

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013073.D
 Acq On : 24 Mar 2023 12:58
 Operator : KP/MD
 Sample : VY0324SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Quant Time: Mar 25 03:31:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	105886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	164263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	149278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79392	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55556	52.845	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.680%	
35) Dibromofluoromethane	7.716	113	56578	57.073	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.140%	
50) Toluene-d8	10.179	98	178481	49.249	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.500%	
62) 4-Bromofluorobenzene	12.483	95	70228	57.412	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.820%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	18833	18.045	ug/l	96
3) Chloromethane	2.113	50	20891	16.744	ug/l	97
4) Vinyl Chloride	2.253	62	20138	17.601	ug/l	100
5) Bromomethane	2.637	94	14107	20.292	ug/l	96
6) Chloroethane	2.790	64	13962	20.376	ug/l	91
7) Trichlorofluoromethane	3.125	101	34319	18.060	ug/l	98
8) Diethyl Ether	3.527	74	12506	18.780	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	21171	18.518	ug/l	97
10) Methyl Iodide	4.088	142	24778	16.633	ug/l	96
11) Tert butyl alcohol	4.954	59	17153	132.391	ug/l	95
12) 1,1-Dichloroethene	3.875	96	18385	16.861	ug/l	91
13) Acrolein	3.729	56	10096	54.813	ug/l	98
14) Allyl chloride	4.478	41	40716	20.215	ug/l	99
15) Acrylonitrile	5.161	53	36034	102.698	ug/l	100
16) Acetone	3.948	43	42946	104.074	ug/l	95
17) Carbon Disulfide	4.198	76	57662	15.536	ug/l	98
18) Methyl Acetate	4.472	43	26859	21.857	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	59341	21.070	ug/l	99
20) Methylene Chloride	4.710	84	37391	27.249	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	23352	19.708	ug/l	96
22) Diisopropyl ether	6.112	45	78822	21.546	ug/l	95
23) Vinyl Acetate	6.057	43	232836	102.433	ug/l	99
24) 1,1-Dichloroethane	6.015	63	43389	20.814	ug/l	99
25) 2-Butanone	6.984	43	54124	105.897	ug/l	94
26) 2,2-Dichloropropane	6.978	77	38390	20.735	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	26650	20.978	ug/l	98
28) Bromochloromethane	7.332	49	16504	21.664	ug/l	99
29) Tetrahydrofuran	7.344	42	31871	103.392	ug/l	99
30) Chloroform	7.502	83	44830	21.772	ug/l	98
31) Cyclohexane	7.789	56	35400	17.582	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	38369	20.605	ug/l	99
36) 1,1-Dichloropropene	7.917	75	31652	19.053	ug/l	99
37) Ethyl Acetate	7.076	43	21656	20.683	ug/l	98
38) Carbon Tetrachloride	7.899	117	34773	20.270	ug/l	95
39) Methylcyclohexane	9.179	83	35278	17.862	ug/l	96
40) Benzene	8.161	78	96892	20.619	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	29656	52.570	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	30467	21.565	ug/l	99
43) Isopropyl Acetate	8.270	43	37867	20.271	ug/l	98
44) Trichloroethene	8.935	130	26051	21.027	ug/l	99
45) 1,2-Dichloropropane	9.215	63	25502	21.473	ug/l	96
46) Dibromomethane	9.301	93	14355	21.217	ug/l	96
47) Bromodichloromethane	9.496	83	34309	21.519	ug/l	99
48) Methyl methacrylate	9.295	41	16931	19.670	ug/l	95
49) 1,4-Dioxane	9.301	88	3981	455.151	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	108825	107.395	ug/l	100
52) Toluene	10.240	92	59275	20.916	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	35813	21.415	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	40124	21.197	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	20780	22.054	ug/l	99
56) Ethyl methacrylate	10.508	69	26183	20.840	ug/l	99
57) 1,3-Dichloropropane	10.788	76	34312	21.380	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	70551	106.969	ug/l	98
59) 2-Hexanone	10.831	43	78788	106.982	ug/l	99
60) Dibromochloromethane	10.983	129	25713	22.418	ug/l	98
61) 1,2-Dibromoethane	11.087	107	19463	21.443	ug/l	99
64) Tetrachloroethene	10.721	164	22195	20.421	ug/l	97
65) Chlorobenzene	11.514	112	65442	20.888	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	25235	21.767	ug/l	100
67) Ethyl Benzene	11.593	91	112270	20.382	ug/l	99
68) m/p-Xylenes	11.703	106	87068	41.089	ug/l	100
69) o-Xylene	12.032	106	40803	20.632	ug/l	97
70) Styrene	12.044	104	70444	21.345	ug/l	100
71) Bromoform	12.209	173	16777	22.196	ug/l #	98
73) Isopropylbenzene	12.331	105	107639	19.130	ug/l	100
74) N-amyl acetate	12.142	43	33898	19.148	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	25669	20.295	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	32112	33.871	ug/l #	100
77) Bromobenzene	12.611	156	27770	20.316	ug/l	98
78) n-propylbenzene	12.672	91	133901	19.303	ug/l	99
79) 2-Chlorotoluene	12.757	91	76387	19.813	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	92111	19.837	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	9133	19.960	ug/l	99
82) 4-Chlorotoluene	12.855	91	81243	20.357	ug/l	99
83) tert-Butylbenzene	13.074	119	77996	19.461	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	89827	19.783	ug/l	99
85) sec-Butylbenzene	13.251	105	117405	19.202	ug/l	99
86) p-Isopropyltoluene	13.367	119	97777	19.567	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	54231	20.571	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	54526	20.266	ug/l	99
89) n-Butylbenzene	13.696	91	90670	18.954	ug/l	100
90) Hexachloroethane	13.958	117	20639	19.830	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	49746	20.875	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4204	20.566	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	28370	19.335	ug/l	98
94) Hexachlorobutadiene	15.111	225	17183	19.201	ug/l	98
95) Naphthalene	15.233	128	54079	18.392	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	24921	19.097	ug/l	99

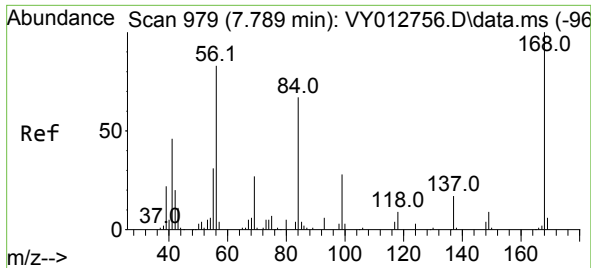
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Response via : Initial Calibration

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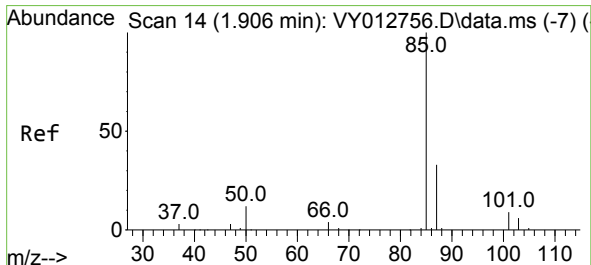
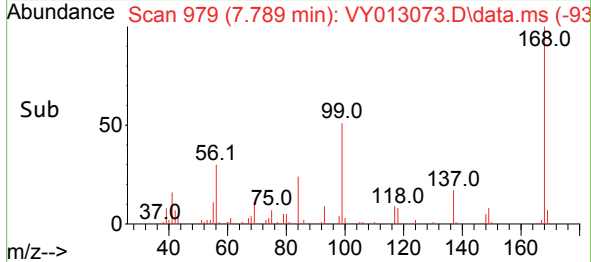
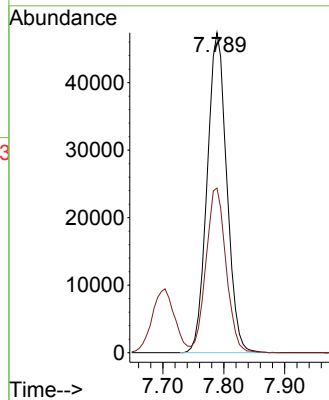
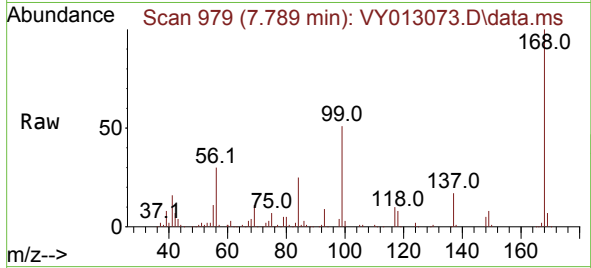
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

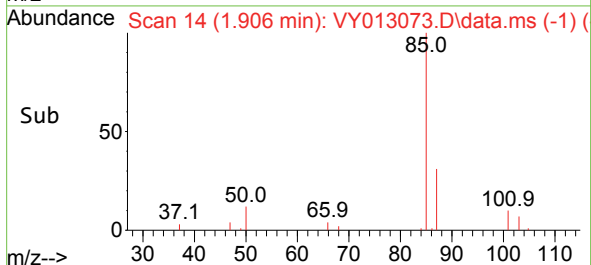
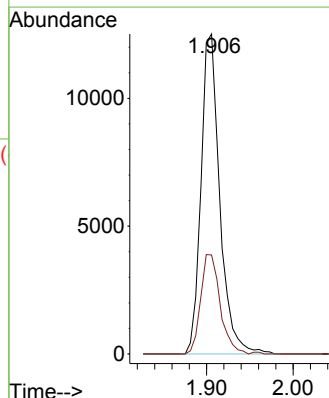
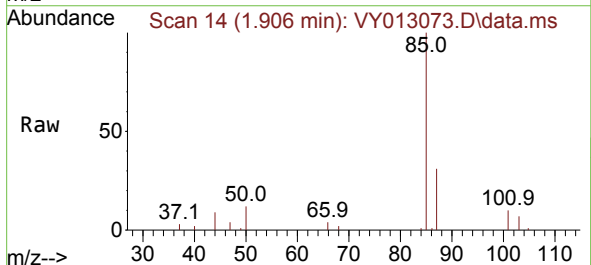
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MSVOA_Y
ClientSampleId :
VY0324SBS01

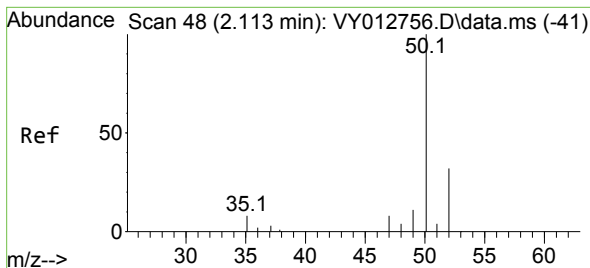
Tgt Ion:168 Resp: 105886
Ion Ratio Lower Upper
168 100
99 51.5 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 18.045 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

Tgt Ion: 85 Resp: 18833
Ion Ratio Lower Upper
85 100
87 30.9 16.7 50.0





#3

Chloromethane

Concen: 16.744 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

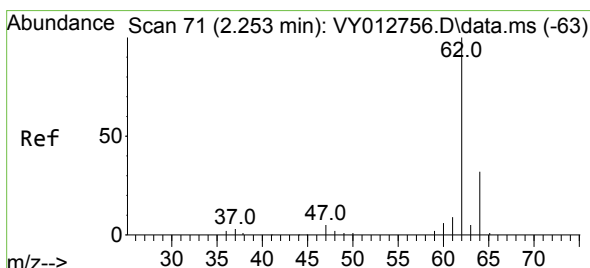
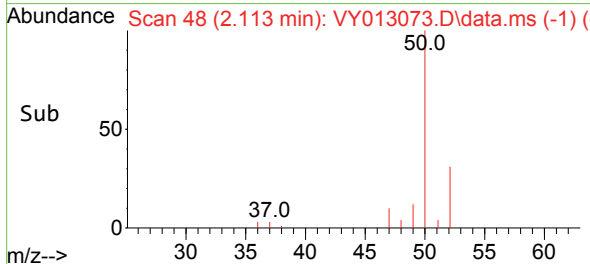
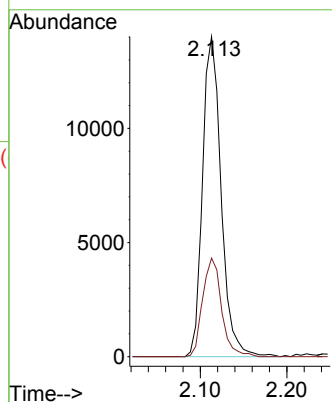
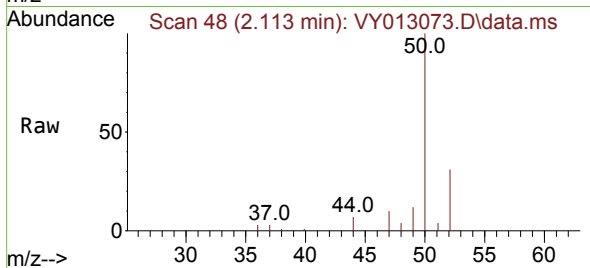
VY0324SBS01

Tgt Ion: 50 Resp: 20891

Ion Ratio Lower Upper

50 100

52 30.8 26.0 39.0



#4

Vinyl Chloride

Concen: 17.601 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY013073.D

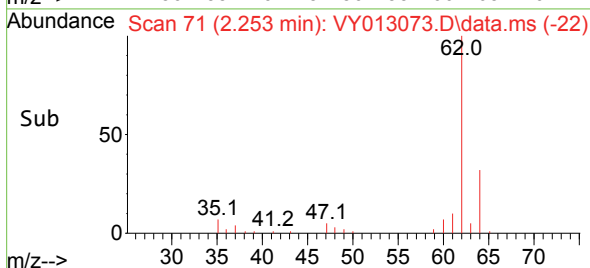
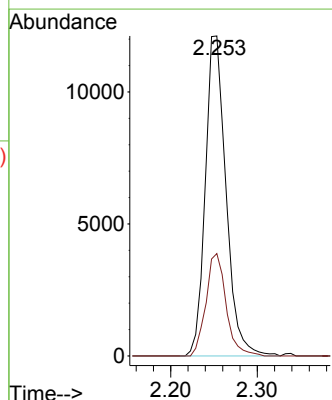
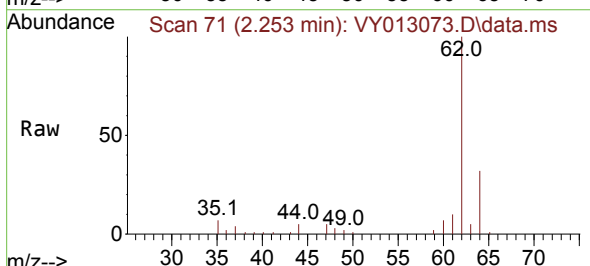
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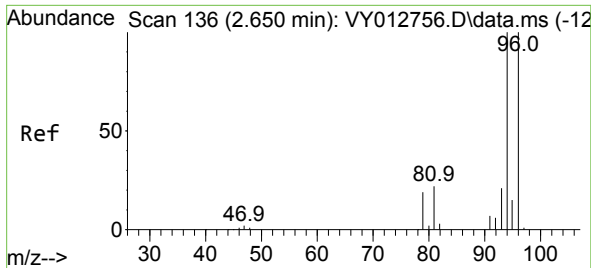
Tgt Ion: 62 Resp: 20138

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 20.292 ug/l

RT: 2.637 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

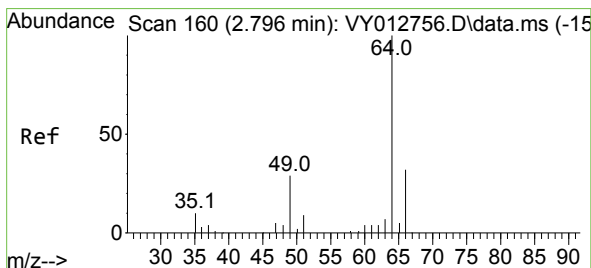
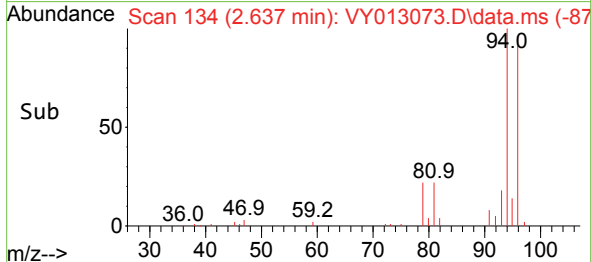
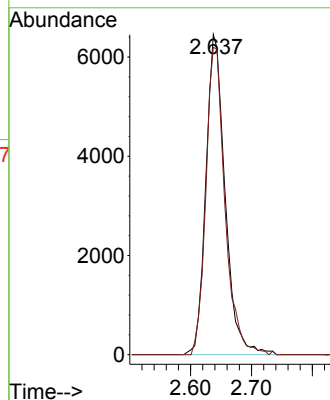
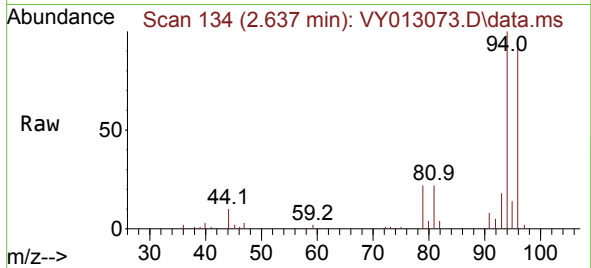
VY0324SBS01

Tgt Ion: 94 Resp: 14107

Ion Ratio Lower Upper

94 100

96 96.0 80.3 120.5



#6

Chloroethane

Concen: 20.376 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY013073.D

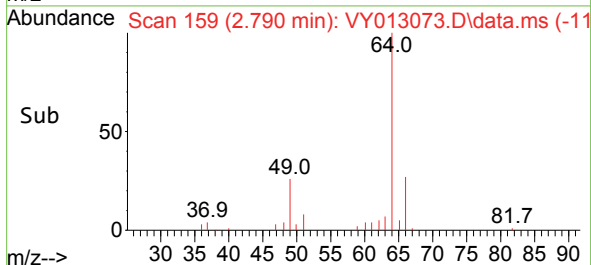
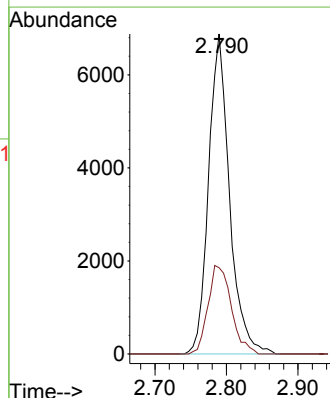
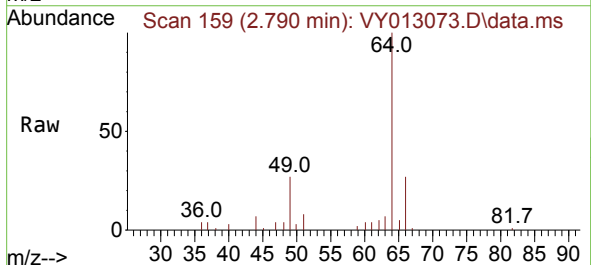
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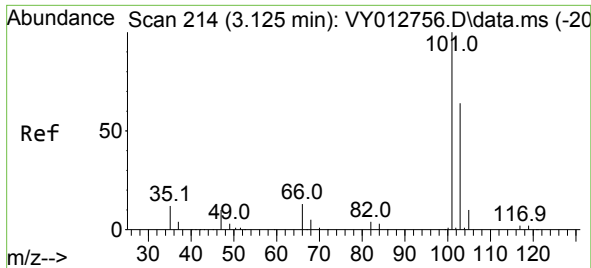
Tgt Ion: 64 Resp: 13962

Ion Ratio Lower Upper

64 100

66 27.0 25.7 38.5

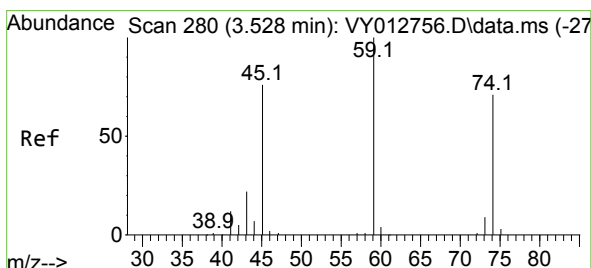
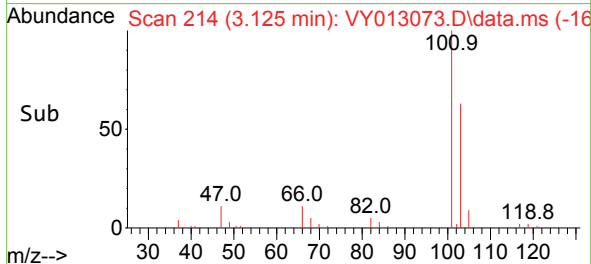
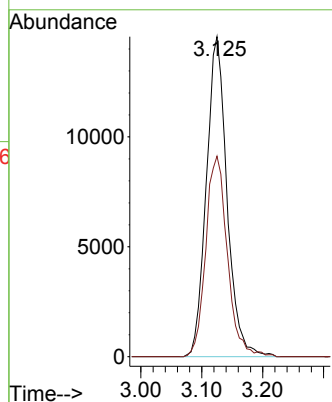
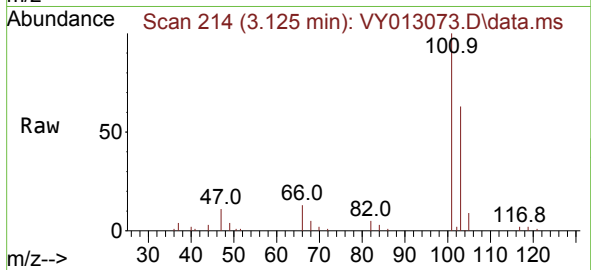




#7
 Trichlorofluoromethane
 Concen: 18.060 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013073.D
 Acq: 24 Mar 2023 12:58

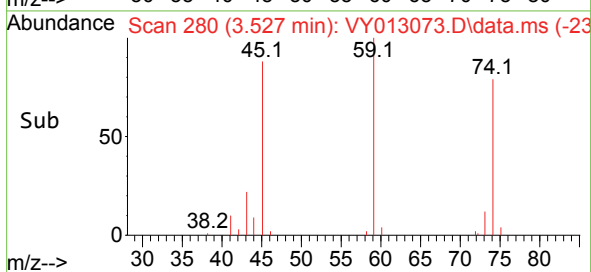
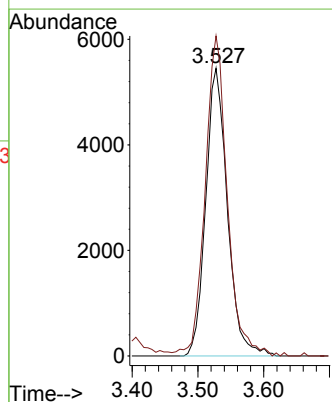
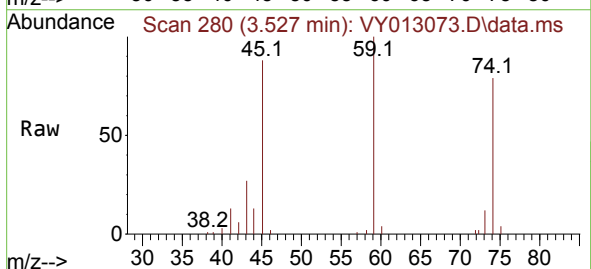
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

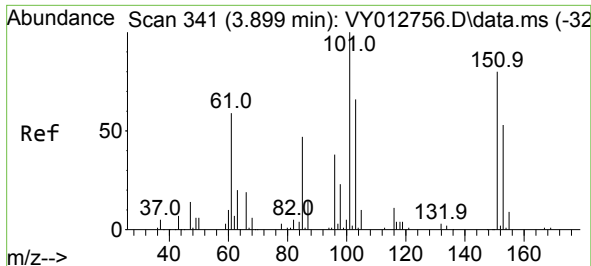
Tgt Ion:101 Resp: 34319
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.5 77.3



#8
 Diethyl Ether
 Concen: 18.780 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY013073.D
 Acq: 24 Mar 2023 12:58

Tgt Ion: 74 Resp: 12506
 Ion Ratio Lower Upper
 74 100
 45 113.8 52.1 156.4

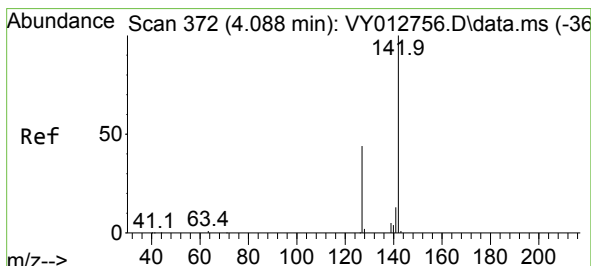
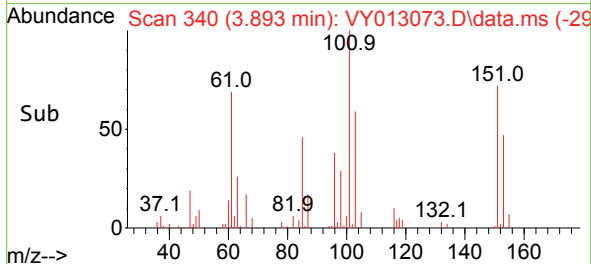
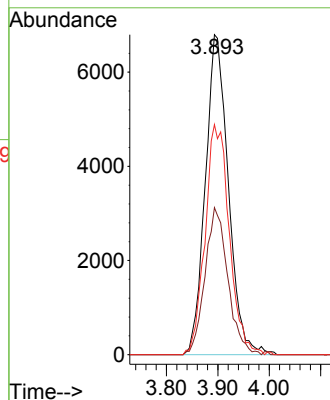
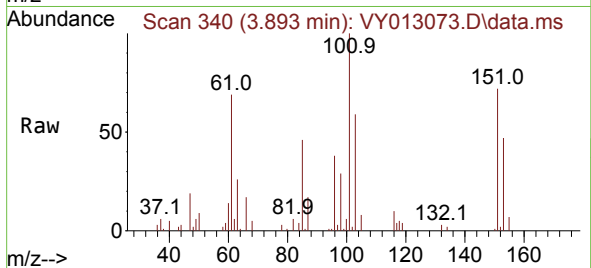




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.518 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013073.D
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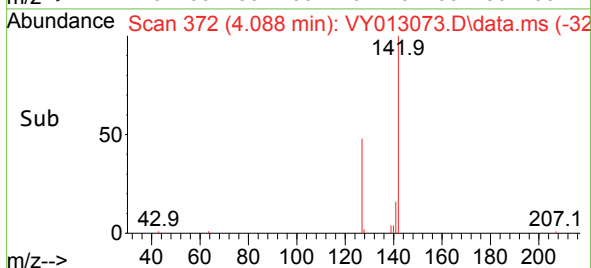
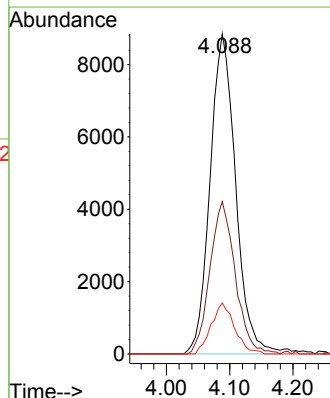
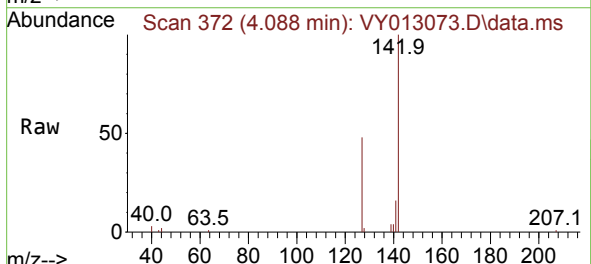
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

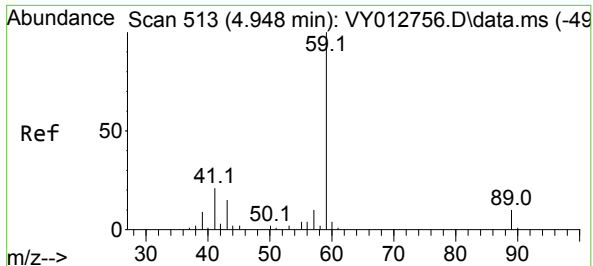
Tgt Ion:101 Resp: 21171
Ion Ratio Lower Upper
101 100
85 45.5 35.3 52.9
151 75.5 63.1 94.7



#10
Methyl Iodide
Concen: 16.633 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

Tgt Ion:142 Resp: 24778
Ion Ratio Lower Upper
142 100
127 47.2 35.4 53.2
141 14.7 11.3 16.9





#11

Tert butyl alcohol

Concen: 132.391 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

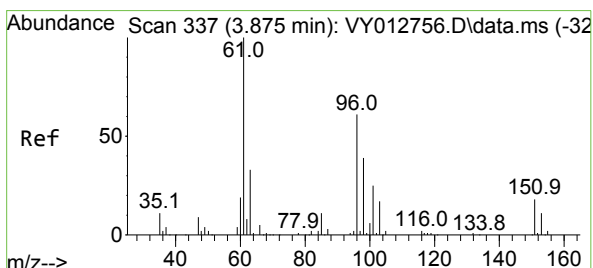
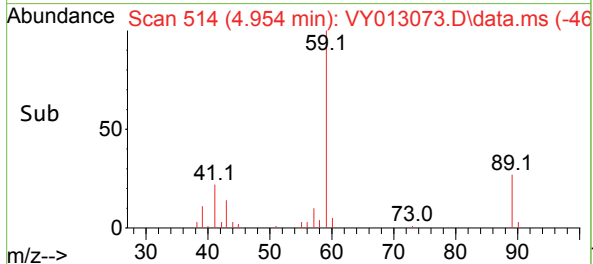
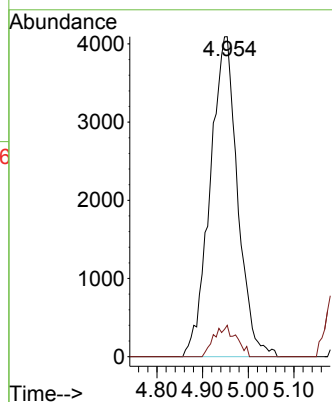
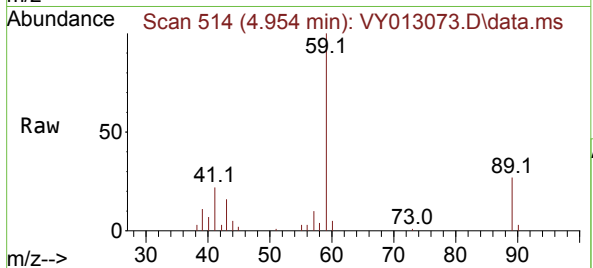
VY0324SBS01

Tgt Ion: 59 Resp: 17153

Ion Ratio Lower Upper

59 100

57 7.8 7.7 11.5



#12

1,1-Dichloroethene

Concen: 16.861 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

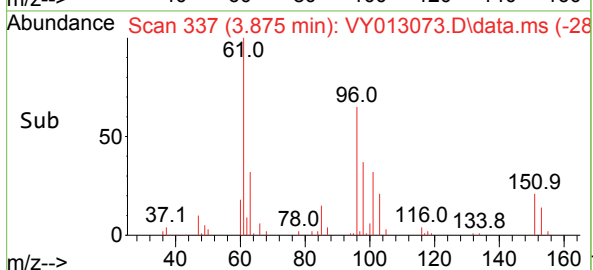
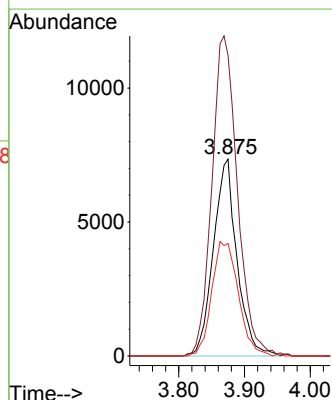
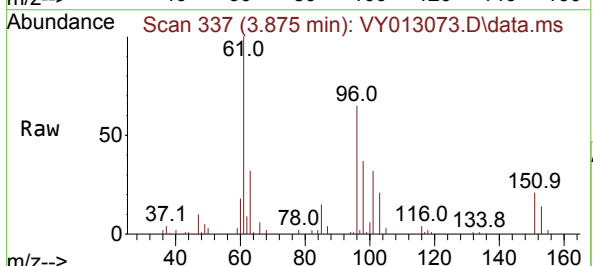
Tgt Ion: 96 Resp: 18385

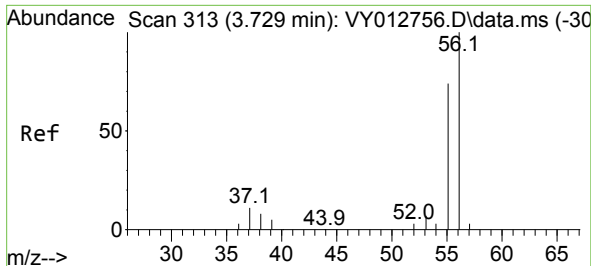
Ion Ratio Lower Upper

96 100

61 152.7 131.7 197.5

98 57.2 52.0 78.0





#13

Acrolein

Concen: 54.813 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

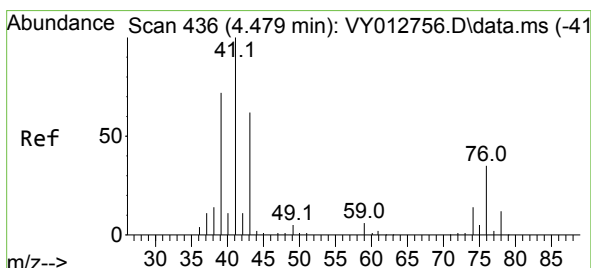
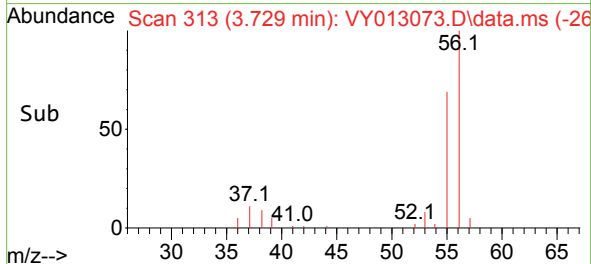
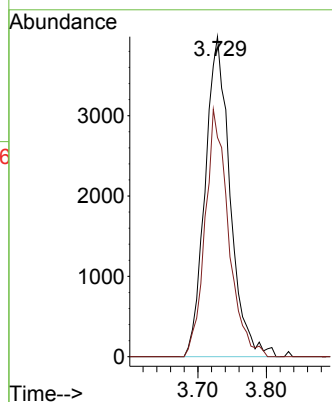
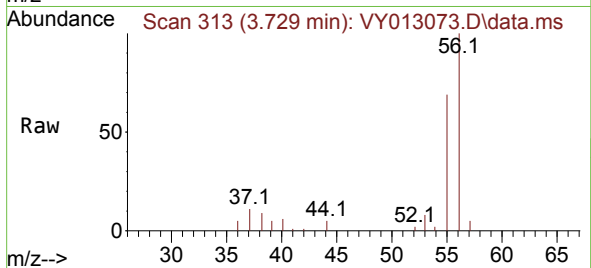
VY0324SBS01

Tgt Ion: 56 Resp: 10096

Ion Ratio Lower Upper

56 100

55 72.4 56.8 85.2



#14

Allyl chloride

Concen: 20.215 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.001 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

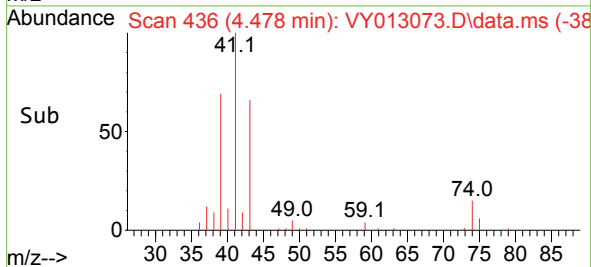
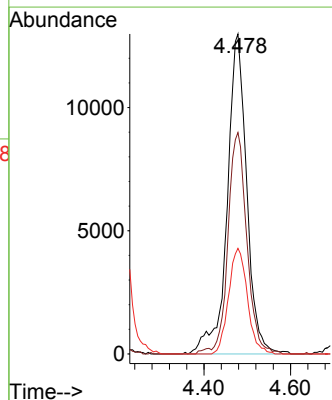
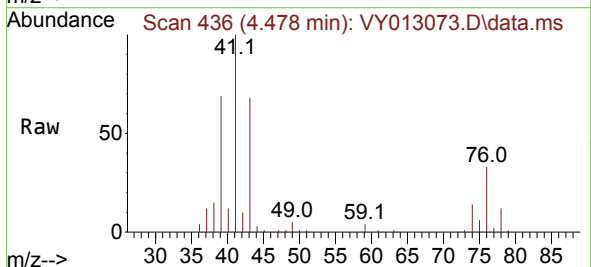
Tgt Ion: 41 Resp: 40716

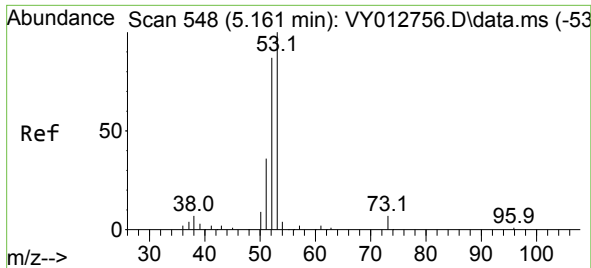
Ion Ratio Lower Upper

41 100

39 67.1 53.6 80.4

76 31.9 27.2 40.8





#15

Acrylonitrile

Concen: 102.698 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

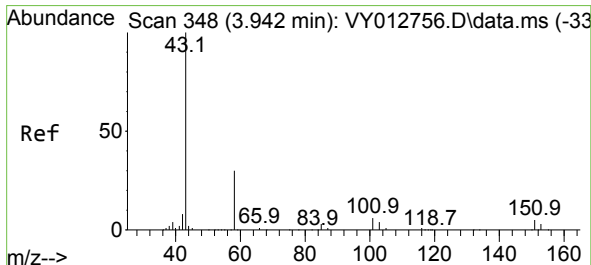
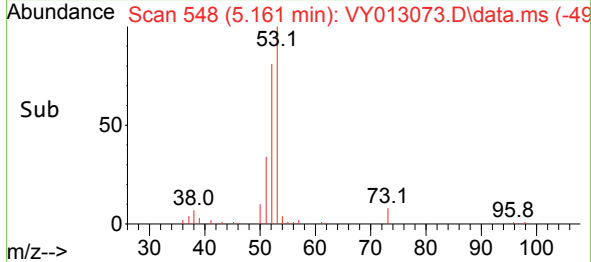
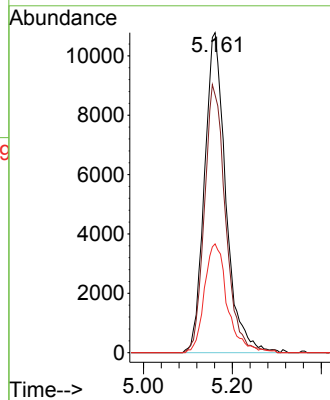
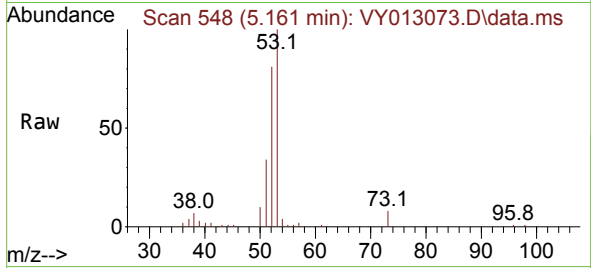
Tgt Ion: 53 Resp: 36034

Ion Ratio Lower Upper

53 100

52 82.8 66.3 99.5

51 36.7 28.8 43.2



#16

Acetone

Concen: 104.074 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY013073.D

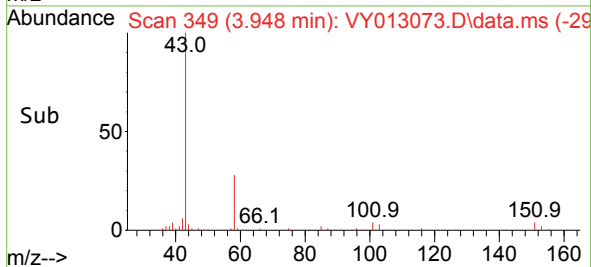
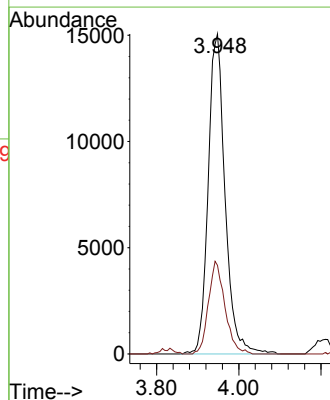
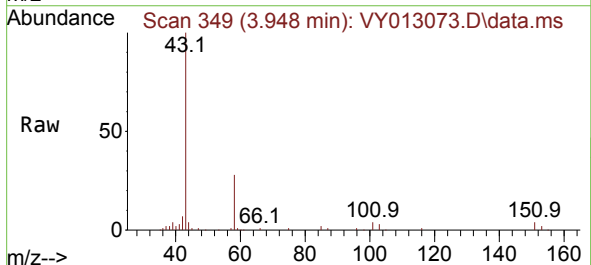
Acq: 24 Mar 2023 12:58

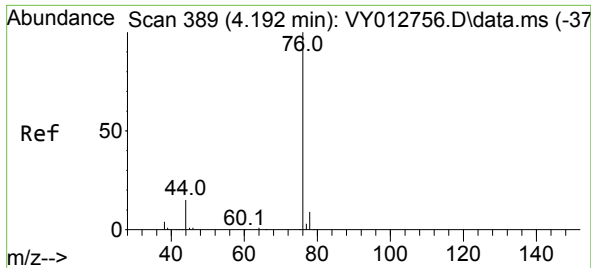
Tgt Ion: 43 Resp: 42946

Ion Ratio Lower Upper

43 100

58 27.7 24.2 36.2

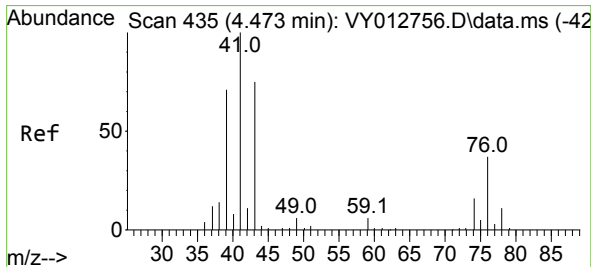
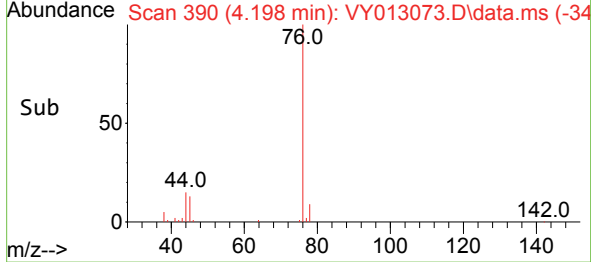
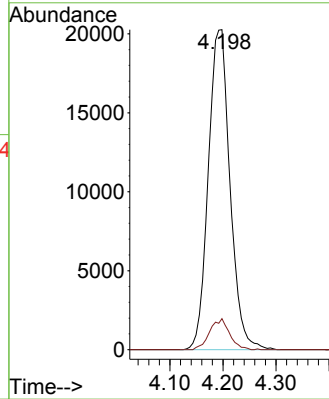
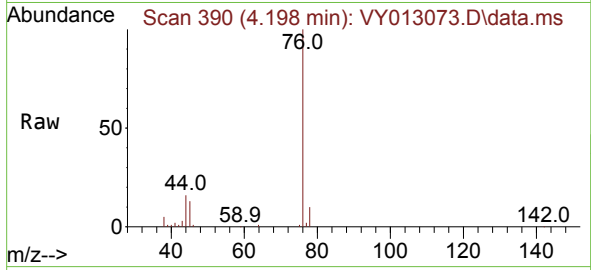




#17
Carbon Disulfide
Concen: 15.536 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

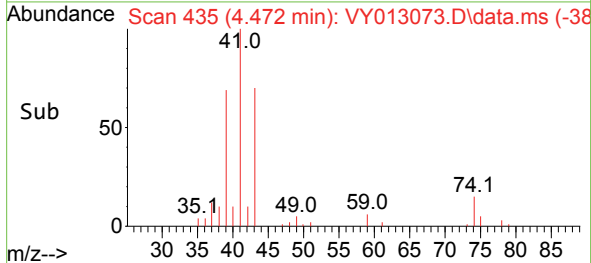
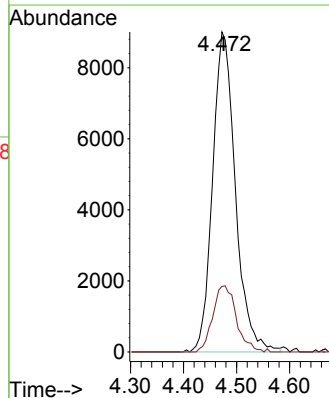
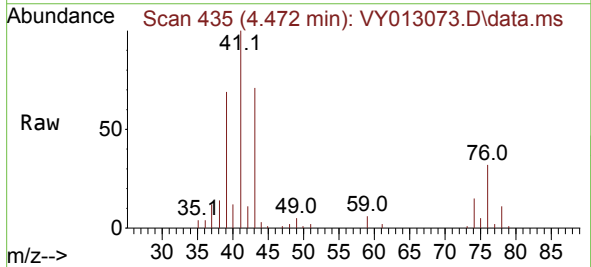
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

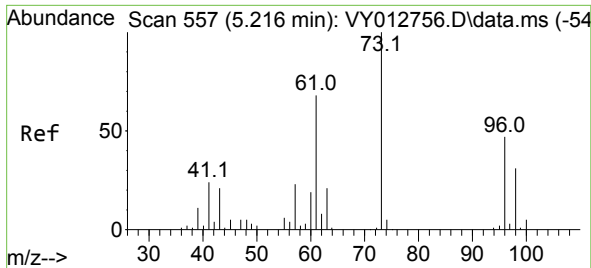
Tgt Ion: 76 Resp: 57662
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7



#18
Methyl Acetate
Concen: 21.857 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

Tgt Ion: 43 Resp: 26859
Ion Ratio Lower Upper
43 100
74 21.3 17.4 26.0

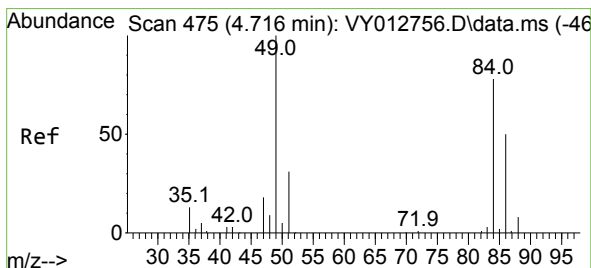
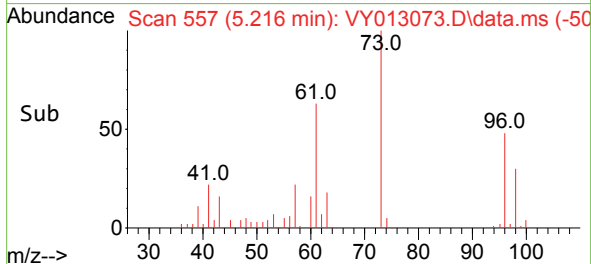
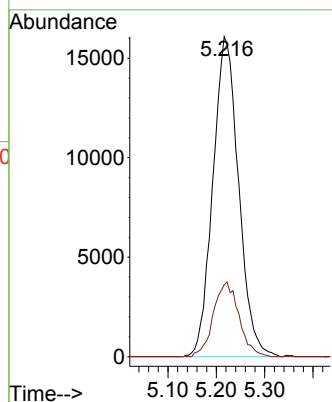
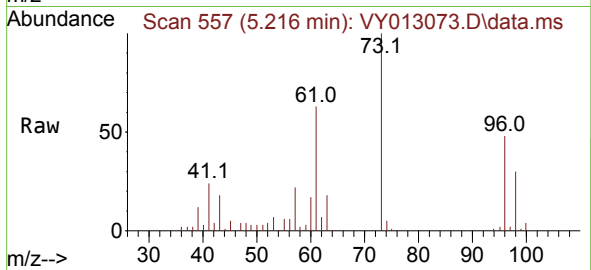




#19
Methyl tert-butyl Ether
Concen: 21.070 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

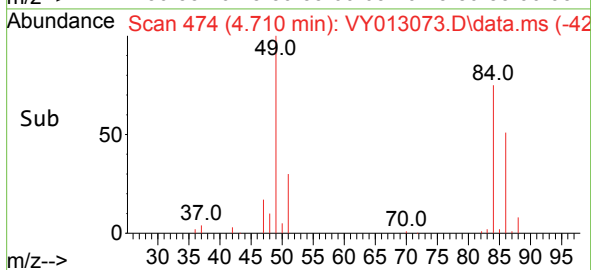
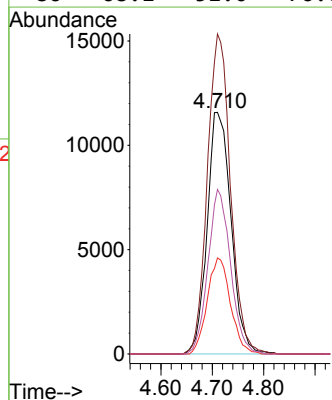
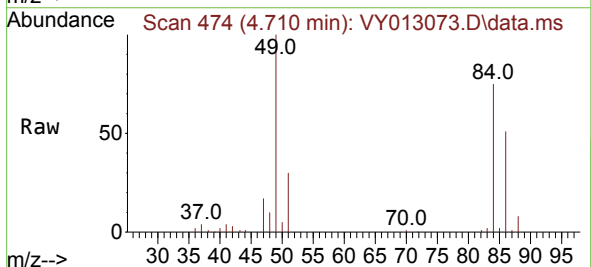
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

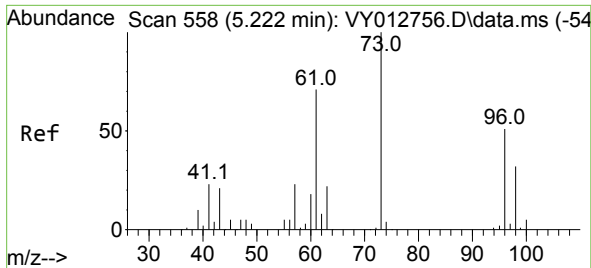
Tgt Ion: 73 Resp: 59341
Ion Ratio Lower Upper
73 100
57 22.5 18.3 27.5



#20
Methylene Chloride
Concen: 27.249 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

Tgt Ion: 84 Resp: 37391
Ion Ratio Lower Upper
84 100
49 132.5 102.6 154.0
51 39.8 31.9 47.9
86 68.1 51.0 76.6

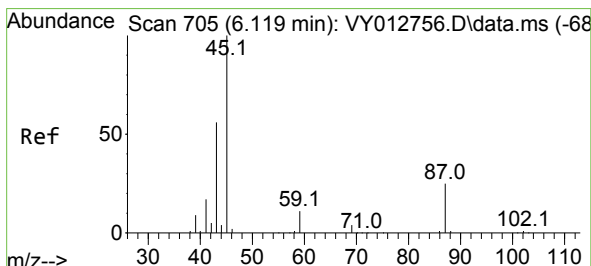
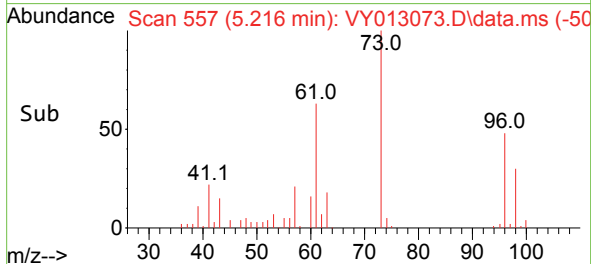
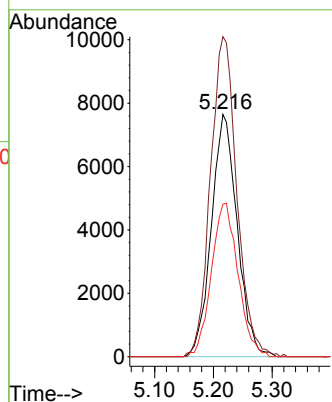
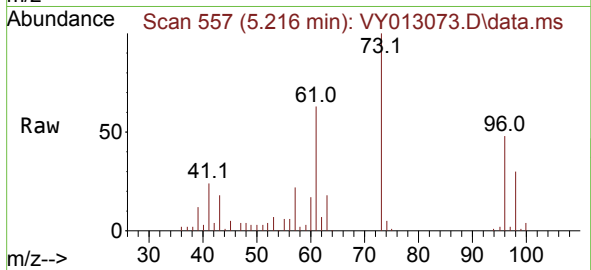




#21
trans-1,2-Dichloroethene
Concen: 19.708 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

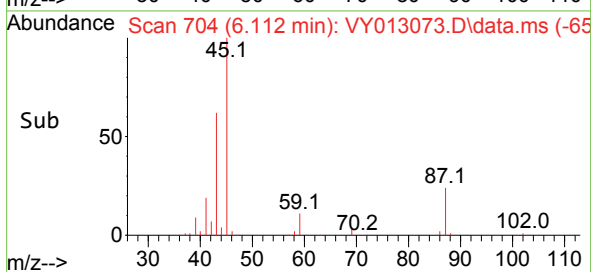
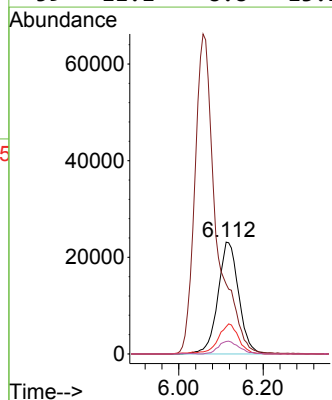
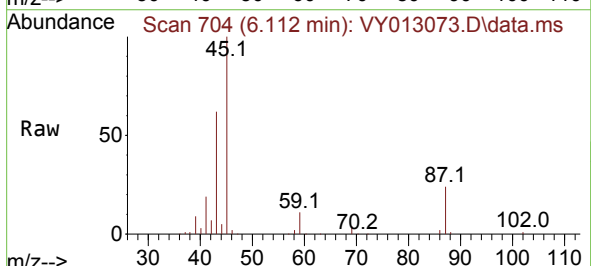
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

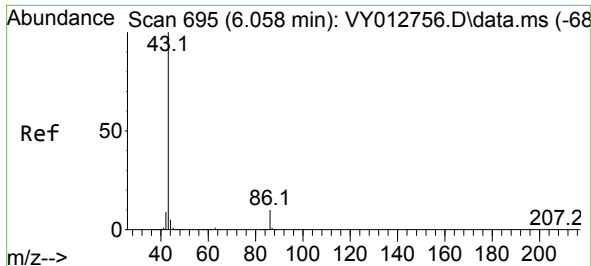
Tgt Ion: 96 Resp: 23352
Ion Ratio Lower Upper
96 100
61 132.1 111.4 167.0
98 62.9 50.8 76.2



#22
Diisopropyl ether
Concen: 21.546 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

Tgt Ion: 45 Resp: 78822
Ion Ratio Lower Upper
45 100
43 61.8 45.0 67.6
87 24.3 20.3 30.5
59 11.1 8.8 13.2

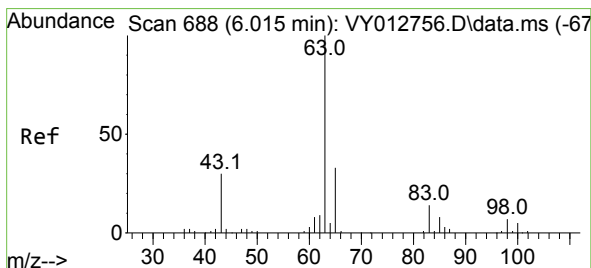
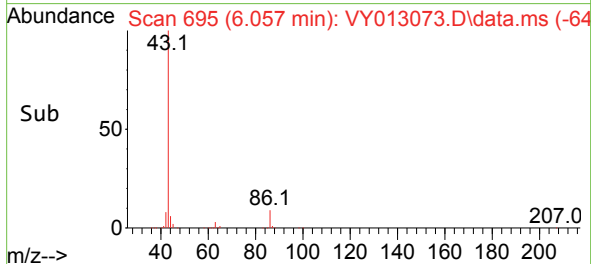
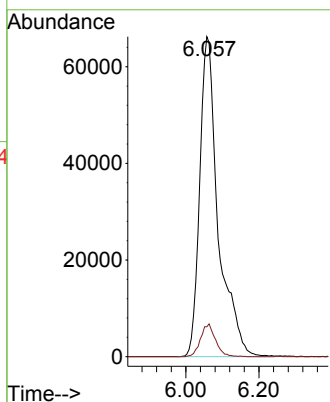
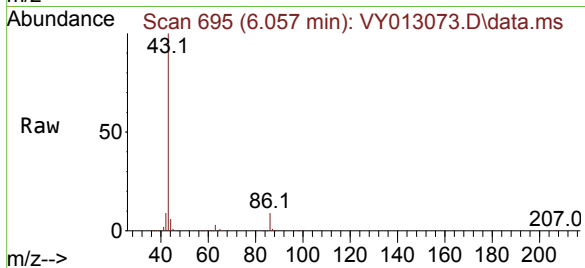




#23
 Vinyl Acetate
 Concen: 102.433 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY013073.D
 Acq: 24 Mar 2023 12:58

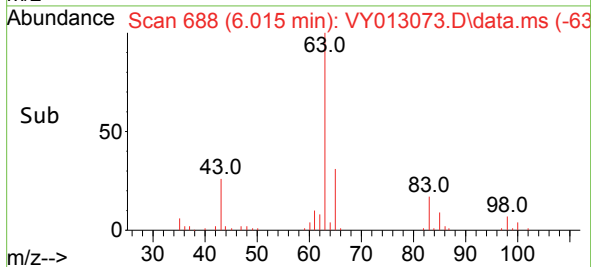
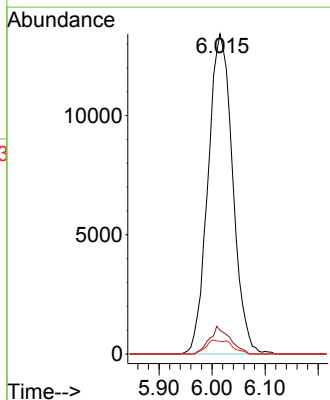
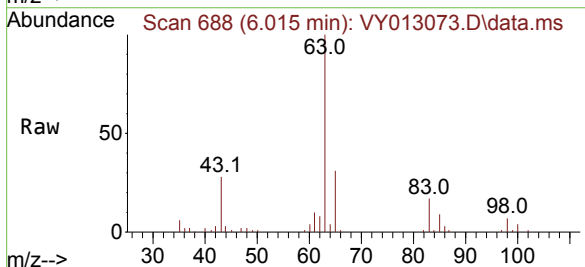
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

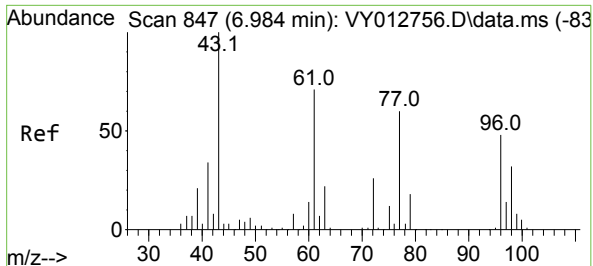
Tgt Ion: 43 Resp: 232836
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.814 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013073.D
 Acq: 24 Mar 2023 12:58

Tgt Ion: 63 Resp: 43389
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.7 11.1
 100 4.0 2.3 6.8





#25

2-Butanone

Concen: 105.897 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

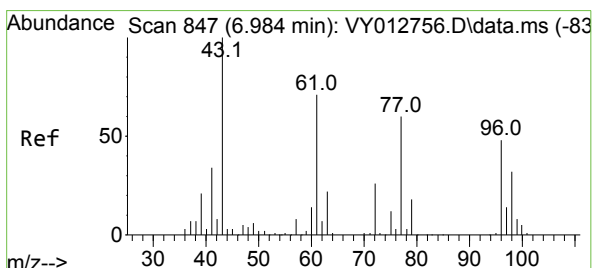
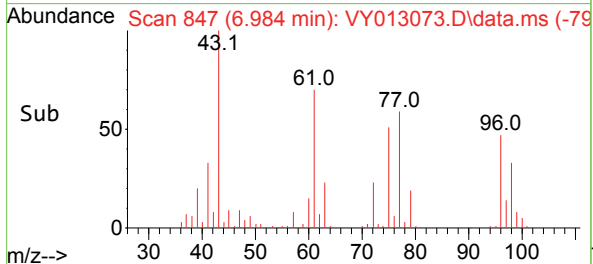
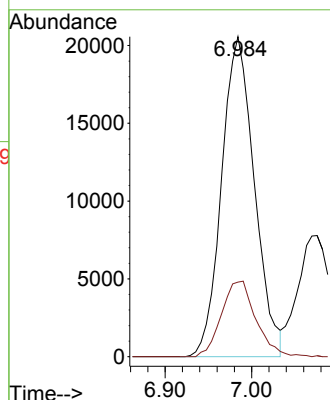
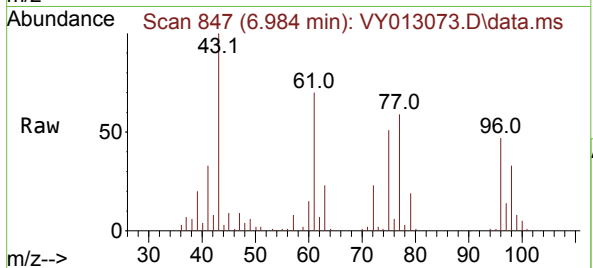
VY0324SBS01

Tgt Ion: 43 Resp: 54124

Ion Ratio Lower Upper

43 100

72 23.3 21.0 31.4



#26

2,2-Dichloropropane

Concen: 20.735 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013073.D

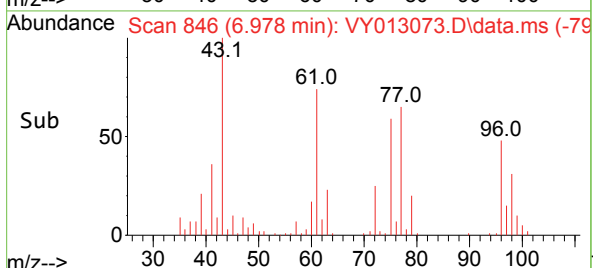
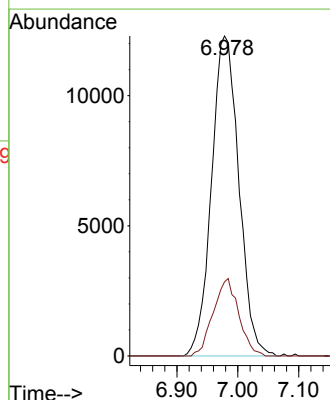
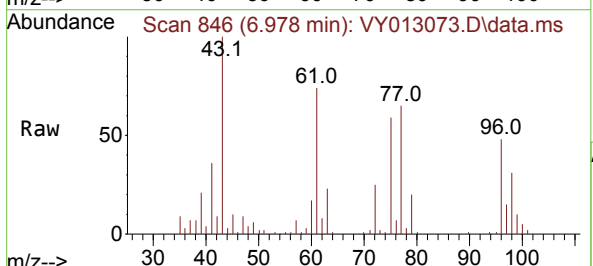
Acq: 24 Mar 2023 12:58

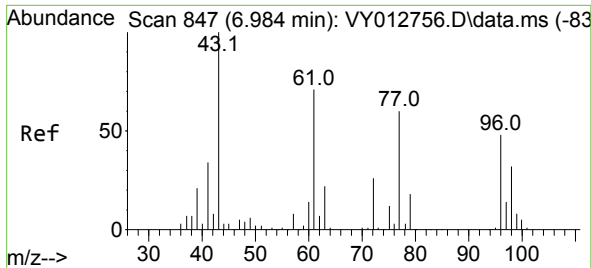
Tgt Ion: 77 Resp: 38390

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.0



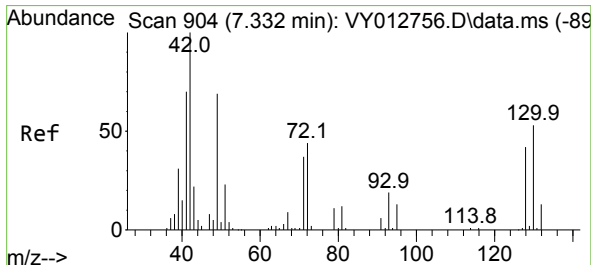
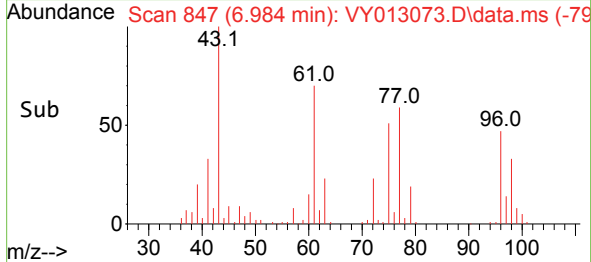
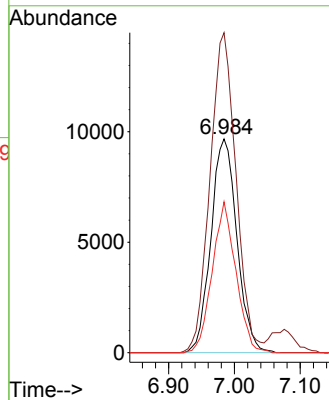
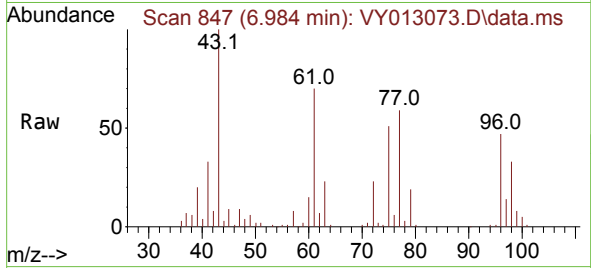


#27
 cis-1,2-Dichloroethene
 Concen: 20.978 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013073.D
 Acq: 24 Mar 2023 12:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tgt Ion: 96 Resp: 26650

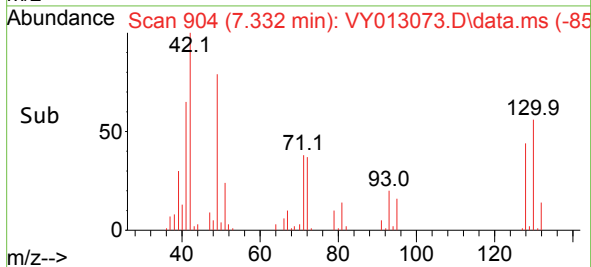
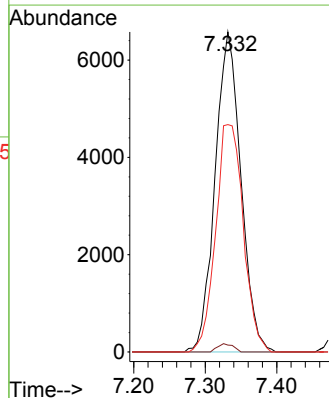
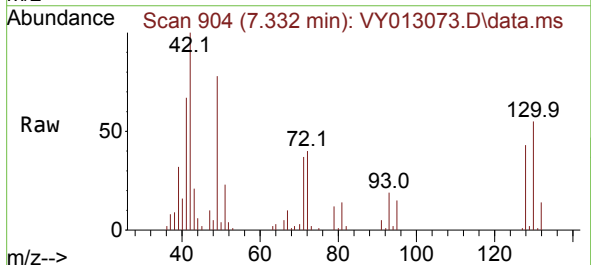
Ion	Ratio	Lower	Upper
96	100		
61	150.1	0.0	295.8
98	64.2	0.0	130.2

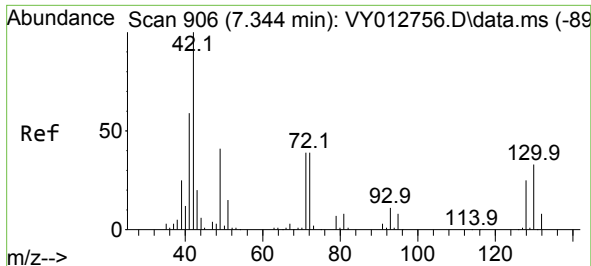


#28
 Bromochloromethane
 Concen: 21.664 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013073.D
 Acq: 24 Mar 2023 12:58

Tgt Ion: 49 Resp: 16504

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.2
130	76.1	60.5	90.7





#29

Tetrahydrofuran

Concen: 103.392 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

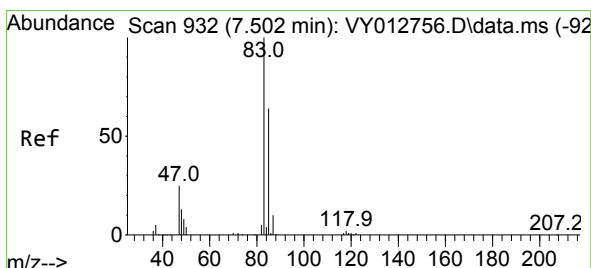
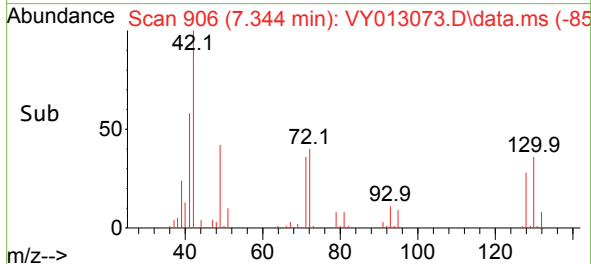
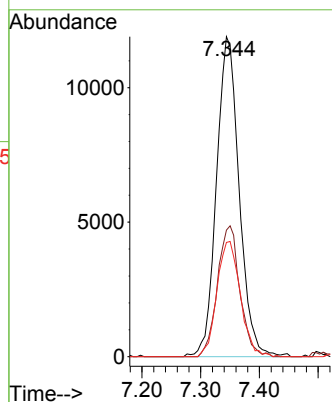
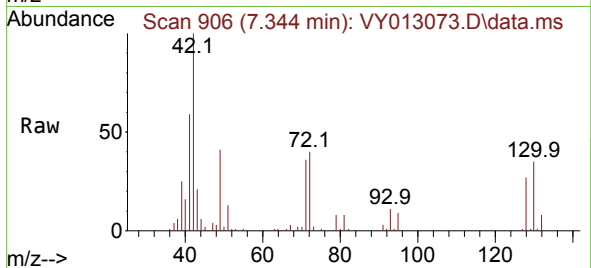
Tgt Ion: 42 Resp: 31871

Ion Ratio Lower Upper

42 100

72 40.4 32.3 48.5

71 37.3 30.3 45.5



#30

Chloroform

Concen: 21.772 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013073.D

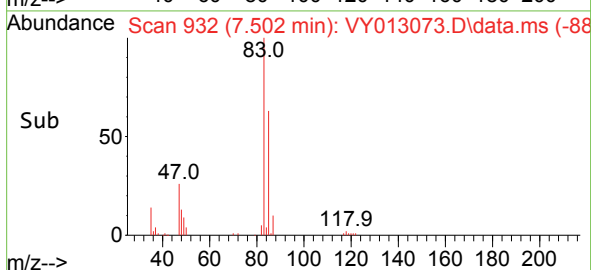
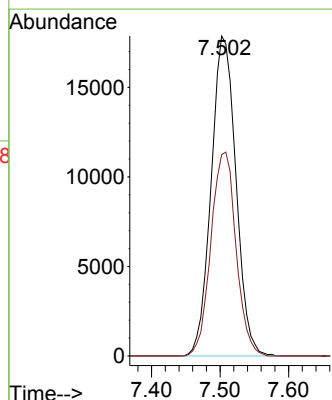
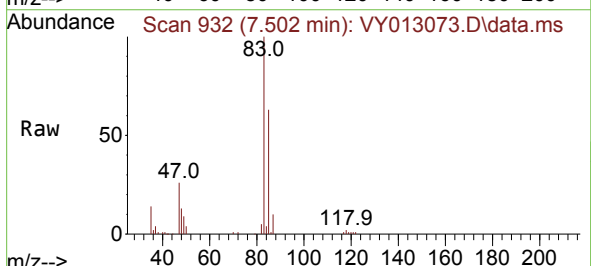
Acq: 24 Mar 2023 12:58

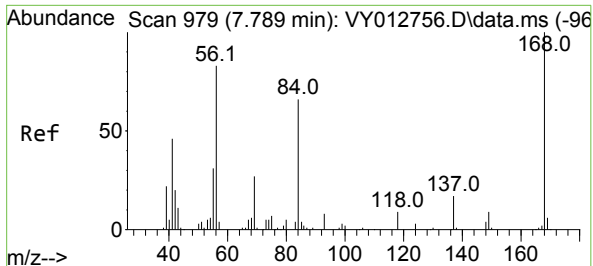
Tgt Ion: 83 Resp: 44830

Ion Ratio Lower Upper

83 100

85 62.9 51.4 77.0





#31

Cyclohexane

Concen: 17.582 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

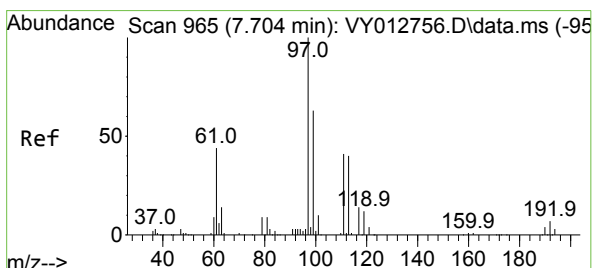
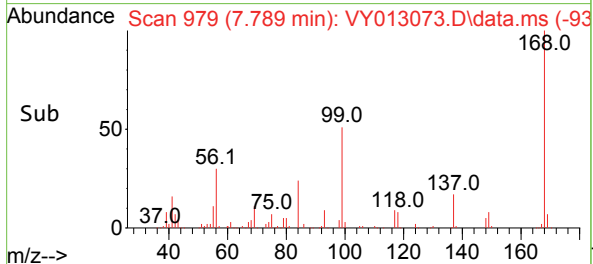
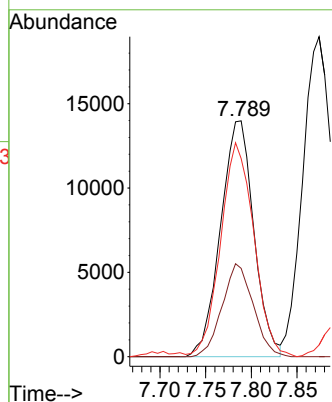
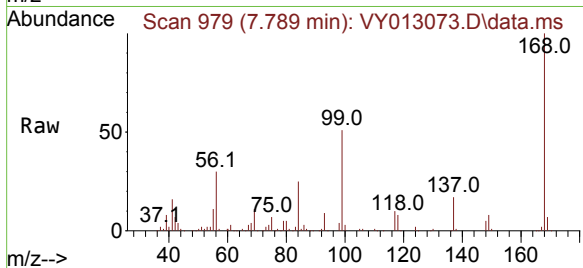
Tgt Ion: 56 Resp: 35400

Ion Ratio Lower Upper

56 100

69 37.4 25.7 38.5

84 82.2 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 20.605 ug/l

RT: 7.697 min Scan# 964

Delta R.T. -0.007 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

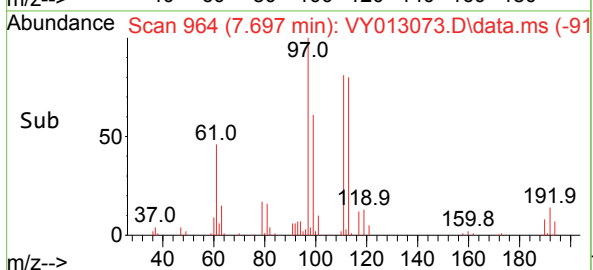
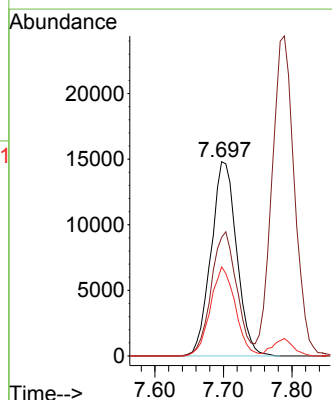
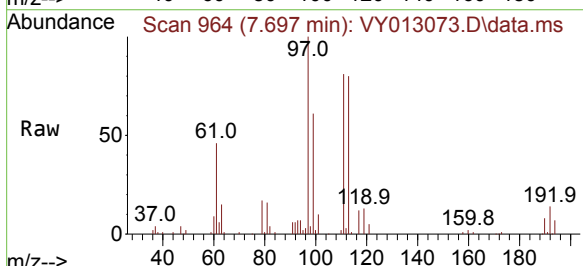
Tgt Ion: 97 Resp: 38369

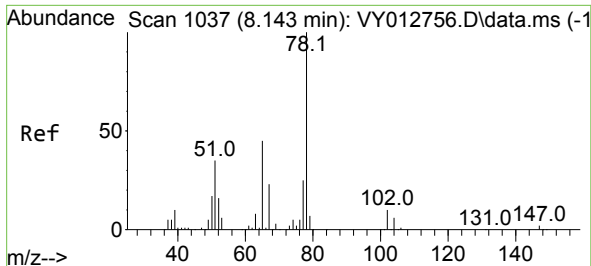
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.6

61 44.6 34.5 51.7

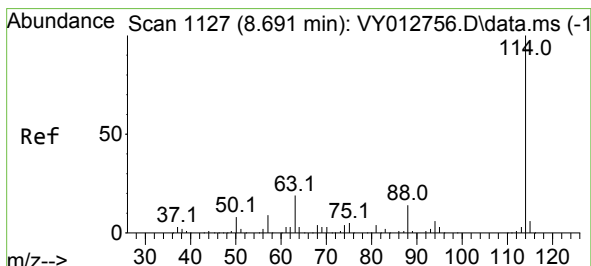
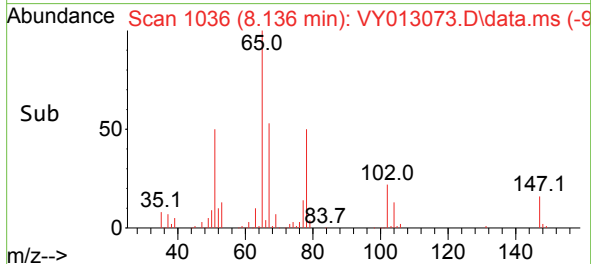
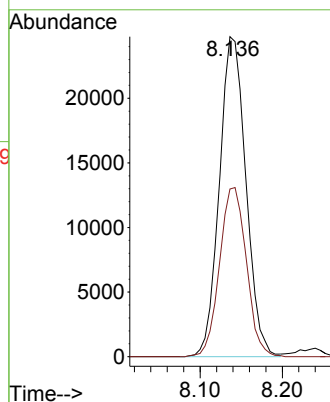
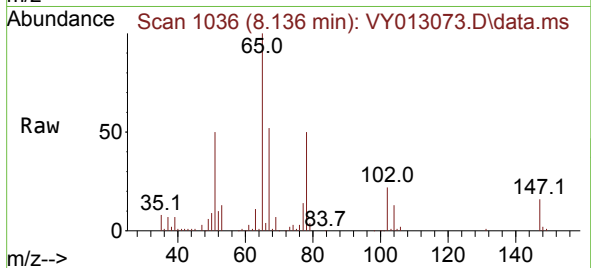




#33
 1,2-Dichloroethane-d4
 Concen: 52.845 ug/l
 RT: 8.136 min Scan# 1103
 Delta R.T. -0.007 min
 Lab File: VY013073.D
 Acq: 24 Mar 2023 12:58

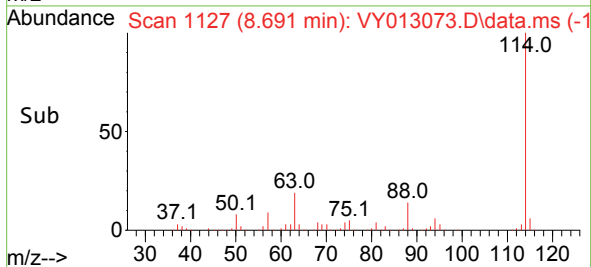
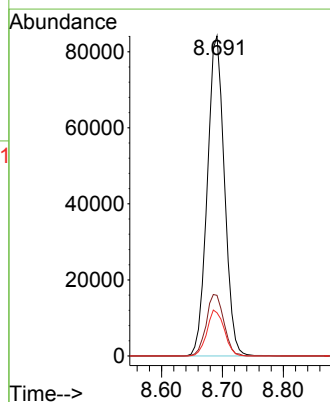
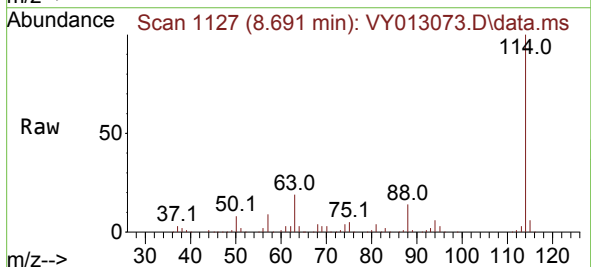
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBSD01

Tgt Ion: 65 Resp: 55556
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY013073.D
 Acq: 24 Mar 2023 12:58

Tgt Ion:114 Resp: 164263
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.4
 88 13.5 0.0 28.6

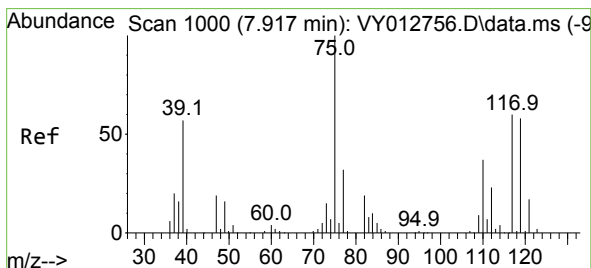
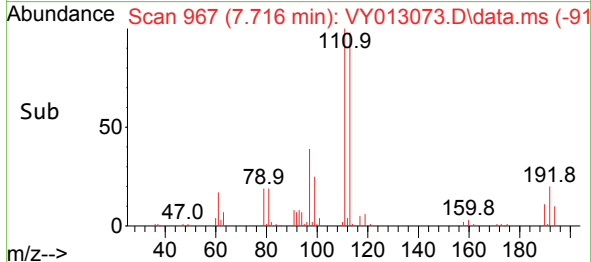
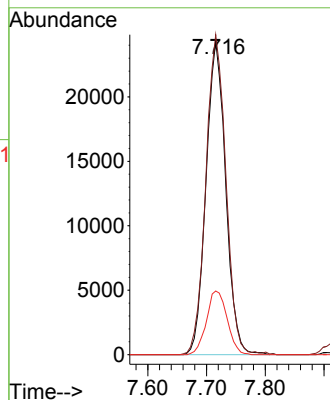
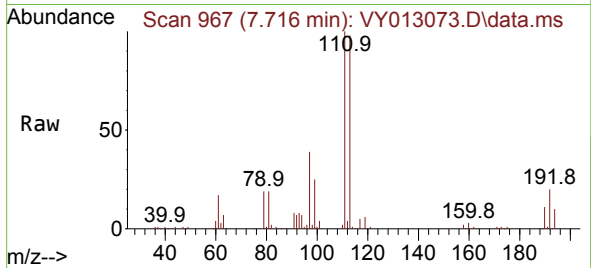




#35
Dibromofluoromethane
Concen: 57.073 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

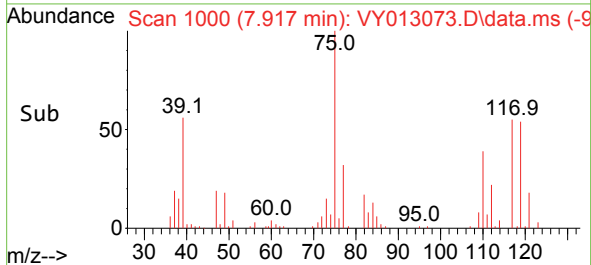
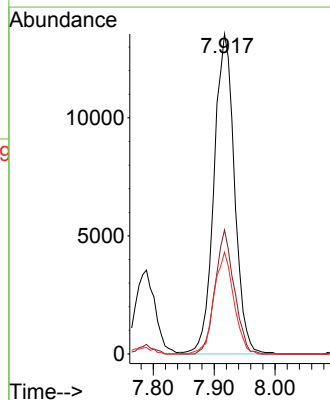
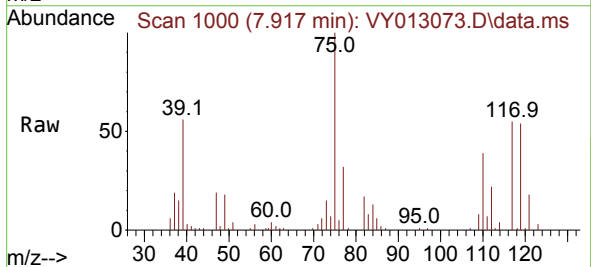
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

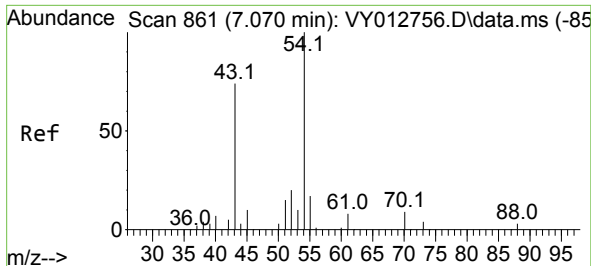
Tgt Ion:113 Resp: 56578
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 21.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.053 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

Tgt Ion: 75 Resp: 31652
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.3
77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 20.683 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

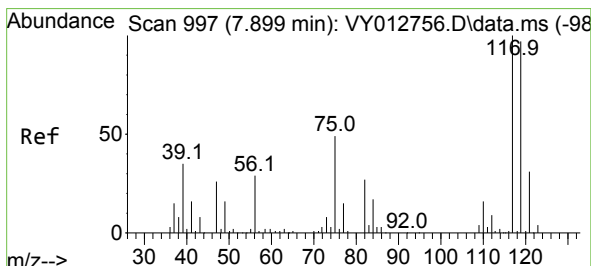
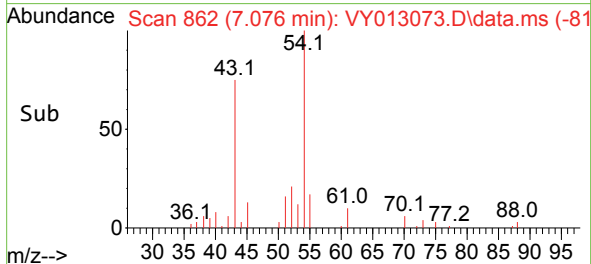
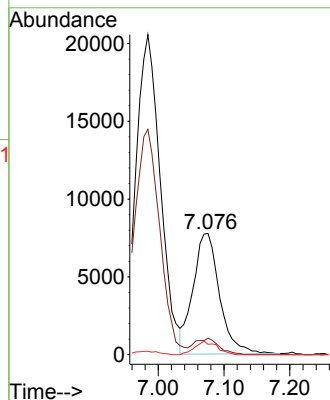
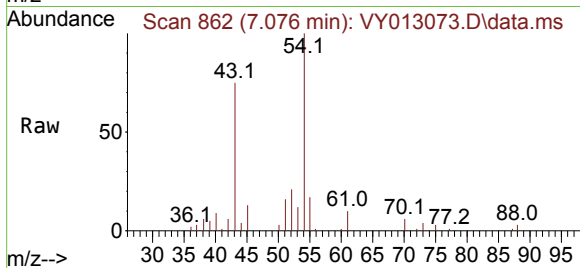
Tgt Ion: 43 Resp: 21656

Ion Ratio Lower Upper

43 100

61 12.4 10.7 16.1

70 9.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.270 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

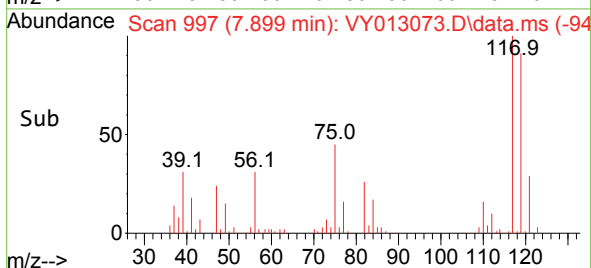
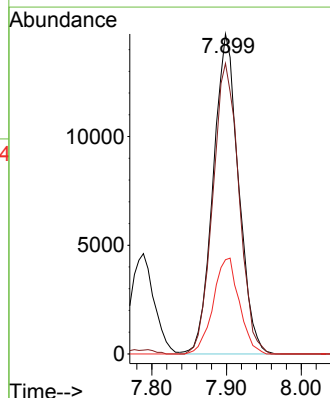
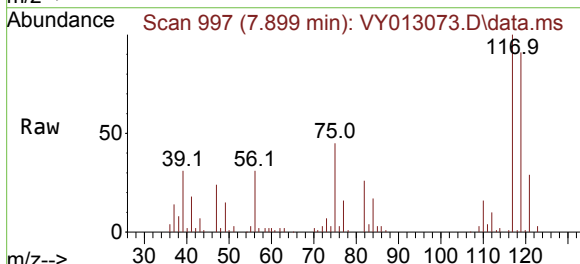
Tgt Ion: 117 Resp: 34773

Ion Ratio Lower Upper

117 100

119 90.8 77.2 115.8

121 29.4 24.7 37.1





#39

Methylcyclohexane

Concen: 17.862 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBSD01

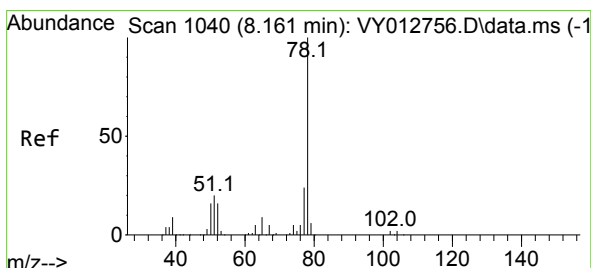
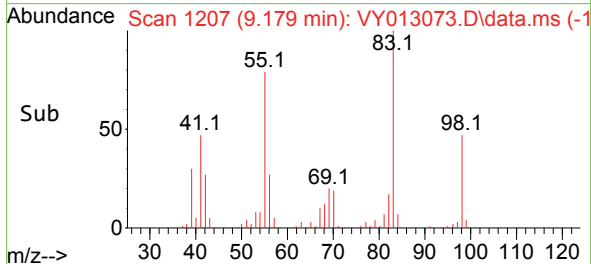
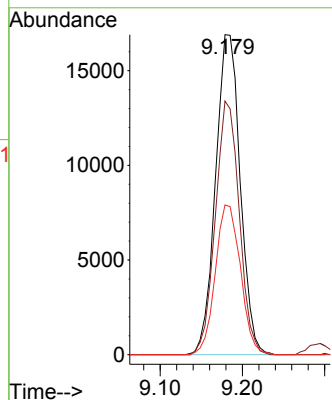
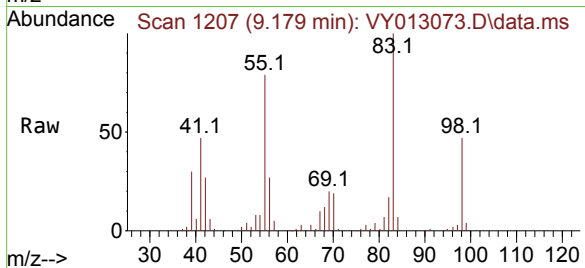
Tgt Ion: 83 Resp: 35278

Ion Ratio Lower Upper

83 100

55 79.2 60.0 90.0

98 46.8 38.3 57.5



#40

Benzene

Concen: 20.619 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013073.D

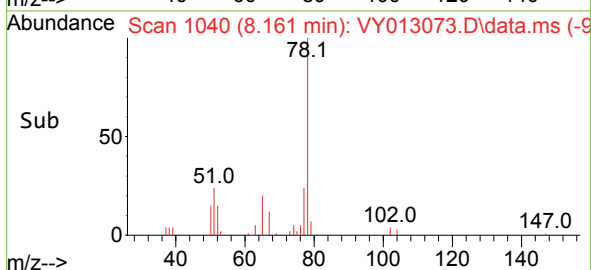
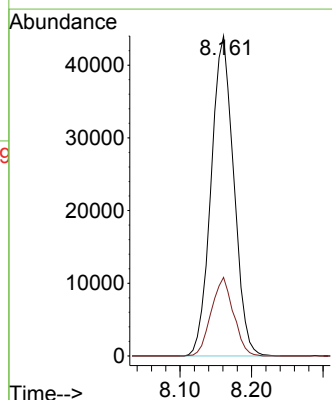
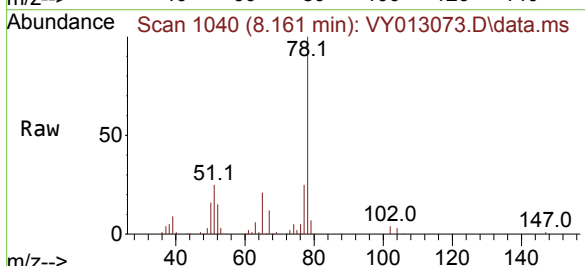
Acq: 24 Mar 2023 12:58

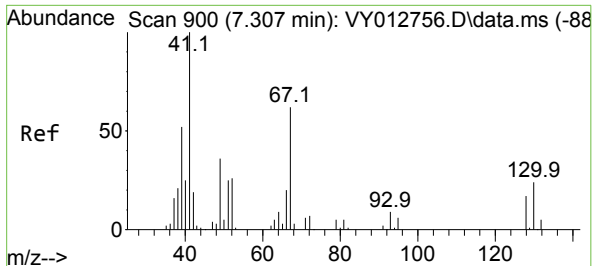
Tgt Ion: 78 Resp: 96892

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.0

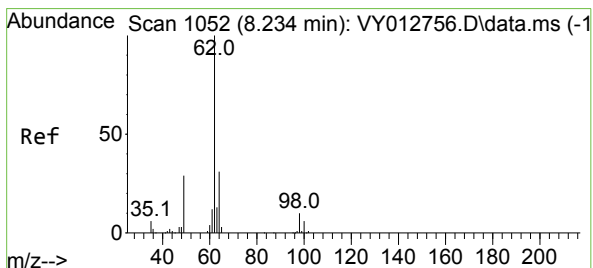
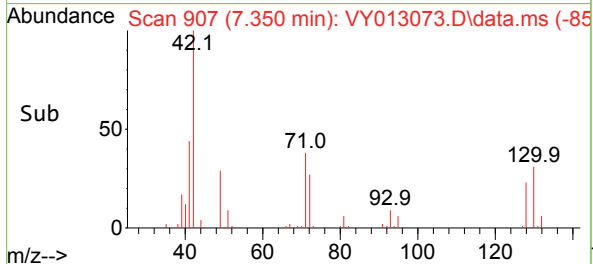
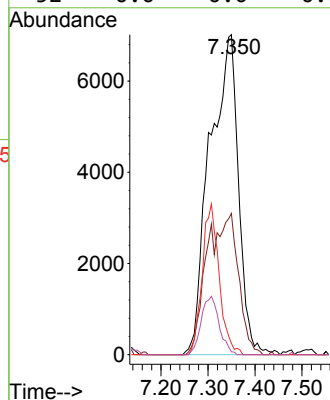
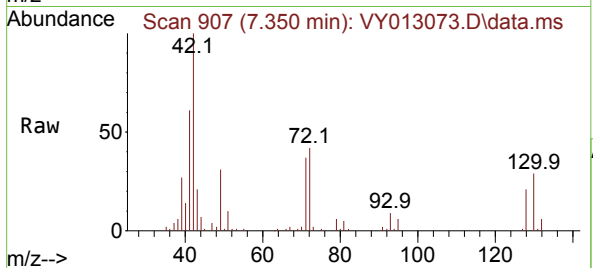




#41
Methacrylonitrile
Concen: 52.570 ug/l
RT: 7.350 min Scan# 900
Delta R.T. 0.043 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

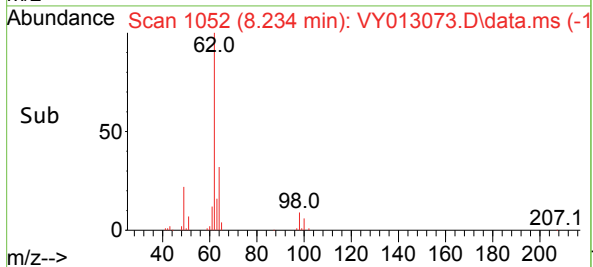
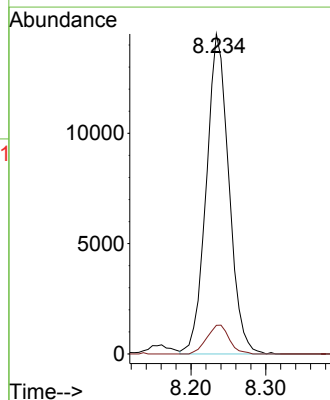
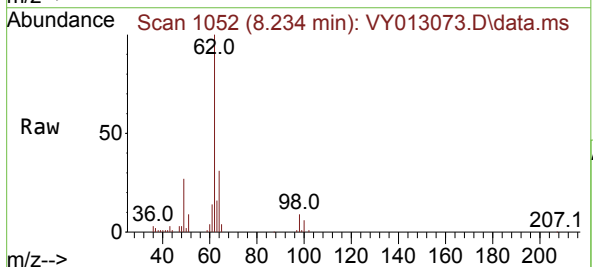
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

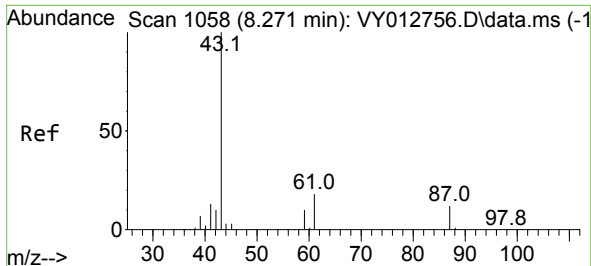
Tgt Ion:	41	Resp:	29656
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.565 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

Tgt Ion:	62	Resp:	30467
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.8

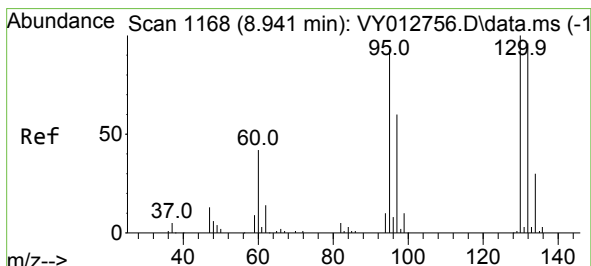
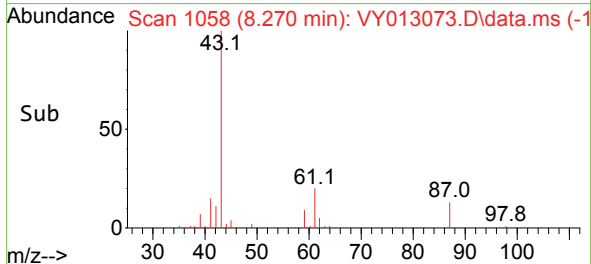
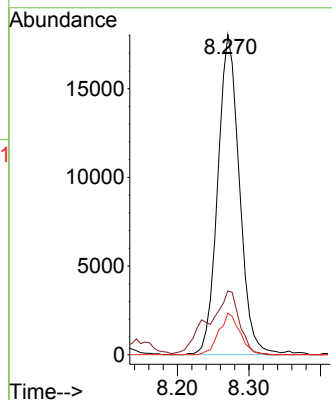
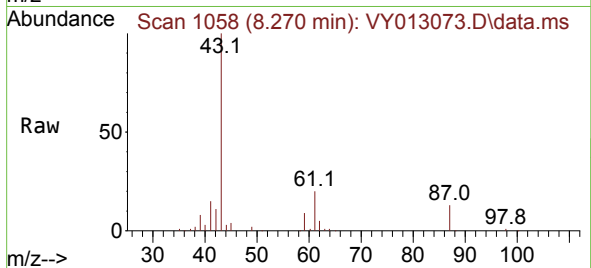




#43
Isopropyl Acetate
Concen: 20.271 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

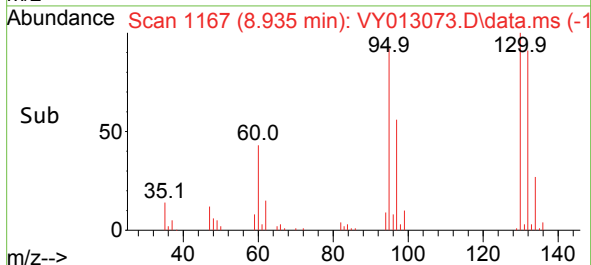
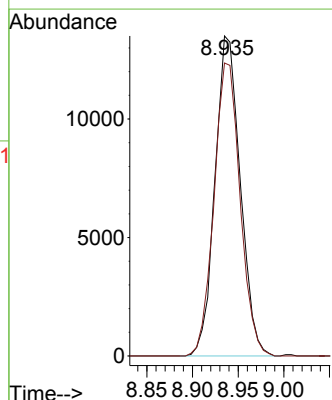
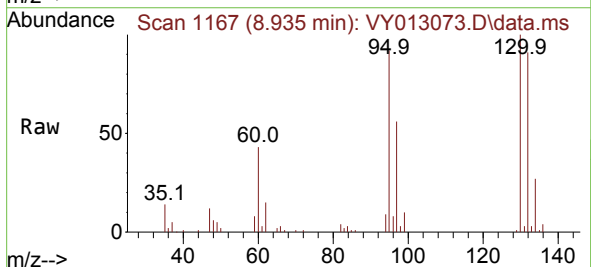
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBSD01

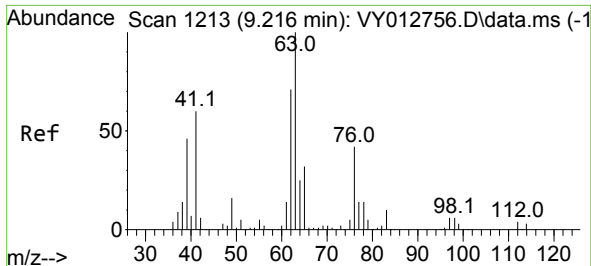
Tgt Ion: 43 Resp: 37867
Ion Ratio Lower Upper
43 100
61 28.6 21.6 32.4
87 12.6 9.9 14.9



#44
Trichloroethene
Concen: 21.027 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

Tgt Ion:130 Resp: 26051
Ion Ratio Lower Upper
130 100
95 91.5 0.0 185.0





#45

1,2-Dichloropropane

Concen: 21.473 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

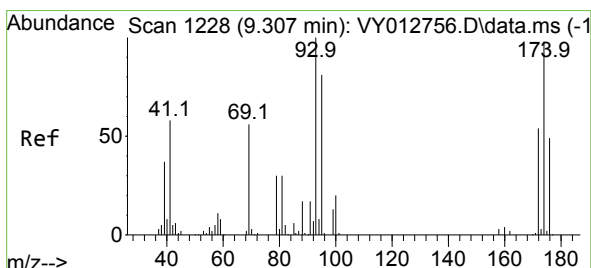
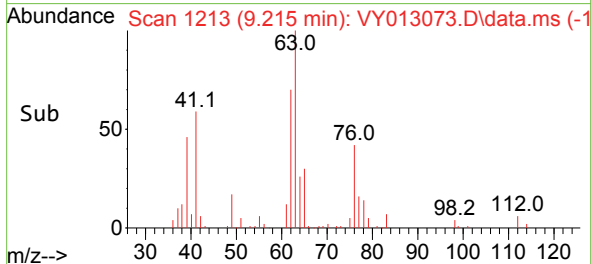
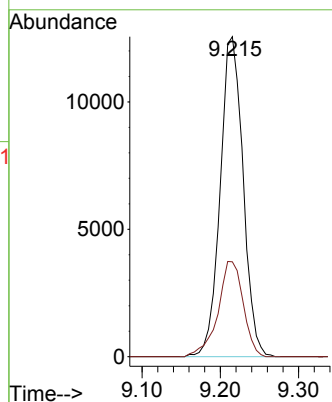
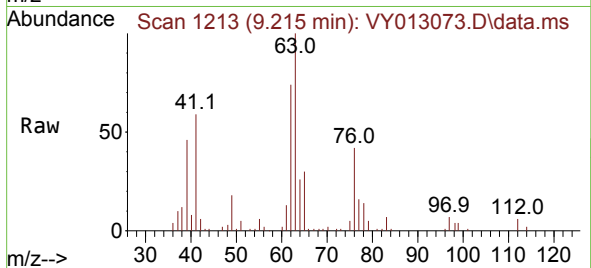
VY0324SBS01

Tgt Ion: 63 Resp: 25502

Ion Ratio Lower Upper

63 100

65 29.6 25.7 38.5



#46

Dibromomethane

Concen: 21.217 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

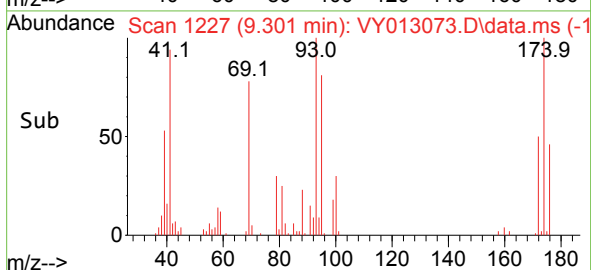
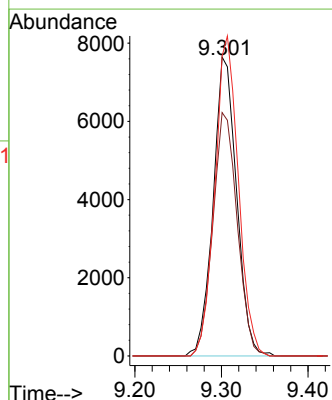
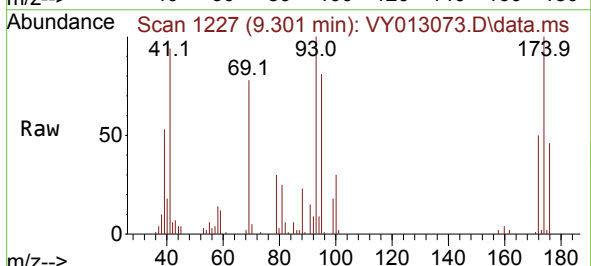
Tgt Ion: 93 Resp: 14355

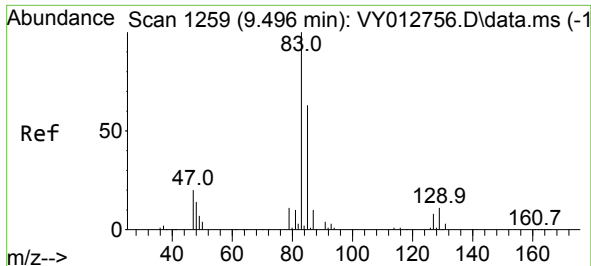
Ion Ratio Lower Upper

93 100

95 84.5 65.6 98.4

174 107.1 81.3 121.9

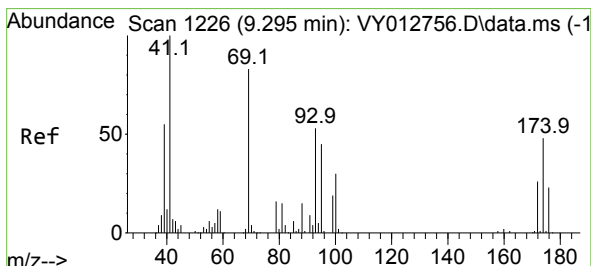
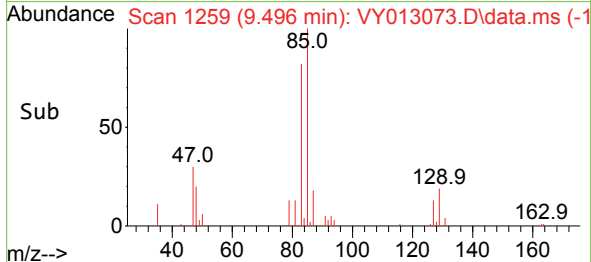
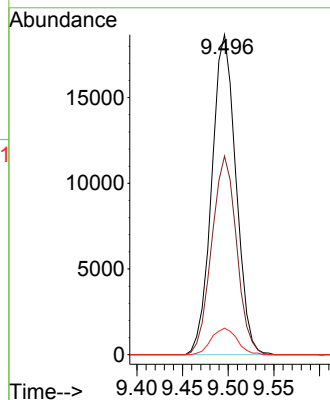
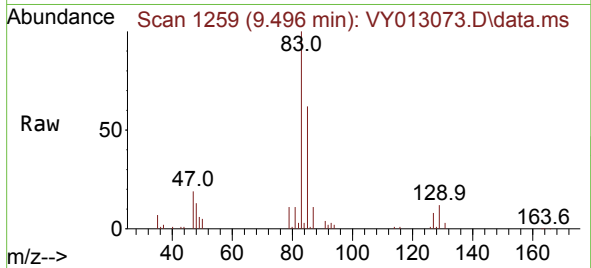




#47
Bromodichloromethane
Concen: 21.519 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

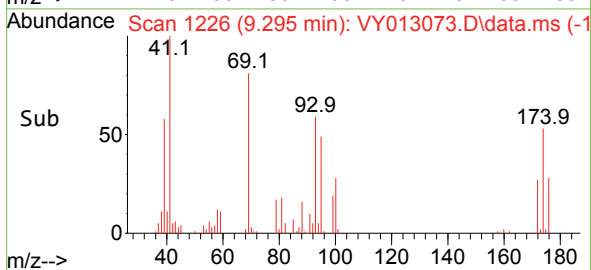
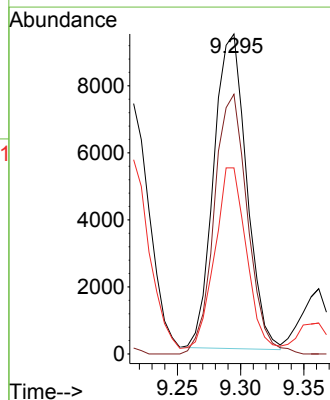
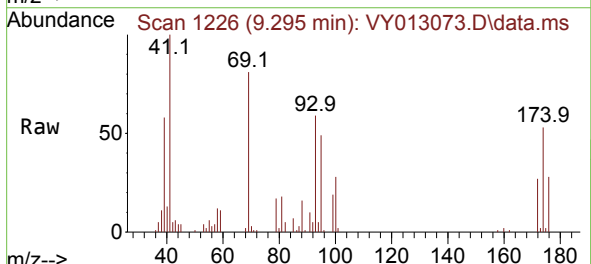
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBSD01

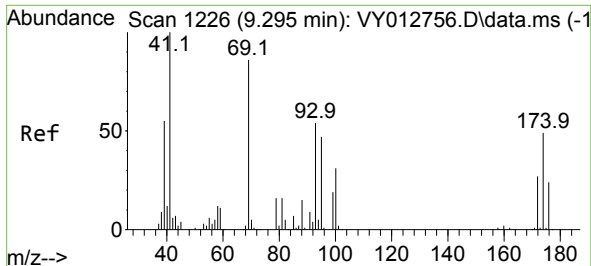
Tgt Ion: 83	Resp:	34309
Ion Ratio	Lower	Upper
83	100	
85	62.0	50.2 75.4
127	8.3	6.3 9.5



#48
Methyl methacrylate
Concen: 19.670 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

Tgt Ion: 41	Resp:	16931
Ion Ratio	Lower	Upper
41	100	
69	83.8	64.1 96.1
39	59.2	44.0 66.0





#49

1,4-Dioxane

Concen: 455.151 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBSD01

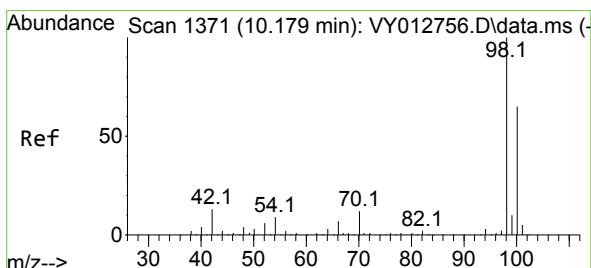
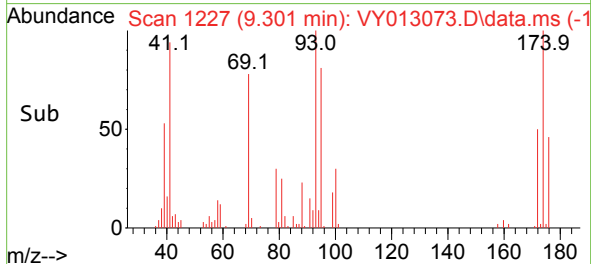
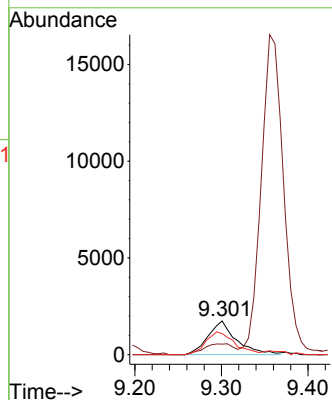
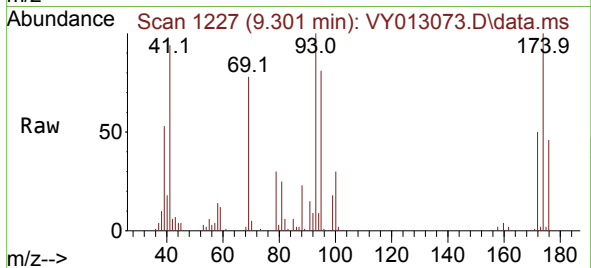
Tgt Ion: 88 Resp: 3981

Ion Ratio Lower Upper

88 100

43 34.1 28.6 42.8

58 69.0 55.2 82.8



#50

Toluene-d8

Concen: 49.249 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013073.D

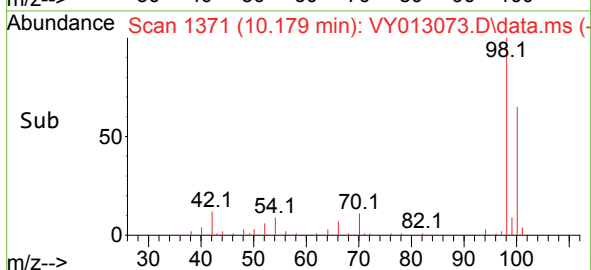
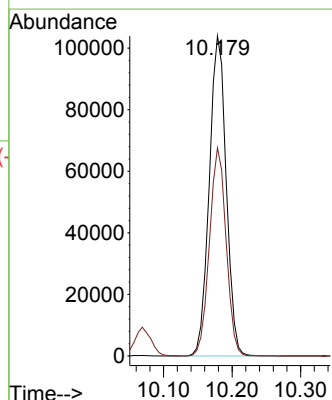
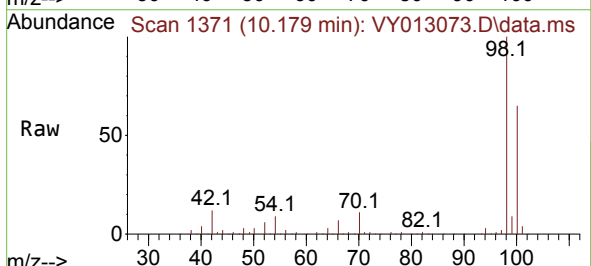
Acq: 24 Mar 2023 12:58

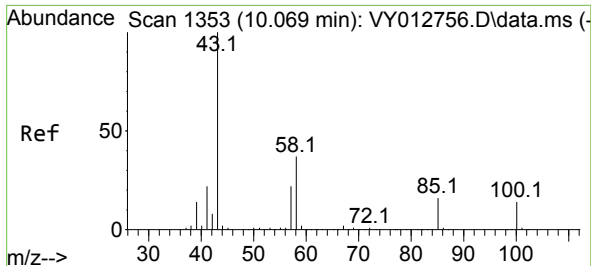
Tgt Ion: 98 Resp: 178481

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 107.395 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

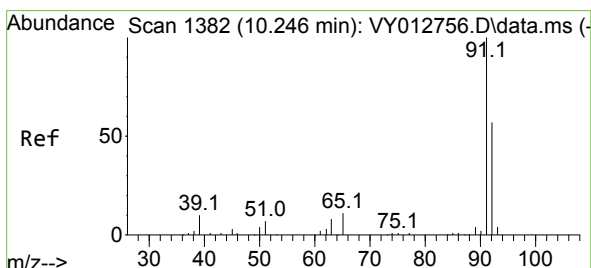
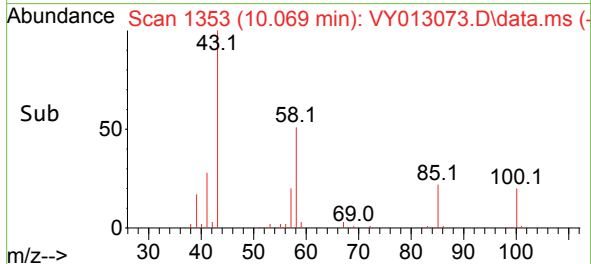
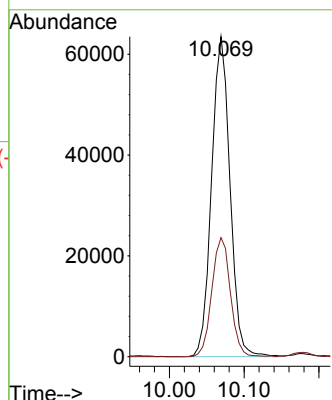
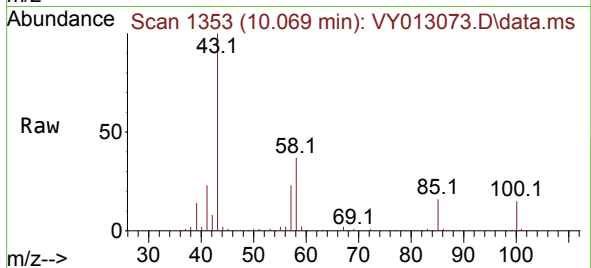
VY0324SBS01

Tgt Ion: 43 Resp: 108825

Ion Ratio Lower Upper

43 100

58 37.5 29.8 44.6



#52

Toluene

Concen: 20.916 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY013073.D

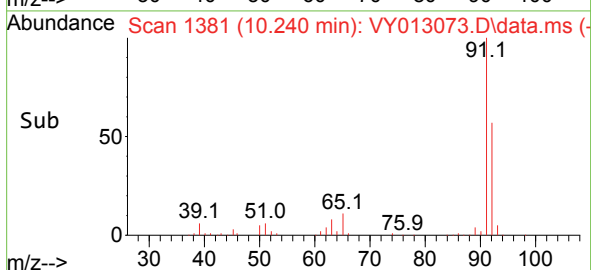
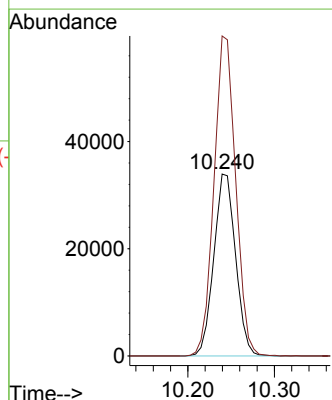
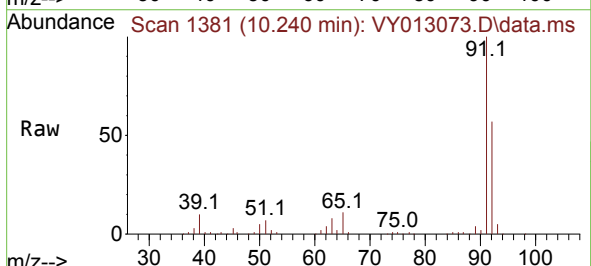
Acq: 24 Mar 2023 12:58

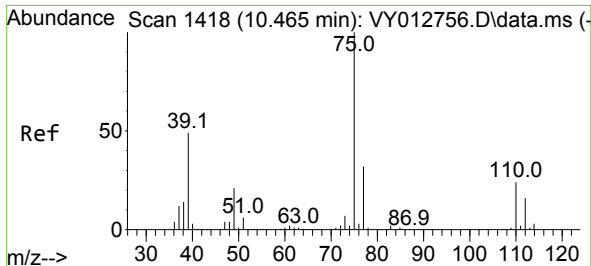
Tgt Ion: 92 Resp: 59275

Ion Ratio Lower Upper

92 100

91 175.2 141.3 211.9

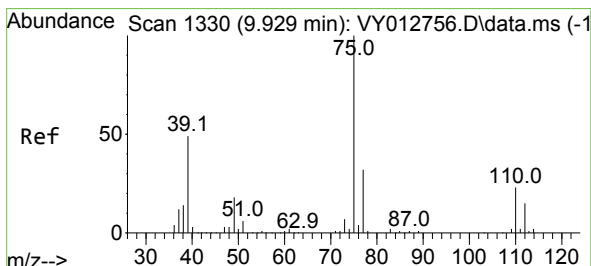
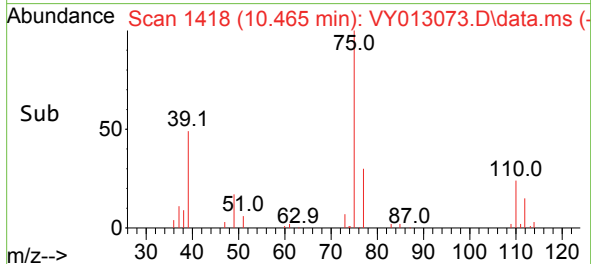
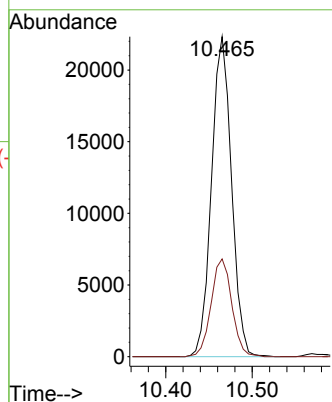
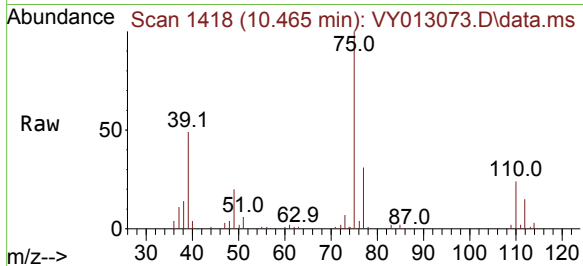




#53
 t-1,3-Dichloropropene
 Concen: 21.415 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY013073.D
 Acq: 24 Mar 2023 12:58

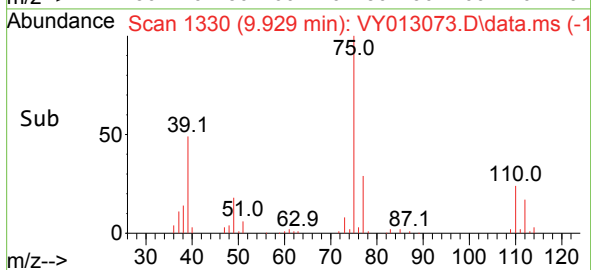
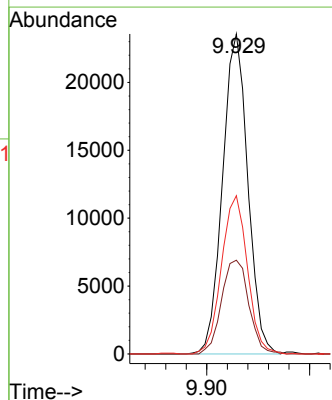
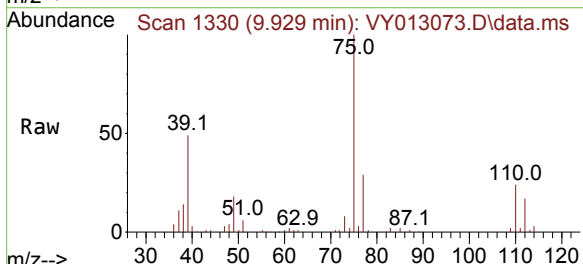
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

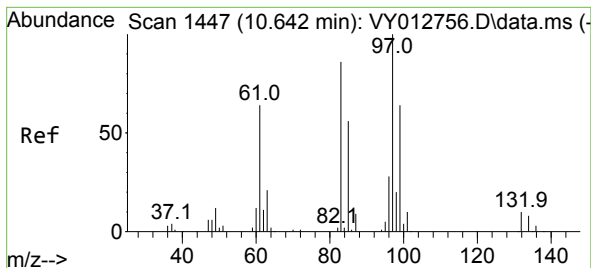
Tgt Ion: 75 Resp: 35813
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 21.197 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013073.D
 Acq: 24 Mar 2023 12:58

Tgt Ion: 75 Resp: 40124
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.4 38.0
 39 49.5 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 22.054 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tgt Ion: 97 Resp: 20780

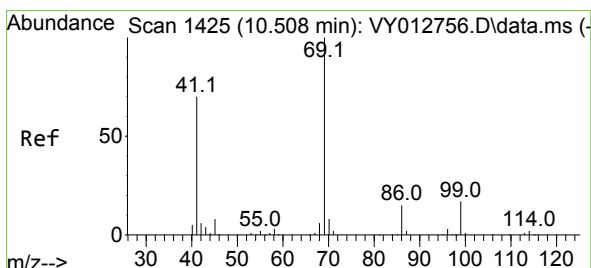
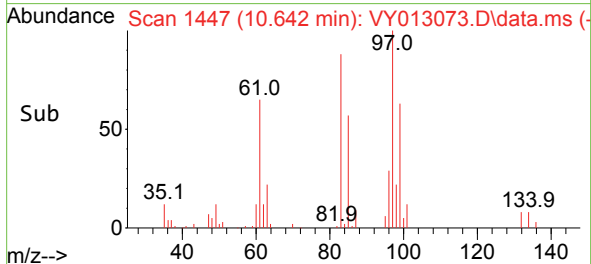
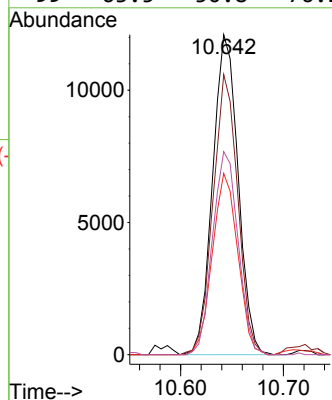
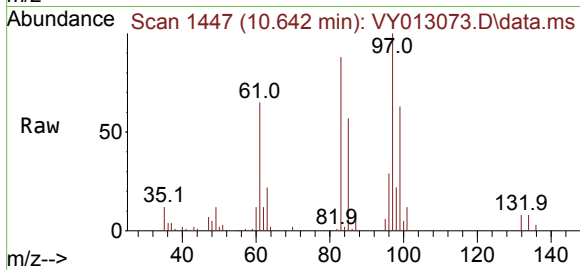
Ion Ratio Lower Upper

97 100

83 87.6 69.0 103.6

85 56.7 44.9 67.3

99 63.5 50.8 76.2



#56

Ethyl methacrylate

Concen: 20.840 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

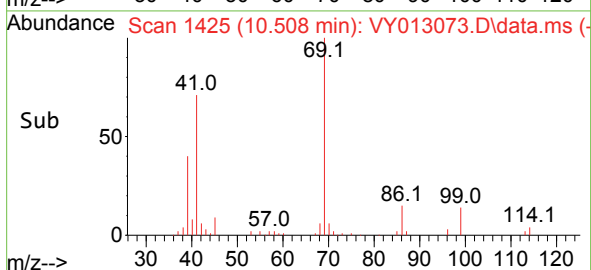
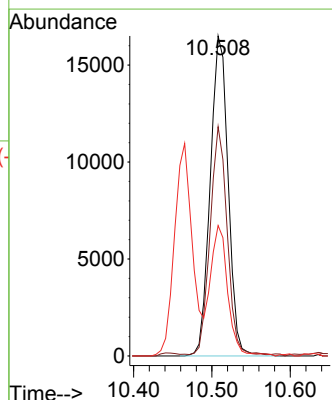
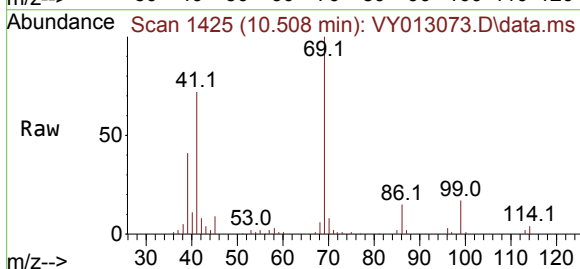
Tgt Ion: 69 Resp: 26183

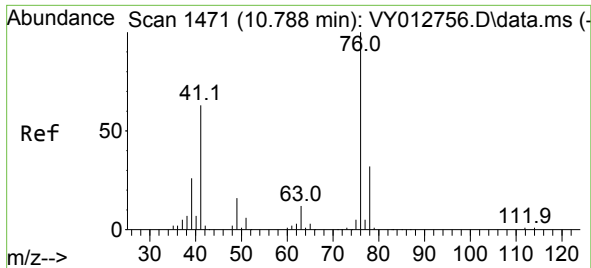
Ion Ratio Lower Upper

69 100

41 69.6 56.4 84.6

39 38.8 30.8 46.2

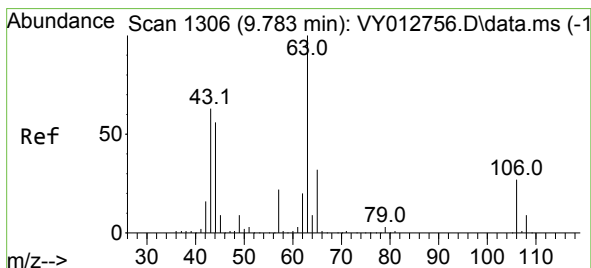
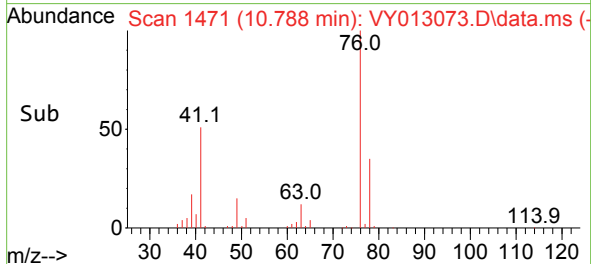
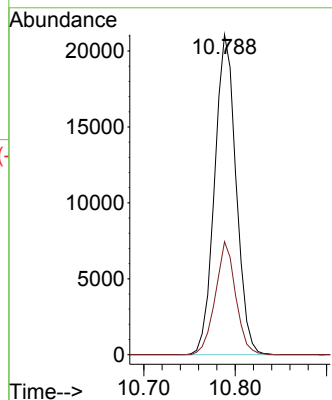
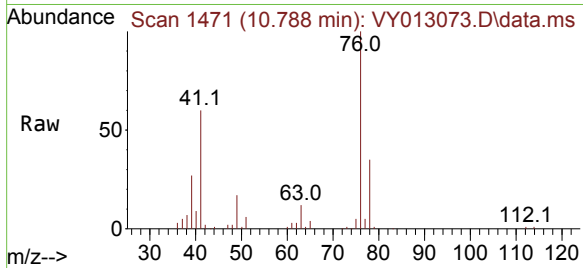




#57
1,3-Dichloropropane
Concen: 21.380 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

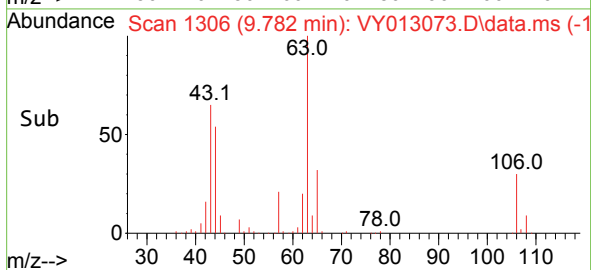
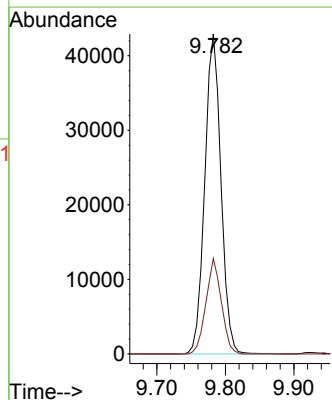
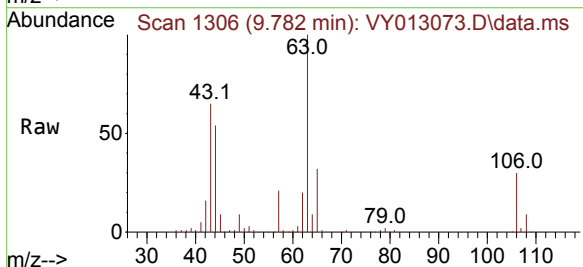
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

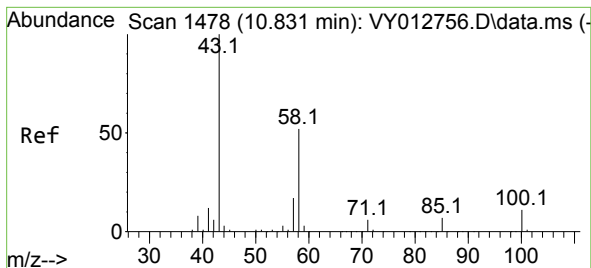
Tgt Ion: 76 Resp: 34312
Ion Ratio Lower Upper
76 100
78 33.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 106.969 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

Tgt Ion: 63 Resp: 70551
Ion Ratio Lower Upper
63 100
106 28.4 22.1 33.1





#59

2-Hexanone

Concen: 106.982 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

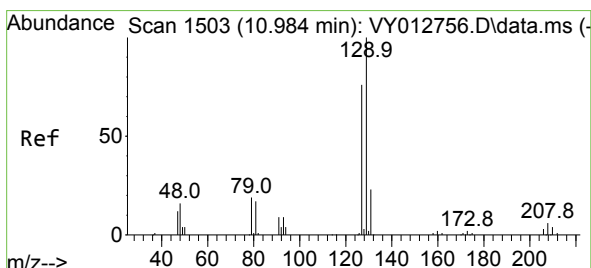
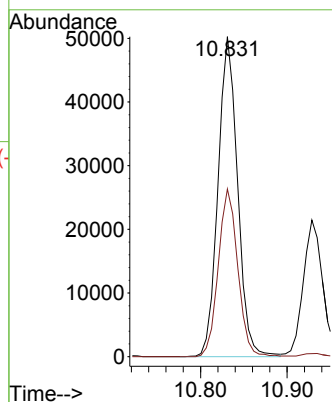
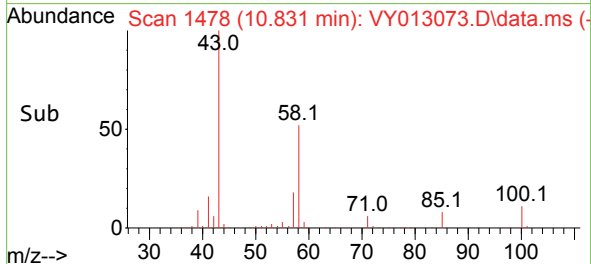
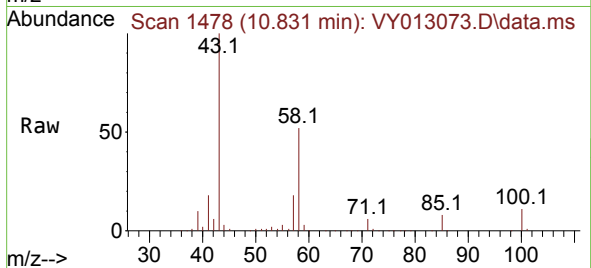
VY0324SBS01

Tgt Ion: 43 Resp: 78788

Ion Ratio Lower Upper

43 100

58 52.3 25.9 77.8



#60

Dibromochloromethane

Concen: 22.418 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY013073.D

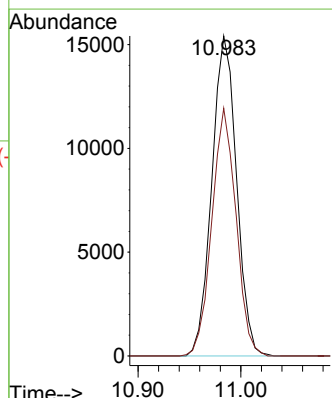
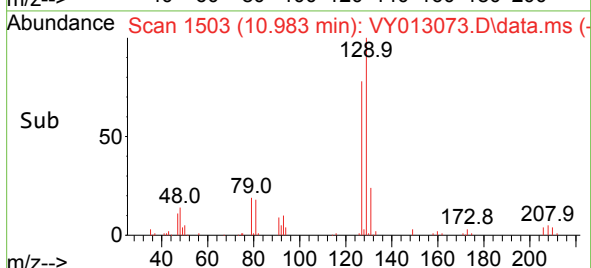
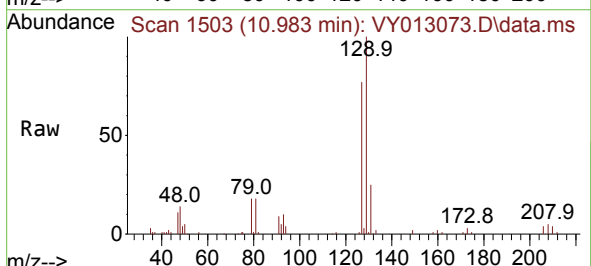
Acq: 24 Mar 2023 12:58

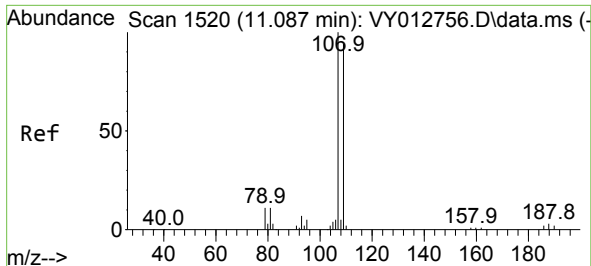
Tgt Ion: 129 Resp: 25713

Ion Ratio Lower Upper

129 100

127 75.7 38.7 116.1

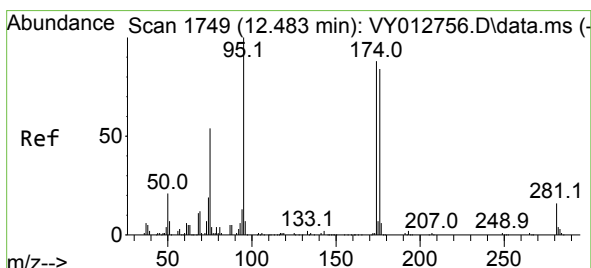
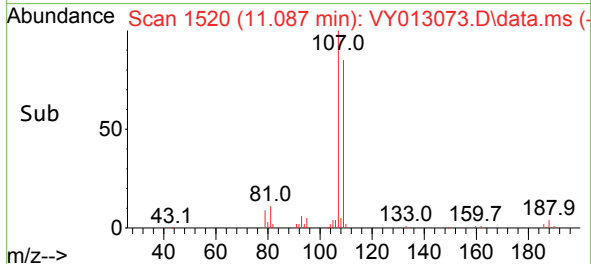
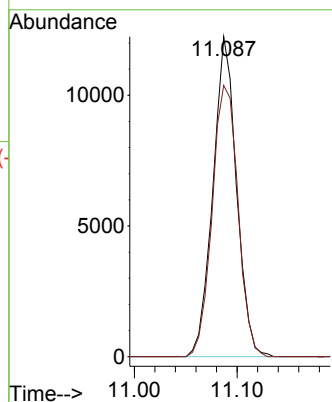
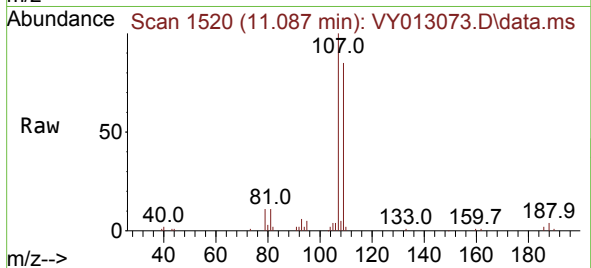




#61
1,2-Dibromoethane
Concen: 21.443 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

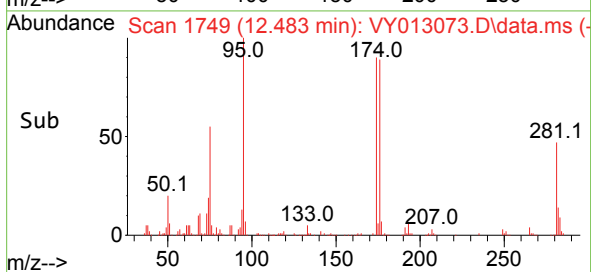
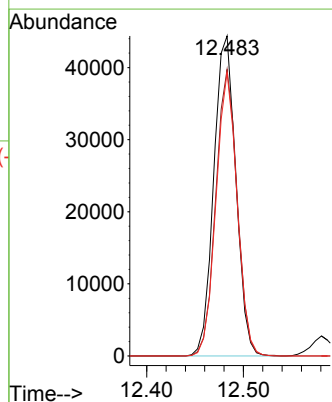
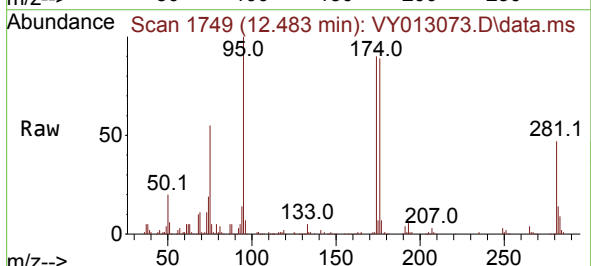
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBSD01

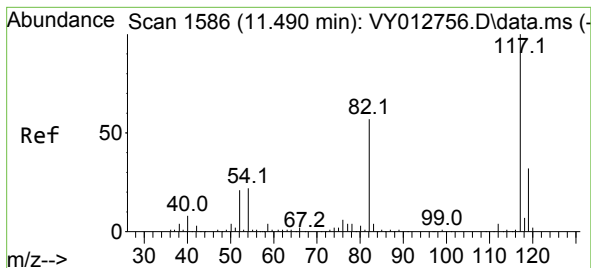
Tgt Ion:107 Resp: 19463
Ion Ratio Lower Upper
107 100
109 92.9 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 57.412 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

Tgt Ion: 95 Resp: 70228
Ion Ratio Lower Upper
95 100
174 86.9 0.0 176.6
176 84.6 0.0 170.2

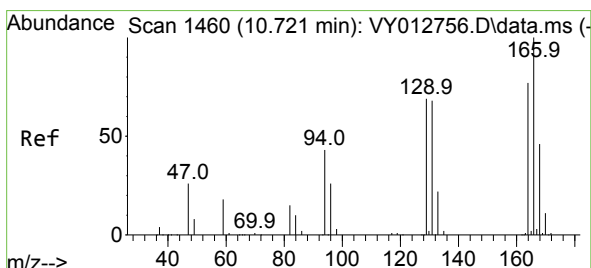
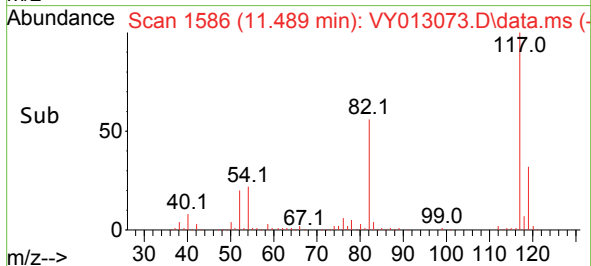
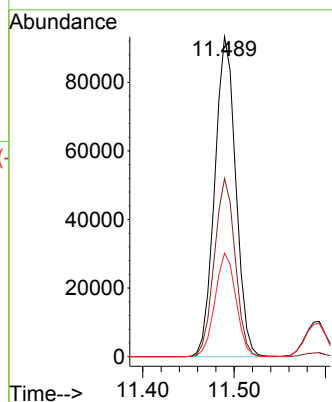
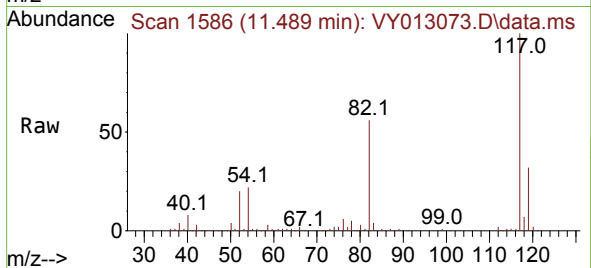




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

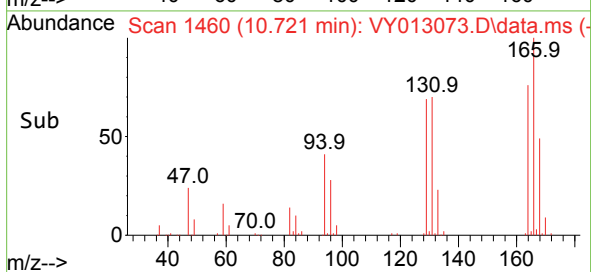
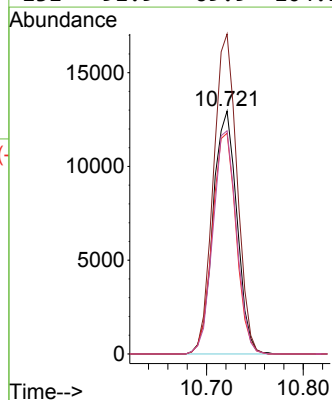
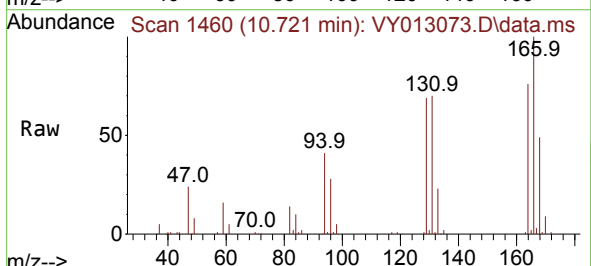
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBSD01

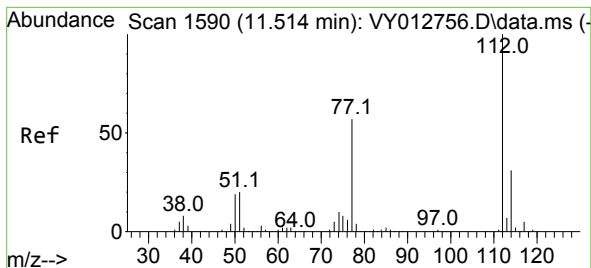
Tgt Ion:117 Resp: 149278
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.0
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 20.421 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

Tgt Ion:164 Resp: 22195
Ion Ratio Lower Upper
164 100
166 131.7 103.4 155.2
129 90.9 71.4 107.2
131 91.9 69.9 104.9

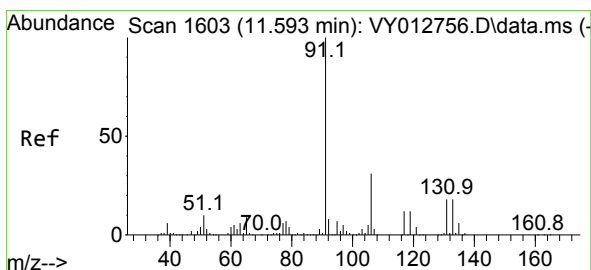
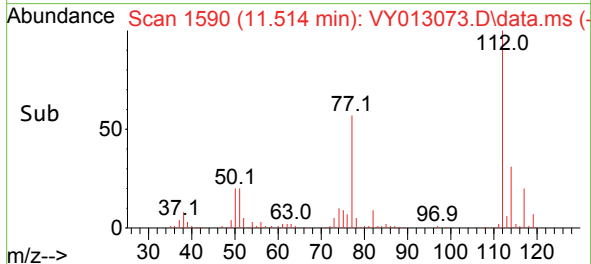
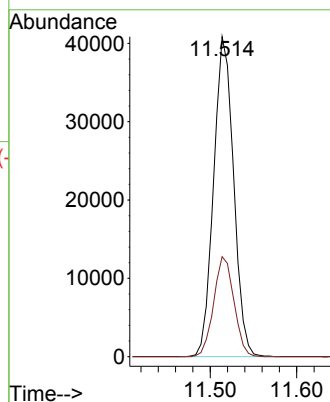
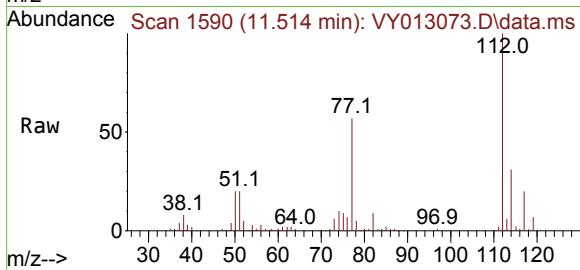




#65
Chlorobenzene
Concen: 20.888 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

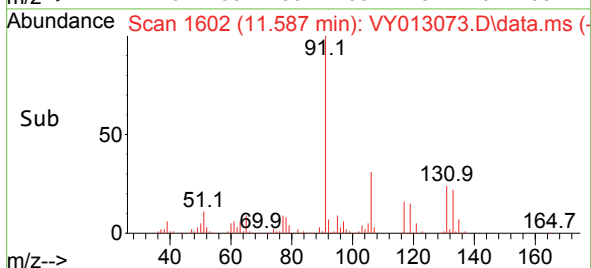
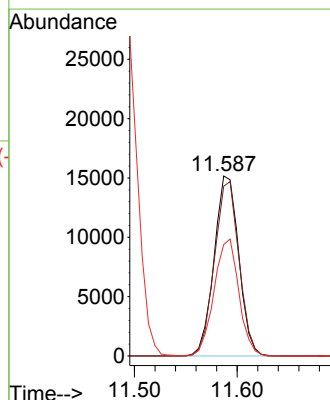
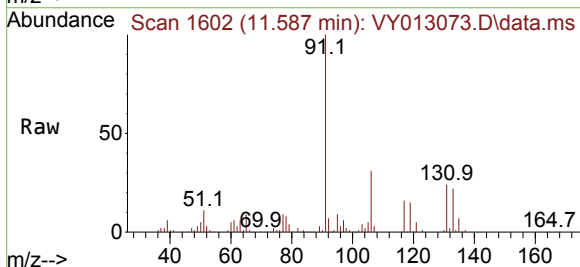
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

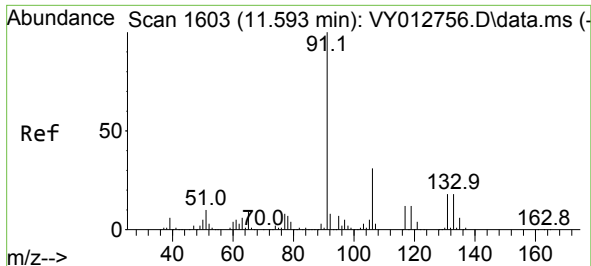
Tgt Ion:112 Resp: 65442
Ion Ratio Lower Upper
112 100
114 31.3 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.767 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

Tgt Ion:131 Resp: 25235
Ion Ratio Lower Upper
131 100
133 96.5 48.0 144.0
119 65.3 32.6 98.0

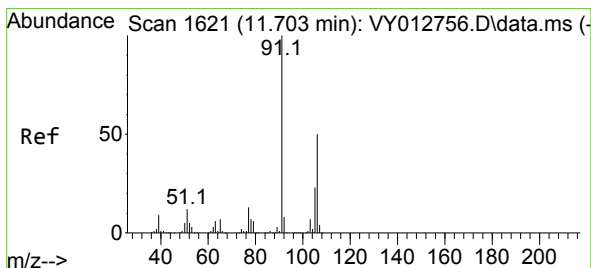
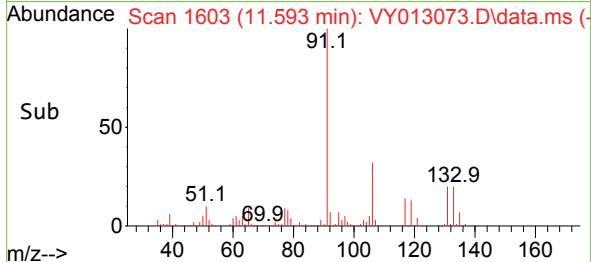
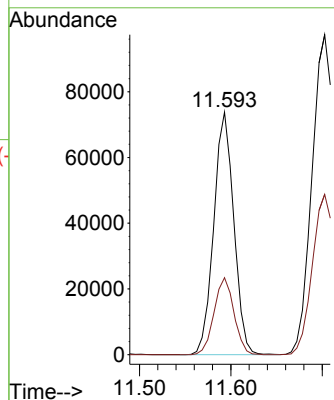
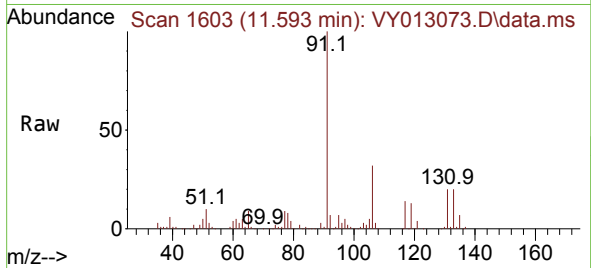




#67
Ethyl Benzene
Concen: 20.382 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

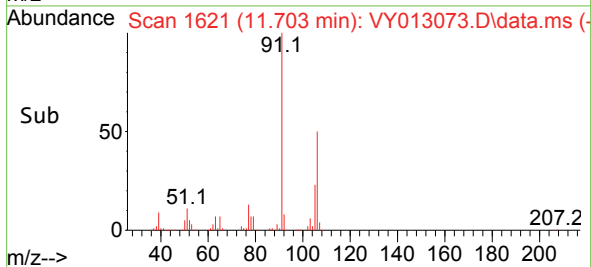
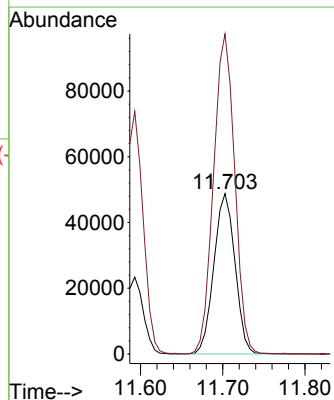
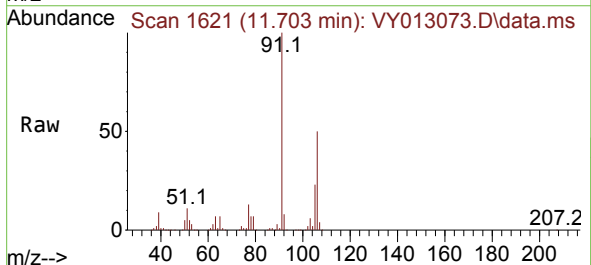
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

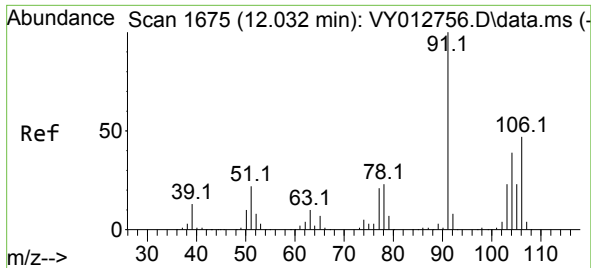
Tgt Ion: 91 Resp: 112270
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7



#68
m/p-Xylenes
Concen: 41.089 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

Tgt Ion:106 Resp: 87068
Ion Ratio Lower Upper
106 100
91 200.1 159.8 239.8

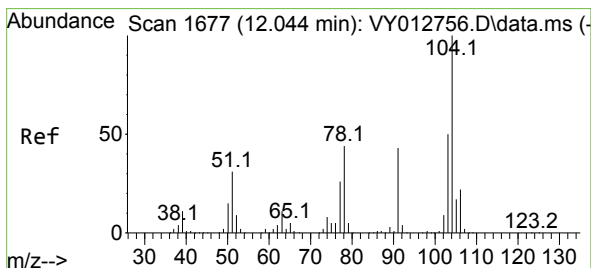
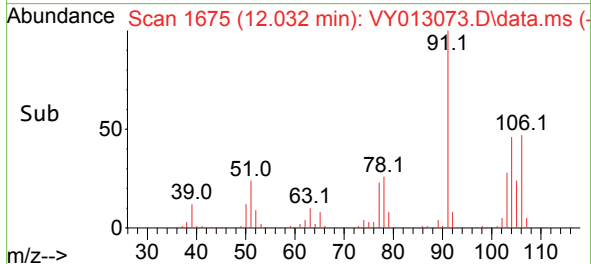
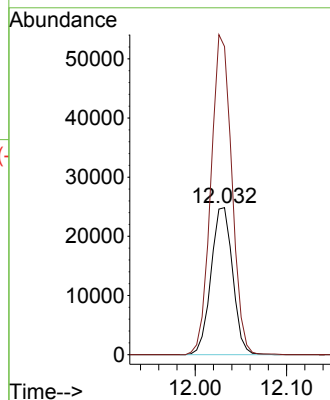
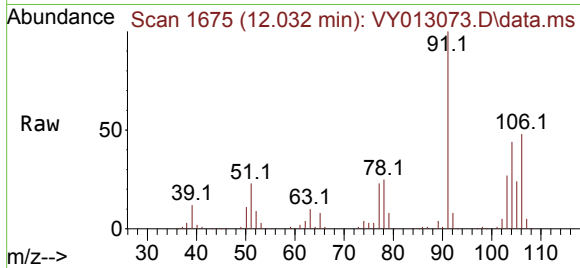




#69
o-Xylene
Concen: 20.632 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

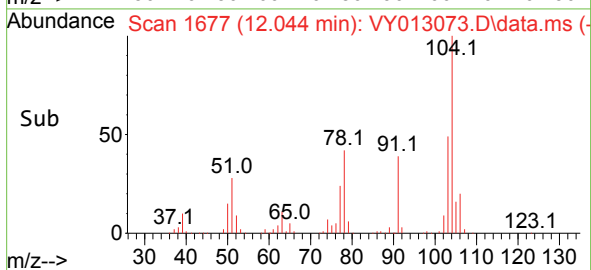
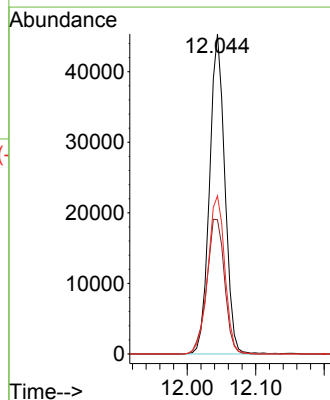
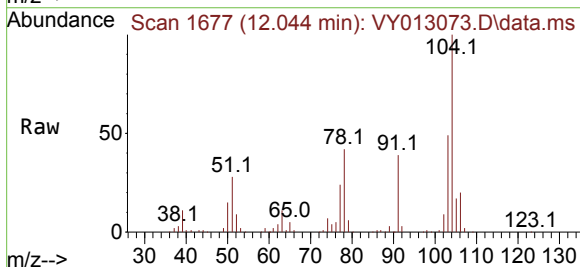
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

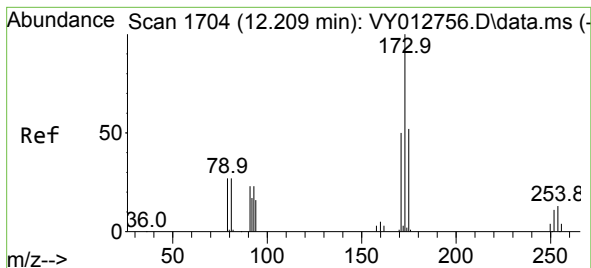
Tgt Ion:106 Resp: 40803
Ion Ratio Lower Upper
106 100
91 210.4 107.2 321.6



#70
Styrene
Concen: 21.345 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

Tgt Ion:104 Resp: 70444
Ion Ratio Lower Upper
104 100
78 48.9 39.2 58.8
103 54.6 43.7 65.5





#71

Bromoform

Concen: 22.196 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

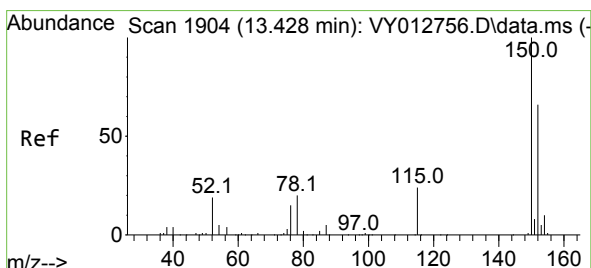
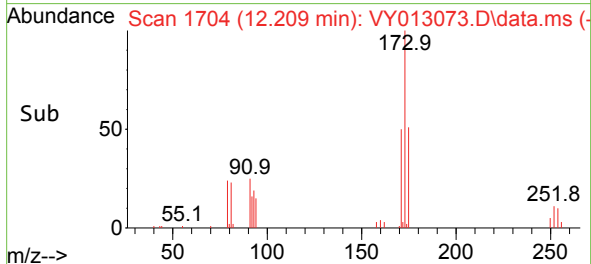
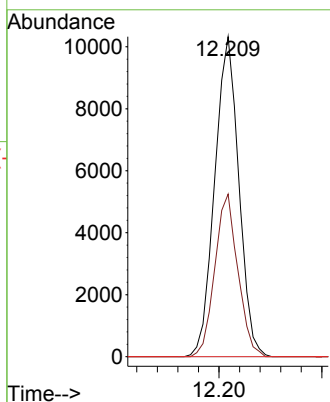
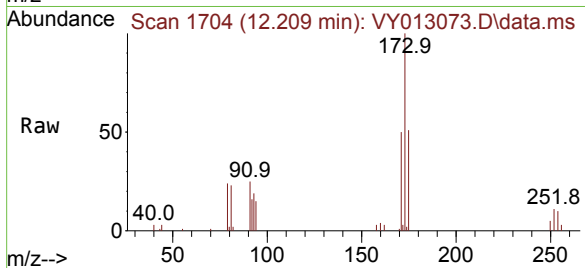
Tgt Ion:173 Resp: 16777

Ion Ratio Lower Upper

173 100

175 48.5 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

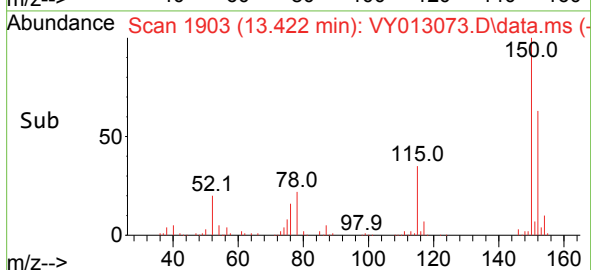
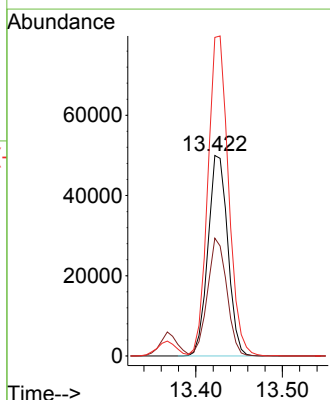
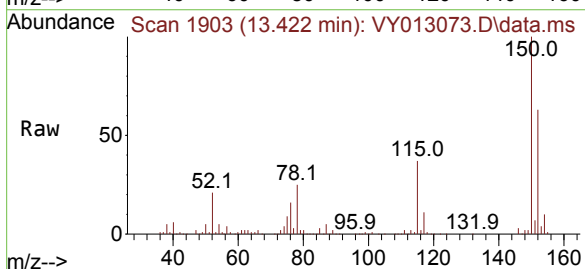
Tgt Ion:152 Resp: 79392

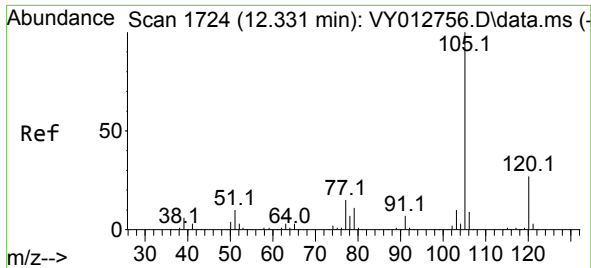
Ion Ratio Lower Upper

152 100

115 57.3 27.1 81.3

150 166.0 0.0 347.8

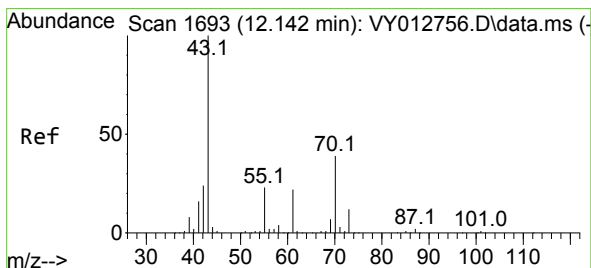
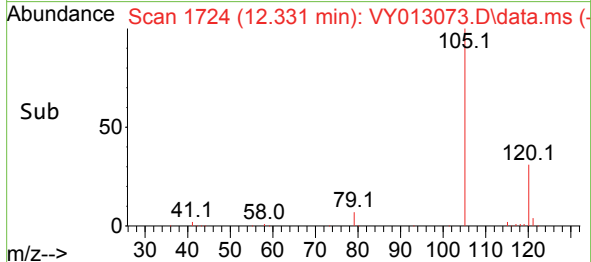
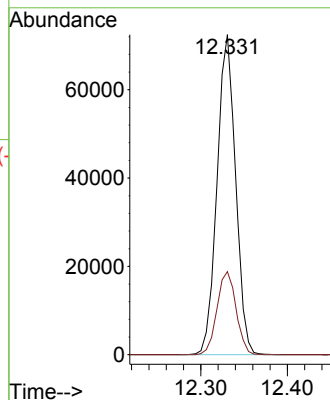
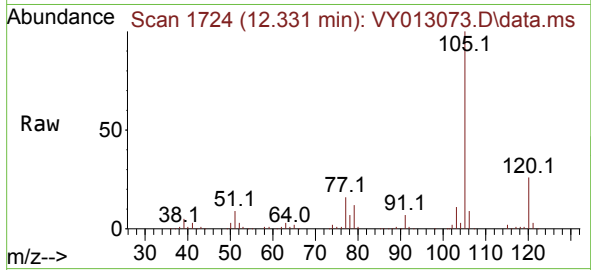




#73
Isopropylbenzene
Concen: 19.130 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

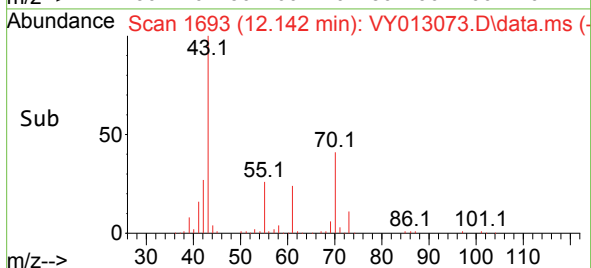
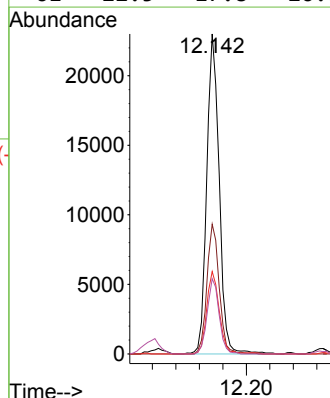
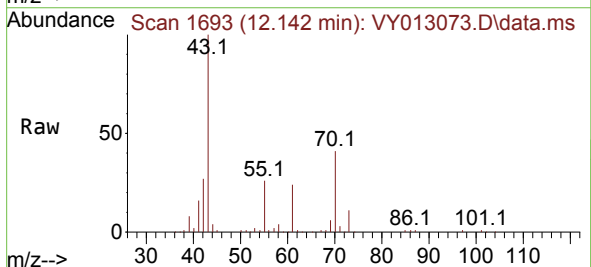
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

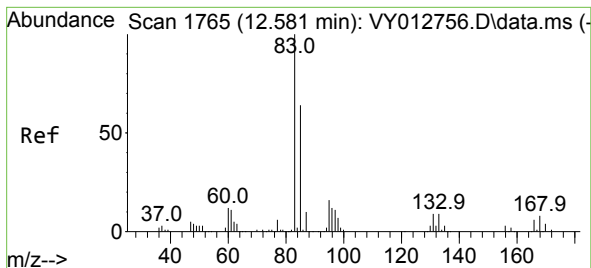
Tgt Ion:105 Resp: 107639
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 19.148 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

Tgt Ion: 43 Resp: 33898
Ion Ratio Lower Upper
43 100
70 40.1 31.6 47.4
55 25.8 18.8 28.2
61 22.5 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.295 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

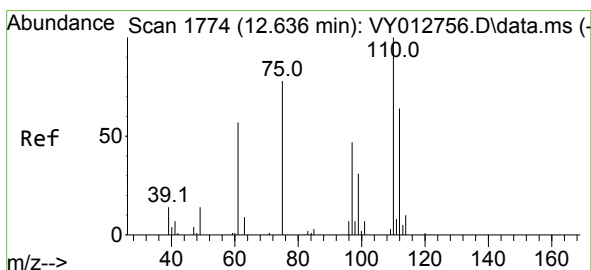
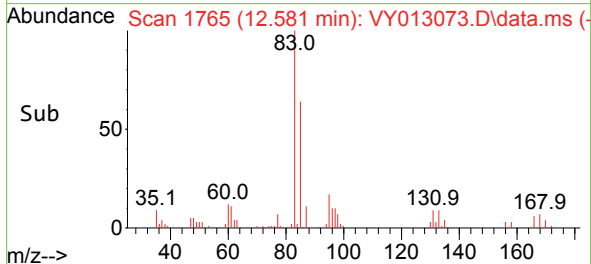
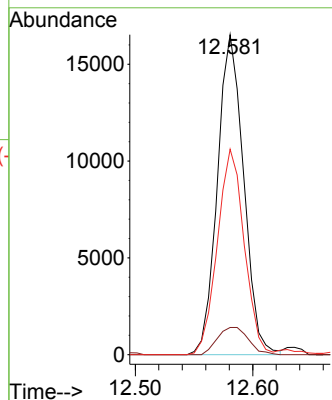
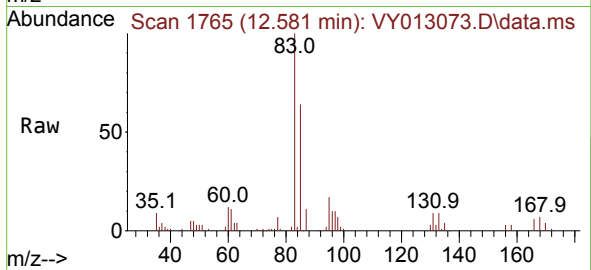
Tgt Ion: 83 Resp: 25669

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

85 65.7 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 33.871 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY013073.D

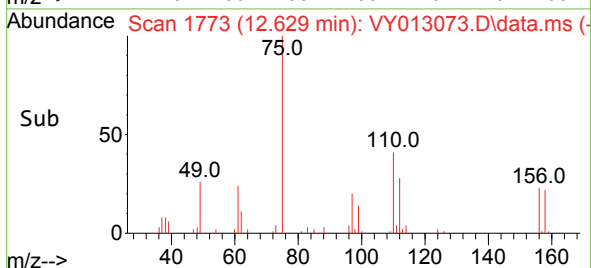
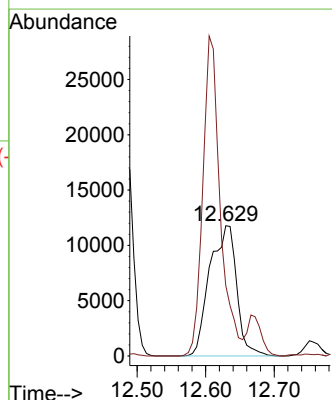
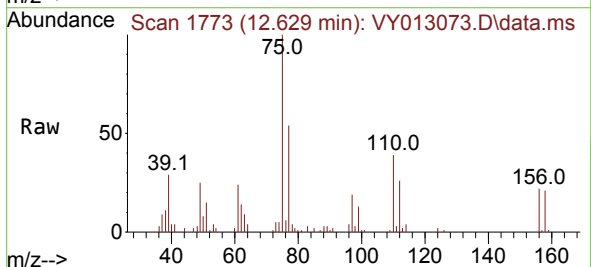
Acq: 24 Mar 2023 12:58

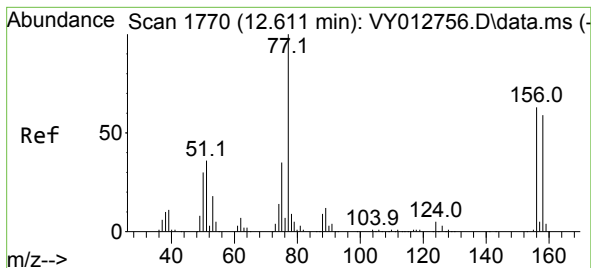
Tgt Ion: 75 Resp: 32112

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.316 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBSD01

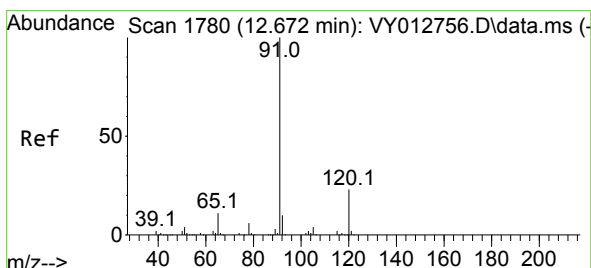
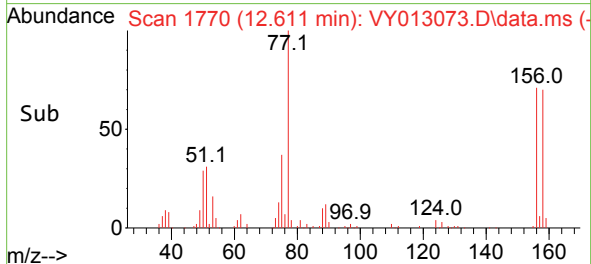
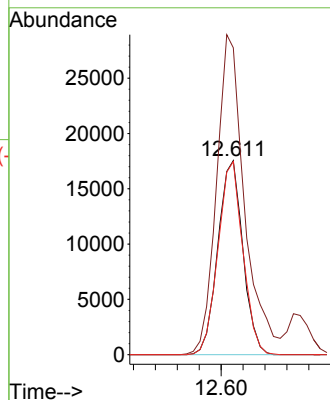
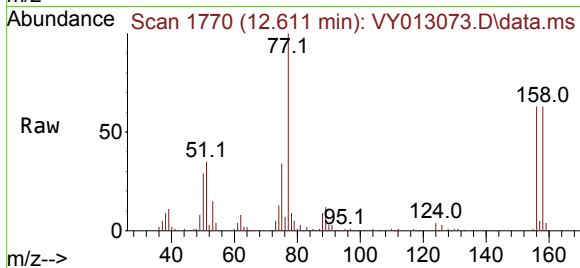
Tgt Ion:156 Resp: 27770

Ion Ratio Lower Upper

156 100

77 185.3 94.0 282.1

158 98.9 48.1 144.4



#78

n-propylbenzene

Concen: 19.303 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013073.D

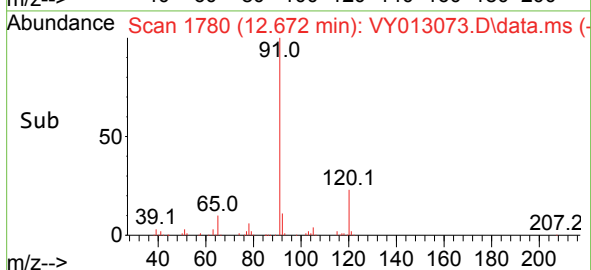
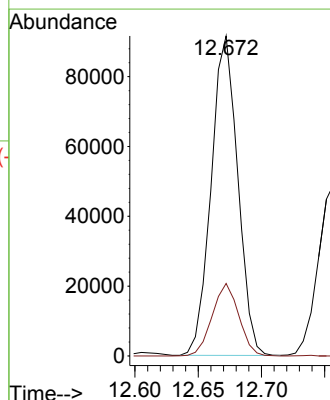
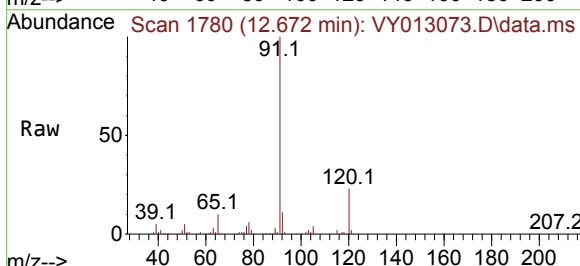
Acq: 24 Mar 2023 12:58

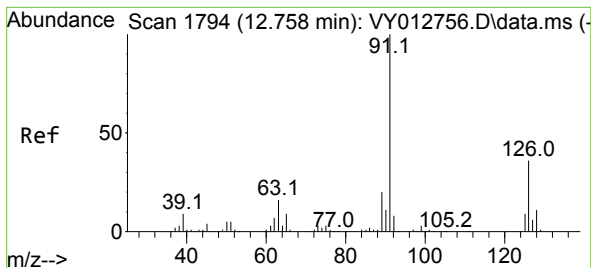
Tgt Ion: 91 Resp: 133901

Ion Ratio Lower Upper

91 100

120 22.7 11.6 34.8





#79

2-Chlorotoluene

Concen: 19.813 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

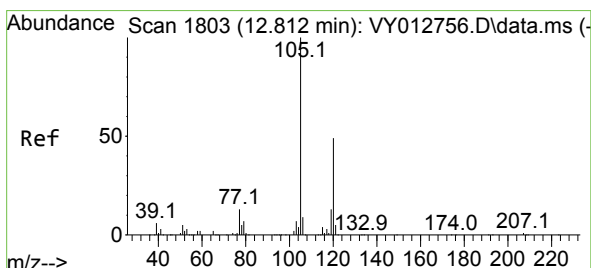
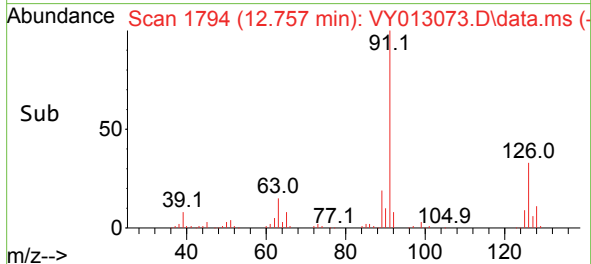
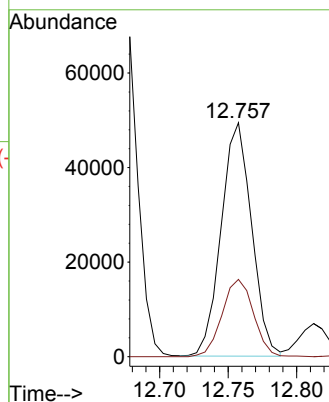
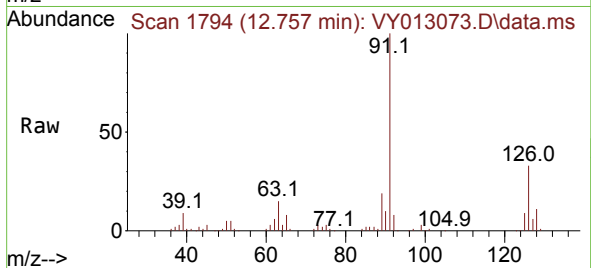
VY0324SBS01

Tgt Ion: 91 Resp: 76387

Ion Ratio Lower Upper

91 100

126 34.2 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 19.837 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY013073.D

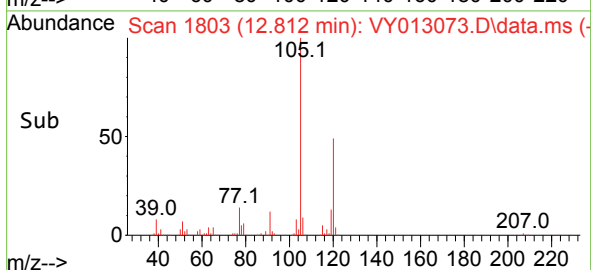
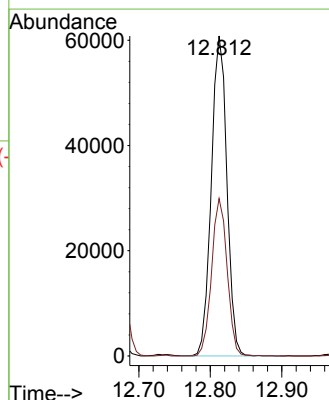
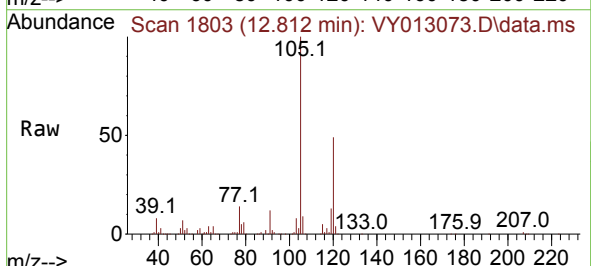
Acq: 24 Mar 2023 12:58

Tgt Ion: 105 Resp: 92111

Ion Ratio Lower Upper

105 100

120 48.9 24.8 74.4

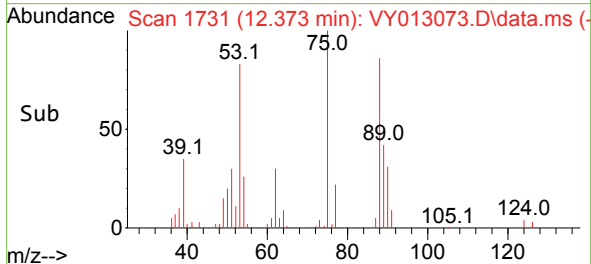
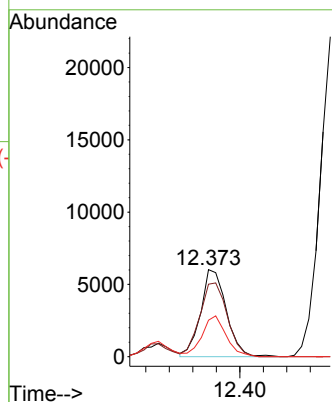
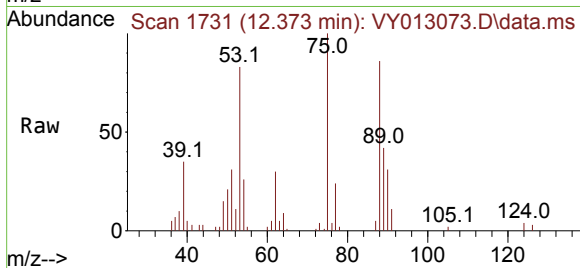




#81
trans-1,4-Dichloro-2-butene
Concen: 19.960 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

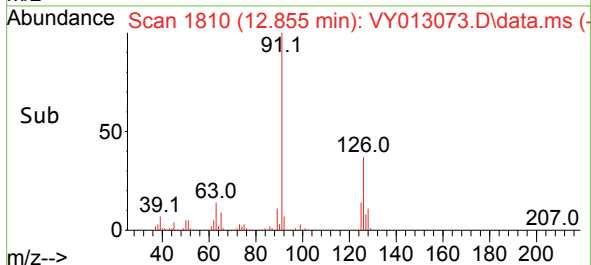
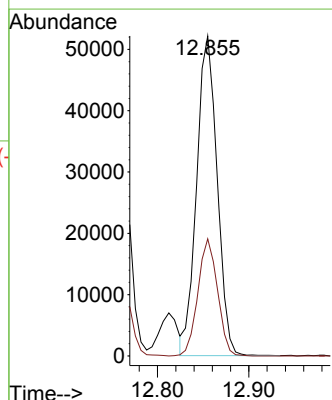
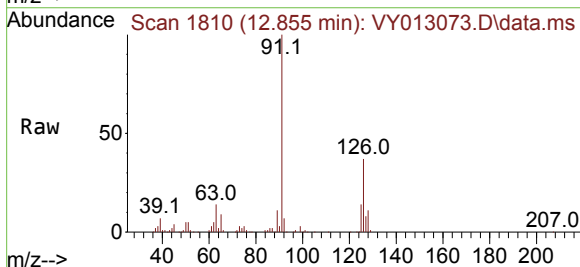
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

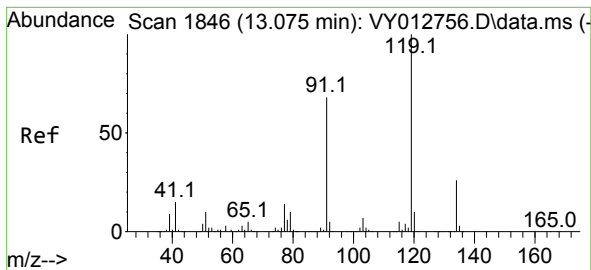
Tgt Ion: 75 Resp: 9133
Ion Ratio Lower Upper
75 100
53 91.0 73.4 110.0
89 44.2 36.6 55.0



#82
4-Chlorotoluene
Concen: 20.357 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013073.D
Acq: 24 Mar 2023 12:58

Tgt Ion: 91 Resp: 81243
Ion Ratio Lower Upper
91 100
126 35.1 17.7 53.1





#83

tert-Butylbenzene

Concen: 19.461 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

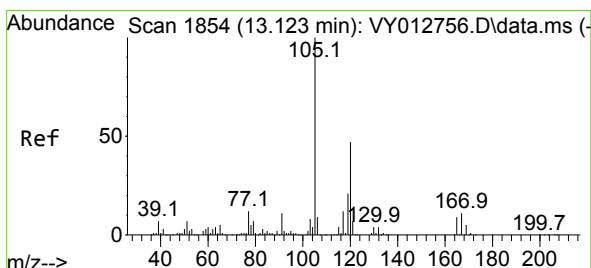
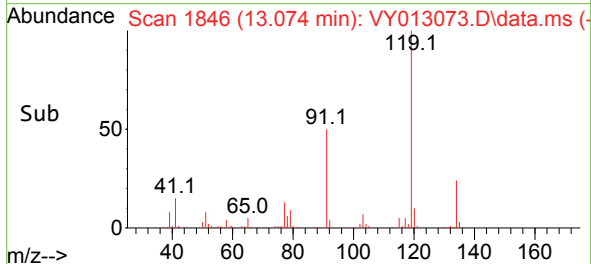
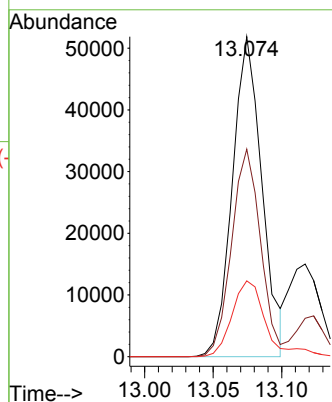
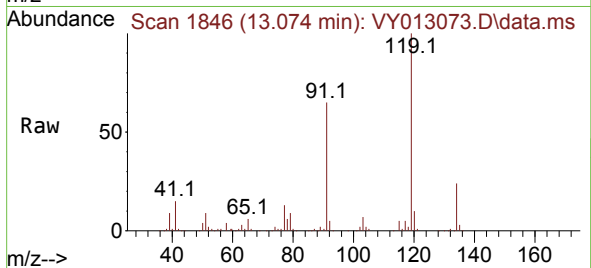
Tgt Ion:119 Resp: 77996

Ion Ratio Lower Upper

119 100

91 63.5 32.8 98.3

134 27.1 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 19.783 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013073.D

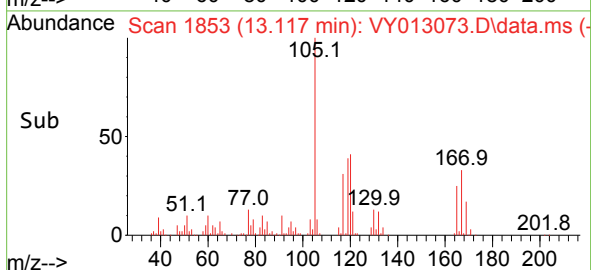
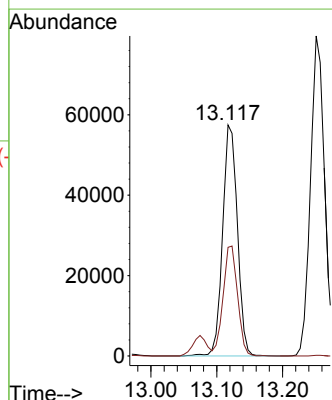
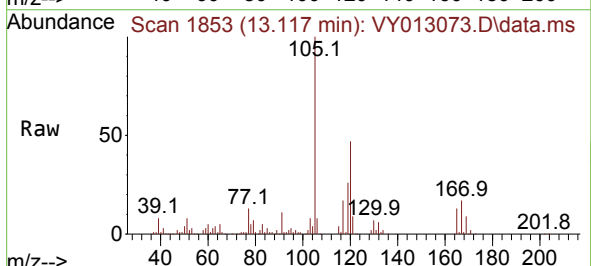
Acq: 24 Mar 2023 12:58

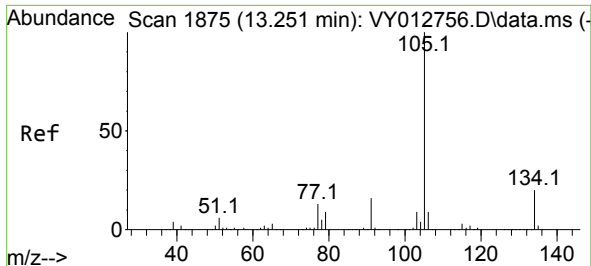
Tgt Ion:105 Resp: 89827

Ion Ratio Lower Upper

105 100

120 46.6 23.0 69.0

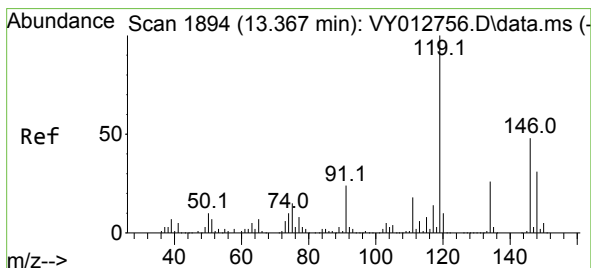
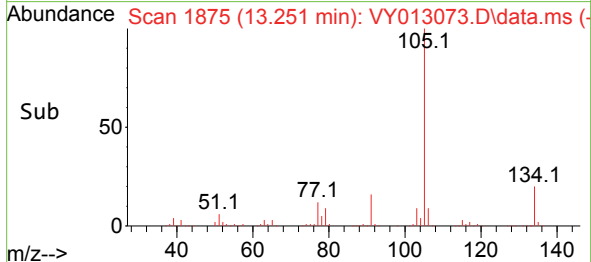
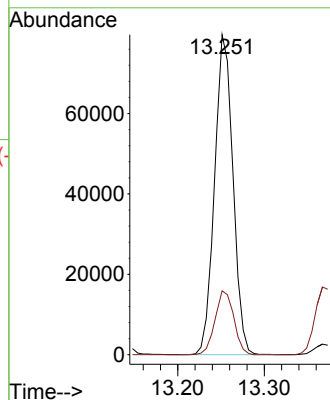
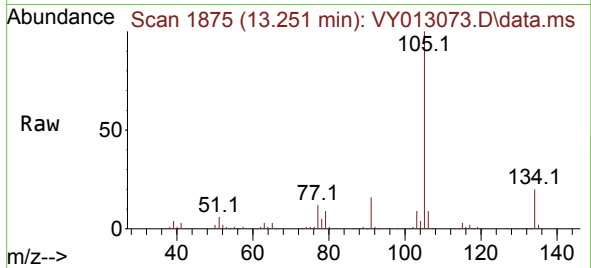




#85
 sec-Butylbenzene
 Concen: 19.202 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY013073.D
 Acq: 24 Mar 2023 12:58

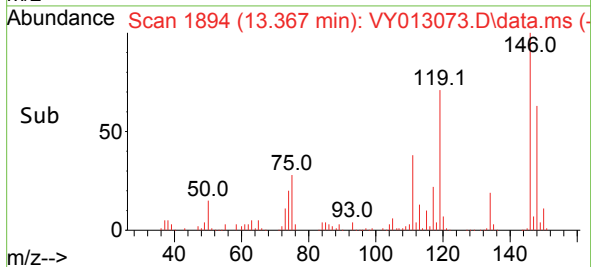
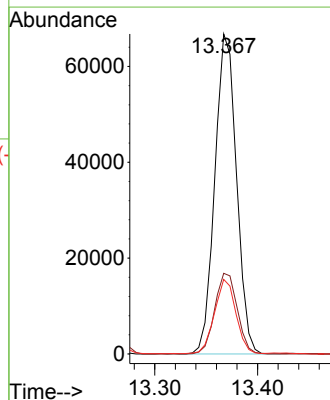
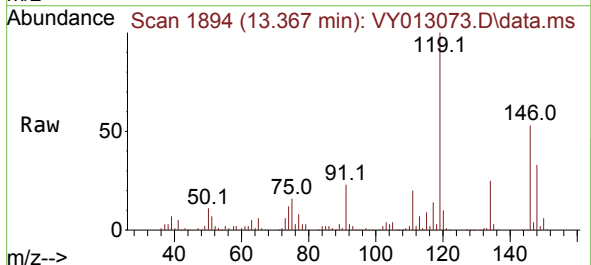
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBSD01

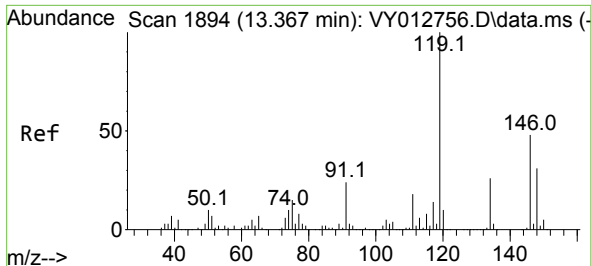
Tgt Ion:105 Resp: 117405
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.567 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY013073.D
 Acq: 24 Mar 2023 12:58

Tgt Ion:119 Resp: 97777
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.6
 91 22.9 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 20.571 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

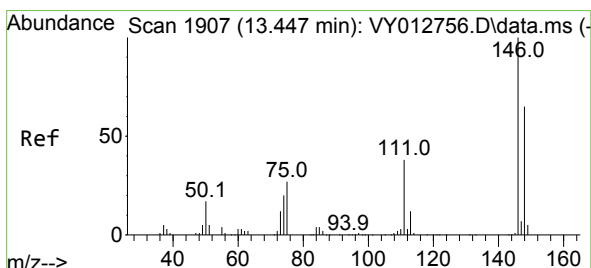
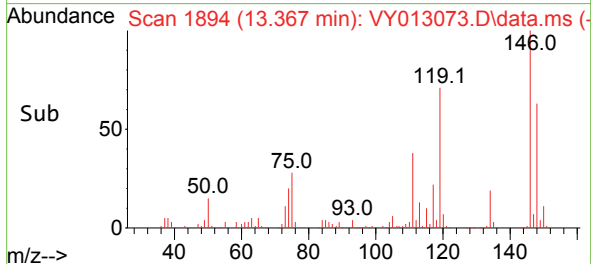
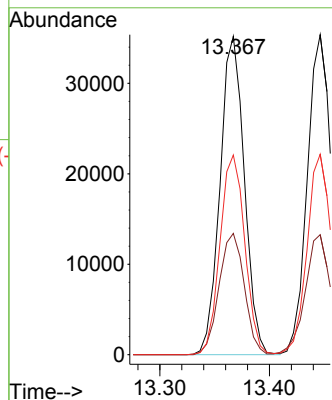
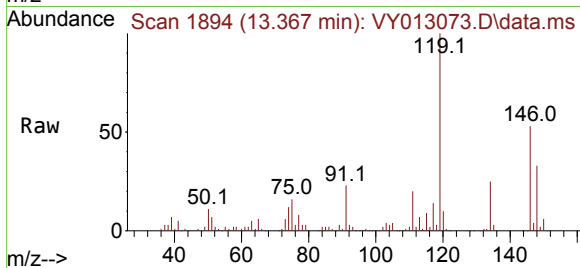
Tgt Ion:146 Resp: 54231

Ion Ratio Lower Upper

146 100

111 39.6 19.1 57.5

148 63.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.266 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

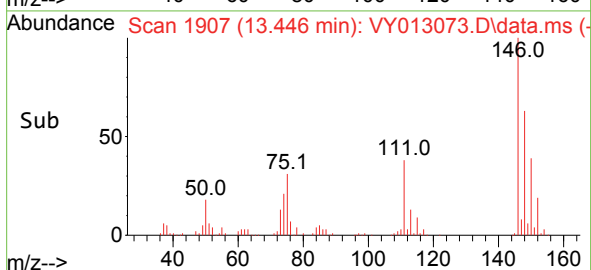
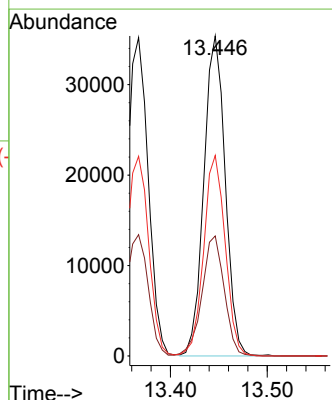
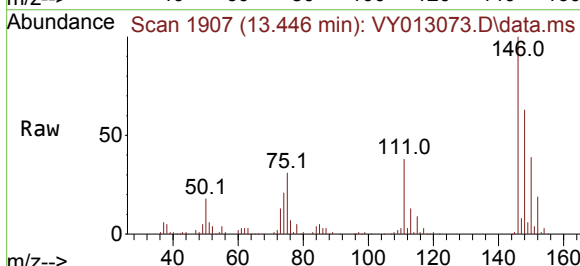
Tgt Ion:146 Resp: 54526

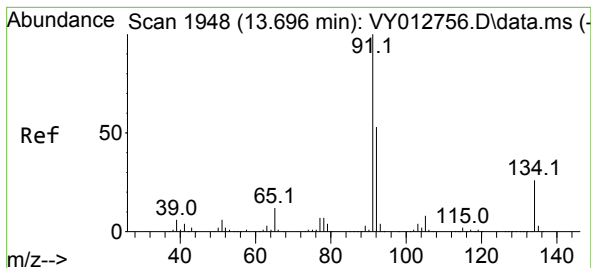
Ion Ratio Lower Upper

146 100

111 39.1 18.6 55.8

148 63.0 31.5 94.5





#89

n-Butylbenzene

Concen: 18.954 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

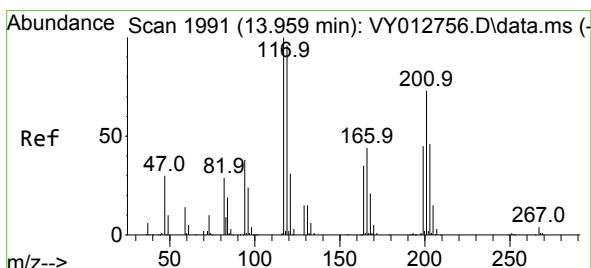
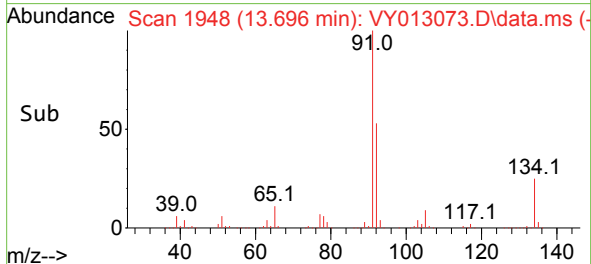
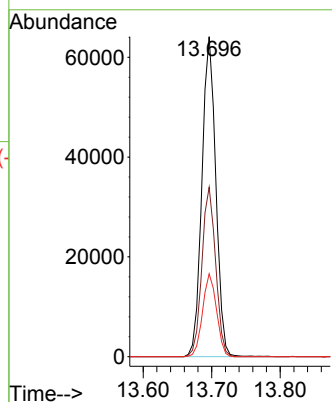
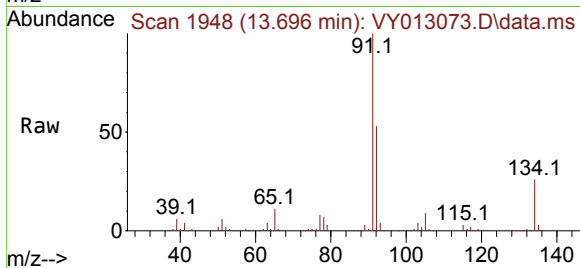
Tgt Ion: 91 Resp: 90670

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.0

134 26.0 13.0 38.9



#90

Hexachloroethane

Concen: 19.830 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013073.D

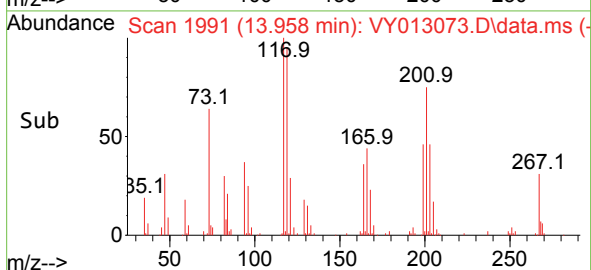
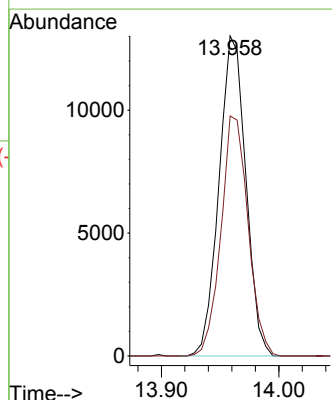
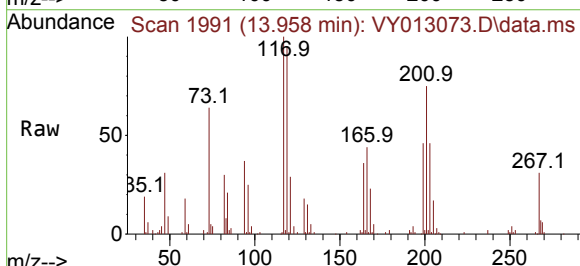
Acq: 24 Mar 2023 12:58

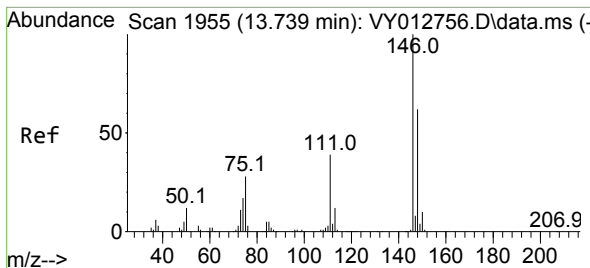
Tgt Ion: 117 Resp: 20639

Ion Ratio Lower Upper

117 100

201 75.8 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 20.875 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

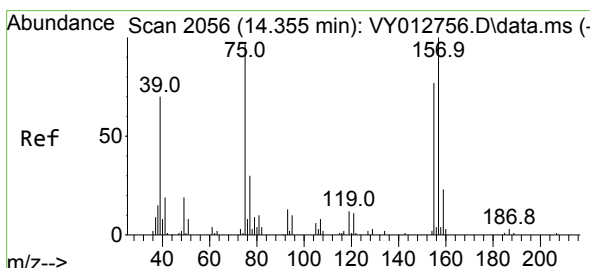
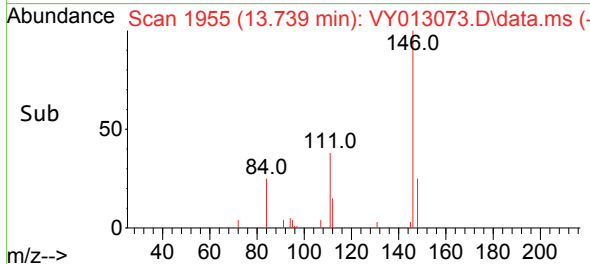
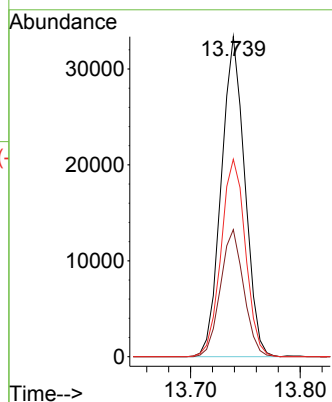
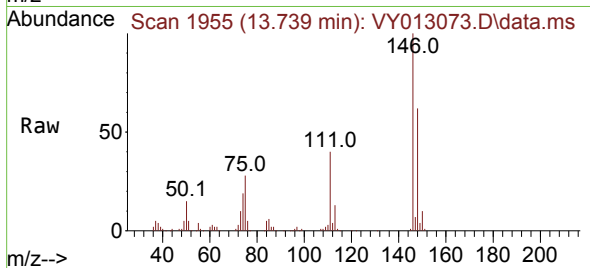
Tgt Ion:146 Resp: 49746

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.1

148 64.0 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.566 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

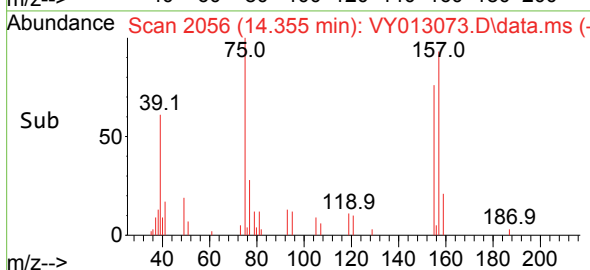
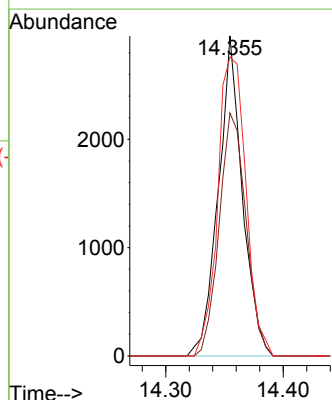
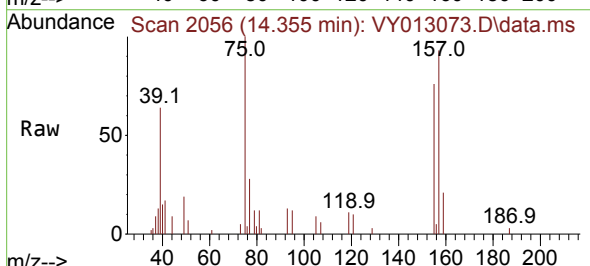
Tgt Ion: 75 Resp: 4204

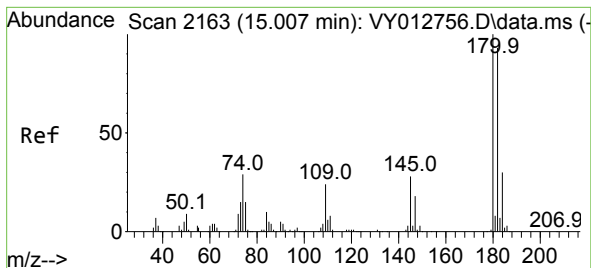
Ion Ratio Lower Upper

75 100

155 84.4 43.8 131.4

157 110.0 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 19.335 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013073.D

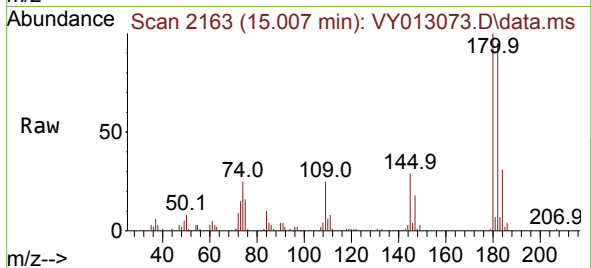
Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

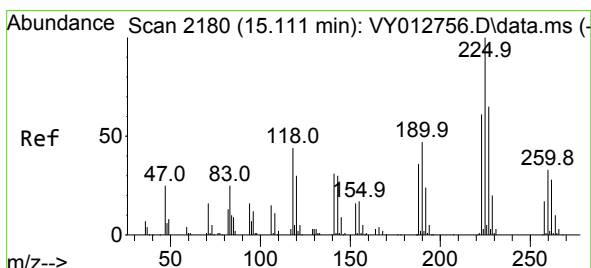
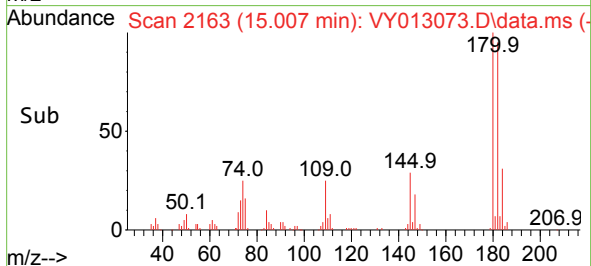
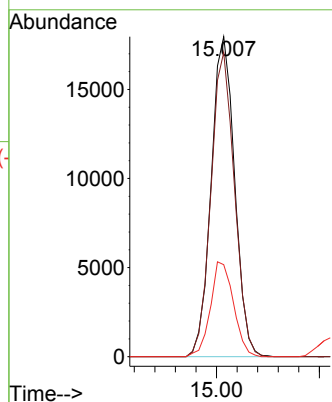
ClientSampleId :

VY0324SBSD01



Tgt Ion:180 Resp: 28370

Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.7	140.1
145	29.2	14.6	43.8



#94

Hexachlorobutadiene

Concen: 19.201 ug/l

RT: 15.111 min Scan# 2180

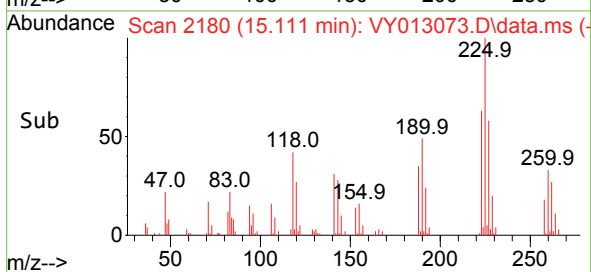
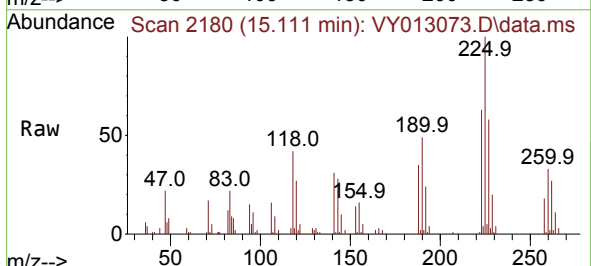
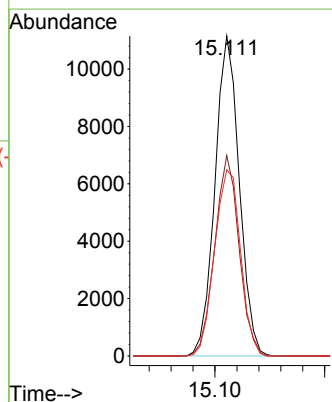
Delta R.T. -0.000 min

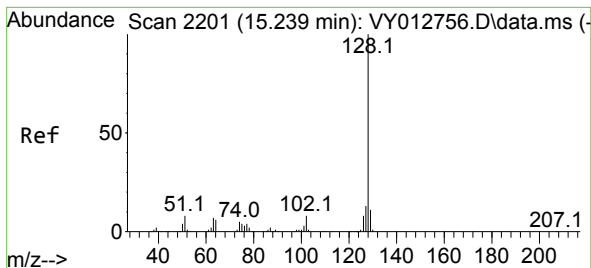
Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Tgt Ion:225 Resp: 17183

Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.1	93.3
227	62.1	32.4	97.0





#95

Naphthalene

Concen: 18.392 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

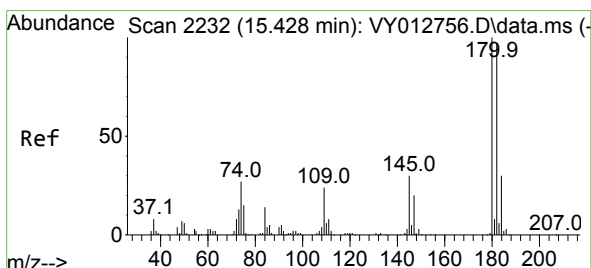
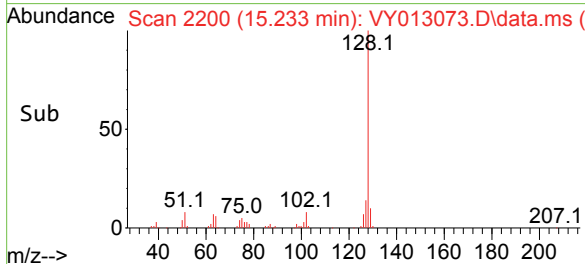
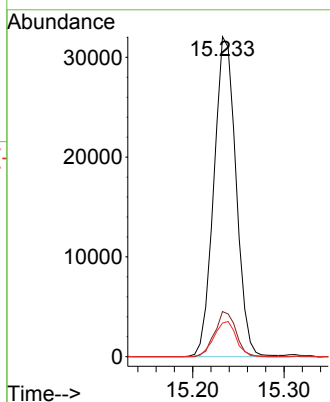
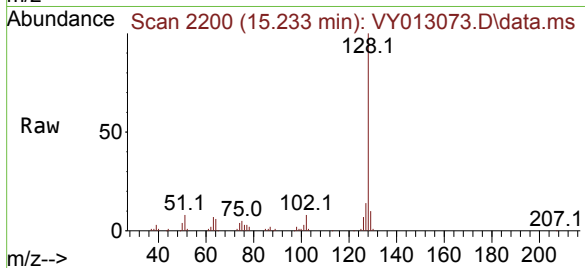
Tgt Ion:128 Resp: 54079

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.097 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY013073.D

Acq: 24 Mar 2023 12:58

Tgt Ion:180 Resp: 24921

Ion Ratio Lower Upper

180 100

182 96.1 47.4 142.3

145 31.3 15.3 45.8

