

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012038.D
 Acq On : 03 Jan 2023 11:50
 Operator : KP/MD
 Sample : VY0103SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0103SBS01

Quant Time: Jan 04 01:15:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	171932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	256849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	238242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127743	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	87349	50.427	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.860%	
35) Dibromofluoromethane	7.716	113	75533	48.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.700%	
50) Toluene-d8	10.179	98	299748	47.778	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.560%	
62) 4-Bromofluorobenzene	12.477	95	107600	50.996	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34184	26.165	ug/l	95
3) Chloromethane	2.113	50	30709	20.068	ug/l	96
4) Vinyl Chloride	2.253	62	35780	21.203	ug/l	98
5) Bromomethane	2.643	94	27569	22.963	ug/l	94
6) Chloroethane	2.790	64	24436	22.153	ug/l	99
7) Trichlorofluoromethane	3.125	101	70137	23.742	ug/l	100
8) Diethyl Ether	3.527	74	19263	21.134	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	35079	21.571	ug/l	96
10) Methyl Iodide	4.088	142	43474	19.322	ug/l	92
11) Tert butyl alcohol	4.954	59	18562	86.076	ug/l	99
12) 1,1-Dichloroethene	3.875	96	34616	21.280	ug/l	97
13) Acrolein	3.735	56	16653	102.846	ug/l	99
14) Allyl chloride	4.472	41	41735	17.422	ug/l #	83
15) Acrylonitrile	5.161	53	43772	103.236	ug/l	98
16) Acetone	3.942	43	41530	83.614	ug/l	99
17) Carbon Disulfide	4.192	76	108851	20.978	ug/l	99
18) Methyl Acetate	4.472	43	23138	19.331	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	91364	21.890	ug/l	95
20) Methylene Chloride	4.710	84	41459	16.800	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	38817	21.001	ug/l	94
22) Diisopropyl ether	6.118	45	91921	19.483	ug/l #	91
23) Vinyl Acetate	6.057	43	273808	100.873	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	61689	20.116	ug/l	99
25) 2-Butanone	6.984	43	53623	92.934	ug/l	89
26) 2,2-Dichloropropane	6.978	77	63554	21.179	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	42148	21.084	ug/l	94
28) Bromochloromethane	7.332	49	15406	18.307	ug/l #	80
29) Tetrahydrofuran	7.350	42	32258	98.674	ug/l	88
30) Chloroform	7.502	83	69983	21.172	ug/l	97
31) Cyclohexane	7.783	56	57711	19.791	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	69796	22.200	ug/l	99
36) 1,1-Dichloropropene	7.911	75	53721	21.659	ug/l	98
37) Ethyl Acetate	7.069	43	24439	21.962	ug/l #	94
38) Carbon Tetrachloride	7.899	117	67125	23.433	ug/l	97
39) Methylcyclohexane	9.185	83	65199	21.846	ug/l	96
40) Benzene	8.161	78	149621	21.079	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	31270	58.110	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	47633	23.311	ug/l	98
43) Isopropyl Acetate	8.270	43	42856	21.087	ug/l	95
44) Trichloroethene	8.941	130	43586	21.785	ug/l	96
45) 1,2-Dichloropropane	9.215	63	32398	19.754	ug/l	100
46) Dibromomethane	9.307	93	20966	22.194	ug/l	98
47) Bromodichloromethane	9.496	83	52107	21.741	ug/l	99
48) Methyl methacrylate	9.289	41	19794	21.035	ug/l	95
49) 1,4-Dioxane	9.295	88	5335	473.004	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	112637	103.937	ug/l	96
52) Toluene	10.240	92	101244	22.387	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	55059	22.735	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	58113	21.348	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	29032	21.656	ug/l	98
56) Ethyl methacrylate	10.508	69	37490	22.088	ug/l	97
57) 1,3-Dichloropropane	10.788	76	49332	22.051	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	71202	108.713	ug/l	91
59) 2-Hexanone	10.831	43	80331	100.760	ug/l	96
60) Dibromochloromethane	10.983	129	38791	22.970	ug/l	99
61) 1,2-Dibromoethane	11.087	107	28175	22.464	ug/l	100
64) Tetrachloroethene	10.721	164	47860	22.951	ug/l	92
65) Chlorobenzene	11.514	112	105277	21.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	39954	21.708	ug/l	96
67) Ethyl Benzene	11.593	91	190656	21.322	ug/l	99
68) m/p-Xylenes	11.703	106	153177	44.048	ug/l	98
69) o-Xylene	12.032	106	70800	21.881	ug/l	99
70) Styrene	12.044	104	121557	22.374	ug/l	99
71) Bromoform	12.203	173	25604	23.477	ug/l #	98
73) Isopropylbenzene	12.331	105	195074	20.579	ug/l	99
74) N-amyl acetate	12.142	43	36742	18.906	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	30370	19.205	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	45815	28.823	ug/l #	100
77) Bromobenzene	12.611	156	45487	20.742	ug/l	94
78) n-propylbenzene	12.672	91	230614	20.239	ug/l	98
79) 2-Chlorotoluene	12.757	91	128962	20.135	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	170671	21.029	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	11950	20.588	ug/l	98
82) 4-Chlorotoluene	12.855	91	135462	20.441	ug/l	97
83) tert-Butylbenzene	13.074	119	144635	21.028	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	167707	21.005	ug/l	99
85) sec-Butylbenzene	13.251	105	211021	20.546	ug/l	98
86) p-Isopropyltoluene	13.367	119	183572	21.182	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	93179	21.127	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	91157	20.790	ug/l	99
89) n-Butylbenzene	13.696	91	160782	20.494	ug/l	98
90) Hexachloroethane	13.958	117	34015	20.570	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	80956	21.055	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6519	23.987	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	51892	22.942	ug/l	96
94) Hexachlorobutadiene	15.111	225	31780	21.745	ug/l	99
95) Naphthalene	15.233	128	97030	22.257	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	43573	22.785	ug/l	97

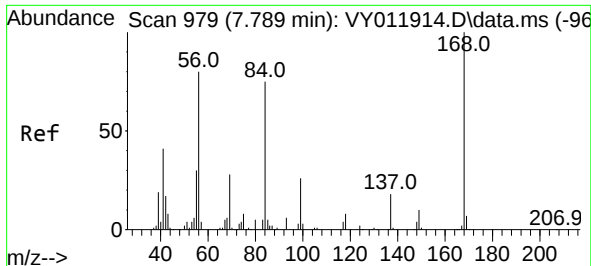
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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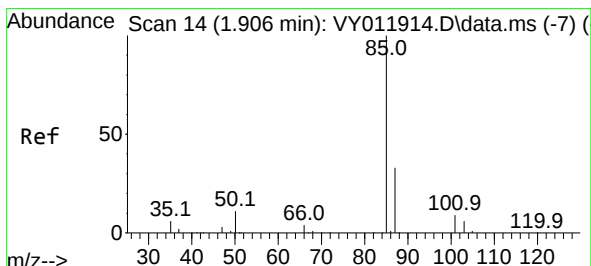
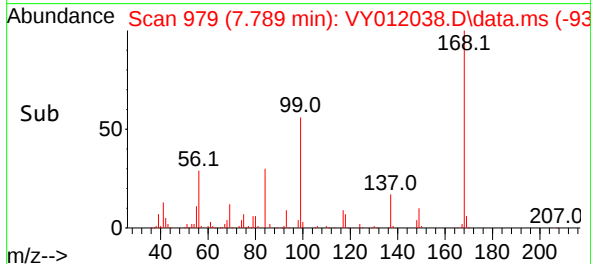
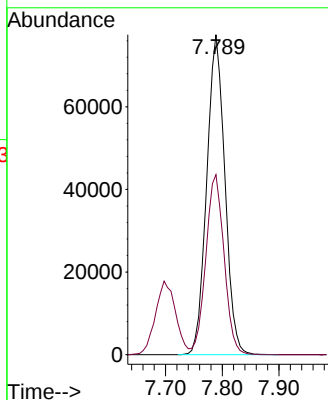
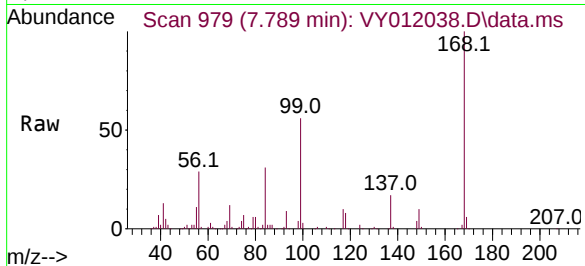
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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Acq: 03 Jan 2023 11:50

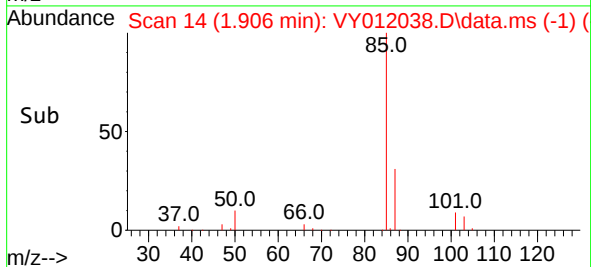
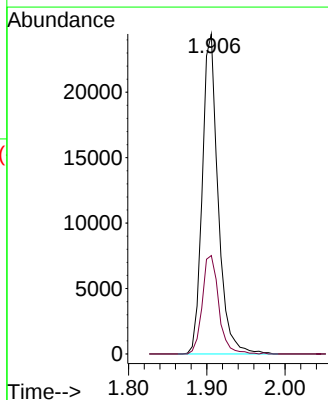
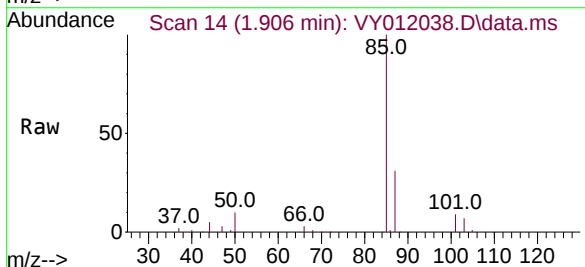
Instrument :
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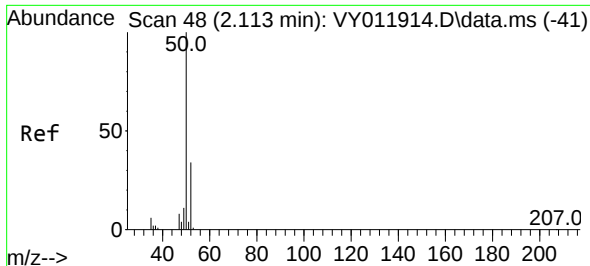
Tgt Ion:168 Resp: 171932
Ion Ratio Lower Upper
168 100
99 56.3 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 26.165 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion: 85 Resp: 34184
Ion Ratio Lower Upper
85 100
87 30.7 16.8 50.4

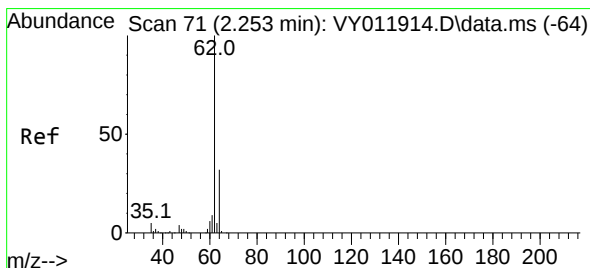
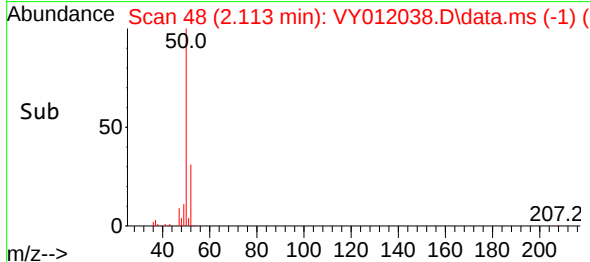
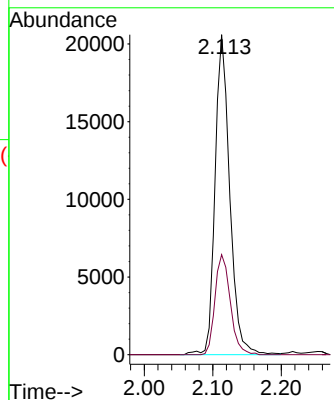
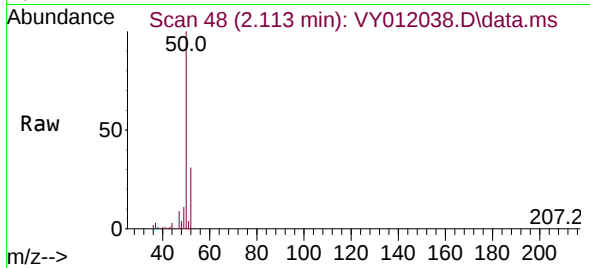




#3
Chloromethane
Concen: 20.068 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

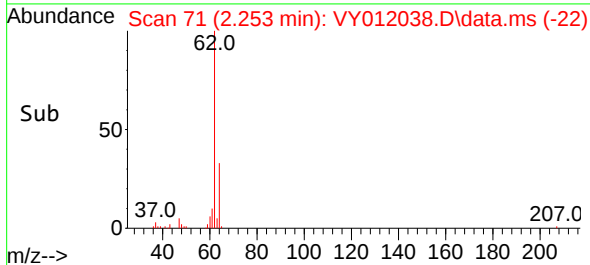
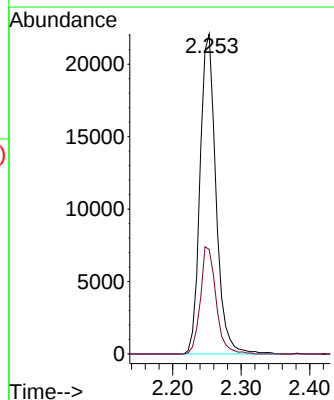
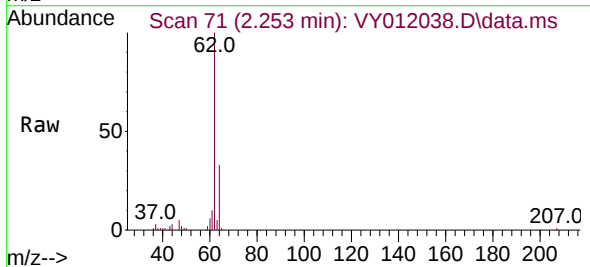
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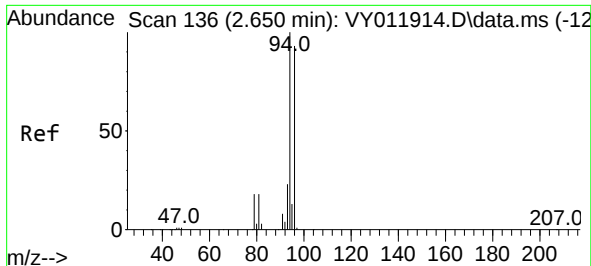
Tgt Ion: 50 Resp: 30709
Ion Ratio Lower Upper
50 100
52 31.3 26.8 40.2



#4
Vinyl Chloride
Concen: 21.203 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion: 62 Resp: 35780
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.6

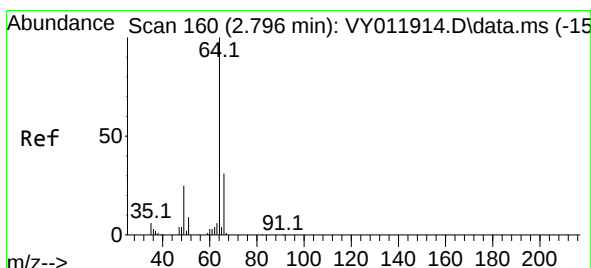
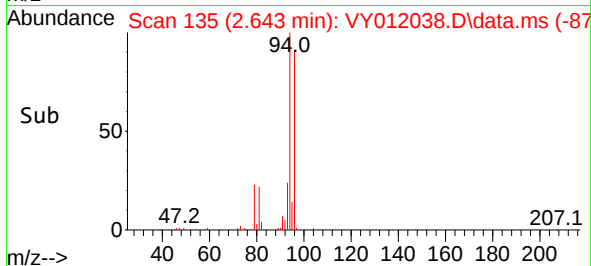
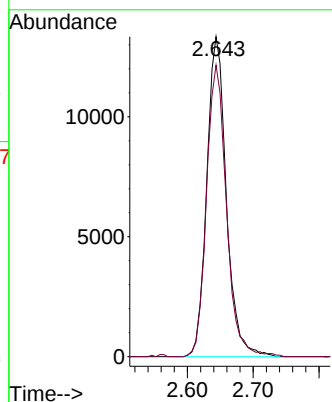
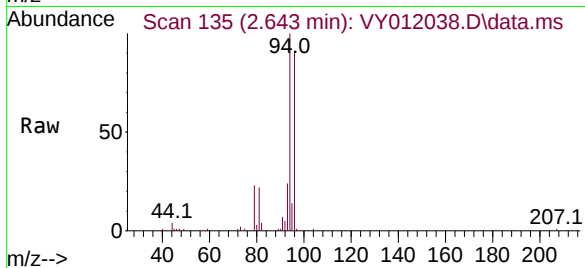




#5
Bromomethane
Concen: 22.963 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

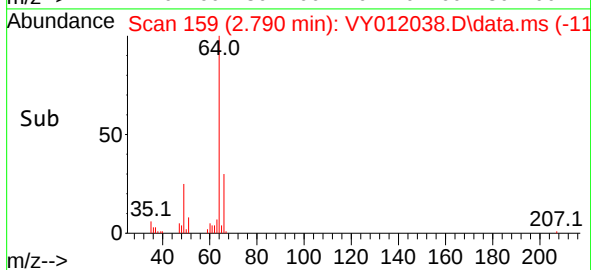
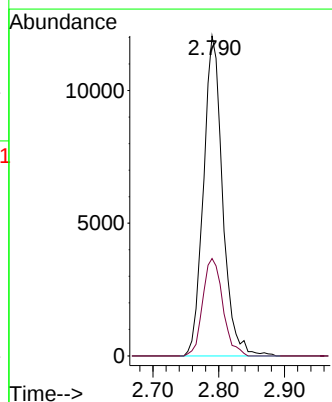
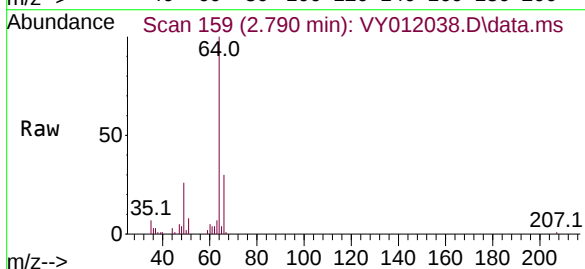
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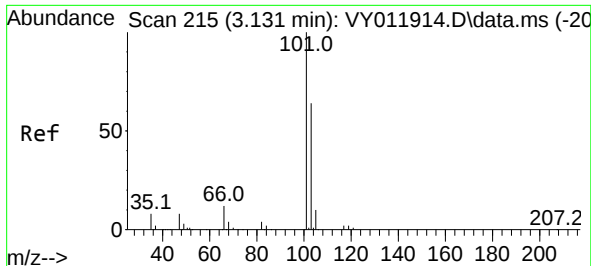
Tgt Ion: 94 Resp: 27569
Ion Ratio Lower Upper
94 100
96 91.1 77.4 116.2



#6
Chloroethane
Concen: 22.153 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion: 64 Resp: 24436
Ion Ratio Lower Upper
64 100
66 30.4 25.0 37.4

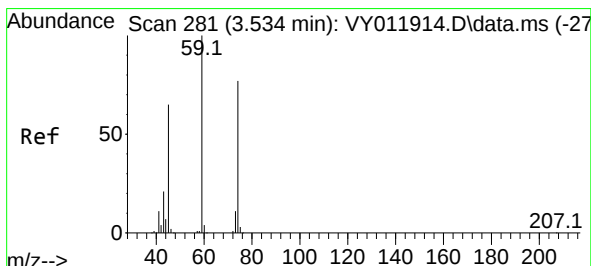
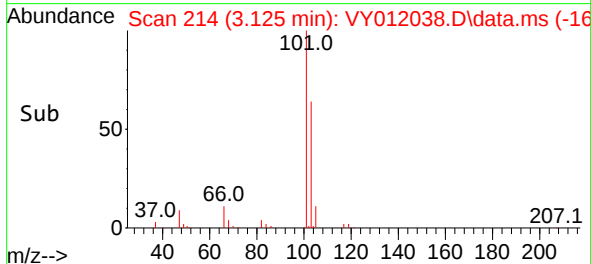
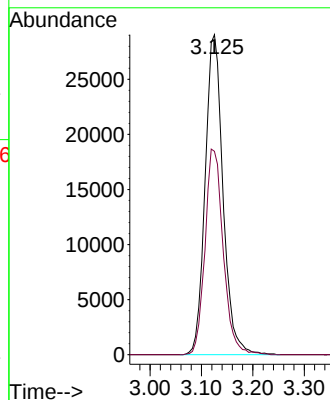
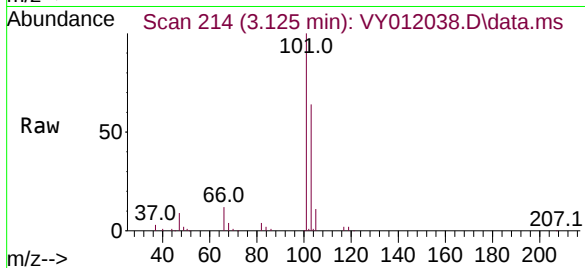




#7
Trichlorofluoromethane
Concen: 23.742 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

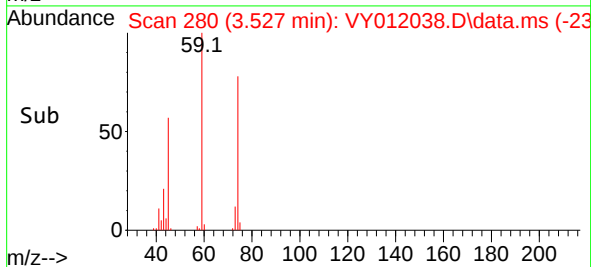
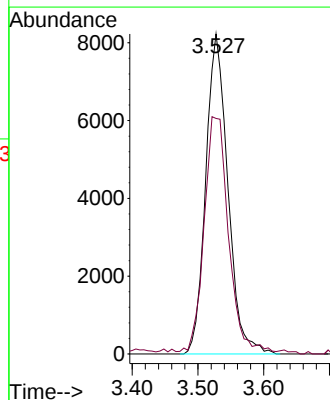
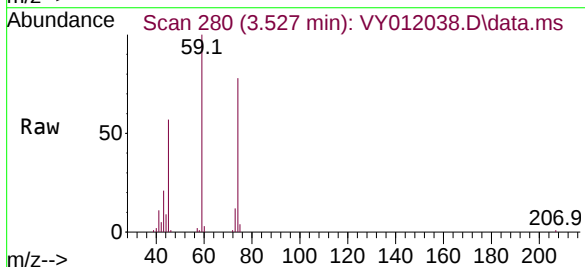
Instrument :
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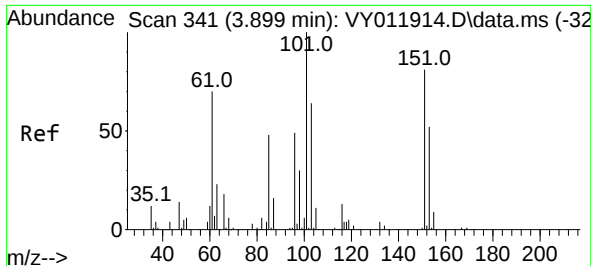
Tgt Ion:101 Resp: 70137
Ion Ratio Lower Upper
101 100
103 63.5 51.0 76.6



#8
Diethyl Ether
Concen: 21.134 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion: 74 Resp: 19263
Ion Ratio Lower Upper
74 100
45 79.6 46.8 140.3

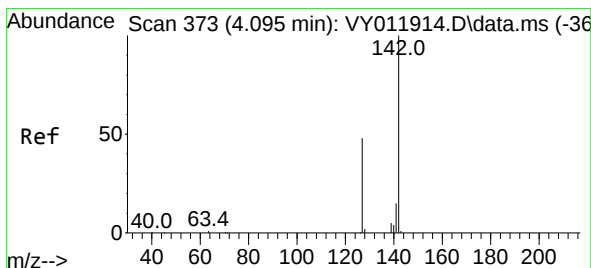
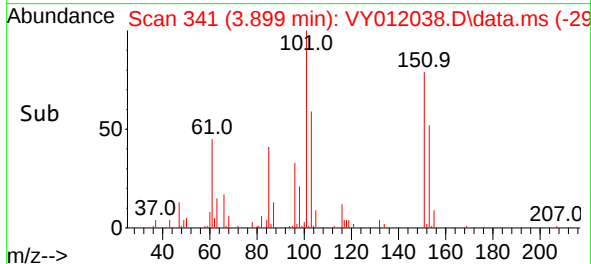
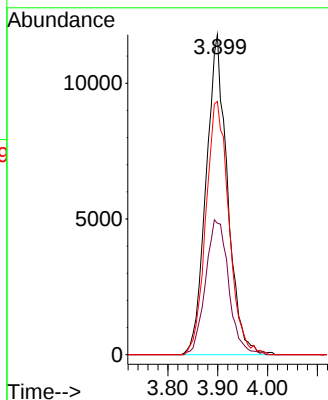
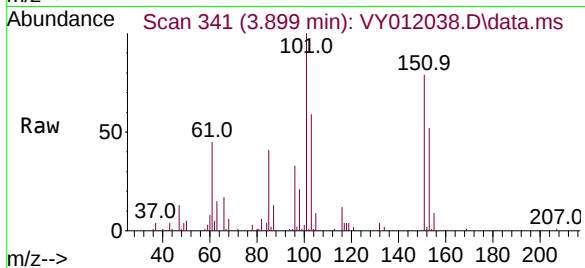




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.571 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012038.D
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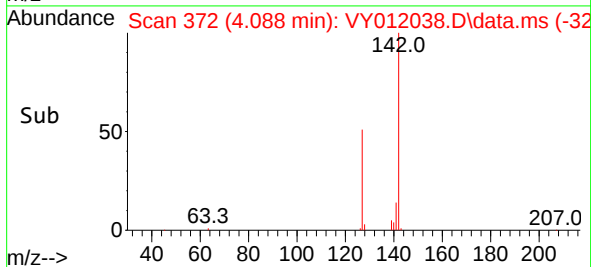
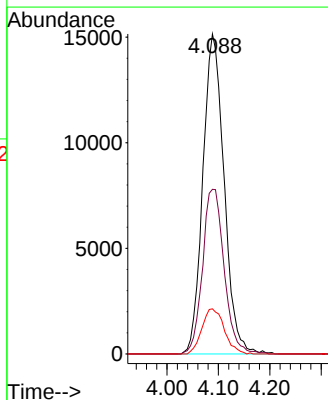
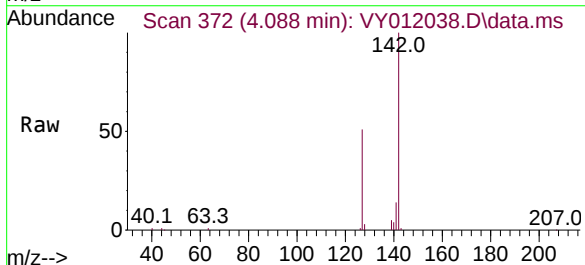
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

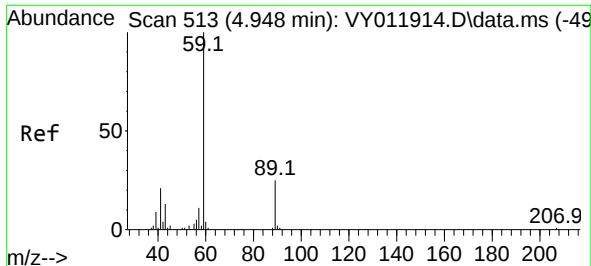
Tgt Ion:101 Resp: 35079
Ion Ratio Lower Upper
101 100
85 45.6 36.2 54.2
151 85.2 64.2 96.2



#10
Methyl Iodide
Concen: 19.322 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.007 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion:142 Resp: 43474
Ion Ratio Lower Upper
142 100
127 52.5 37.0 55.4
141 14.9 11.4 17.0

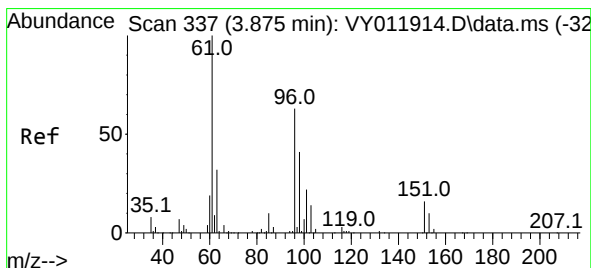
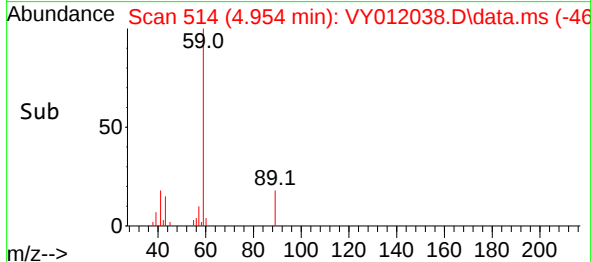
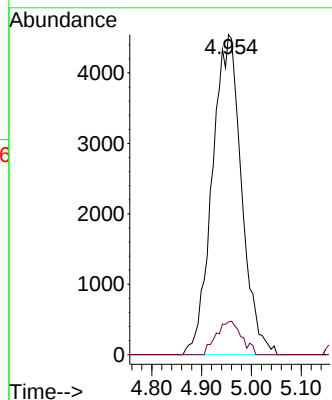
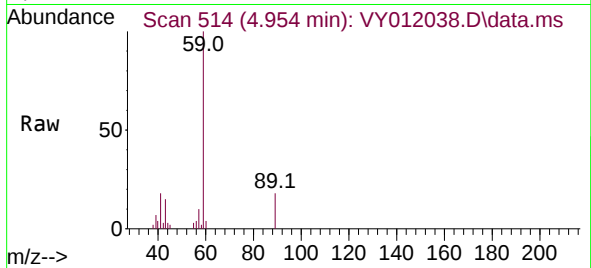




#11
Tert butyl alcohol
Concen: 86.076 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

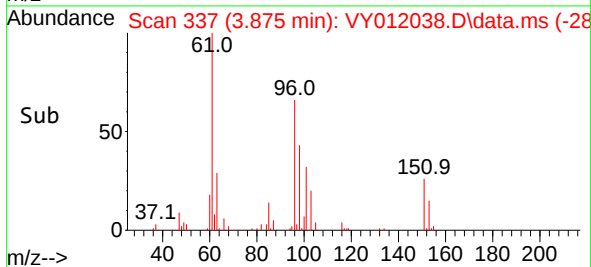
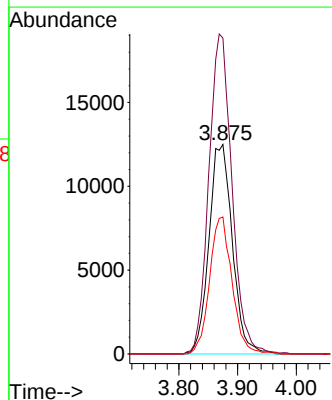
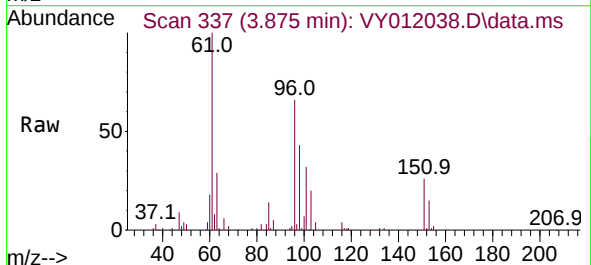
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

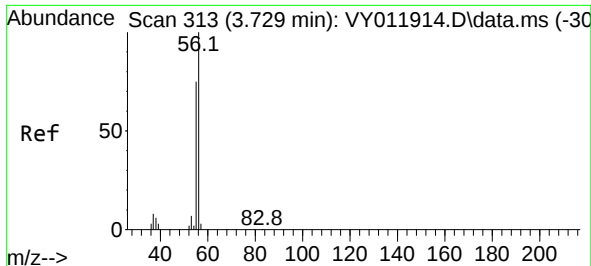
Tgt Ion: 59 Resp: 18562
Ion Ratio Lower Upper
59 100
57 9.0 7.4 11.2



#12
1,1-Dichloroethene
Concen: 21.280 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion: 96 Resp: 34616
Ion Ratio Lower Upper
96 100
61 150.8 122.0 183.0
98 65.3 48.6 73.0





#13

Acrolein

Concen: 102.846 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

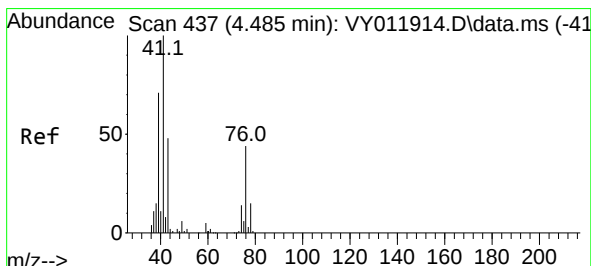
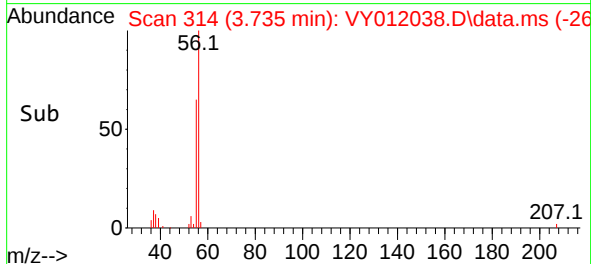
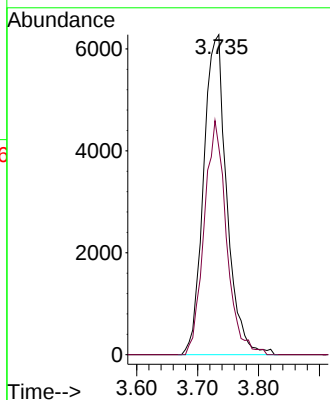
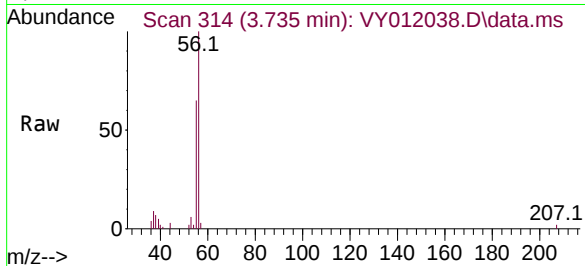
VY0103SBS01

Tgt Ion: 56 Resp: 16653

Ion Ratio Lower Upper

56 100

55 70.1 56.6 85.0



#14

Allyl chloride

Concen: 17.422 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

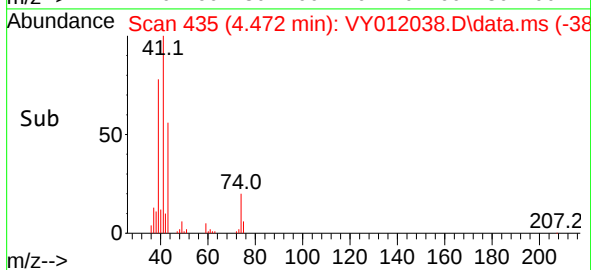
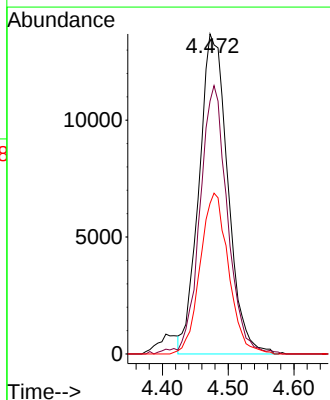
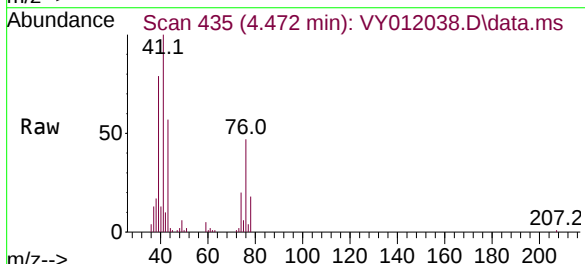
Tgt Ion: 41 Resp: 41735

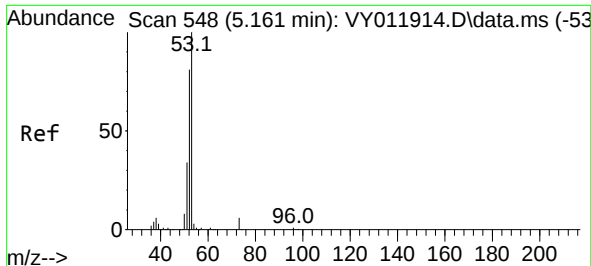
Ion Ratio Lower Upper

41 100

39 80.3 53.5 80.3#

76 49.5 31.1 46.7#

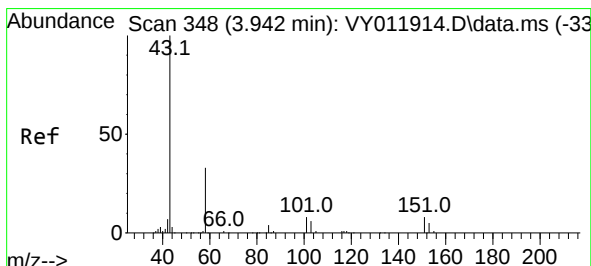
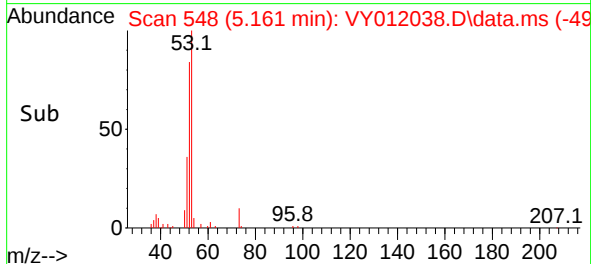
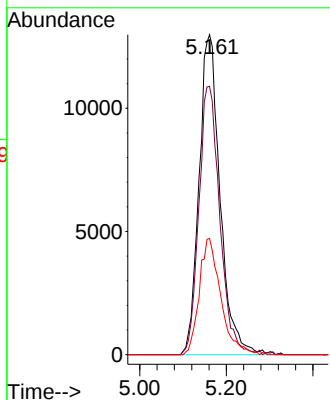
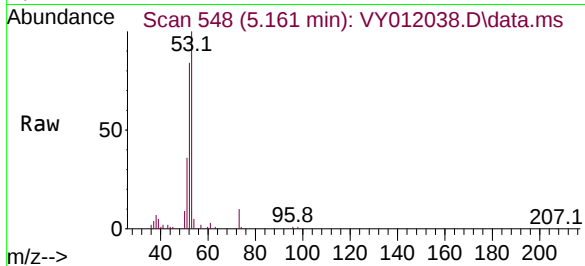




#15
Acrylonitrile
Concen: 103.236 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

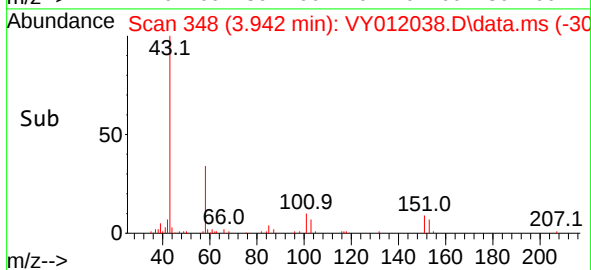
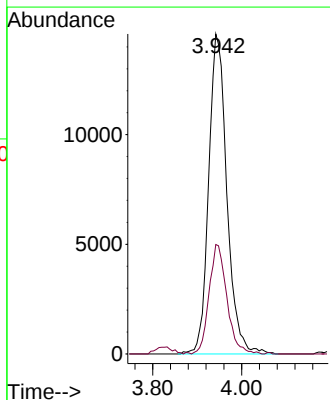
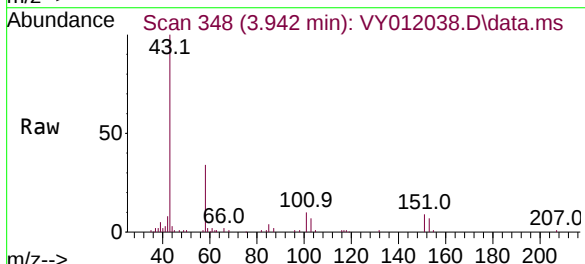
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

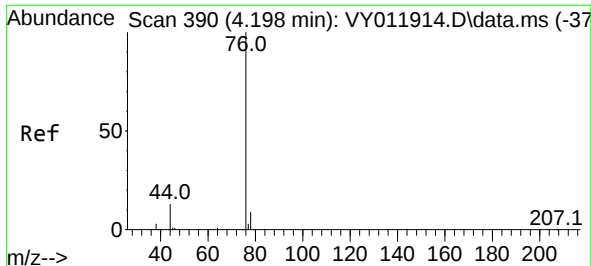
Tgt Ion: 53	Resp:	43772	
Ion	Ratio	Lower	Upper
53	100		
52	83.6	65.1	97.7
51	37.1	28.7	43.1



#16
Acetone
Concen: 83.614 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion: 43	Resp:	41530	
Ion	Ratio	Lower	Upper
43	100		
58	34.2	27.9	41.9

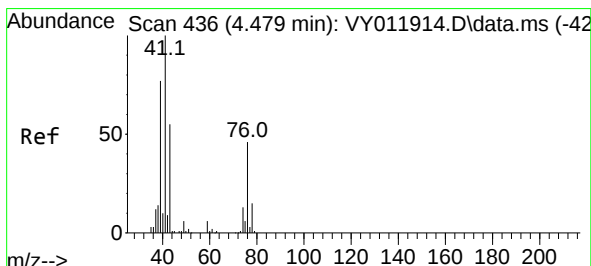
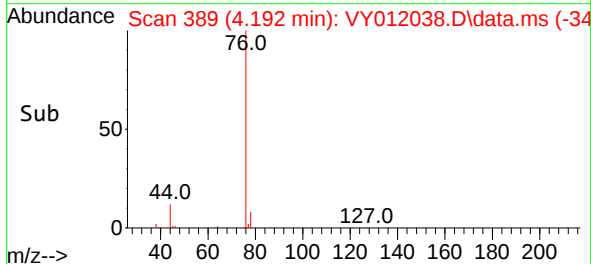
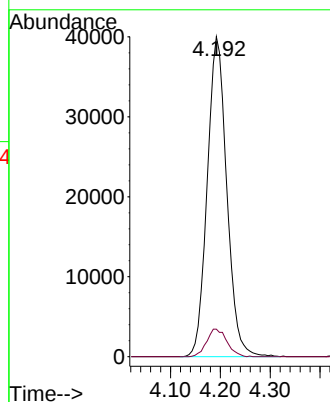
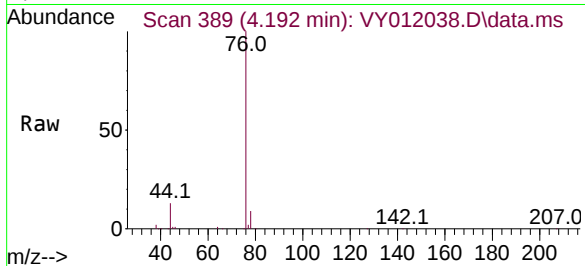




#17
Carbon Disulfide
Concen: 20.978 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

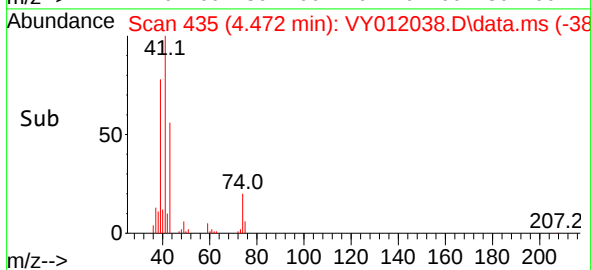
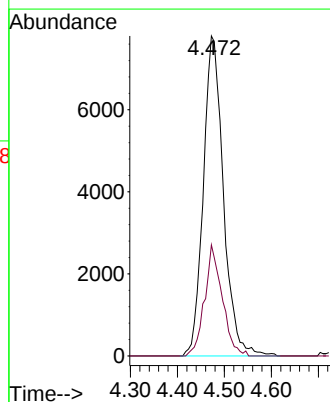
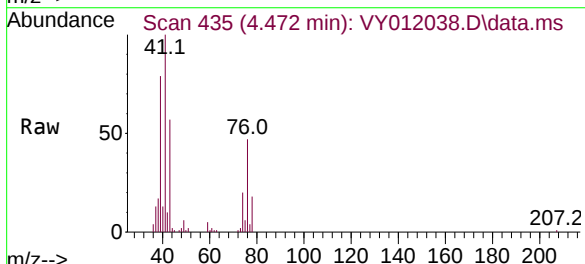
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

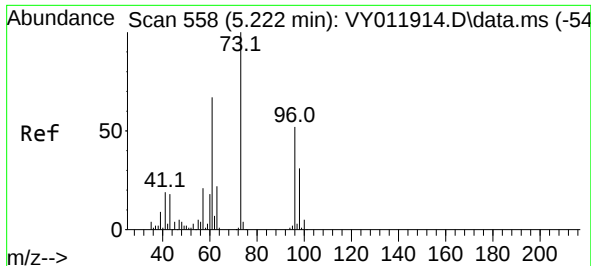
Tgt Ion: 76 Resp: 108851
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 19.331 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion: 43 Resp: 23138
Ion Ratio Lower Upper
43 100
74 30.4 20.1 30.1#





#19

Methyl tert-butyl Ether

Concen: 21.890 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

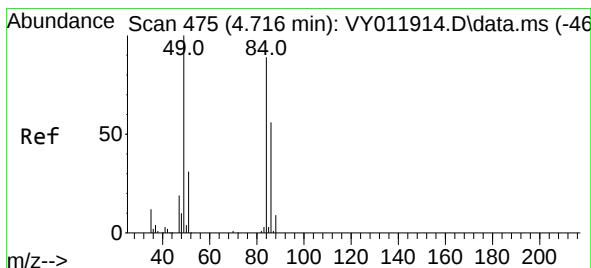
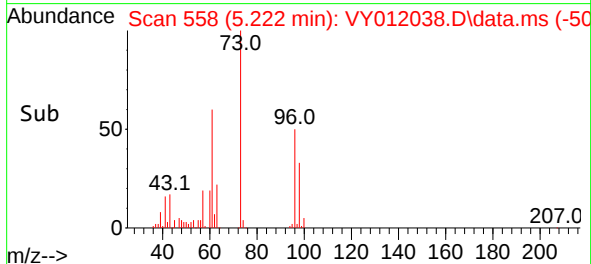
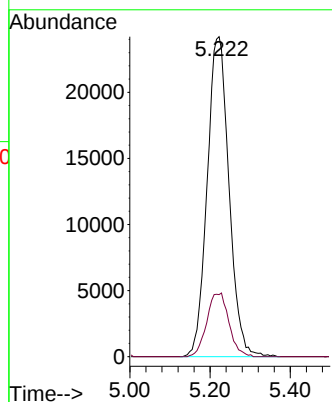
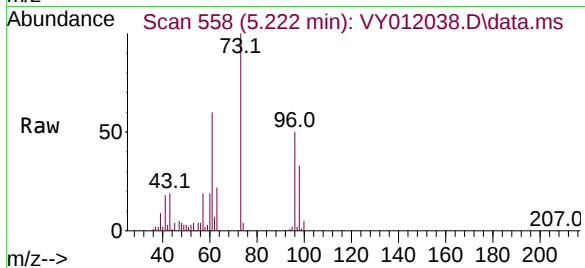
VY0103SBS01

Tgt Ion: 73 Resp: 91364

Ion Ratio Lower Upper

73 100

57 19.4 17.4 26.0



#20

Methylene Chloride

Concen: 16.800 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Tgt Ion: 84 Resp: 41459

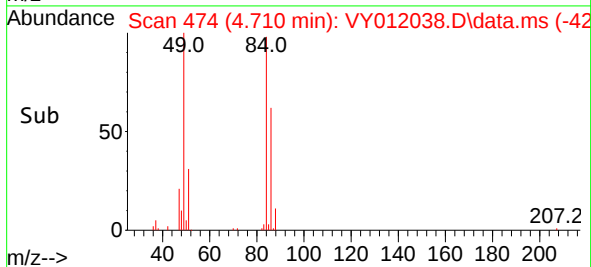
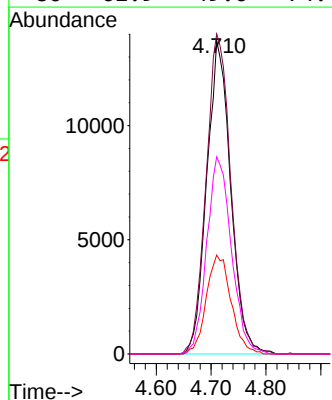
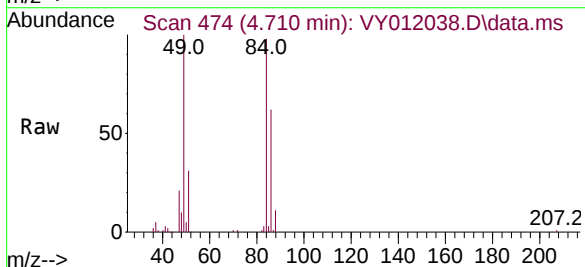
Ion Ratio Lower Upper

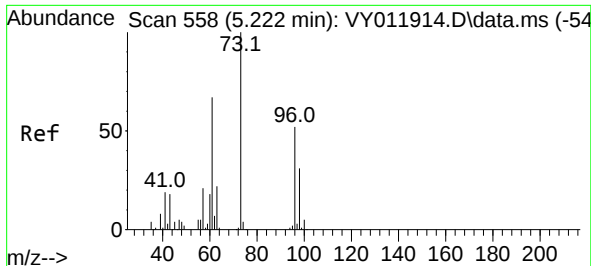
84 100

49 102.1 95.4 143.2

51 31.6 29.9 44.9

86 62.9 49.6 74.4

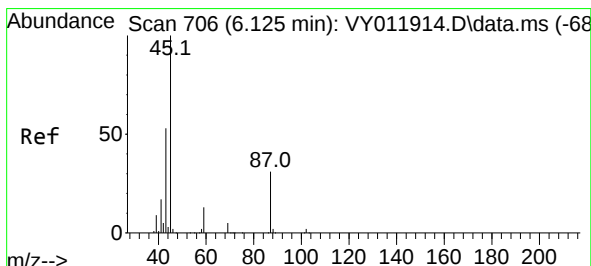
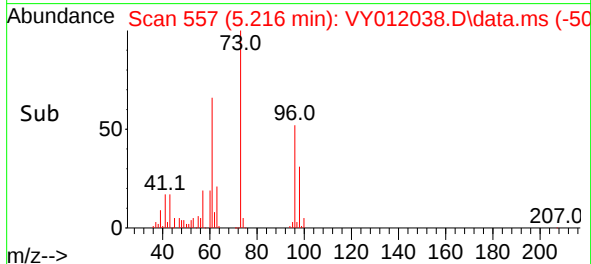
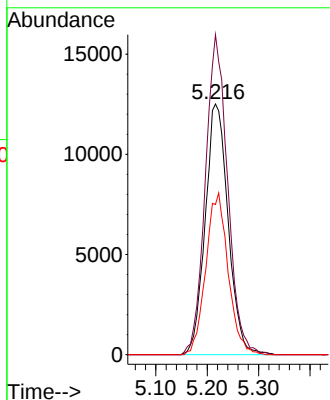
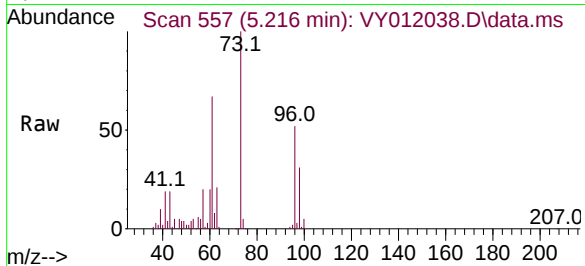




#21
trans-1,2-Dichloroethene
Concen: 21.001 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

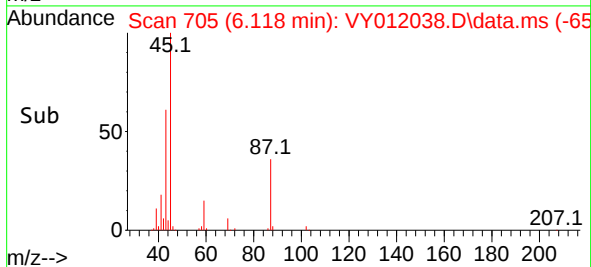
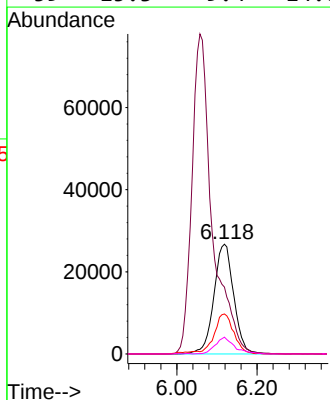
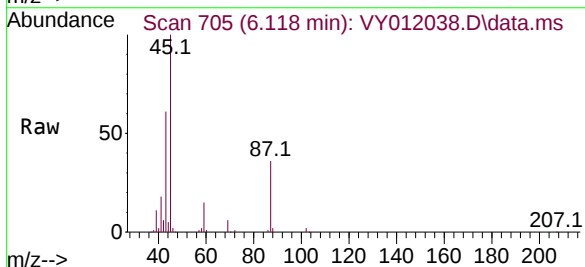
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

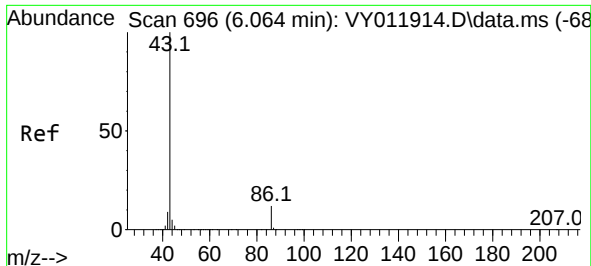
Tgt Ion: 96 Resp: 38817
Ion Ratio Lower Upper
96 100
61 127.6 108.0 162.0
98 59.9 51.6 77.4



#22
Diisopropyl ether
Concen: 19.483 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion: 45 Resp: 91921
Ion Ratio Lower Upper
45 100
43 60.4 45.0 67.4
87 36.4 22.6 33.8#
59 15.3 9.4 14.0#

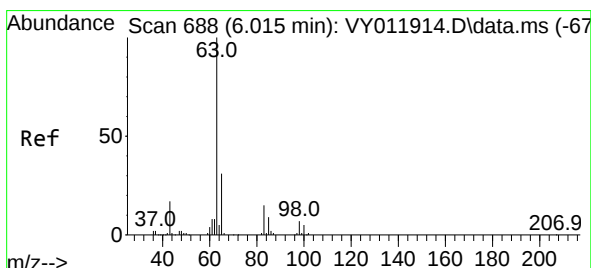
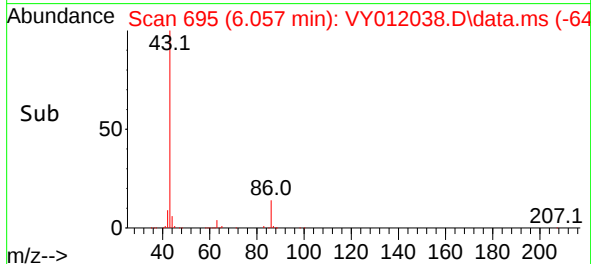
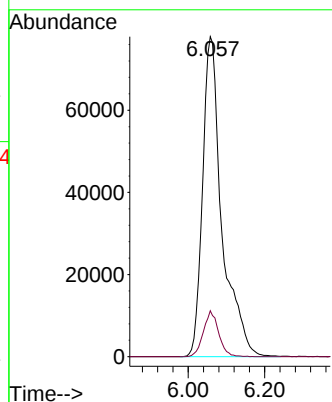
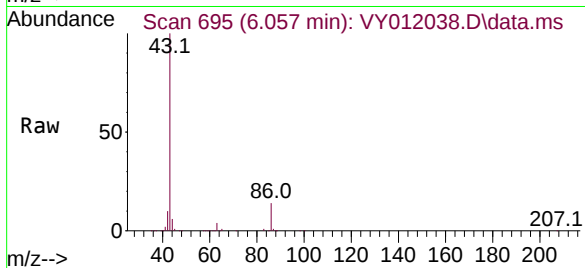




#23
 Vinyl Acetate
 Concen: 100.873 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012038.D
 Acq: 03 Jan 2023 11:50

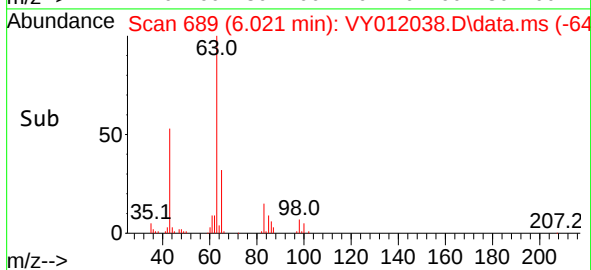
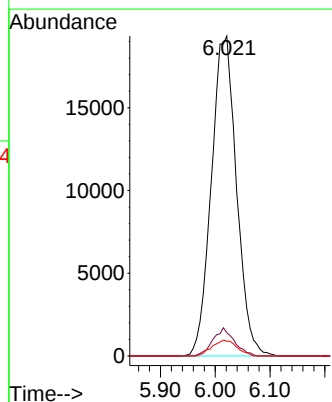
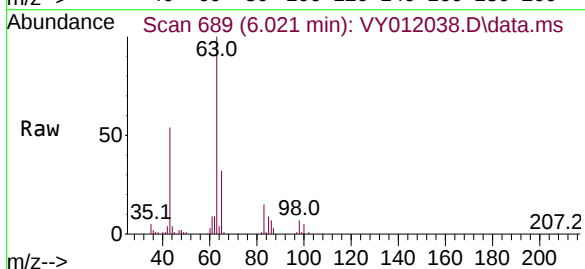
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0103SBS01

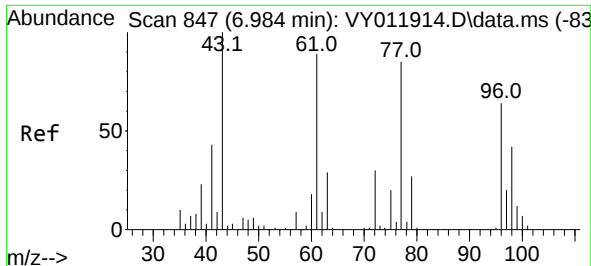
Tgt Ion: 43 Resp: 273808
 Ion Ratio Lower Upper
 43 100
 86 14.4 9.0 13.4#



#24
 1,1-Dichloroethane
 Concen: 20.116 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY012038.D
 Acq: 03 Jan 2023 11:50

Tgt Ion: 63 Resp: 61689
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 92.934 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

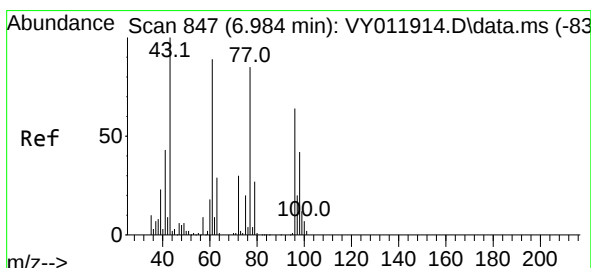
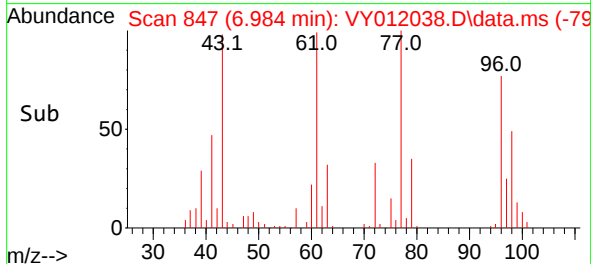
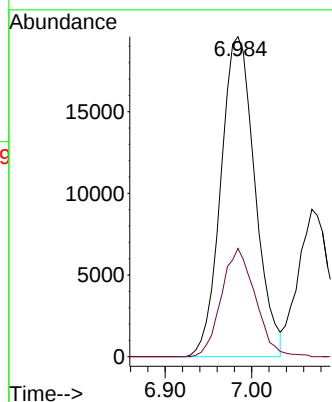
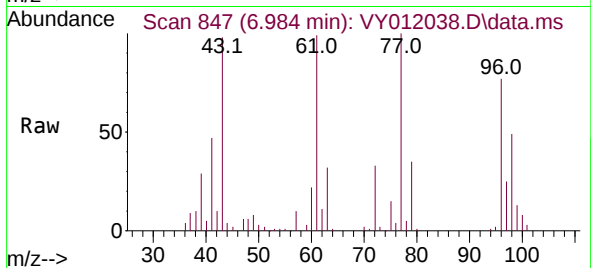
VY0103SBS01

Tgt Ion: 43 Resp: 53623

Ion Ratio Lower Upper

43 100

72 33.9 22.6 34.0



#26

2,2-Dichloropropane

Concen: 21.179 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012038.D

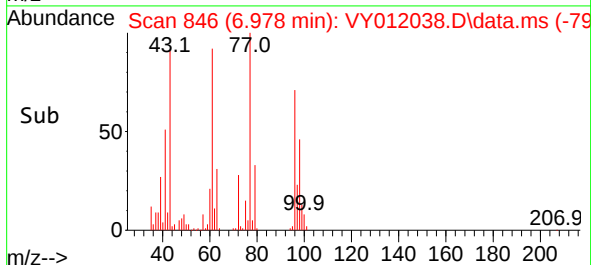
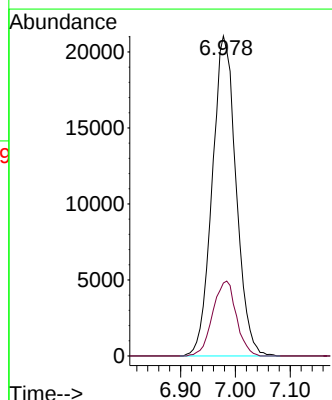
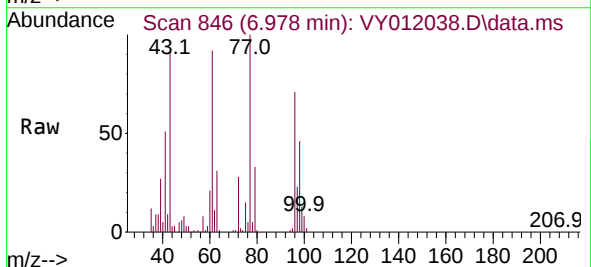
Acq: 03 Jan 2023 11:50

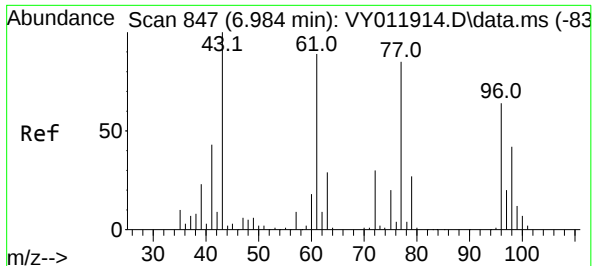
Tgt Ion: 77 Resp: 63554

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.084 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBS01

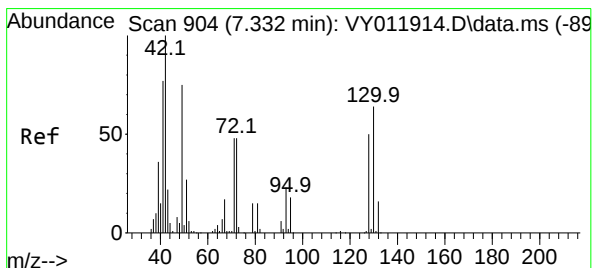
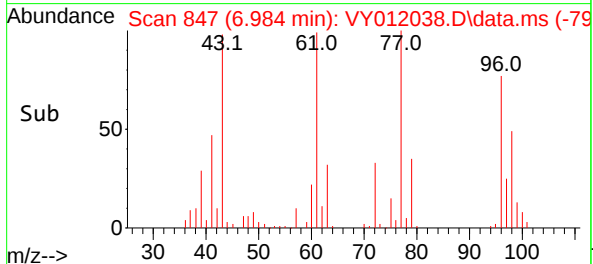
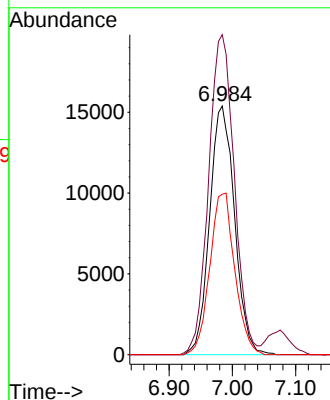
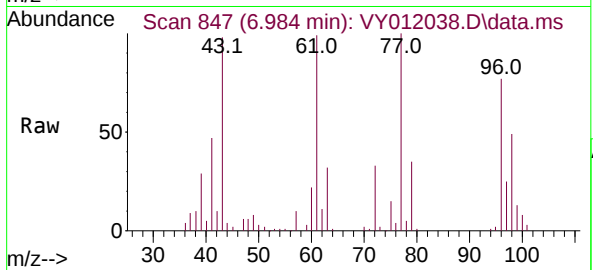
Tgt Ion: 96 Resp: 42148

Ion Ratio Lower Upper

96 100

61 132.2 0.0 283.4

98 65.1 0.0 127.6



#28

Bromochloromethane

Concen: 18.307 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

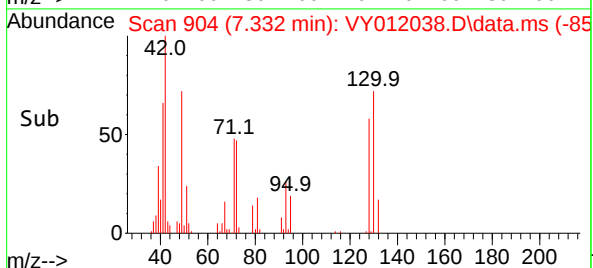
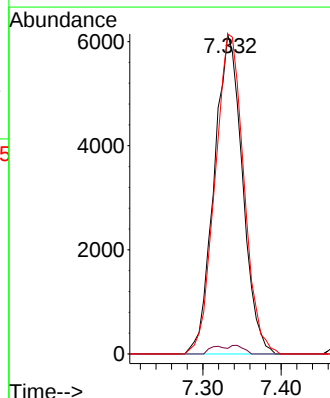
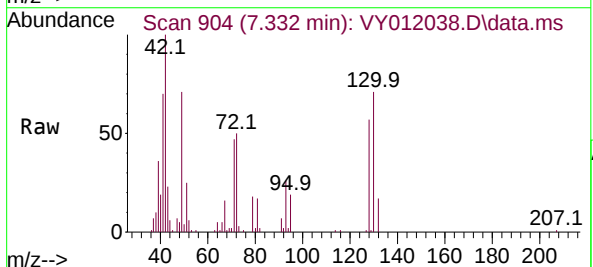
Tgt Ion: 49 Resp: 15406

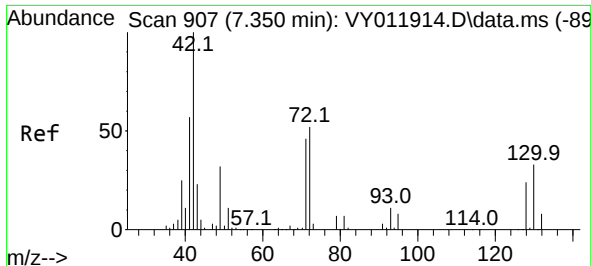
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.6

130 101.6 66.7 100.1#

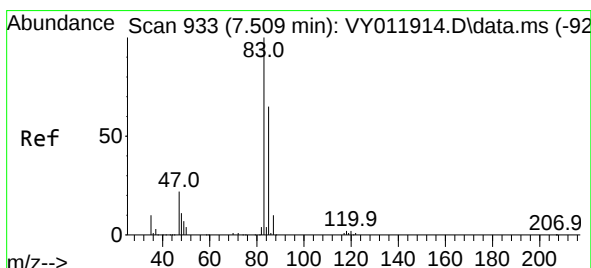
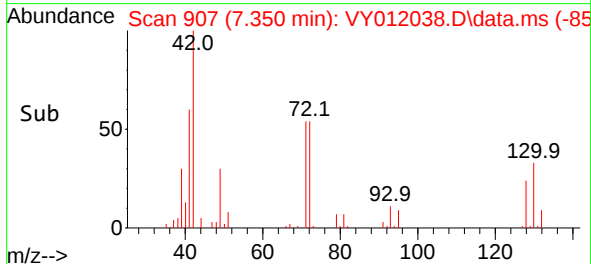
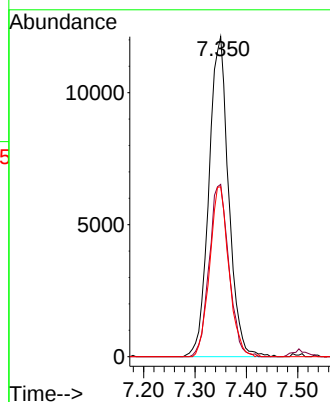
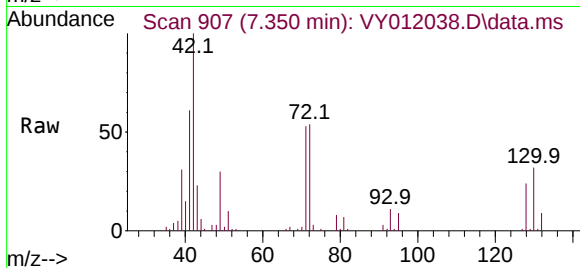




#29
Tetrahydrofuran
Concen: 98.674 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

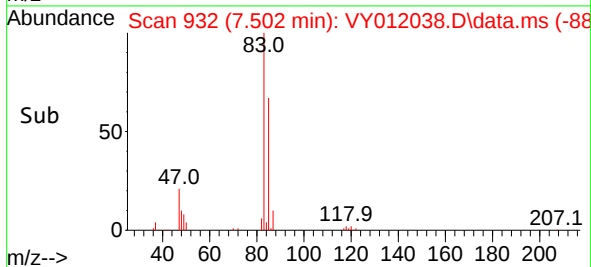
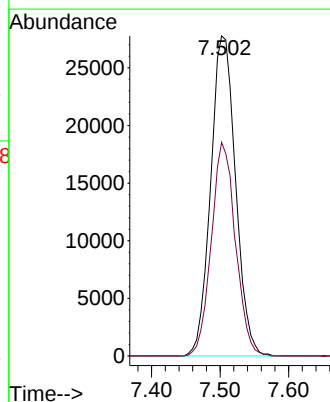
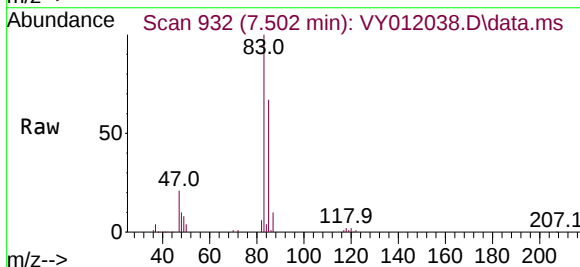
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

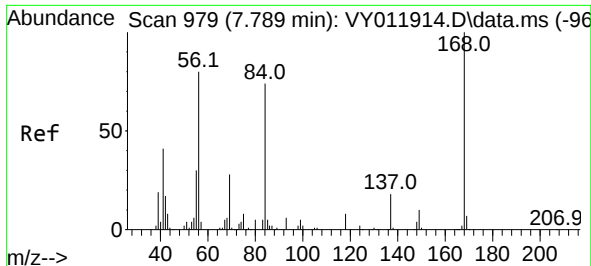
Tgt Ion: 42 Resp: 32258
Ion Ratio Lower Upper
42 100
72 53.9 37.0 55.6
71 51.6 34.9 52.3



#30
Chloroform
Concen: 21.172 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion: 83 Resp: 69983
Ion Ratio Lower Upper
83 100
85 66.8 51.5 77.3

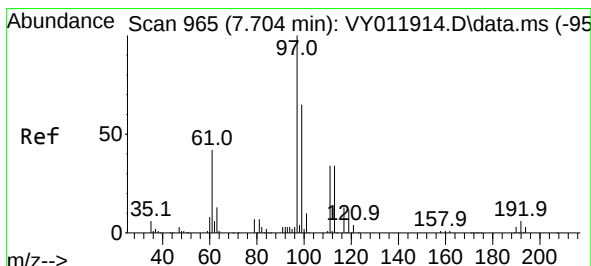
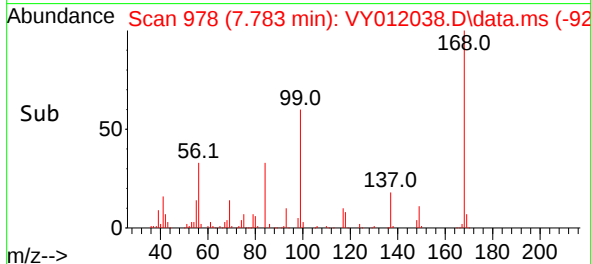
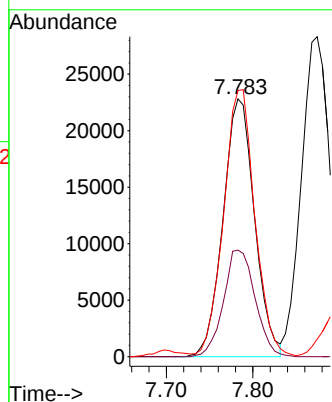
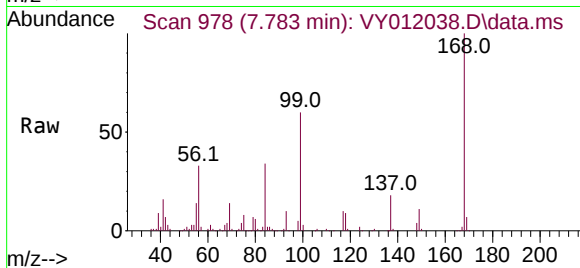




#31
Cyclohexane
Concen: 19.791 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

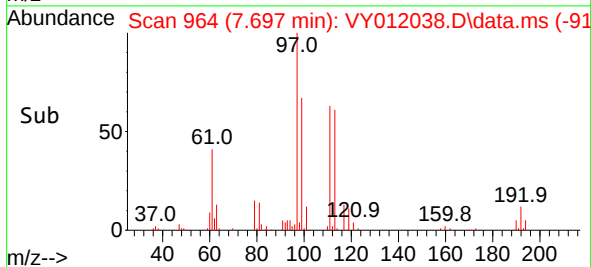
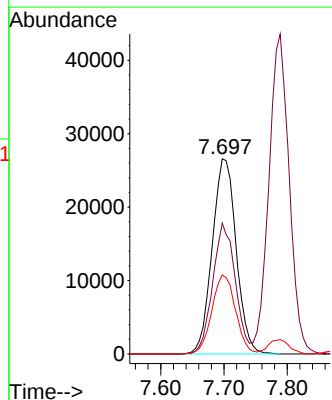
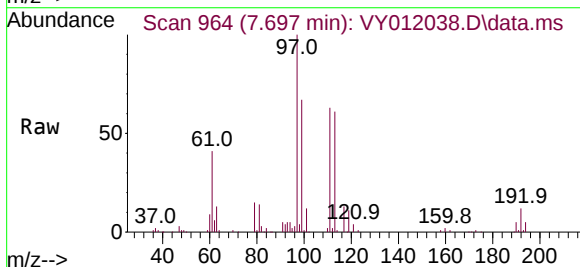
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

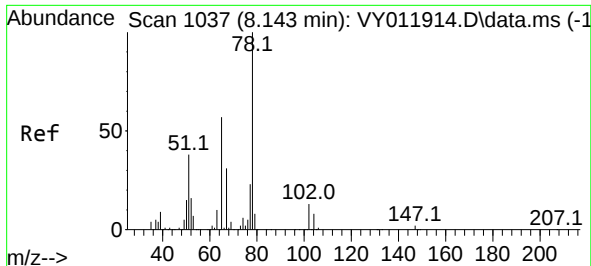
Tgt Ion: 56 Resp: 57711
Ion Ratio Lower Upper
56 100
69 41.3 29.2 43.8
84 101.7 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 22.200 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion: 97 Resp: 69796
Ion Ratio Lower Upper
97 100
99 63.1 51.0 76.4
61 40.0 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 50.427 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

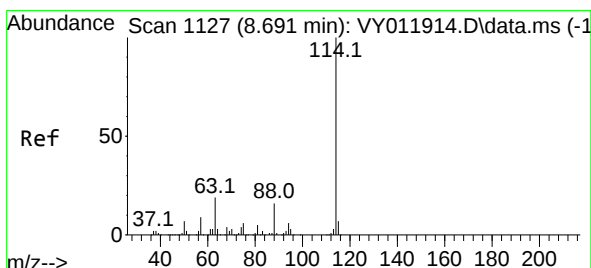
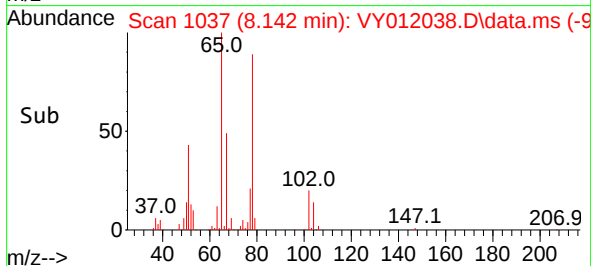
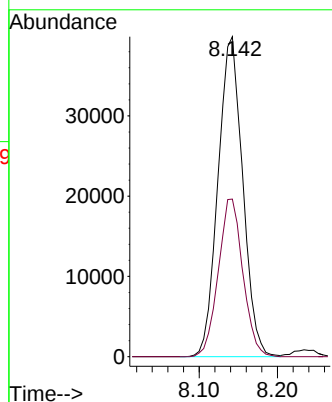
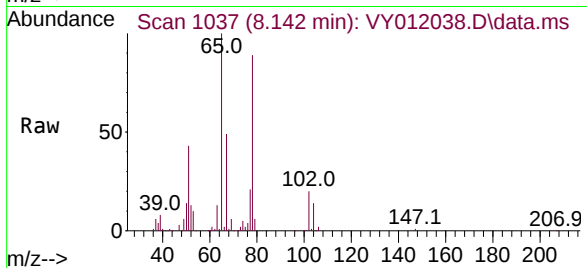
VY0103SBS01

Tgt Ion: 65 Resp: 87349

Ion Ratio Lower Upper

65 100

67 49.0 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

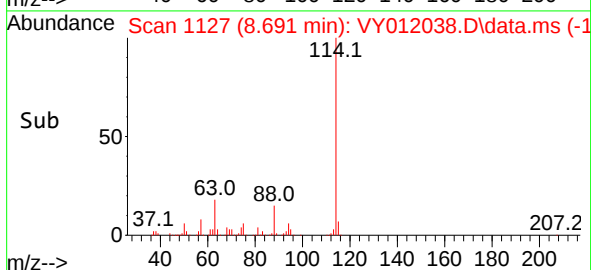
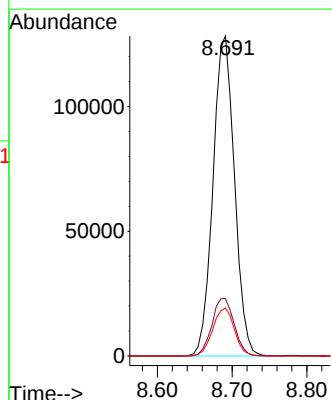
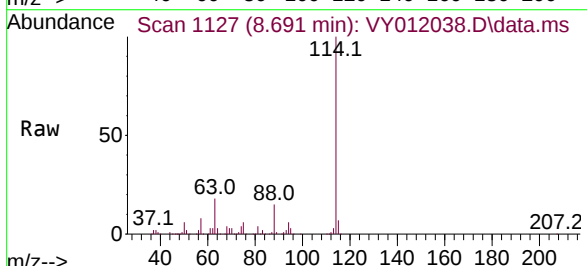
Tgt Ion: 114 Resp: 256849

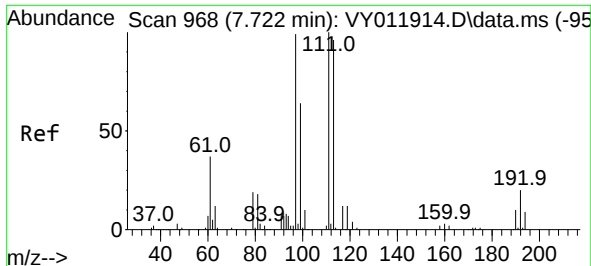
Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 15.0 0.0 32.2

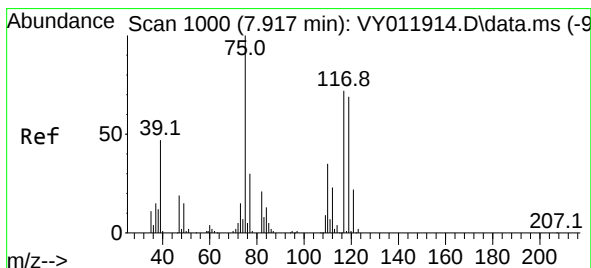
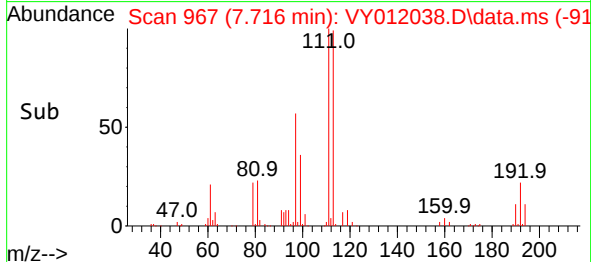
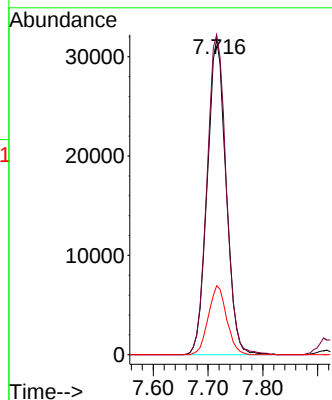
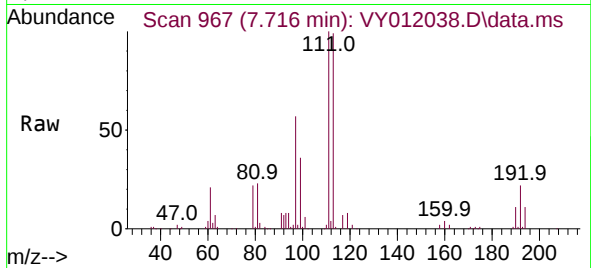




#35
Dibromofluoromethane
Concen: 48.847 ug/l
RT: 7.716 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

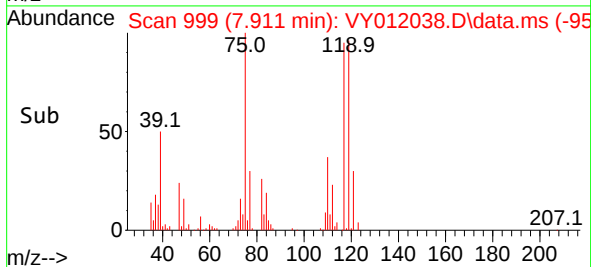
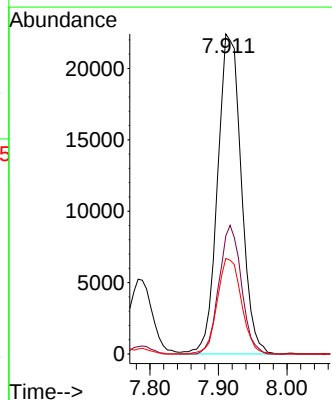
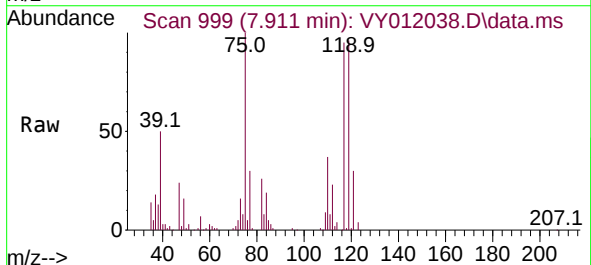
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

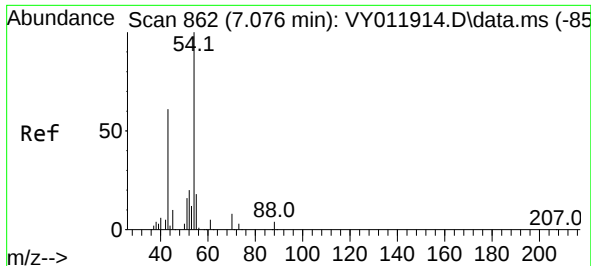
Tgt Ion:	113	Resp:	75533
Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.0	124.4
192	21.2	16.0	24.0



#36
1,1-Dichloropropene
Concen: 21.659 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion:	75	Resp:	53721
Ion	Ratio	Lower	Upper
75	100		
110	37.8	18.1	54.1
77	30.3	25.1	37.7

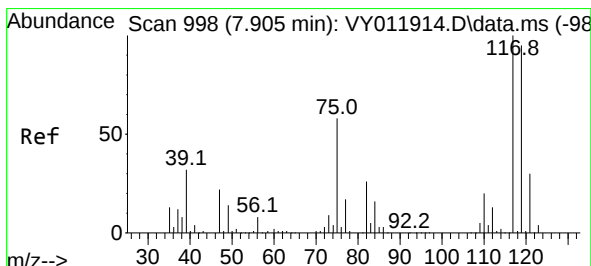
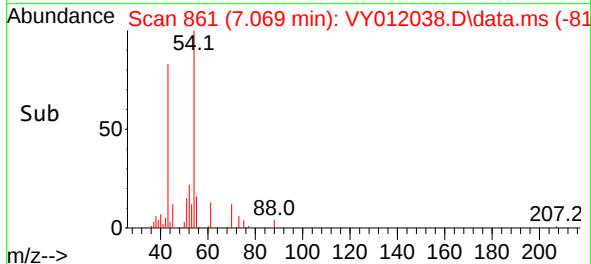
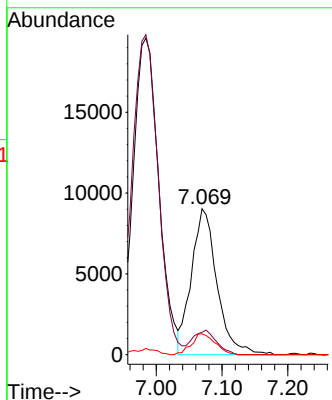
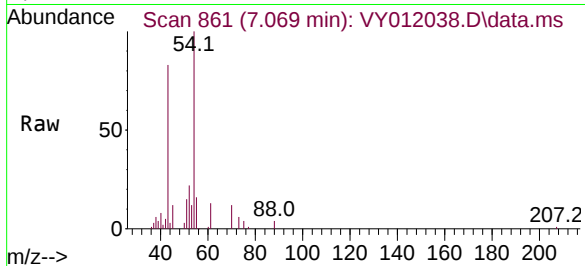




#37
Ethyl Acetate
Concen: 21.962 ug/l
RT: 7.069 min Scan# 80
Delta R.T. -0.001 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

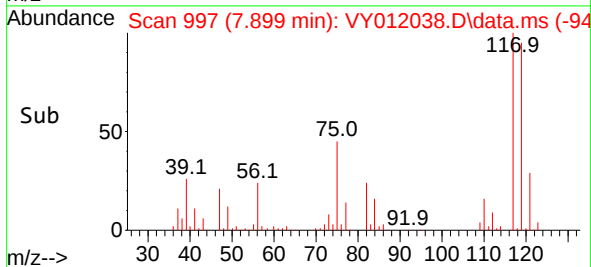
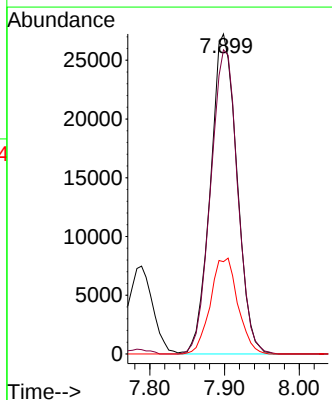
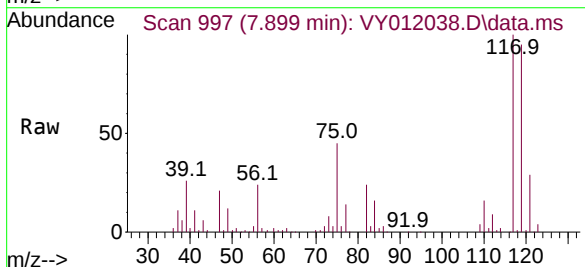
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

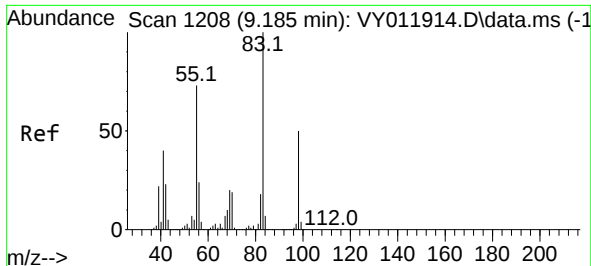
Tgt Ion: 43 Resp: 24439
Ion Ratio Lower Upper
43 100
61 16.1 11.3 16.9
70 13.2 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 23.433 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion: 117 Resp: 67125
Ion Ratio Lower Upper
117 100
119 95.0 73.8 110.8
121 28.9 25.2 37.8





#39

Methylcyclohexane

Concen: 21.846 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBS01

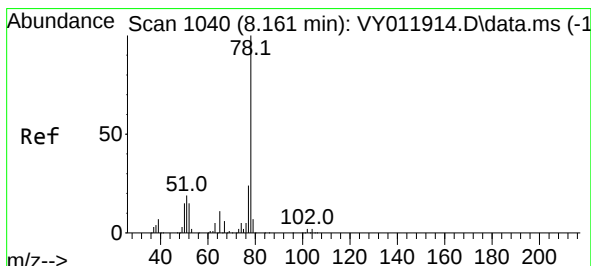
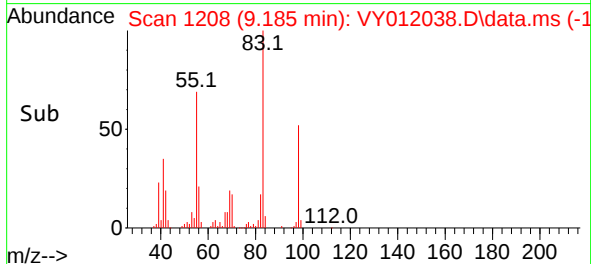
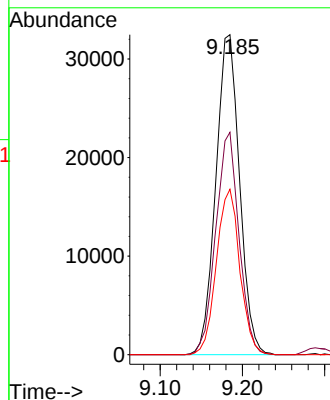
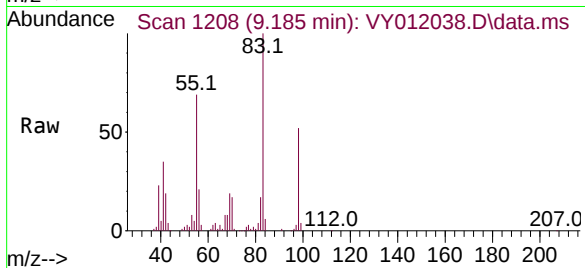
Tgt Ion: 83 Resp: 65199

Ion Ratio Lower Upper

83 100

55 69.5 58.2 87.2

98 51.7 38.6 58.0



#40

Benzene

Concen: 21.079 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012038.D

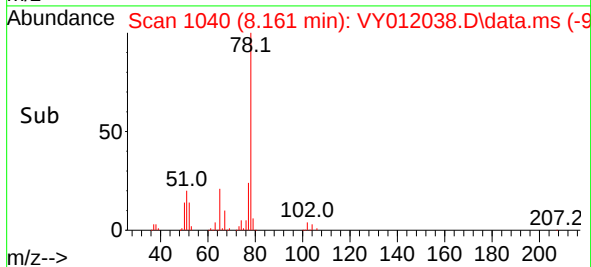
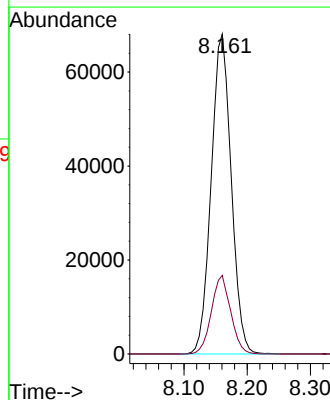
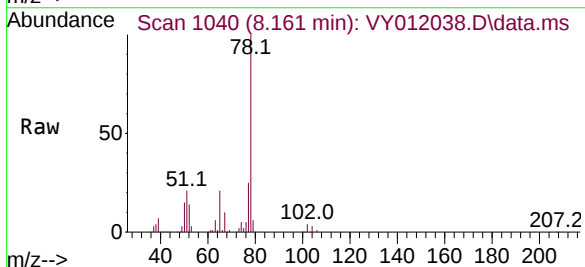
Acq: 03 Jan 2023 11:50

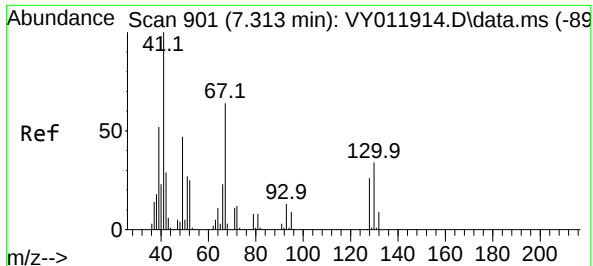
Tgt Ion: 78 Resp: 149621

Ion Ratio Lower Upper

78 100

77 24.5 18.6 27.8

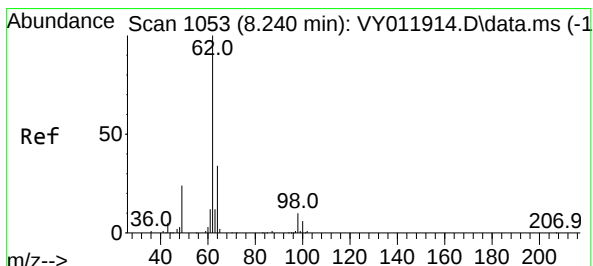
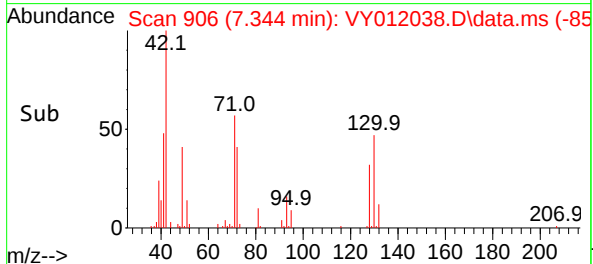
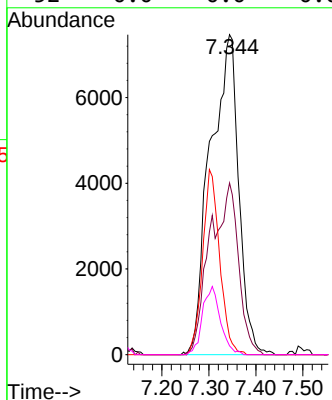
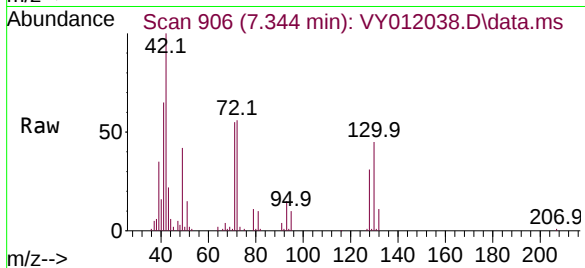




#41
Methacrylonitrile
Concen: 58.110 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

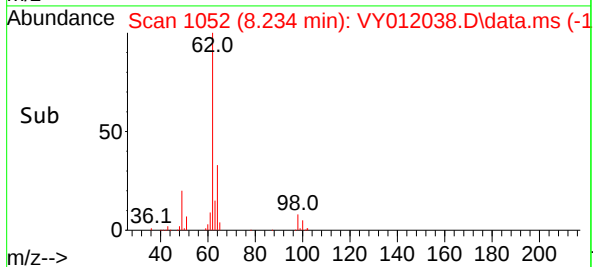
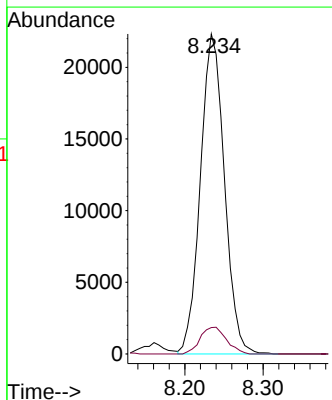
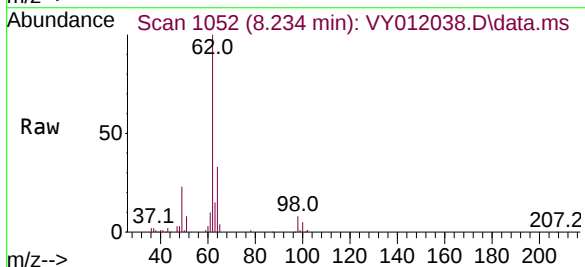
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

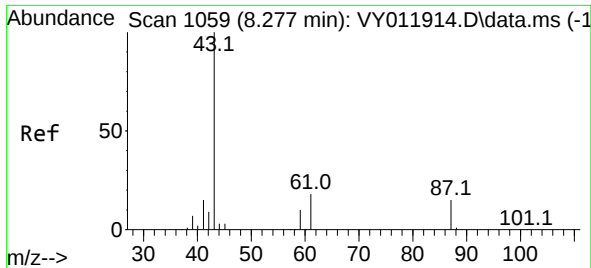
Tgt Ion:	41	Resp:	31270
Ion	Ratio	Lower	Upper
41	100		
39	28.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 23.311 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion:	62	Resp:	47633
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.6

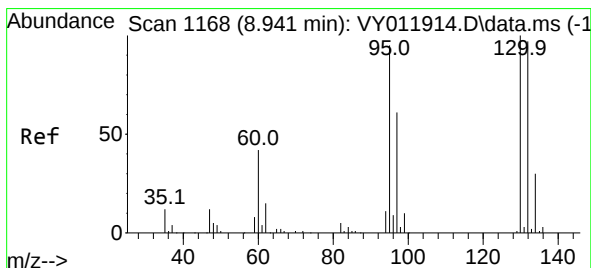
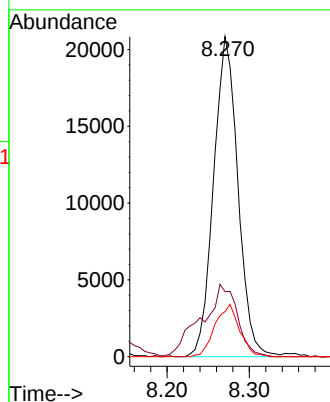
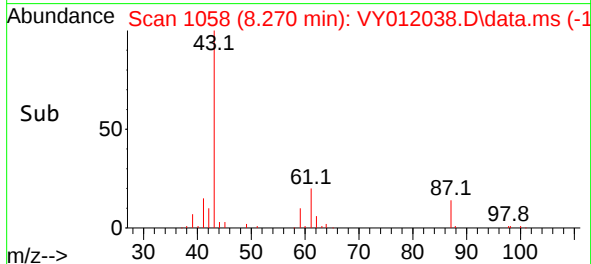
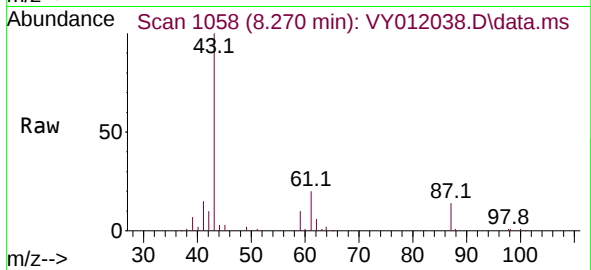




#43
Isopropyl Acetate
Concen: 21.087 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

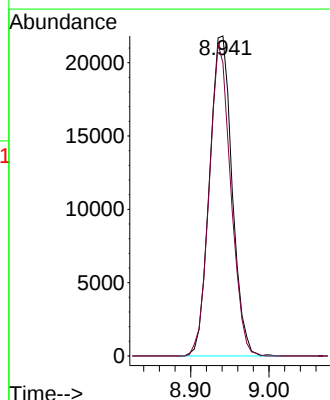
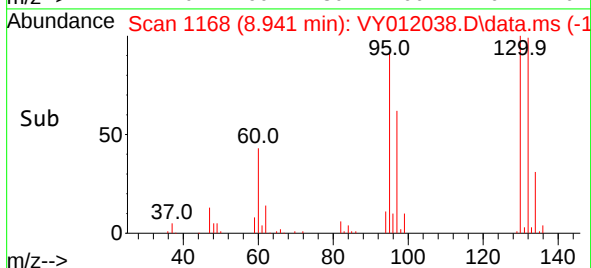
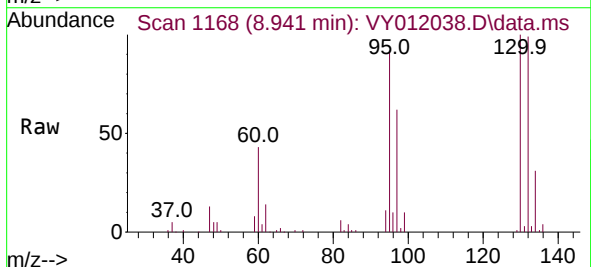
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

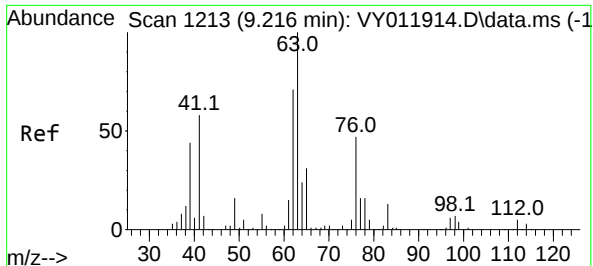
Tgt Ion: 43 Resp: 42856
Ion Ratio Lower Upper
43 100
61 33.2 24.4 36.6
87 16.5 11.4 17.2



#44
Trichloroethene
Concen: 21.785 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion:130 Resp: 43586
Ion Ratio Lower Upper
130 100
95 91.6 0.0 190.6





#45

1,2-Dichloropropane

Concen: 19.754 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

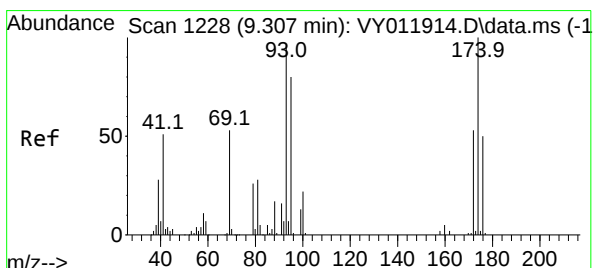
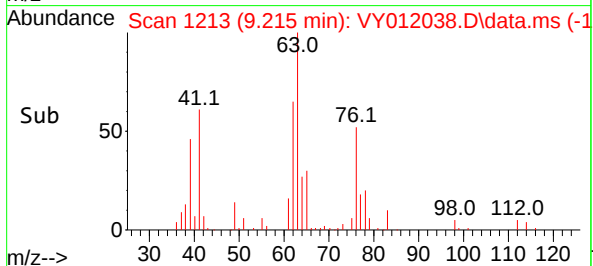
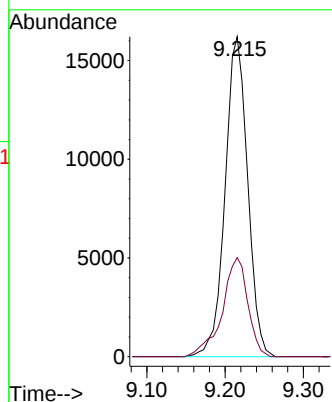
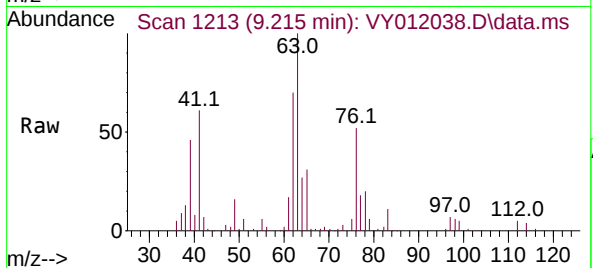
VY0103SBS01

Tgt Ion: 63 Resp: 32398

Ion Ratio Lower Upper

63 100

65 30.9 24.9 37.3



#46

Dibromomethane

Concen: 22.194 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

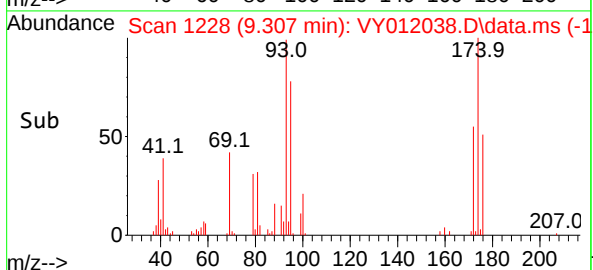
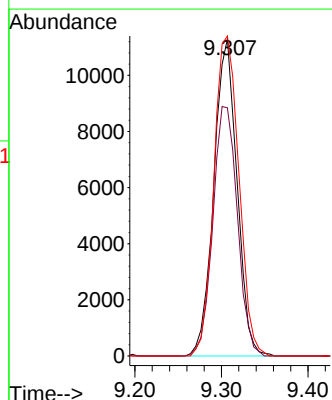
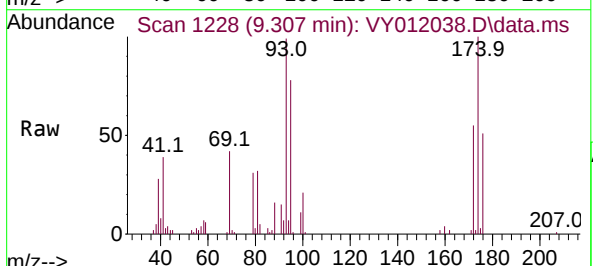
Tgt Ion: 93 Resp: 20966

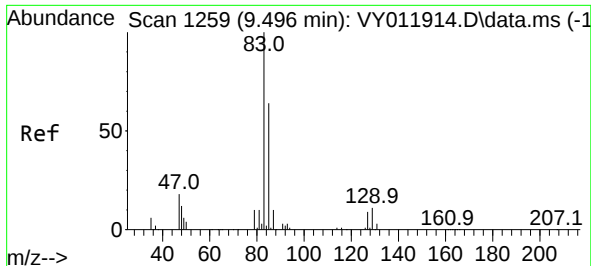
Ion Ratio Lower Upper

93 100

95 83.2 66.1 99.1

174 108.8 84.7 127.1





#47

Bromodichloromethane

Concen: 21.741 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBS01

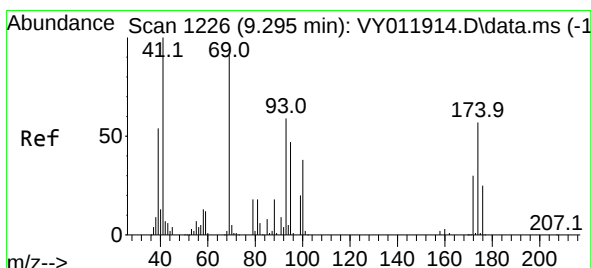
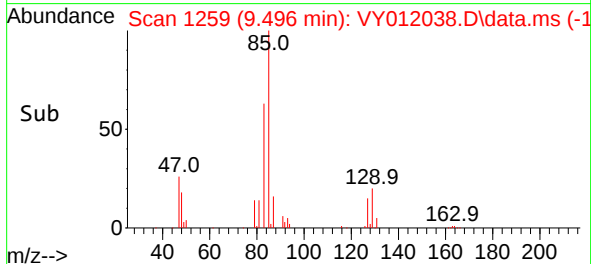
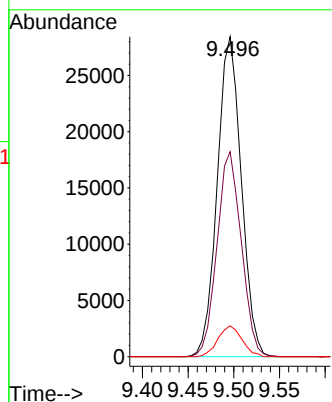
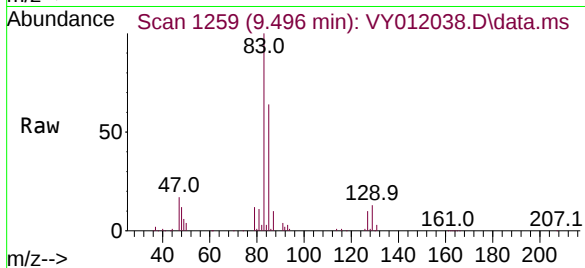
Tgt Ion: 83 Resp: 52107

Ion Ratio Lower Upper

83 100

85 64.0 52.0 78.0

127 9.7 7.3 10.9



#48

Methyl methacrylate

Concen: 21.035 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

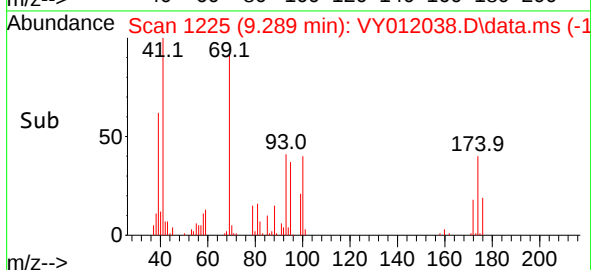
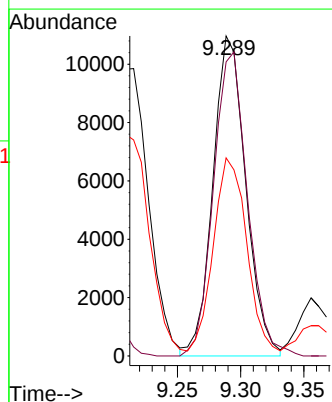
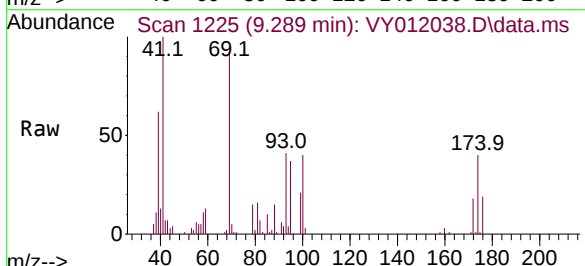
Tgt Ion: 41 Resp: 19794

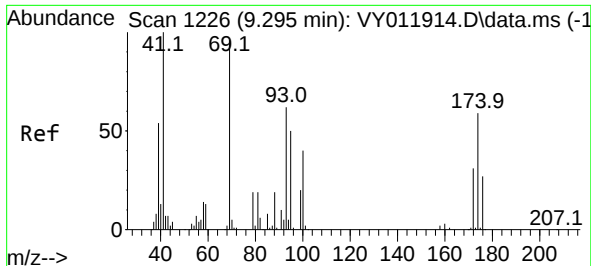
Ion Ratio Lower Upper

41 100

69 98.3 74.2 111.2

39 61.1 46.3 69.5





#49

1,4-Dioxane

Concen: 473.004 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBS01

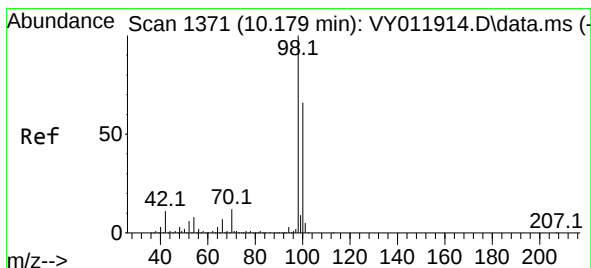
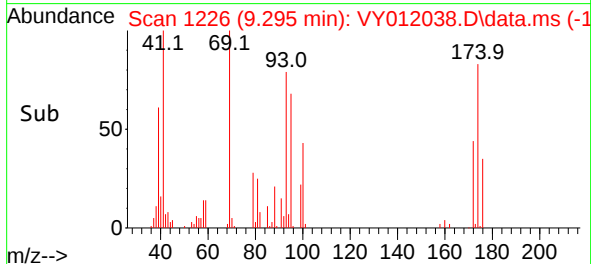
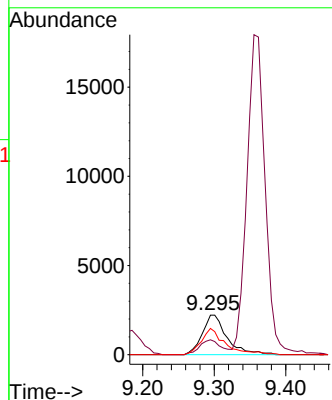
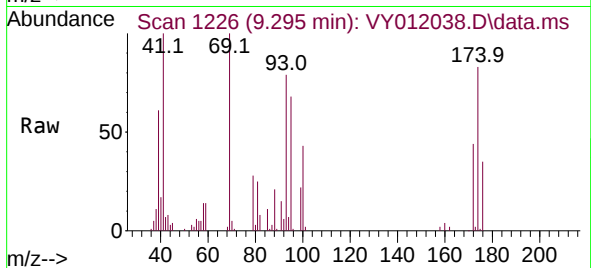
Tgt Ion: 88 Resp: 5335

Ion Ratio Lower Upper

88 100

43 31.9 26.2 39.2

58 64.7 54.3 81.5



#50

Toluene-d8

Concen: 47.778 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012038.D

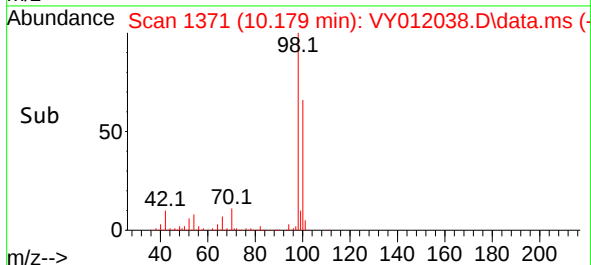
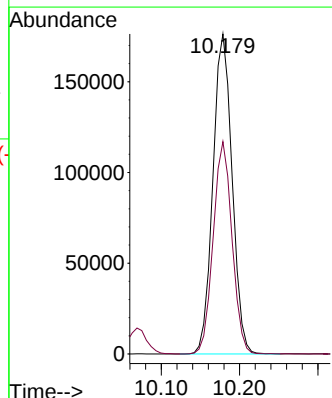
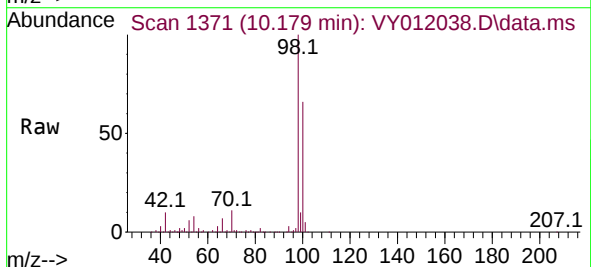
Acq: 03 Jan 2023 11:50

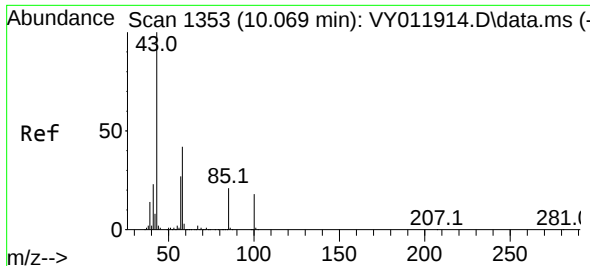
Tgt Ion: 98 Resp: 299748

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9

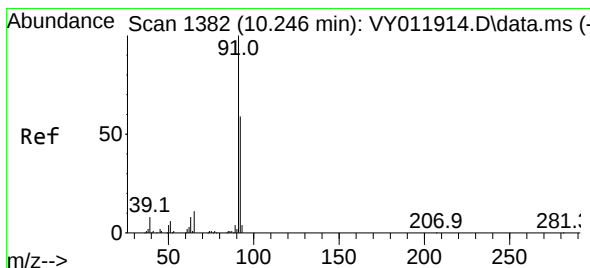
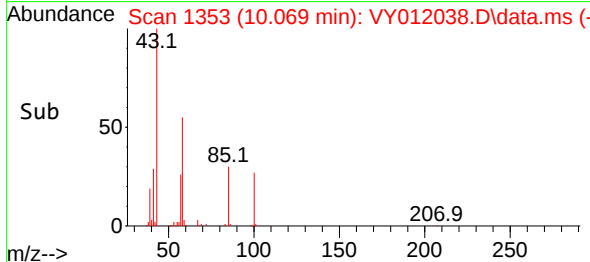
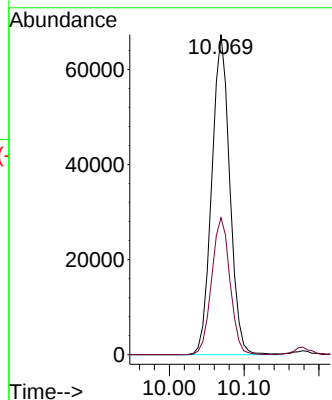
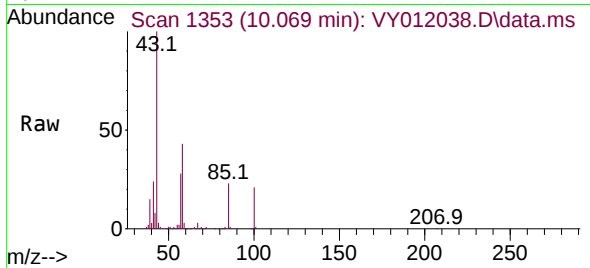




#51
4-Methyl-2-Pentanone
Concen: 103.937 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

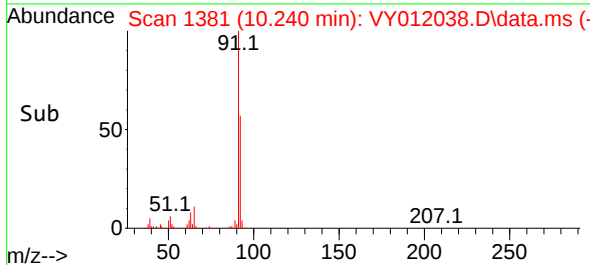
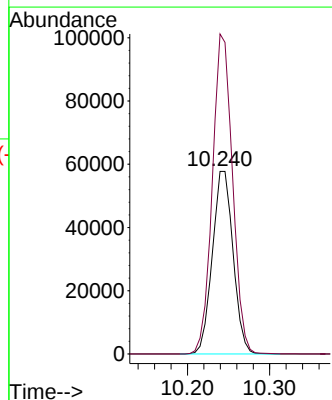
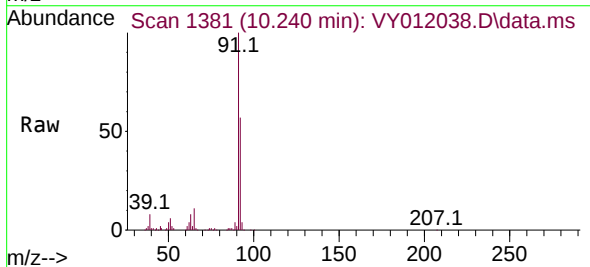
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

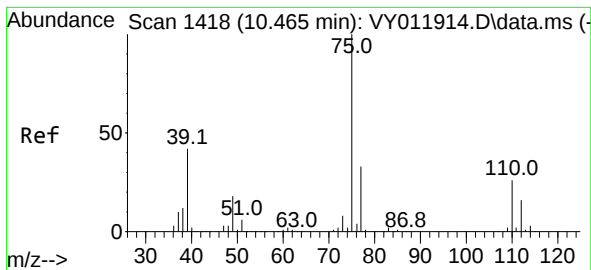
Tgt Ion: 43 Resp: 112637
Ion Ratio Lower Upper
43 100
58 43.7 32.9 49.3



#52
Toluene
Concen: 22.387 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion: 92 Resp: 101244
Ion Ratio Lower Upper
92 100
91 170.4 137.4 206.0

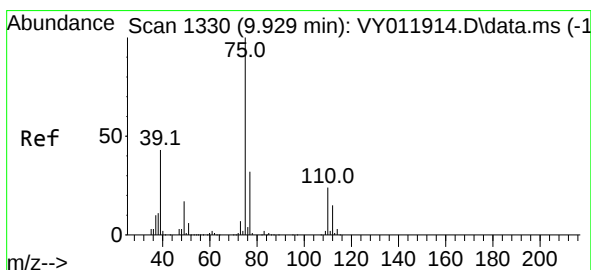
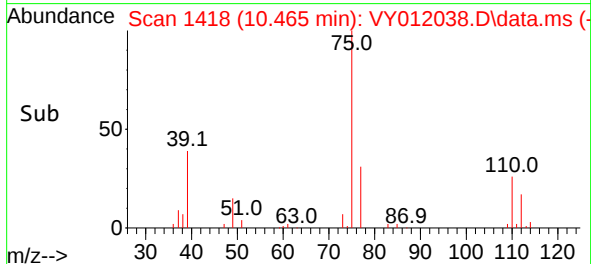
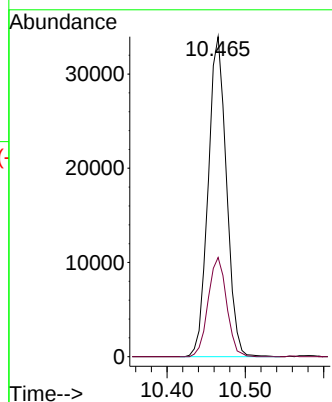
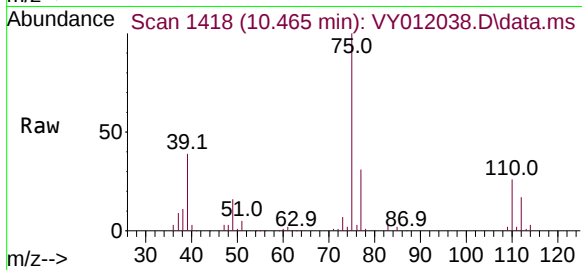




#53
t-1,3-Dichloropropene
Concen: 22.735 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

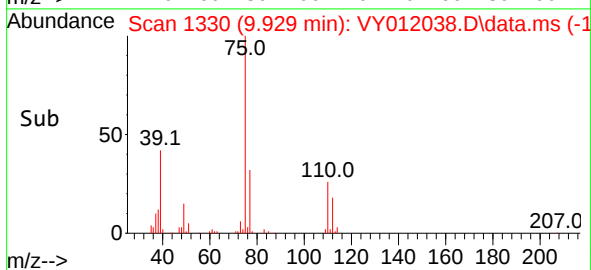
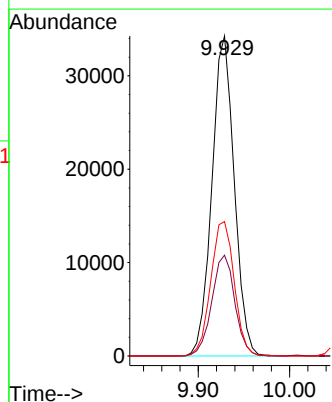
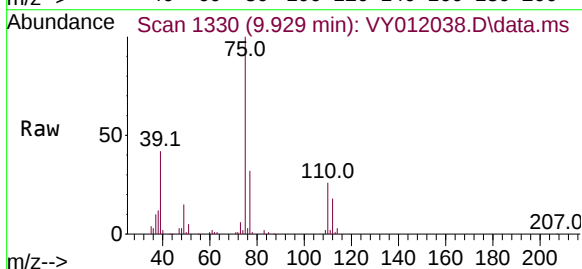
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

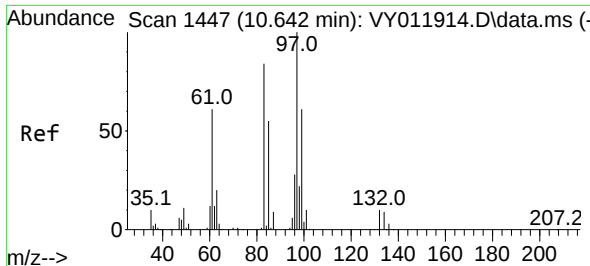
Tgt Ion: 75 Resp: 55059
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 21.348 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion: 75 Resp: 58113
Ion Ratio Lower Upper
75 100
77 31.5 25.9 38.9
39 42.0 34.6 52.0

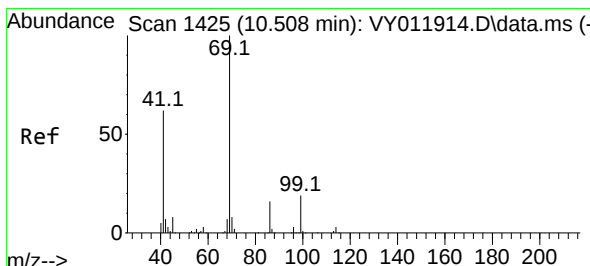
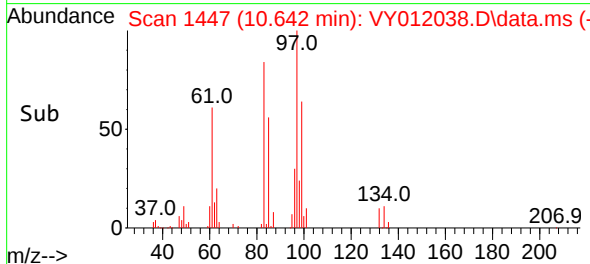
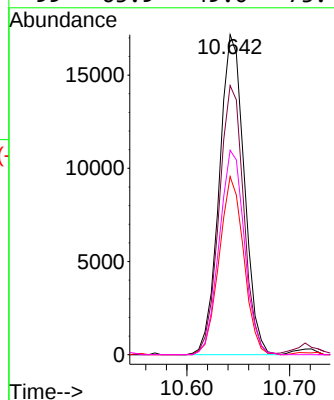
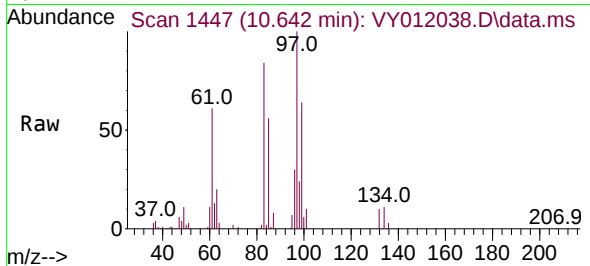




#55
1,1,2-Trichloroethane
Concen: 21.656 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

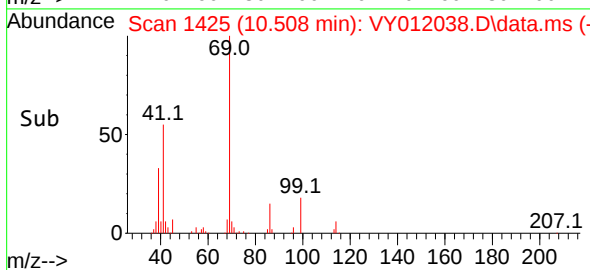
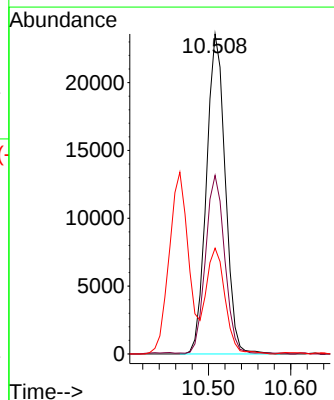
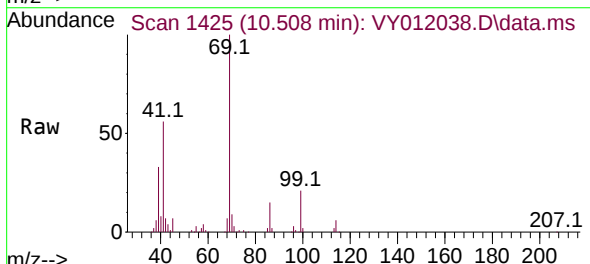
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

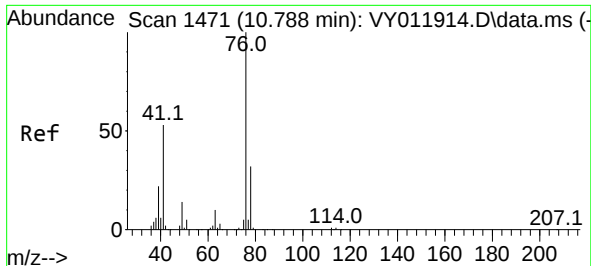
Tgt Ion:	97	Resp:	29032
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.7	101.5
85	55.6	43.8	65.8
99	63.9	49.0	73.4



#56
Ethyl methacrylate
Concen: 22.088 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion:	69	Resp:	37490
Ion	Ratio	Lower	Upper
69	100		
41	57.4	48.9	73.3
39	32.5	25.9	38.9





#57

1,3-Dichloropropane

Concen: 22.051 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

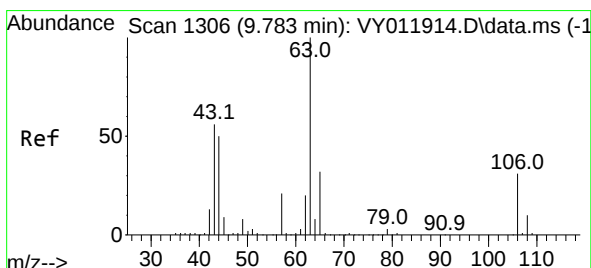
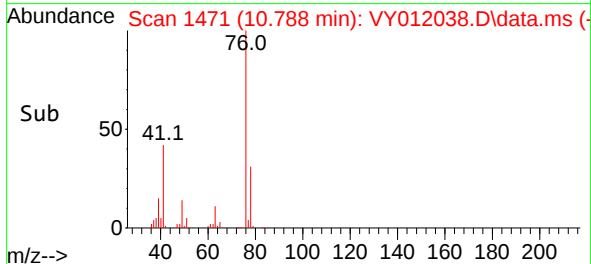
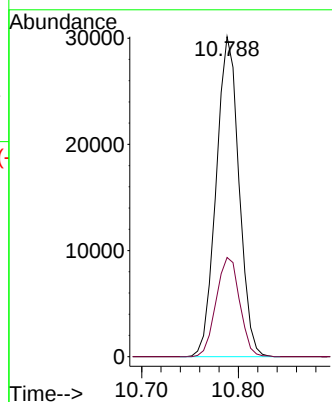
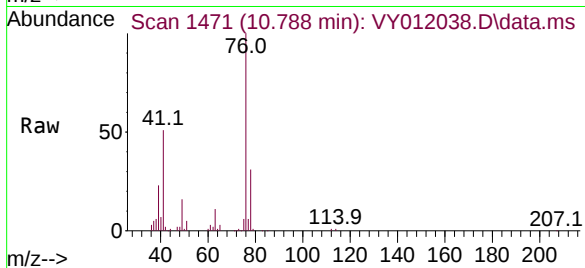
VY0103SBS01

Tgt Ion: 76 Resp: 49332

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 108.713 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012038.D

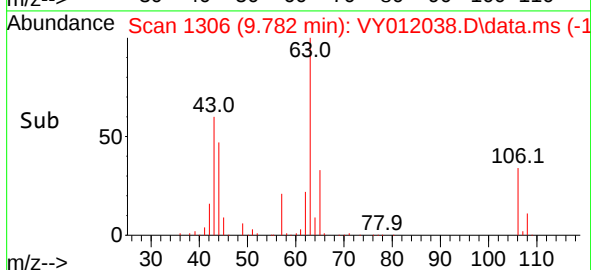
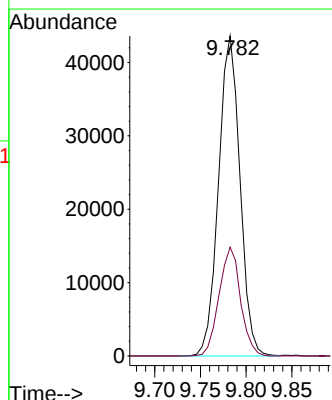
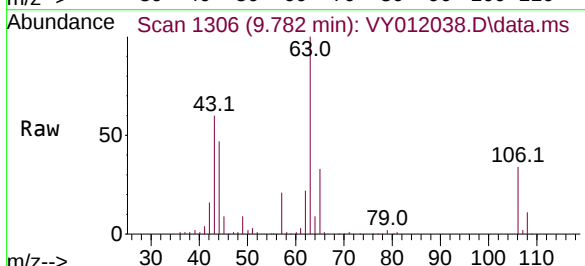
Acq: 03 Jan 2023 11:50

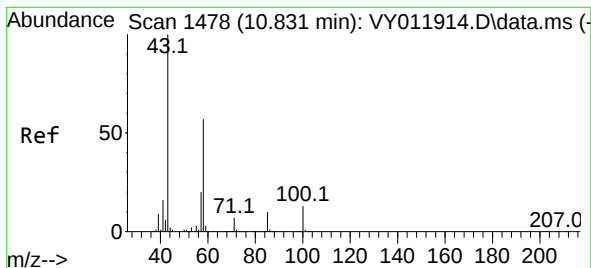
Tgt Ion: 63 Resp: 71202

Ion Ratio Lower Upper

63 100

106 33.9 23.2 34.8

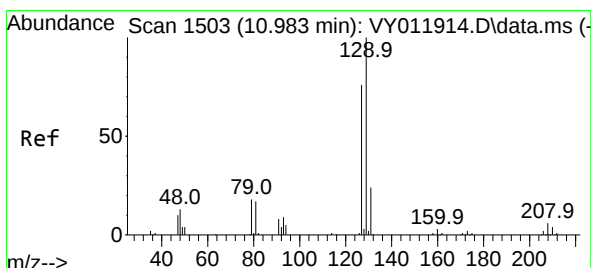
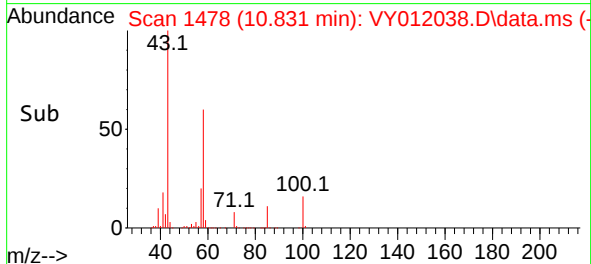
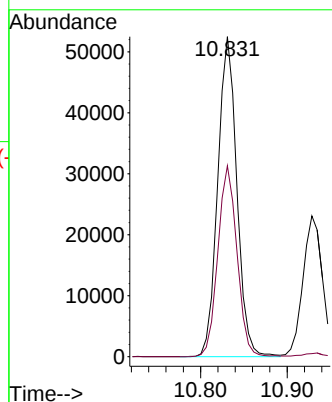
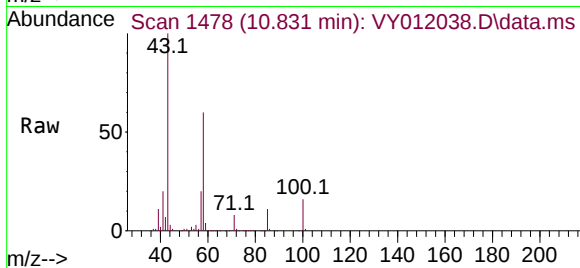




#59
2-Hexanone
Concen: 100.760 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

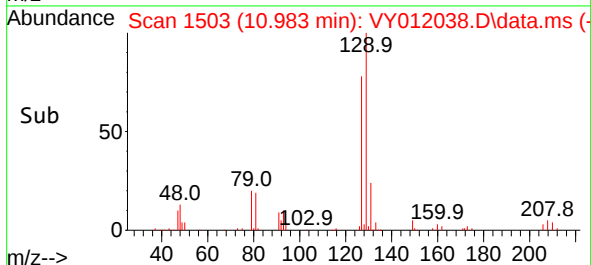
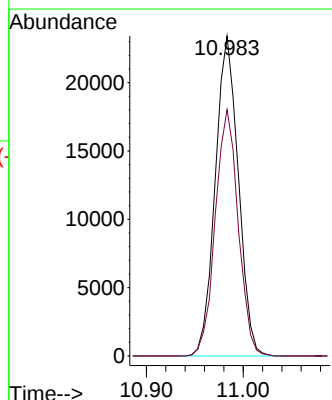
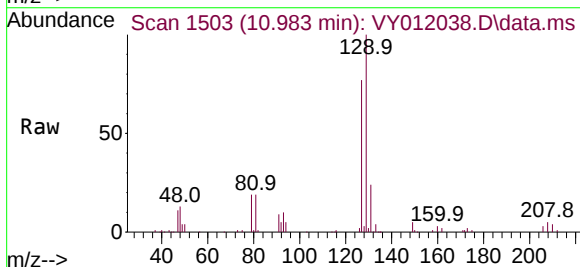
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

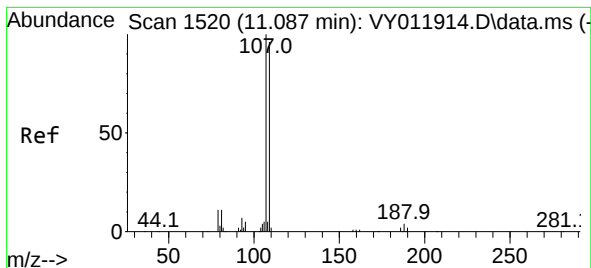
Tgt Ion: 43 Resp: 80331
Ion Ratio Lower Upper
43 100
58 59.9 28.4 85.2



#60
Dibromochloromethane
Concen: 22.970 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion: 129 Resp: 38791
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.6

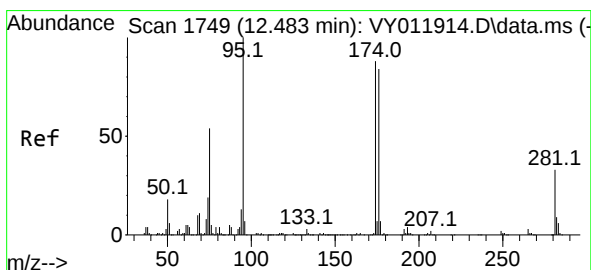
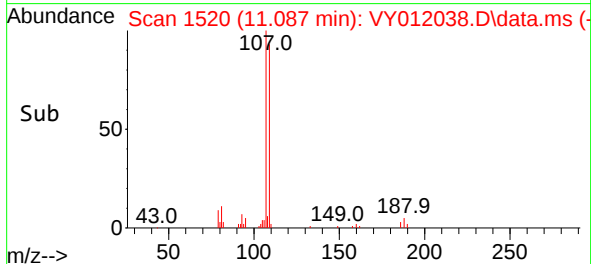
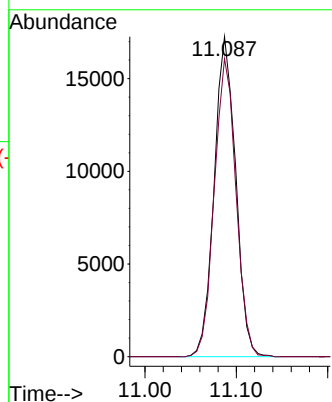
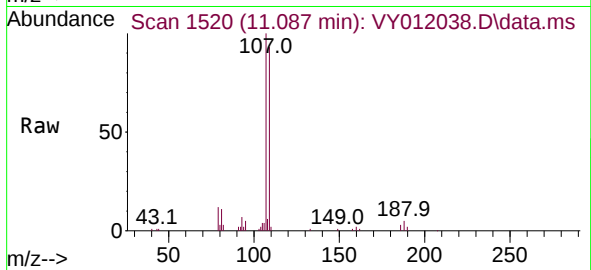




#61
1,2-Dibromoethane
Concen: 22.464 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

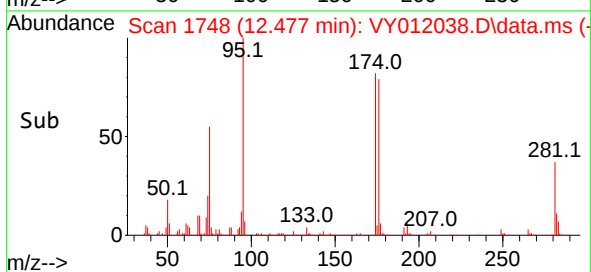
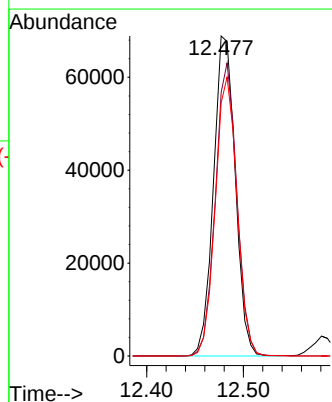
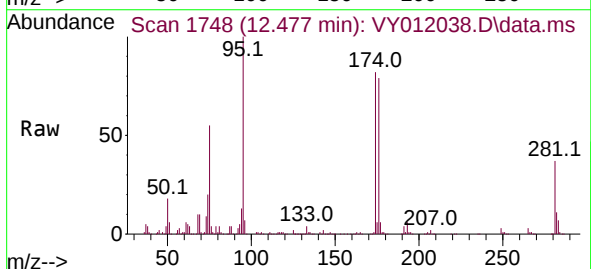
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

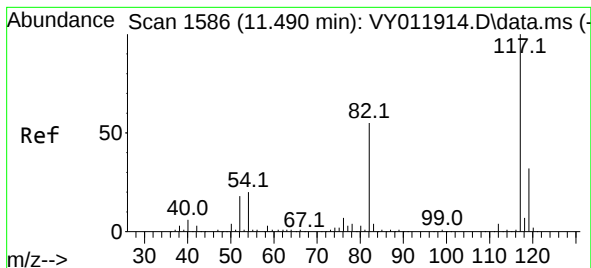
Tgt Ion:107 Resp: 28175
Ion Ratio Lower Upper
107 100
109 94.3 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 50.996 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion: 95 Resp: 107600
Ion Ratio Lower Upper
95 100
174 90.5 0.0 172.0
176 86.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBS01

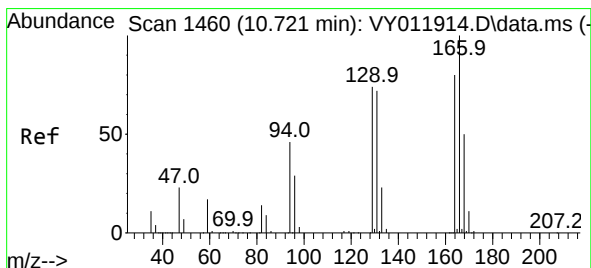
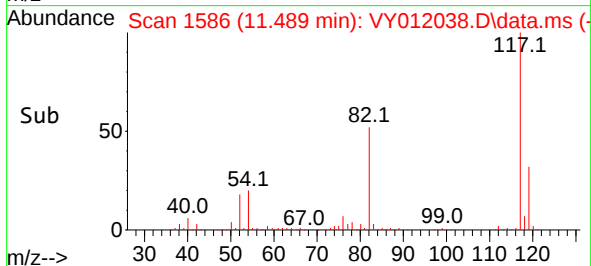
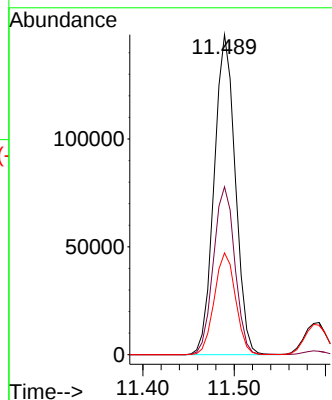
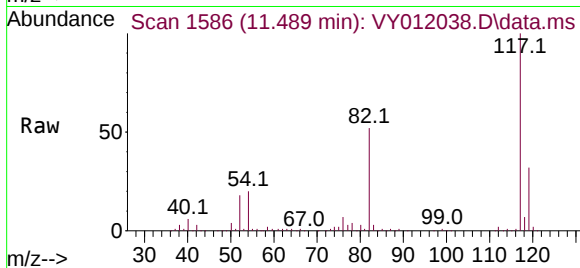
Tgt Ion:117 Resp: 238242

Ion Ratio Lower Upper

117 100

82 52.4 44.8 67.2

119 31.8 25.4 38.2



#64

Tetrachloroethene

Concen: 22.951 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Tgt Ion:164 Resp: 47860

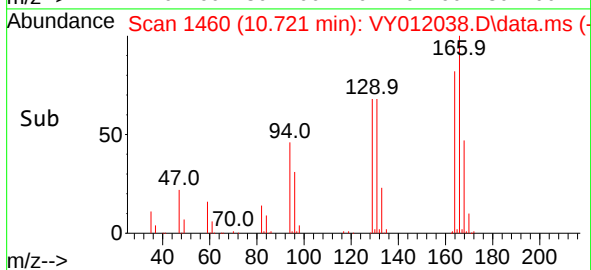
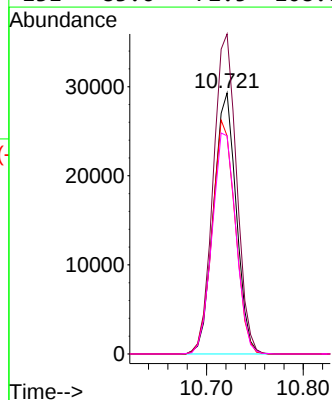
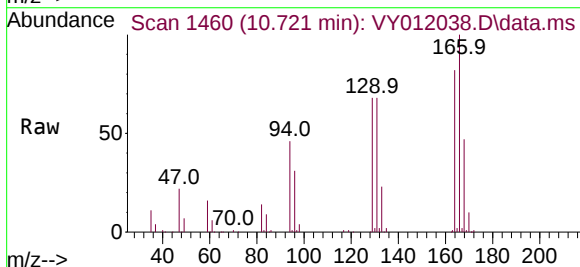
Ion Ratio Lower Upper

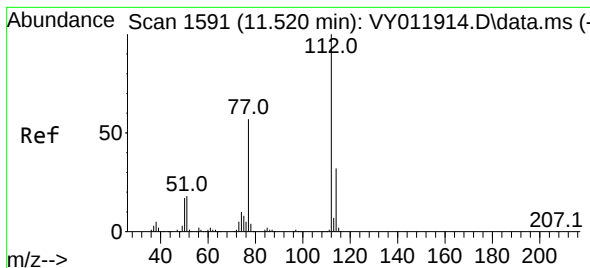
164 100

166 122.6 102.3 153.5

129 83.6 77.2 115.8

131 83.6 72.5 108.7





#65

Chlorobenzene

Concen: 21.282 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

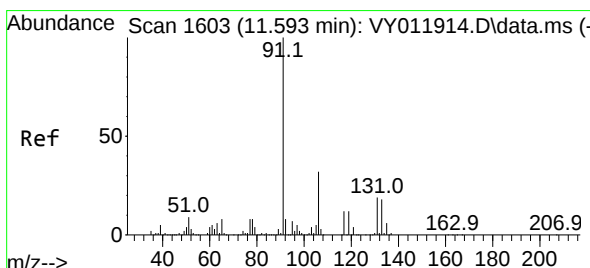
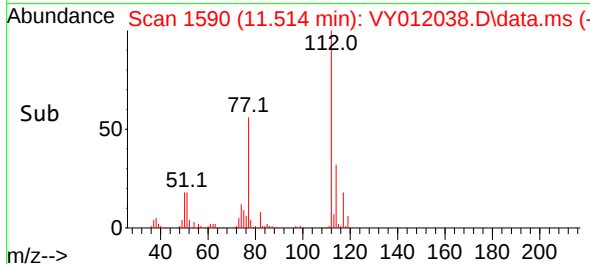
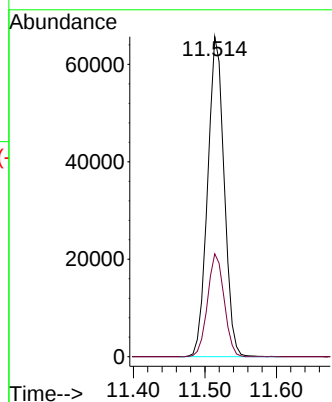
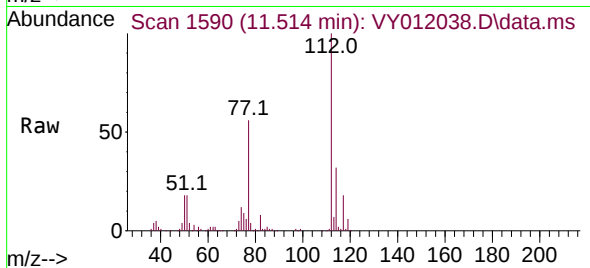
VY0103SBS01

Tgt Ion:112 Resp: 105277

Ion Ratio Lower Upper

112 100

114 32.2 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 21.708 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

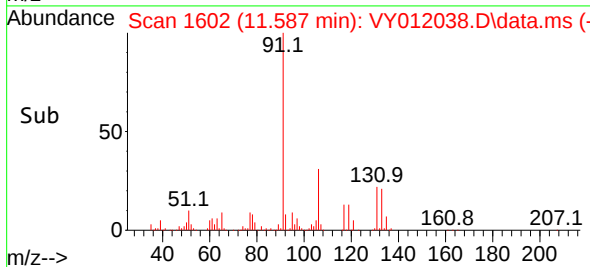
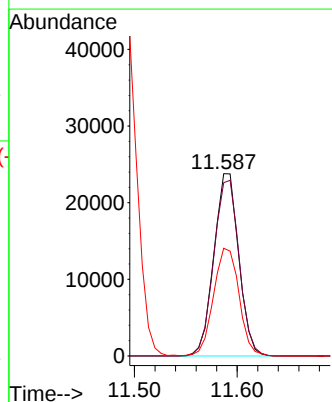
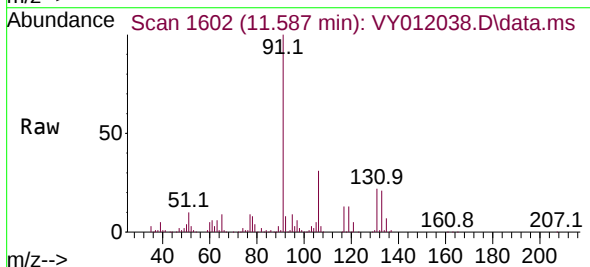
Tgt Ion:131 Resp: 39954

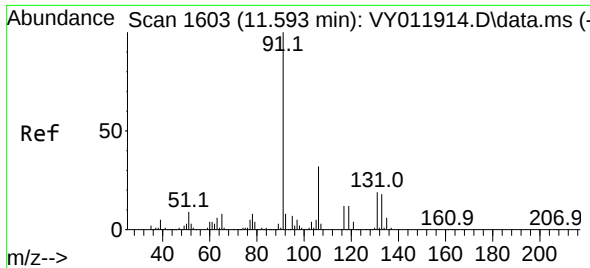
Ion Ratio Lower Upper

131 100

133 98.5 47.3 142.0

119 60.7 32.1 96.3

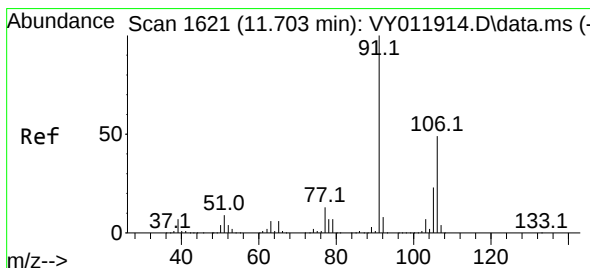
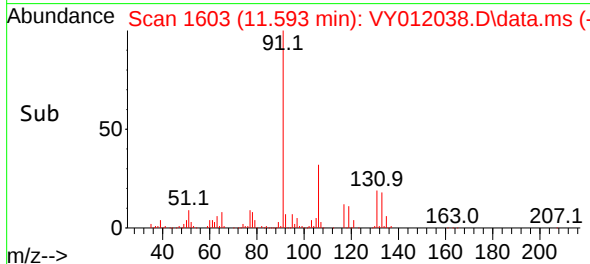
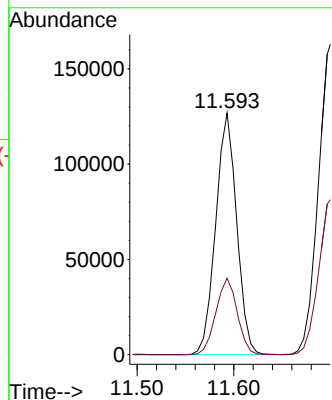
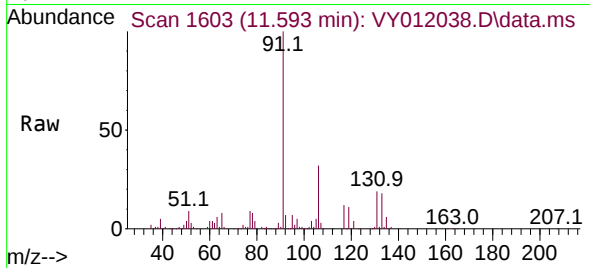




#67
Ethyl Benzene
Concen: 21.322 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

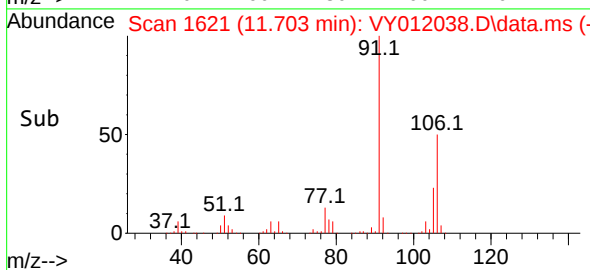
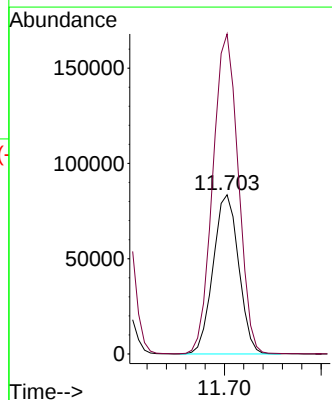
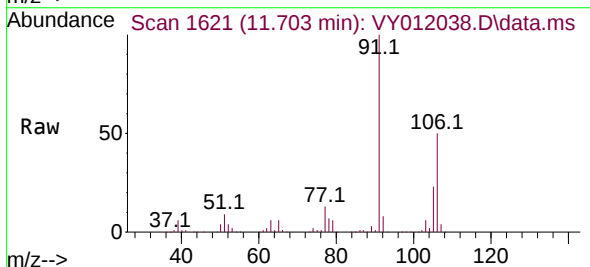
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

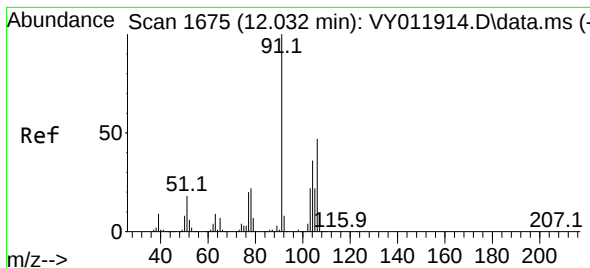
Tgt Ion: 91 Resp: 190656
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4



#68
m/p-Xylenes
Concen: 44.048 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion: 106 Resp: 153177
Ion Ratio Lower Upper
106 100
91 200.6 162.5 243.7

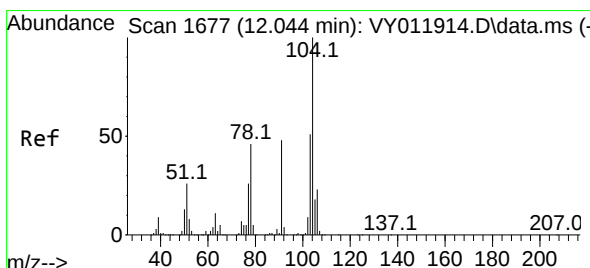
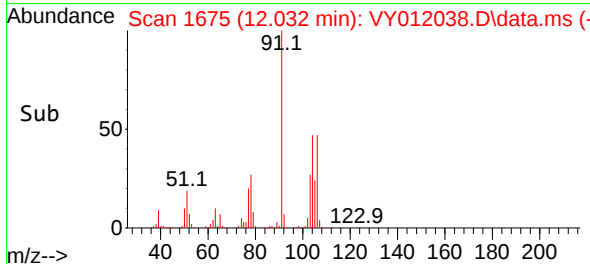
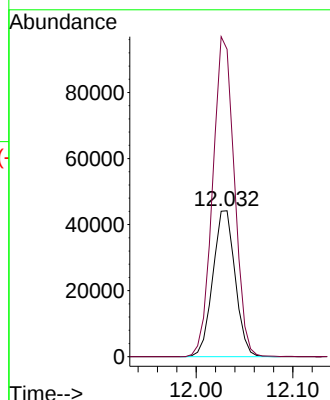
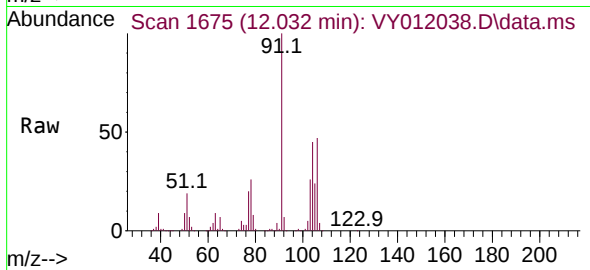




#69
o-Xylene
Concen: 21.881 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

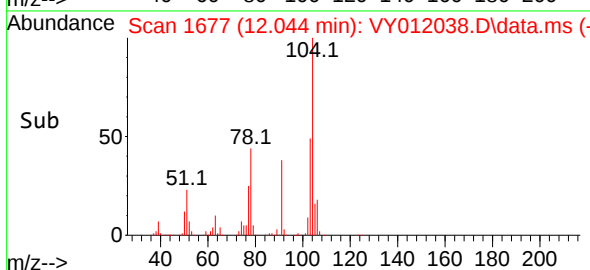
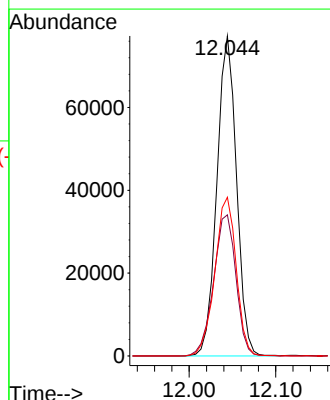
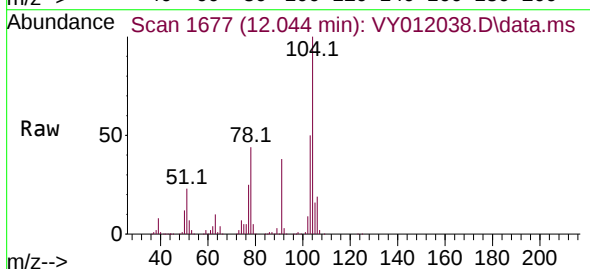
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

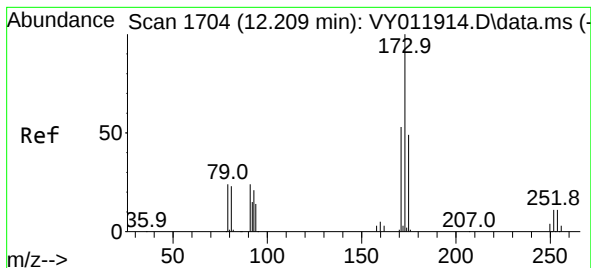
Tgt Ion:106 Resp: 70800
Ion Ratio Lower Upper
106 100
91 212.8 107.5 322.4



#70
Styrene
Concen: 22.374 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion:104 Resp: 121557
Ion Ratio Lower Upper
104 100
78 50.3 39.4 59.0
103 54.1 43.0 64.4





#71

Bromoform

Concen: 23.477 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBS01

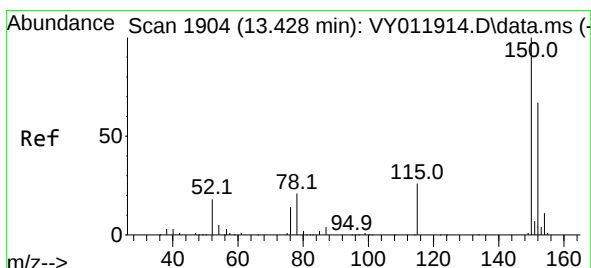
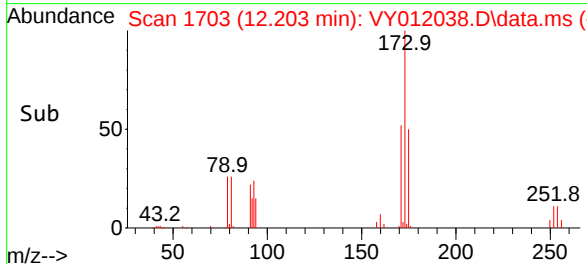
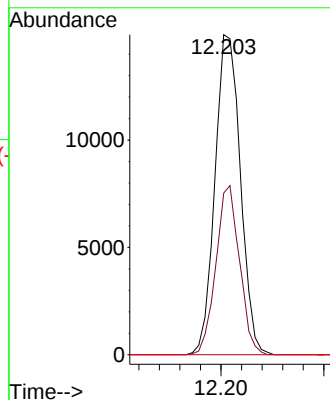
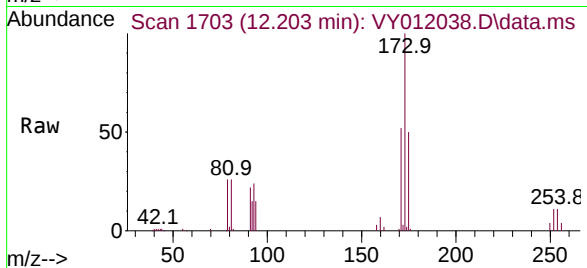
Tgt Ion:173 Resp: 25604

Ion Ratio Lower Upper

173 100

175 49.0 23.8 71.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

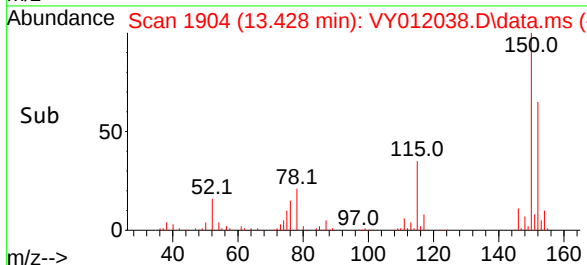
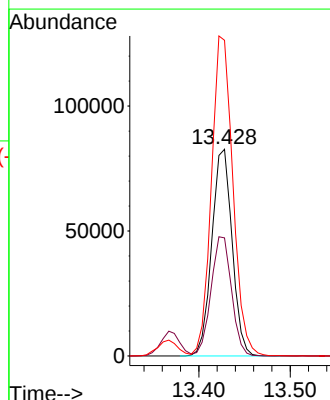
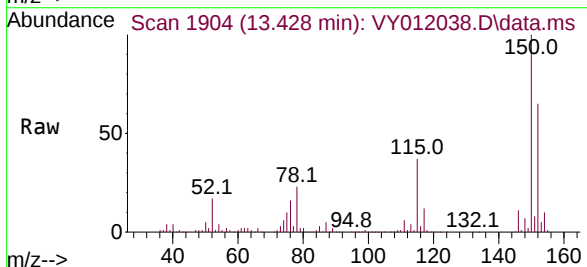
Tgt Ion:152 Resp: 127743

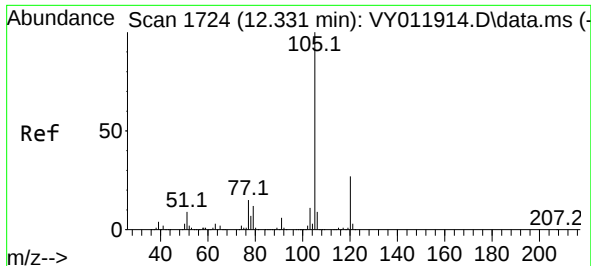
Ion Ratio Lower Upper

152 100

115 58.2 29.1 87.3

150 163.1 0.0 342.6

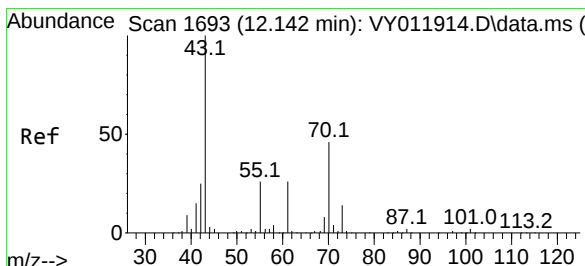
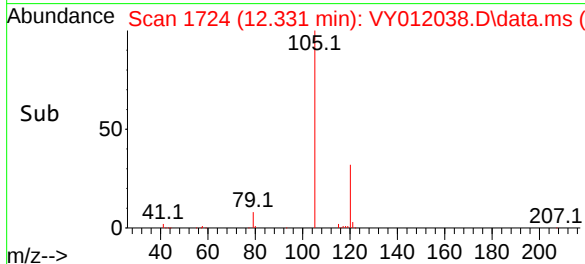
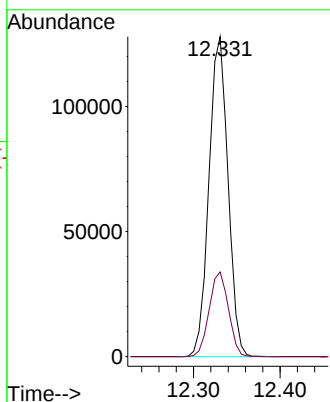
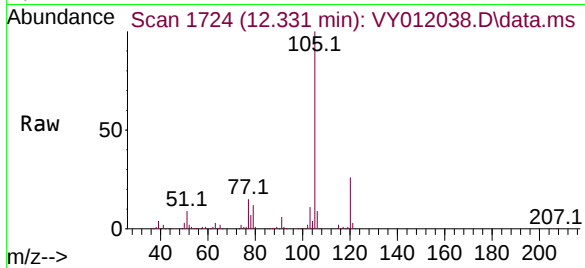




#73
Isopropylbenzene
Concen: 20.579 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

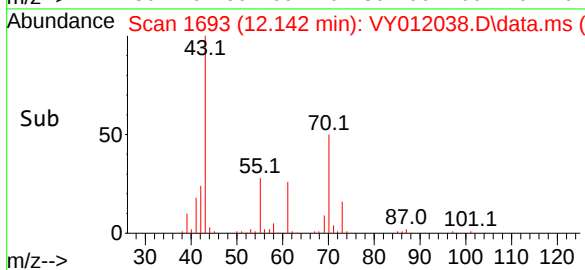
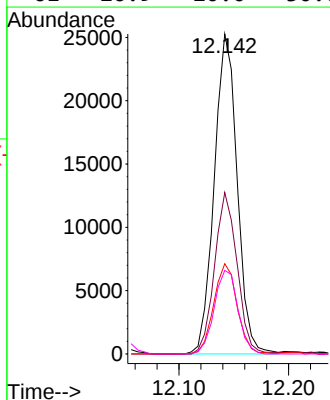
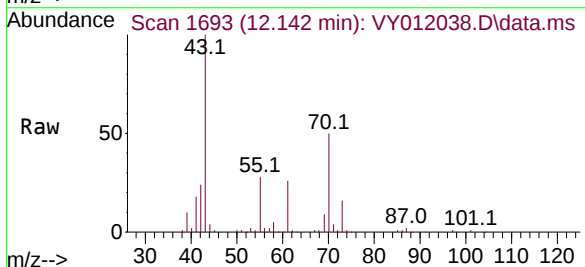
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

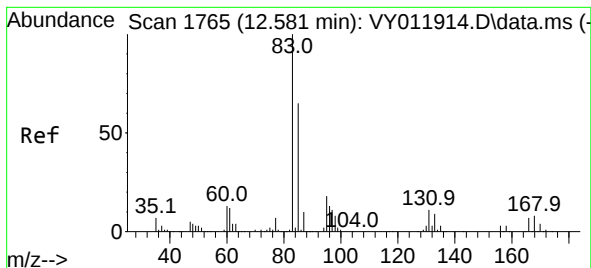
Tgt Ion:105 Resp: 195074
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6



#74
N-ethyl acetate
Concen: 18.906 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion: 43 Resp: 36742
Ion Ratio Lower Upper
43 100
70 49.6 35.8 53.8
55 28.8 21.0 31.4
61 26.9 20.0 30.0





#75

1,1,2-Tetrachloroethane

Concen: 19.205 ug/l

RT: 12.581 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBS01

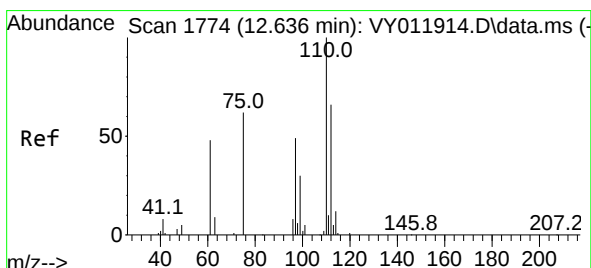
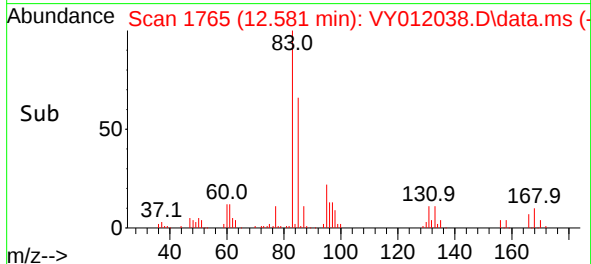
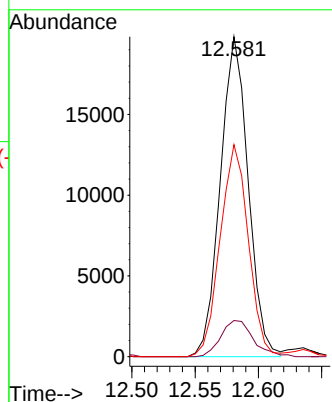
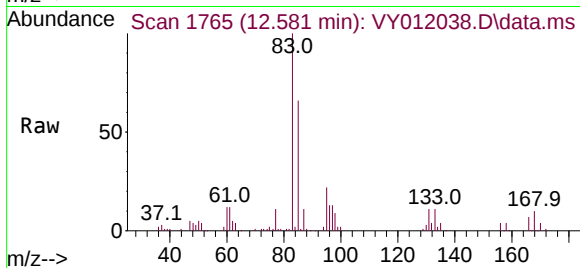
Tgt Ion: 83 Resp: 30370

Ion Ratio Lower Upper

83 100

131 13.1 5.6 16.8

85 66.9 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 28.823 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012038.D

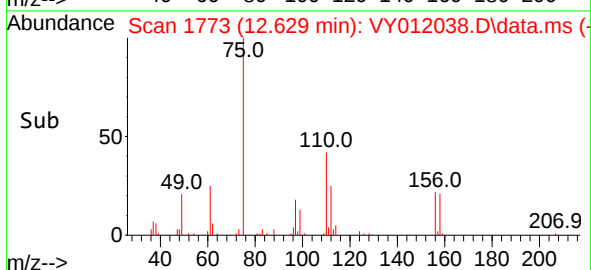
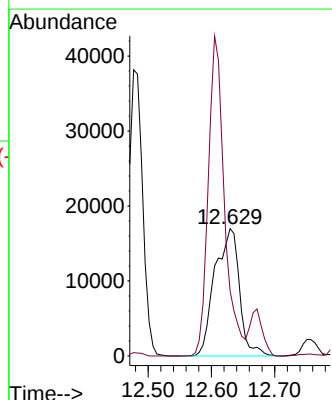
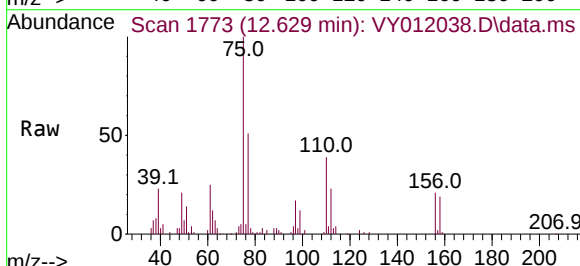
Acq: 03 Jan 2023 11:50

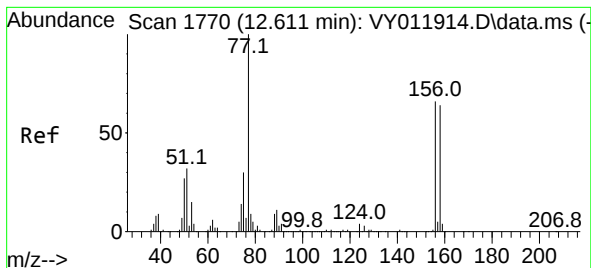
Tgt Ion: 75 Resp: 45815

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.742 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBS01

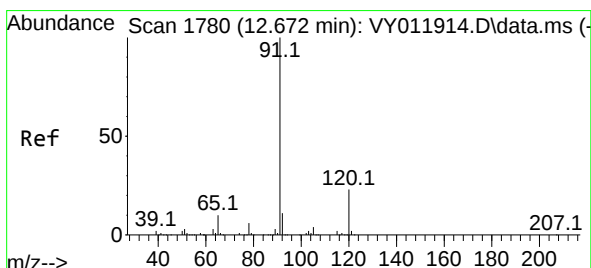
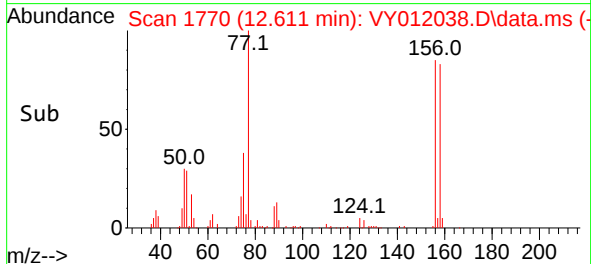
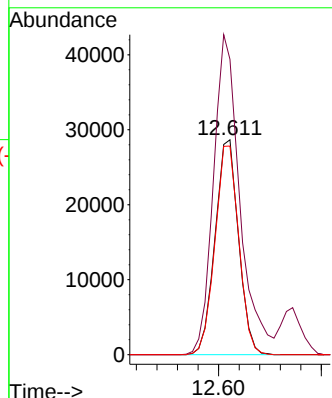
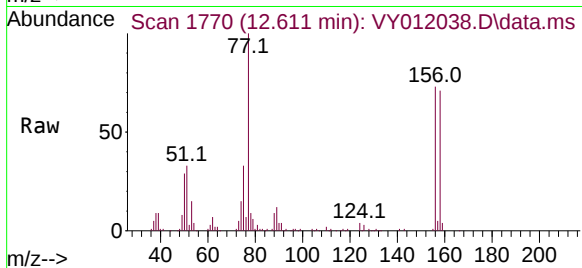
Tgt Ion:156 Resp: 45487

Ion Ratio Lower Upper

156 100

77 167.7 90.0 270.0

158 98.3 48.4 145.2



#78

n-propylbenzene

Concen: 20.239 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012038.D

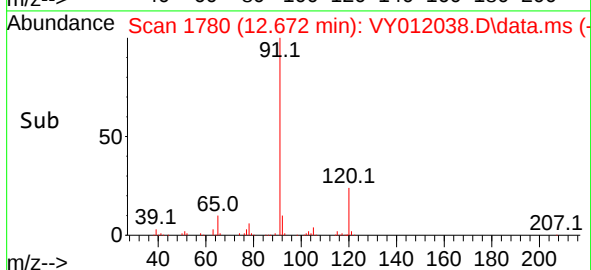
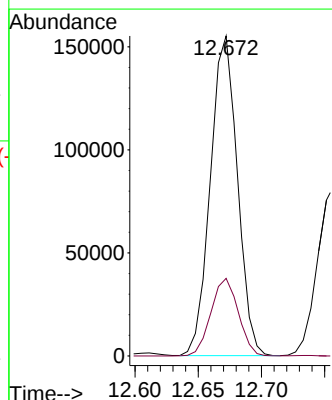
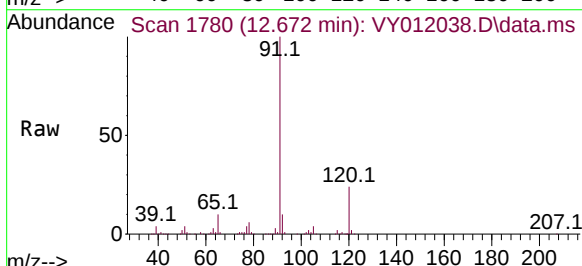
Acq: 03 Jan 2023 11:50

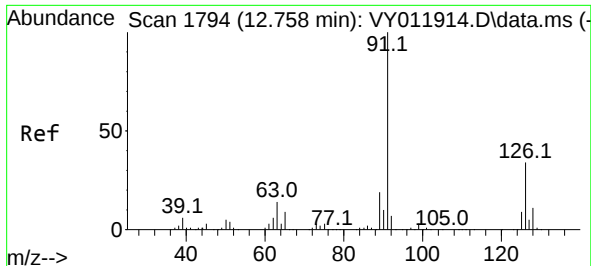
Tgt Ion: 91 Resp: 230614

Ion Ratio Lower Upper

91 100

120 24.6 11.8 35.4





#79

2-Chlorotoluene

Concen: 20.135 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

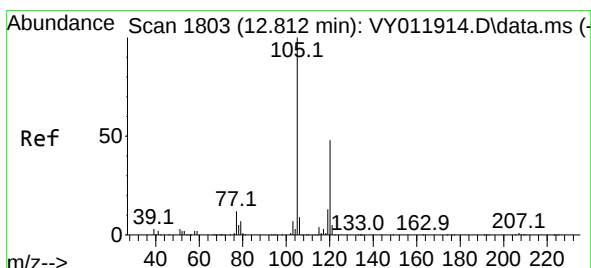
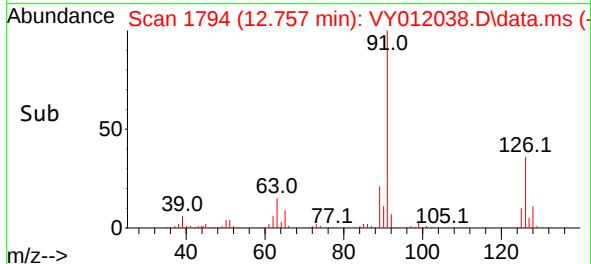
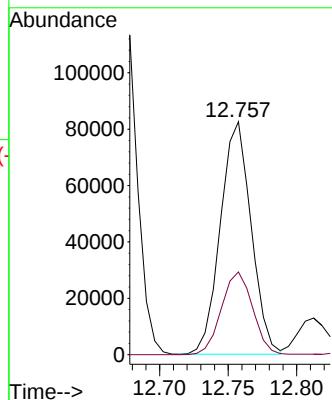
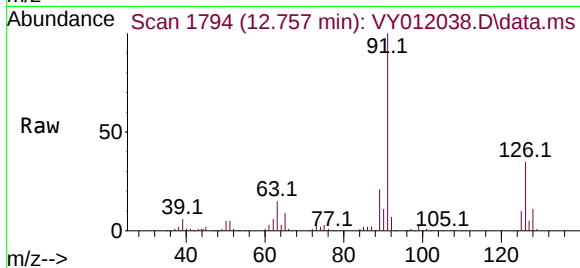
VY0103SBS01

Tgt Ion: 91 Resp: 128962

Ion Ratio Lower Upper

91 100

126 36.0 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 21.029 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012038.D

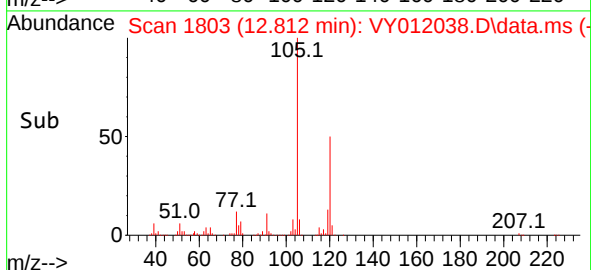
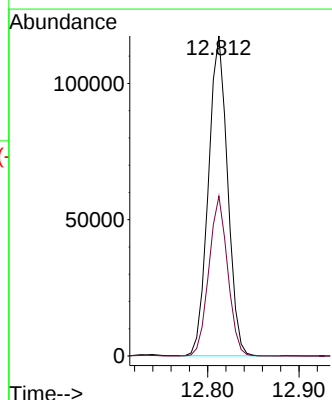
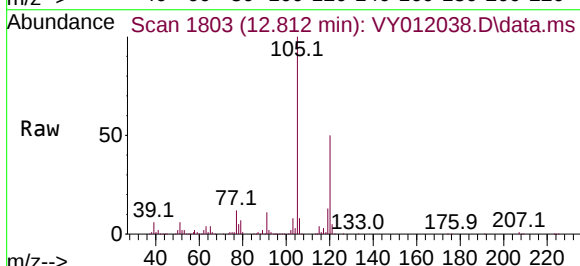
Acq: 03 Jan 2023 11:50

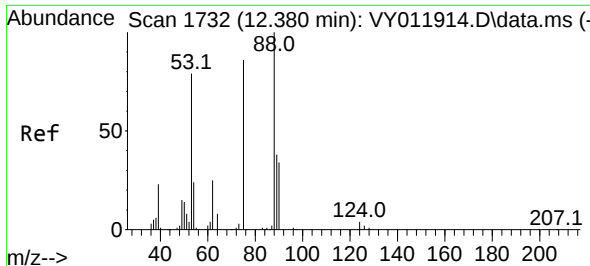
Tgt Ion: 105 Resp: 170671

Ion Ratio Lower Upper

105 100

120 48.8 24.2 72.6

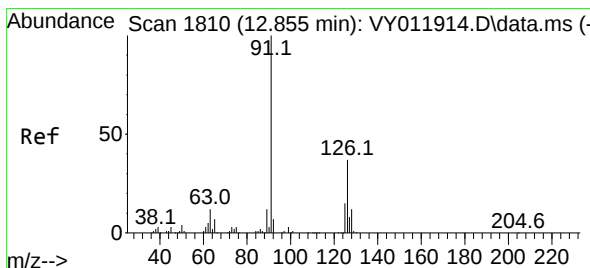
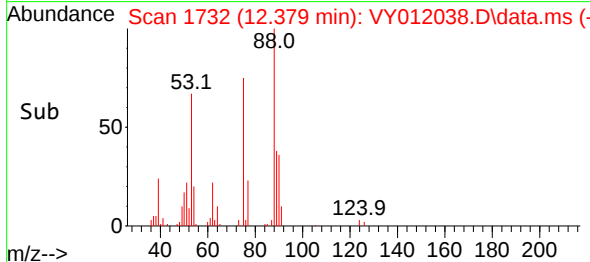
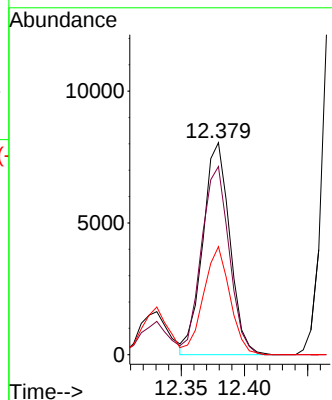
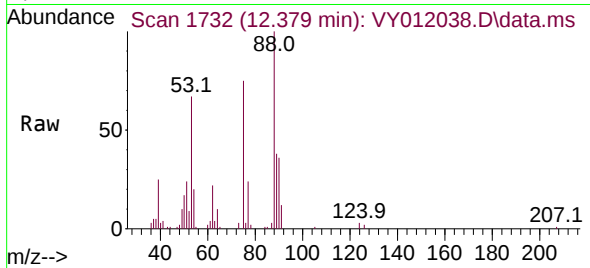




#81
trans-1,4-Dichloro-2-butene
Concen: 20.588 ug/l
RT: 12.379 min Scan# 11950
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

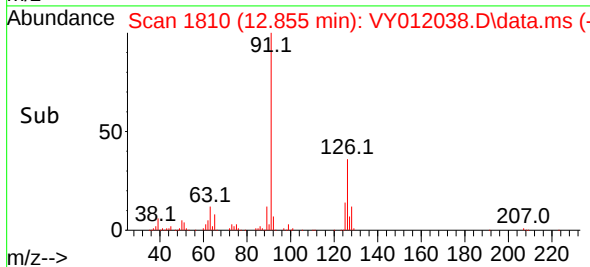
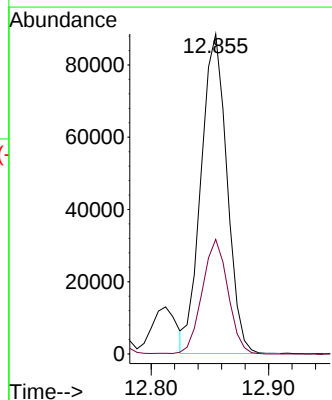
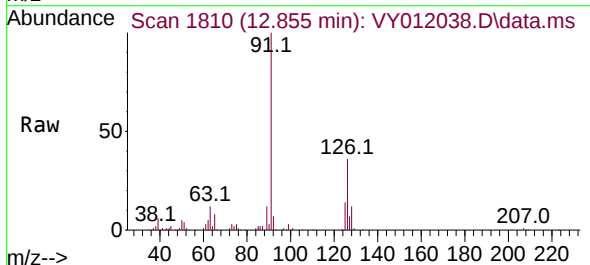
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

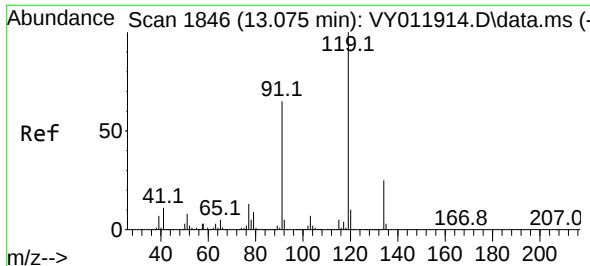
Tgt Ion: 75 Resp: 11950
Ion Ratio Lower Upper
75 100
53 91.2 72.5 108.7
89 50.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.441 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion: 91 Resp: 135462
Ion Ratio Lower Upper
91 100
126 35.7 17.1 51.2

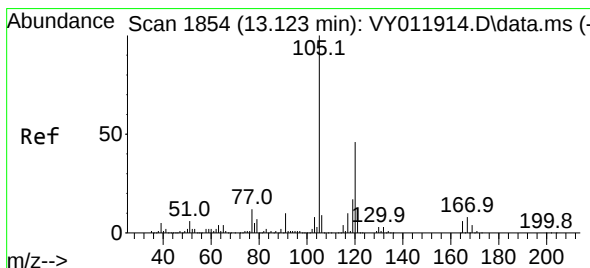
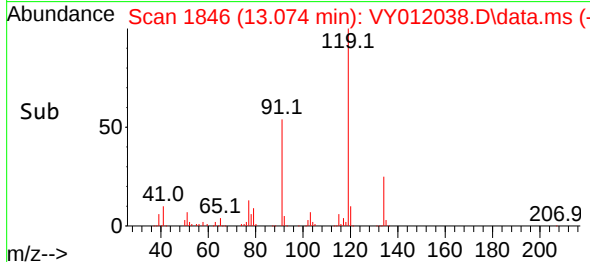
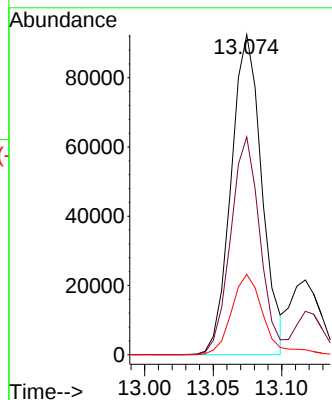
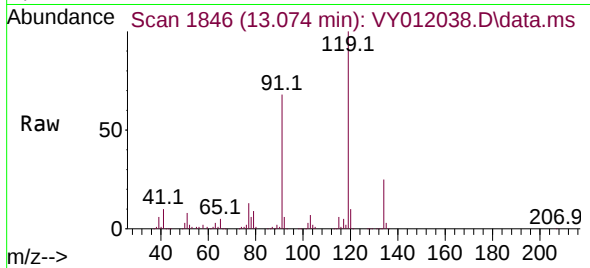




#83
tert-Butylbenzene
Concen: 21.028 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

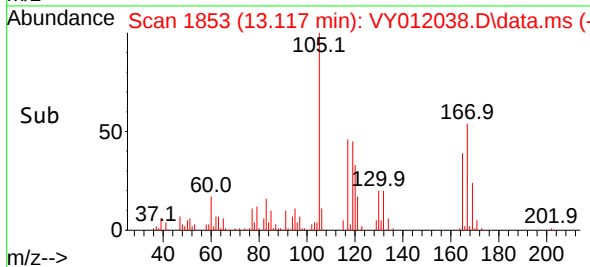
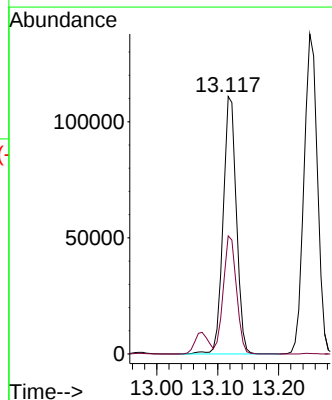
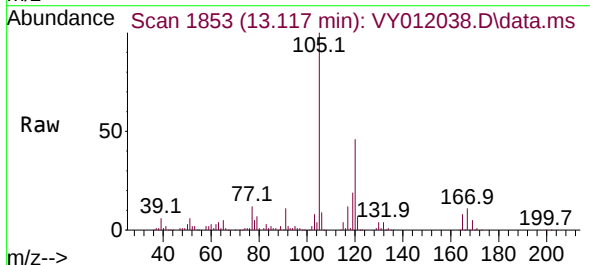
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

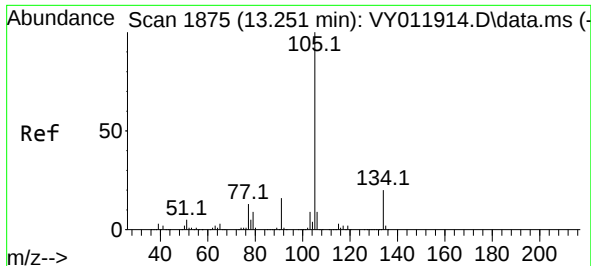
Tgt Ion:119 Resp: 144635
Ion Ratio Lower Upper
119 100
91 64.9 32.3 96.8
134 26.1 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 21.005 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion:105 Resp: 167707
Ion Ratio Lower Upper
105 100
120 45.4 22.9 68.7

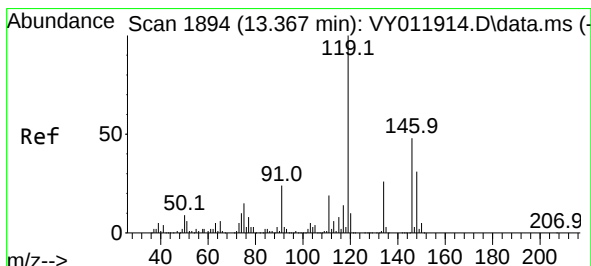
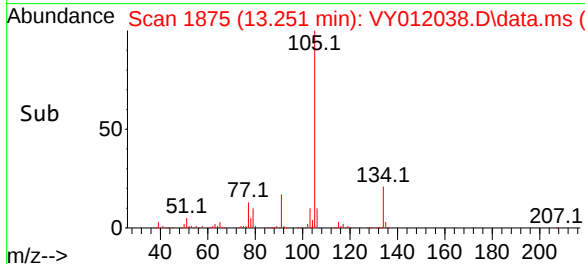
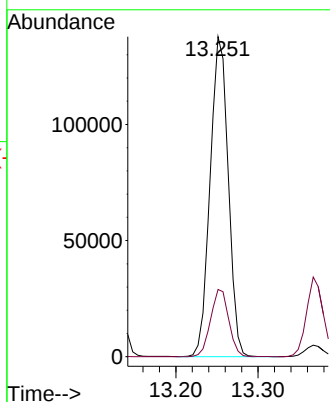
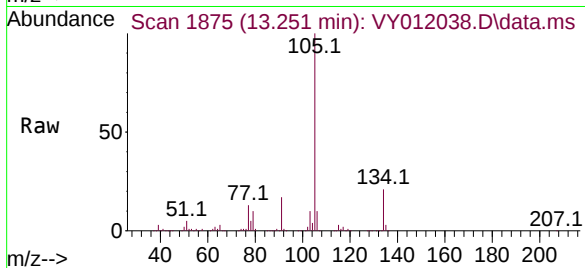




#85
 sec-Butylbenzene
 Concen: 20.546 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY012038.D
 Acq: 03 Jan 2023 11:50

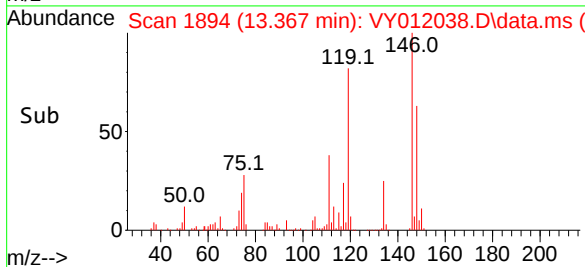
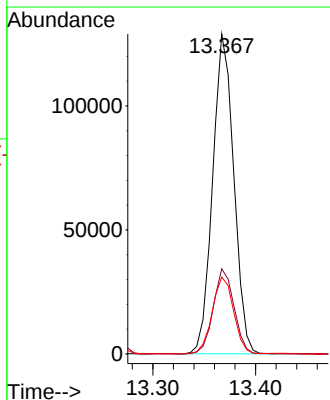
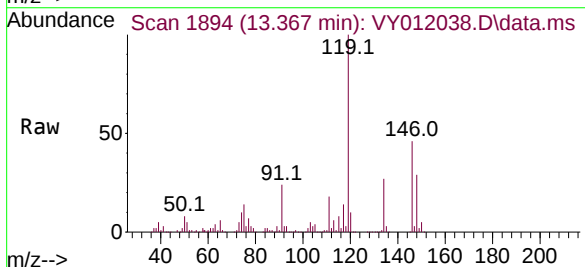
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0103SBS01

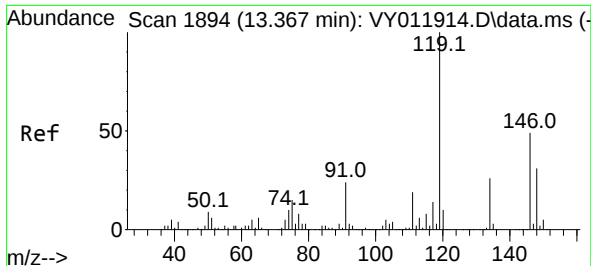
Tgt Ion:105 Resp: 211021
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 21.182 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012038.D
 Acq: 03 Jan 2023 11:50

Tgt Ion:119 Resp: 183572
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 24.4 11.9 35.9

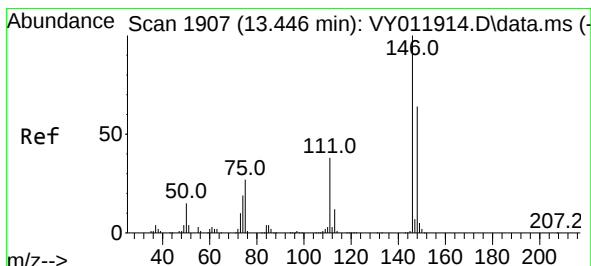
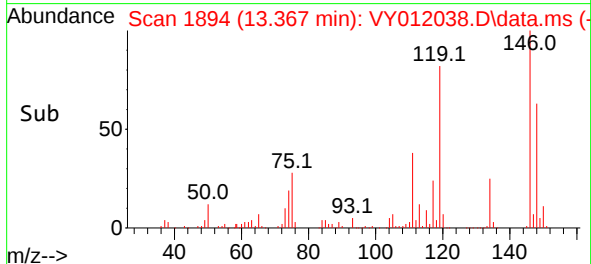
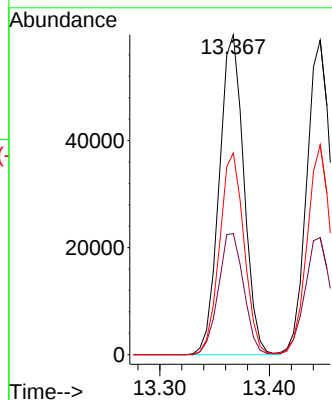
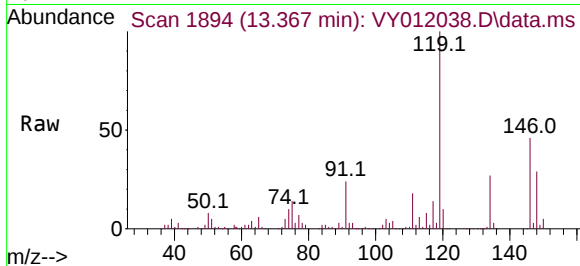




#87
1,3-Dichlorobenzene
Concen: 21.127 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

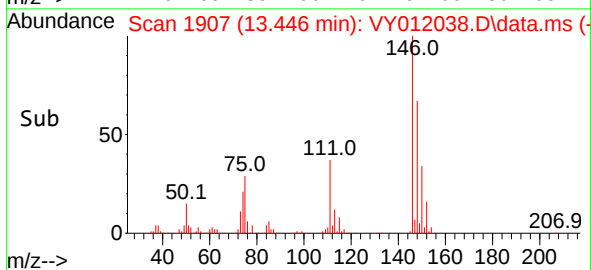
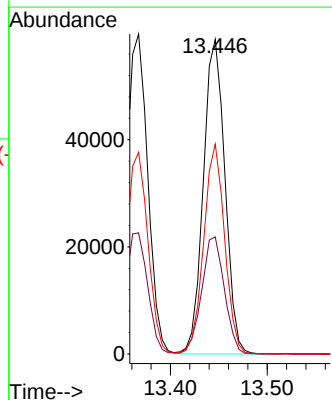
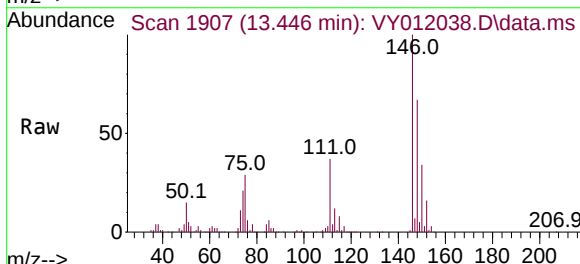
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

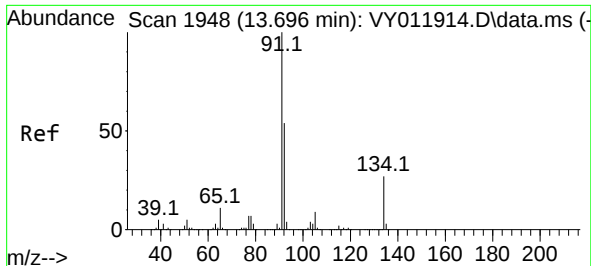
Tgt Ion:146 Resp: 93179
Ion Ratio Lower Upper
146 100
111 39.0 19.7 59.0
148 62.8 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 20.790 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY012038.D
Acq: 03 Jan 2023 11:50

Tgt Ion:146 Resp: 91157
Ion Ratio Lower Upper
146 100
111 39.5 19.6 58.7
148 64.7 31.9 95.7





#89

n-Butylbenzene

Concen: 20.494 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBS01

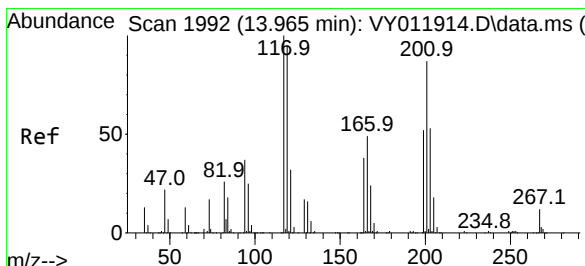
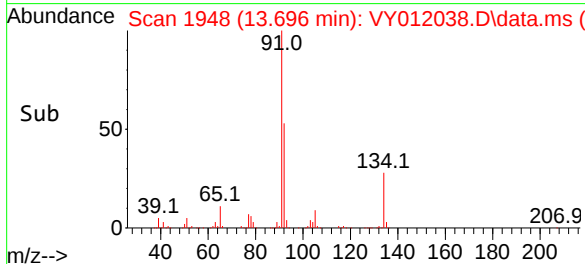
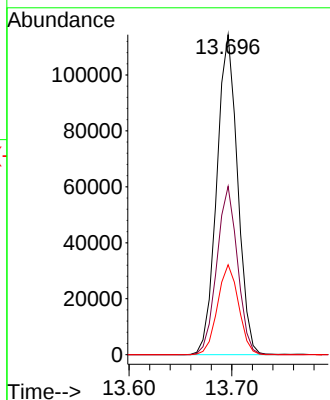
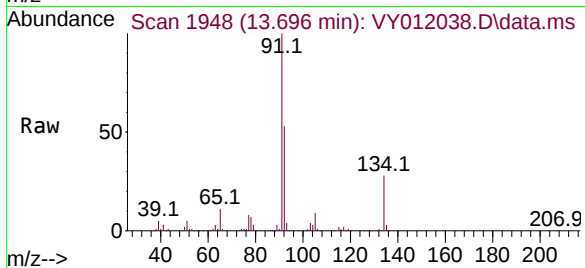
Tgt Ion: 91 Resp: 160782

Ion Ratio Lower Upper

91 100

92 52.4 26.8 80.4

134 28.4 13.3 39.8



#90

Hexachloroethane

Concen: 20.570 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012038.D

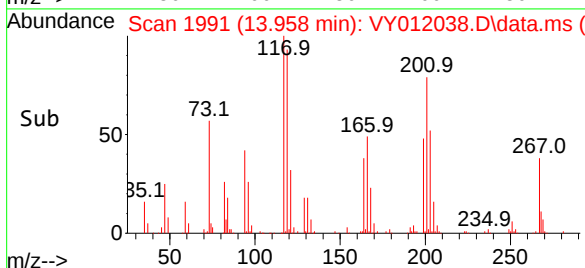
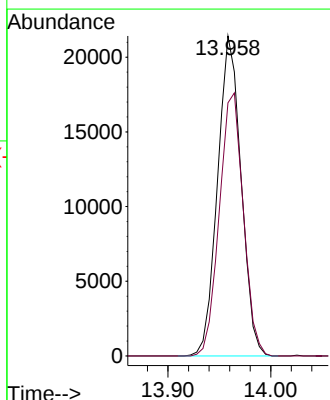
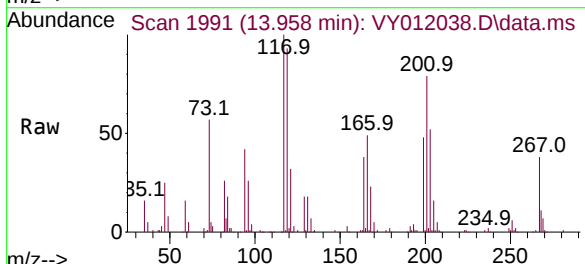
Acq: 03 Jan 2023 11:50

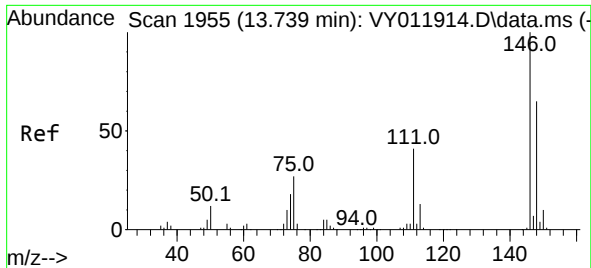
Tgt Ion: 117 Resp: 34015

Ion Ratio Lower Upper

117 100

201 83.7 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 21.055 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBS01

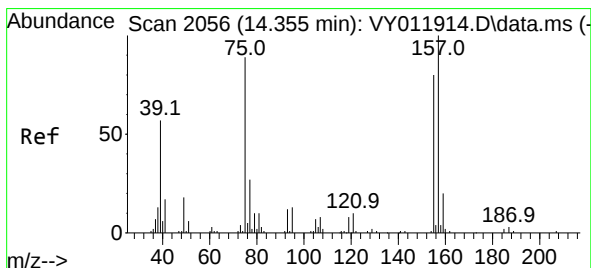
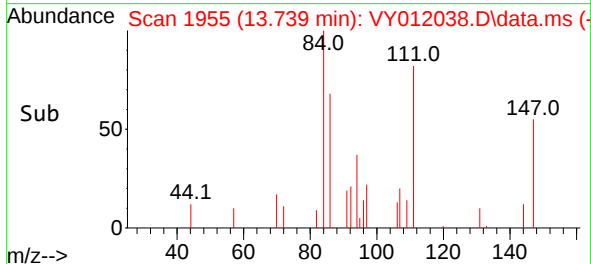
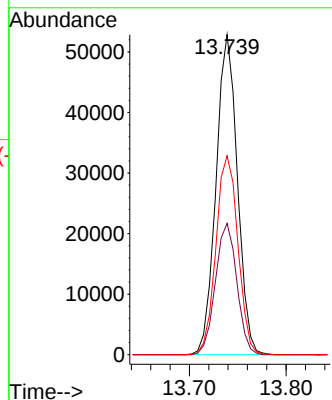
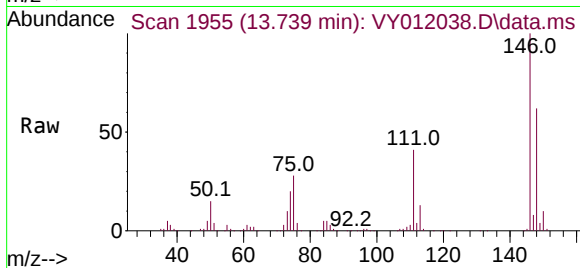
Tgt Ion:146 Resp: 80956

Ion Ratio Lower Upper

146 100

111 41.1 20.3 60.8

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.987 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

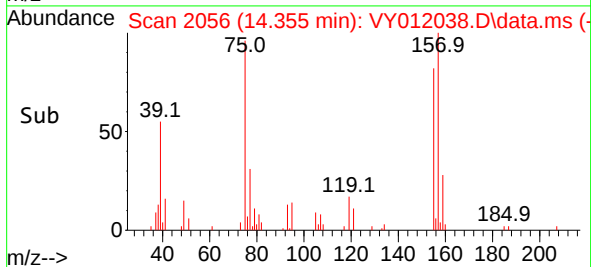
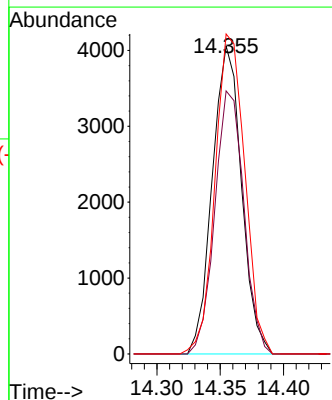
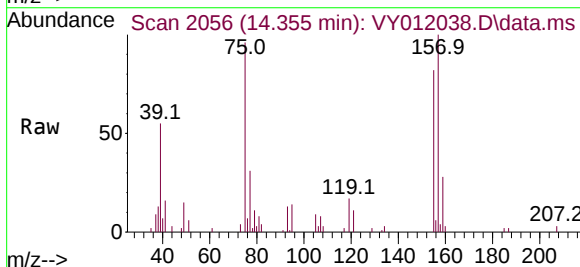
Tgt Ion: 75 Resp: 6519

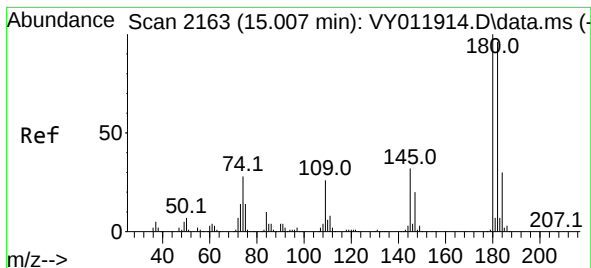
Ion Ratio Lower Upper

75 100

155 84.7 42.3 126.8

157 105.3 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 22.942 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBS01

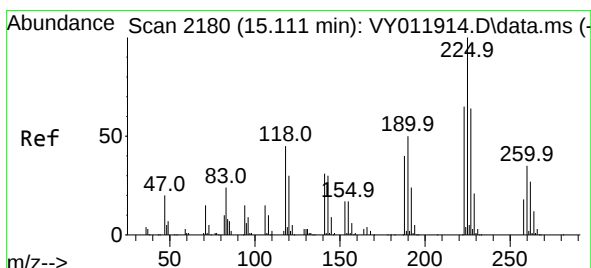
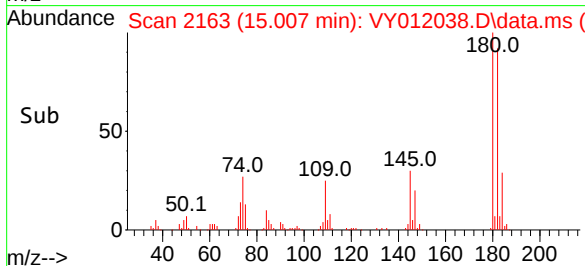
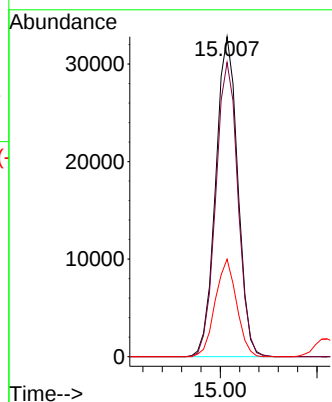
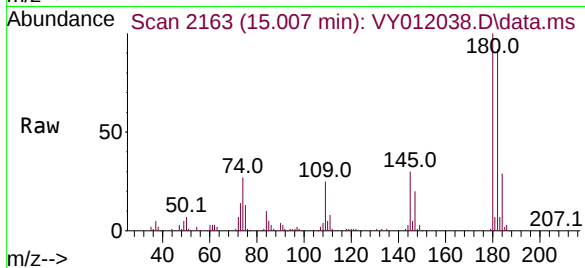
Tgt Ion:180 Resp: 51892

Ion Ratio Lower Upper

180 100

182 92.2 48.1 144.3

145 29.5 15.4 46.4



#94

Hexachlorobutadiene

Concen: 21.745 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

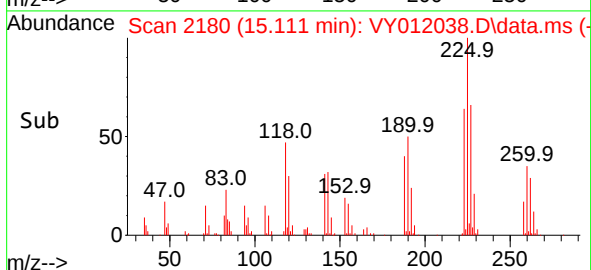
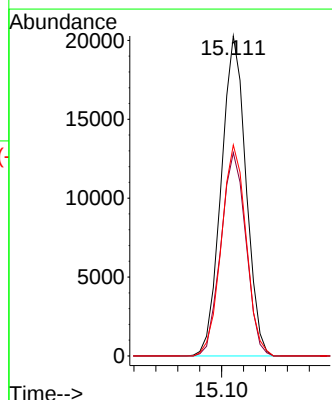
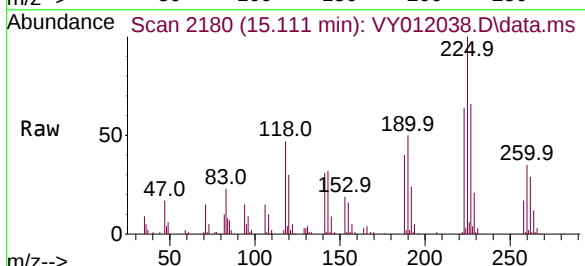
Tgt Ion:225 Resp: 31780

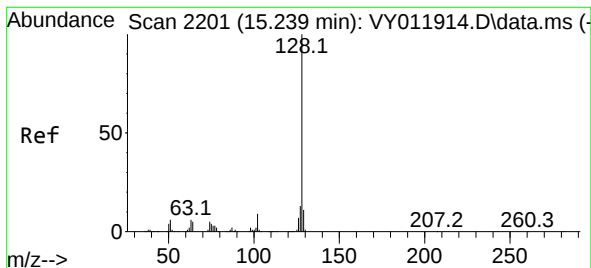
Ion Ratio Lower Upper

225 100

223 64.0 31.4 94.2

227 65.9 32.6 97.8





#95

Naphthalene

Concen: 22.257 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBS01

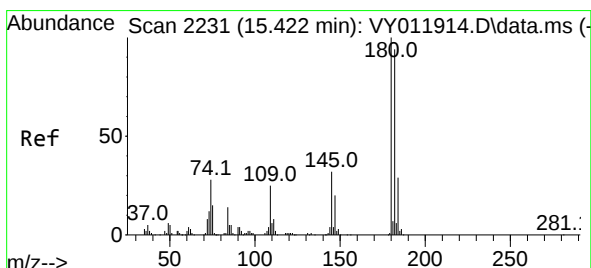
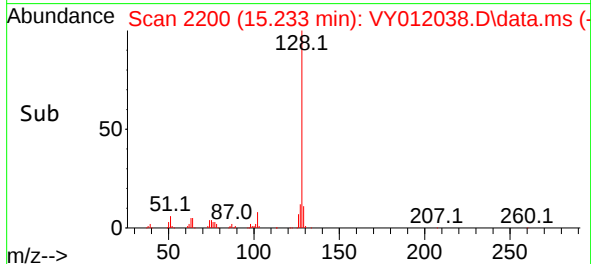
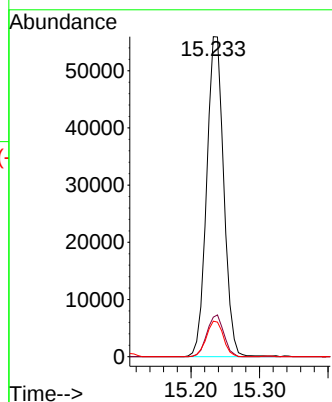
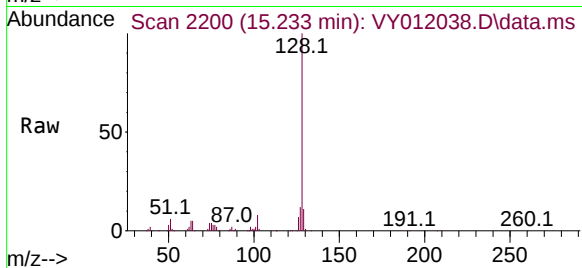
Tgt Ion:128 Resp: 97030

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 22.785 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY012038.D

Acq: 03 Jan 2023 11:50

Tgt Ion:180 Resp: 43573

Ion Ratio Lower Upper

180 100

182 93.4 47.9 143.7

145 33.7 16.1 48.2

