

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012792.D
 Acq On : 03 Mar 2023 13:48
 Operator : KP/MD
 Sample : VY0303SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS02

Quant Time: Mar 04 01:22:24 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	103018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	159769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	144338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74792	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53428	52.235	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.480%	
35) Dibromofluoromethane	7.716	113	51484	53.395	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.800%	
50) Toluene-d8	10.179	98	187180	53.102	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.200%	
62) 4-Bromofluorobenzene	12.483	95	64225	53.982	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.960%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	22084	21.749	ug/l	98
3) Chloromethane	2.113	50	25196	20.756	ug/l	96
4) Vinyl Chloride	2.253	62	23546	21.153	ug/l	98
5) Bromomethane	2.638	94	14511	21.454	ug/l	88
6) Chloroethane	2.790	64	14470	21.706	ug/l	99
7) Trichlorofluoromethane	3.125	101	39009	21.100	ug/l	94
8) Diethyl Ether	3.528	74	13600	20.992	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.900	101	23508	21.135	ug/l	98
10) Methyl Iodide	4.088	142	30084	20.758	ug/l	99
11) Tert butyl alcohol	4.948	59	14705	114.051	ug/l	97
12) 1,1-Dichloroethene	3.869	96	22671	21.371	ug/l	93
13) Acrolein	3.729	56	19022	106.150	ug/l	100
14) Allyl chloride	4.479	41	39060	19.933	ug/l	98
15) Acrylonitrile	5.155	53	36971	108.302	ug/l	100
16) Acetone	3.942	43	39504	98.398	ug/l	100
17) Carbon Disulfide	4.192	76	76498	21.185	ug/l	98
18) Methyl Acetate	4.473	43	24928	20.850	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	56348	20.564	ug/l	100
20) Methylene Chloride	4.716	84	30981	22.313	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	24656	21.387	ug/l	94
22) Diisopropyl ether	6.113	45	77002	21.635	ug/l	96
23) Vinyl Acetate	6.058	43	235385	106.437	ug/l	99
24) 1,1-Dichloroethane	6.015	63	43167	21.284	ug/l	99
25) 2-Butanone	6.984	43	51378	103.323	ug/l	100
26) 2,2-Dichloropropane	6.978	77	36547	20.289	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	26183	21.184	ug/l	98
28) Bromochloromethane	7.332	49	16645	22.458	ug/l	99
29) Tetrahydrofuran	7.344	42	32857	109.558	ug/l	100
30) Chloroform	7.503	83	43840	21.884	ug/l	97
31) Cyclohexane	7.783	56	39521	20.175	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	38750	21.389	ug/l	99
36) 1,1-Dichloropropene	7.917	75	33843	20.945	ug/l	99
37) Ethyl Acetate	7.070	43	22901	22.487	ug/l	97
38) Carbon Tetrachloride	7.905	117	35731	21.414	ug/l	99
39) Methylcyclohexane	9.185	83	38310	19.943	ug/l	98
40) Benzene	8.161	78	98202	21.485	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	9726	17.726	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	29808	21.692	ug/l	98
43) Isopropyl Acetate	8.271	43	38433	21.152	ug/l	98
44) Trichloroethene	8.941	130	25905	21.497	ug/l	99
45) 1,2-Dichloropropane	9.216	63	25512	22.086	ug/l	96
46) Dibromomethane	9.307	93	14729	22.382	ug/l	99
47) Bromodichloromethane	9.496	83	33753	21.765	ug/l #	99
48) Methyl methacrylate	9.289	41	17760	21.213	ug/l	98
49) 1,4-Dioxane	9.295	88	4067	478.062	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	108671	110.260	ug/l	99
52) Toluene	10.246	92	61377	22.266	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	35008	21.522	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	39534	21.473	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	20334	22.187	ug/l	98
56) Ethyl methacrylate	10.508	69	25618	20.964	ug/l	100
57) 1,3-Dichloropropane	10.789	76	34593	22.161	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	69779	108.774	ug/l	100
59) 2-Hexanone	10.831	43	78093	109.021	ug/l	99
60) Dibromochloromethane	10.984	129	24746	22.182	ug/l	98
61) 1,2-Dibromoethane	11.087	107	19704	22.319	ug/l	98
64) Tetrachloroethene	10.721	164	22770	21.667	ug/l	98
65) Chlorobenzene	11.514	112	64999	21.457	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	23825	21.255	ug/l	97
67) Ethyl Benzene	11.593	91	111241	20.886	ug/l	98
68) m/p-Xylenes	11.703	106	87895	42.899	ug/l	100
69) o-Xylene	12.032	106	41027	21.455	ug/l	95
70) Styrene	12.044	104	70719	22.162	ug/l	99
71) Bromoform	12.209	173	16324	22.335	ug/l #	97
73) Isopropylbenzene	12.331	105	107744	20.327	ug/l	100
74) N-amyl acetate	12.142	43	32827	19.683	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	25914	21.748	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	32214	36.068	ug/l #	100
77) Bromobenzene	12.611	156	26798	20.811	ug/l	98
78) n-propylbenzene	12.672	91	136173	20.837	ug/l	100
79) 2-Chlorotoluene	12.758	91	73942	20.358	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	91826	20.992	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	8884	20.610	ug/l	99
82) 4-Chlorotoluene	12.855	91	79286	21.088	ug/l	99
83) tert-Butylbenzene	13.075	119	76752	20.328	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	89711	20.973	ug/l	99
85) sec-Butylbenzene	13.251	105	119652	20.773	ug/l	99
86) p-Isopropyltoluene	13.367	119	97033	20.612	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	52950	21.321	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	53259	21.012	ug/l	98
89) n-Butylbenzene	13.697	91	90797	20.148	ug/l	100
90) Hexachloroethane	13.959	117	20172	20.574	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	47714	21.253	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4086	21.218	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	27218	19.691	ug/l	99
94) Hexachlorobutadiene	15.111	225	16574	19.659	ug/l	96
95) Naphthalene	15.239	128	52876	19.089	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	24515	19.942	ug/l	100

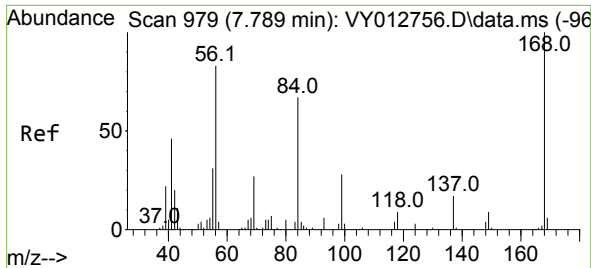
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
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Response via : Initial Calibration

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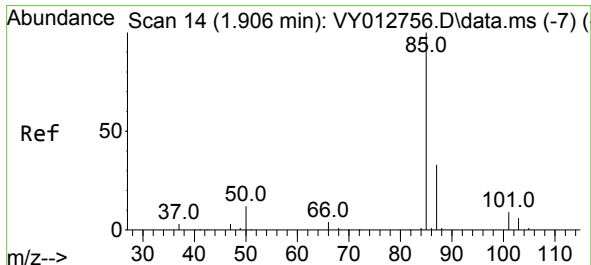
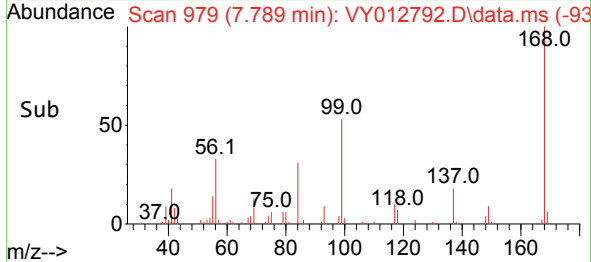
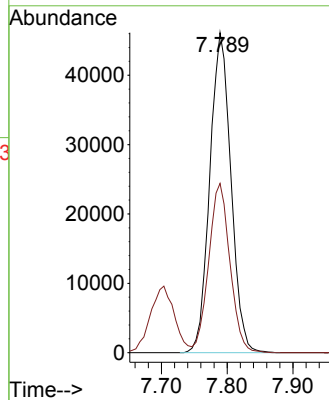
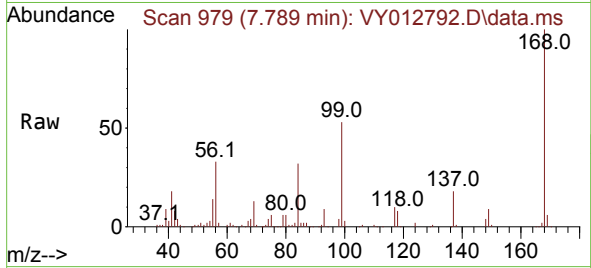
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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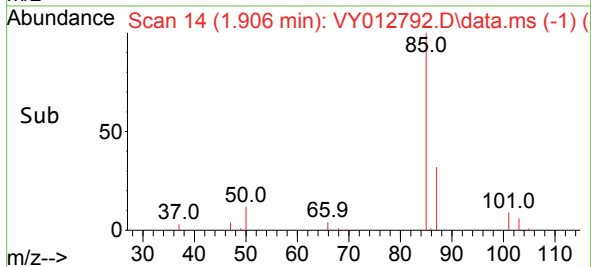
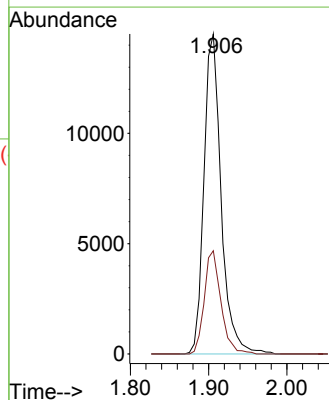
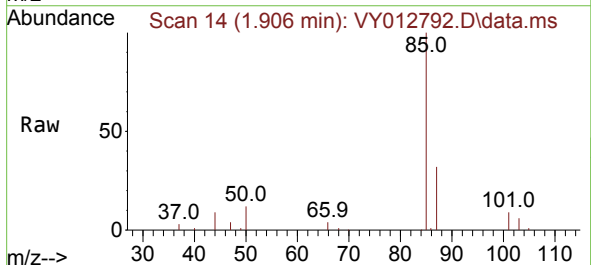
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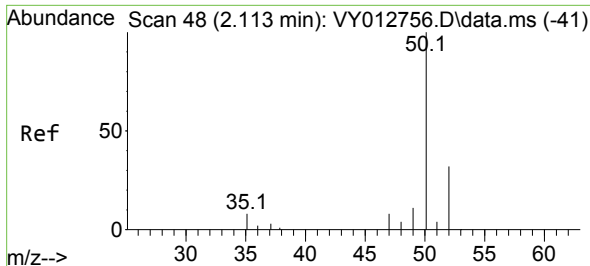
Tgt Ion:168 Resp: 103018
Ion Ratio Lower Upper
168 100
99 52.9 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 21.749 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion: 85 Resp: 22084
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.0

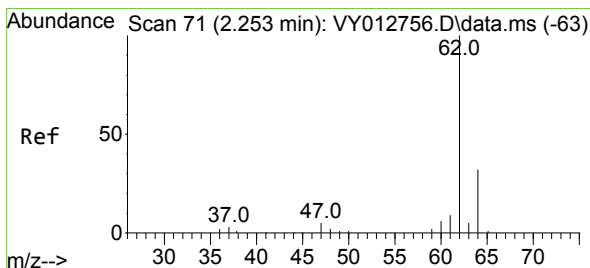
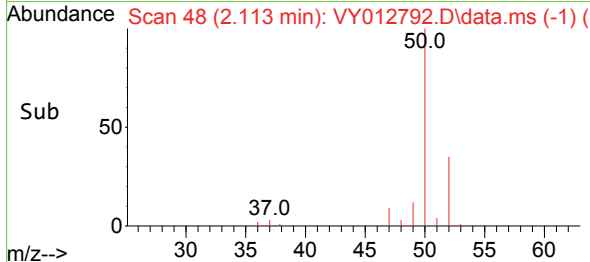
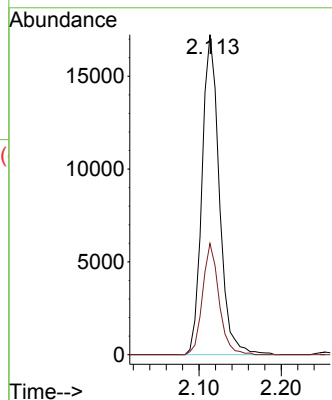
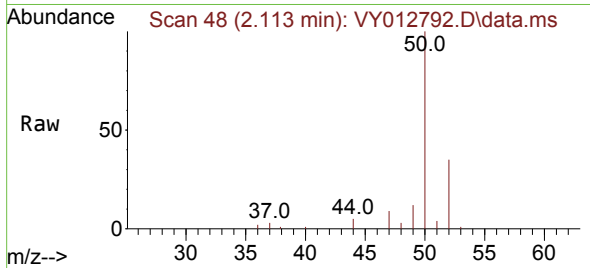




#3
Chloromethane
Concen: 20.756 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

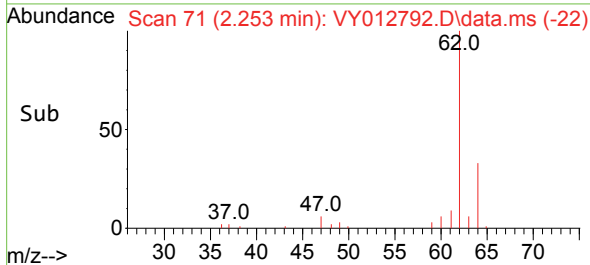
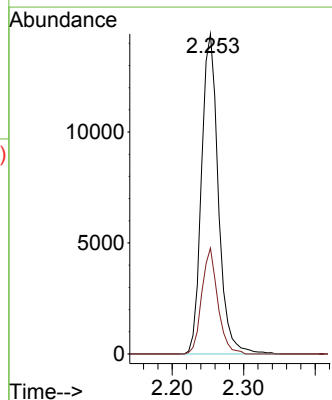
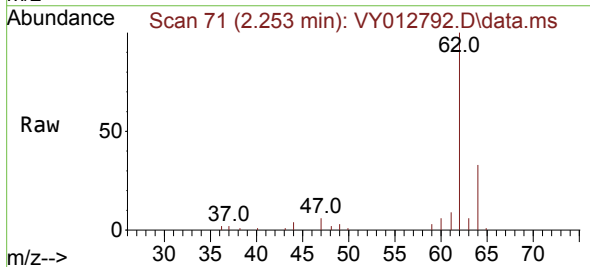
Instrument :
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VY0303SBSD02

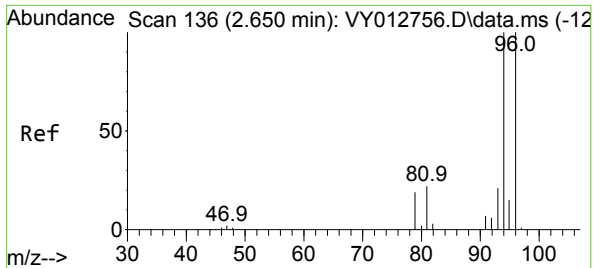
Tgt Ion: 50 Resp: 25196
Ion Ratio Lower Upper
50 100
52 34.8 26.0 39.0



#4
Vinyl Chloride
Concen: 21.153 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion: 62 Resp: 23546
Ion Ratio Lower Upper
62 100
64 33.1 25.6 38.4

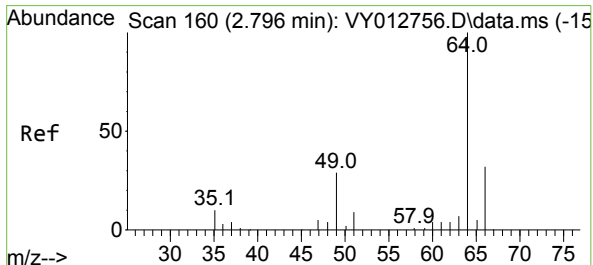
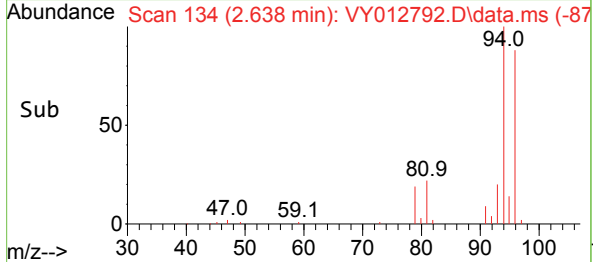
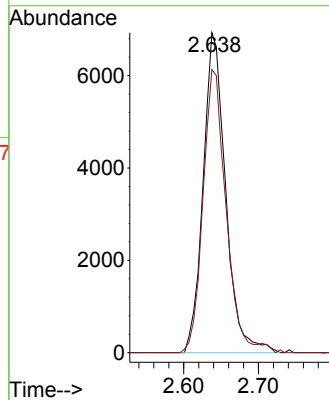
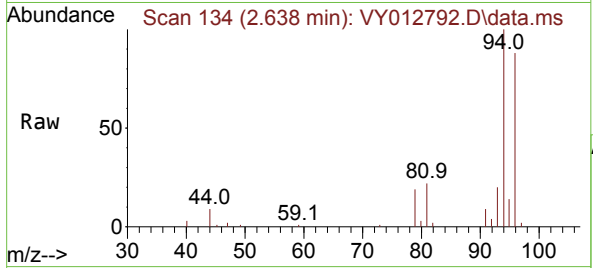




#5
Bromomethane
Concen: 21.454 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

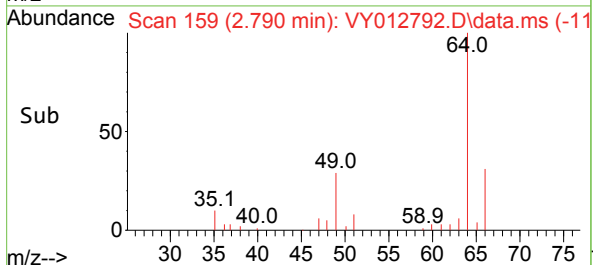
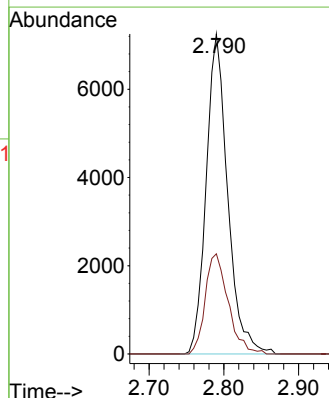
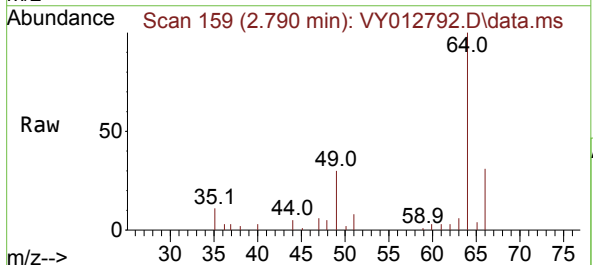
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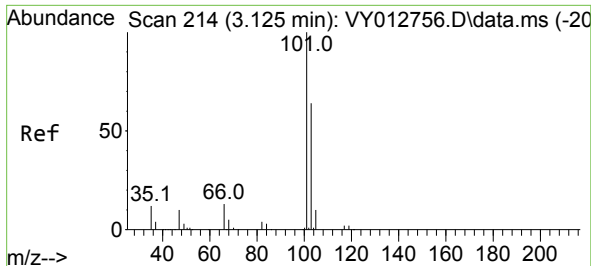
Tgt Ion: 94 Resp: 14511
Ion Ratio Lower Upper
94 100
96 88.4 80.3 120.5



#6
Chloroethane
Concen: 21.706 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion: 64 Resp: 14470
Ion Ratio Lower Upper
64 100
66 31.3 25.7 38.5

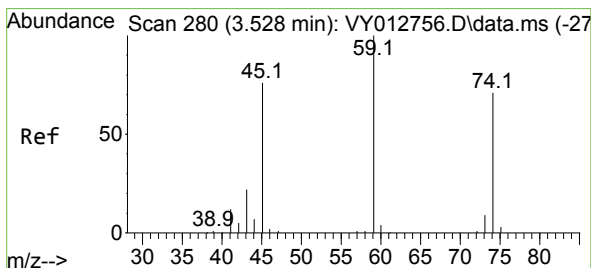
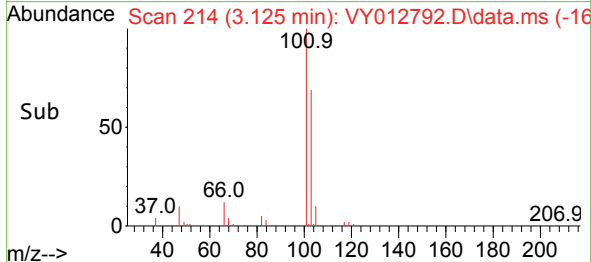
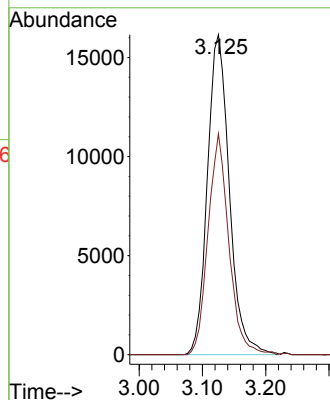
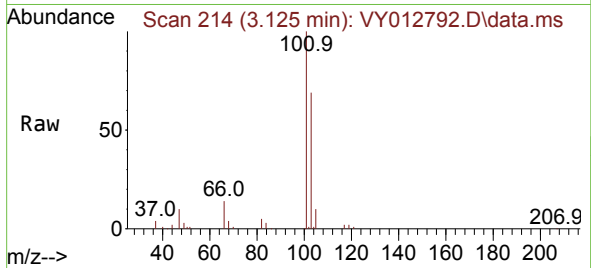




#7
 Trichlorofluoromethane
 Concen: 21.100 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012792.D
 Acq: 03 Mar 2023 13:48

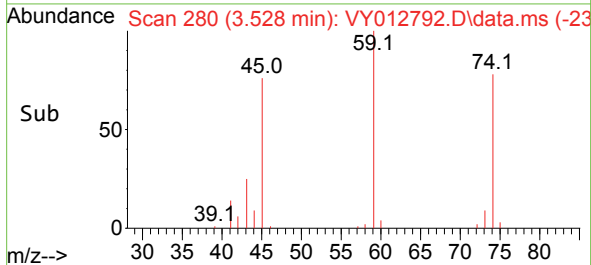
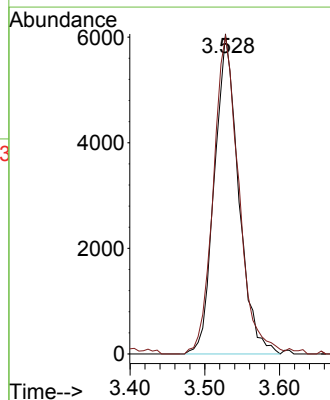
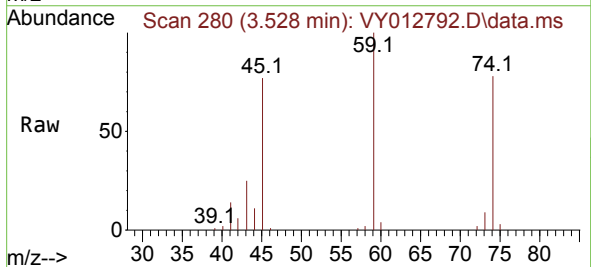
Instrument :
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 ClientSampleId :
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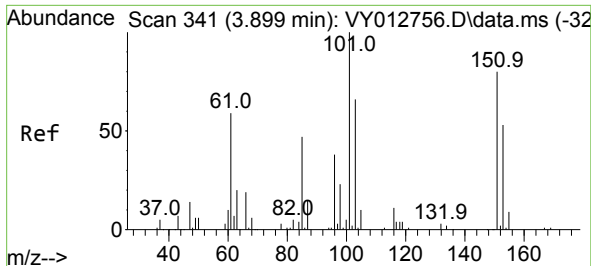
Tgt Ion:101 Resp: 39009
 Ion Ratio Lower Upper
 101 100
 103 69.1 51.5 77.3



#8
 Diethyl Ether
 Concen: 20.992 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY012792.D
 Acq: 03 Mar 2023 13:48

Tgt Ion: 74 Resp: 13600
 Ion Ratio Lower Upper
 74 100
 45 105.3 52.1 156.4

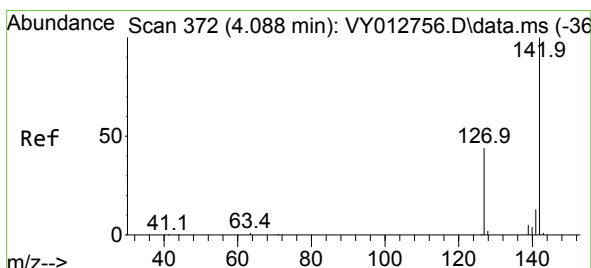
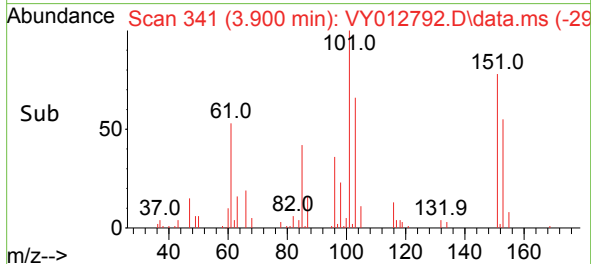
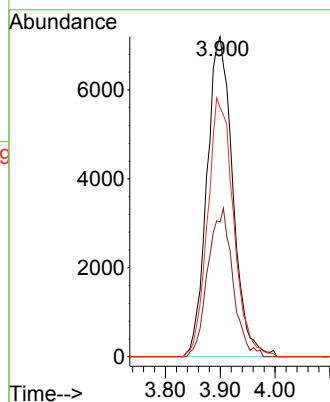
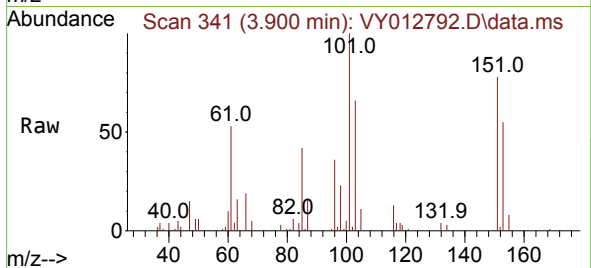




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.135 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.001 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

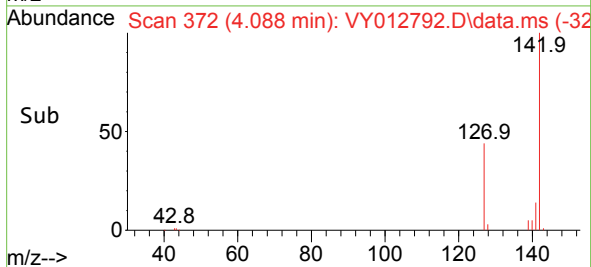
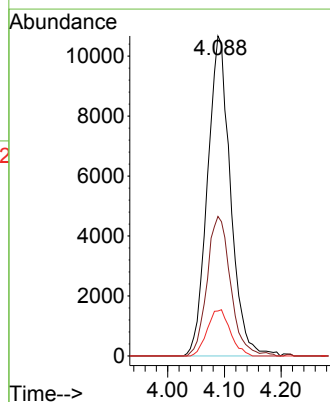
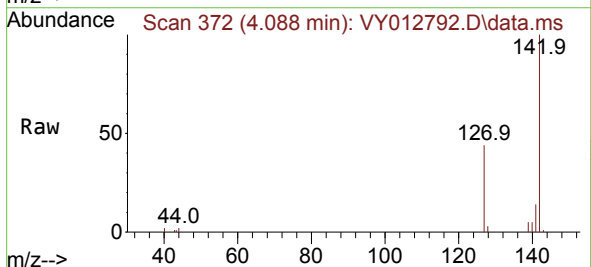
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS02

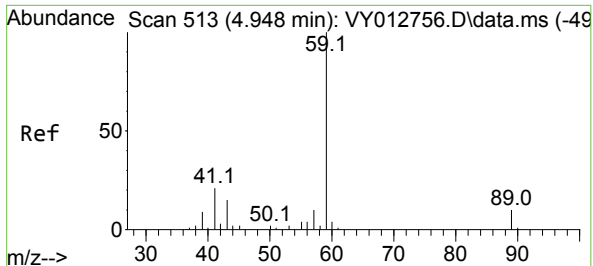
Tgt Ion:101 Resp: 23508
Ion Ratio Lower Upper
101 100
85 44.8 35.3 52.9
151 81.2 63.1 94.7



#10
Methyl Iodide
Concen: 20.758 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion:142 Resp: 30084
Ion Ratio Lower Upper
142 100
127 44.7 35.4 53.2
141 14.5 11.3 16.9

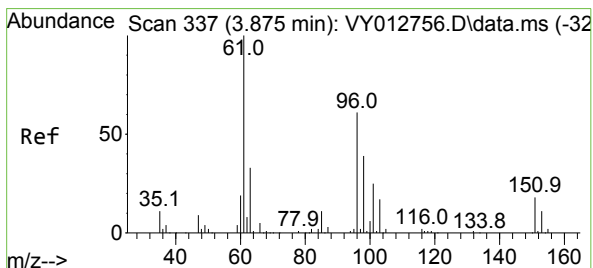
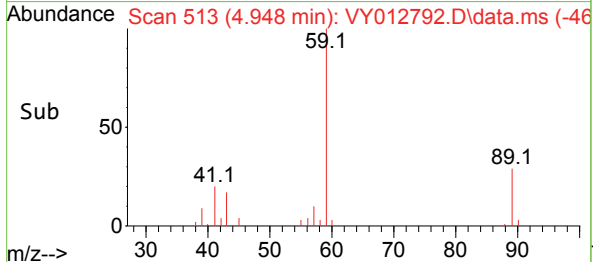
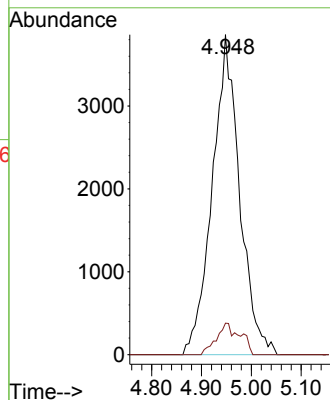
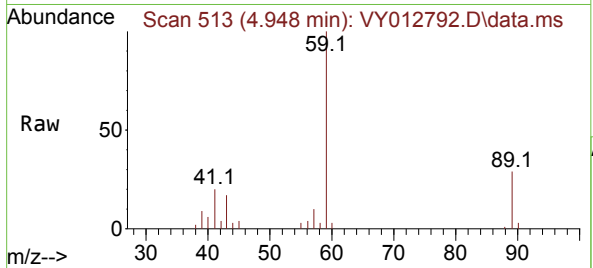




#11
Tert butyl alcohol
Concen: 114.051 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

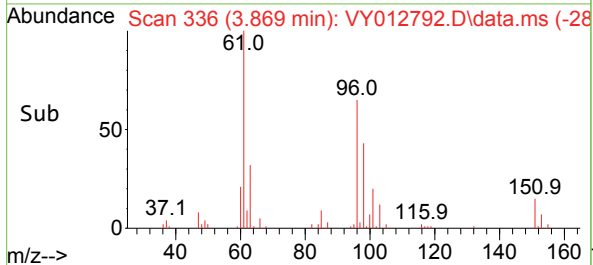
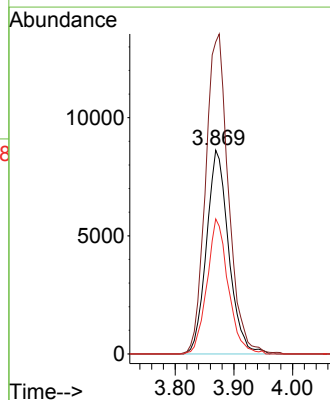
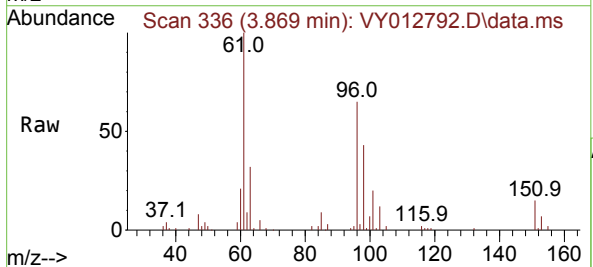
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS02

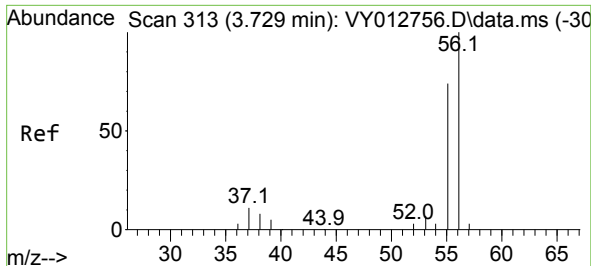
Tgt Ion: 59 Resp: 14705
Ion Ratio Lower Upper
59 100
57 8.5 7.7 11.5



#12
1,1-Dichloroethene
Concen: 21.371 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion: 96 Resp: 22671
Ion Ratio Lower Upper
96 100
61 153.1 131.7 197.5
98 66.3 52.0 78.0





#13

Acrolein

Concen: 106.150 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

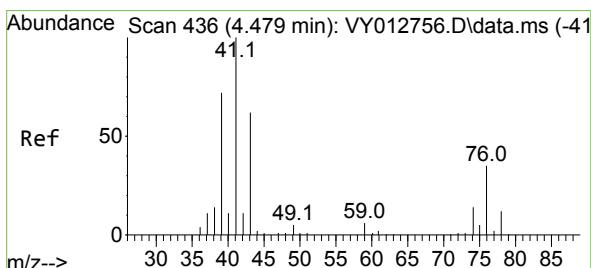
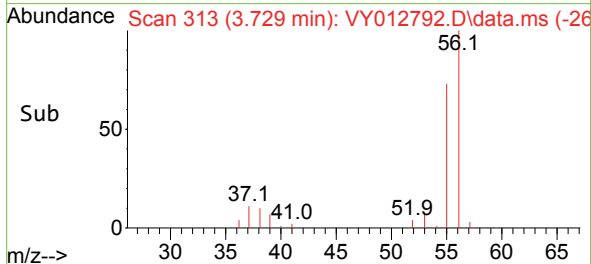
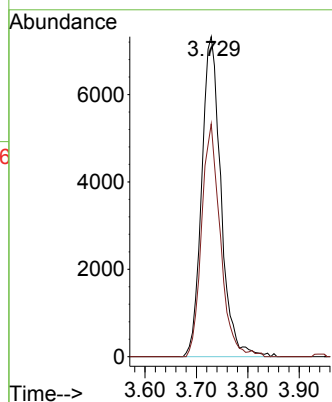
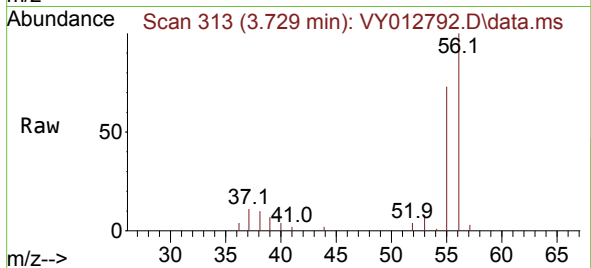
VY0303SBS02

Tgt Ion: 56 Resp: 19022

Ion Ratio Lower Upper

56 100

55 70.8 56.8 85.2



#14

Allyl chloride

Concen: 19.933 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

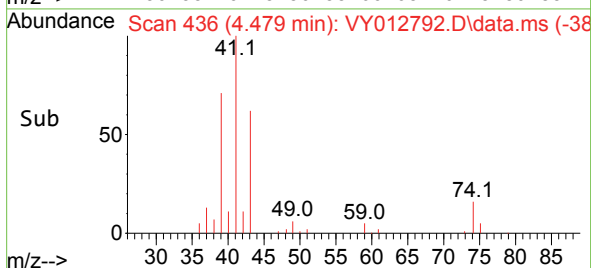
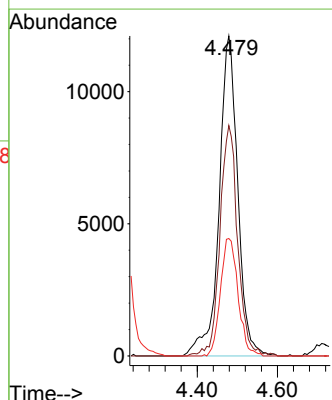
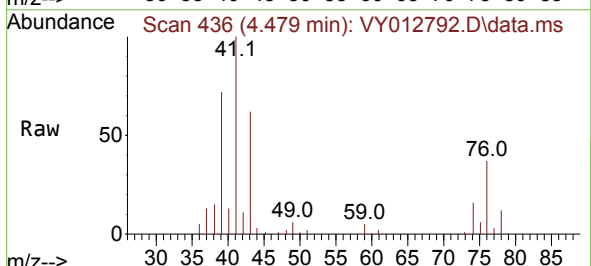
Tgt Ion: 41 Resp: 39060

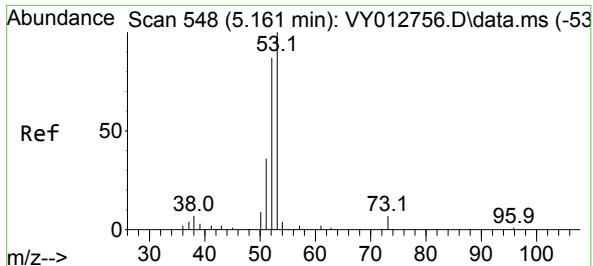
Ion Ratio Lower Upper

41 100

39 68.6 53.6 80.4

76 34.7 27.2 40.8

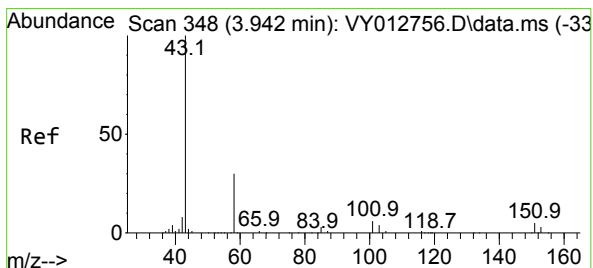
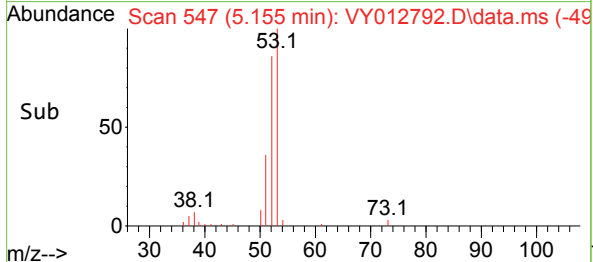
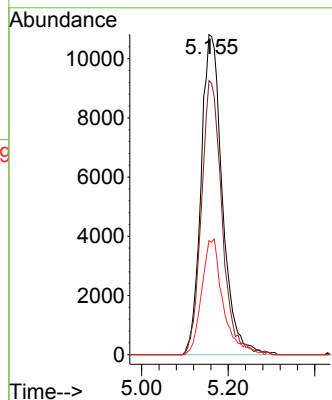
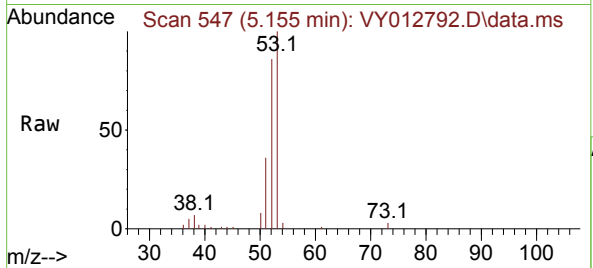




#15
Acrylonitrile
Concen: 108.302 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

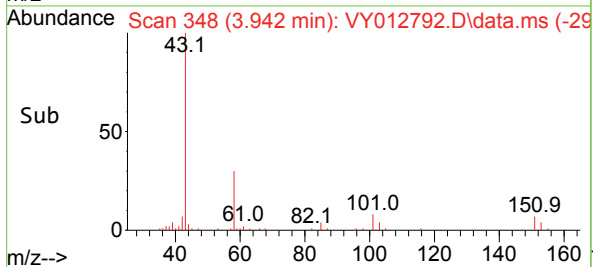
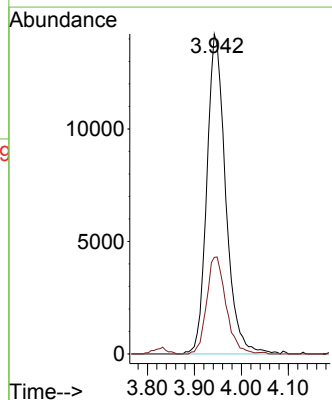
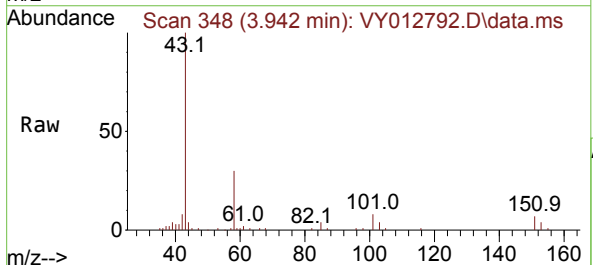
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS02

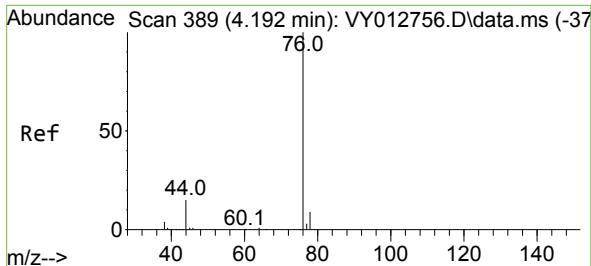
Tgt Ion: 53	Resp: 36971
Ion Ratio	Lower Upper
53	100
52	82.8 66.3 99.5
51	36.2 28.8 43.2



#16
Acetone
Concen: 98.398 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion: 43	Resp: 39504
Ion Ratio	Lower Upper
43	100
58	30.2 24.2 36.2

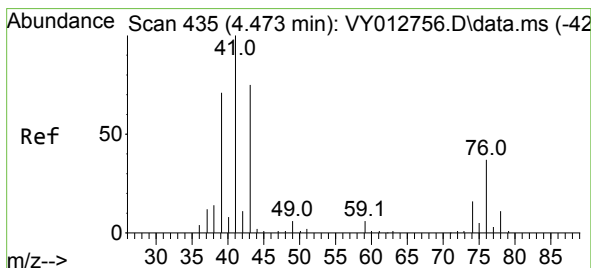
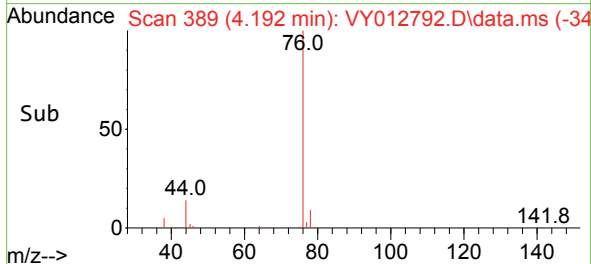
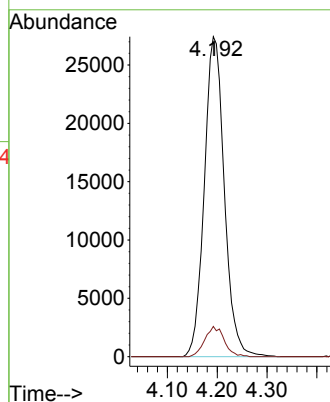
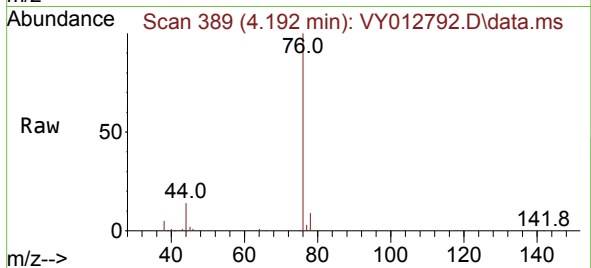




#17
Carbon Disulfide
Concen: 21.185 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

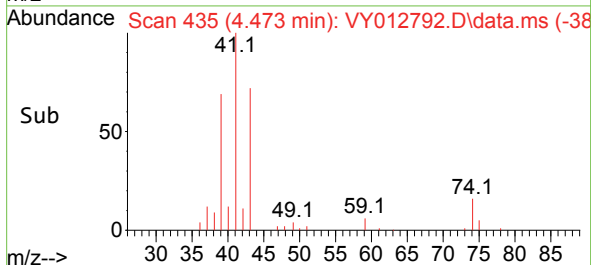
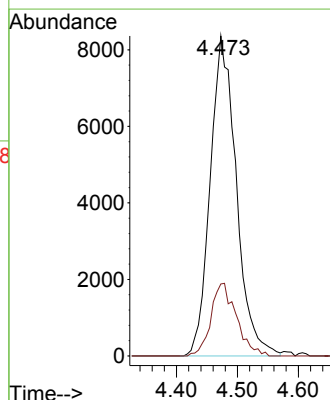
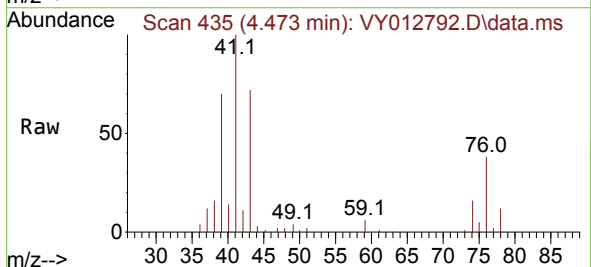
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBSD02

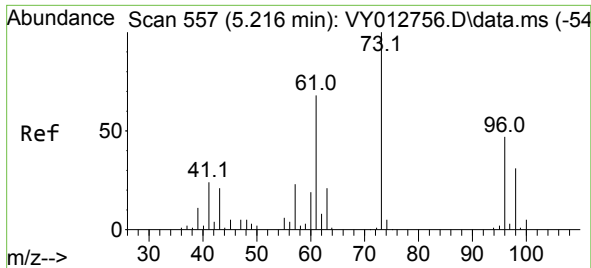
Tgt Ion: 76 Resp: 76498
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 20.850 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion: 43 Resp: 24928
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.0

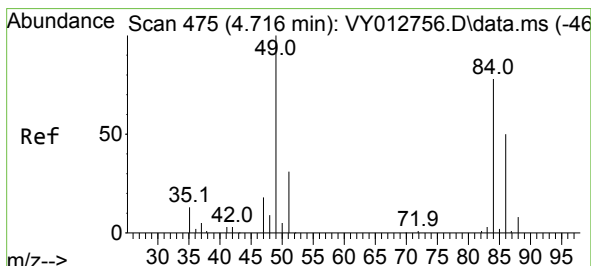
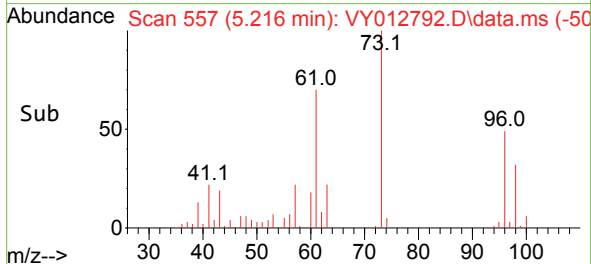
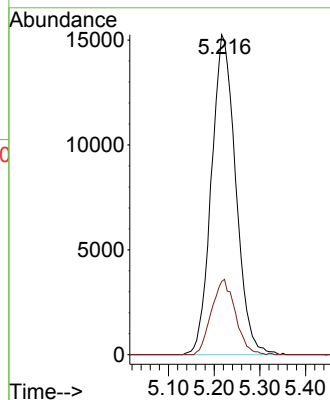
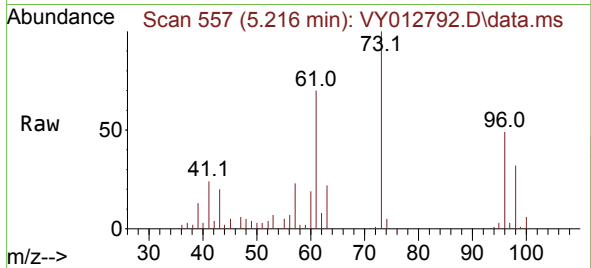




#19
Methyl tert-butyl Ether
Concen: 20.564 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

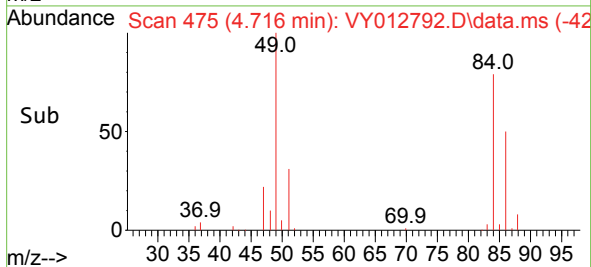
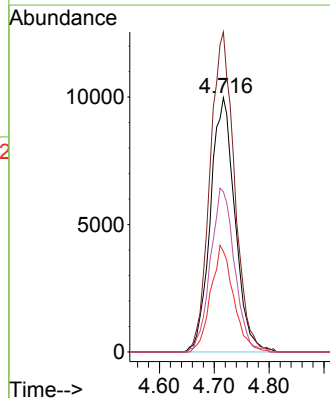
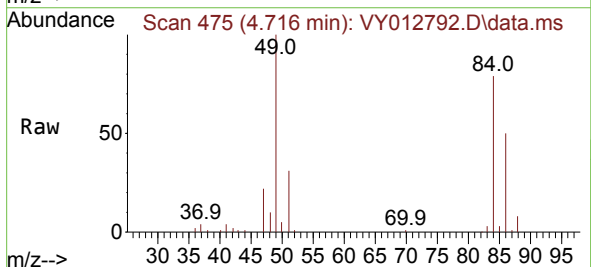
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS02

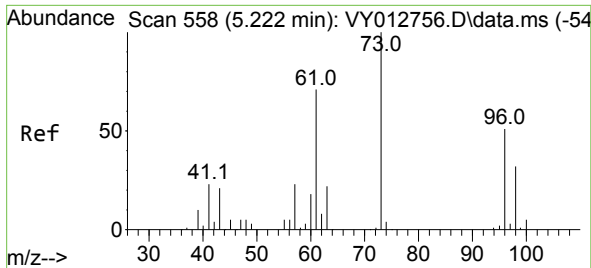
Tgt Ion: 73 Resp: 56348
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5



#20
Methylene Chloride
Concen: 22.313 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion: 84 Resp: 30981
Ion Ratio Lower Upper
84 100
49 125.9 102.6 154.0
51 39.5 31.9 47.9
86 63.0 51.0 76.6

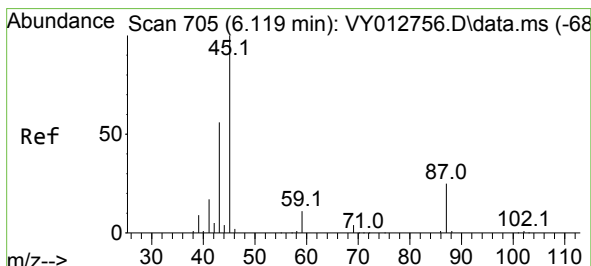
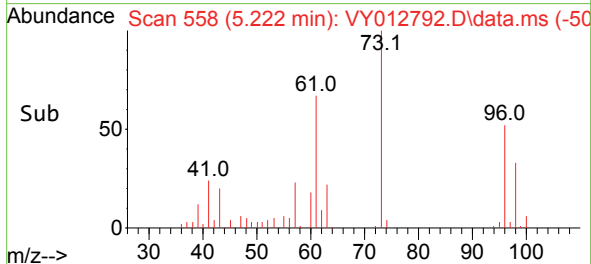
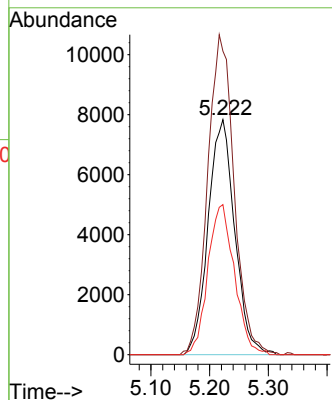
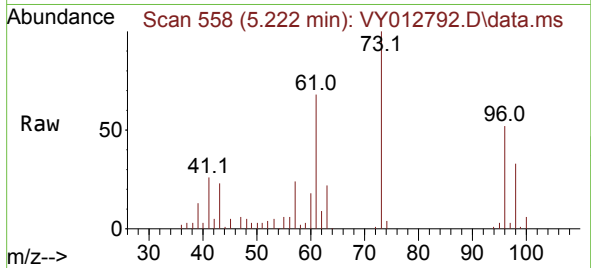




#21
trans-1,2-Dichloroethene
Concen: 21.387 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

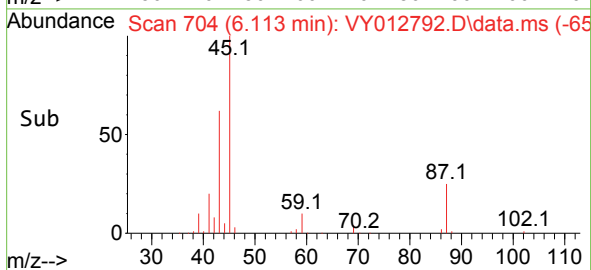
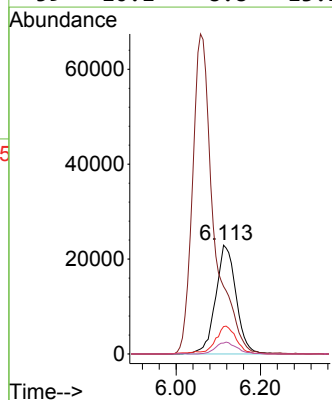
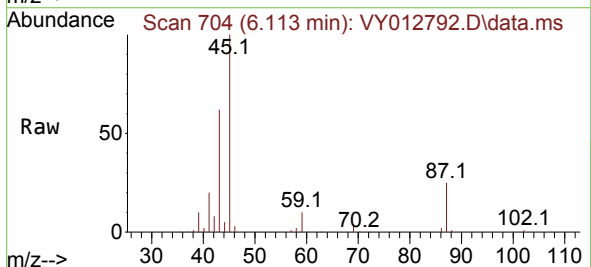
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS02

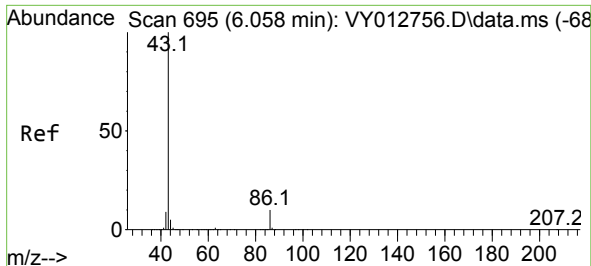
Tgt Ion: 96 Resp: 24656
Ion Ratio Lower Upper
96 100
61 129.1 111.4 167.0
98 63.8 50.8 76.2



#22
Diisopropyl ether
Concen: 21.635 ug/l
RT: 6.113 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion: 45 Resp: 77002
Ion Ratio Lower Upper
45 100
43 61.1 45.0 67.6
87 25.1 20.3 30.5
59 10.1 8.8 13.2

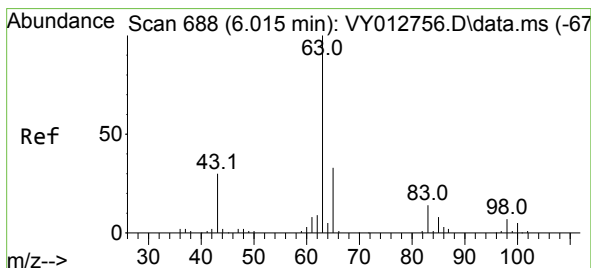
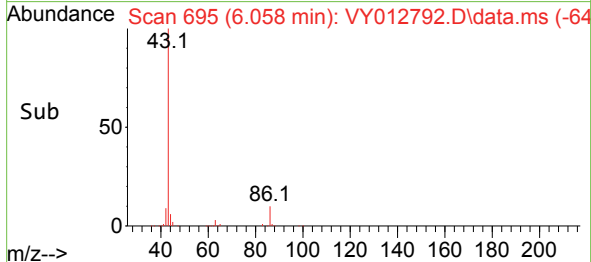
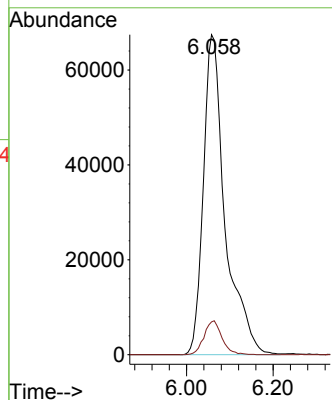
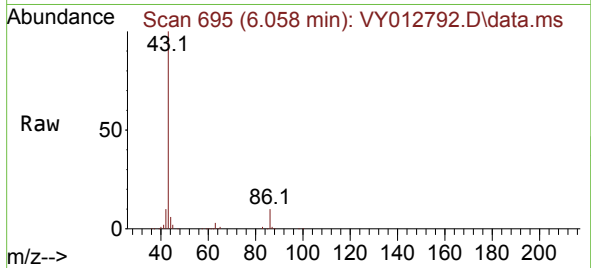




#23
 Vinyl Acetate
 Concen: 106.437 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012792.D
 Acq: 03 Mar 2023 13:48

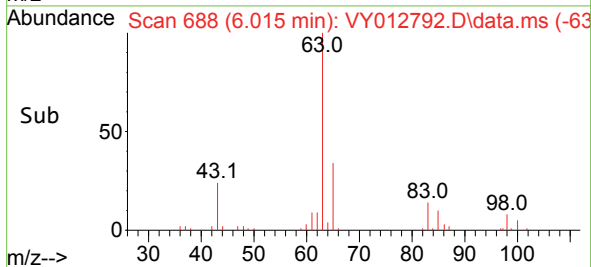
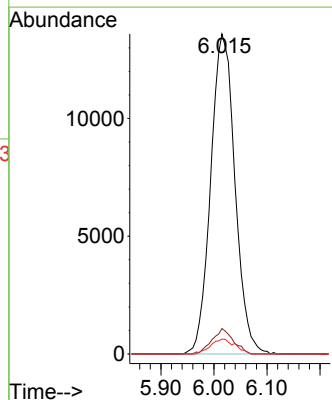
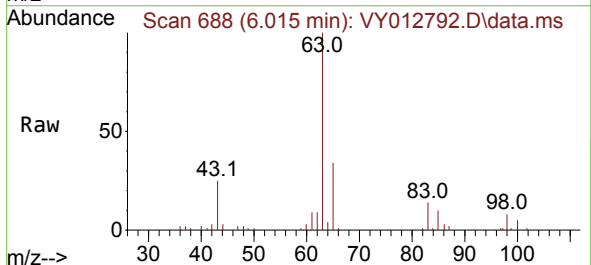
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS02

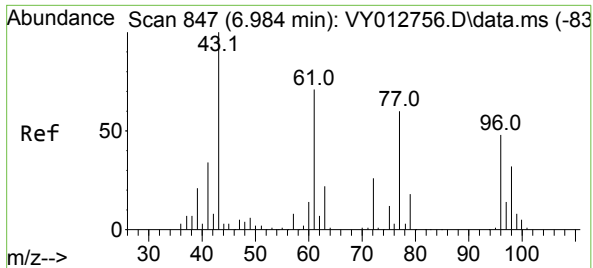
Tgt Ion: 43 Resp: 235385
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 21.284 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012792.D
 Acq: 03 Mar 2023 13:48

Tgt Ion: 63 Resp: 43167
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.7 11.1
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 103.323 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

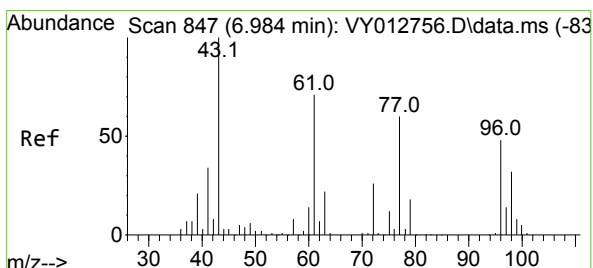
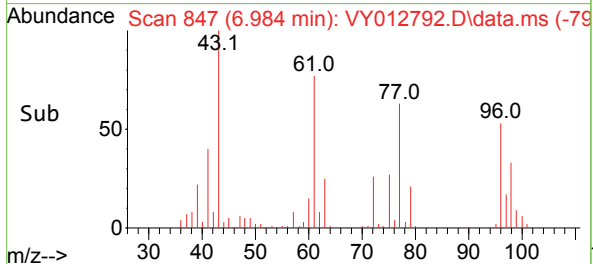
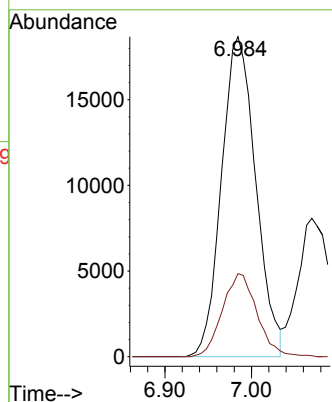
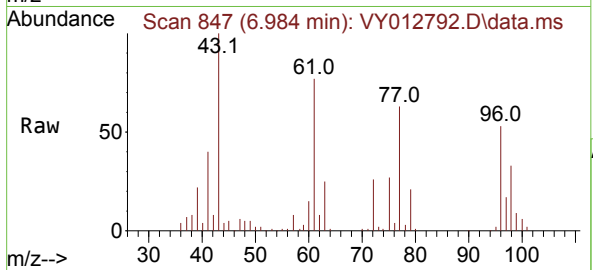
VY0303SBSD02

Tgt Ion: 43 Resp: 51378

Ion Ratio Lower Upper

43 100

72 26.0 21.0 31.4



#26

2,2-Dichloropropane

Concen: 20.289 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012792.D

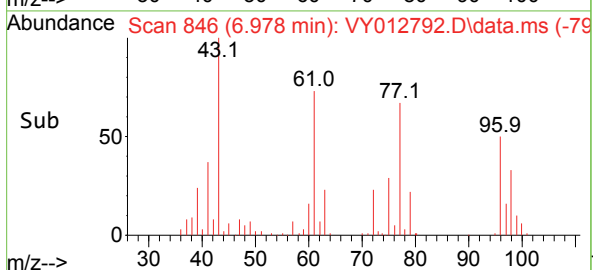
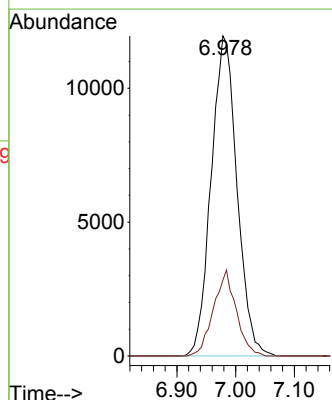
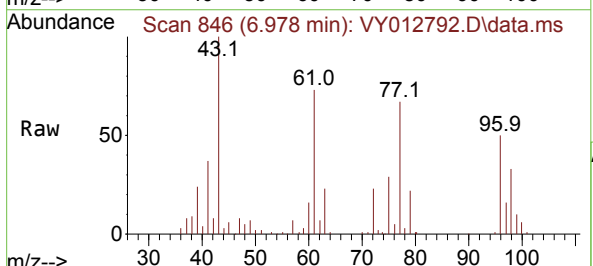
Acq: 03 Mar 2023 13:48

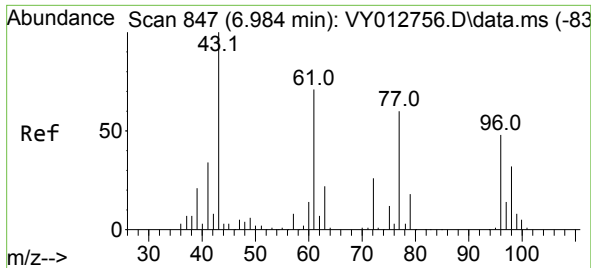
Tgt Ion: 77 Resp: 36547

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0



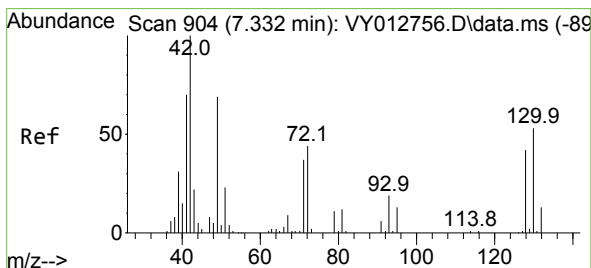
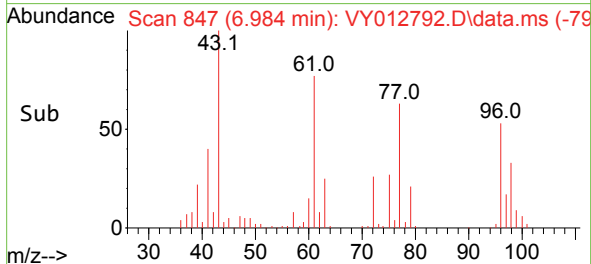
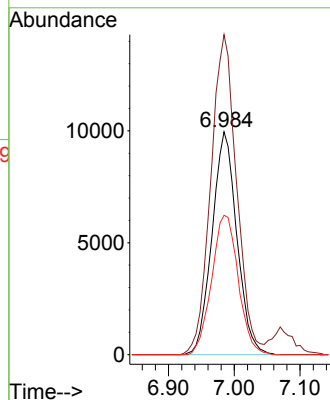
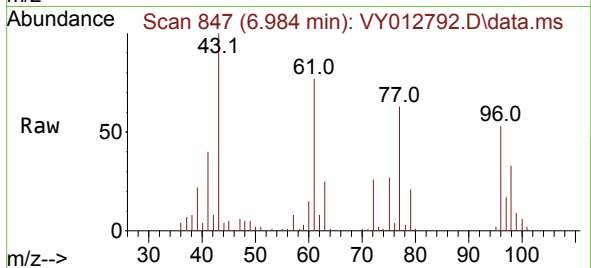


#27
 cis-1,2-Dichloroethene
 Concen: 21.184 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012792.D
 Acq: 03 Mar 2023 13:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS02

Tgt Ion: 96 Resp: 26183

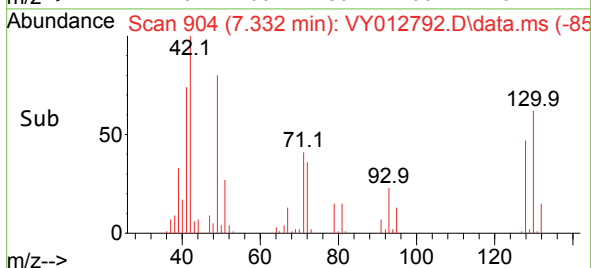
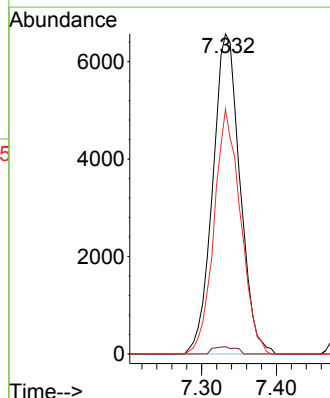
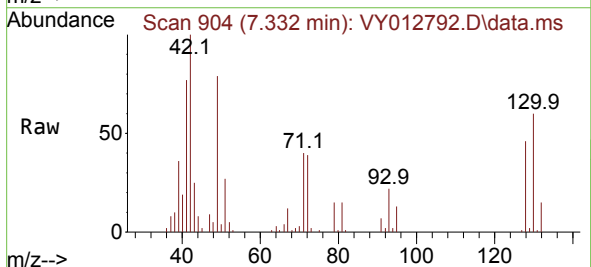
Ion	Ratio	Lower	Upper
96	100		
61	149.4	0.0	295.8
98	66.9	0.0	130.2

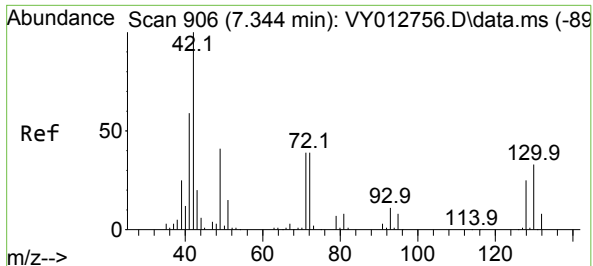


#28
 Bromochloromethane
 Concen: 22.458 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012792.D
 Acq: 03 Mar 2023 13:48

Tgt Ion: 49 Resp: 16645

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	74.3	60.5	90.7





#29

Tetrahydrofuran

Concen: 109.558 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS02

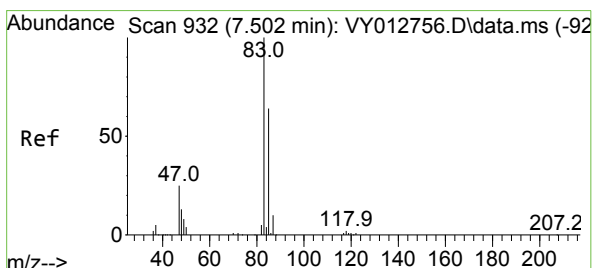
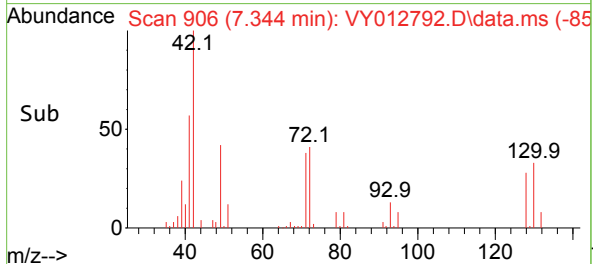
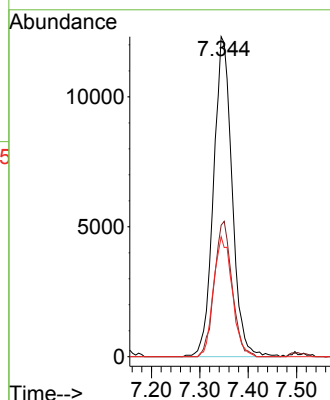
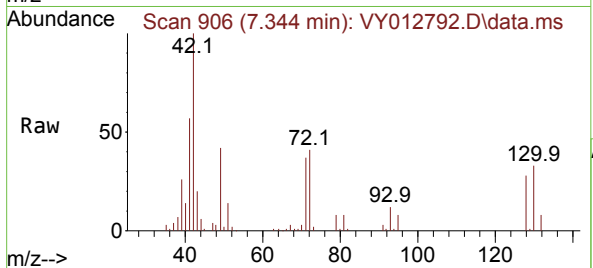
Tgt Ion: 42 Resp: 32857

Ion Ratio Lower Upper

42 100

72 40.6 32.3 48.5

71 37.5 30.3 45.5



#30

Chloroform

Concen: 21.884 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY012792.D

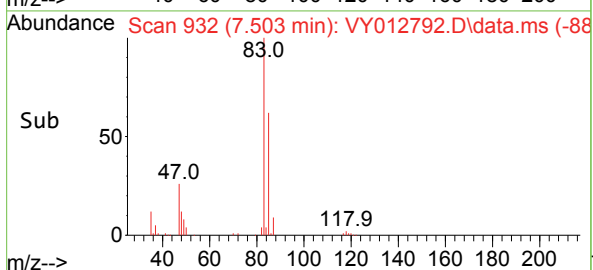
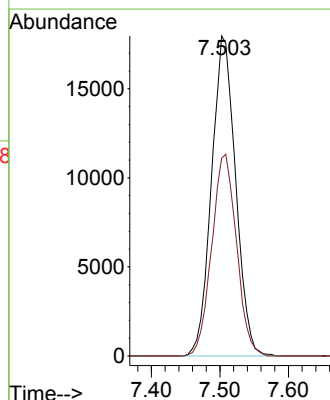
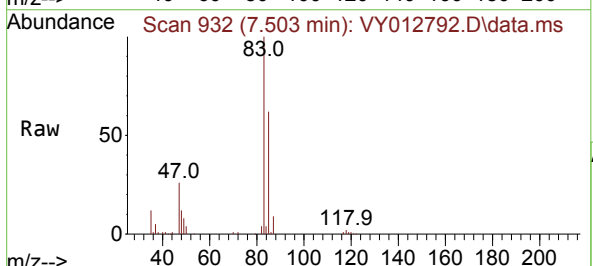
Acq: 03 Mar 2023 13:48

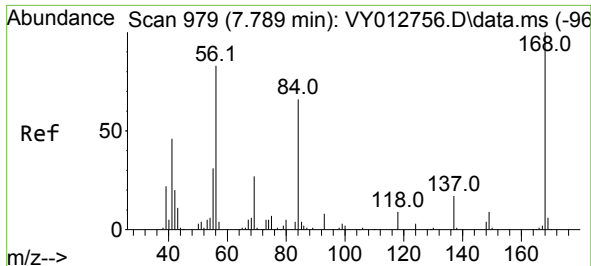
Tgt Ion: 83 Resp: 43840

Ion Ratio Lower Upper

83 100

85 61.8 51.4 77.0





#31

Cyclohexane

Concen: 20.175 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS02

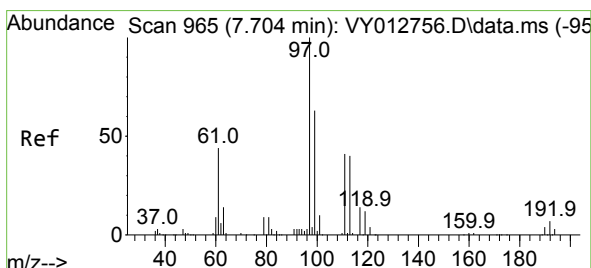
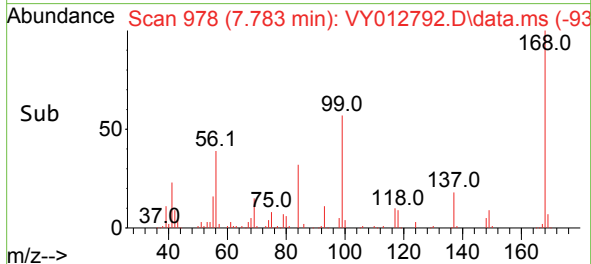
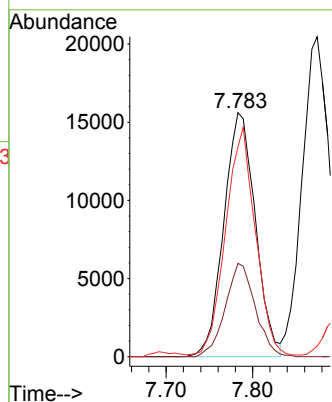
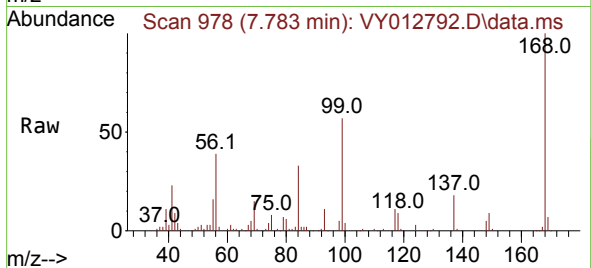
Tgt Ion: 56 Resp: 39521

Ion Ratio Lower Upper

56 100

69 38.2 25.7 38.5

84 84.8 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 21.389 ug/l

RT: 7.698 min Scan# 964

Delta R.T. -0.006 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

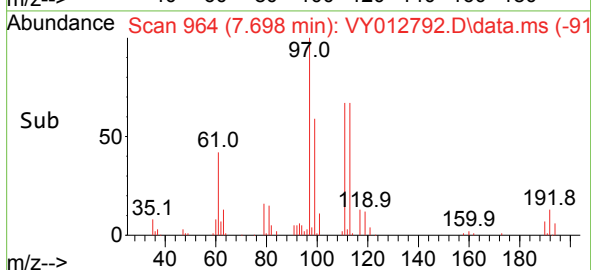
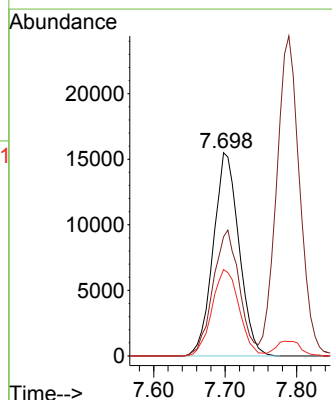
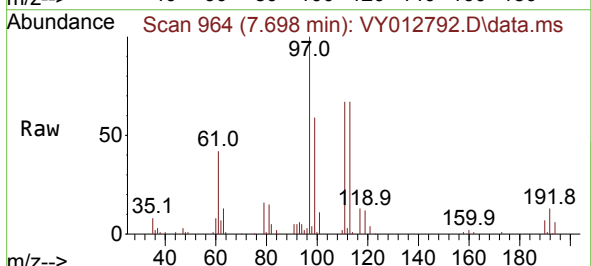
Tgt Ion: 97 Resp: 38750

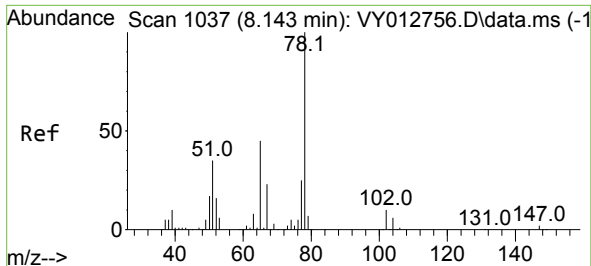
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.6

61 45.0 34.5 51.7

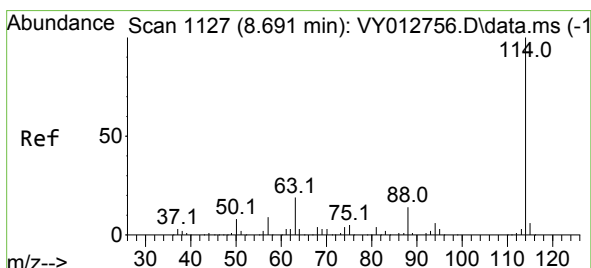
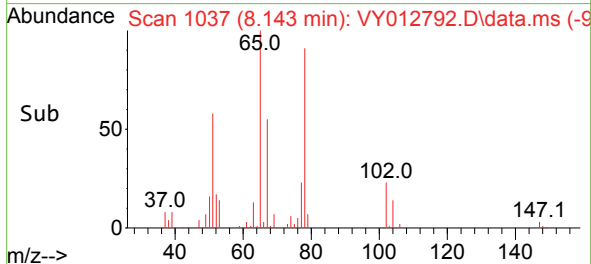
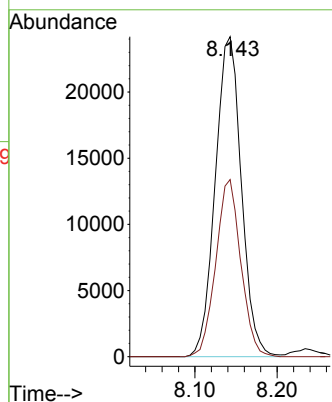
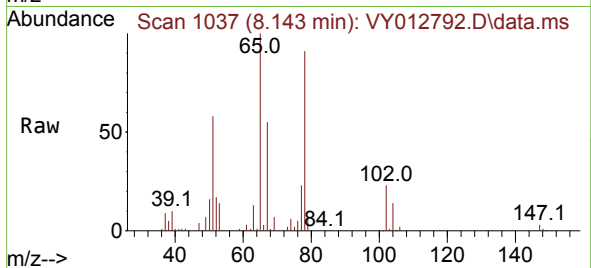




#33
1,2-Dichloroethane-d4
Concen: 52.235 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

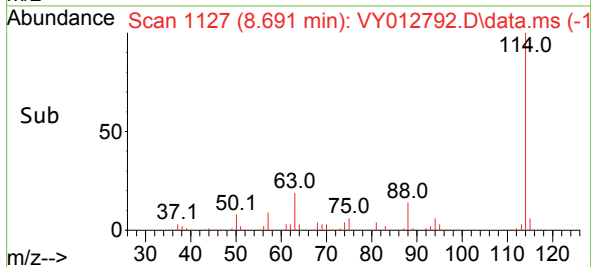
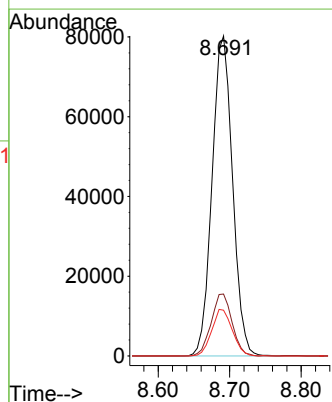
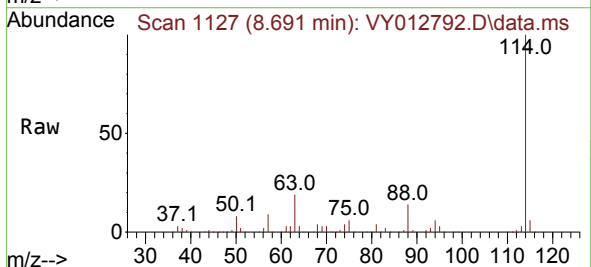
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS02

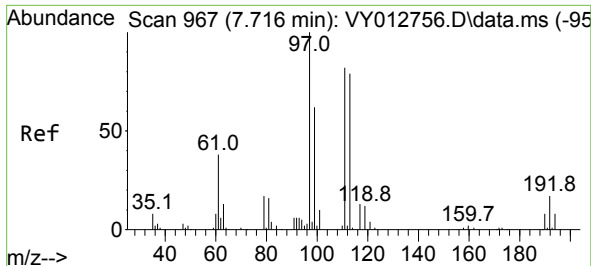
Tgt Ion: 65 Resp: 53428
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion: 114 Resp: 159769
Ion Ratio Lower Upper
114 100
63 19.4 0.0 37.4
88 14.3 0.0 28.6

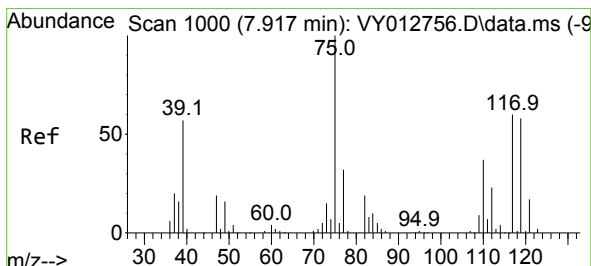
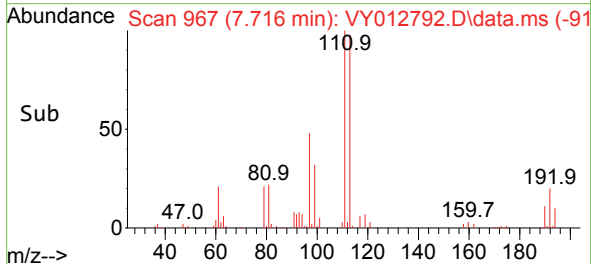
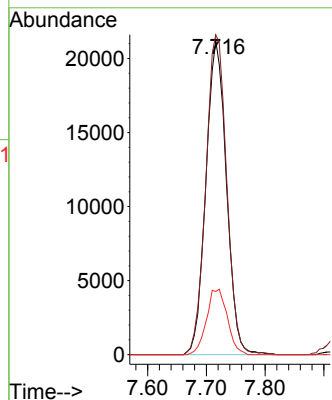
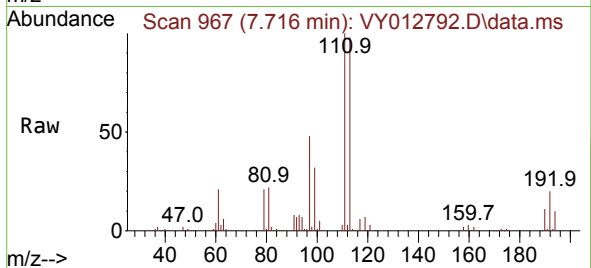




#35
Dibromofluoromethane
Concen: 53.395 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

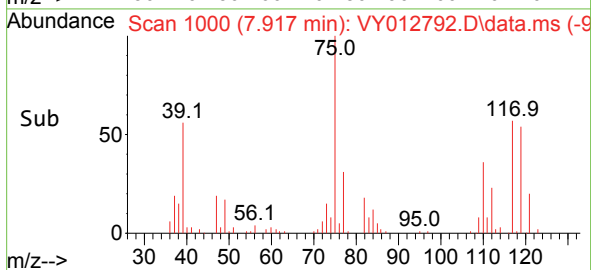
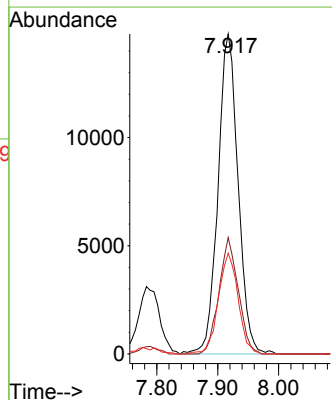
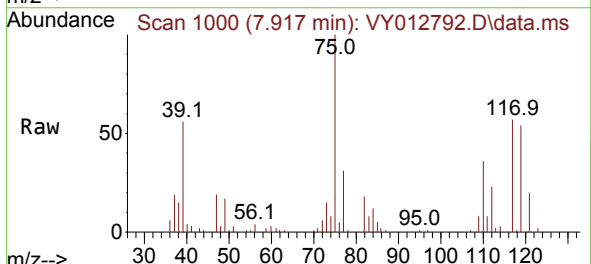
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBSD02

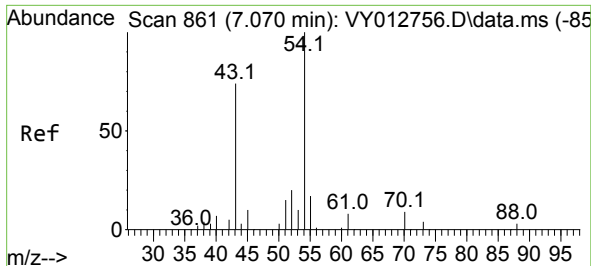
Tgt Ion:113 Resp: 51484
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 21.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.945 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion: 75 Resp: 33843
Ion Ratio Lower Upper
75 100
110 34.9 17.8 53.3
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 22.487 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS02

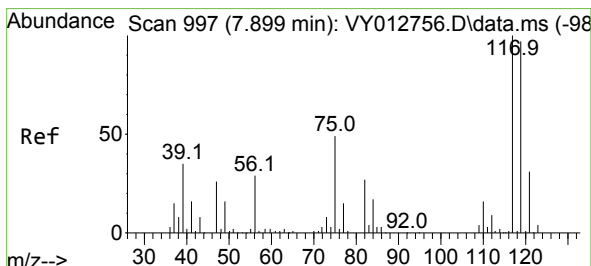
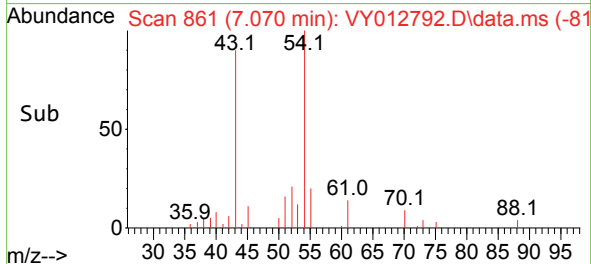
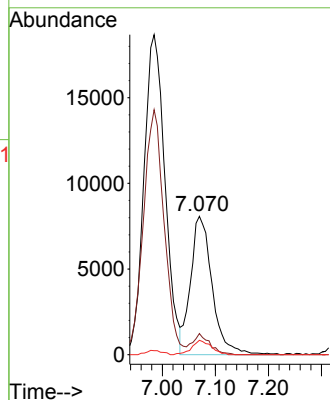
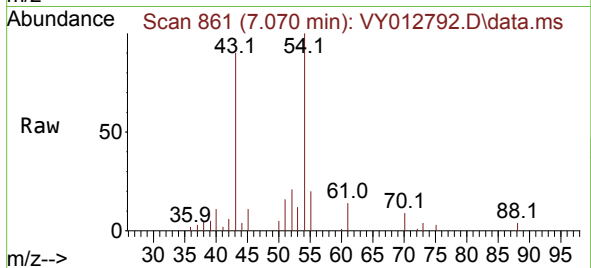
Tgt Ion: 43 Resp: 22901

Ion Ratio Lower Upper

43 100

61 12.1 10.7 16.1

70 9.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 21.414 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

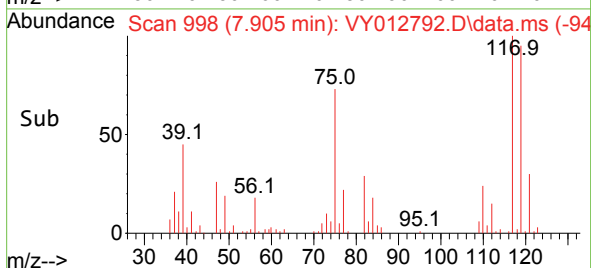
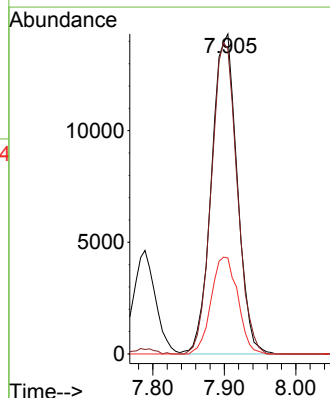
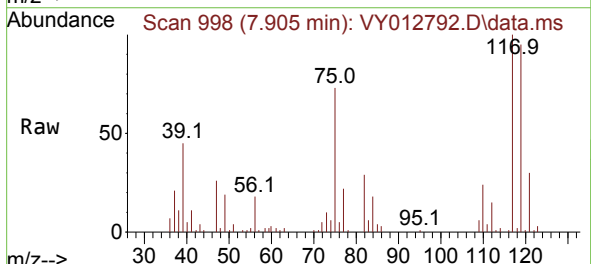
Tgt Ion: 117 Resp: 35731

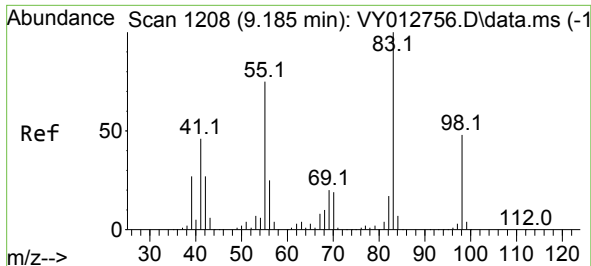
Ion Ratio Lower Upper

117 100

119 95.2 77.2 115.8

121 30.0 24.7 37.1





#39

Methylcyclohexane

Concen: 19.943 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS02

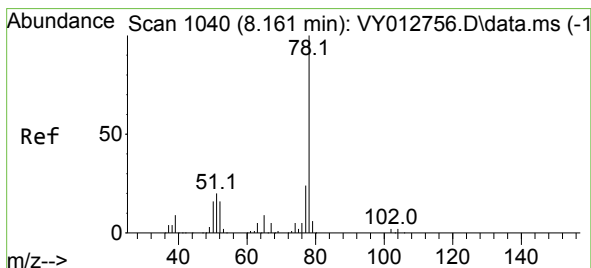
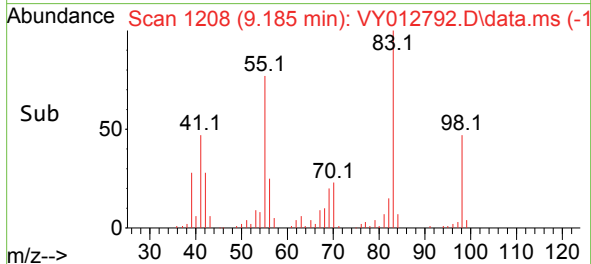
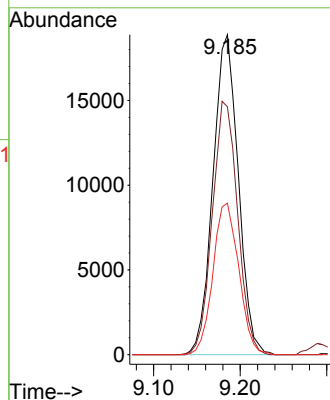
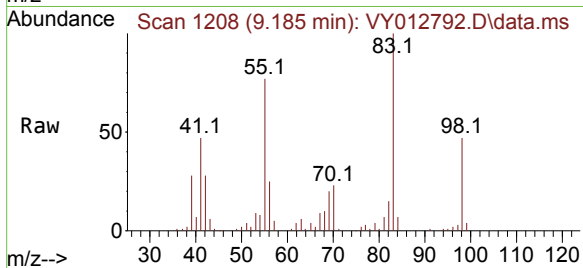
Tgt Ion: 83 Resp: 38310

Ion Ratio Lower Upper

83 100

55 77.4 60.0 90.0

98 47.3 38.3 57.5



#40

Benzene

Concen: 21.485 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012792.D

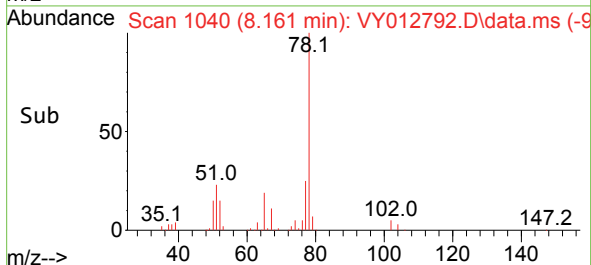
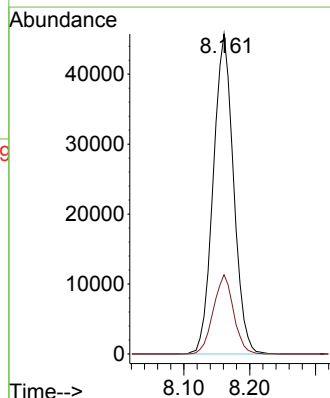
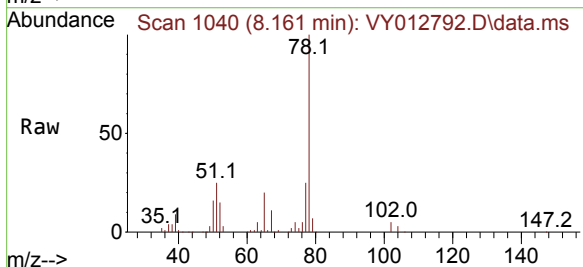
Acq: 03 Mar 2023 13:48

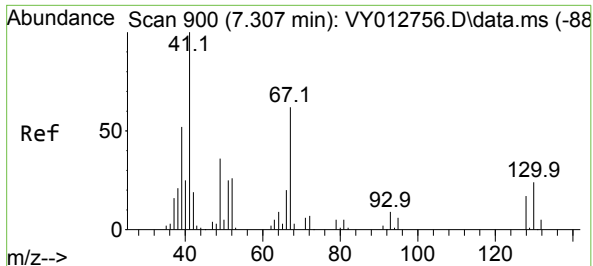
Tgt Ion: 78 Resp: 98202

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.0

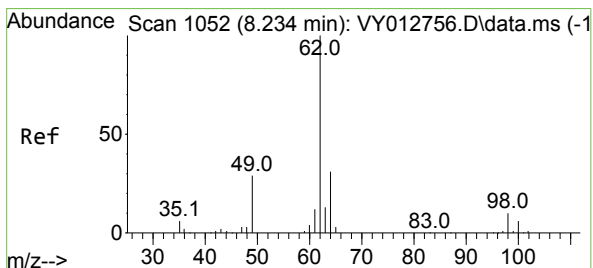
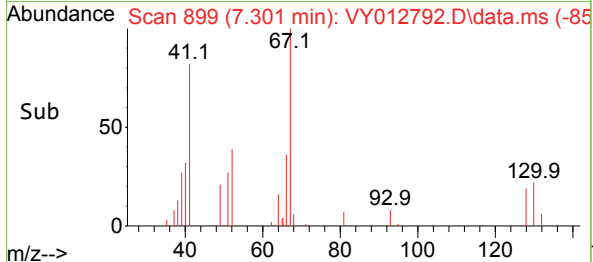
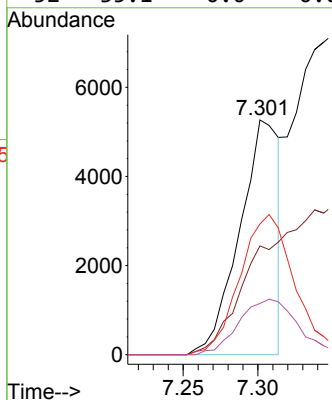
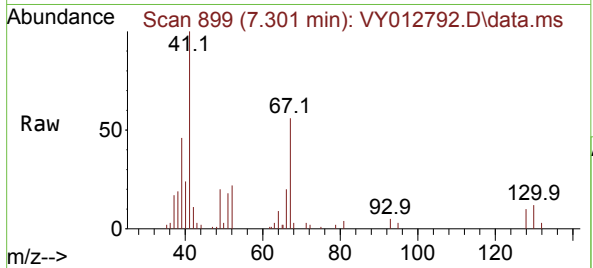




#41
Methacrylonitrile
Concen: 17.726 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

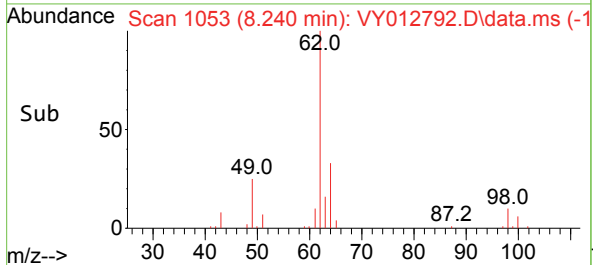
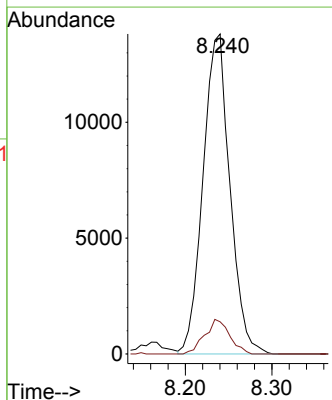
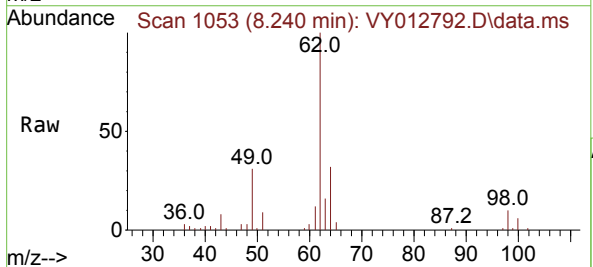
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS02

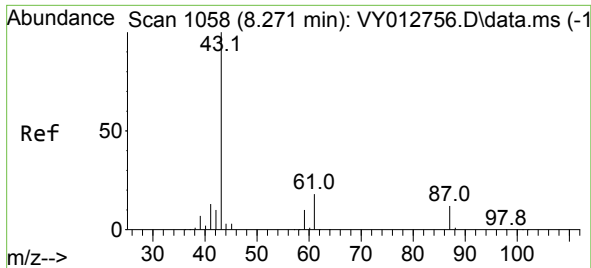
Tgt Ion:	41	Resp:	9726
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	82.0	0.0	0.0#
52	35.1	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 21.692 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion:	62	Resp:	29808
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	18.8

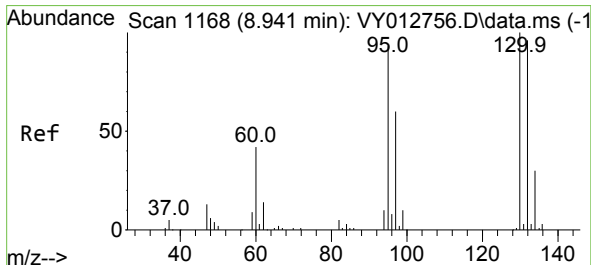
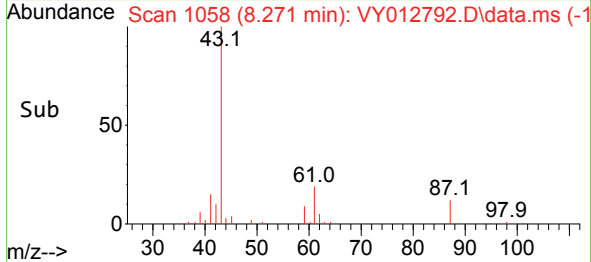
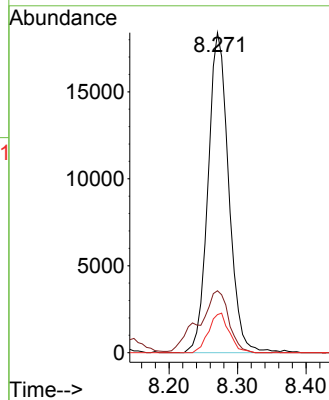
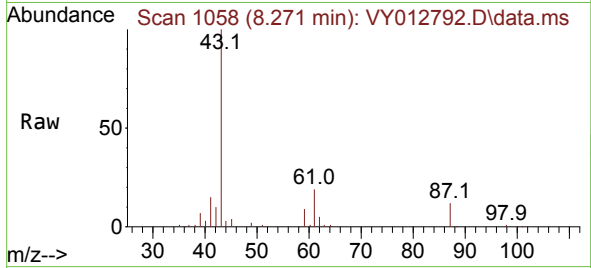




#43
Isopropyl Acetate
Concen: 21.152 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

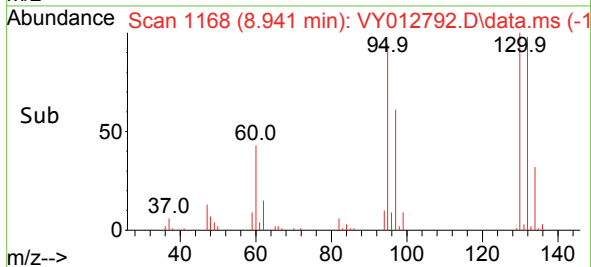
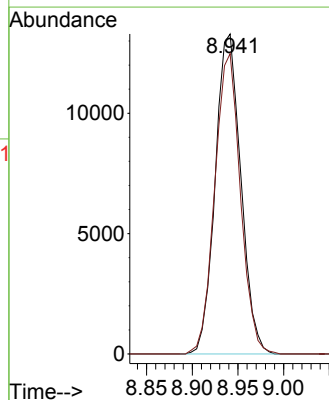
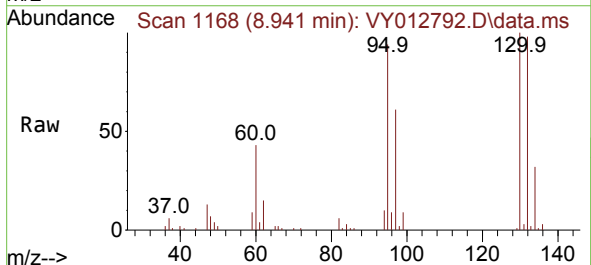
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS02

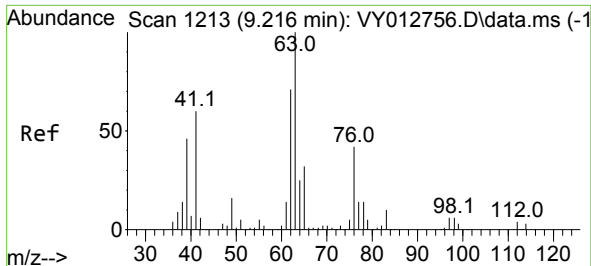
Tgt Ion: 43	Resp: 38433
Ion Ratio	Lower Upper
43	100
61	28.1 21.6 32.4
87	12.3 9.9 14.9



#44
Trichloroethene
Concen: 21.497 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion: 130	Resp: 25905
Ion Ratio	Lower Upper
130	100
95	93.9 0.0 185.0





#45

1,2-Dichloropropane

Concen: 22.086 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

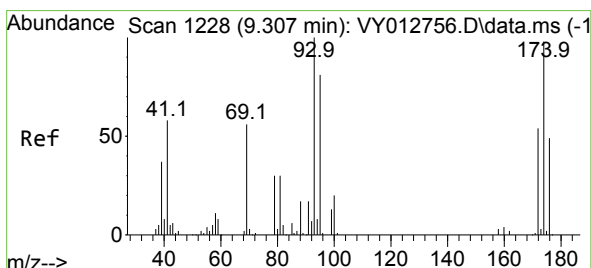
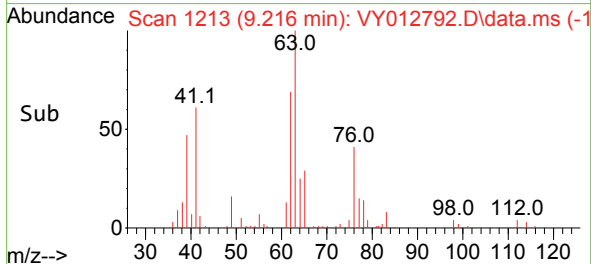
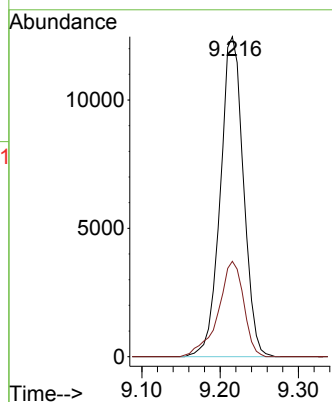
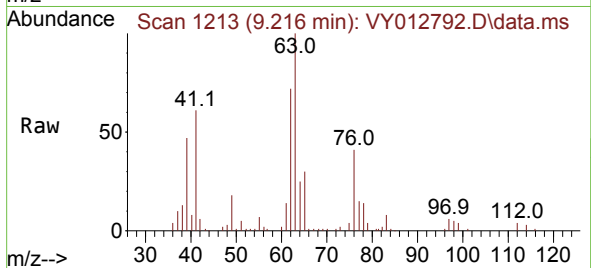
VY0303SBS02

Tgt Ion: 63 Resp: 25512

Ion Ratio Lower Upper

63 100

65 29.8 25.7 38.5



#46

Dibromomethane

Concen: 22.382 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

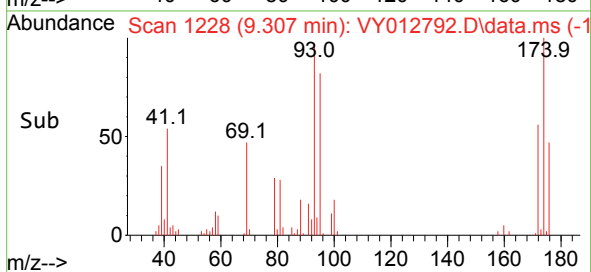
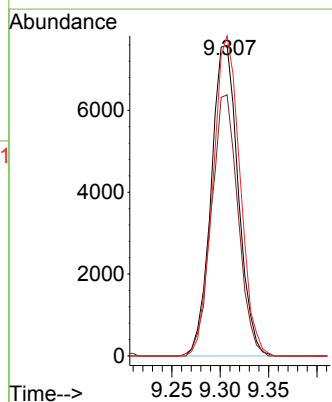
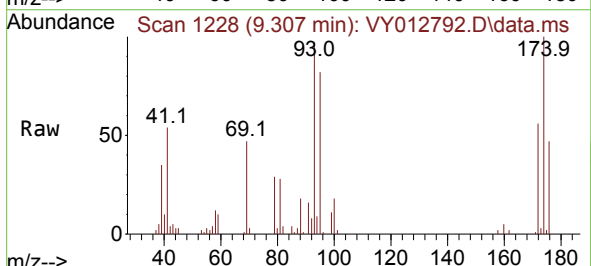
Tgt Ion: 93 Resp: 14729

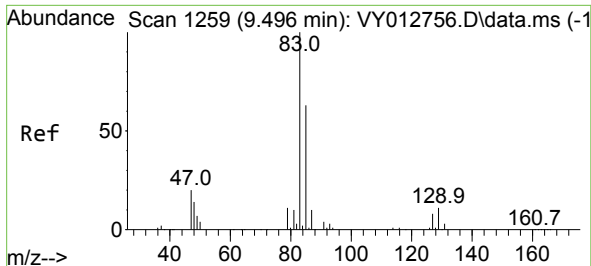
Ion Ratio Lower Upper

93 100

95 83.1 65.6 98.4

174 103.2 81.3 121.9

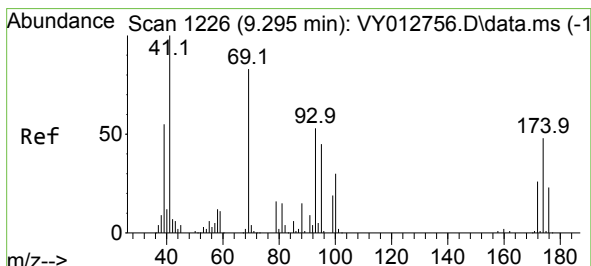
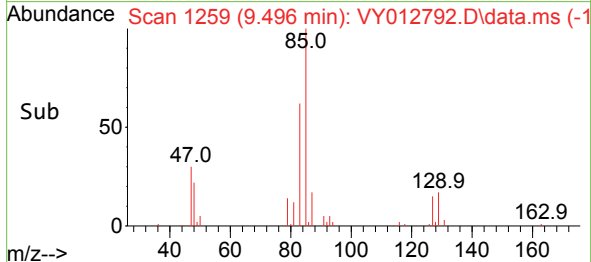
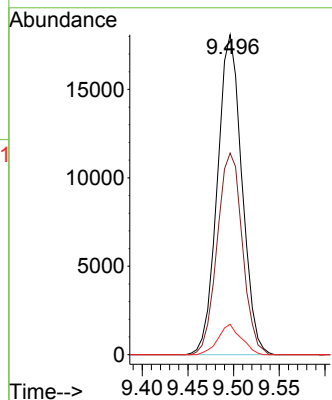
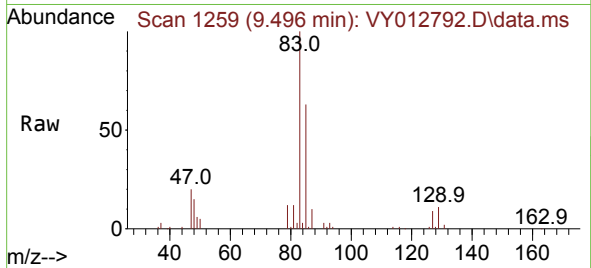




#47
Bromodichloromethane
Concen: 21.765 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

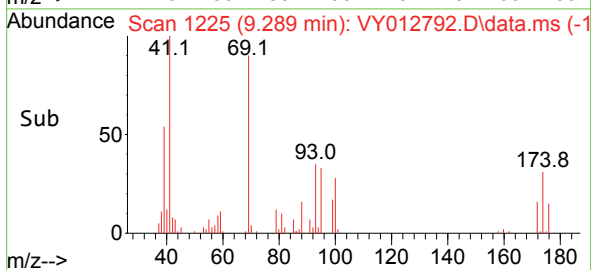
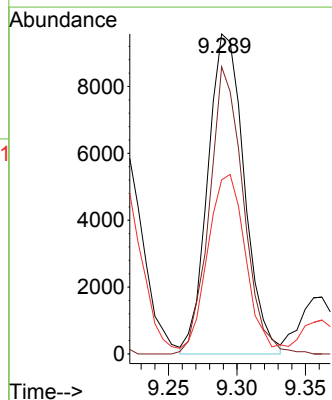
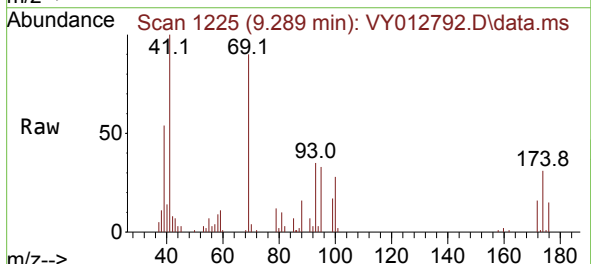
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS02

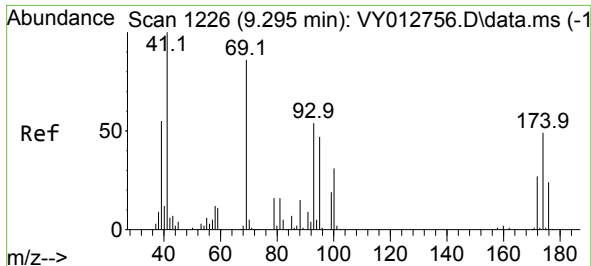
Tgt Ion: 83 Resp: 33753
Ion Ratio Lower Upper
83 100
85 63.0 50.2 75.4
127 9.5 6.3 9.5#



#48
Methyl methacrylate
Concen: 21.213 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion: 41 Resp: 17760
Ion Ratio Lower Upper
41 100
69 83.2 64.1 96.1
39 55.4 44.0 66.0





#49

1,4-Dioxane

Concen: 478.062 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS02

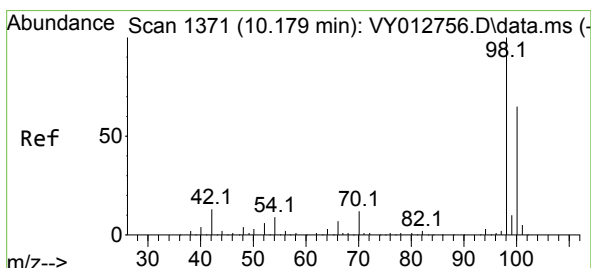
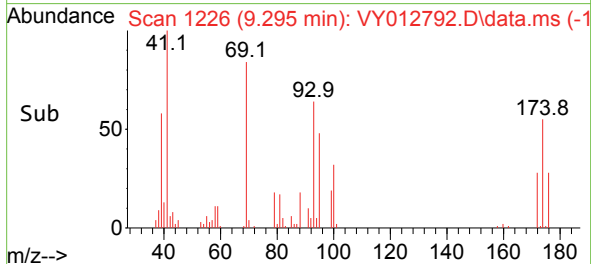
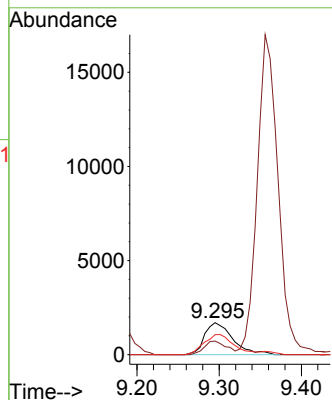
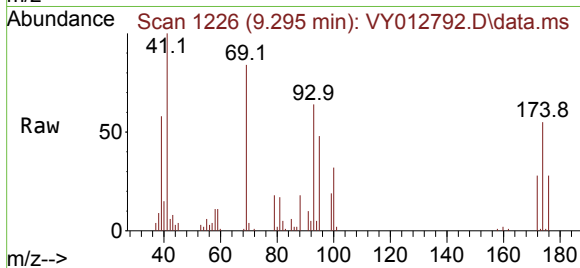
Tgt Ion: 88 Resp: 4067

Ion Ratio Lower Upper

88 100

43 33.7 28.6 42.8

58 67.1 55.2 82.8



#50

Toluene-d8

Concen: 53.102 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012792.D

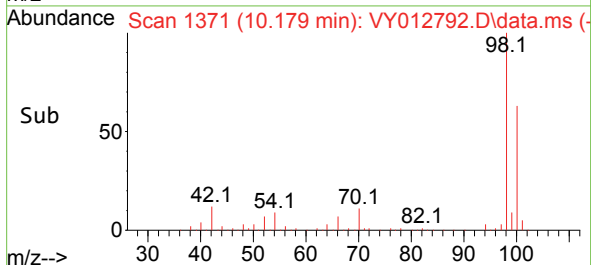
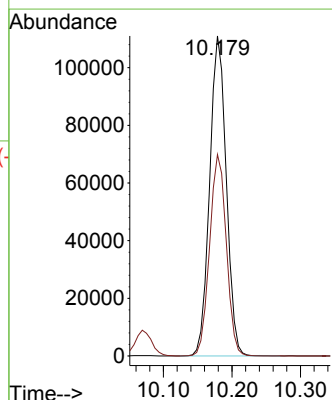
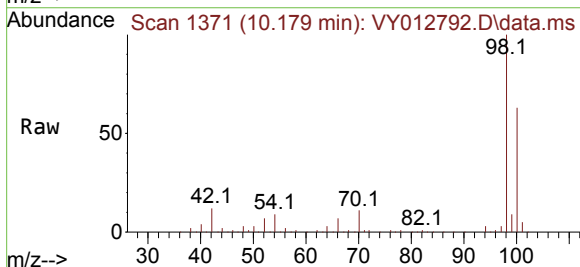
Acq: 03 Mar 2023 13:48

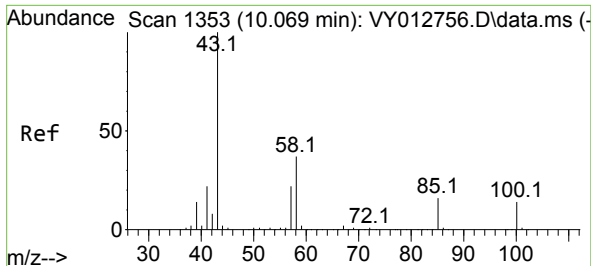
Tgt Ion: 98 Resp: 187180

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3

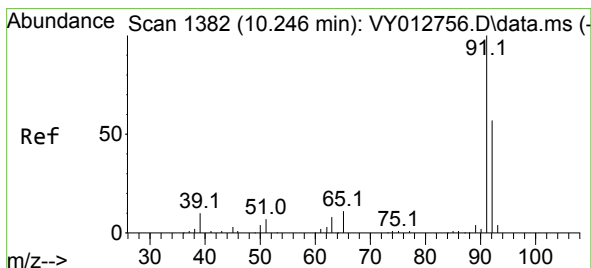
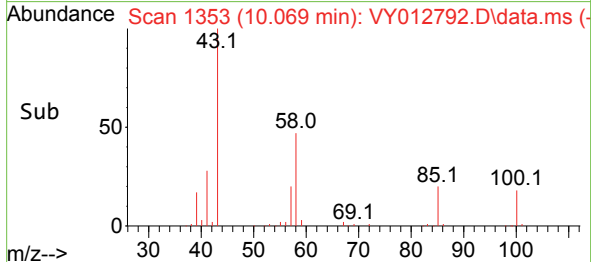
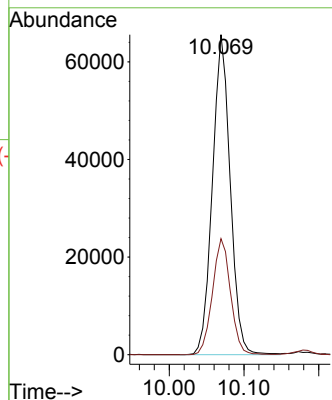
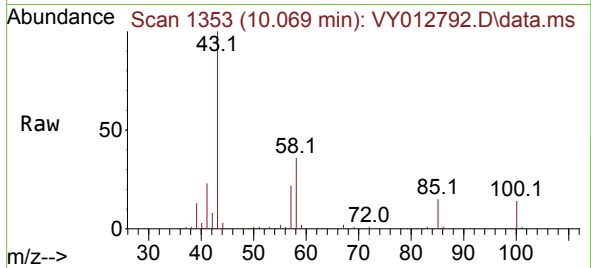




#51
4-Methyl-2-Pentanone
Concen: 110.260 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

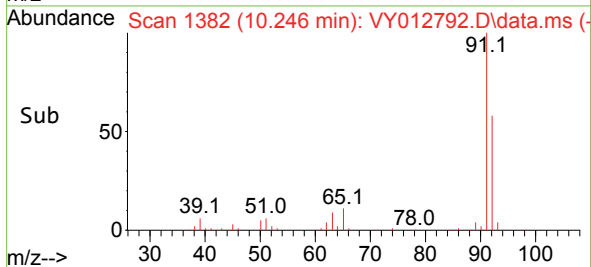
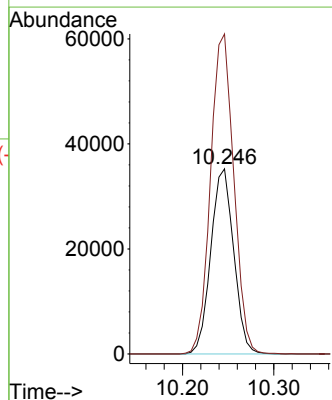
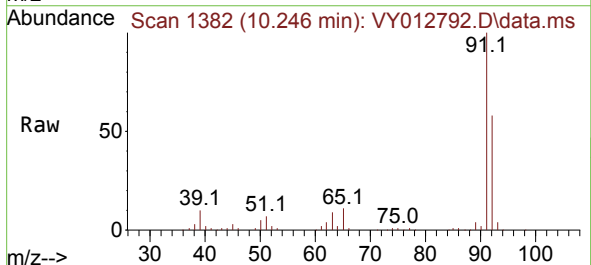
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS02

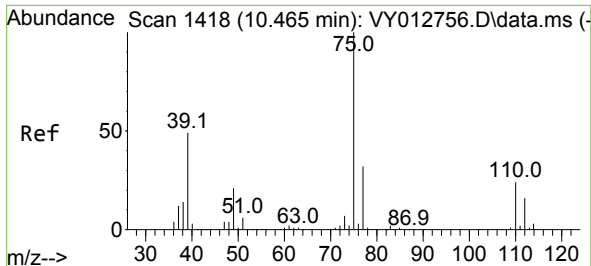
Tgt Ion: 43 Resp: 108671
Ion Ratio Lower Upper
43 100
58 36.8 29.8 44.6



#52
Toluene
Concen: 22.266 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion: 92 Resp: 61377
Ion Ratio Lower Upper
92 100
91 175.7 141.3 211.9

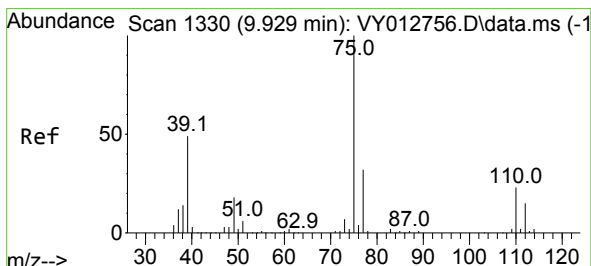
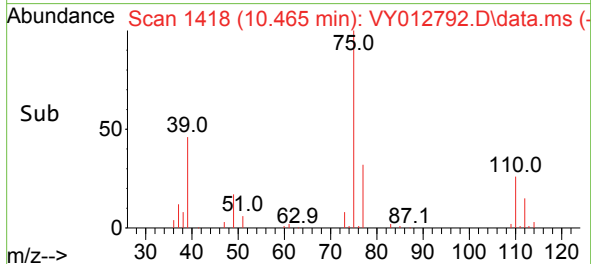
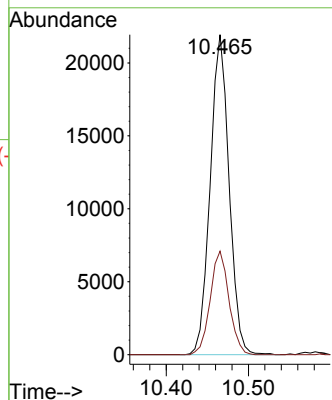
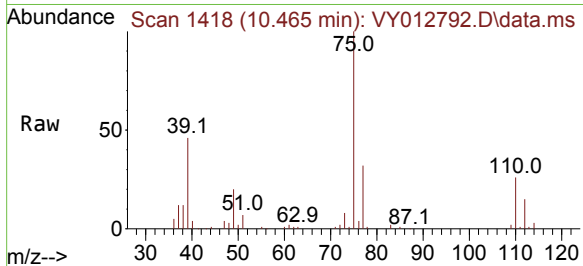




#53
t-1,3-Dichloropropene
Concen: 21.522 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

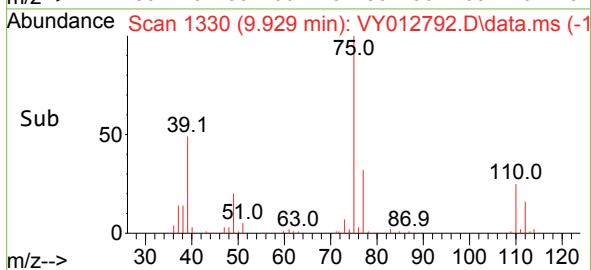
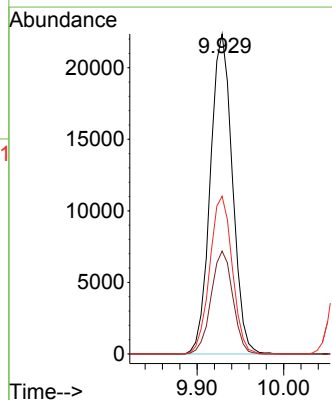
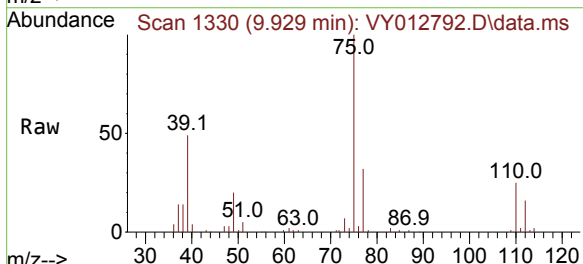
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS02

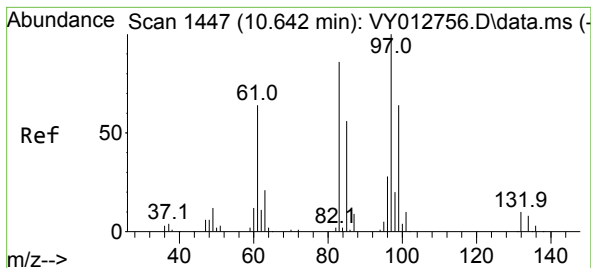
Tgt Ion: 75 Resp: 35008
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 21.473 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion: 75 Resp: 39534
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 49.3 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 22.187 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS02

Tgt Ion: 97 Resp: 20334

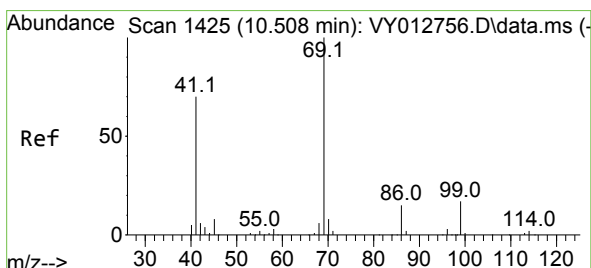
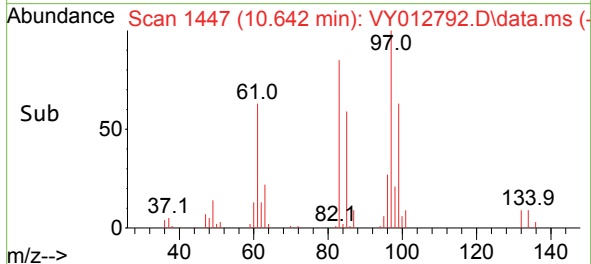
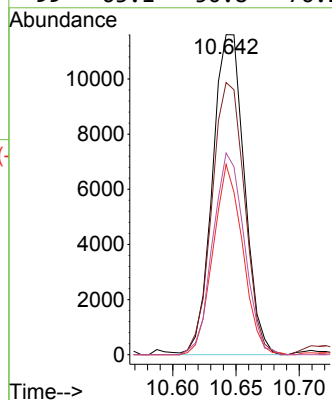
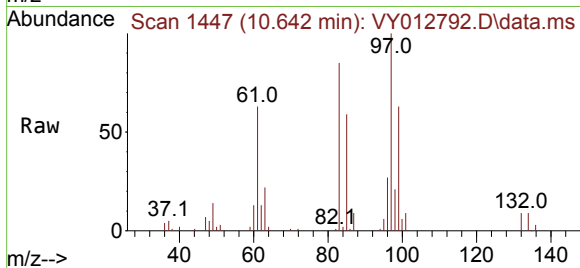
Ion Ratio Lower Upper

97 100

83 85.1 69.0 103.6

85 59.5 44.9 67.3

99 63.1 50.8 76.2



#56

Ethyl methacrylate

Concen: 20.964 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

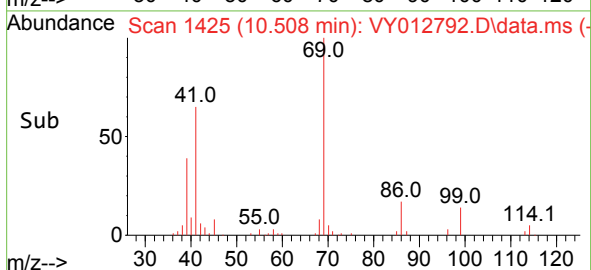
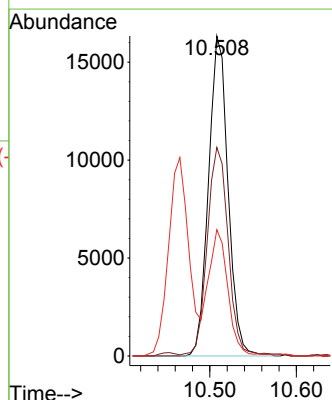
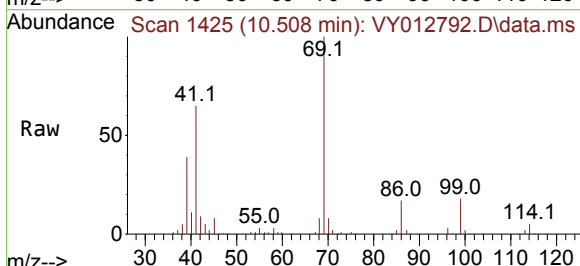
Tgt Ion: 69 Resp: 25618

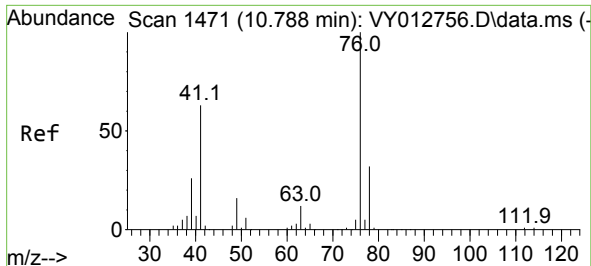
Ion Ratio Lower Upper

69 100

41 70.4 56.4 84.6

39 37.8 30.8 46.2





#57

1,3-Dichloropropane

Concen: 22.161 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

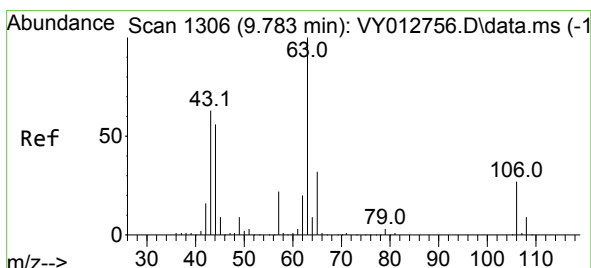
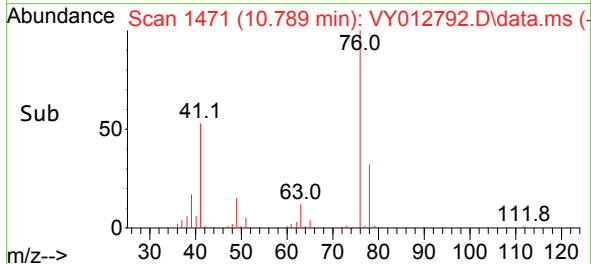
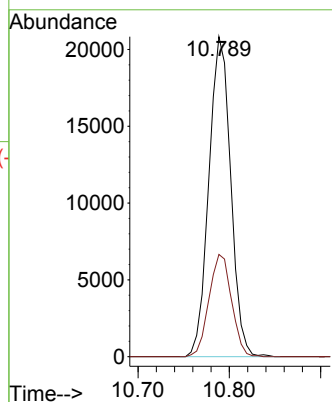
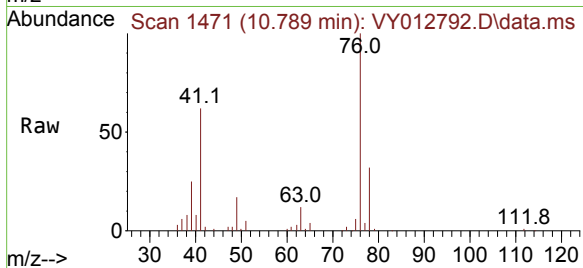
VY0303SBS02

Tgt Ion: 76 Resp: 34593

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 108.774 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012792.D

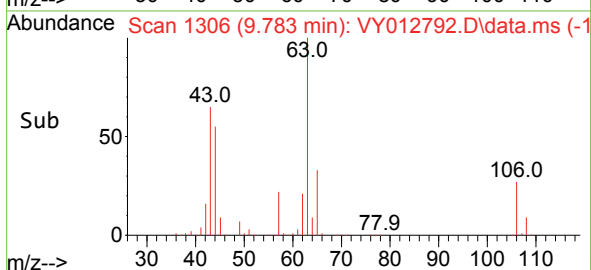
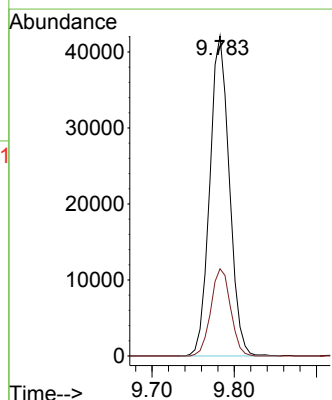
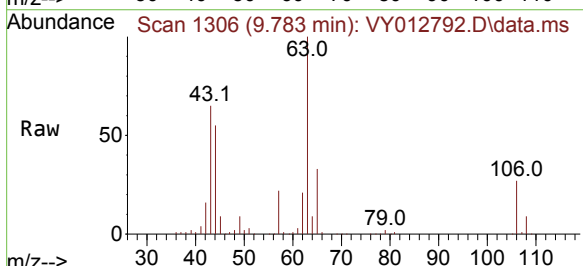
Acq: 03 Mar 2023 13:48

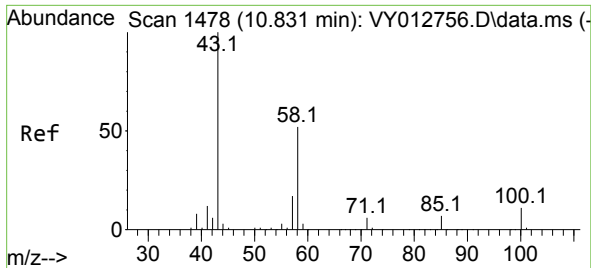
Tgt Ion: 63 Resp: 69779

Ion Ratio Lower Upper

63 100

106 27.4 22.1 33.1

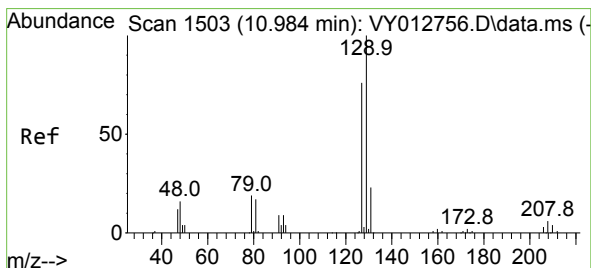
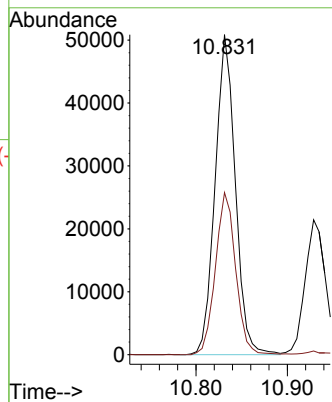
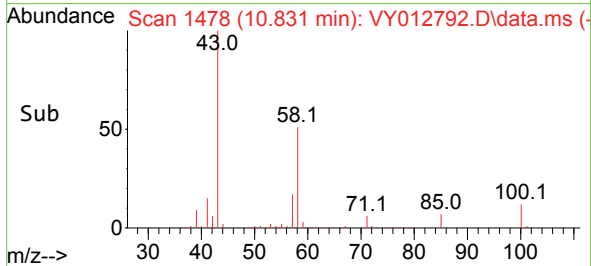
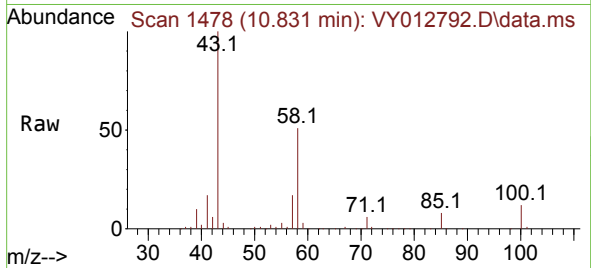




#59
2-Hexanone
Concen: 109.021 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

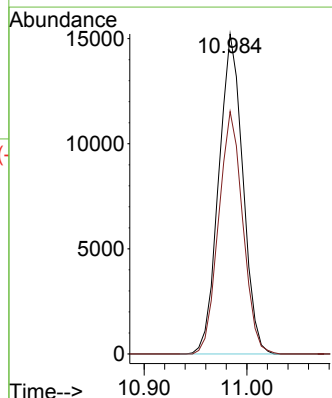
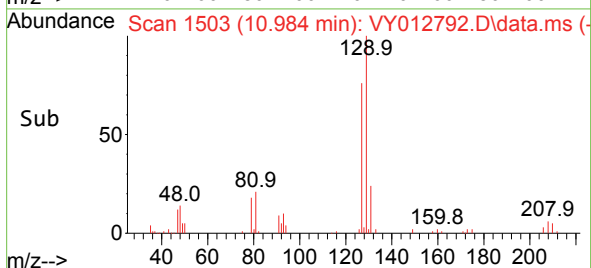
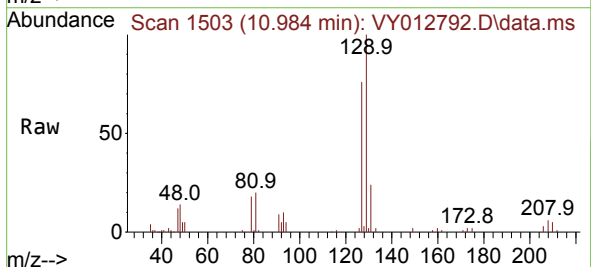
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBSD02

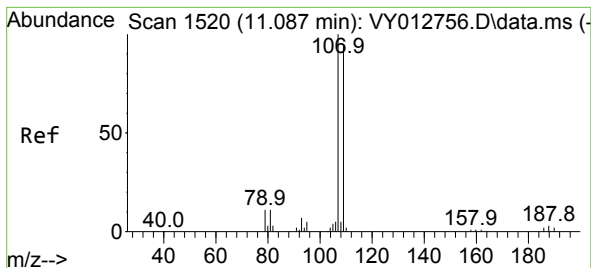
Tgt Ion: 43 Resp: 78093
Ion Ratio Lower Upper
43 100
58 50.8 25.9 77.8



#60
Dibromochloromethane
Concen: 22.182 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion: 129 Resp: 24746
Ion Ratio Lower Upper
129 100
127 75.9 38.7 116.1

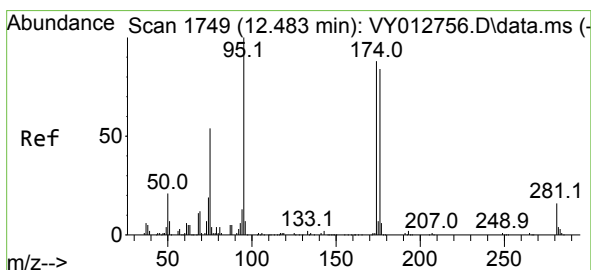
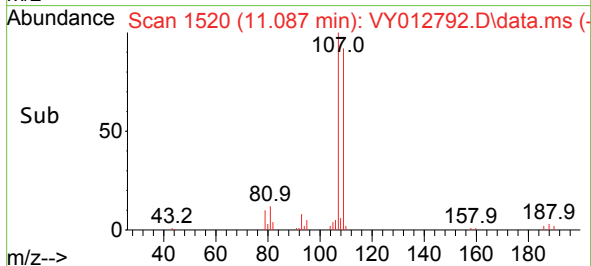
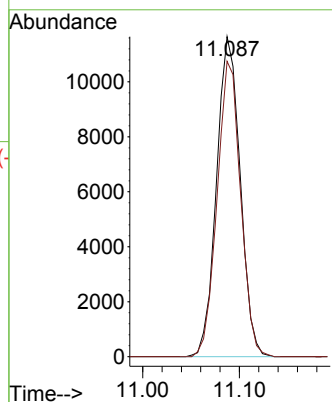
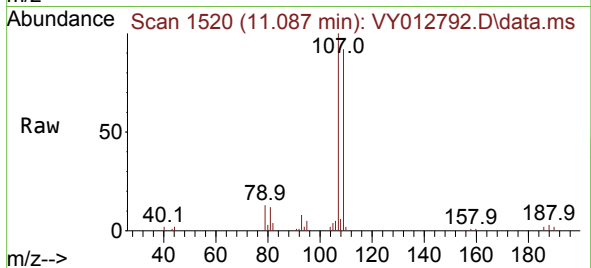




#61
1,2-Dibromoethane
Concen: 22.319 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

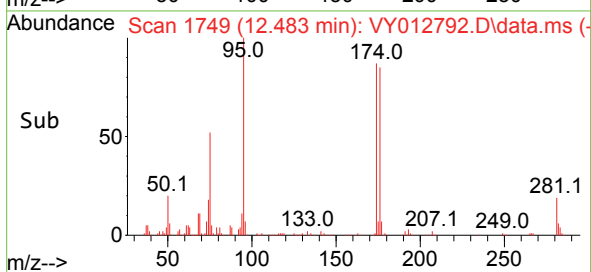
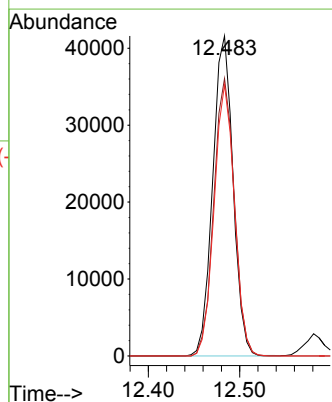
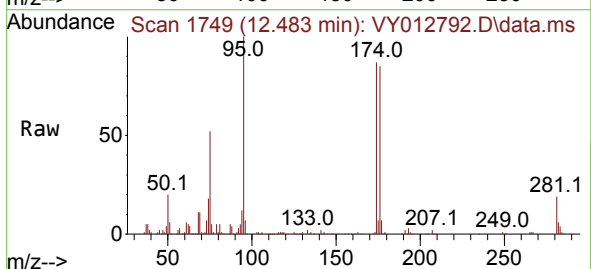
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS02

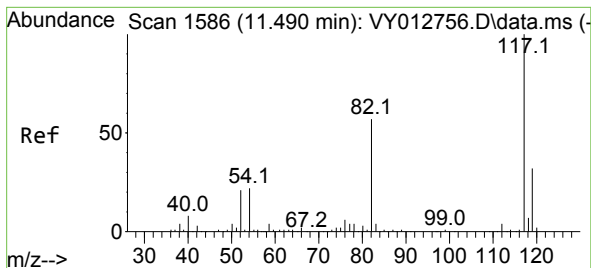
Tgt Ion:107 Resp: 19704
Ion Ratio Lower Upper
107 100
109 91.9 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 53.982 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion: 95 Resp: 64225
Ion Ratio Lower Upper
95 100
174 87.9 0.0 176.6
176 84.8 0.0 170.2

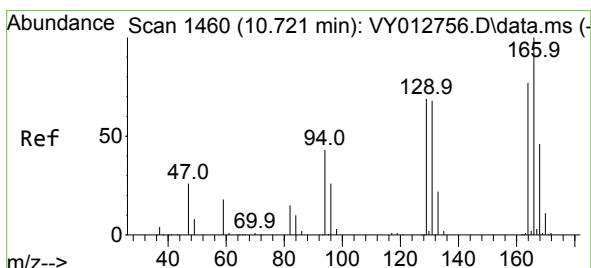
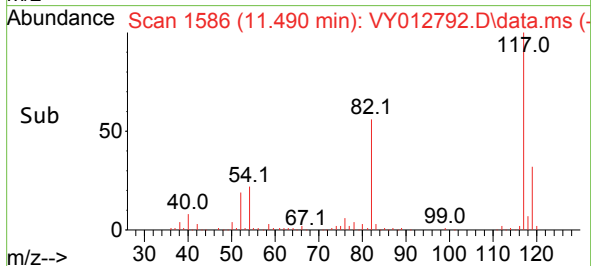
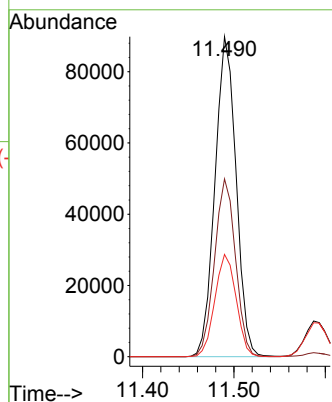
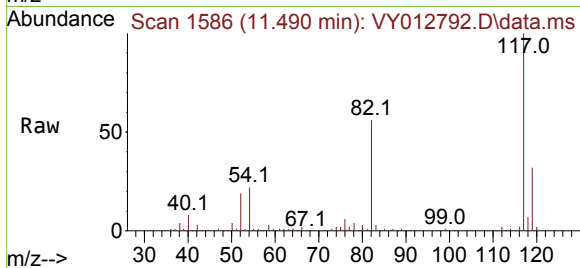




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

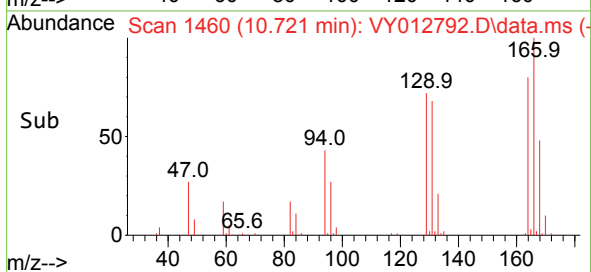
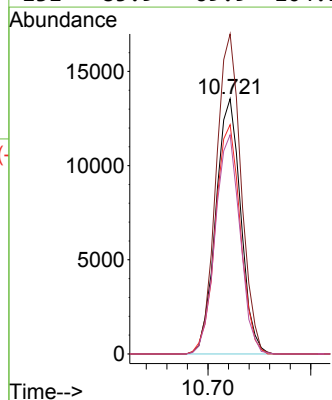
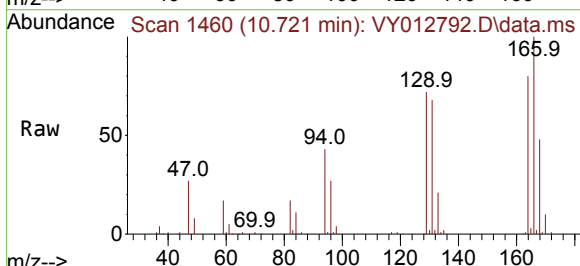
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS02

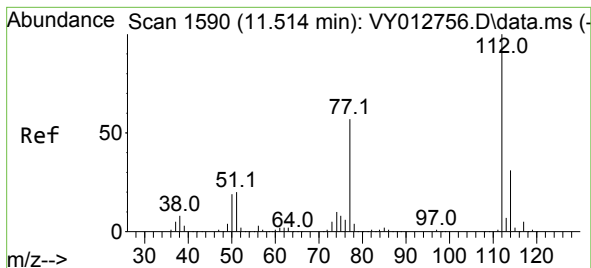
Tgt Ion:117 Resp: 144338
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 21.667 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion:164 Resp: 22770
Ion Ratio Lower Upper
164 100
166 125.4 103.4 155.2
129 89.8 71.4 107.2
131 85.9 69.9 104.9





#65

Chlorobenzene

Concen: 21.457 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

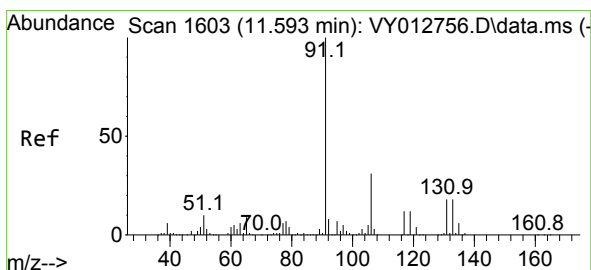
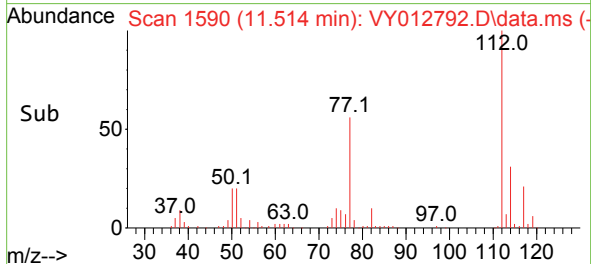
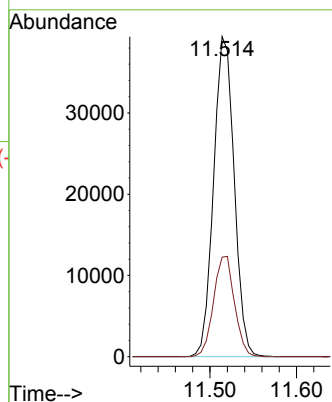
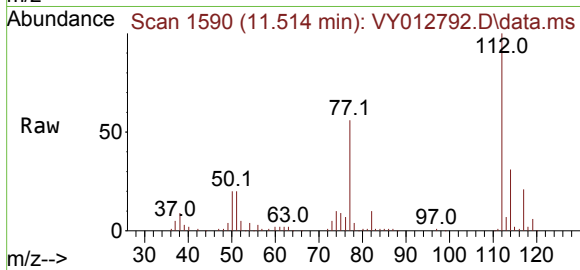
VY0303SBS02

Tgt Ion:112 Resp: 64999

Ion Ratio Lower Upper

112 100

114 31.1 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 21.255 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

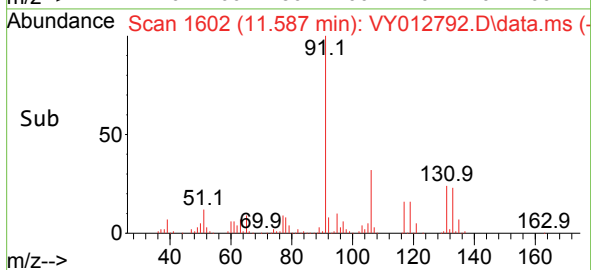
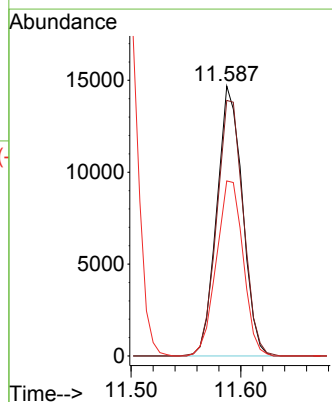
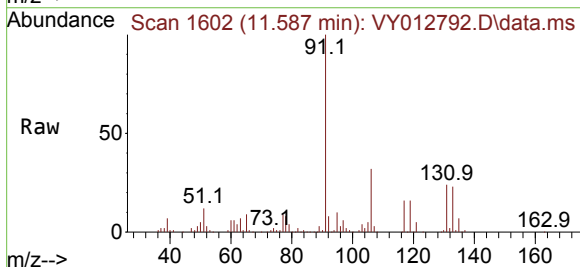
Tgt Ion:131 Resp: 23825

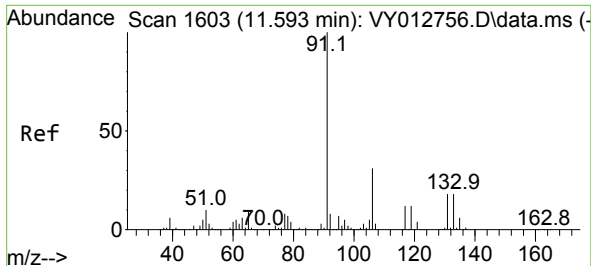
Ion Ratio Lower Upper

131 100

133 98.4 48.0 144.0

119 67.9 32.6 98.0

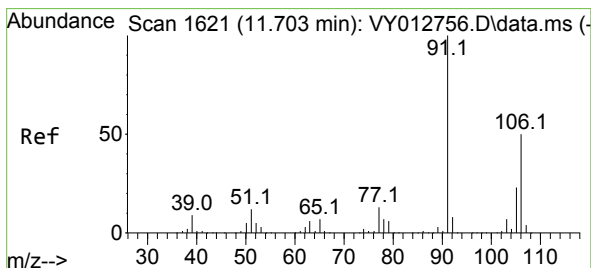
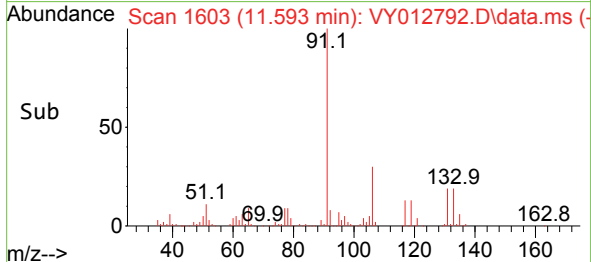
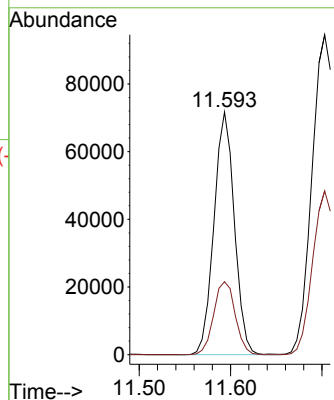
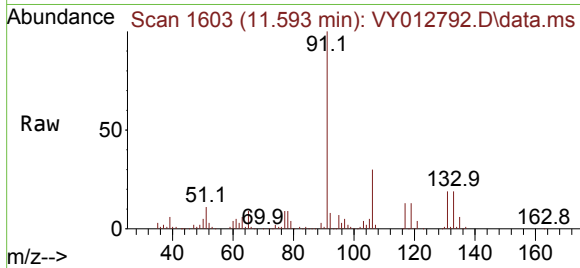




#67
Ethyl Benzene
Concen: 20.886 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

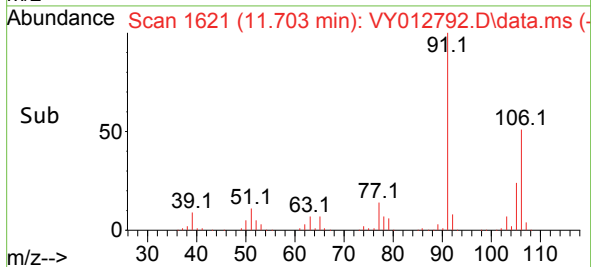
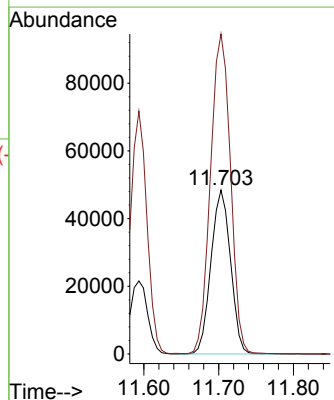
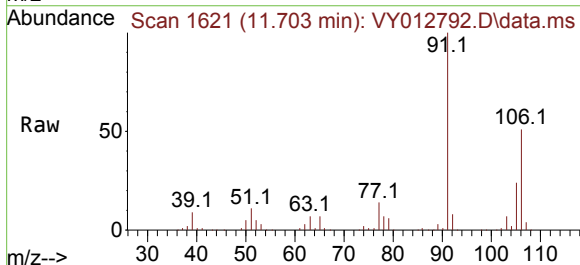
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS02

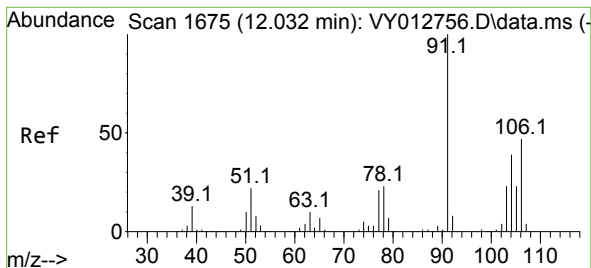
Tgt Ion: 91 Resp: 111241
Ion Ratio Lower Upper
91 100
106 30.1 25.1 37.7



#68
m/p-Xylenes
Concen: 42.899 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion:106 Resp: 87895
Ion Ratio Lower Upper
106 100
91 200.2 159.8 239.8





#69

o-Xylene

Concen: 21.455 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

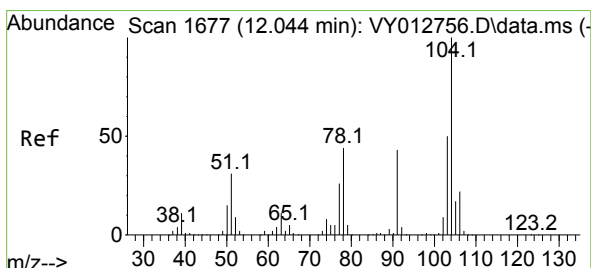
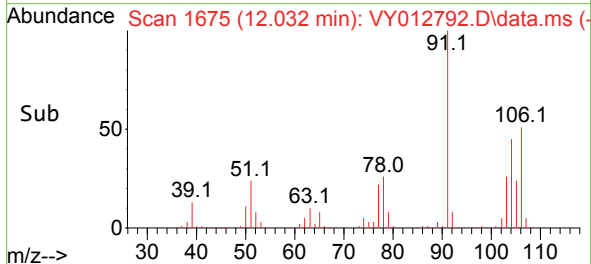
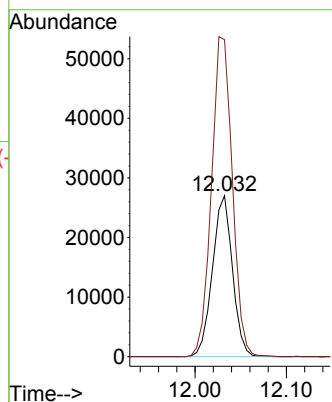
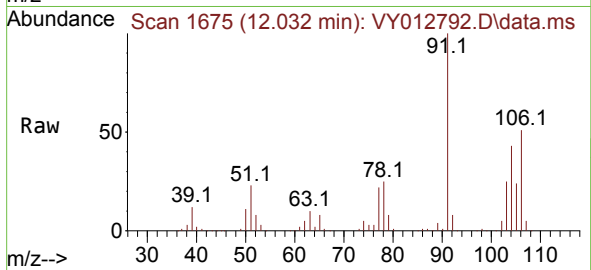
VY0303SBS02

Tgt Ion:106 Resp: 41027

Ion Ratio Lower Upper

106 100

91 207.2 107.2 321.6



#70

Styrene

Concen: 22.162 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

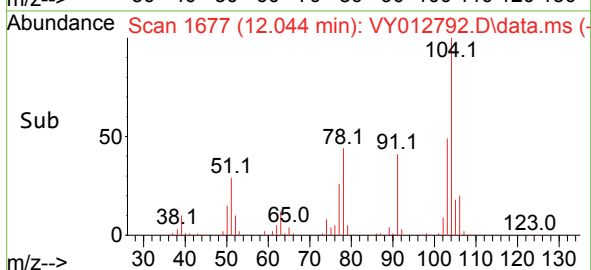
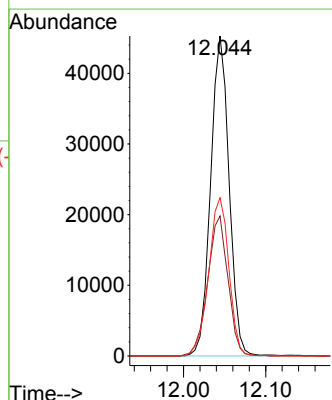
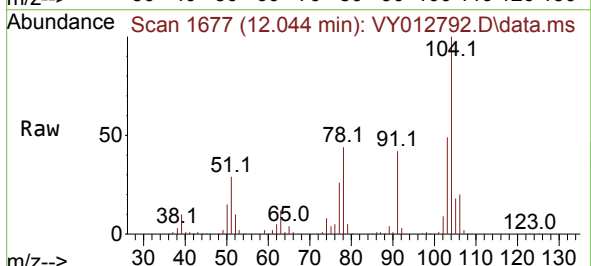
Tgt Ion:104 Resp: 70719

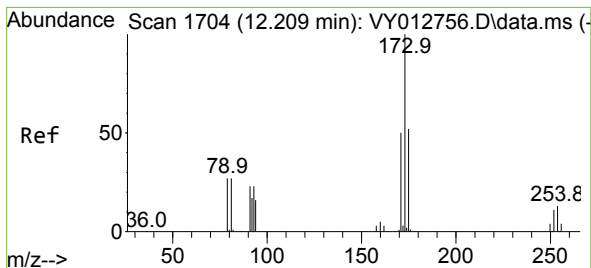
Ion Ratio Lower Upper

104 100

78 48.0 39.2 58.8

103 54.0 43.7 65.5





#71

Bromoform

Concen: 22.335 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBSD02

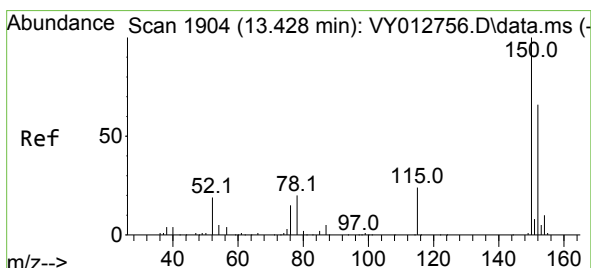
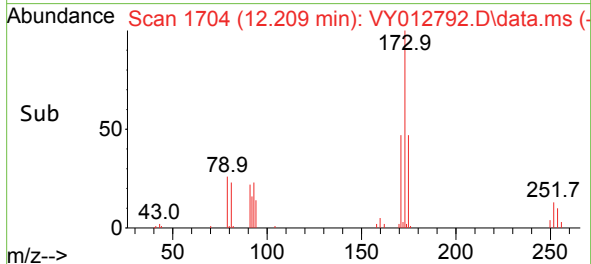
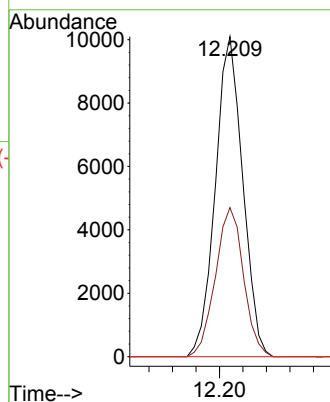
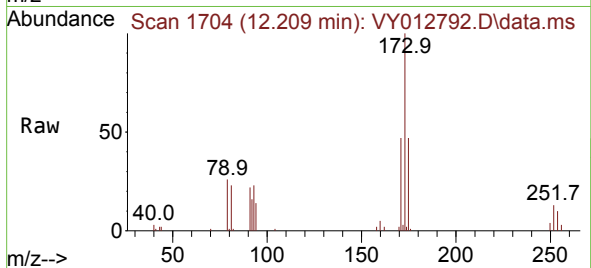
Tgt Ion:173 Resp: 16324

Ion Ratio Lower Upper

173 100

175 47.8 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

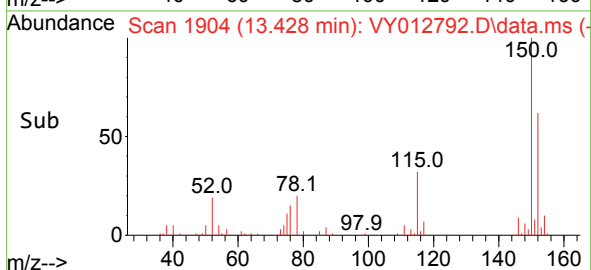
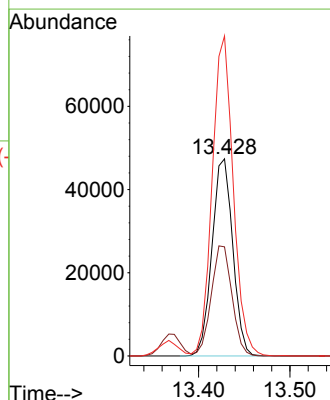
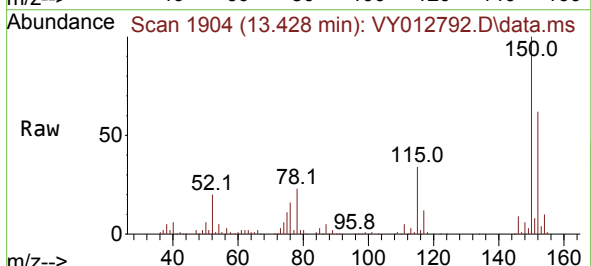
Tgt Ion:152 Resp: 74792

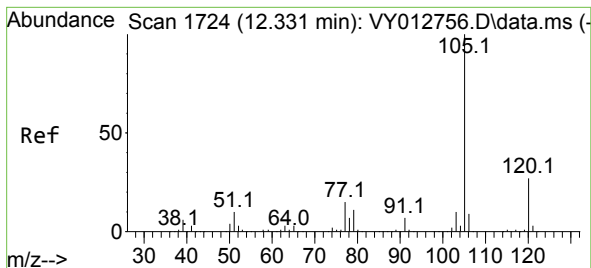
Ion Ratio Lower Upper

152 100

115 55.8 27.1 81.3

150 164.0 0.0 347.8





#73

Isopropylbenzene

Concen: 20.327 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

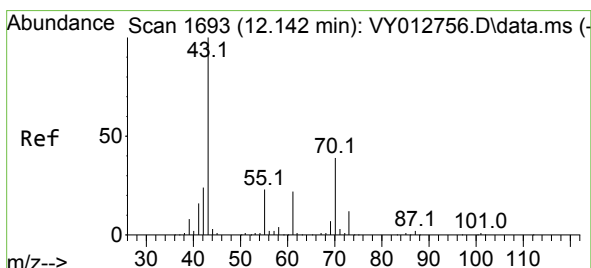
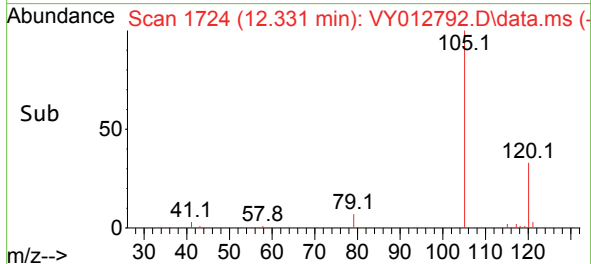
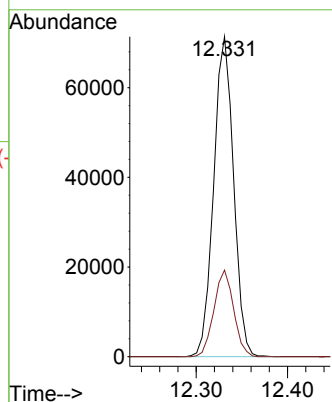
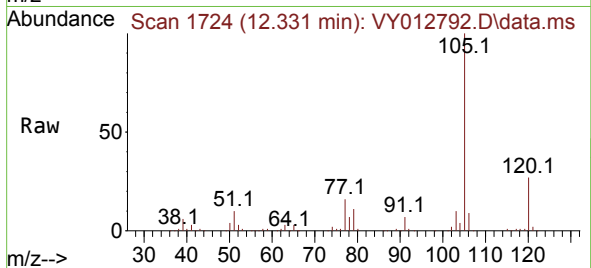
VY0303SBS02

Tgt Ion:105 Resp: 107744

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 19.683 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Tgt Ion: 43 Resp: 32827

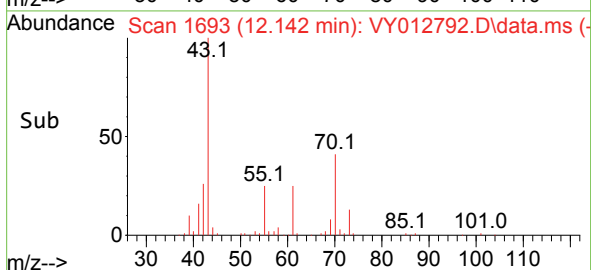
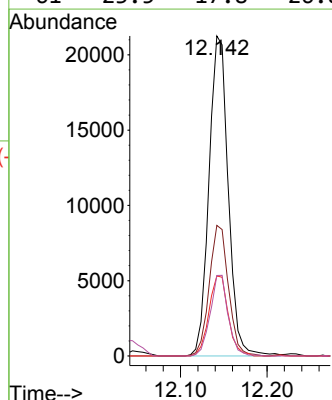
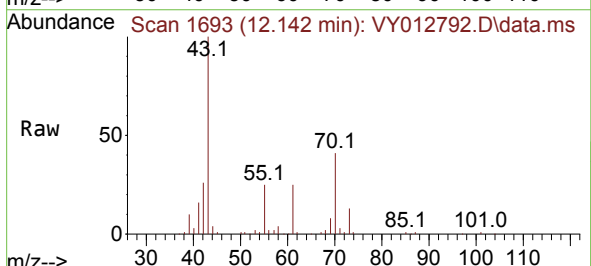
Ion Ratio Lower Upper

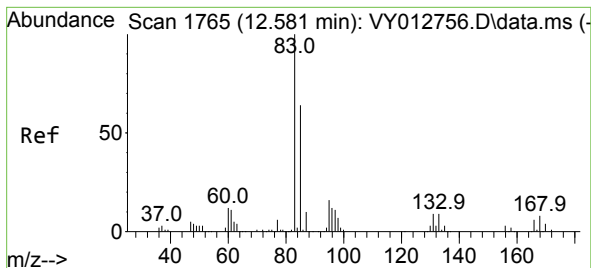
43 100

70 40.7 31.6 47.4

55 24.9 18.8 28.2

61 23.5 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.748 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS02

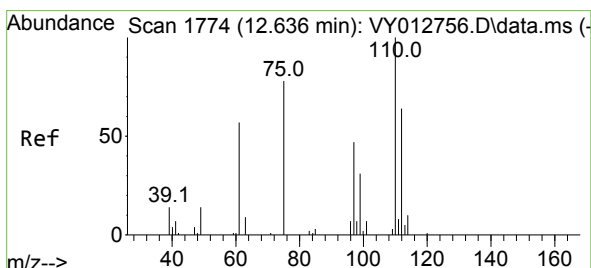
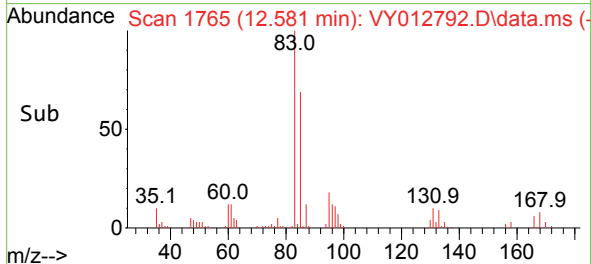
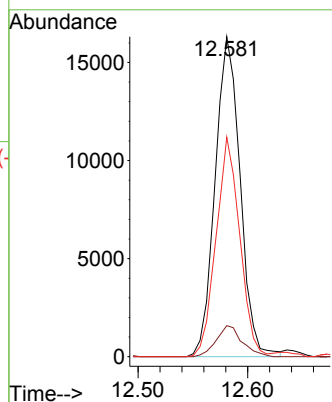
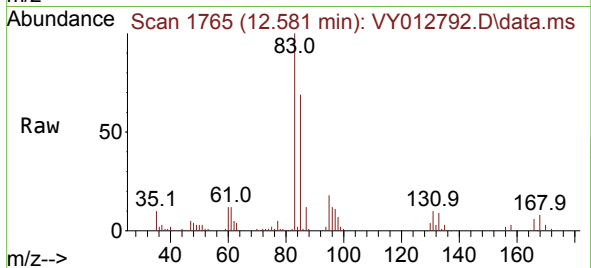
Tgt Ion: 83 Resp: 25914

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

85 65.2 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 36.068 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY012792.D

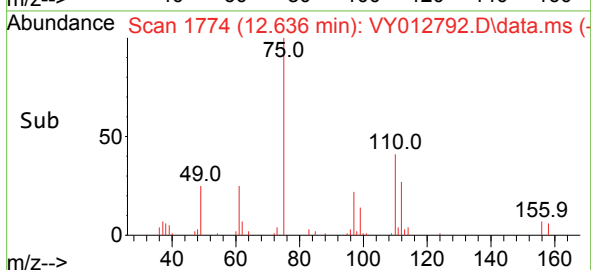
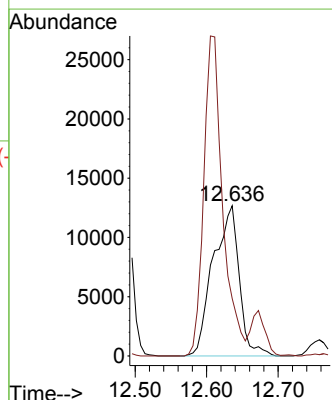
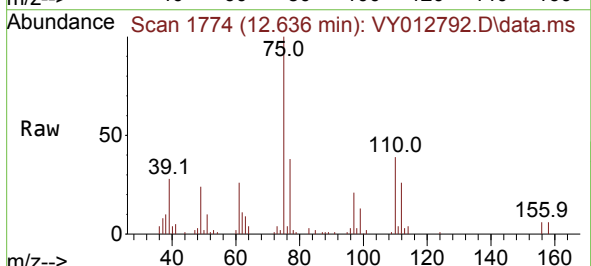
Acq: 03 Mar 2023 13:48

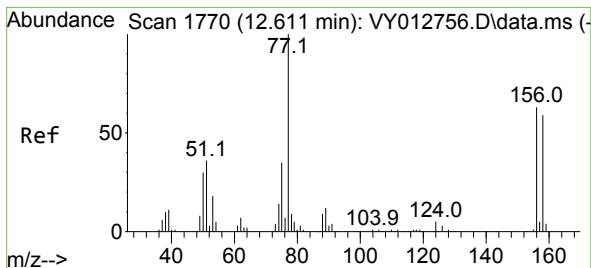
Tgt Ion: 75 Resp: 32214

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.811 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBSD02

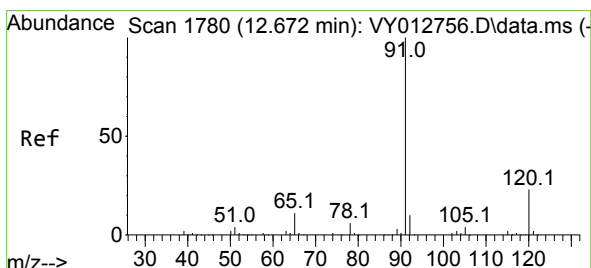
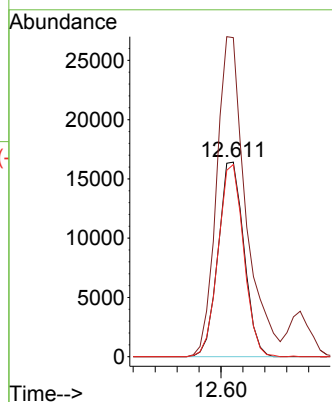
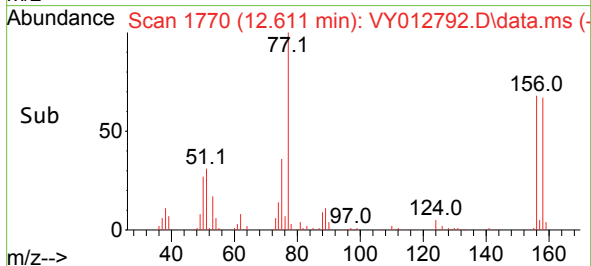
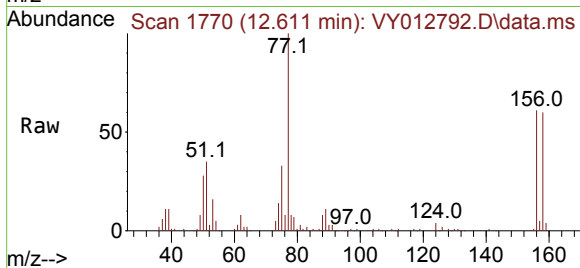
Tgt Ion:156 Resp: 26798

Ion Ratio Lower Upper

156 100

77 186.0 94.0 282.1

158 97.9 48.1 144.4



#78

n-propylbenzene

Concen: 20.837 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012792.D

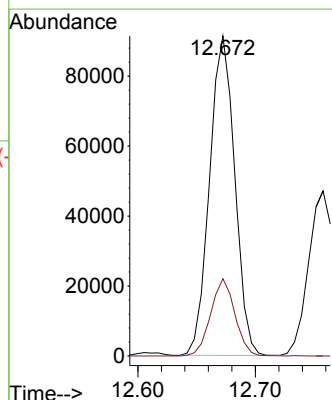
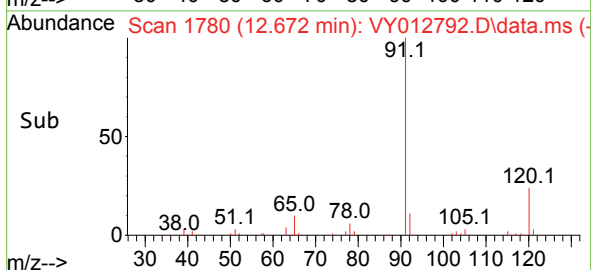
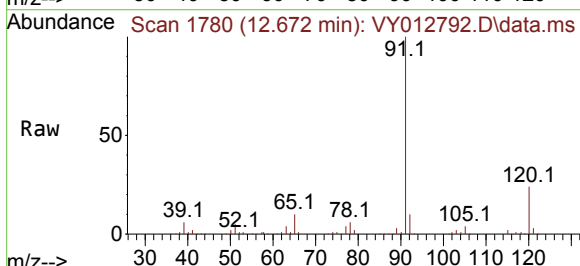
Acq: 03 Mar 2023 13:48

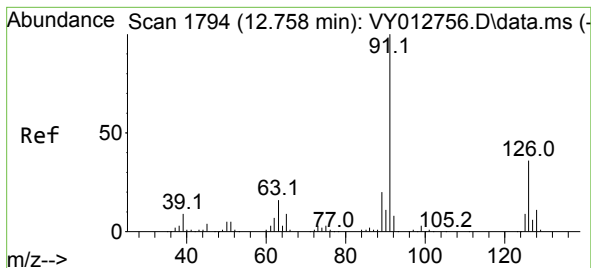
Tgt Ion: 91 Resp: 136173

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8





#79

2-Chlorotoluene

Concen: 20.358 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

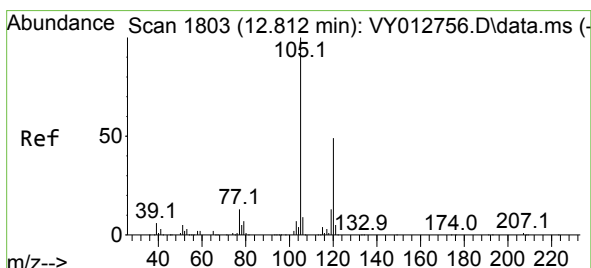
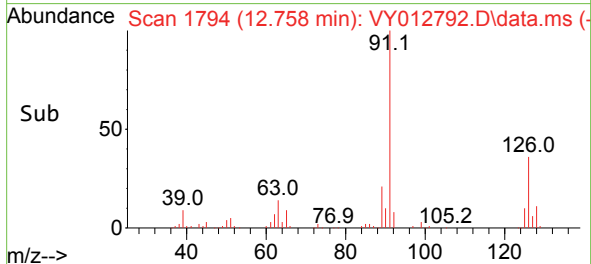
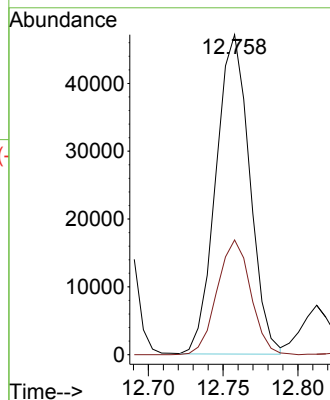
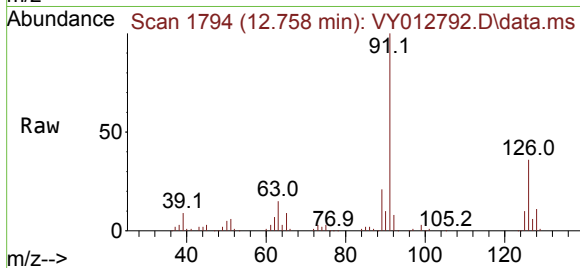
VY0303SBS02

Tgt Ion: 91 Resp: 73942

Ion Ratio Lower Upper

91 100

126 35.6 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 20.992 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY012792.D

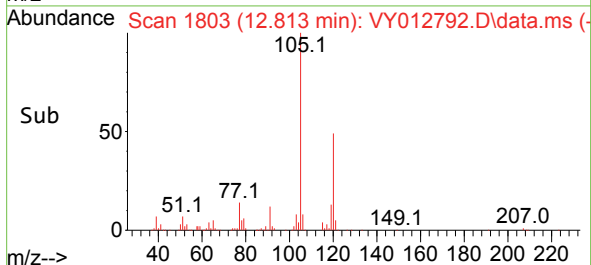
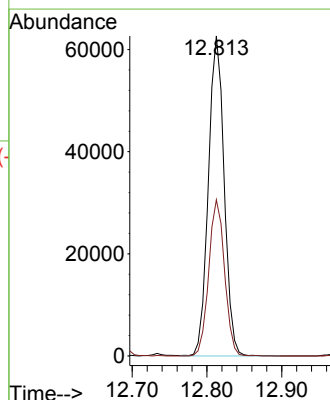
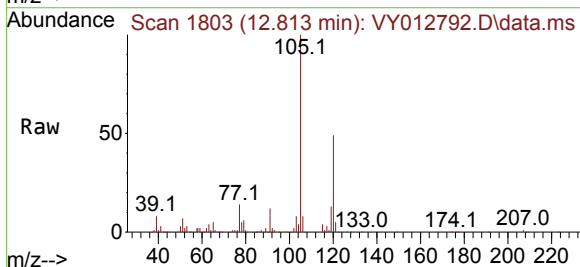
Acq: 03 Mar 2023 13:48

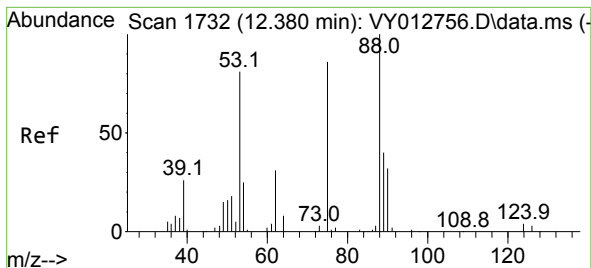
Tgt Ion: 105 Resp: 91826

Ion Ratio Lower Upper

105 100

120 48.8 24.8 74.4

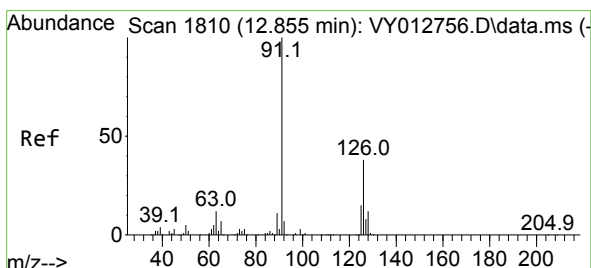
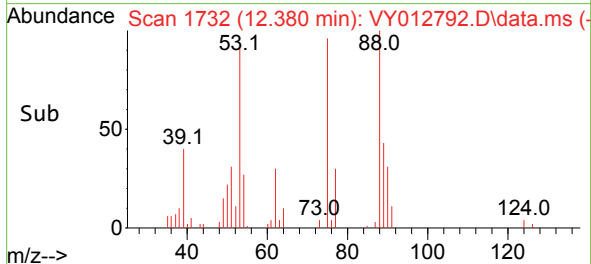
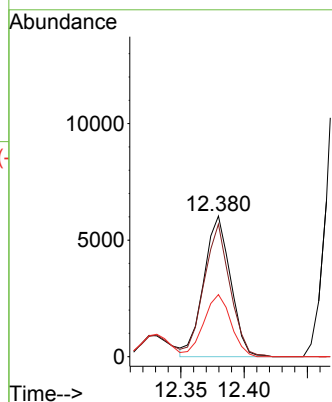
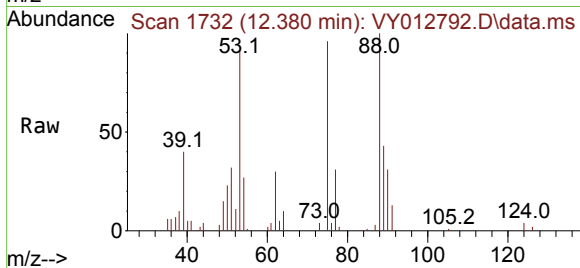




#81
trans-1,4-Dichloro-2-butene
Concen: 20.610 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

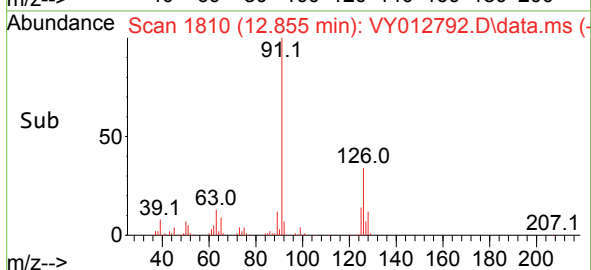
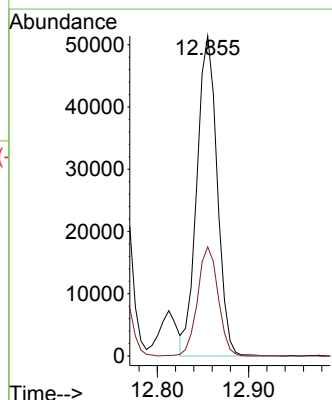
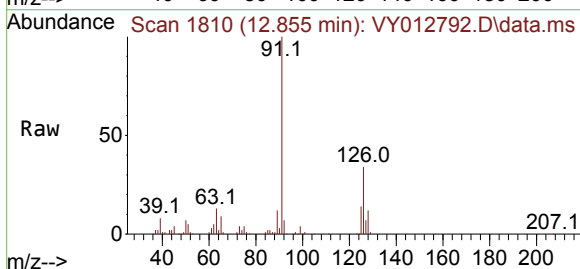
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBSD02

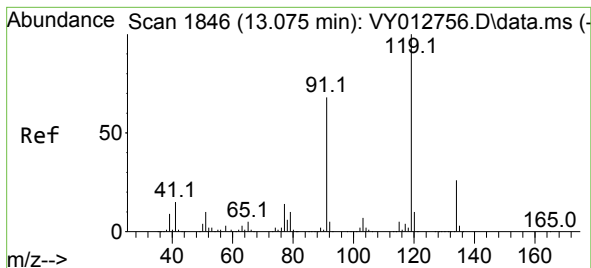
Tgt Ion:	75	Resp:	8884
Ion	Ratio	Lower	Upper
75	100		
53	92.3	73.4	110.0
89	45.0	36.6	55.0



#82
4-Chlorotoluene
Concen: 21.088 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012792.D
Acq: 03 Mar 2023 13:48

Tgt Ion:	91	Resp:	79286
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.7	53.1





#83

tert-Butylbenzene

Concen: 20.328 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBSD02

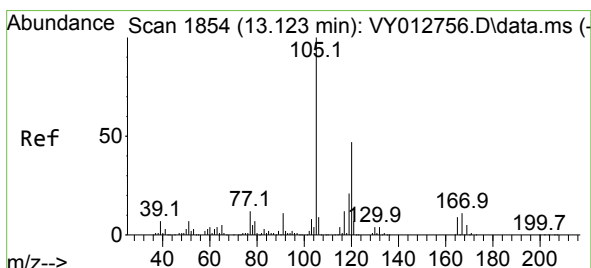
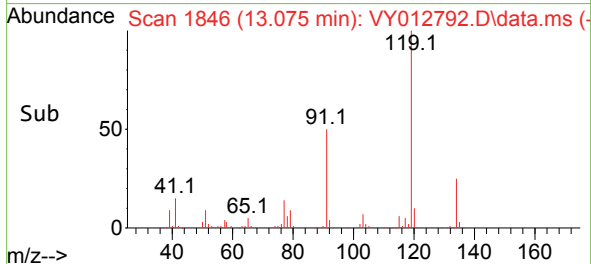
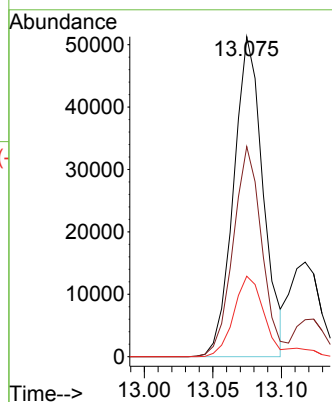
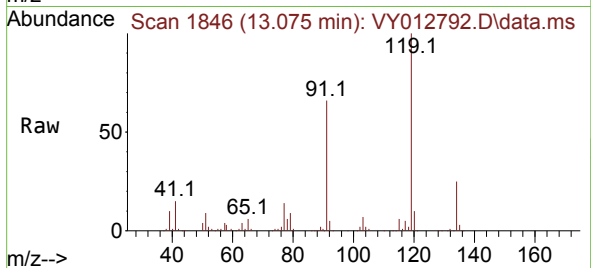
Tgt Ion:119 Resp: 76752

Ion Ratio Lower Upper

119 100

91 64.7 32.8 98.3

134 27.7 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.973 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY012792.D

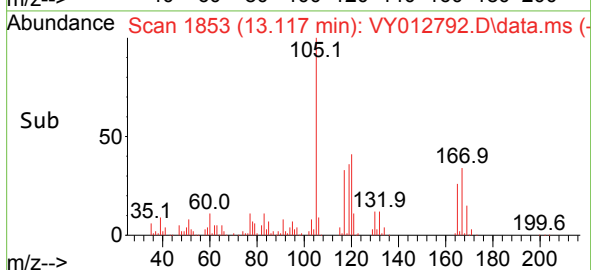
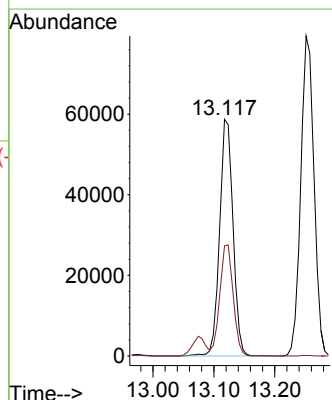
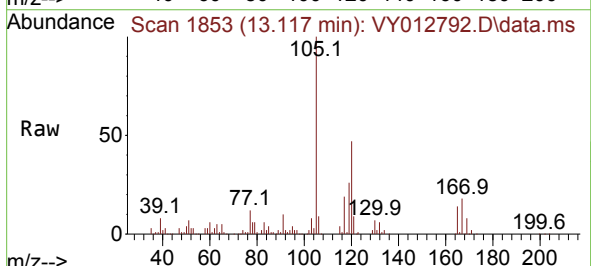
Acq: 03 Mar 2023 13:48

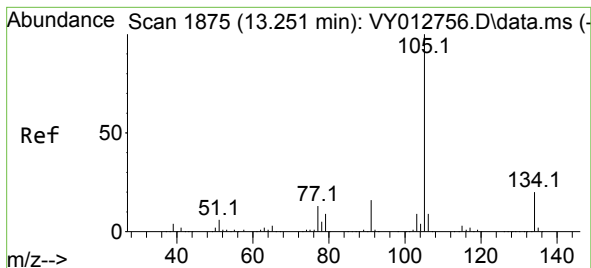
Tgt Ion:105 Resp: 89711

Ion Ratio Lower Upper

105 100

120 46.7 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.773 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

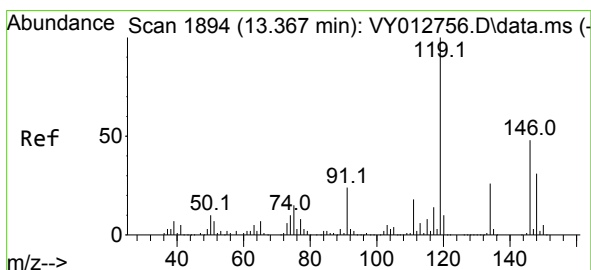
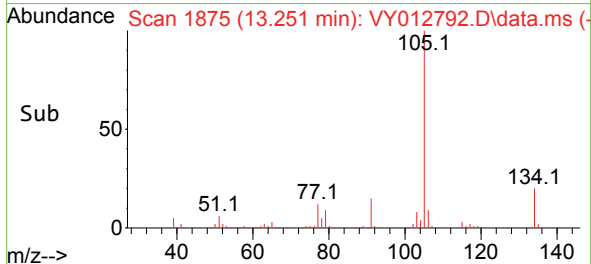
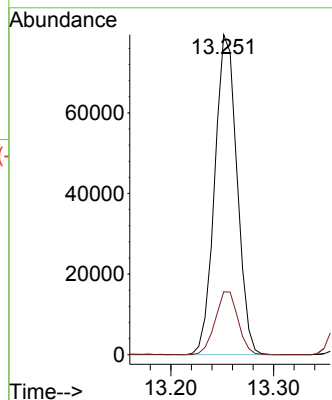
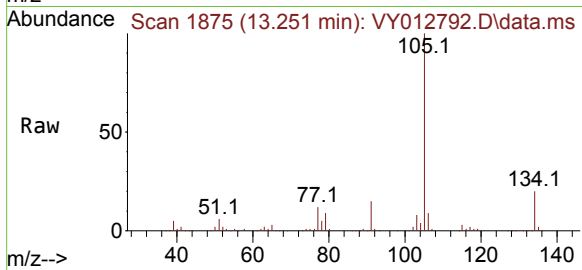
VY0303SBSD02

Tgt Ion:105 Resp: 119652

Ion Ratio Lower Upper

105 100

134 20.1 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.612 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

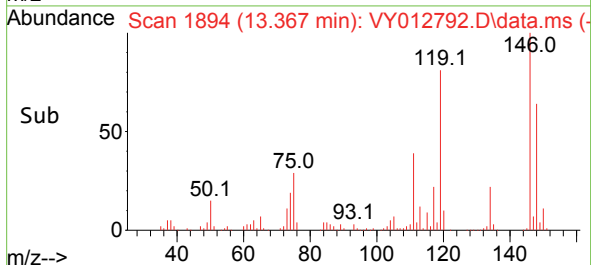
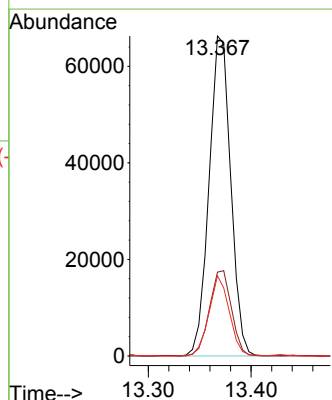
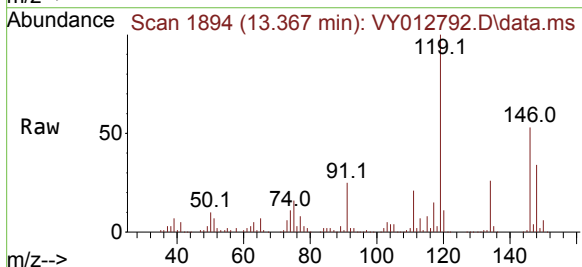
Tgt Ion:119 Resp: 97033

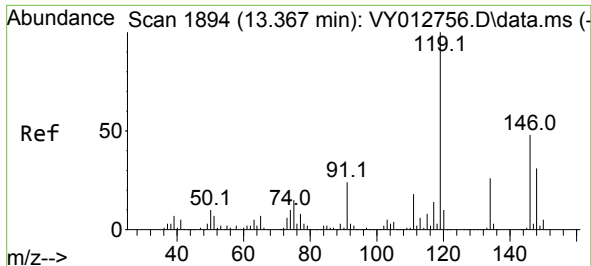
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.6

91 23.6 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 21.321 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS02

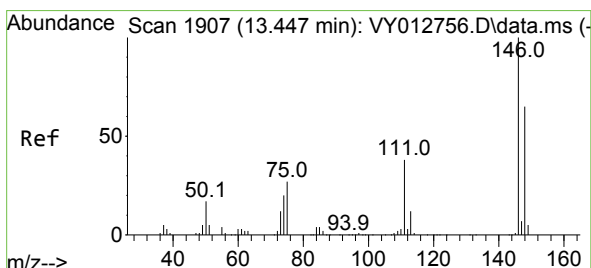
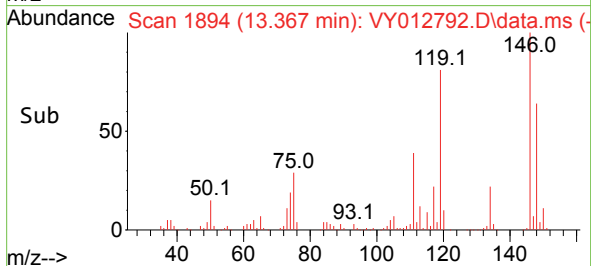
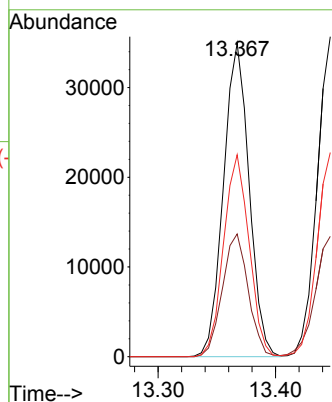
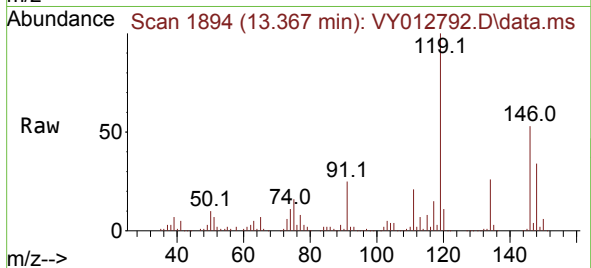
Tgt Ion:146 Resp: 52950

Ion Ratio Lower Upper

146 100

111 39.6 19.1 57.5

148 64.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 21.012 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

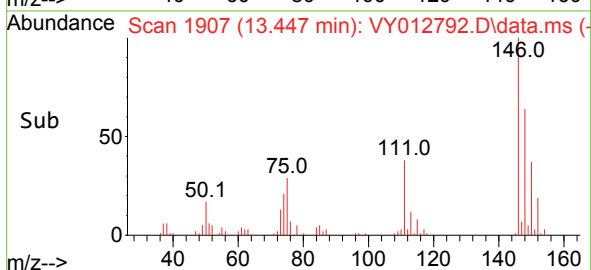
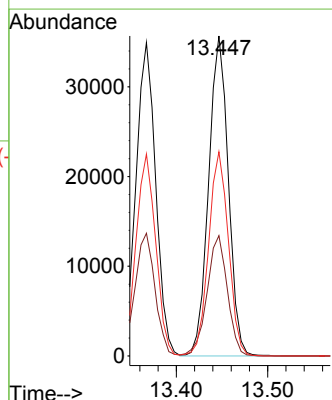
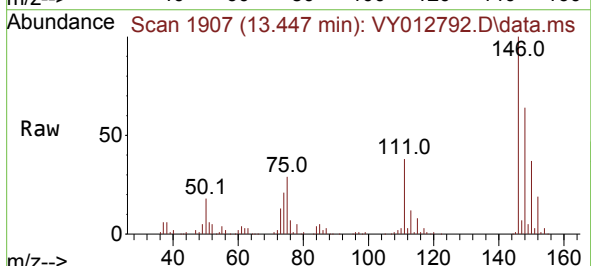
Tgt Ion:146 Resp: 53259

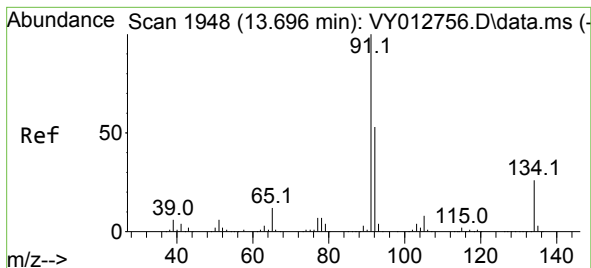
Ion Ratio Lower Upper

146 100

111 39.0 18.6 55.8

148 64.4 31.5 94.5





#89

n-Butylbenzene

Concen: 20.148 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS02

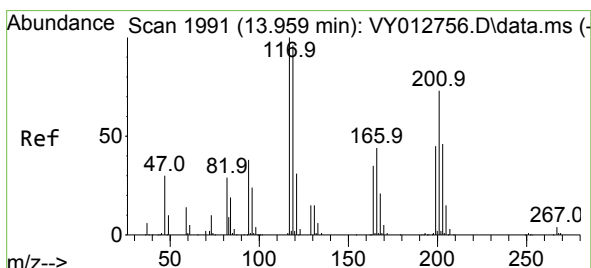
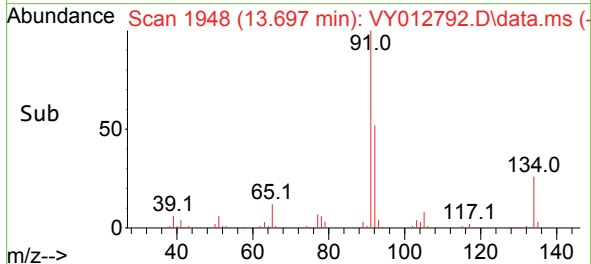
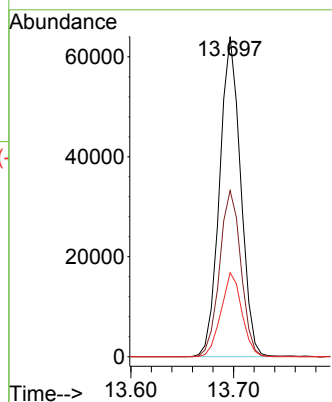
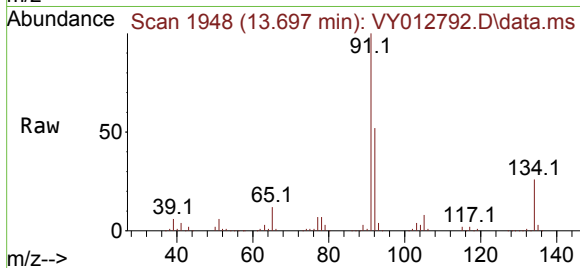
Tgt Ion: 91 Resp: 90797

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

134 26.0 13.0 38.9



#90

Hexachloroethane

Concen: 20.574 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012792.D

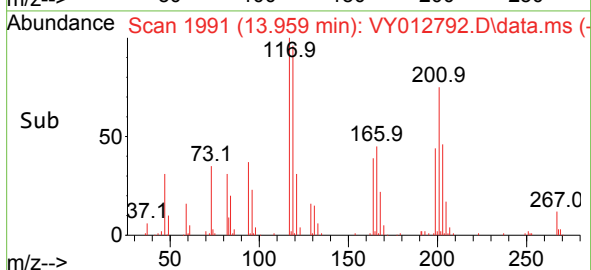
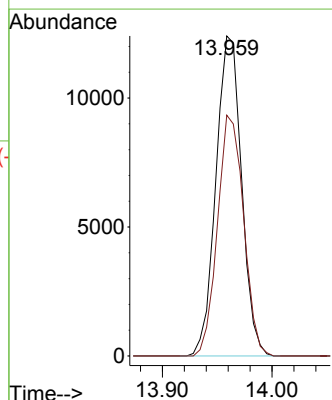
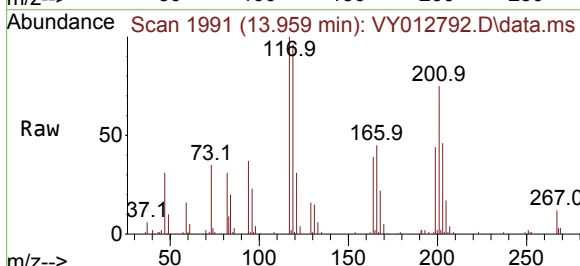
Acq: 03 Mar 2023 13:48

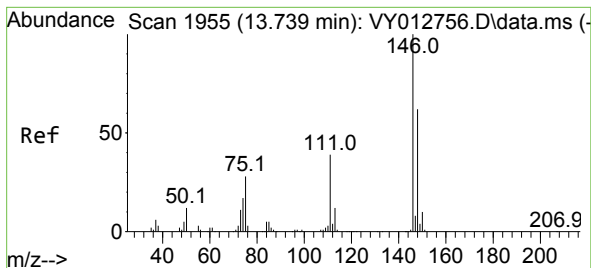
Tgt Ion: 117 Resp: 20172

Ion Ratio Lower Upper

117 100

201 76.5 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 21.253 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS02

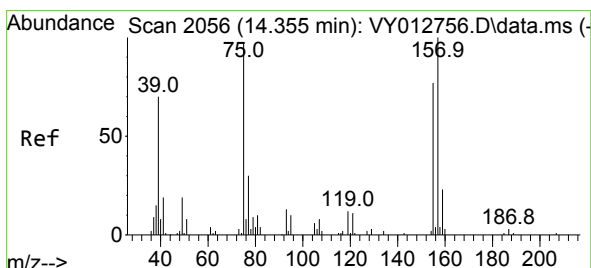
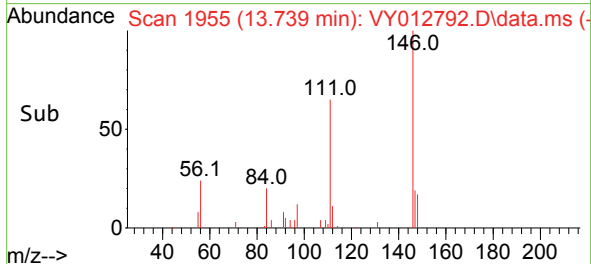
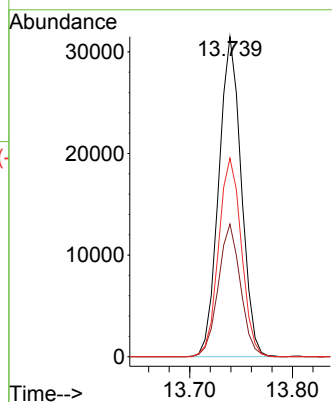
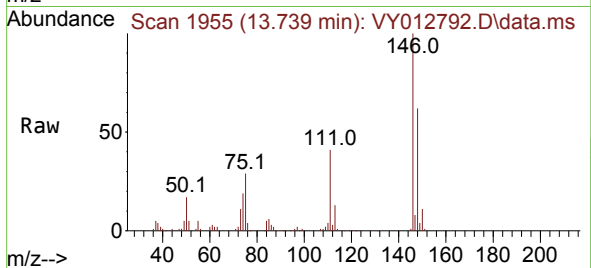
Tgt Ion:146 Resp: 47714

Ion Ratio Lower Upper

146 100

111 41.0 19.7 59.1

148 63.1 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.218 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

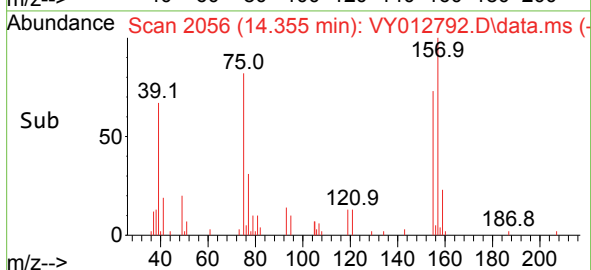
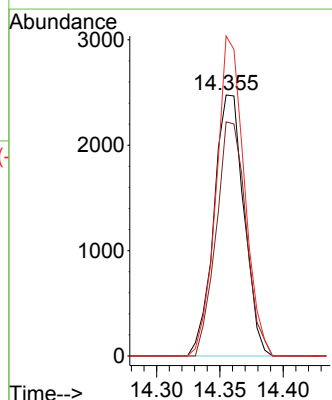
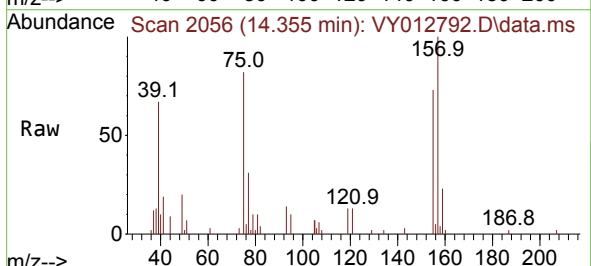
Tgt Ion: 75 Resp: 4086

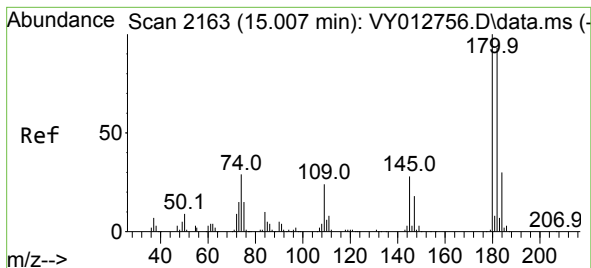
Ion Ratio Lower Upper

75 100

155 88.8 43.8 131.4

157 114.2 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 19.691 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS02

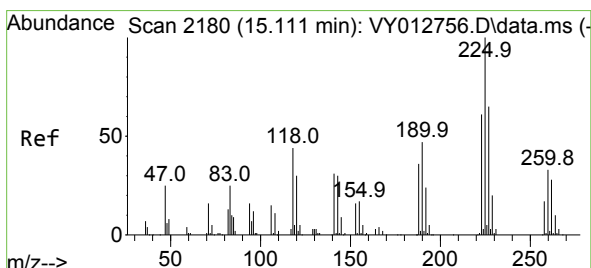
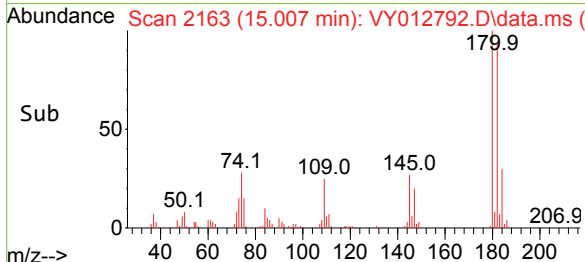
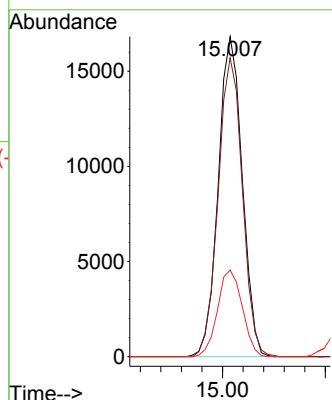
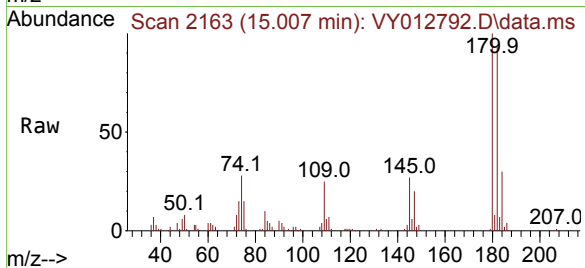
Tgt Ion:180 Resp: 27218

Ion Ratio Lower Upper

180 100

182 94.3 46.7 140.1

145 27.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 19.659 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

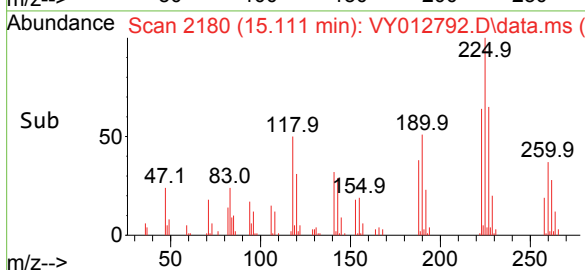
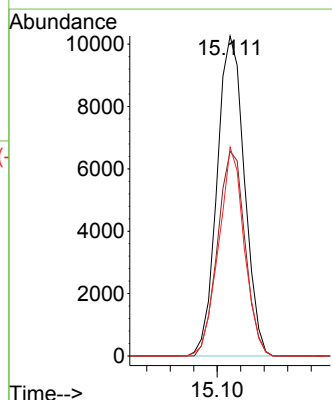
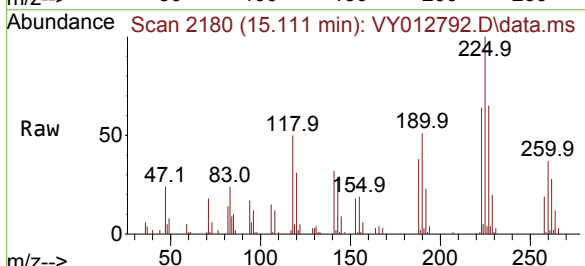
Tgt Ion:225 Resp: 16574

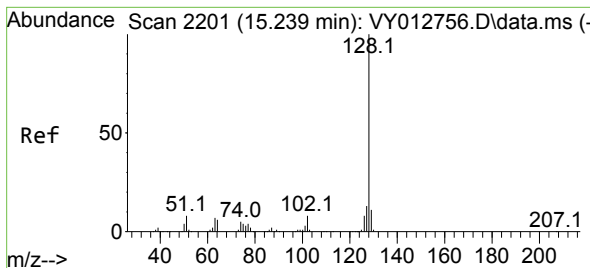
Ion Ratio Lower Upper

225 100

223 64.3 31.1 93.3

227 61.2 32.4 97.0





#95

Naphthalene

Concen: 19.089 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBSD02

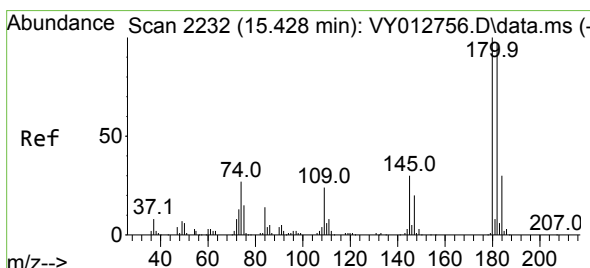
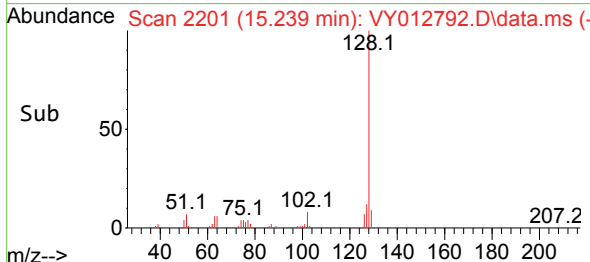
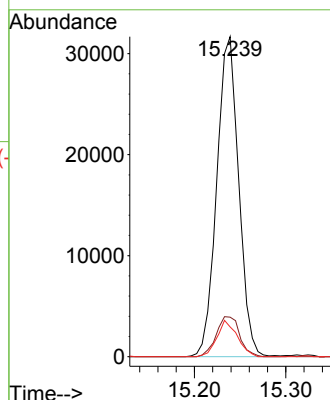
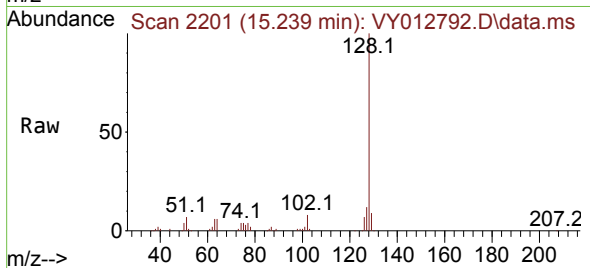
Tgt Ion:128 Resp: 52876

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.942 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY012792.D

Acq: 03 Mar 2023 13:48

Tgt Ion:180 Resp: 24515

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.3

145 30.7 15.3 45.8

