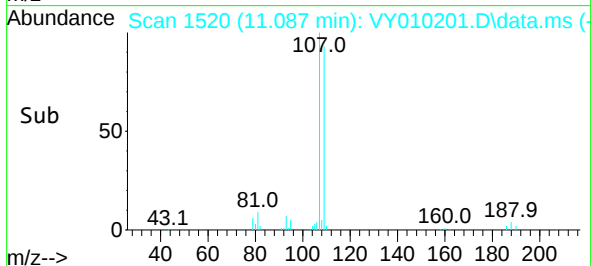
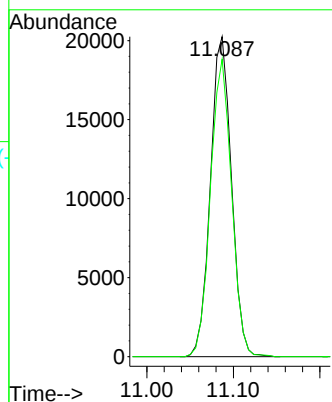
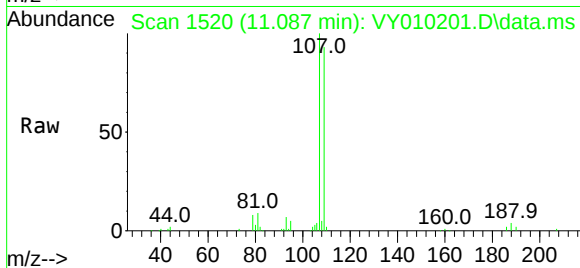




#61
1,2-Dibromoethane
Concen: 40.183 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

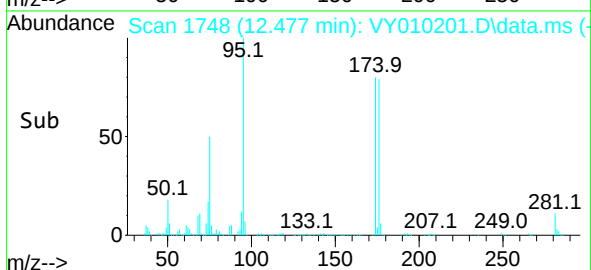
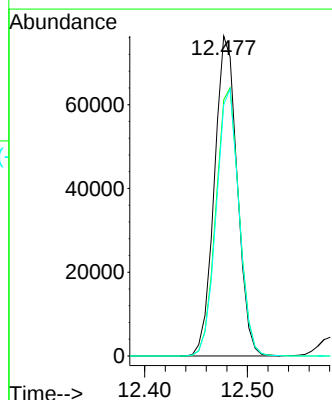
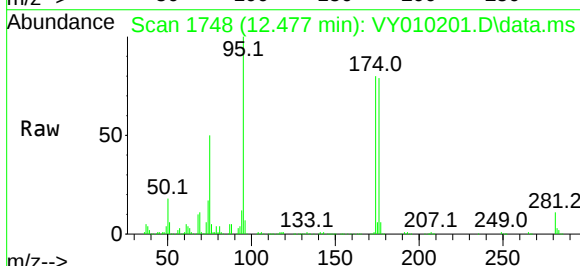
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

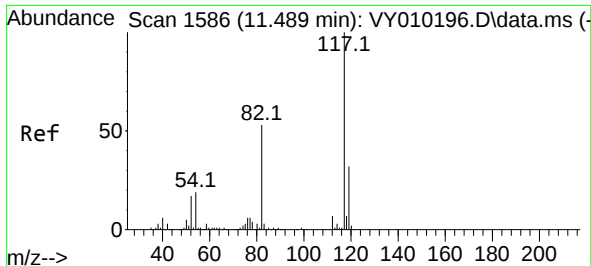
Tgt Ion:107 Resp: 34142
Ion Ratio Lower Upper
107 100
109 93.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 94.590 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion: 95 Resp: 117376
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 83.2 0.0 175.8

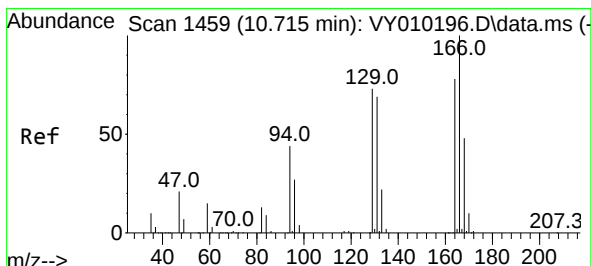
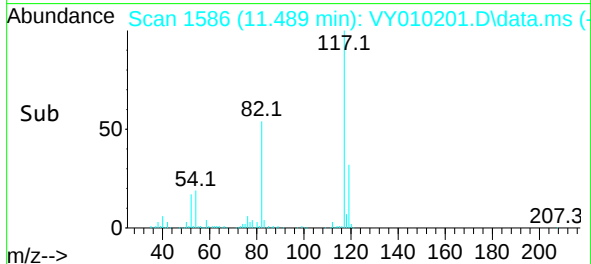
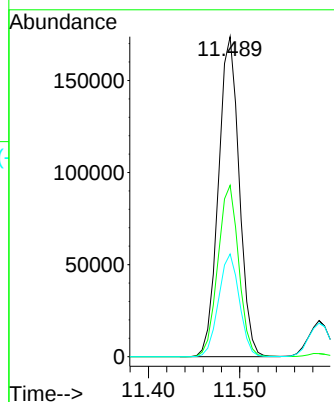
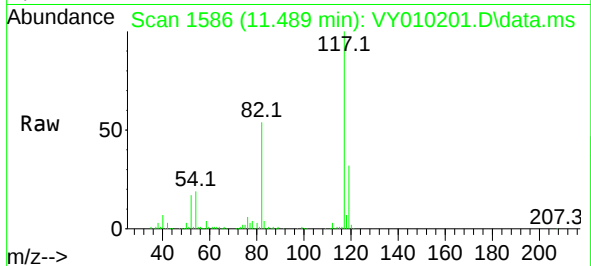




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

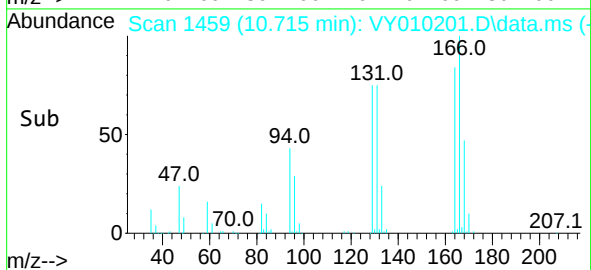
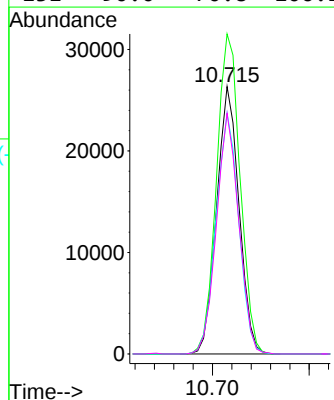
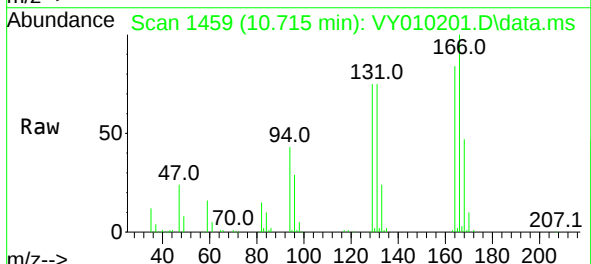
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

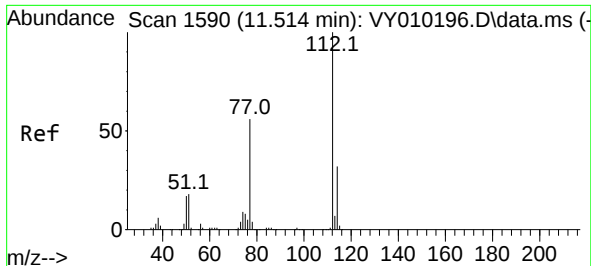
Tgt Ion:117 Resp: 274874
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 18.725 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion:164 Resp: 42383
Ion Ratio Lower Upper
164 100
166 119.7 100.4 150.6
129 90.1 71.4 107.0
131 90.0 70.8 106.2

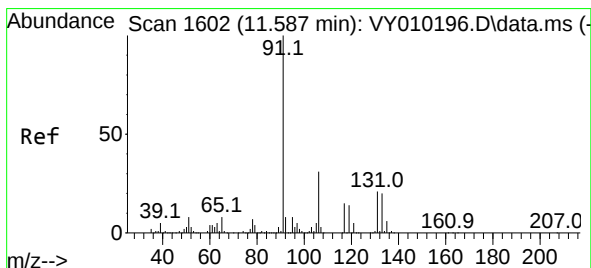
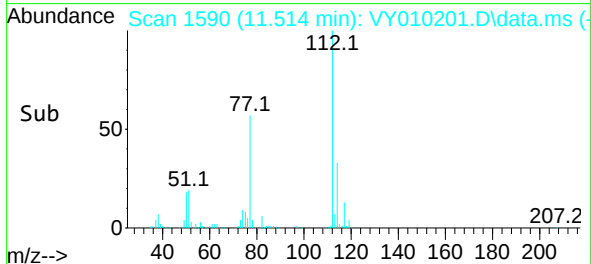
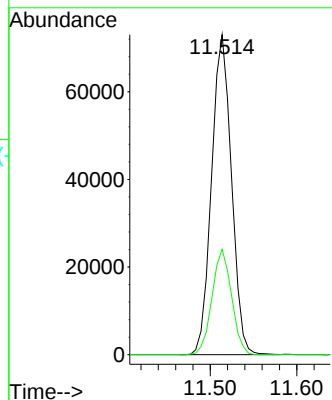
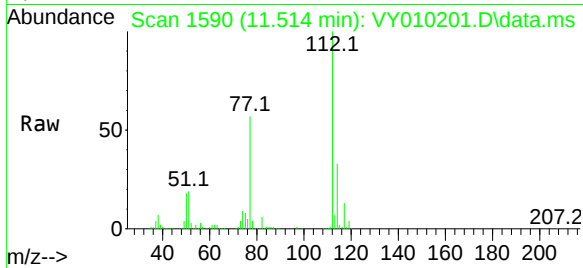




#65
Chlorobenzene
Concen: 19.438 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

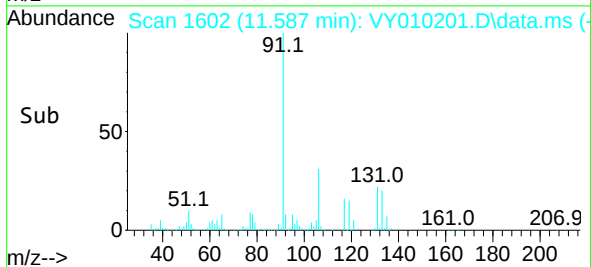
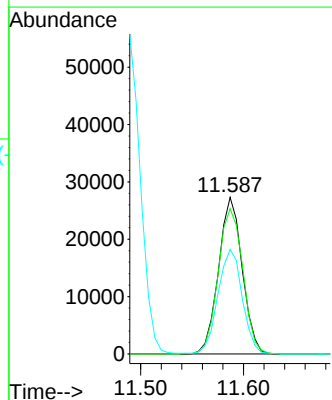
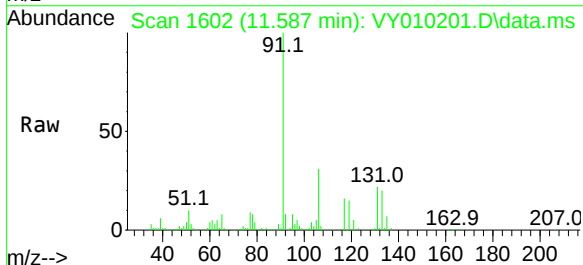
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

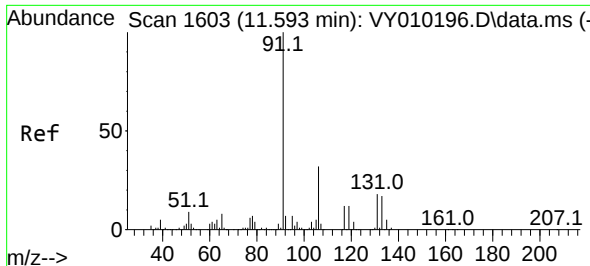
Tgt Ion:112 Resp: 116438
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.095 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion:131 Resp: 43571
Ion Ratio Lower Upper
131 100
133 97.1 47.9 143.6
119 68.6 30.8 92.3

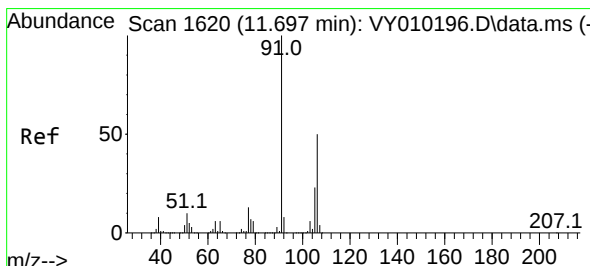
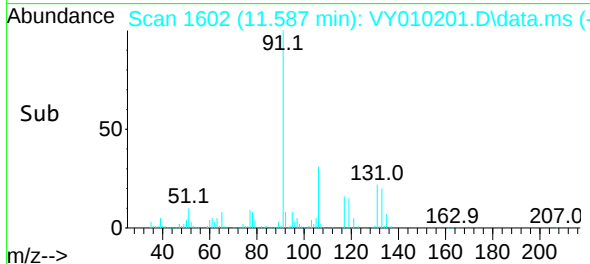
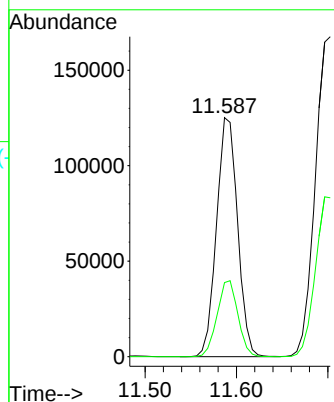
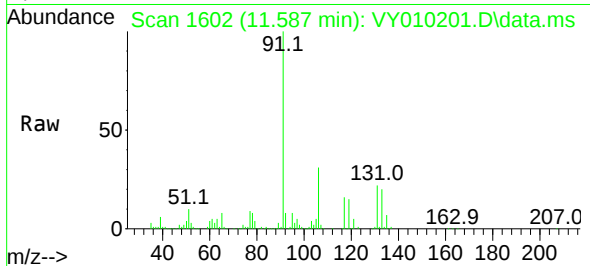




#67
Ethyl Benzene
Concen: 19.482 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

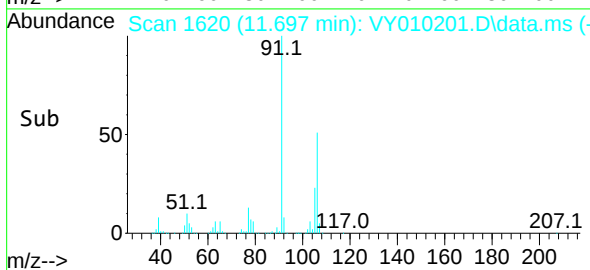
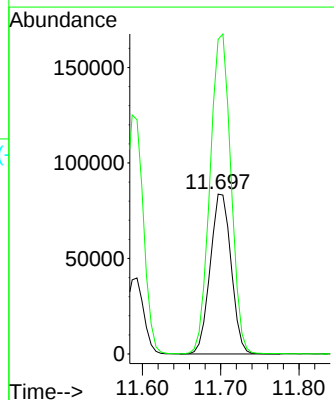
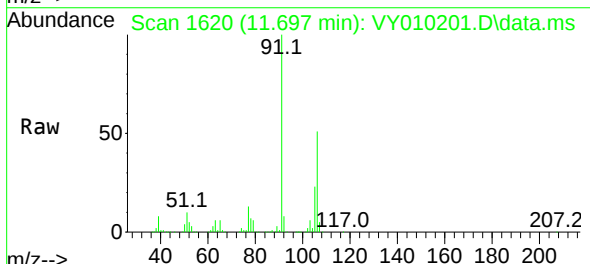
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

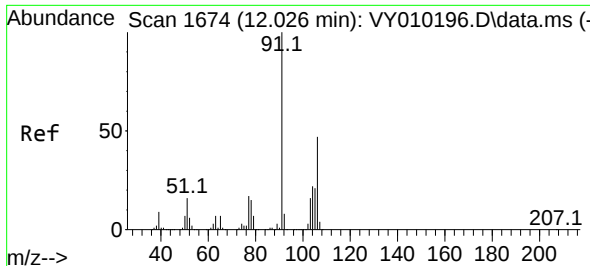
Tgt Ion: 91 Resp: 200574
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7



#68
m/p-Xylenes
Concen: 39.243 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion:106 Resp: 155128
Ion Ratio Lower Upper
106 100
91 199.6 166.6 249.8

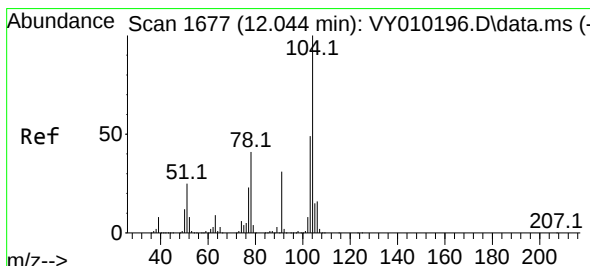
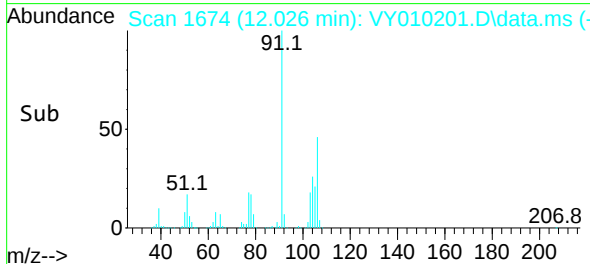
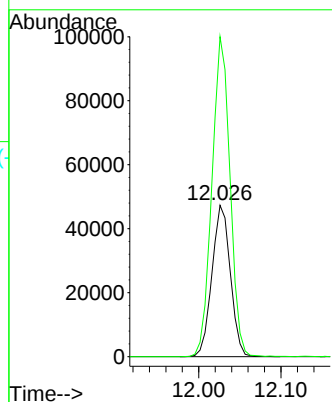
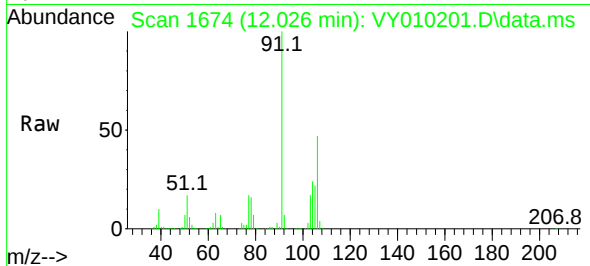




#69
o-Xylene
Concen: 19.486 ug/l
RT: 12.026 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

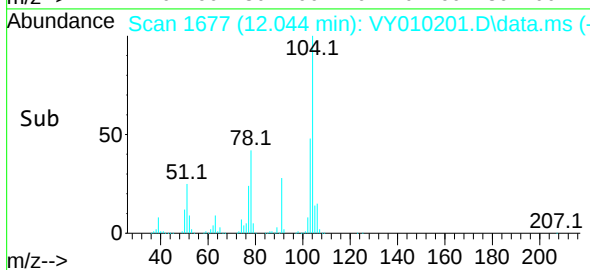
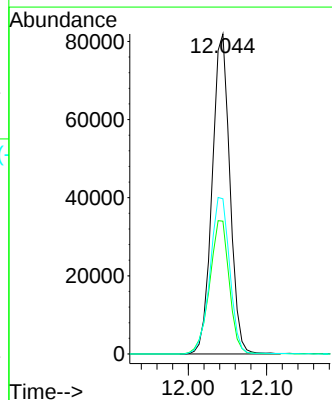
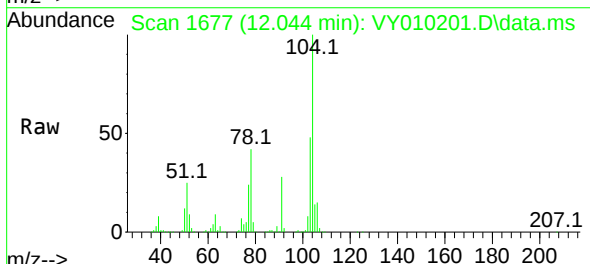
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

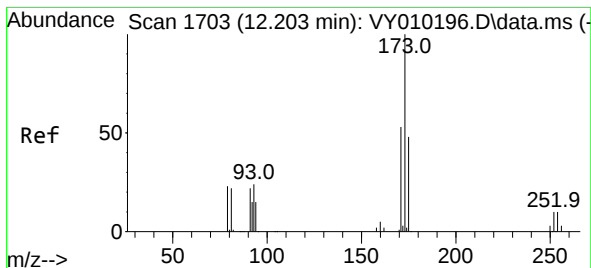
Tgt Ion:106 Resp: 73517
Ion Ratio Lower Upper
106 100
91 208.0 110.3 331.0



#70
Styrene
Concen: 19.942 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion:104 Resp: 128790
Ion Ratio Lower Upper
104 100
78 46.2 42.4 63.6
103 54.1 44.4 66.6





#71

Bromoform

Concen: 19.660 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

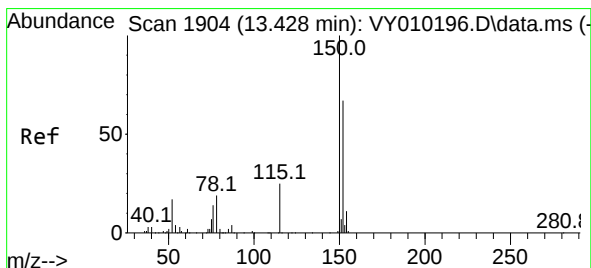
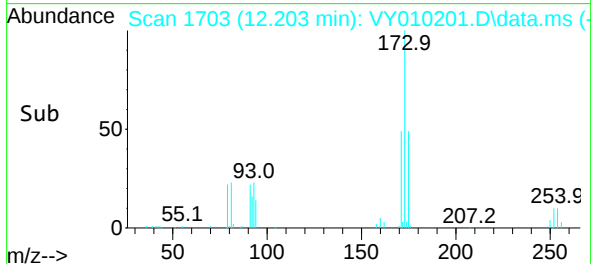
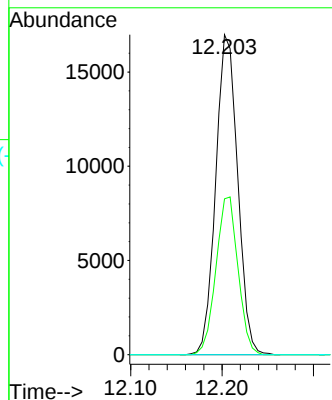
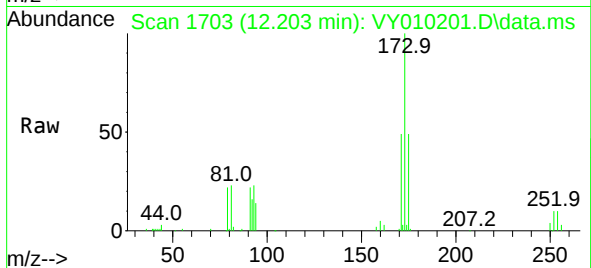
Tgt Ion:173 Resp: 28321

Ion Ratio Lower Upper

173 100

175 49.6 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

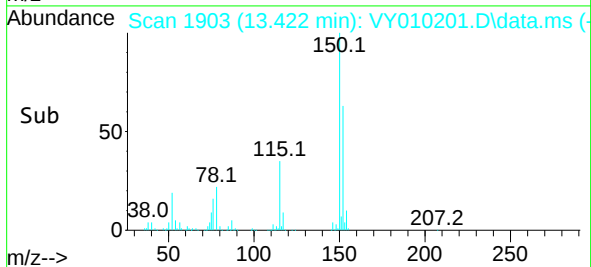
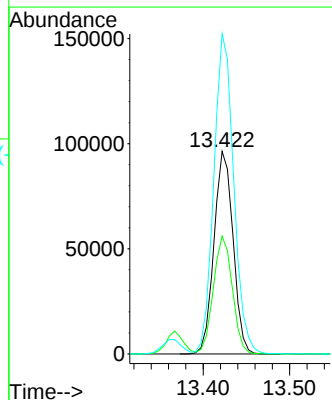
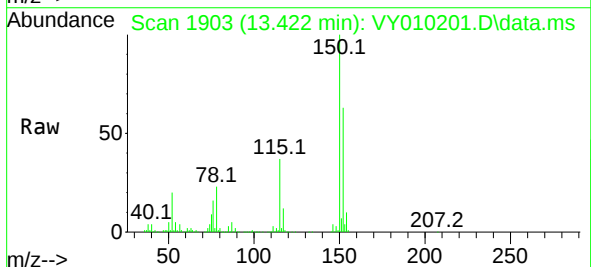
Tgt Ion:152 Resp: 147405

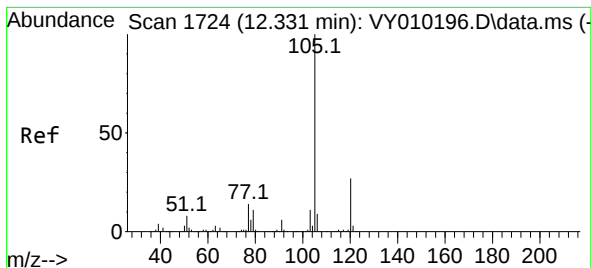
Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 165.1 0.0 347.6





#73

Isopropylbenzene

Concen: 19.606 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

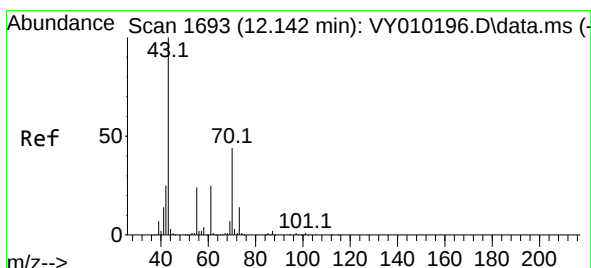
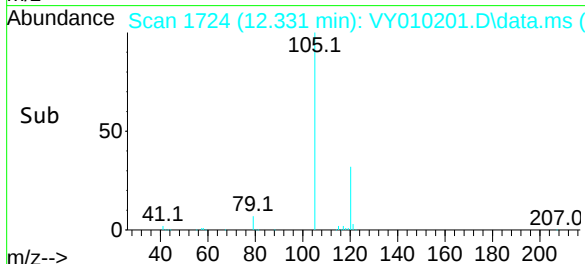
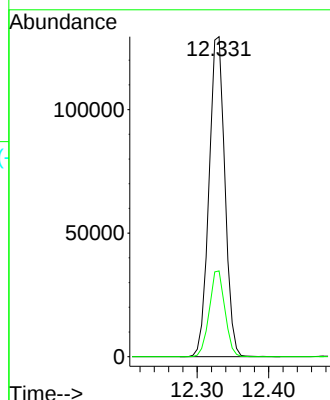
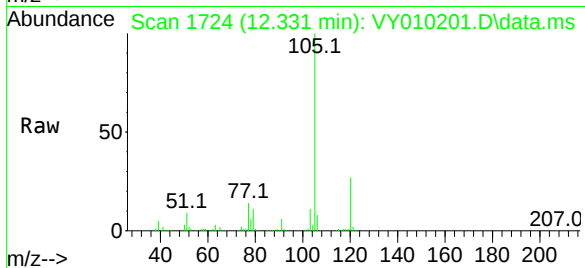
VY0825SBS01

Tgt Ion:105 Resp: 199356

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 21.066 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Tgt Ion: 43 Resp: 58618

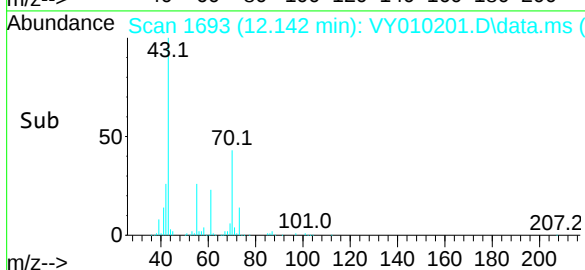
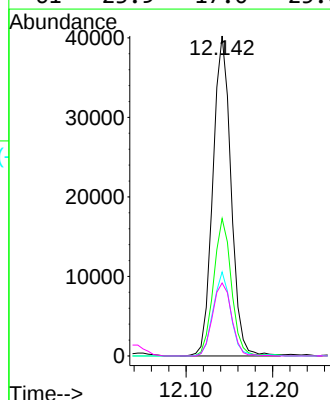
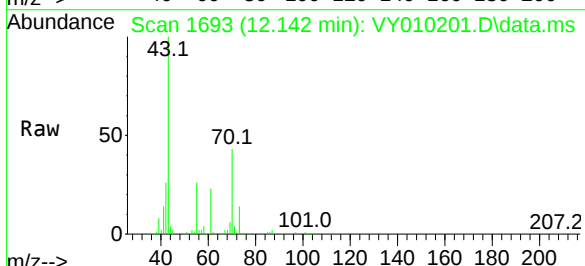
Ion Ratio Lower Upper

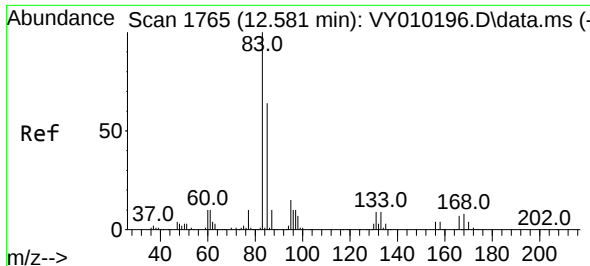
43 100

70 42.4 28.7 43.1

55 25.2 17.3 25.9

61 23.9 17.0 25.6

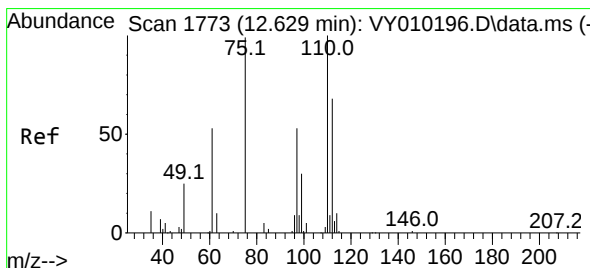
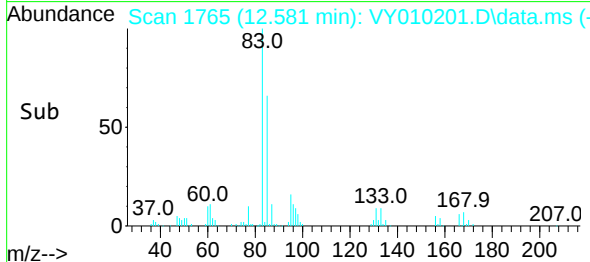
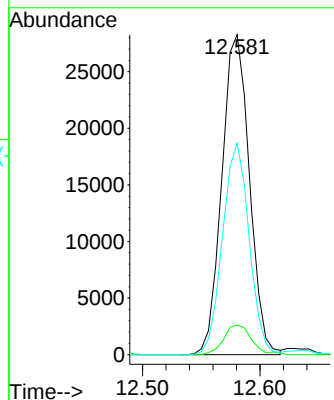
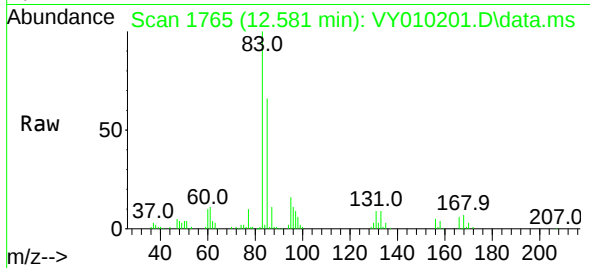




#75
 1,1,2-Tetrachloroethane
 Concen: 20.625 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY010201.D
 Acq: 25 Aug 2022 12:38

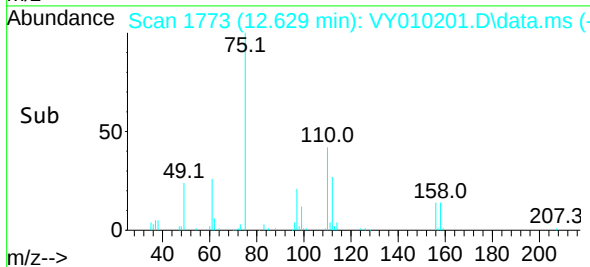
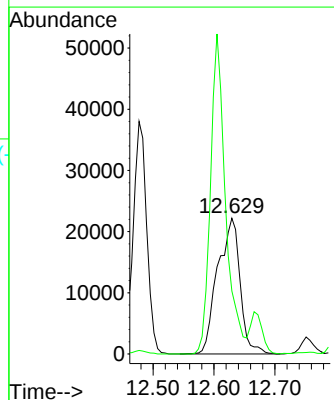
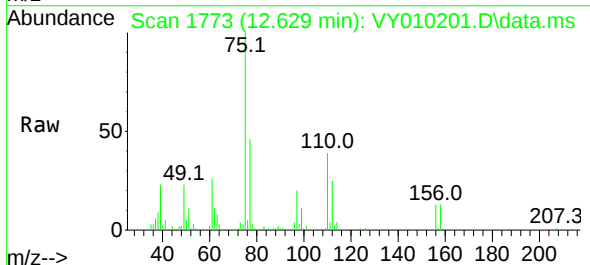
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBS01

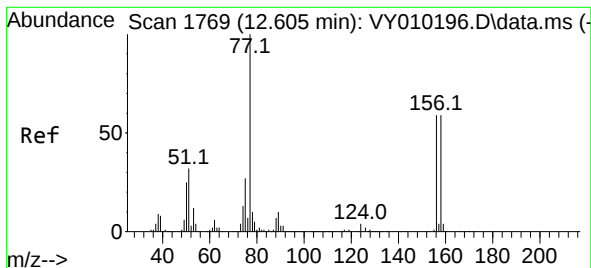
Tgt Ion: 83 Resp: 46122
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.6 16.8
 85 63.9 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 34.944 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY010201.D
 Acq: 25 Aug 2022 12:38

Tgt Ion: 75 Resp: 56731
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.241 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

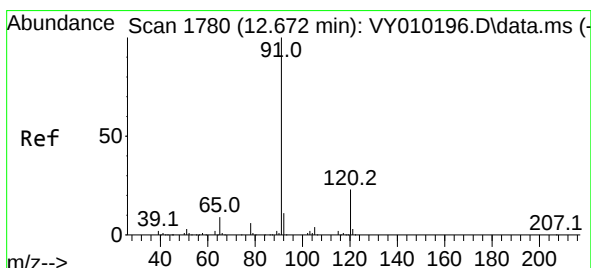
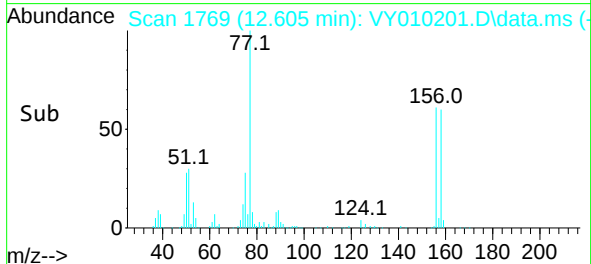
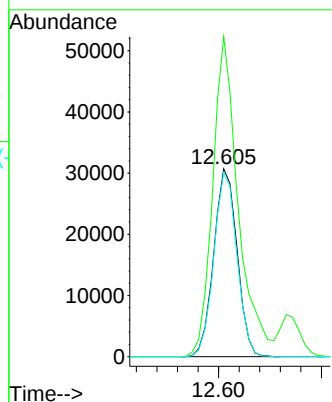
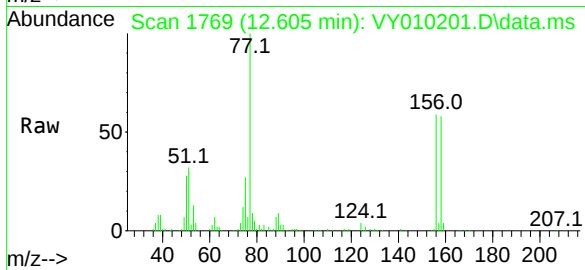
Tgt Ion:156 Resp: 48326

Ion Ratio Lower Upper

156 100

77 187.1 95.5 286.4

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 20.058 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY010201.D

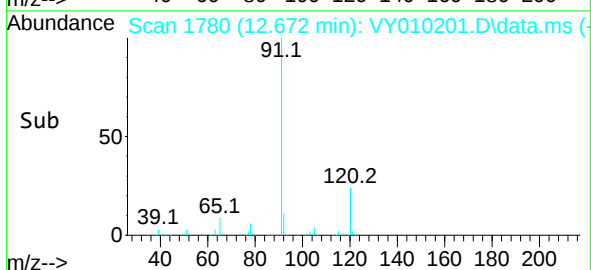
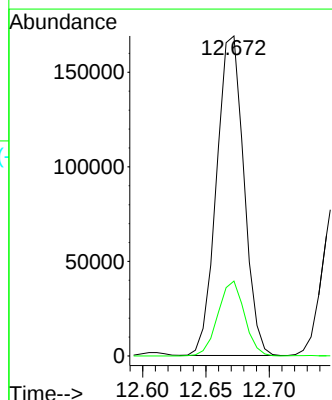
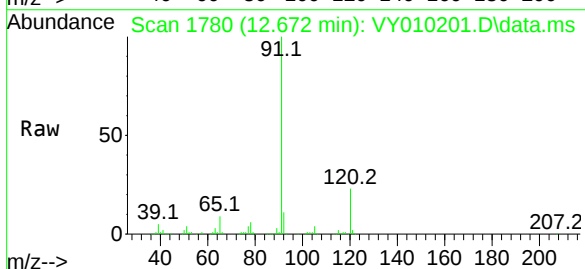
Acq: 25 Aug 2022 12:38

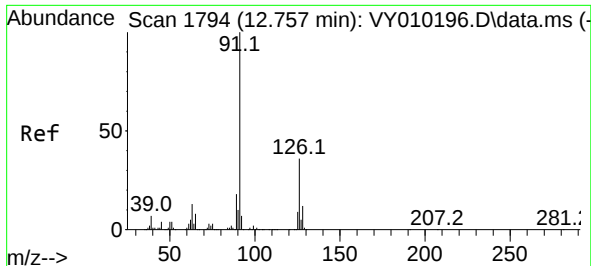
Tgt Ion: 91 Resp: 253742

Ion Ratio Lower Upper

91 100

120 22.7 11.3 33.9





#79

2-Chlorotoluene

Concen: 19.985 ug/l

RT: 12.751 min Scan# 1794

Delta R.T. -0.006 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

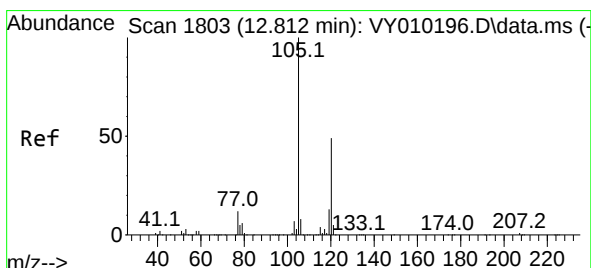
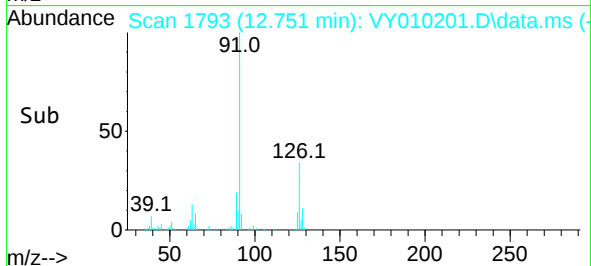
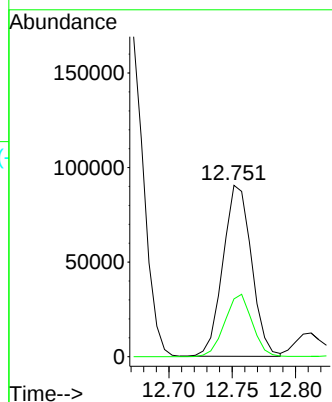
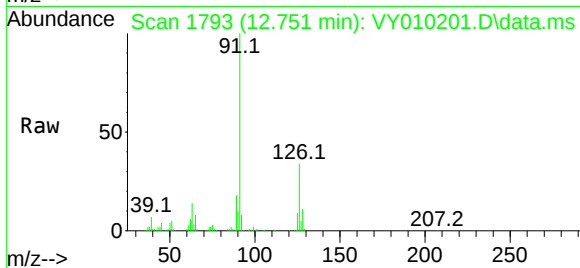
VY0825SBS01

Tgt Ion: 91 Resp: 142304

Ion Ratio Lower Upper

91 100

126 35.1 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 20.097 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY010201.D

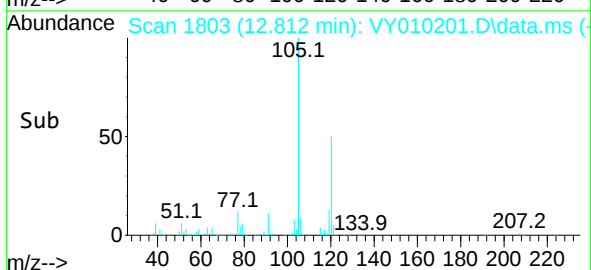
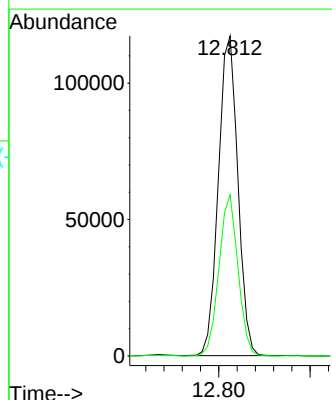
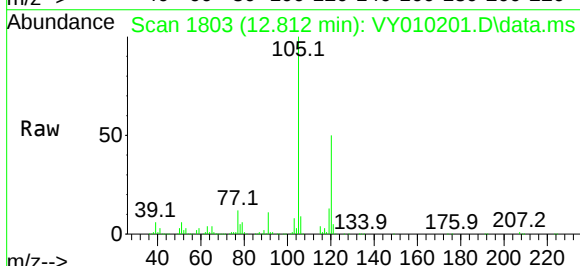
Acq: 25 Aug 2022 12:38

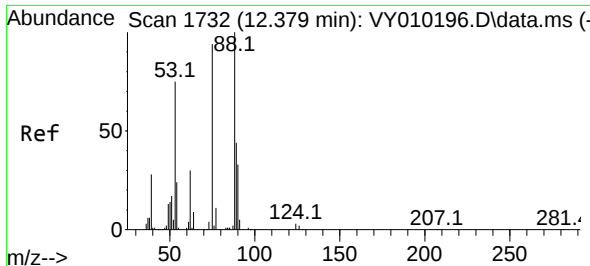
Tgt Ion:105 Resp: 173693

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.4

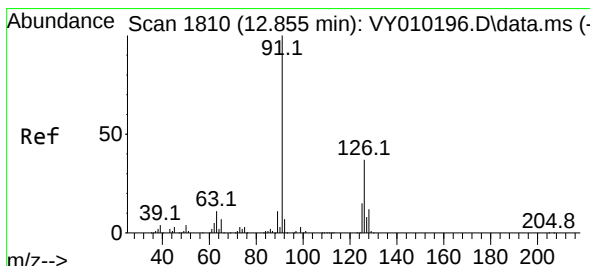
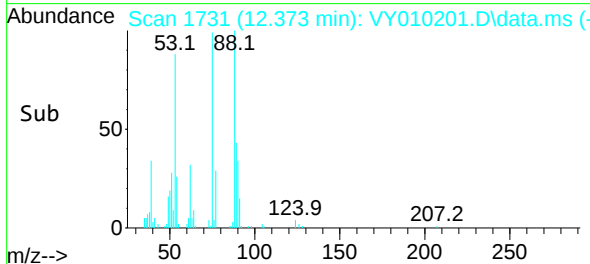
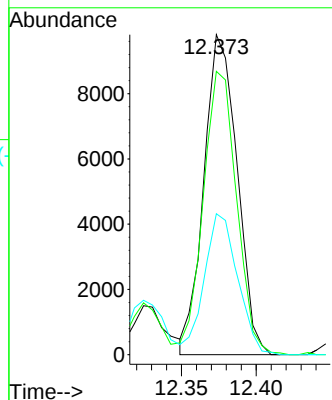
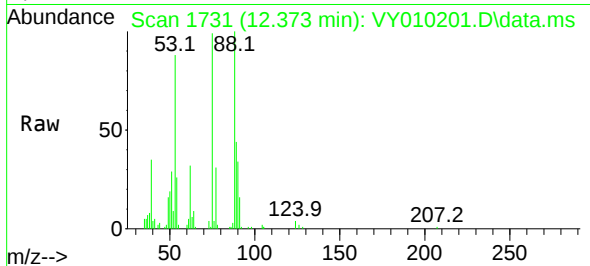




#81
trans-1,4-Dichloro-2-butene
Concen: 19.842 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

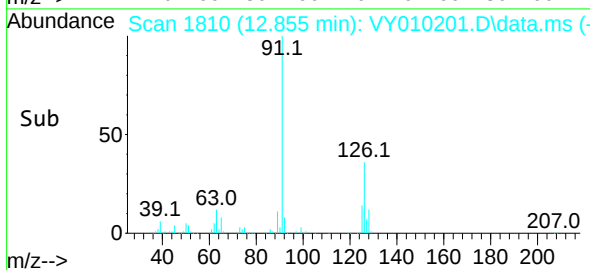
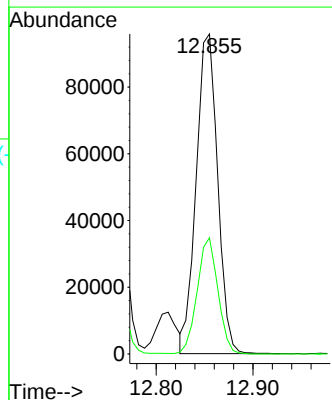
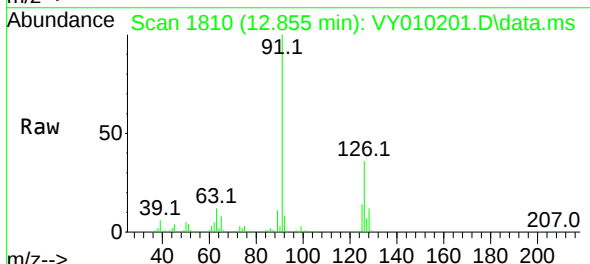
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

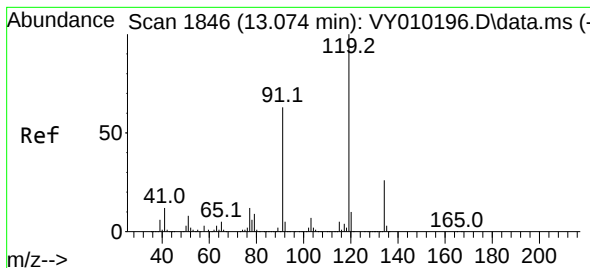
Tgt Ion: 75 Resp: 15150
Ion Ratio Lower Upper
75 100
53 89.4 85.3 127.9
89 44.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.849 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion: 91 Resp: 147821
Ion Ratio Lower Upper
91 100
126 35.2 17.0 51.0





#83

tert-Butylbenzene

Concen: 20.206 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

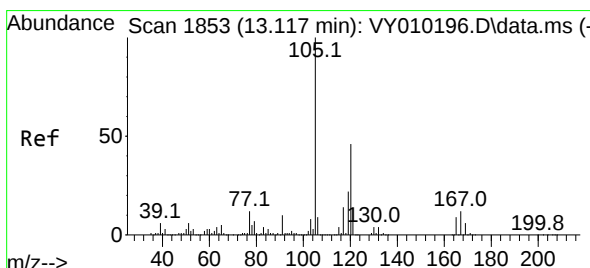
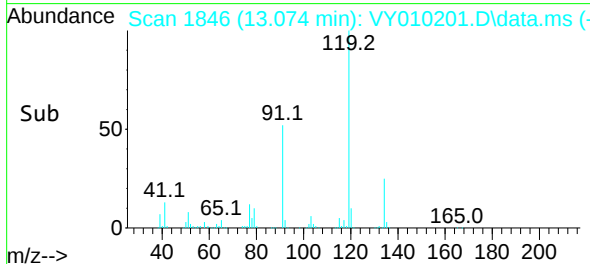
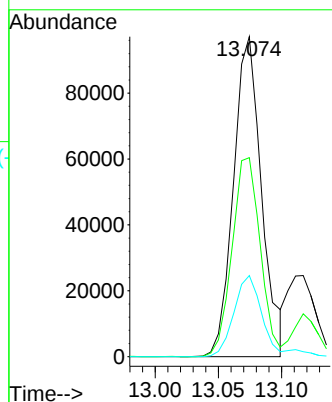
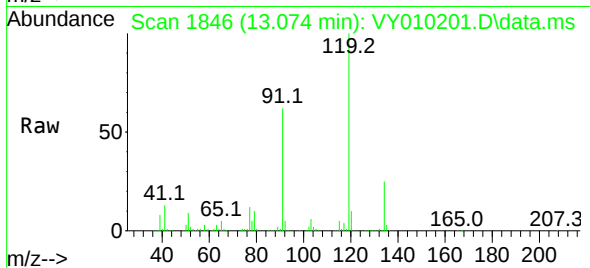
Tgt Ion:119 Resp: 150044

Ion Ratio Lower Upper

119 100

91 62.4 34.8 104.4

134 26.4 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.129 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010201.D

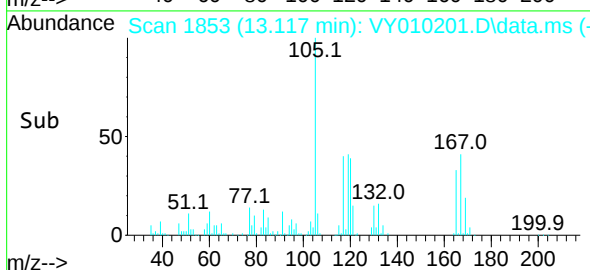
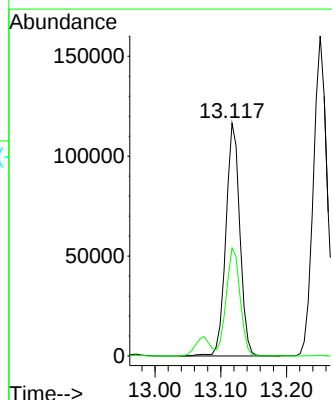
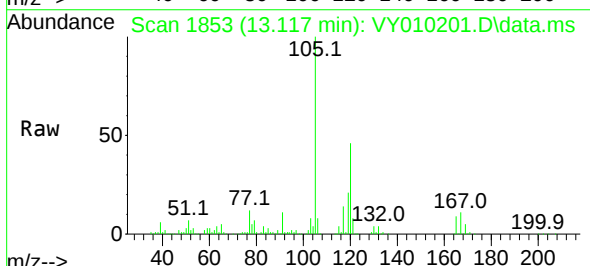
Acq: 25 Aug 2022 12:38

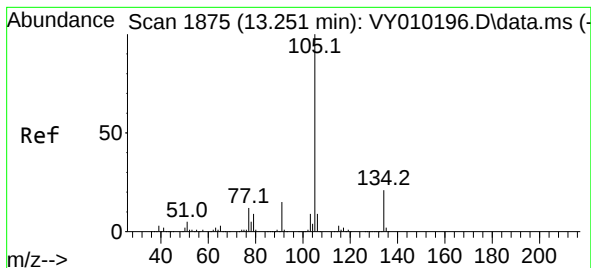
Tgt Ion:105 Resp: 172111

Ion Ratio Lower Upper

105 100

120 46.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.486 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

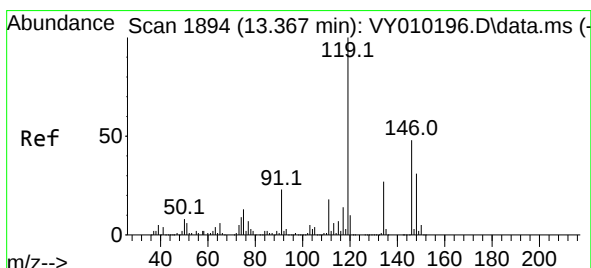
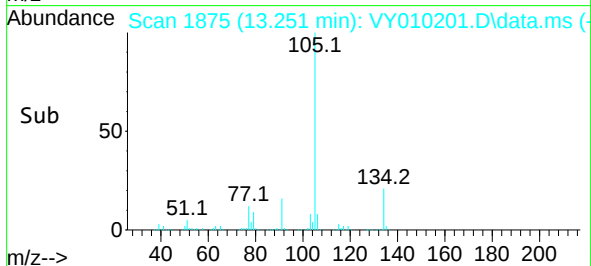
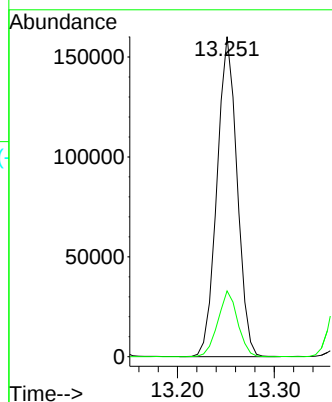
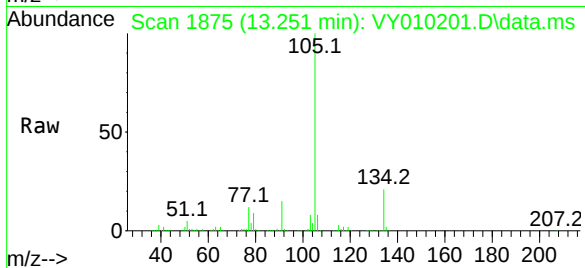
VY0825SBS01

Tgt Ion:105 Resp: 231612

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.279 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

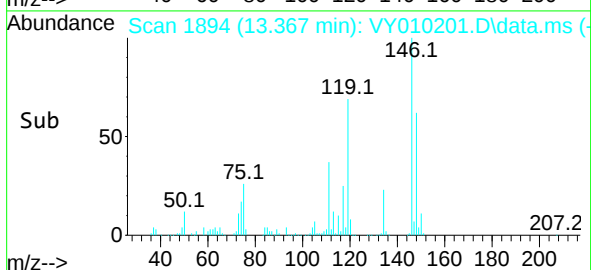
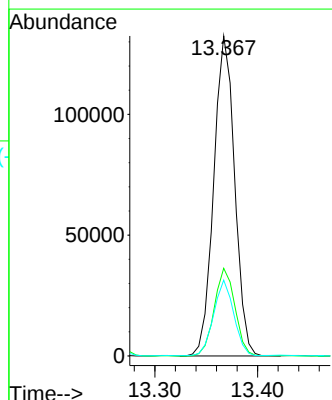
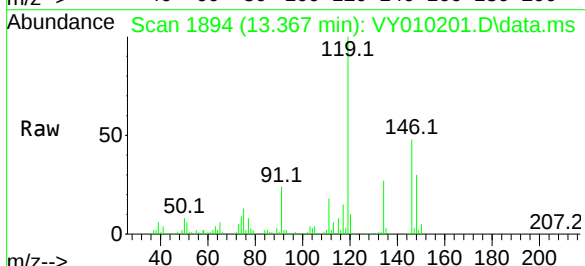
Tgt Ion:119 Resp: 186984

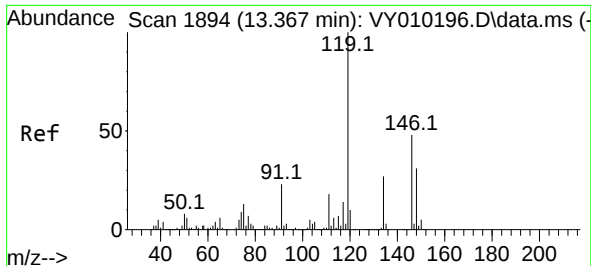
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

91 22.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.700 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

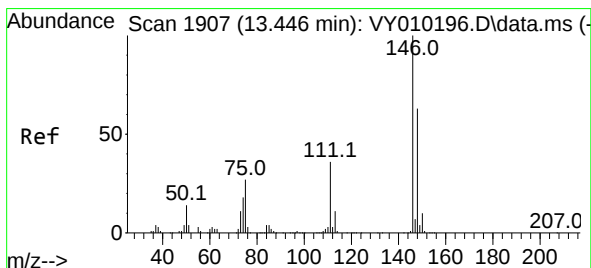
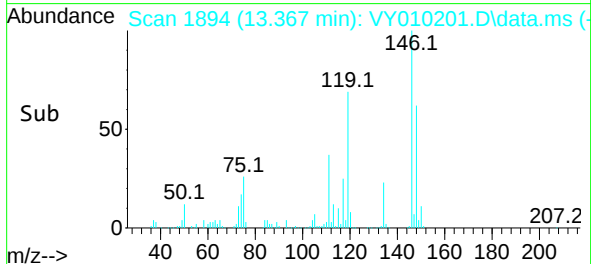
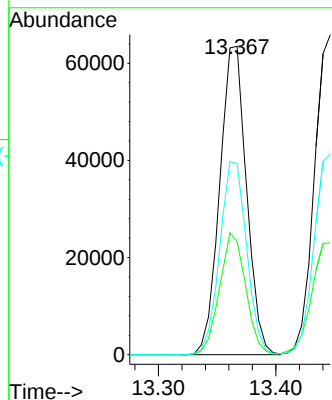
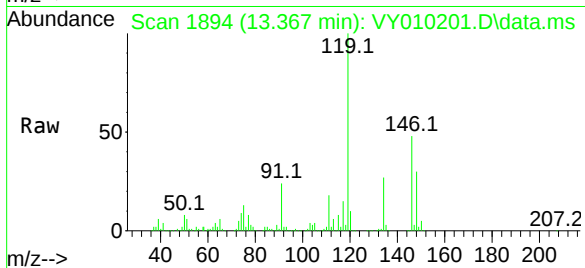
Tgt Ion:146 Resp: 100728

Ion Ratio Lower Upper

146 100

111 38.4 19.5 58.5

148 63.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 19.521 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

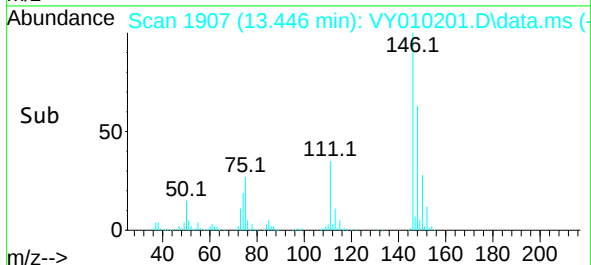
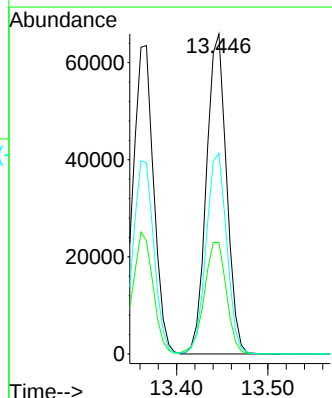
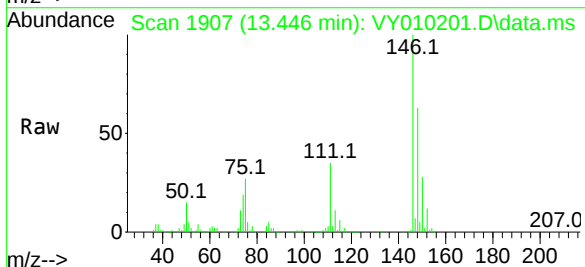
Tgt Ion:146 Resp: 100660

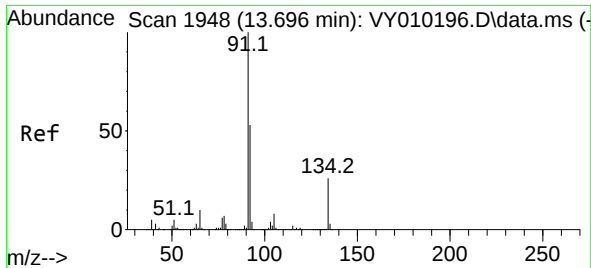
Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.8

148 64.3 32.6 97.8

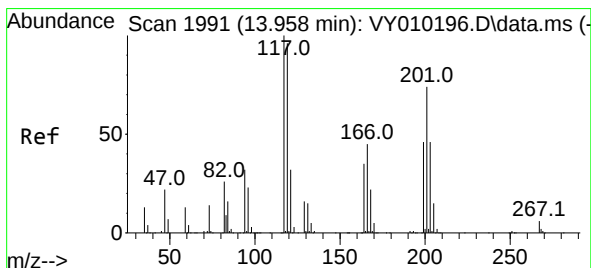
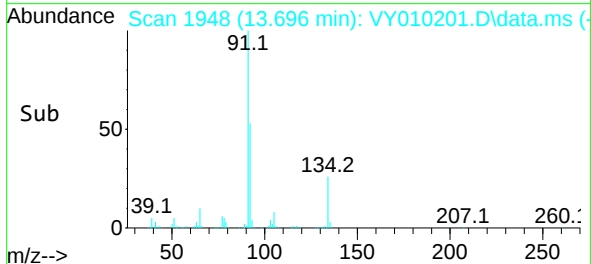
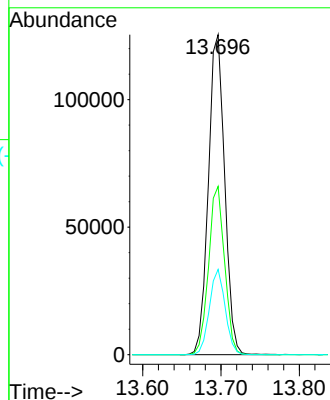
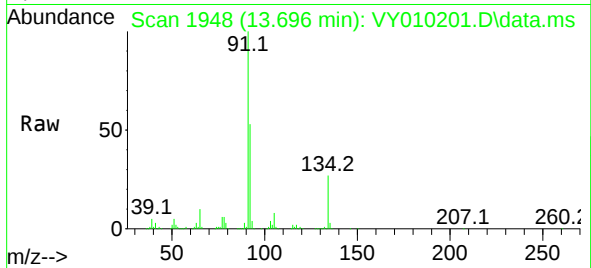




#89
n-Butylbenzene
Concen: 20.478 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

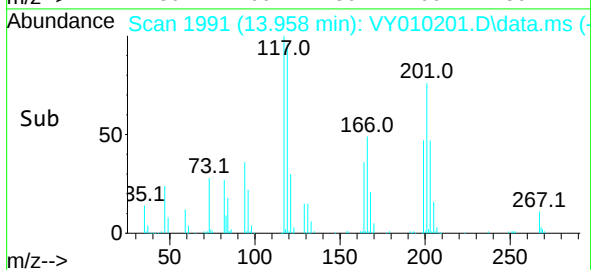
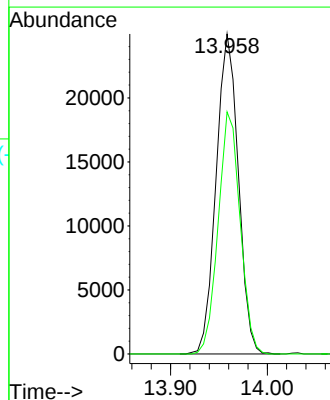
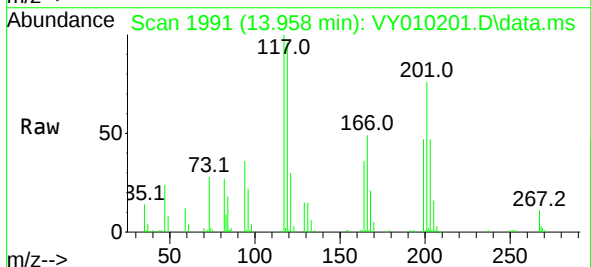
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

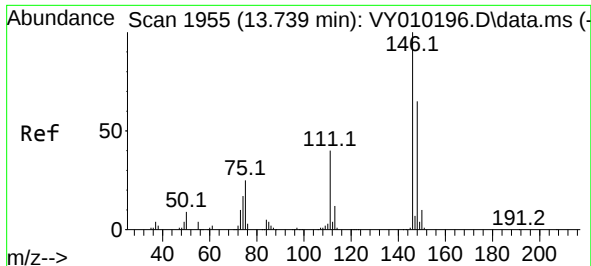
Tgt Ion: 91 Resp: 181161
Ion Ratio Lower Upper
91 100
92 51.7 26.3 78.9
134 25.8 13.0 38.9



#90
Hexachloroethane
Concen: 20.407 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY010201.D
Acq: 25 Aug 2022 12:38

Tgt Ion: 117 Resp: 39716
Ion Ratio Lower Upper
117 100
201 74.8 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 19.631 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

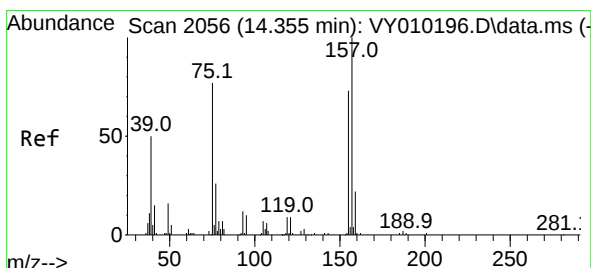
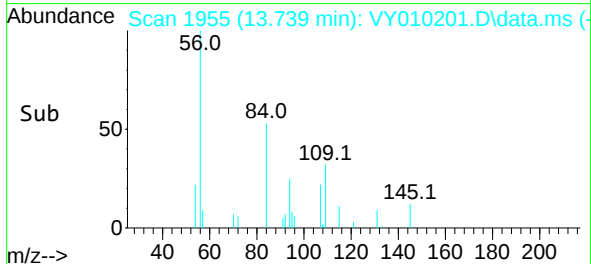
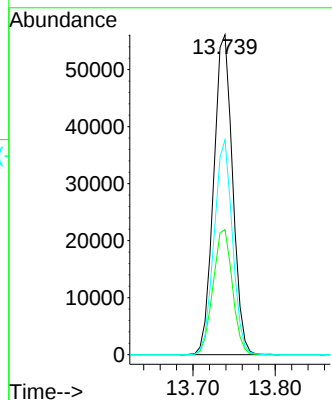
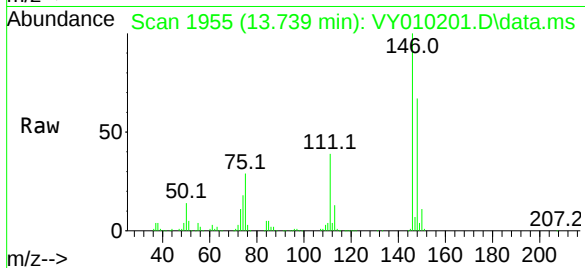
Tgt Ion:146 Resp: 89748

Ion Ratio Lower Upper

146 100

111 40.0 20.3 60.9

148 65.1 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.217 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

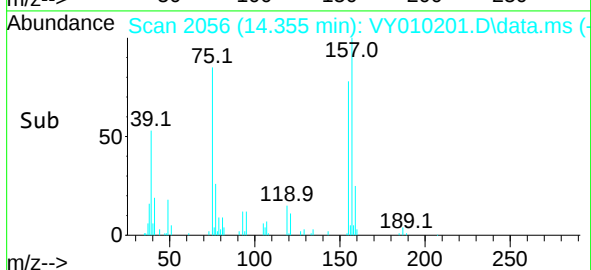
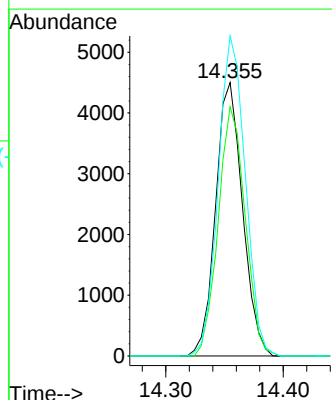
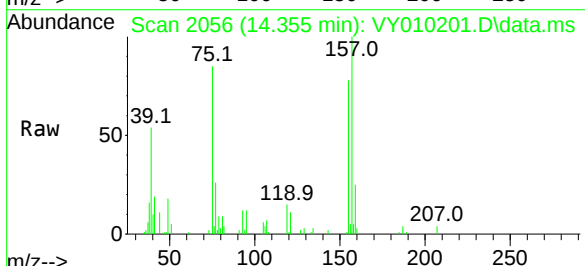
Tgt Ion: 75 Resp: 7165

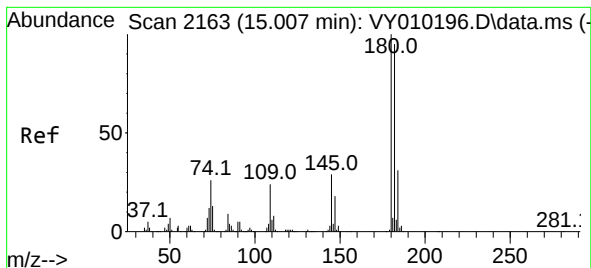
Ion Ratio Lower Upper

75 100

155 91.1 38.0 113.9

157 117.6 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 21.988 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

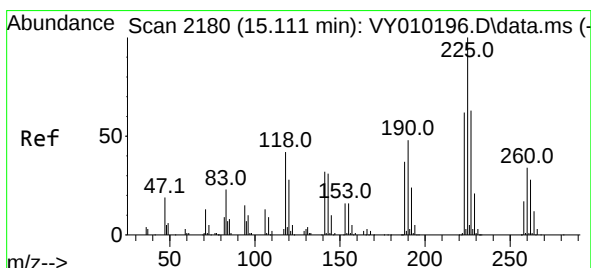
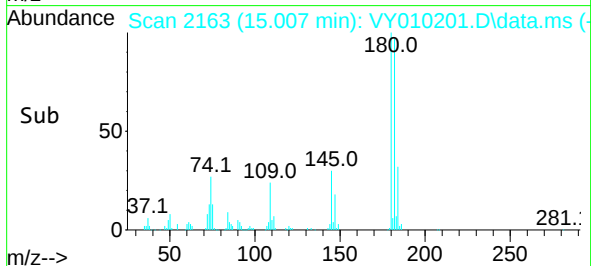
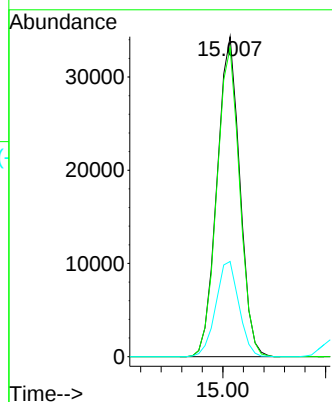
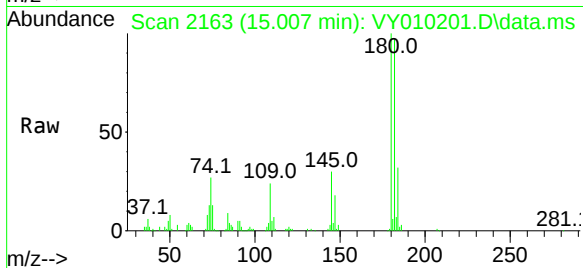
Tgt Ion:180 Resp: 52715

Ion Ratio Lower Upper

180 100

182 96.7 47.3 141.9

145 30.3 14.6 43.8



#94

Hexachlorobutadiene

Concen: 25.513 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

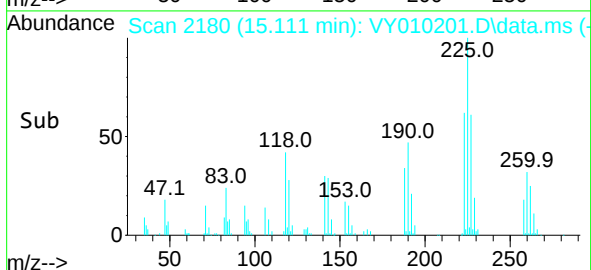
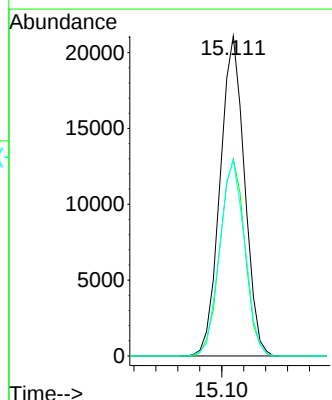
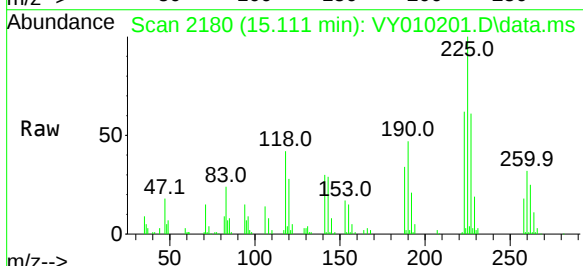
Tgt Ion:225 Resp: 32638

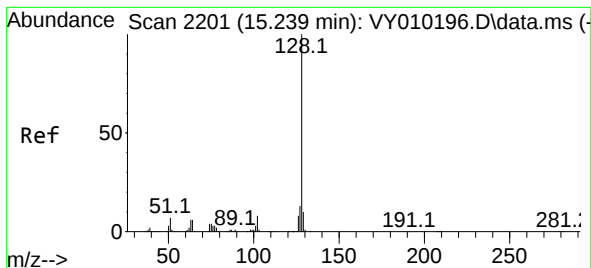
Ion Ratio Lower Upper

225 100

223 62.4 30.8 92.3

227 62.7 31.6 94.7





#95

Naphthalene

Concen: 21.988 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

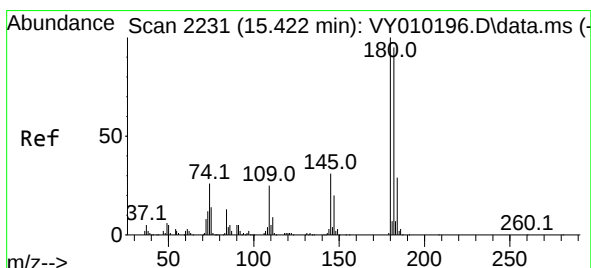
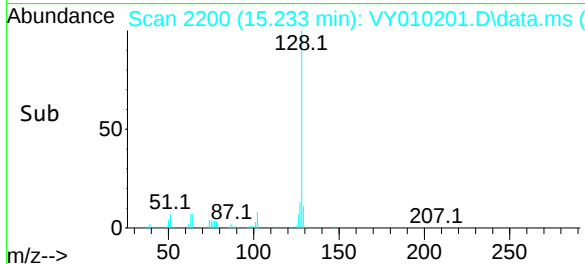
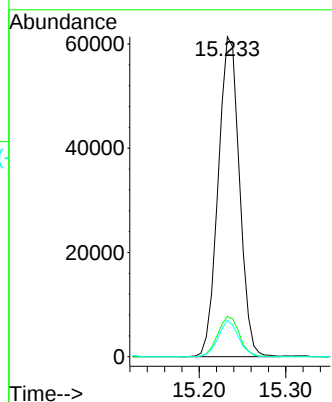
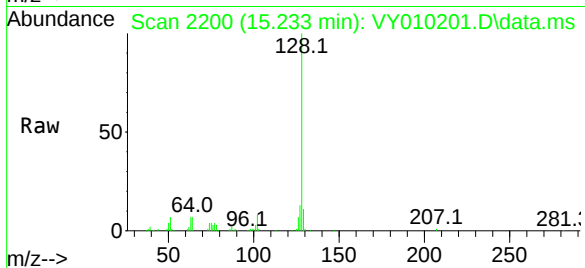
Tgt Ion:128 Resp: 104867

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 22.279 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010201.D

Acq: 25 Aug 2022 12:38

Tgt Ion:180 Resp: 47058

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.9

145 30.7 15.3 45.9

