

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014630.D
 Acq On : 13 Jul 2023 16:25
 Operator : SY/MD
 Sample : VY0713SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Quant Time: Jul 14 04:25:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	310034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	505512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	445225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	221807	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	181560	51.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.780%	
35) Dibromofluoromethane	7.710	113	169222	52.587	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.180%	
50) Toluene-d8	10.173	98	617217	52.025	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.040%	
62) 4-Bromofluorobenzene	12.477	95	235062	51.672	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	64423	25.505	ug/l	95
3) Chloromethane	2.107	50	67565	23.796	ug/l	98
4) Vinyl Chloride	2.241	62	75396	23.760	ug/l	97
5) Bromomethane	2.619	94	46579	22.212	ug/l	97
6) Chloroethane	2.771	64	44339	22.369	ug/l	98
7) Trichlorofluoromethane	3.107	101	122054	22.902	ug/l	98
8) Diethyl Ether	3.521	74	43043	21.707	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	73923	22.630	ug/l	94
10) Methyl Iodide	4.076	142	67246	20.868	ug/l	97
11) Tert butyl alcohol	4.948	59	103303	131.319	ug/l #	91
12) 1,1-Dichloroethene	3.857	96	68760	22.522	ug/l	94
13) Acrolein	3.716	56	35485	96.097	ug/l	98
14) Allyl chloride	4.460	41	113723	20.979	ug/l	96
15) Acrylonitrile	5.149	53	120234	109.956	ug/l	96
16) Acetone	3.942	43	102134	91.228	ug/l	93
17) Carbon Disulfide	4.174	76	198098	22.664	ug/l	99
18) Methyl Acetate	4.466	43	94725	22.048	ug/l	92
19) Methyl tert-butyl Ether	5.204	73	215703	21.750	ug/l	100
20) Methylene Chloride	4.698	84	99101	25.150	ug/l	93
21) trans-1,2-Dichloroethene	5.204	96	75924	21.913	ug/l	97
22) Diisopropyl ether	6.106	45	234846	21.309	ug/l	94
23) Vinyl Acetate	6.045	43	696730	105.640	ug/l	96
24) 1,1-Dichloroethane	6.003	63	135881	21.548	ug/l	96
25) 2-Butanone	6.978	43	168333	102.774	ug/l	93
26) 2,2-Dichloropropane	6.966	77	125764	20.926	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	88990	22.066	ug/l	96
28) Bromochloromethane	7.326	49	58754	21.633	ug/l	94
29) Tetrahydrofuran	7.344	42	109960	109.029	ug/l	93
30) Chloroform	7.496	83	141205	21.714	ug/l	99
31) Cyclohexane	7.777	56	127567	21.752	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	127525	21.789	ug/l	100
36) 1,1-Dichloropropene	7.911	75	108470	22.540	ug/l	99
37) Ethyl Acetate	7.063	43	72837	21.983	ug/l #	95
38) Carbon Tetrachloride	7.893	117	113971	22.404	ug/l	100
39) Methylcyclohexane	9.179	83	140586	22.423	ug/l	96
40) Benzene	8.155	78	304428	22.243	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	100325	58.868	ug/l #	17
42) 1,2-Dichloroethane	8.228	62	93939	21.674	ug/l	94
43) Isopropyl Acetate	8.264	43	136175	21.576	ug/l	95
44) Trichloroethene	8.929	130	85598	22.353	ug/l	95
45) 1,2-Dichloropropane	9.209	63	78512	21.968	ug/l	98
46) Dibromomethane	9.301	93	47073	21.712	ug/l	96
47) Bromodichloromethane	9.490	83	111289	21.779	ug/l	100
48) Methyl methacrylate	9.289	41	61865	21.783	ug/l	92
49) 1,4-Dioxane	9.289	88	16217	458.719	ug/l #	55
51) 4-Methyl-2-Pentanone	10.063	43	369352	111.457	ug/l	94
52) Toluene	10.240	92	192730	22.006	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	119040	21.297	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	131922	21.703	ug/l	95
55) 1,1,2-Trichloroethane	10.636	97	64828	21.466	ug/l	98
56) Ethyl methacrylate	10.502	69	101449	22.001	ug/l	90
57) 1,3-Dichloropropane	10.782	76	113844	21.855	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	240512	111.942	ug/l	95
59) 2-Hexanone	10.825	43	263315	108.959	ug/l	92
60) Dibromochloromethane	10.977	129	80641	21.778	ug/l	98
61) 1,2-Dibromoethane	11.081	107	66645	22.120	ug/l	99
64) Tetrachloroethene	10.715	164	83699	23.374	ug/l	97
65) Chlorobenzene	11.514	112	209518	22.083	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	77841	21.760	ug/l	98
67) Ethyl Benzene	11.587	91	377061	22.012	ug/l	100
68) m/p-Xylenes	11.697	106	288390	44.103	ug/l	97
69) o-Xylene	12.026	106	140123	22.001	ug/l	98
70) Styrene	12.038	104	236052	21.990	ug/l	98
71) Bromoform	12.203	173	53097	21.898	ug/l #	100
73) Isopropylbenzene	12.325	105	370071	21.308	ug/l	99
74) N-amyl acetate	12.136	43	122776	21.107	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	82909	20.934	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	111946	39.961	ug/l #	100
77) Bromobenzene	12.605	156	84195	21.238	ug/l	94
78) n-propylbenzene	12.666	91	450985	21.549	ug/l	100
79) 2-Chlorotoluene	12.751	91	251571	20.870	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	309374	21.330	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	30419	21.024	ug/l	93
82) 4-Chlorotoluene	12.849	91	259562	20.908	ug/l	99
83) tert-Butylbenzene	13.068	119	278271	21.628	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	305537	21.465	ug/l	98
85) sec-Butylbenzene	13.251	105	405867	21.504	ug/l	100
86) p-Isopropyltoluene	13.367	119	335739	21.787	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	165238	21.416	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	166209	21.497	ug/l	97
89) n-Butylbenzene	13.690	91	321445	21.440	ug/l	96
90) Hexachloroethane	13.959	117	67699	21.388	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	151382	21.414	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	15707	20.738	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	94955	21.160	ug/l	97
94) Hexachlorobutadiene	15.105	225	53500	21.695	ug/l	97
95) Naphthalene	15.233	128	221760	21.211	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	85229	21.370	ug/l	98

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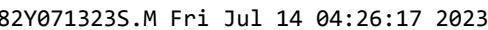
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

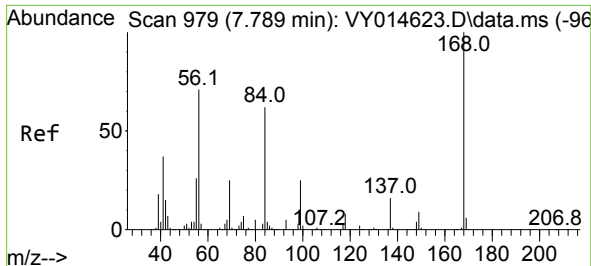
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Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

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

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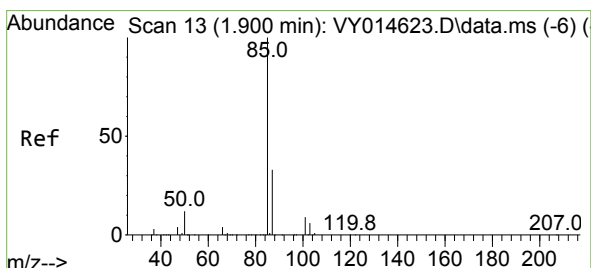
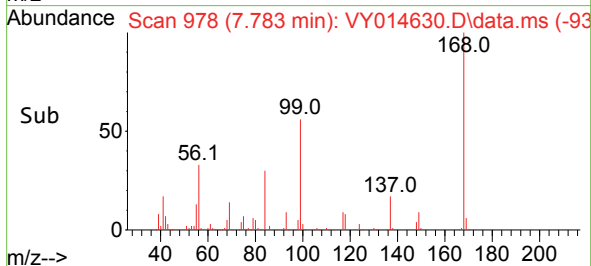
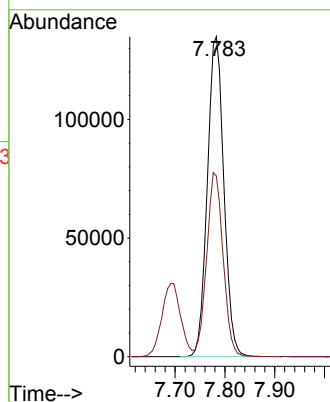
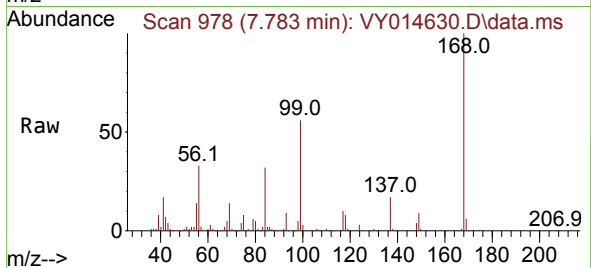




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014630.D
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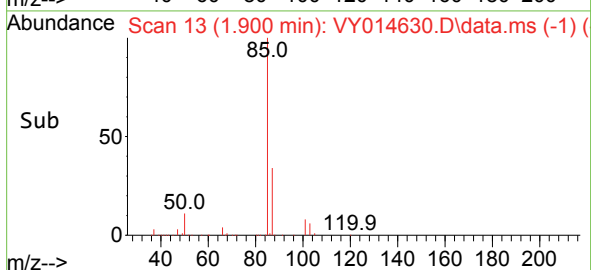
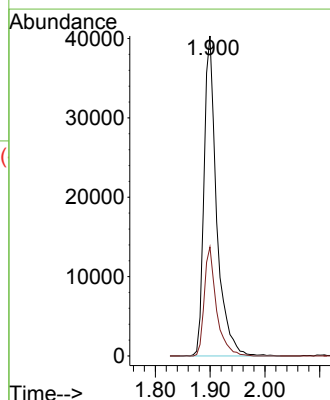
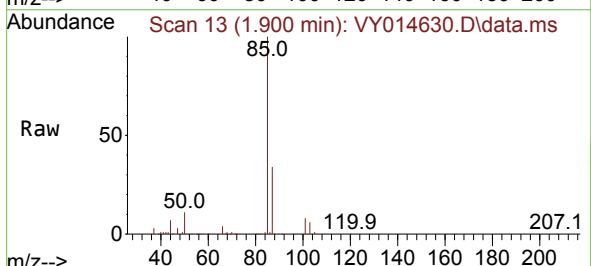
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

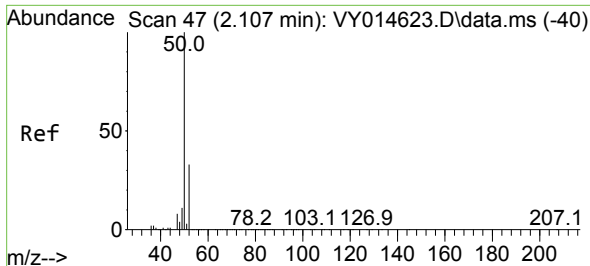
Tgt Ion:168 Resp: 310034
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 25.505 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

Tgt Ion: 85 Resp: 64423
Ion Ratio Lower Upper
85 100
87 34.0 15.6 46.8

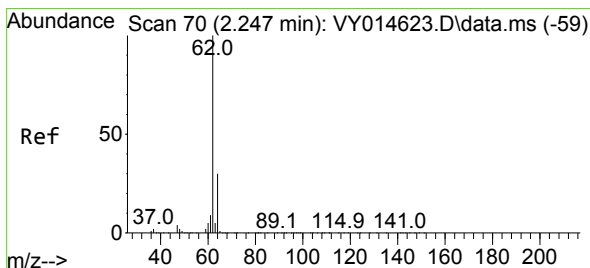
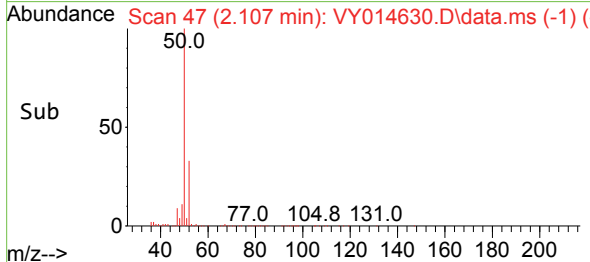
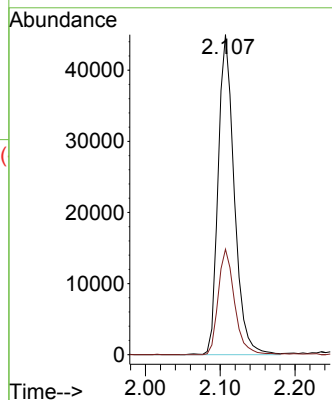
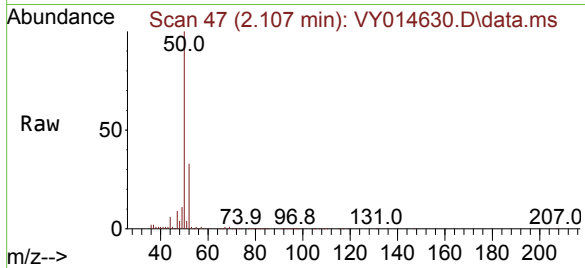




#3
Chloromethane
Concen: 23.796 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

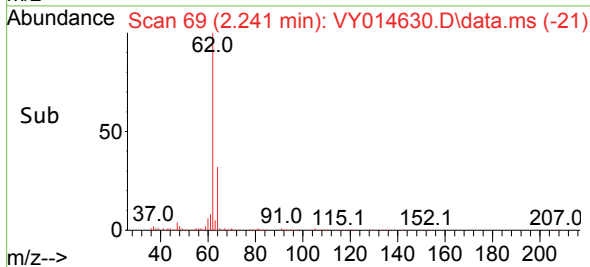
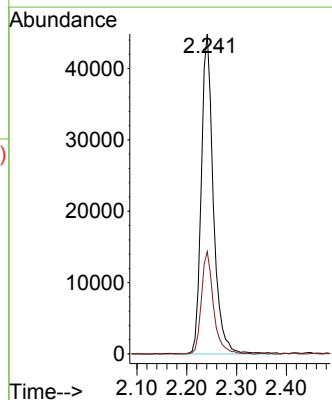
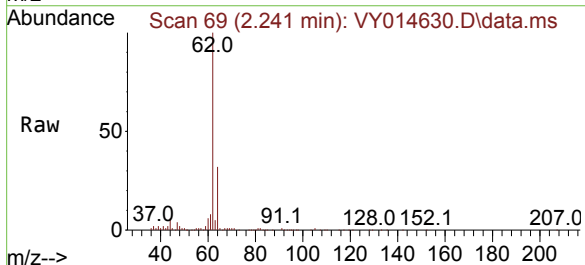
Instrument :
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VY0713SBS01

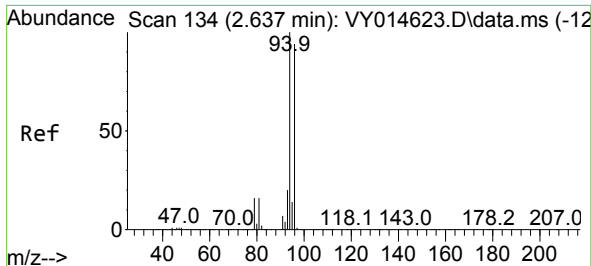
Tgt Ion: 50 Resp: 67565
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2



#4
Vinyl Chloride
Concen: 23.760 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

Tgt Ion: 62 Resp: 75396
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5

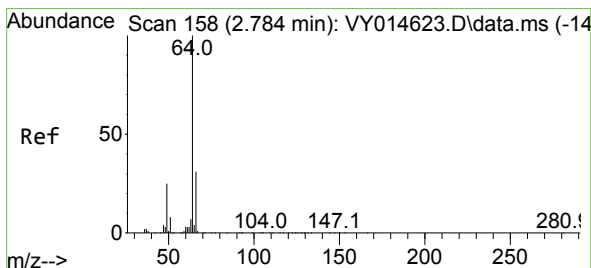
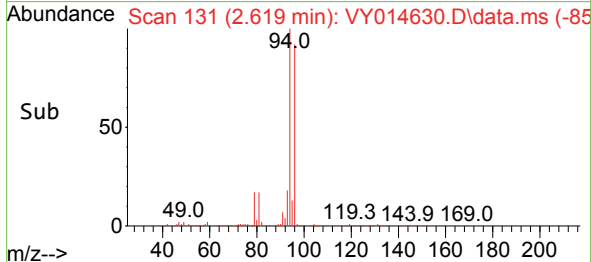
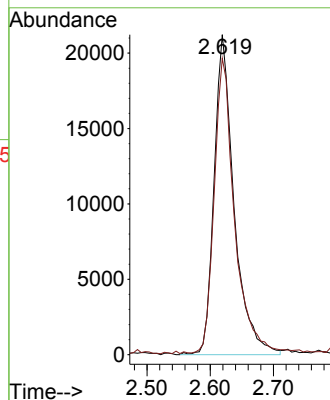
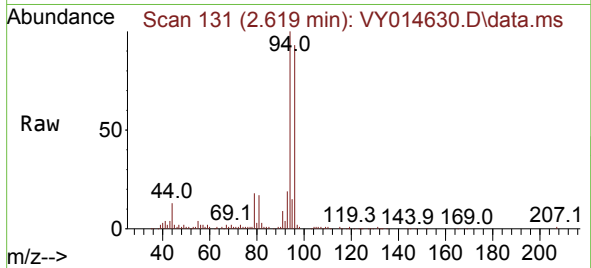




#5
Bromomethane
Concen: 22.212 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

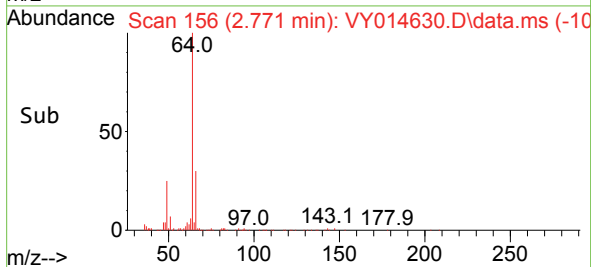
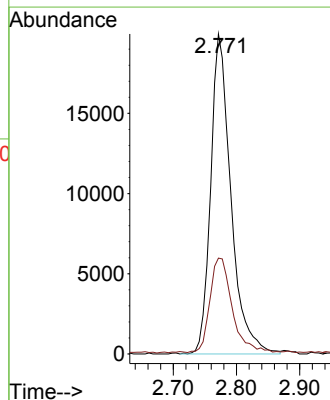
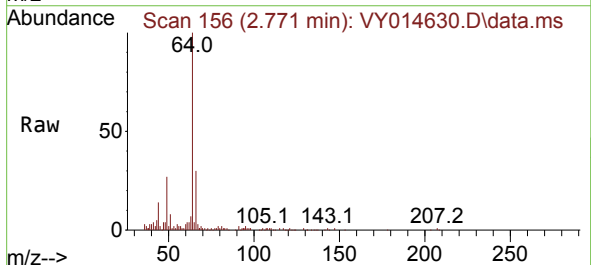
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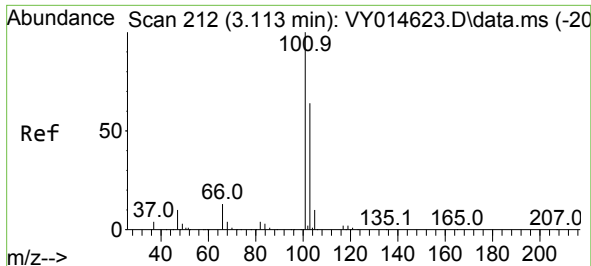
Tgt Ion: 94 Resp: 46579
Ion Ratio Lower Upper
94 100
96 92.2 75.8 113.6



#6
Chloroethane
Concen: 22.369 ug/l
RT: 2.771 min Scan# 156
Delta R.T. -0.013 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

Tgt Ion: 64 Resp: 44339
Ion Ratio Lower Upper
64 100
66 29.3 24.4 36.6

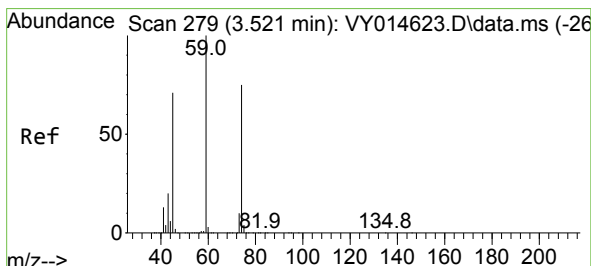
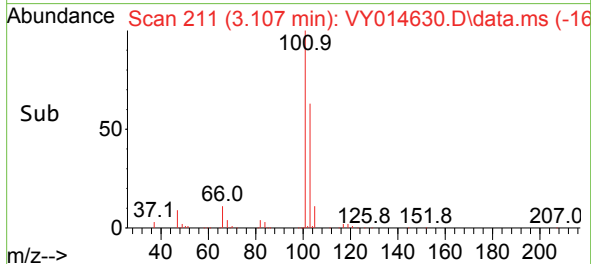
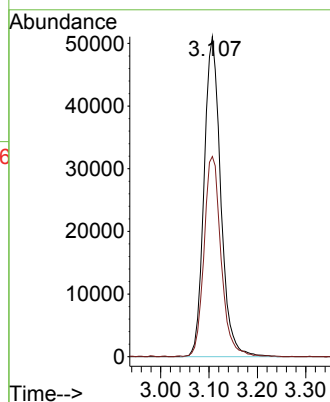
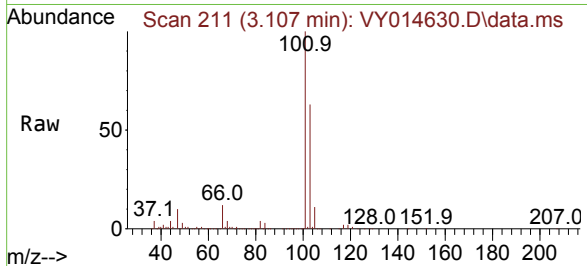




#7
 Trichlorofluoromethane
 Concen: 22.902 ug/l
 RT: 3.107 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VY014630.D
 Acq: 13 Jul 2023 16:25

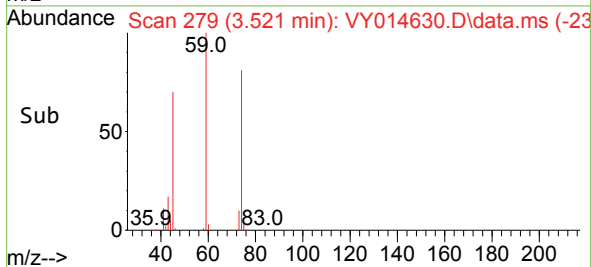
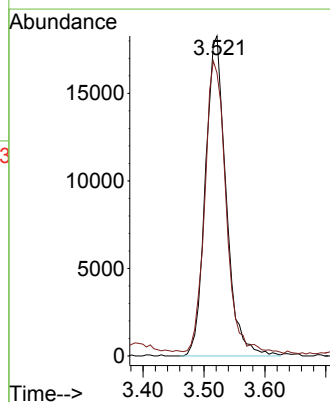
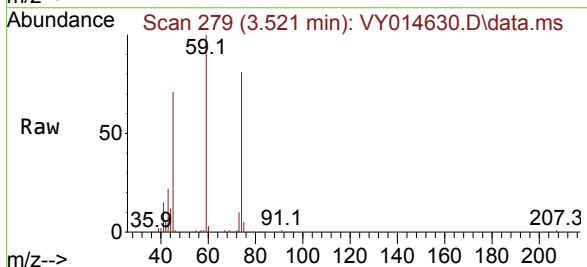
Instrument :
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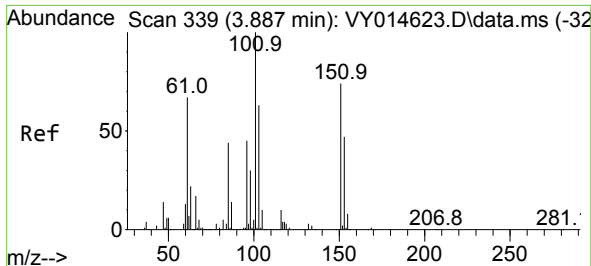
Tgt Ion:101 Resp: 122054
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 21.707 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY014630.D
 Acq: 13 Jul 2023 16:25

Tgt Ion: 74 Resp: 43043
 Ion Ratio Lower Upper
 74 100
 45 94.0 51.5 154.5

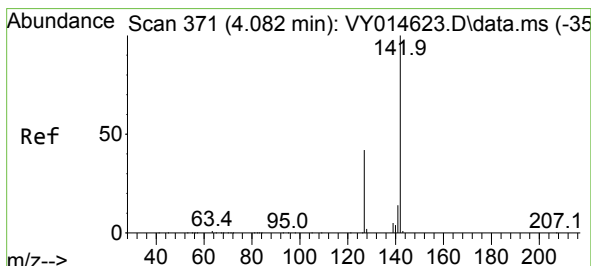
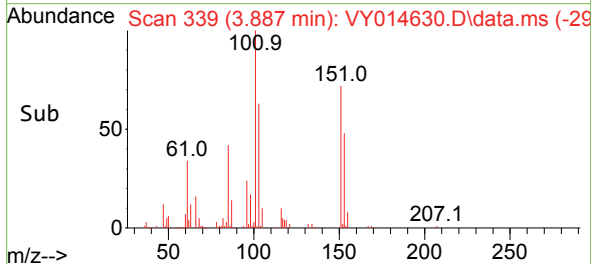
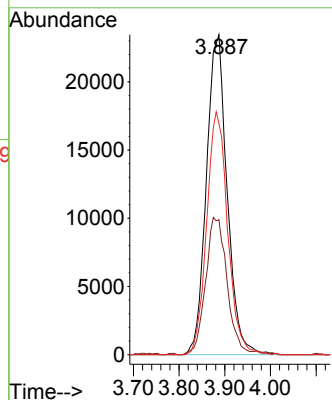
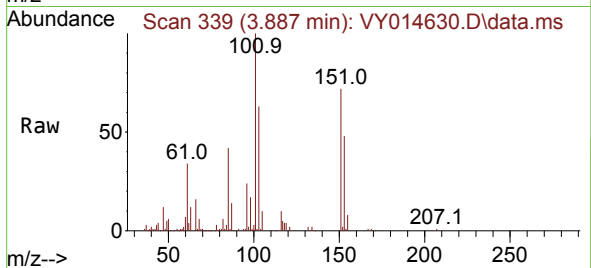




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.630 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

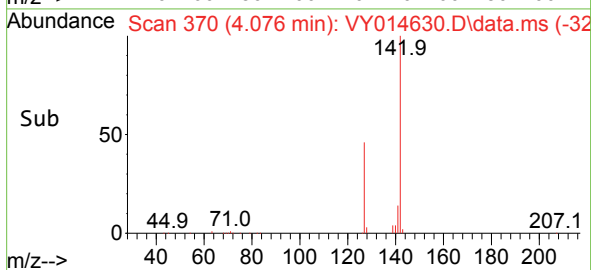
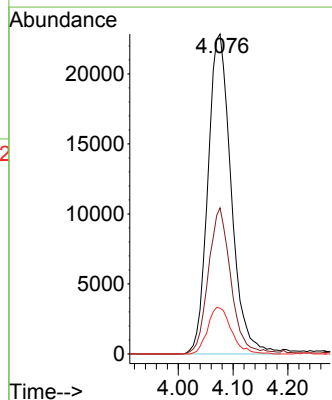
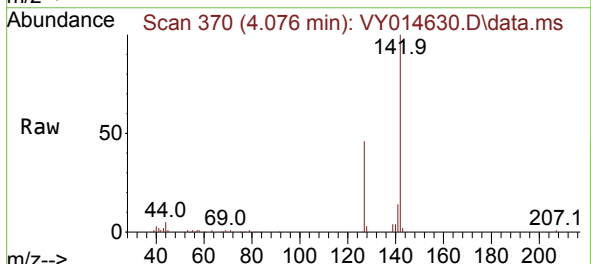
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

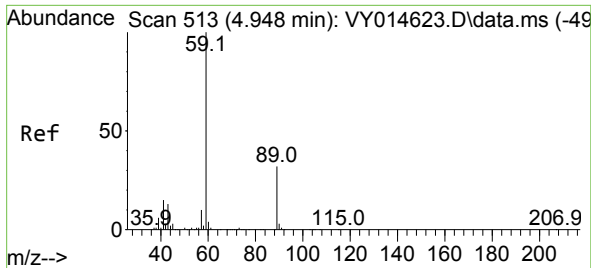
Tgt Ion:101 Resp: 73923
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 76.8 67.0 100.6



#10
Methyl Iodide
Concen: 20.868 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

Tgt Ion:142 Resp: 67246
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 14.9 11.8 17.8

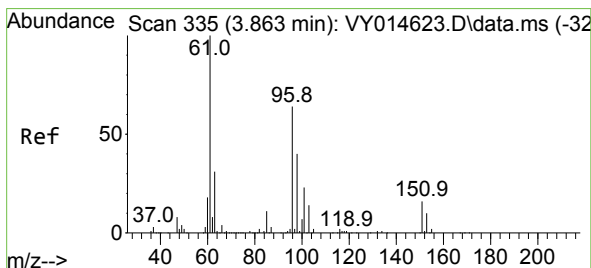
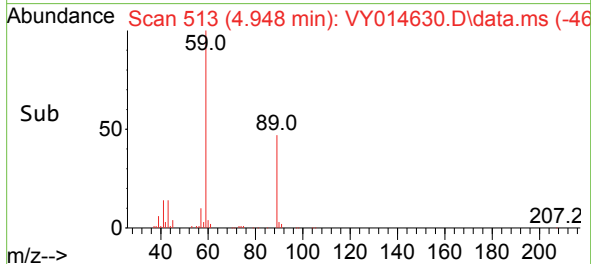
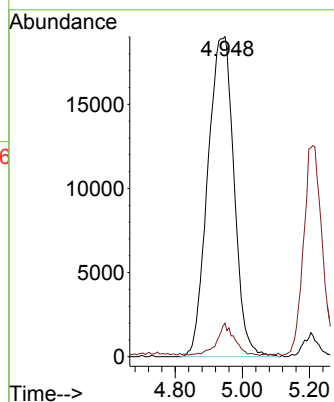
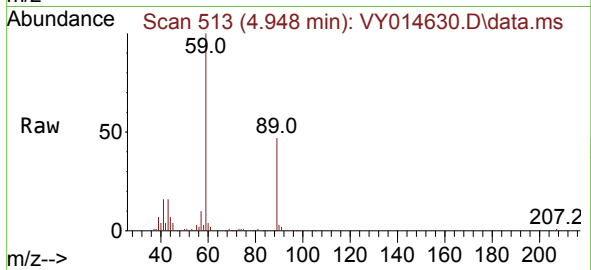




#11
Tert butyl alcohol
Concen: 131.319 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

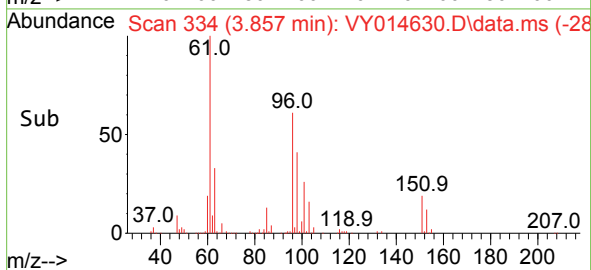
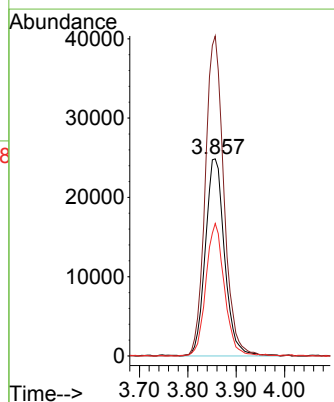
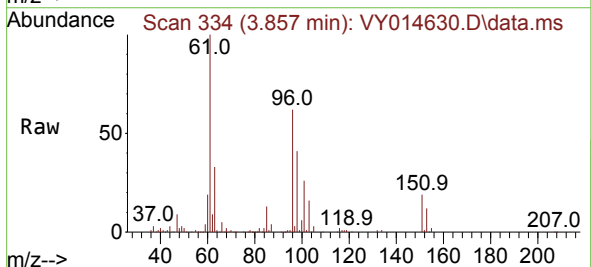
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

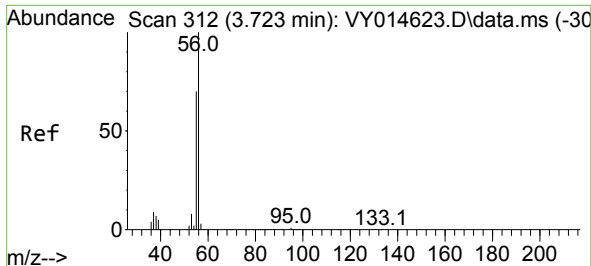
Tgt Ion: 59 Resp: 103303
Ion Ratio Lower Upper
59 100
57 6.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 22.522 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

Tgt Ion: 96 Resp: 68760
Ion Ratio Lower Upper
96 100
61 162.4 136.4 204.6
98 67.0 49.4 74.2





#13

Acrolein

Concen: 96.097 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.007 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

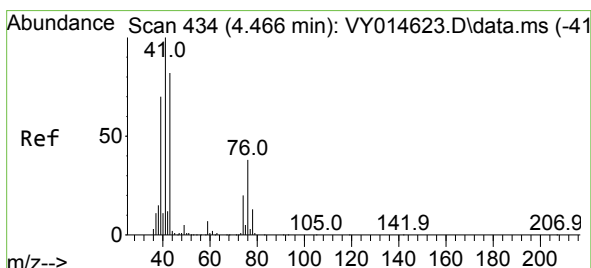
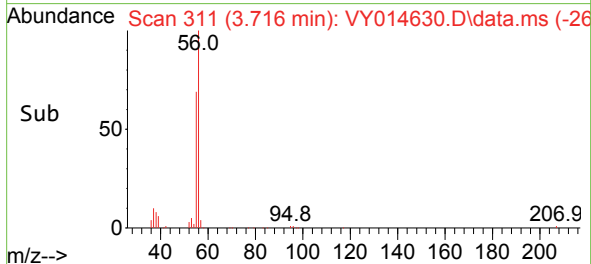
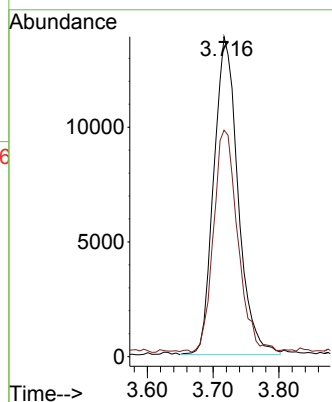
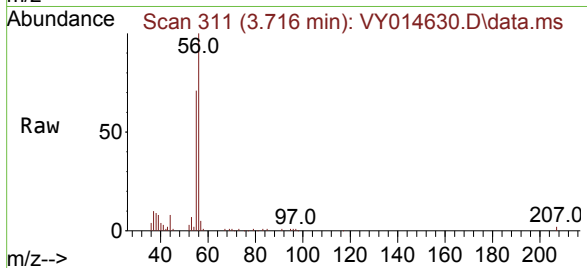
VY0713SBS01

Tgt Ion: 56 Resp: 35485

Ion Ratio Lower Upper

56 100

55 69.6 57.0 85.4



#14

Allyl chloride

Concen: 20.979 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

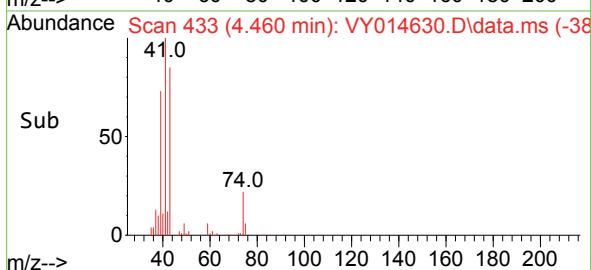
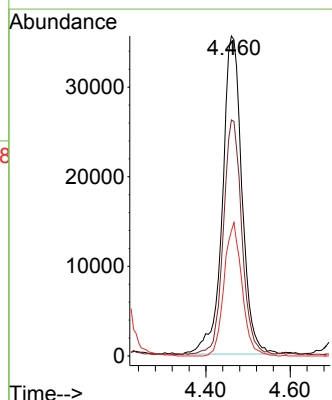
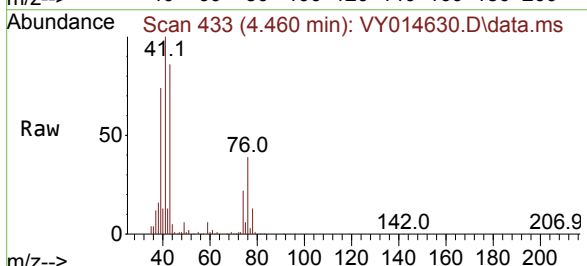
Tgt Ion: 41 Resp: 113723

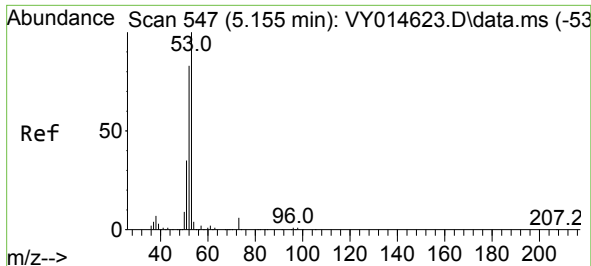
Ion Ratio Lower Upper

41 100

39 70.1 58.0 87.0

76 38.4 27.4 41.2

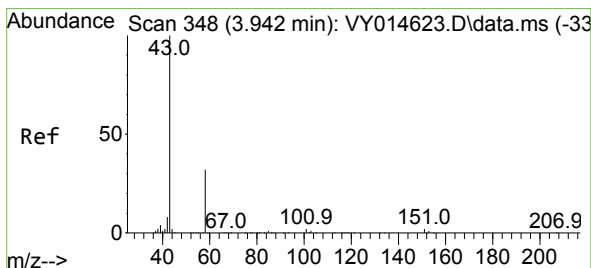
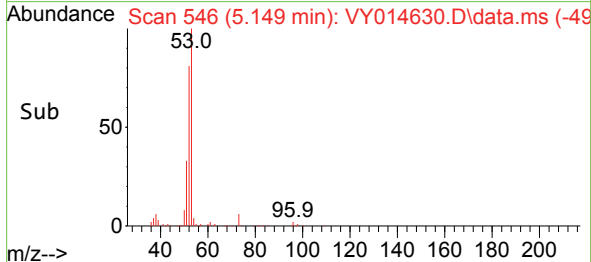
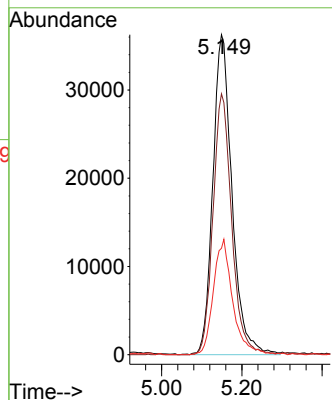
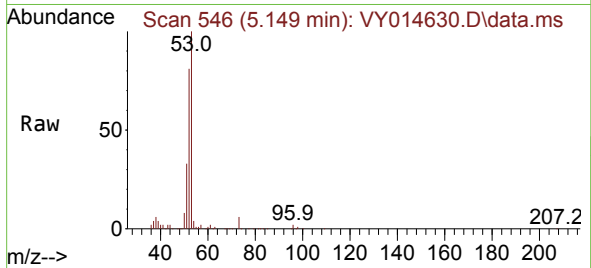




#15
Acrylonitrile
Concen: 109.956 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

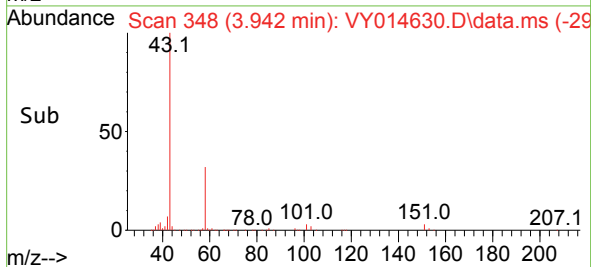
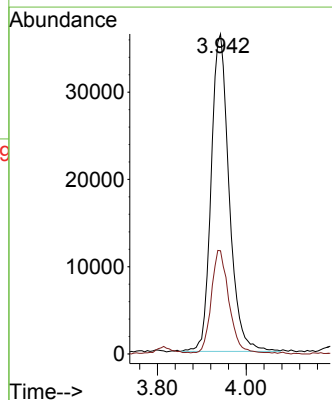
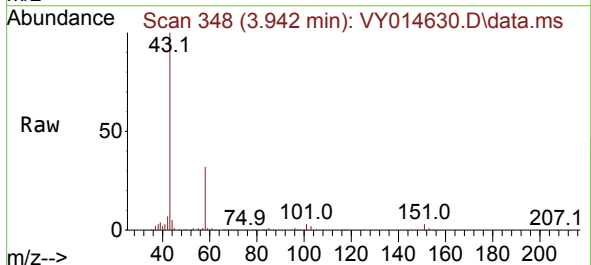
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

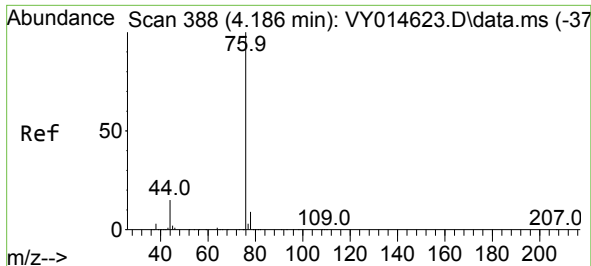
Tgt Ion: 53 Resp: 120234
Ion Ratio Lower Upper
53 100
52 79.5 66.9 100.3
51 36.2 29.8 44.6



#16
Acetone
Concen: 91.228 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

Tgt Ion: 43 Resp: 102134
Ion Ratio Lower Upper
43 100
58 32.1 22.7 34.1

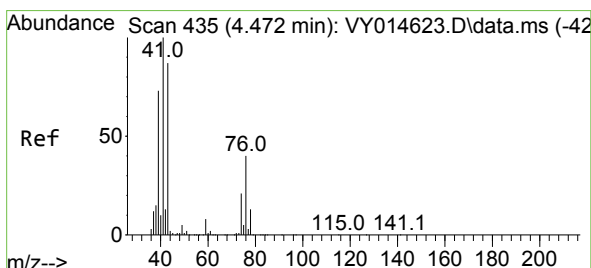
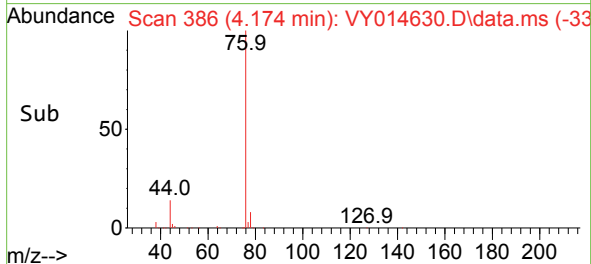
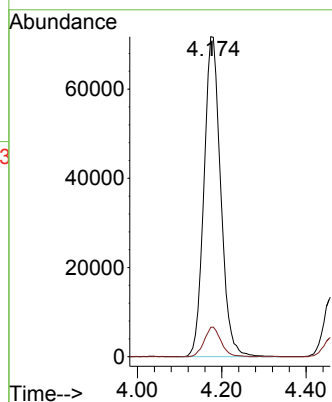
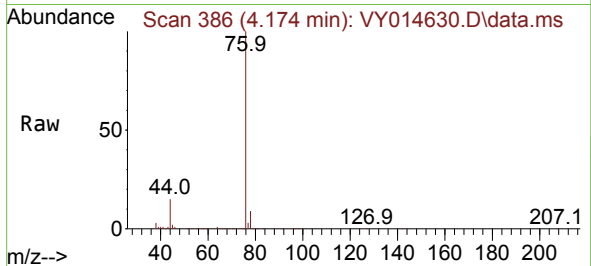




#17
Carbon Disulfide
Concen: 22.664 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.012 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

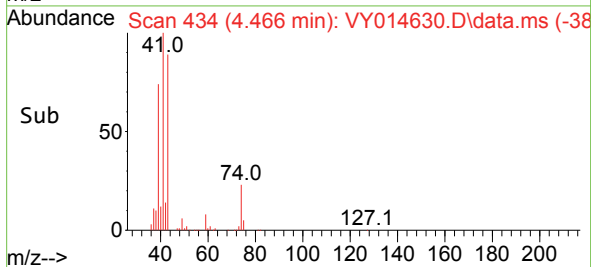
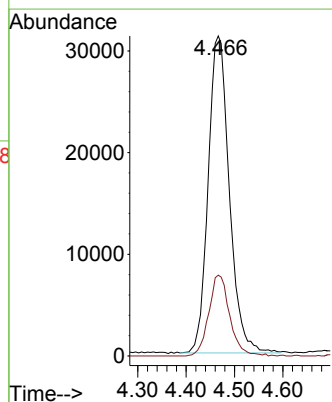
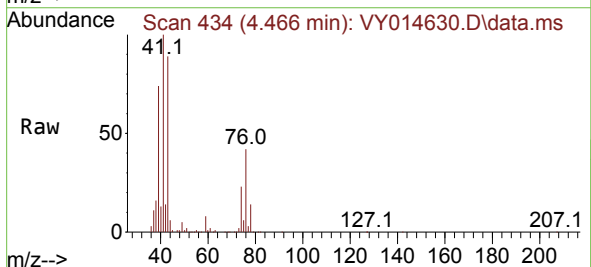
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

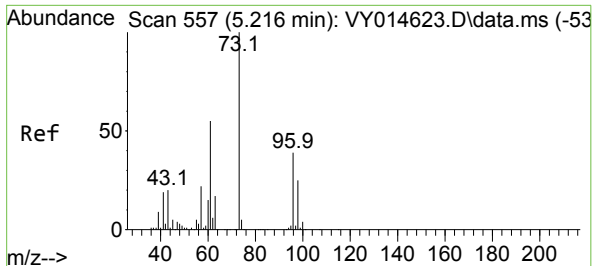
Tgt Ion: 76 Resp: 198098
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 22.048 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

Tgt Ion: 43 Resp: 94725
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 21.750 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

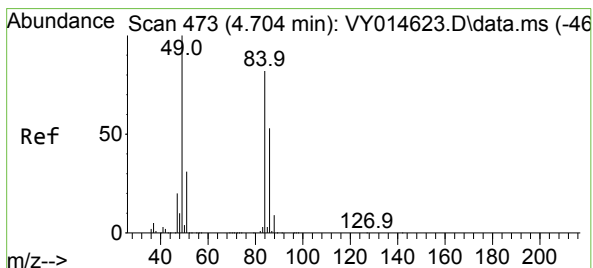
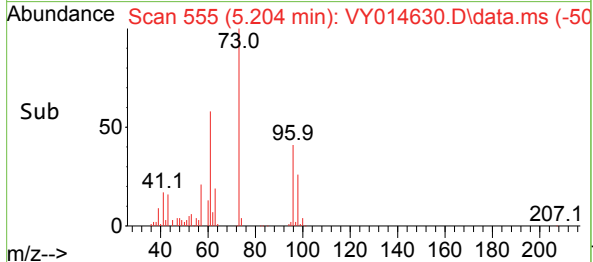
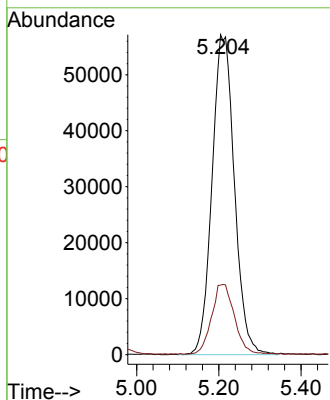
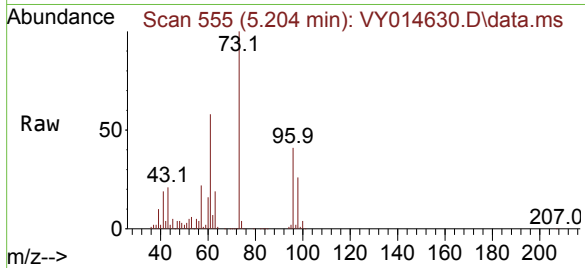
VY0713SBS01

Tgt Ion: 73 Resp: 215703

Ion Ratio Lower Upper

73 100

57 21.6 17.3 25.9



#20

Methylene Chloride

Concen: 25.150 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Tgt Ion: 84 Resp: 99101

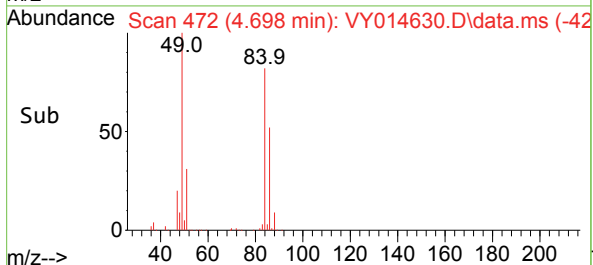
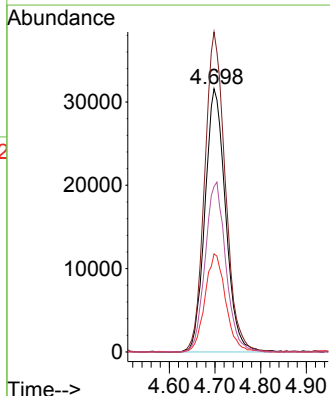
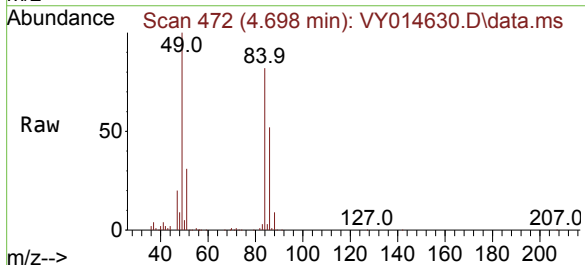
Ion Ratio Lower Upper

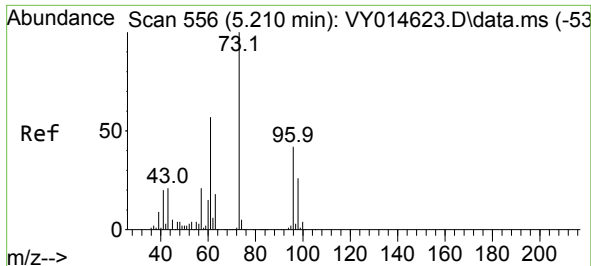
84 100

49 121.6 106.9 160.3

51 37.3 33.2 49.8

86 62.9 51.0 76.6

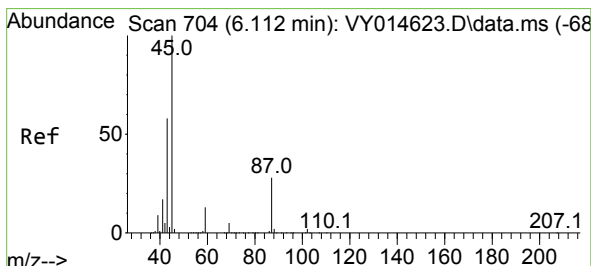
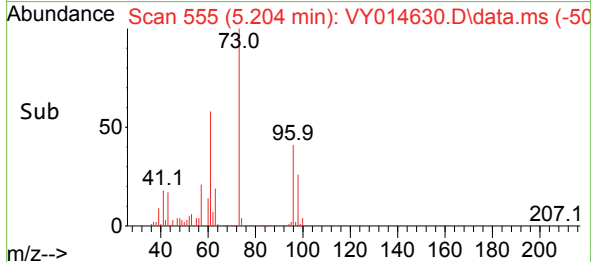
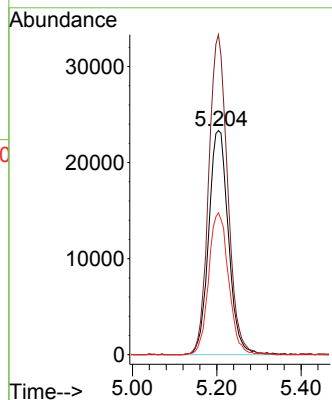
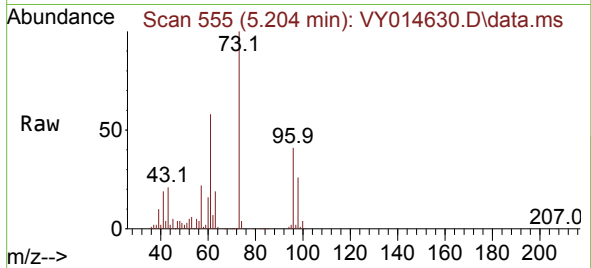




#21
trans-1,2-Dichloroethene
Concen: 21.913 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

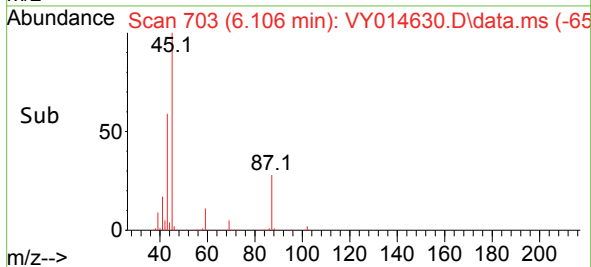
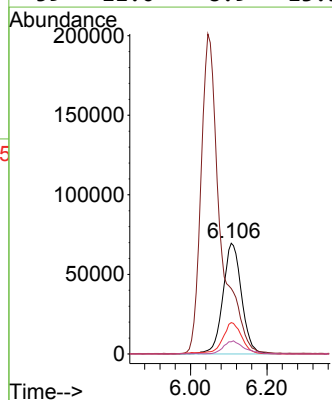
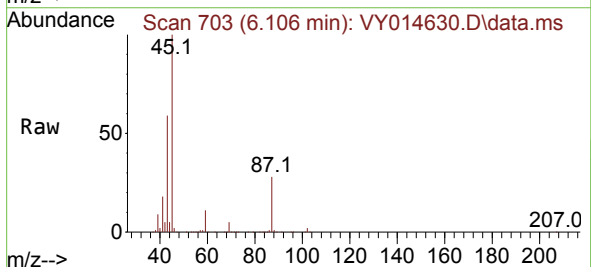
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

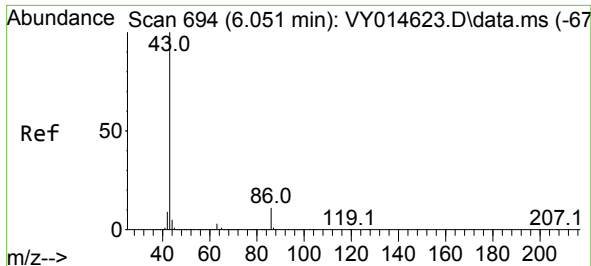
Tgt Ion: 96 Resp: 75924
Ion Ratio Lower Upper
96 100
61 142.7 110.2 165.4
98 63.3 51.8 77.6



#22
Diisopropyl ether
Concen: 21.309 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

Tgt Ion: 45 Resp: 234846
Ion Ratio Lower Upper
45 100
43 58.6 52.2 78.4
87 28.3 21.0 31.6
59 11.0 8.9 13.3

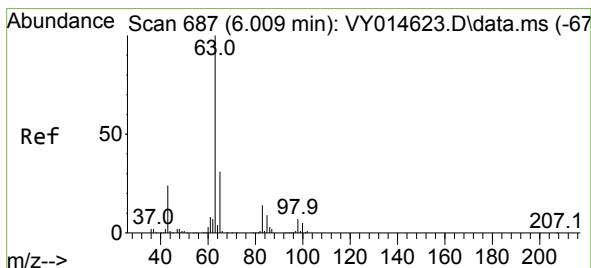
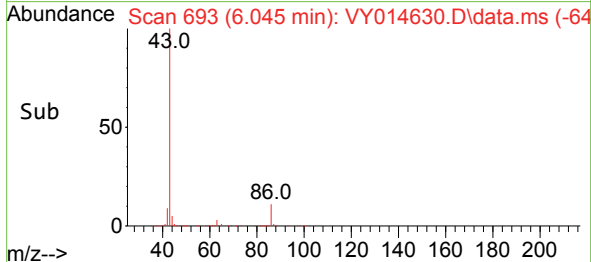
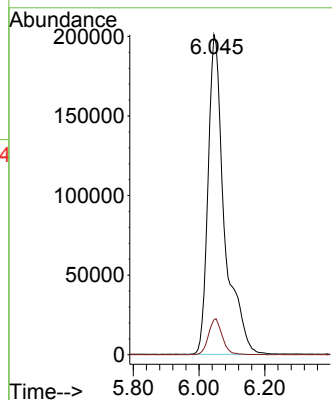
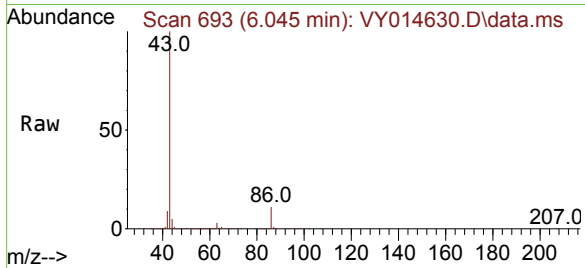




#23
 Vinyl Acetate
 Concen: 105.640 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY014630.D
 Acq: 13 Jul 2023 16:25

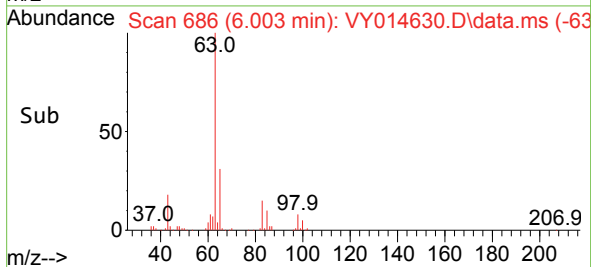
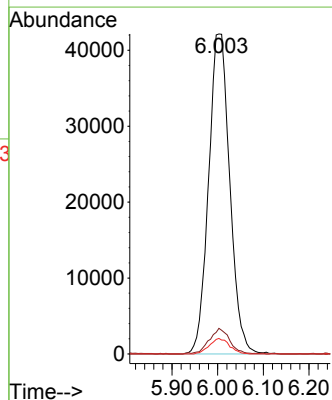
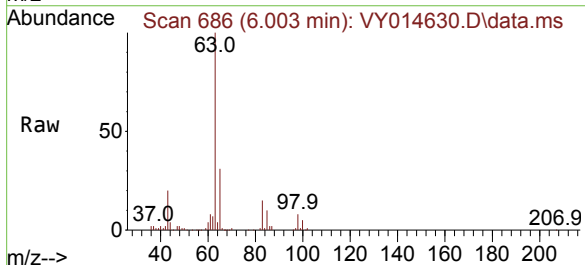
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

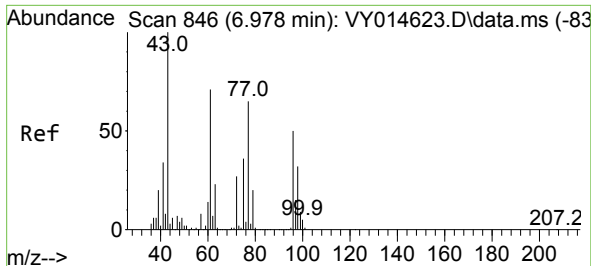
Tgt Ion: 43 Resp: 696730
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 21.548 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY014630.D
 Acq: 13 Jul 2023 16:25

Tgt Ion: 63 Resp: 135881
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.1 9.4
 100 4.8 1.8 5.5





#25

2-Butanone

Concen: 102.774 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

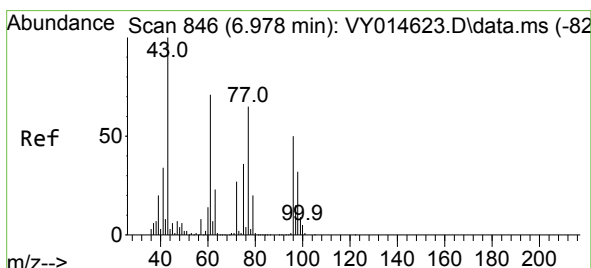
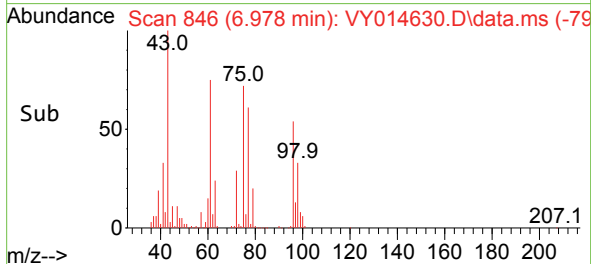
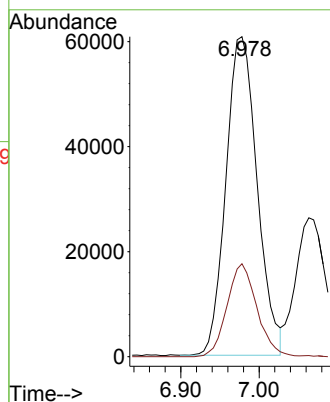
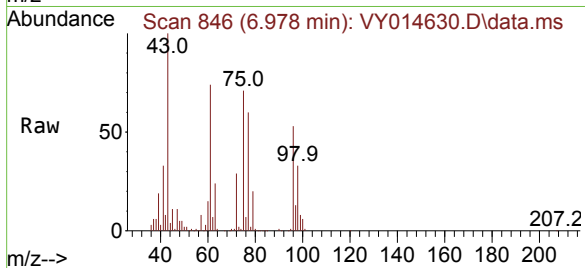
VY0713SBS01

Tgt Ion: 43 Resp: 168333

Ion Ratio Lower Upper

43 100

72 29.2 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.926 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY014630.D

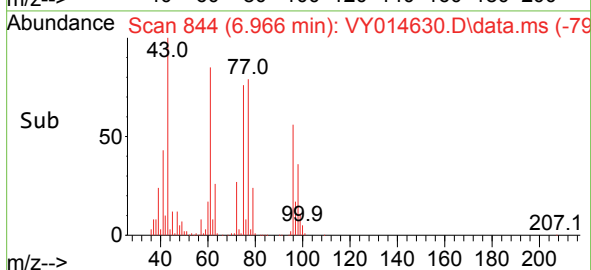
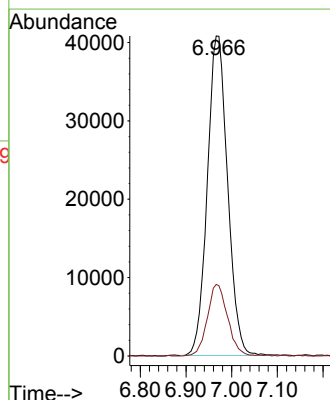
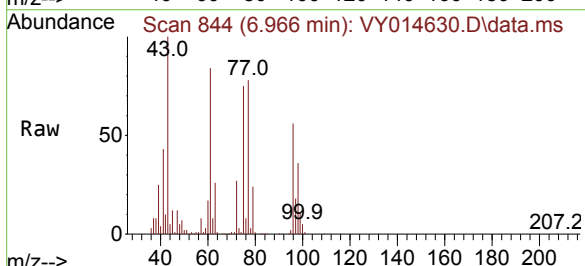
Acq: 13 Jul 2023 16:25

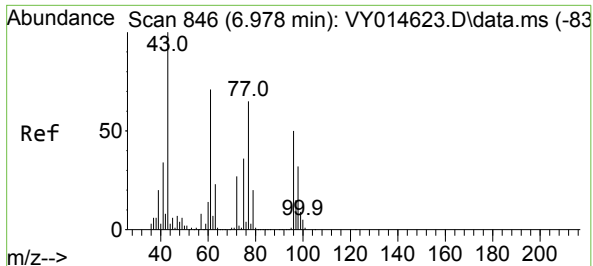
Tgt Ion: 77 Resp: 125764

Ion Ratio Lower Upper

77 100

97 22.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 22.066 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

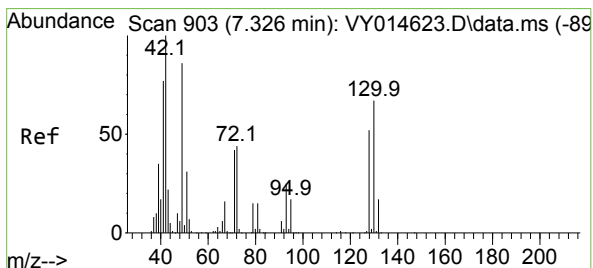
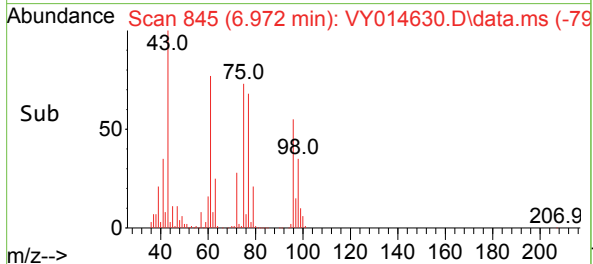
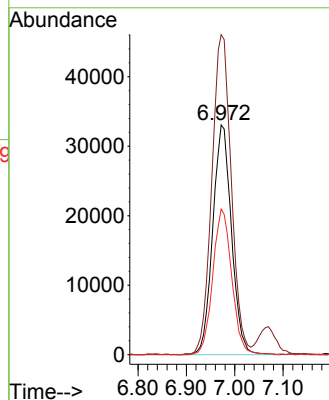
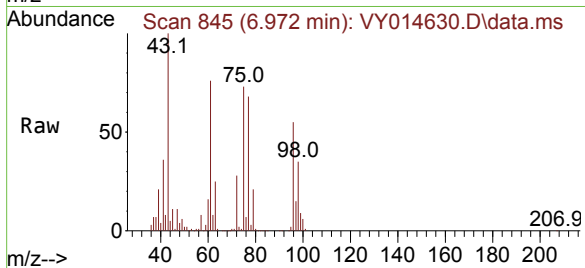
Tgt Ion: 96 Resp: 88990

Ion Ratio Lower Upper

96 100

61 144.3 0.0 301.4

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 21.633 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

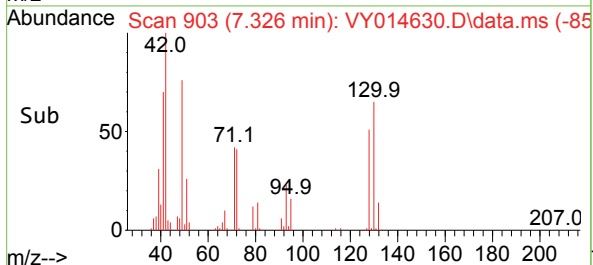
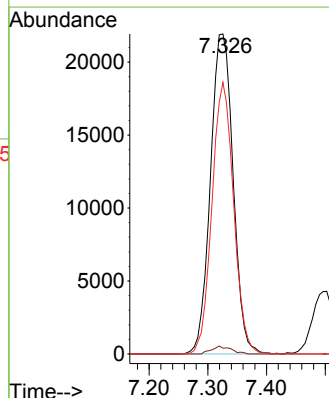
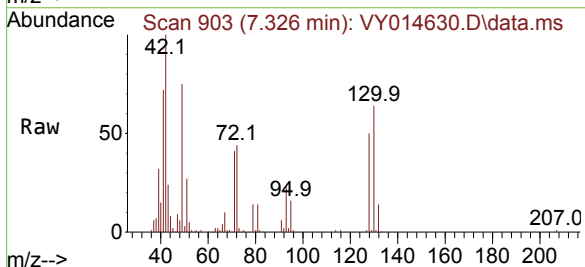
Tgt Ion: 49 Resp: 58754

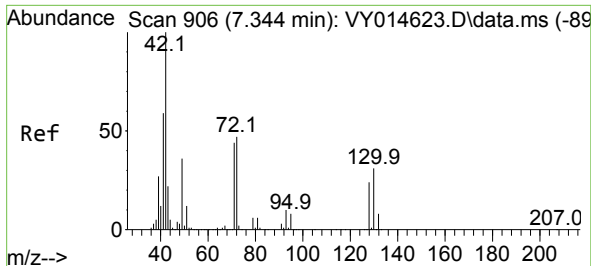
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 81.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 109.029 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

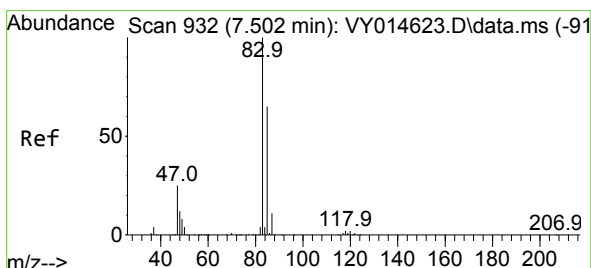
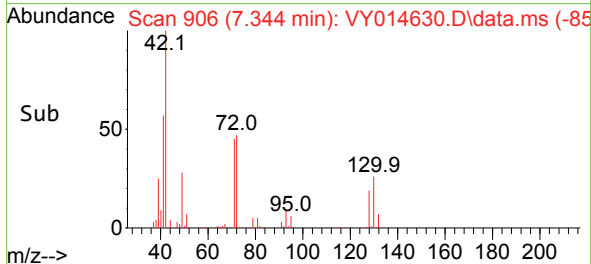
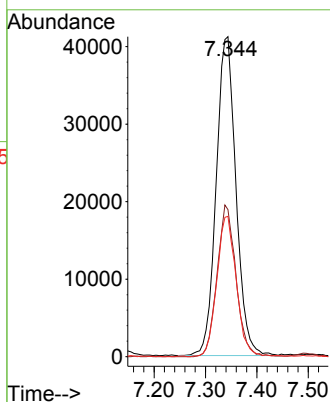
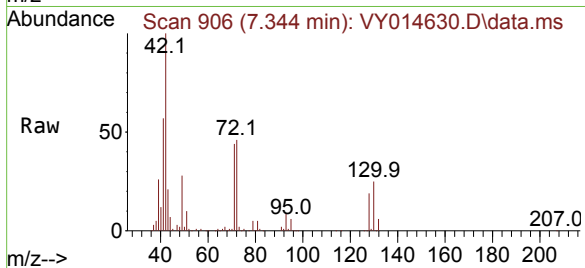
Tgt Ion: 42 Resp: 109960

Ion Ratio Lower Upper

42 100

72 45.6 32.8 49.2

71 43.3 31.0 46.4



#30

Chloroform

Concen: 21.714 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY014630.D

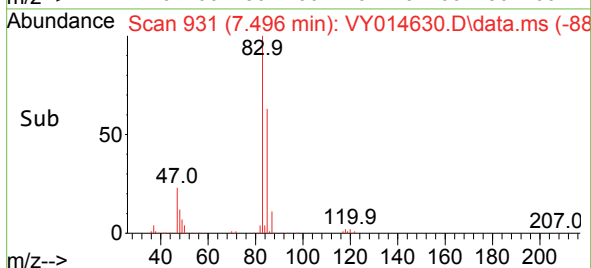
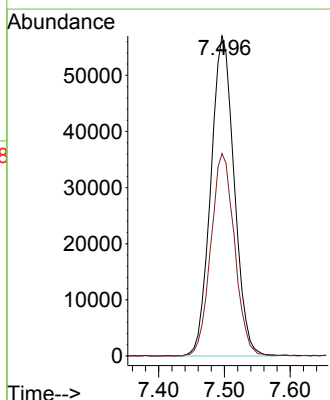
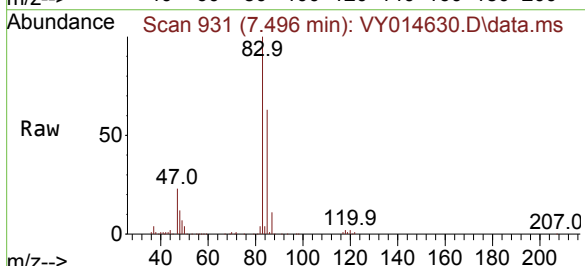
Acq: 13 Jul 2023 16:25

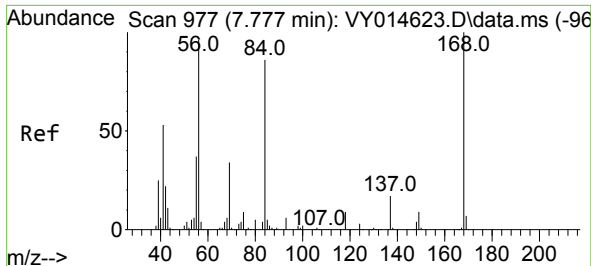
Tgt Ion: 83 Resp: 141205

Ion Ratio Lower Upper

83 100

85 63.1 49.7 74.5

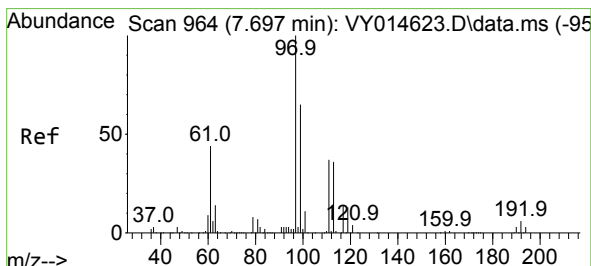
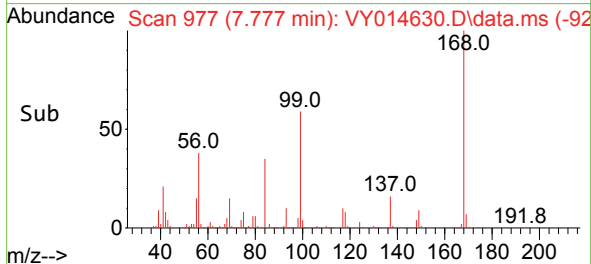
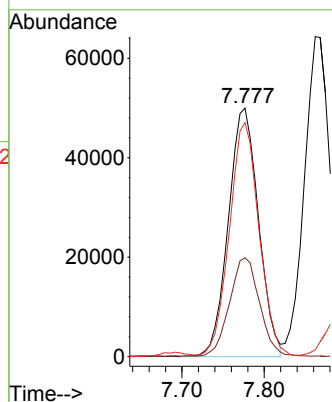
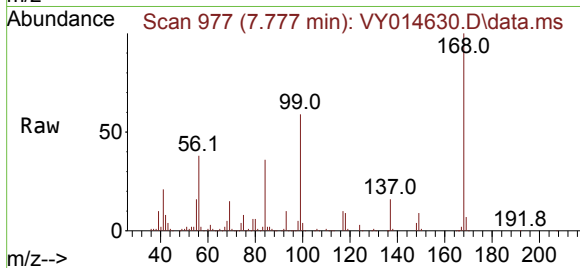




#31
Cyclohexane
Concen: 21.752 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

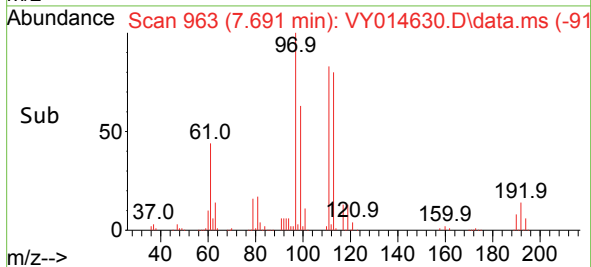
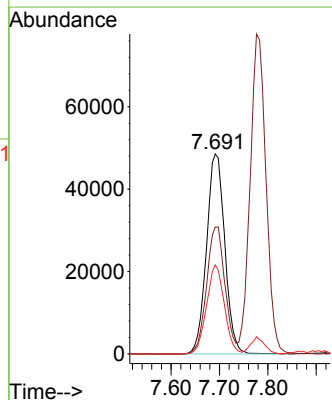
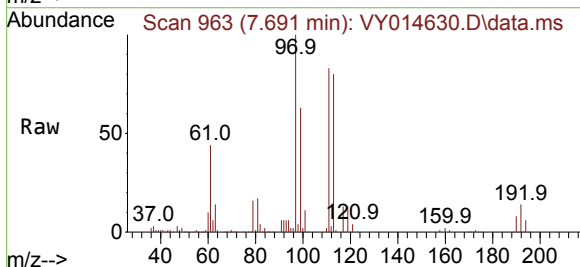
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

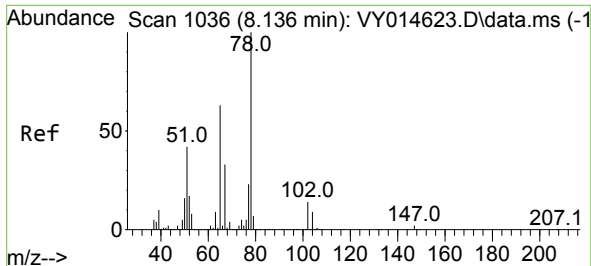
Tgt Ion: 56 Resp: 127567
Ion Ratio Lower Upper
56 100
69 39.5 27.8 41.6
84 92.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.789 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

Tgt Ion: 97 Resp: 127525
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 43.2 35.1 52.7

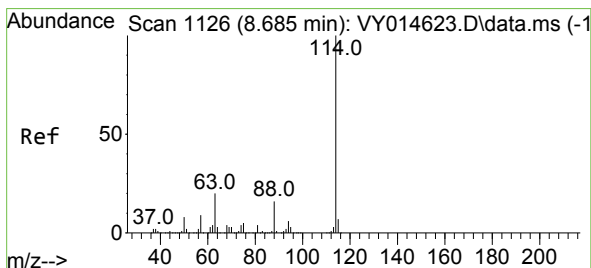
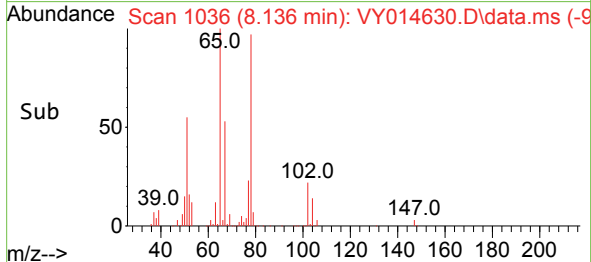
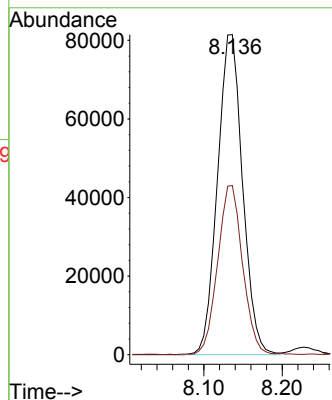
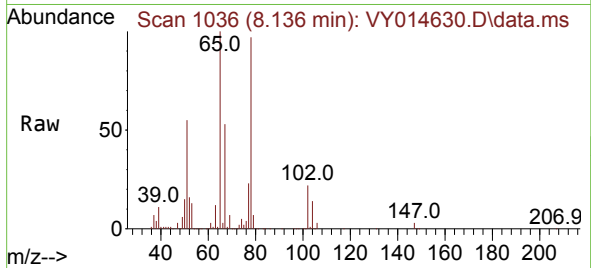




#33
 1,2-Dichloroethane-d4
 Concen: 51.390 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014630.D
 Acq: 13 Jul 2023 16:25

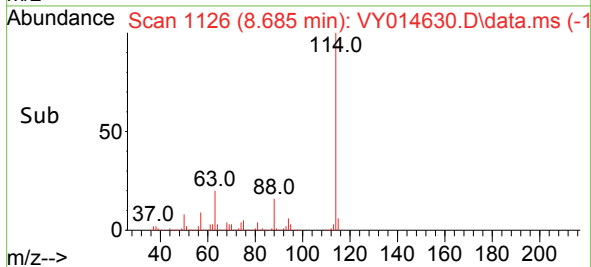
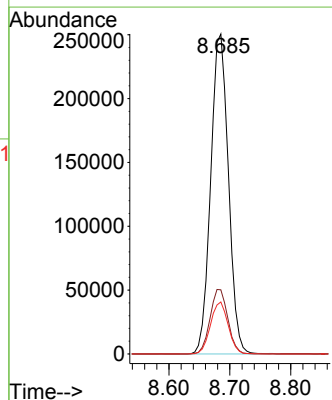
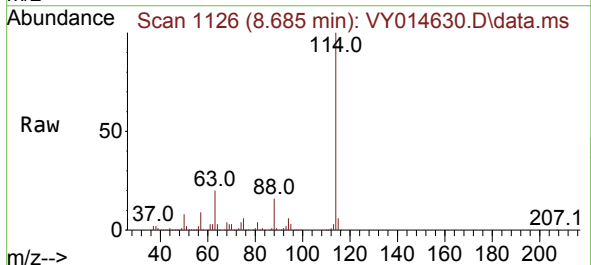
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

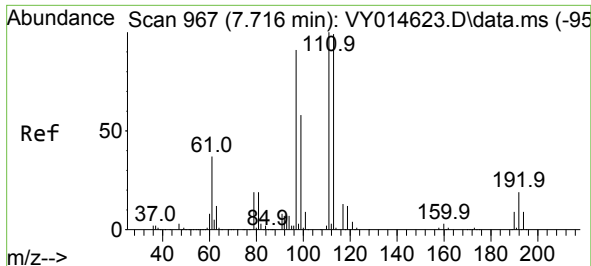
Tgt Ion: 65 Resp: 181560
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014630.D
 Acq: 13 Jul 2023 16:25

Tgt Ion: 114 Resp: 505512
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 16.2 0.0 30.6

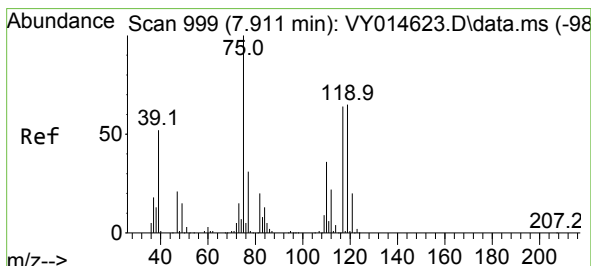
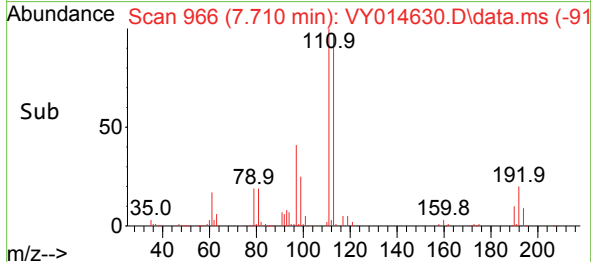
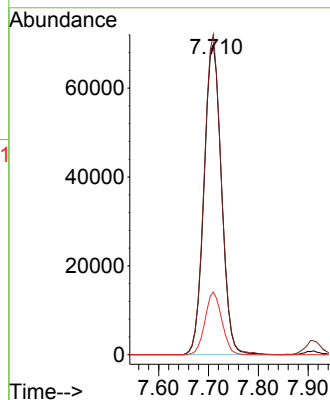
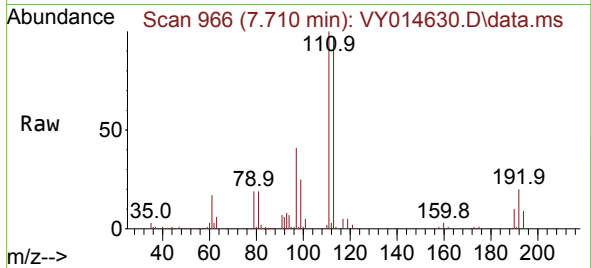




#35
Dibromofluoromethane
Concen: 52.587 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

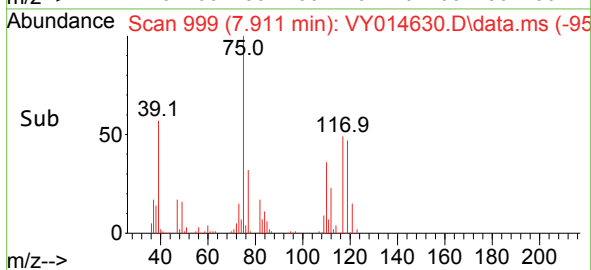
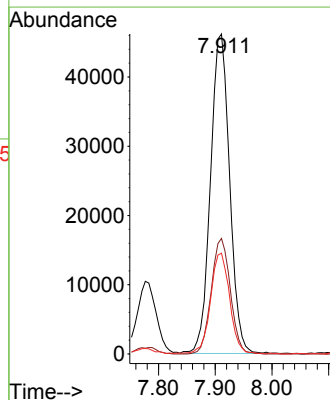
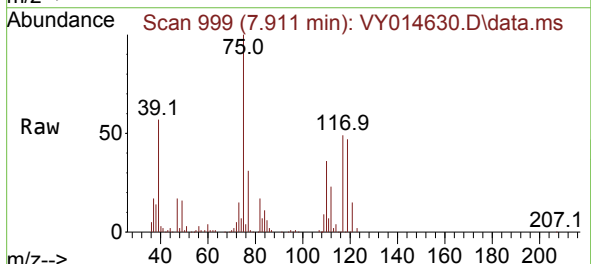
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

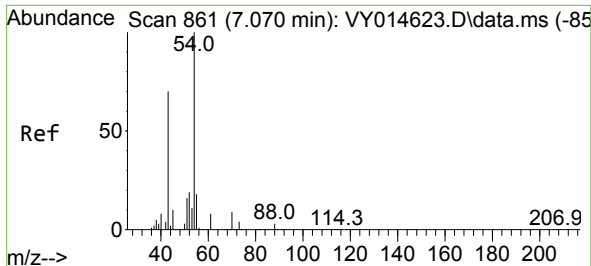
Tgt Ion:113 Resp: 169222
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 22.540 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

Tgt Ion: 75 Resp: 108470
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 31.7 24.4 36.6





#37

Ethyl Acetate

Concen: 21.983 ug/l

RT: 7.063 min Scan# 8

Delta R.T. -0.007 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

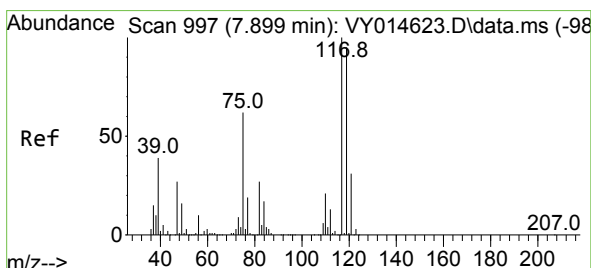
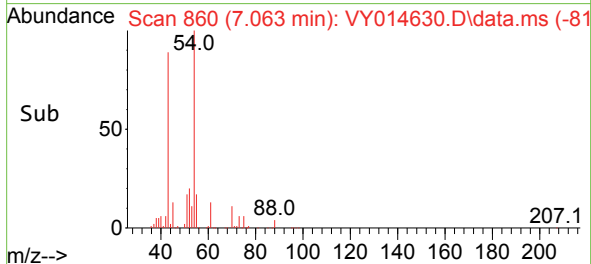
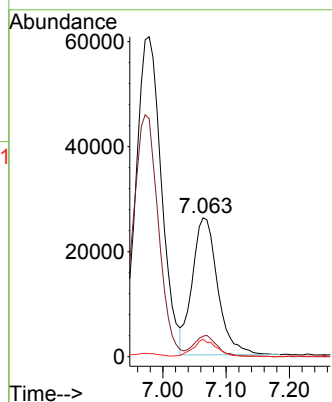
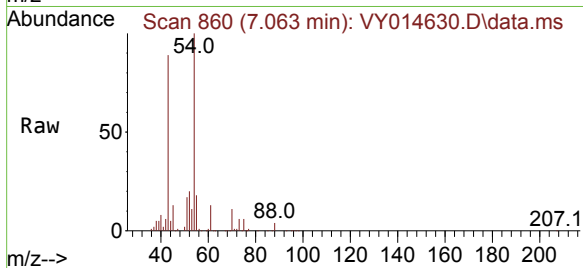
Tgt Ion: 43 Resp: 72837

Ion Ratio Lower Upper

43 100

61 13.7 10.1 15.1

70 11.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 22.404 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

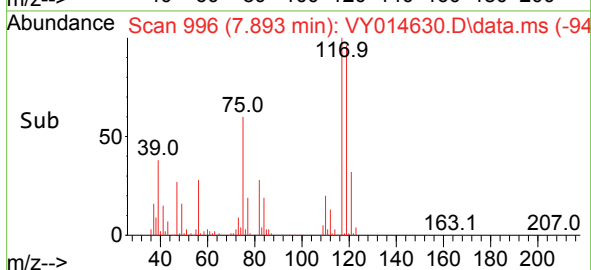
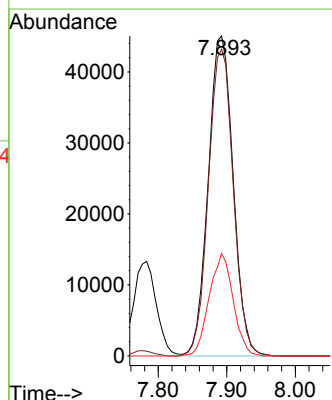
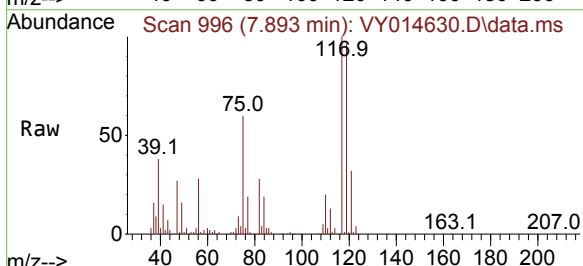
Tgt Ion: 117 Resp: 113971

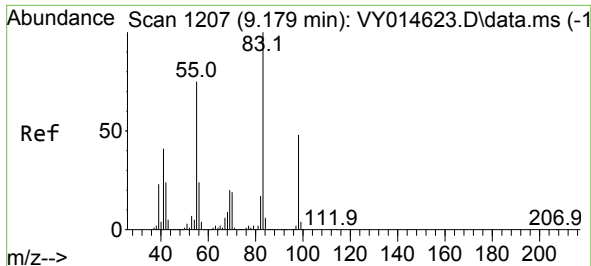
Ion Ratio Lower Upper

117 100

119 95.8 76.4 114.6

121 32.0 25.8 38.6





#39

Methylcyclohexane

Concen: 22.423 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

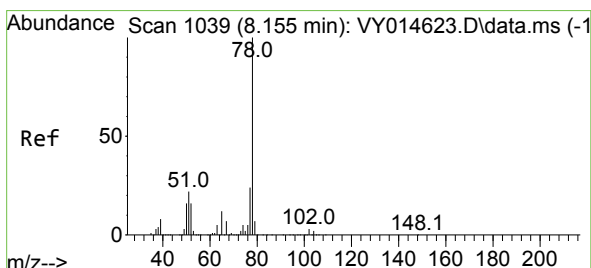
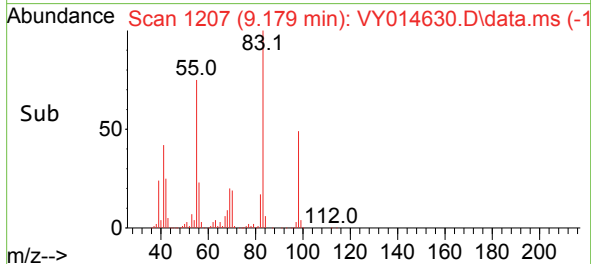
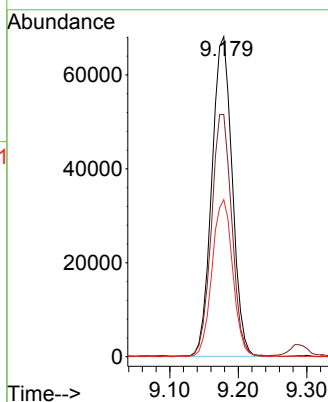
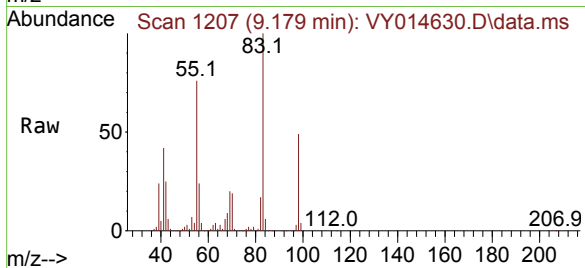
Tgt Ion: 83 Resp: 140586

Ion Ratio Lower Upper

83 100

55 75.5 63.0 94.4

98 49.0 37.4 56.2



#40

Benzene

Concen: 22.243 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014630.D

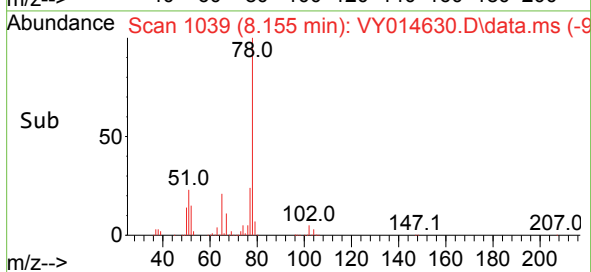
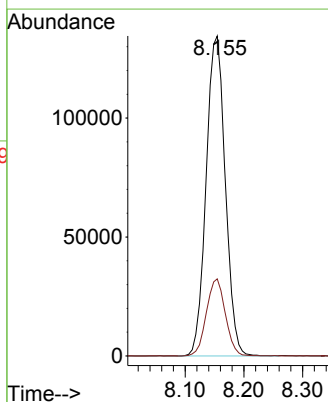
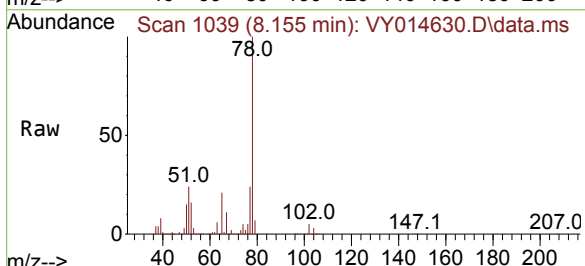
Acq: 13 Jul 2023 16:25

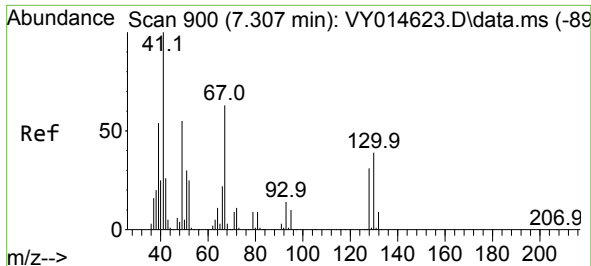
Tgt Ion: 78 Resp: 304428

Ion Ratio Lower Upper

78 100

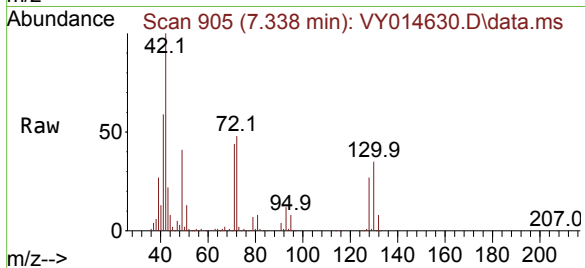
77 24.1 19.0 28.6



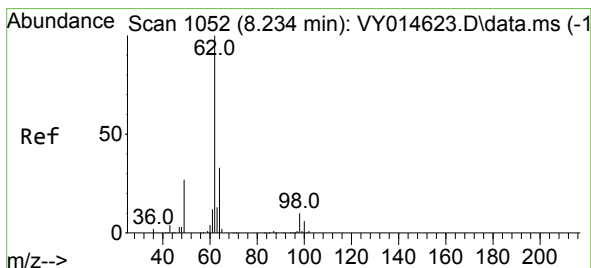
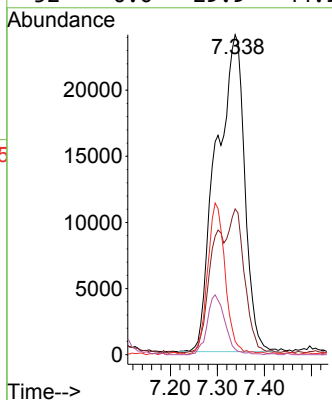
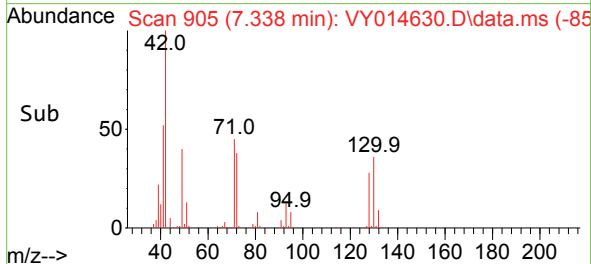


#41
Methacrylonitrile
Concen: 58.868 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

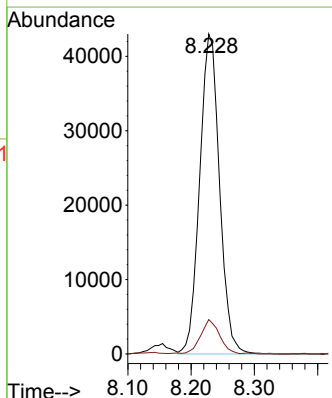
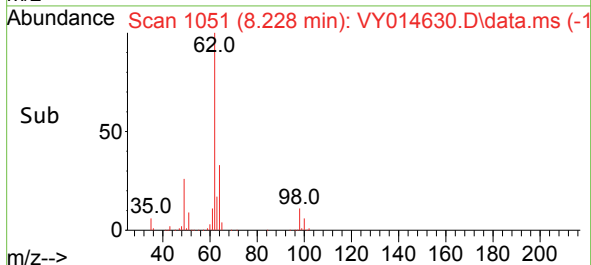
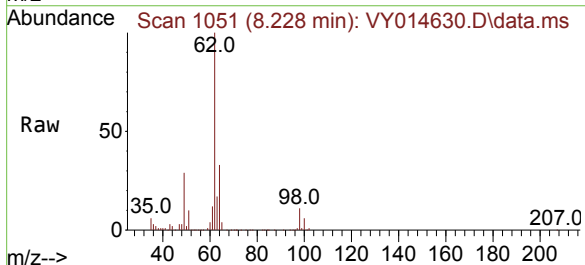


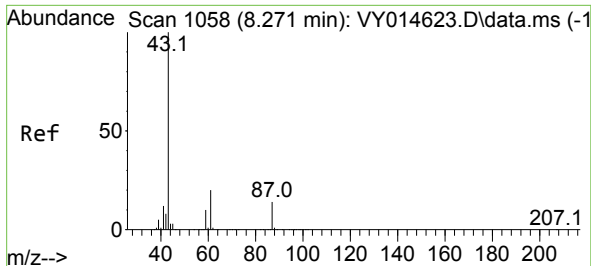
Tgt Ion: 41 Resp: 100325
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 21.674 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

Tgt Ion: 62 Resp: 93939
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8

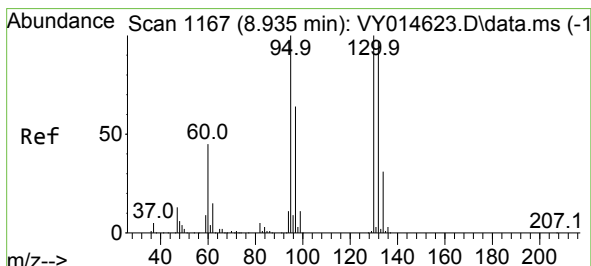
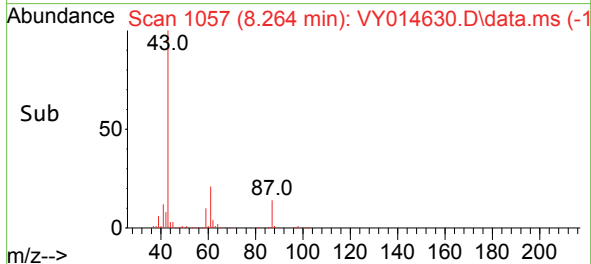
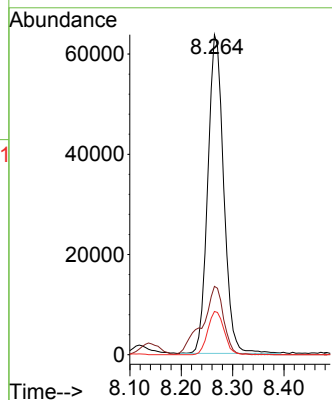
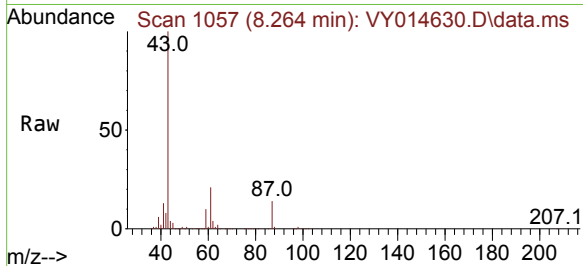




#43
Isopropyl Acetate
Concen: 21.576 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.007 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

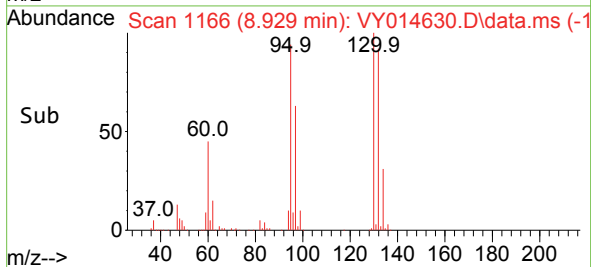
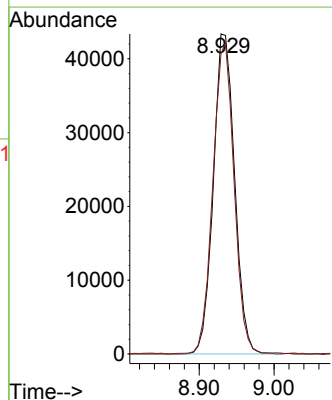
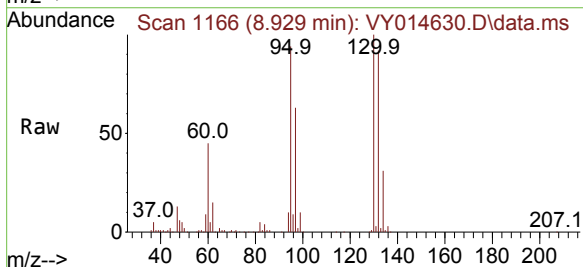
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

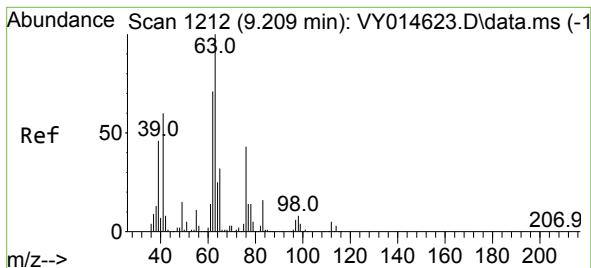
Tgt Ion: 43 Resp: 136175
Ion Ratio Lower Upper
43 100
61 28.8 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 22.353 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

Tgt Ion:130 Resp: 85598
Ion Ratio Lower Upper
130 100
95 93.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.968 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

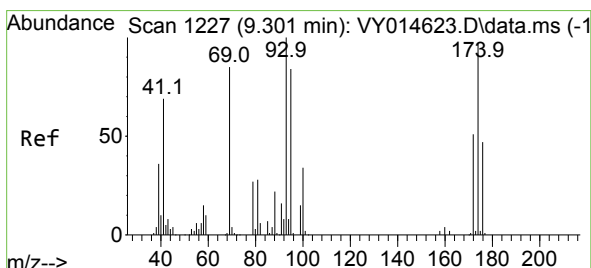
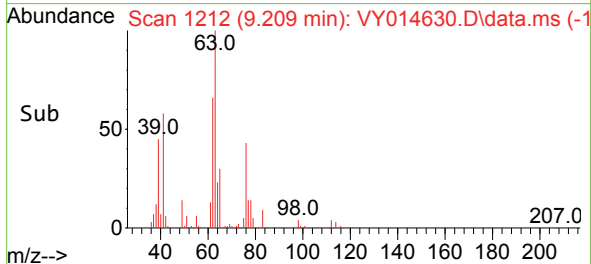
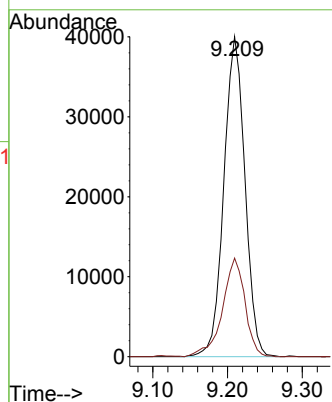
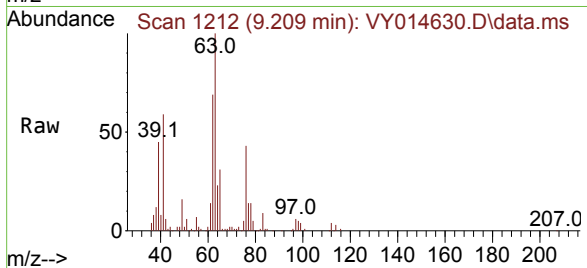
VY0713SBS01

Tgt Ion: 63 Resp: 78512

Ion Ratio Lower Upper

63 100

65 30.8 23.8 35.6



#46

Dibromomethane

Concen: 21.712 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

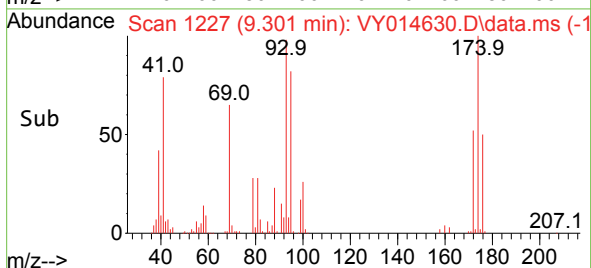
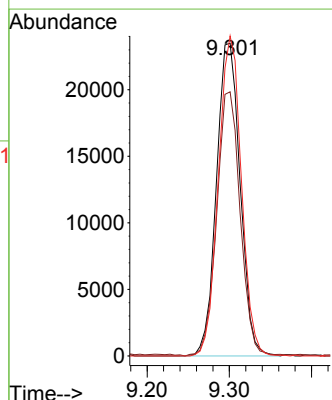
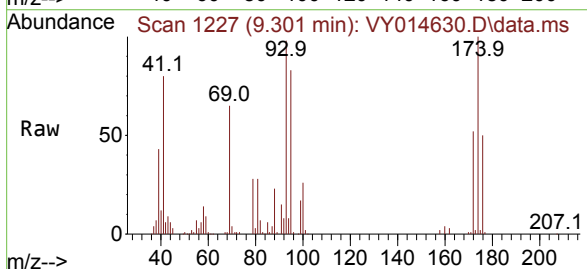
Tgt Ion: 93 Resp: 47073

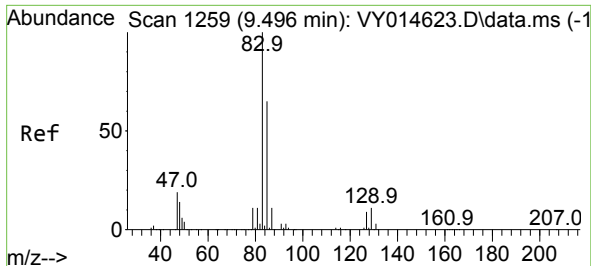
Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

174 99.3 84.8 127.2

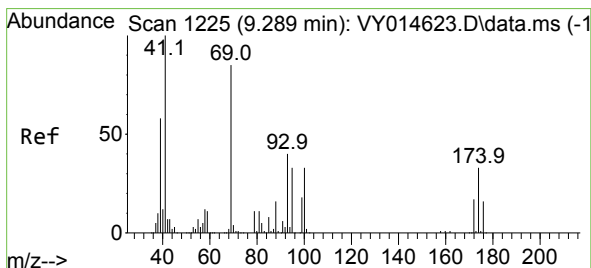
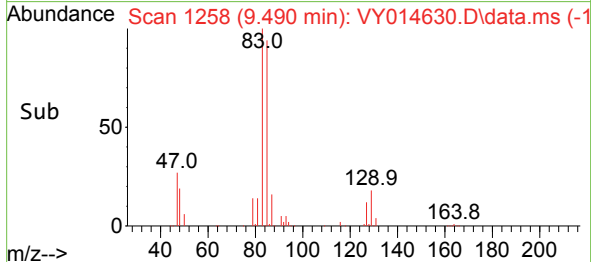
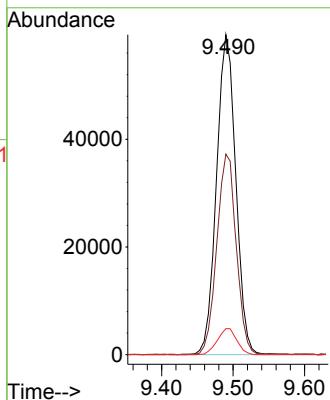
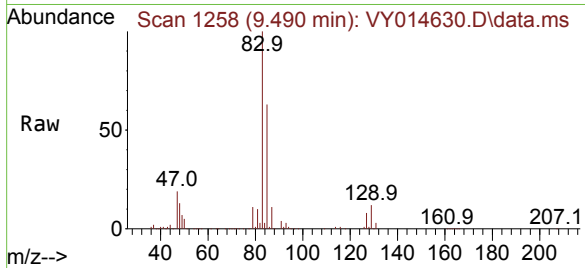




#47
 Bromodichloromethane
 Concen: 21.779 ug/l
 RT: 9.490 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY014630.D
 Acq: 13 Jul 2023 16:25

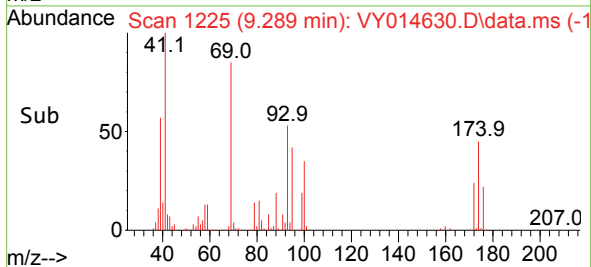
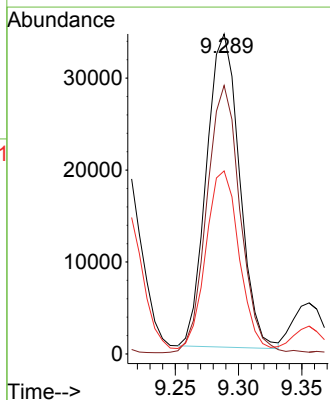
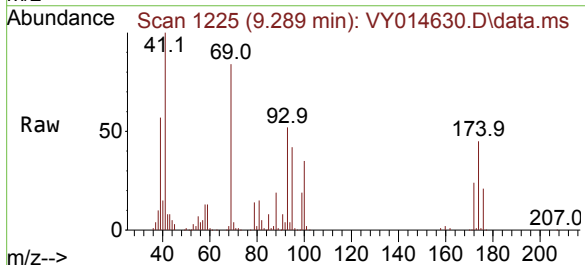
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

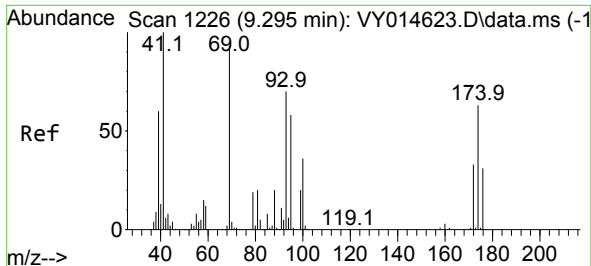
Tgt Ion: 83 Resp: 111289
 Ion Ratio Lower Upper
 83 100
 85 62.6 50.1 75.1
 127 8.1 7.1 10.7



#48
 Methyl methacrylate
 Concen: 21.783 ug/l
 RT: 9.289 min Scan# 1225
 Delta R.T. -0.000 min
 Lab File: VY014630.D
 Acq: 13 Jul 2023 16:25

Tgt Ion: 41 Resp: 61865
 Ion Ratio Lower Upper
 41 100
 69 86.9 64.5 96.7
 39 56.7 50.8 76.2





#49

1,4-Dioxane

Concen: 458.719 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

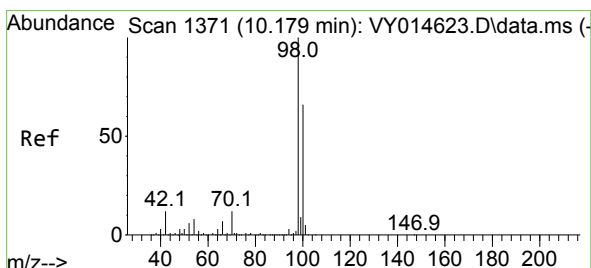
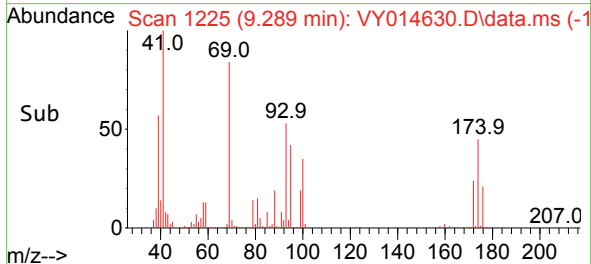
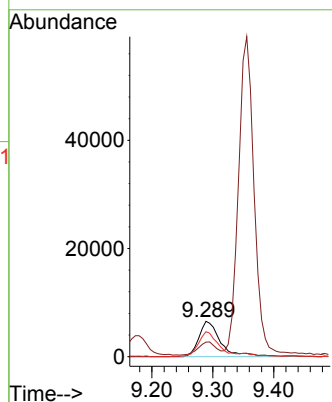
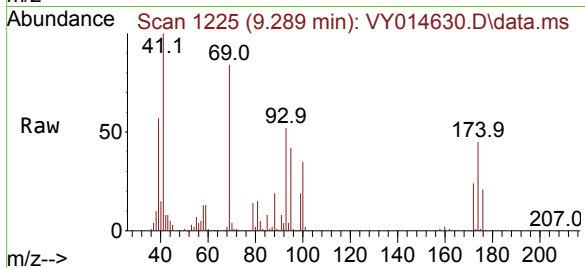
Tgt Ion: 88 Resp: 16217

Ion Ratio Lower Upper

88 100

43 29.6 0.0 0.0#

58 65.7 30.9 46.3#



#50

Toluene-d8

Concen: 52.025 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY014630.D

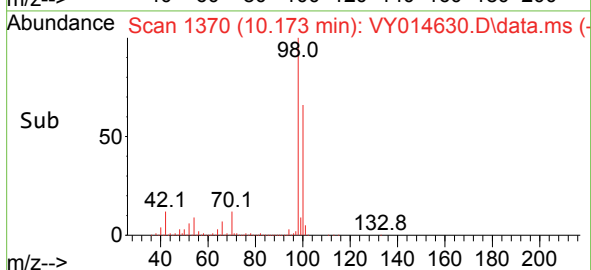
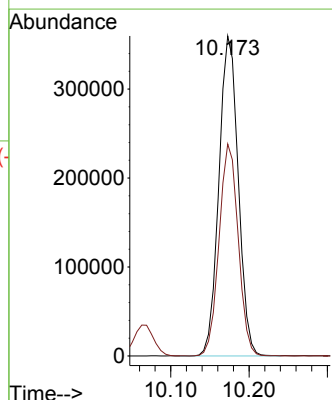
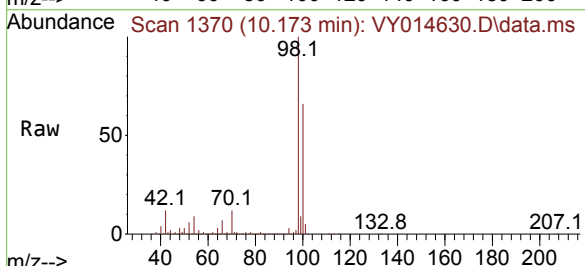
Acq: 13 Jul 2023 16:25

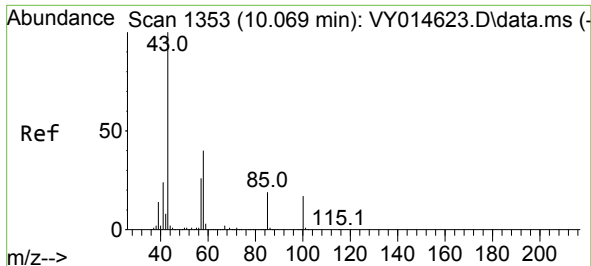
Tgt Ion: 98 Resp: 617217

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

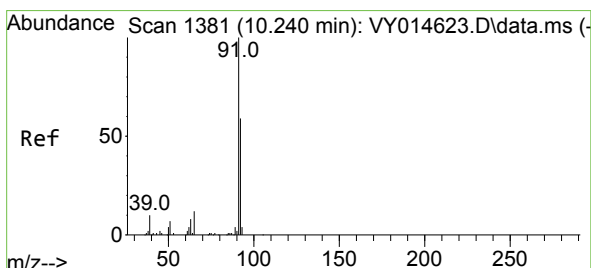
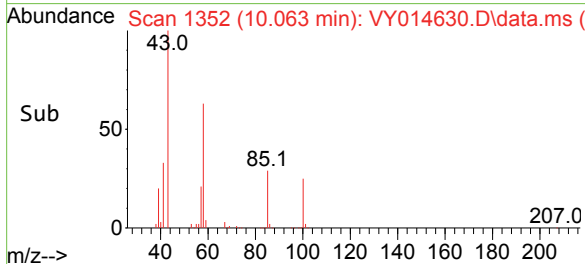
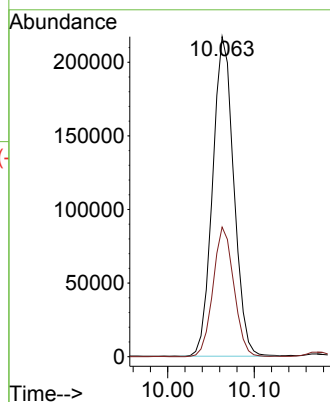
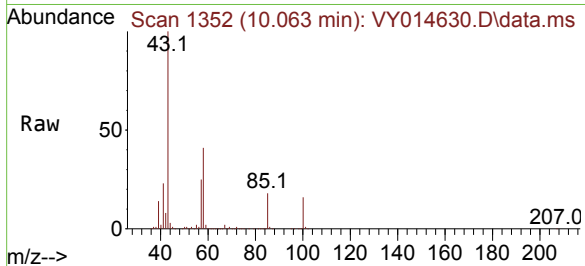




#51
4-Methyl-2-Pentanone
Concen: 111.457 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

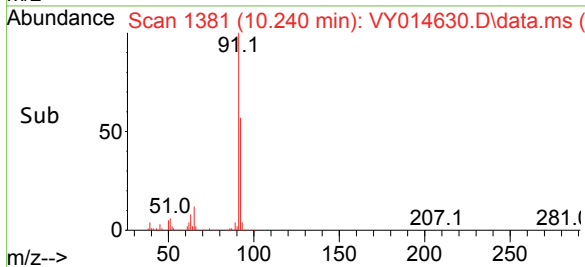
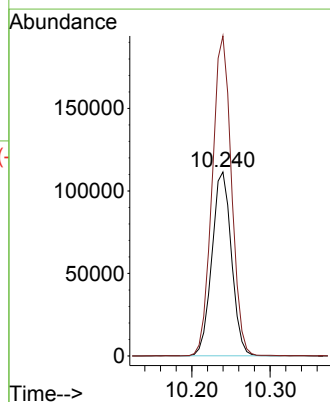
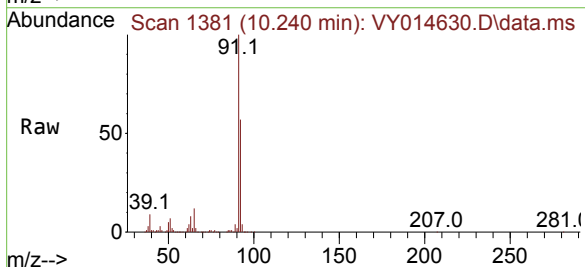
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

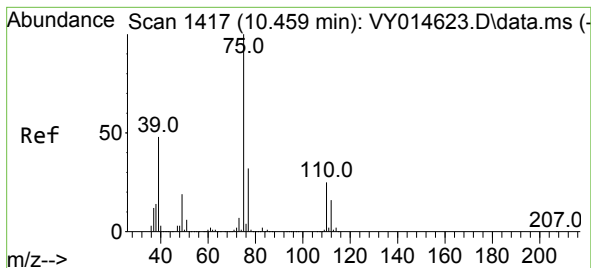
Tgt Ion: 43 Resp: 369352
Ion Ratio Lower Upper
43 100
58 40.0 29.0 43.6



#52
Toluene
Concen: 22.006 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

Tgt Ion: 92 Resp: 192730
Ion Ratio Lower Upper
92 100
91 172.2 143.8 215.6





#53

t-1,3-Dichloropropene

Concen: 21.297 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. 0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

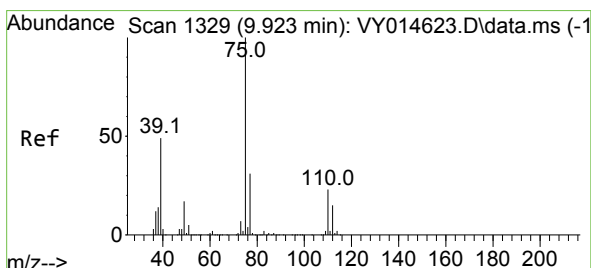
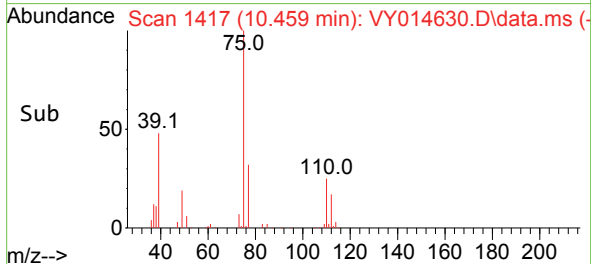
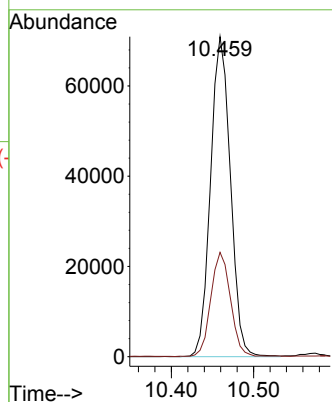
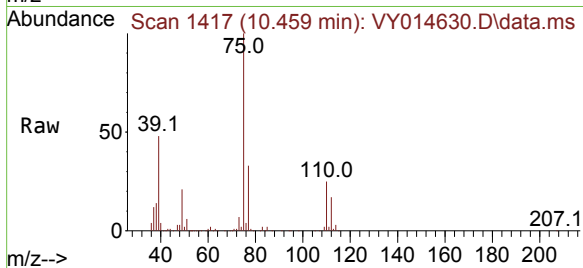
VY0713SBS01

Tgt Ion: 75 Resp: 119040

Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 21.703 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. -0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

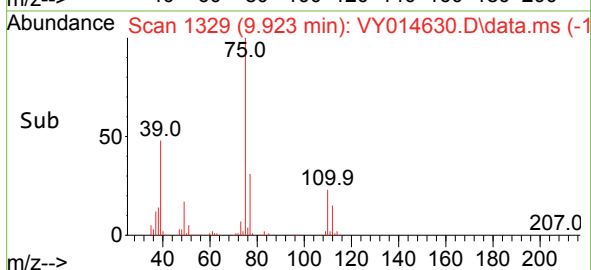
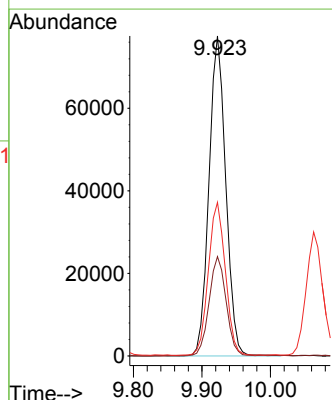
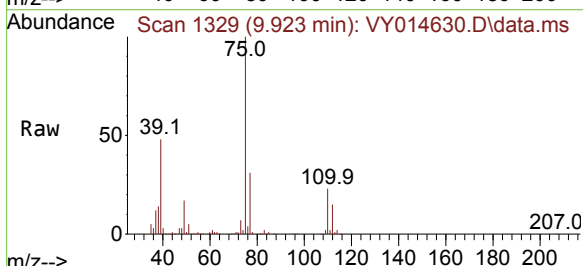
Tgt Ion: 75 Resp: 131922

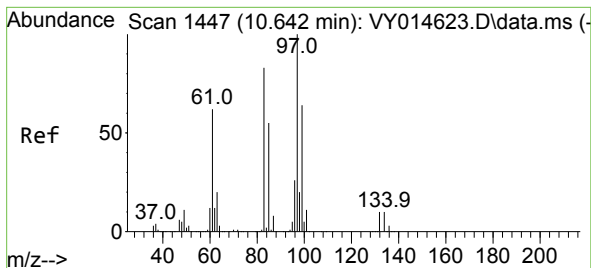
Ion Ratio Lower Upper

75 100

77 31.0 24.2 36.4

39 47.7 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 21.466 ug/l

RT: 10.636 min Scan# 1446

Delta R.T. -0.006 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tgt Ion: 97 Resp: 64828

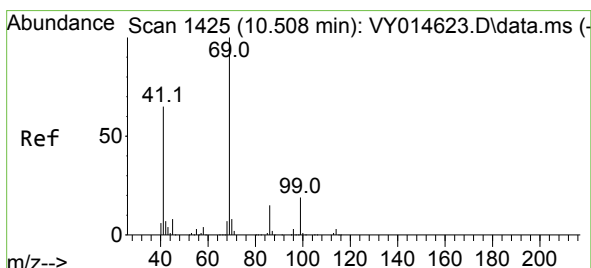
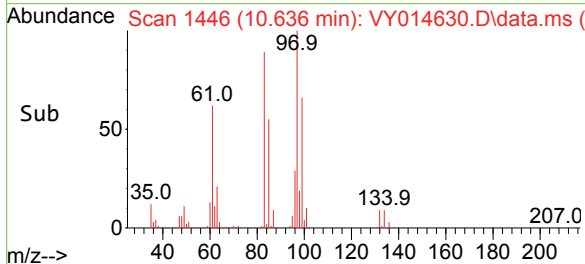
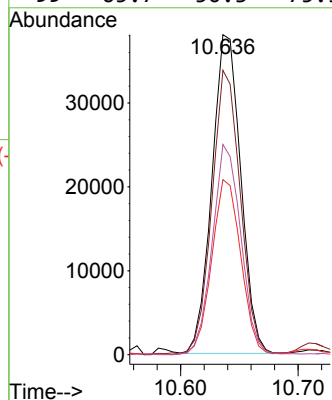
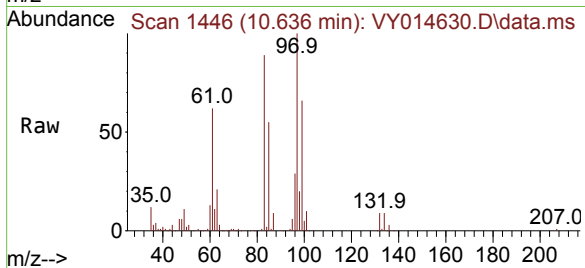
Ion Ratio Lower Upper

97 100

83 89.0 72.0 108.0

85 54.7 45.4 68.0

99 65.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 22.001 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

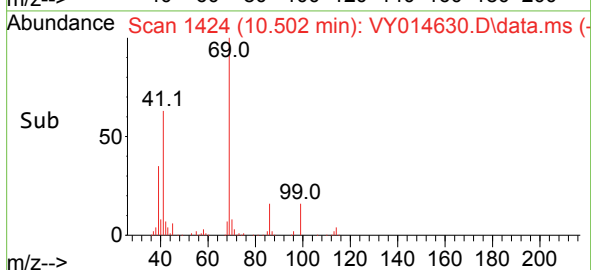
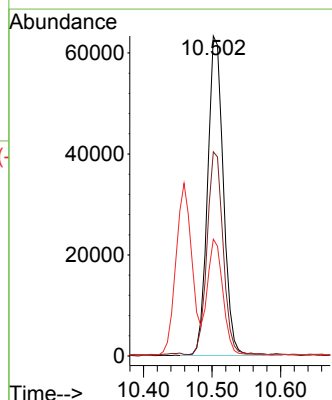
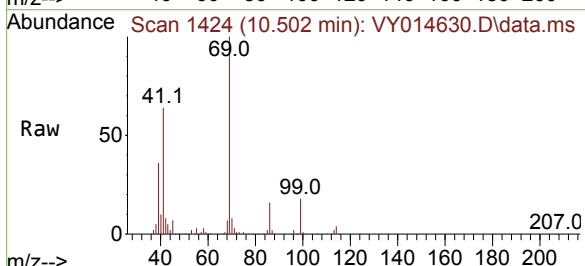
Tgt Ion: 69 Resp: 101449

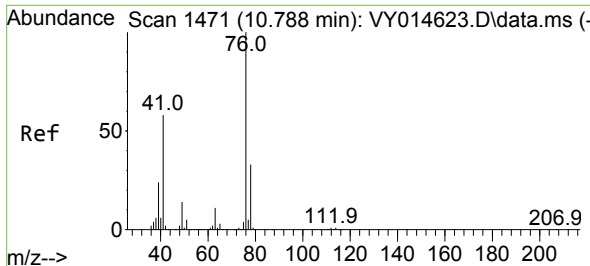
Ion Ratio Lower Upper

69 100

41 64.0 57.6 86.4

39 35.4 34.1 51.1





#57

1,3-Dichloropropane

Concen: 21.855 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

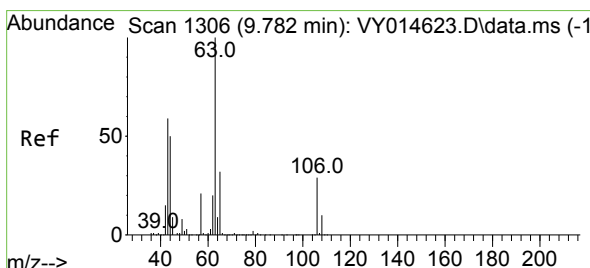
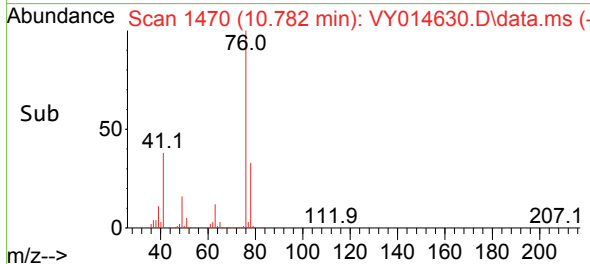
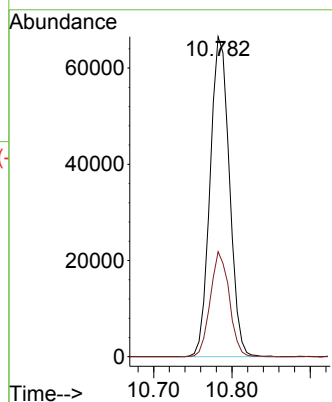
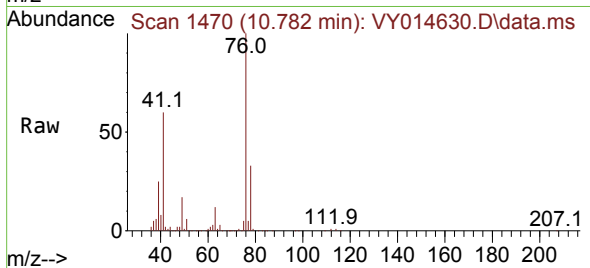
VY0713SBS01

Tgt Ion: 76 Resp: 113844

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 111.942 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014630.D

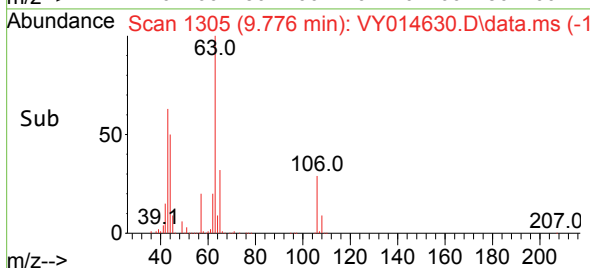
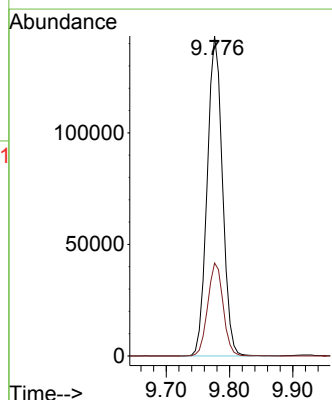
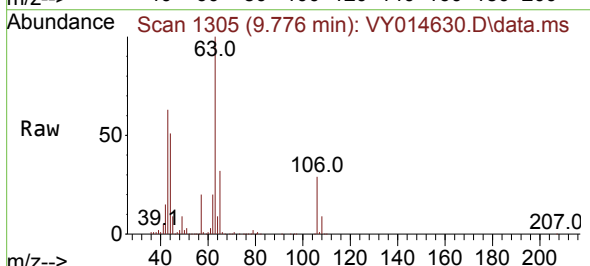
Acq: 13 Jul 2023 16:25

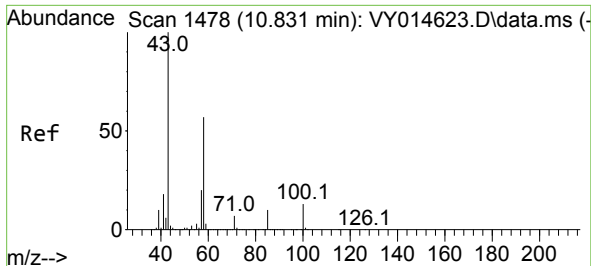
Tgt Ion: 63 Resp: 240512

Ion Ratio Lower Upper

63 100

106 29.3 21.2 31.8

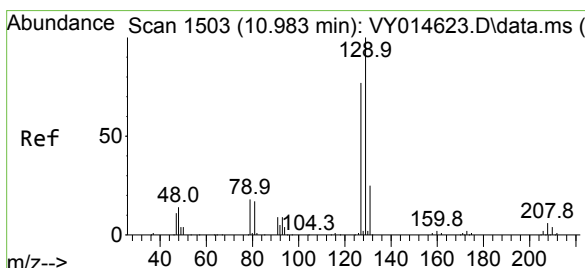
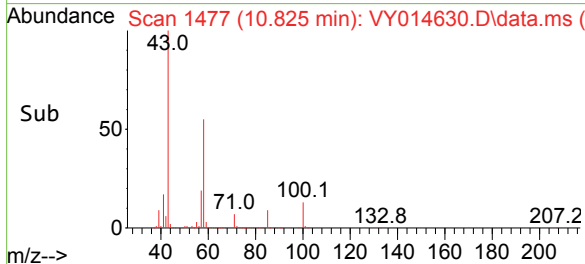
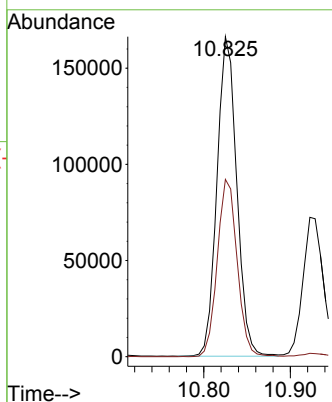
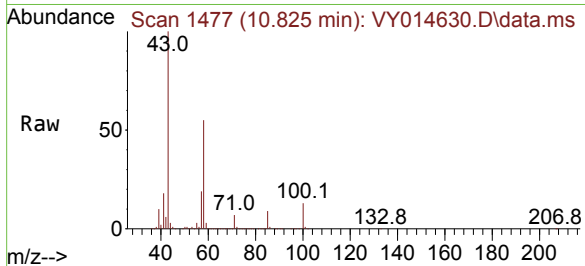




#59
2-Hexanone
Concen: 108.959 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

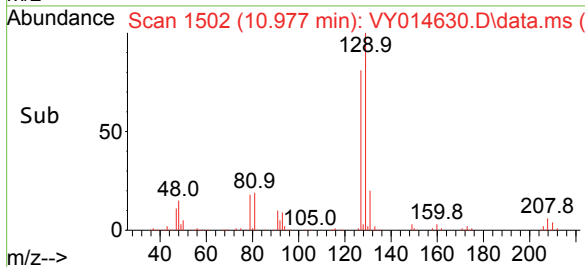
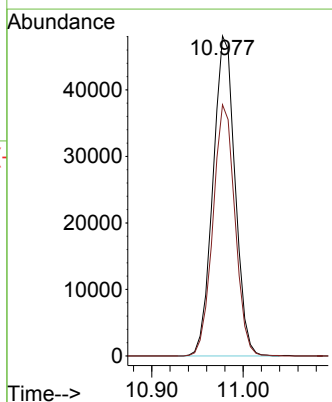
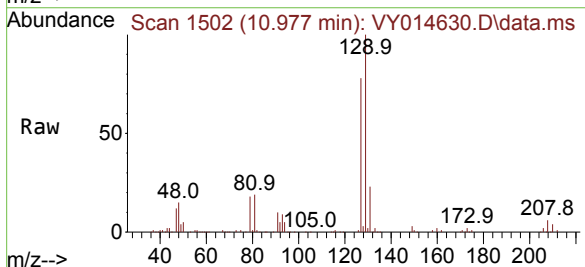
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

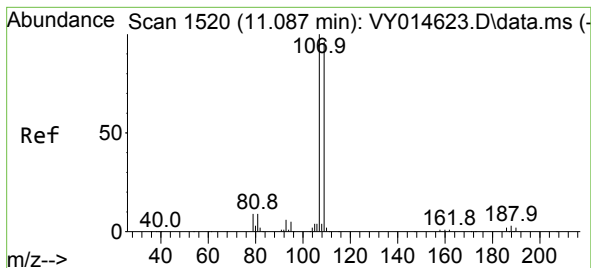
Tgt Ion: 43 Resp: 263315
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3



#60
Dibromochloromethane
Concen: 21.778 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

Tgt Ion: 129 Resp: 80641
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5

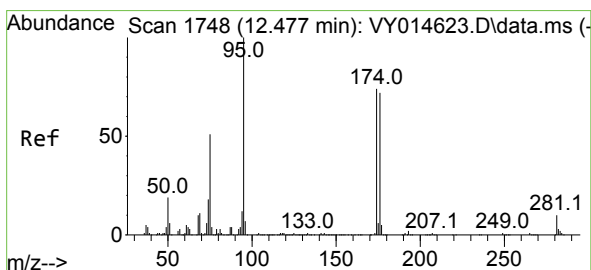
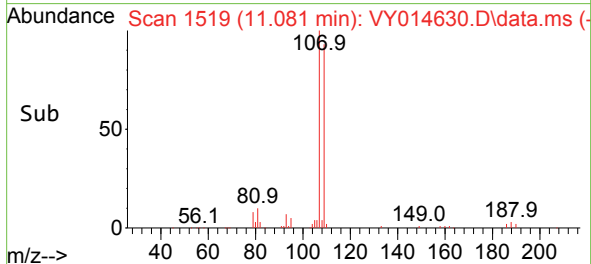
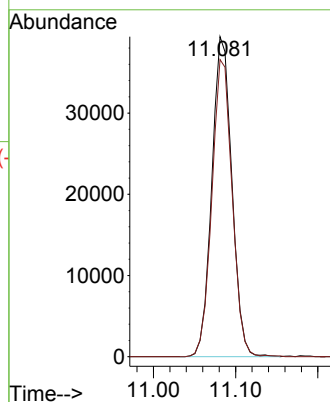
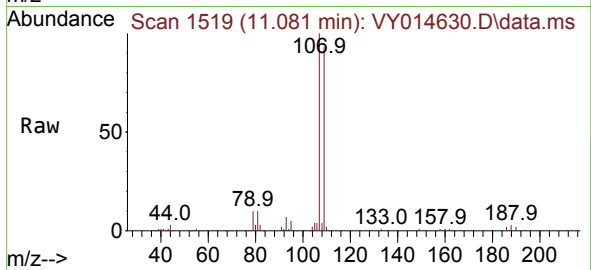




#61
1,2-Dibromoethane
Concen: 22.120 ug/l
RT: 11.081 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

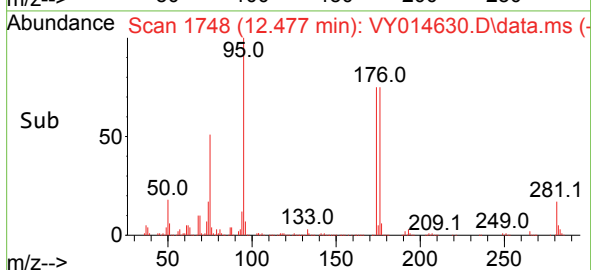
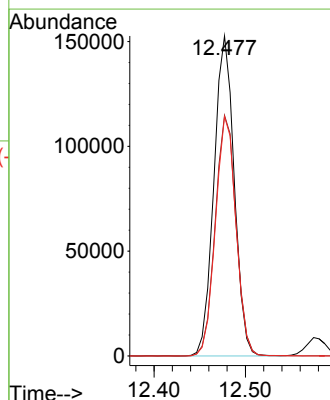
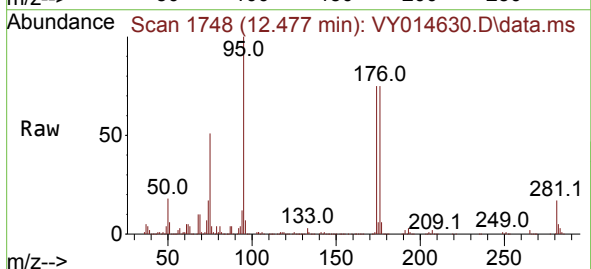
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

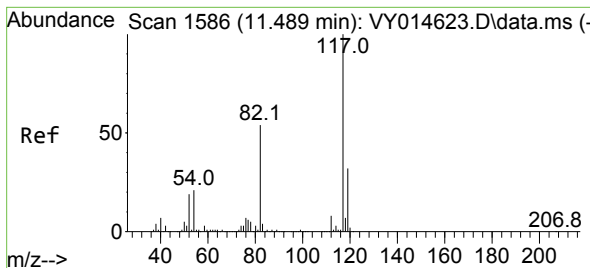
Tgt Ion:107 Resp: 66645
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.672 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

Tgt Ion: 95 Resp: 235062
Ion Ratio Lower Upper
95 100
174 77.1 0.0 178.2
176 75.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

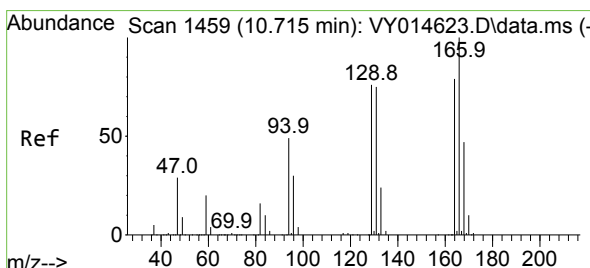
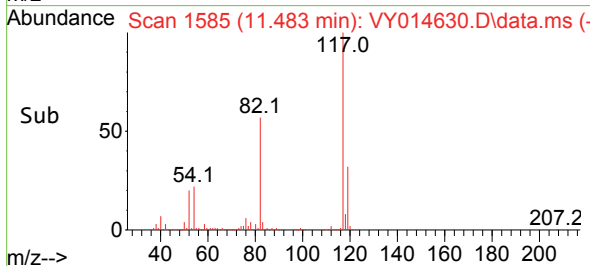
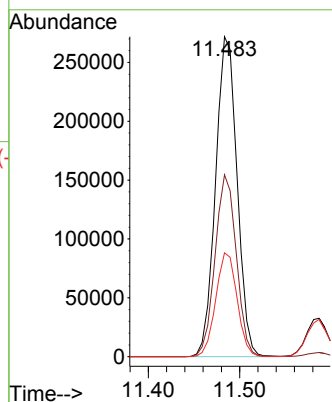
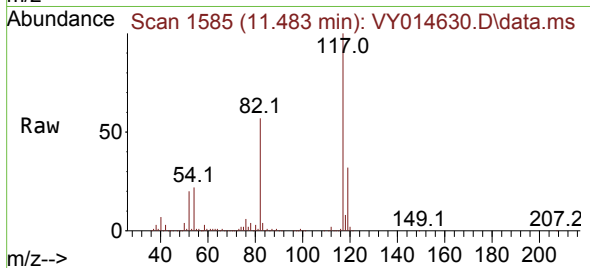
Tgt Ion:117 Resp: 445225

Ion Ratio Lower Upper

117 100

82 56.9 43.4 65.0

119 32.5 26.3 39.5



#64

Tetrachloroethene

Concen: 23.374 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Tgt Ion:164 Resp: 83699

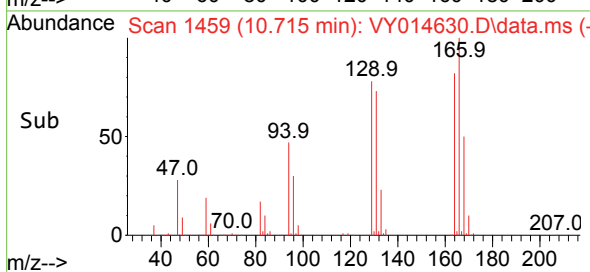
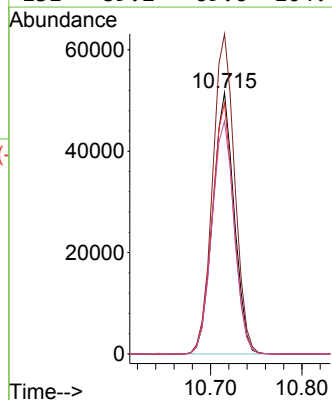
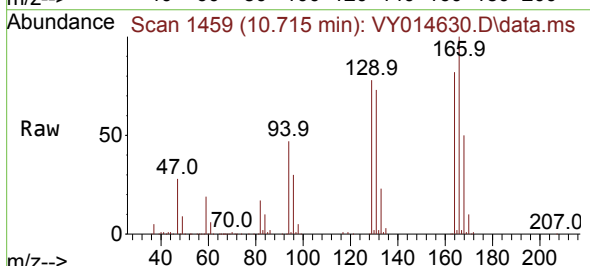
Ion Ratio Lower Upper

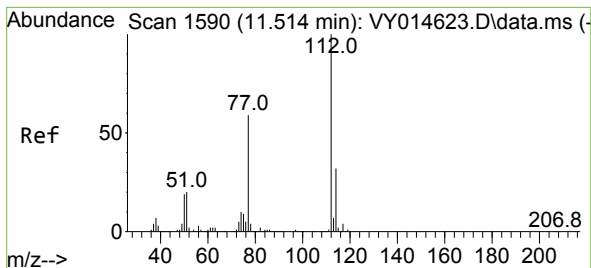
164 100

166 122.6 103.0 154.6

129 96.0 77.2 115.8

131 89.2 69.6 104.4

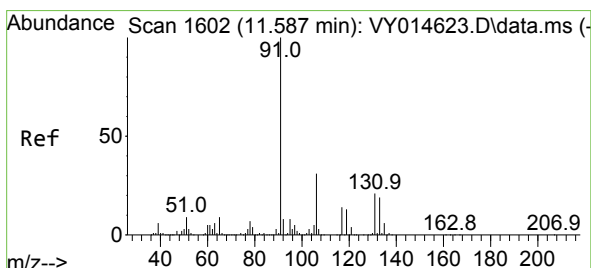
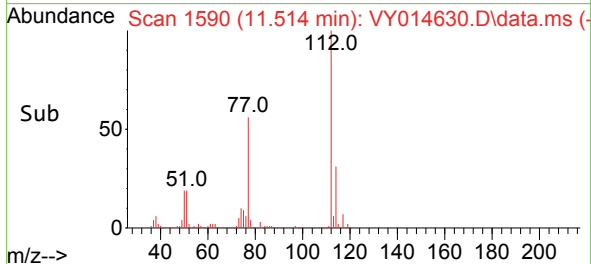
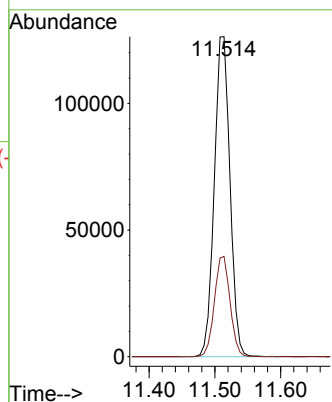
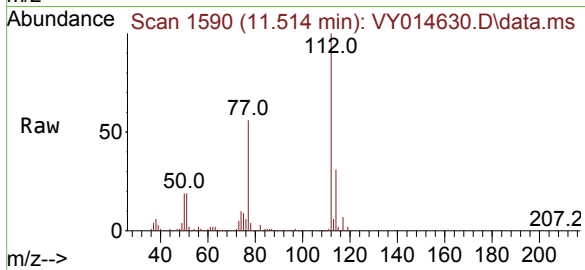




#65
Chlorobenzene
Concen: 22.083 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

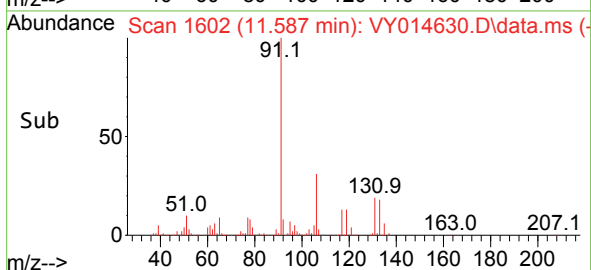
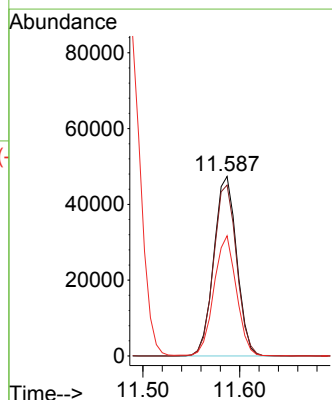
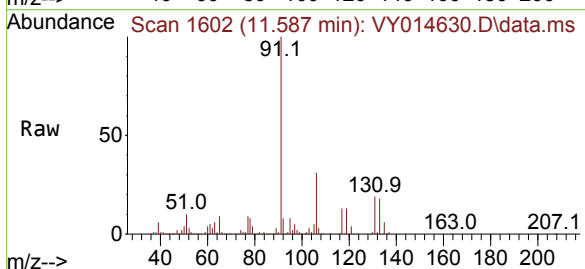
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

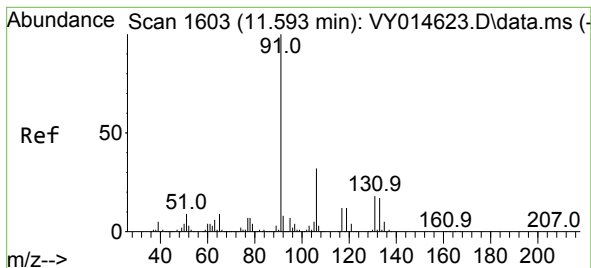
Tgt Ion:112 Resp: 209518
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.760 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

Tgt Ion:131 Resp: 77841
Ion Ratio Lower Upper
131 100
133 96.4 47.5 142.6
119 65.7 31.6 94.7





#67

Ethyl Benzene

Concen: 22.012 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

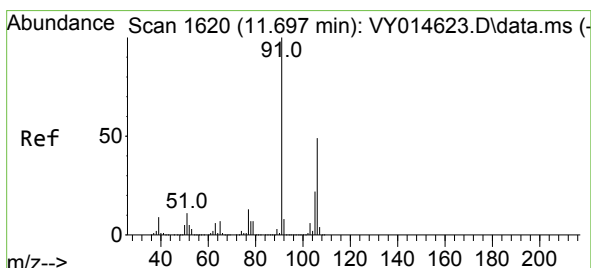
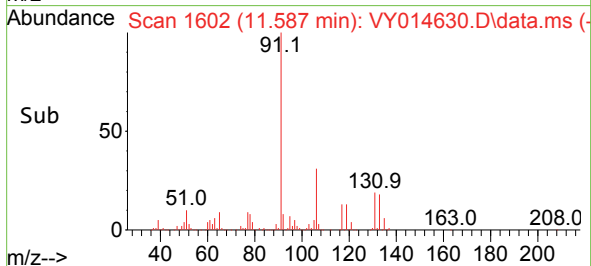
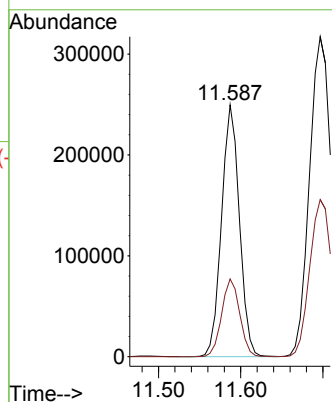
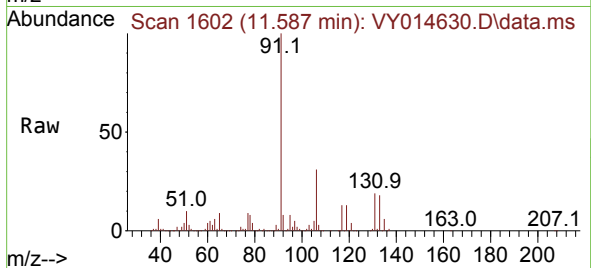
VY0713SBS01

Tgt Ion: 91 Resp: 377061

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 44.103 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014630.D

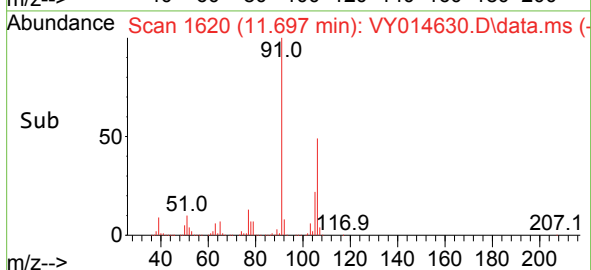
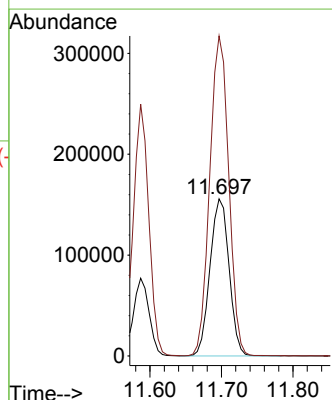
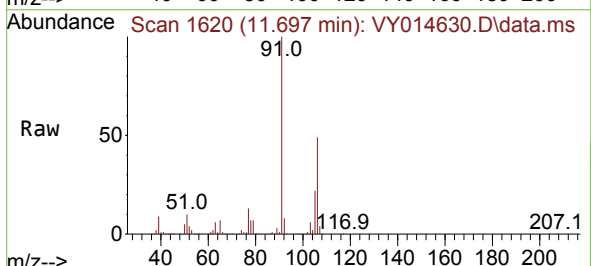
Acq: 13 Jul 2023 16:25

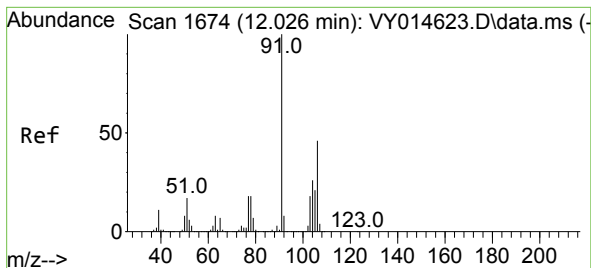
Tgt Ion:106 Resp: 288390

Ion Ratio Lower Upper

106 100

91 203.0 166.1 249.1





#69

o-Xylene

Concen: 22.001 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

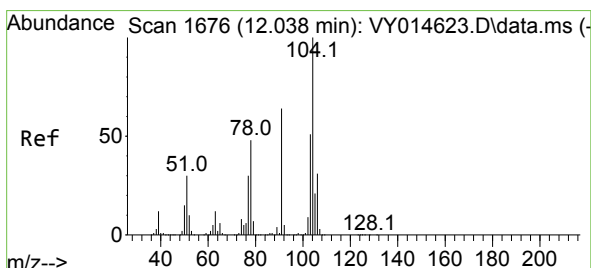
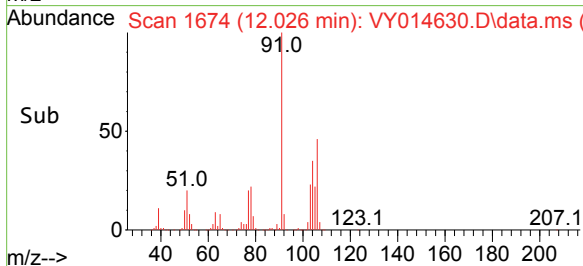
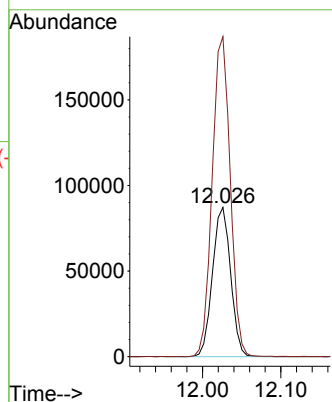
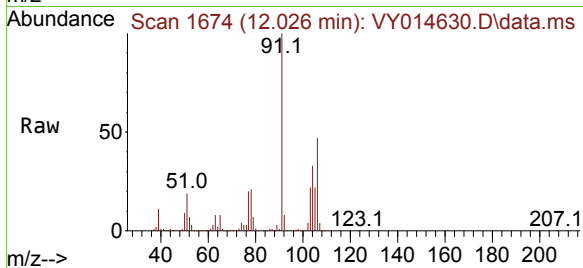
VY0713SBS01

Tgt Ion:106 Resp: 140123

Ion Ratio Lower Upper

106 100

91 213.5 108.1 324.3



#70

Styrene

Concen: 21.990 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

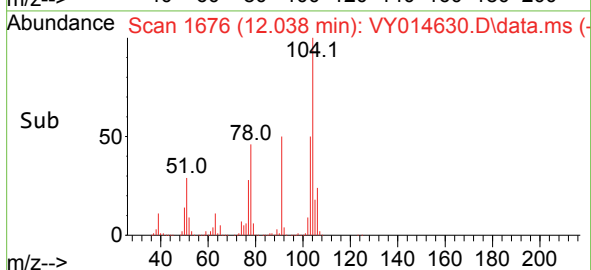
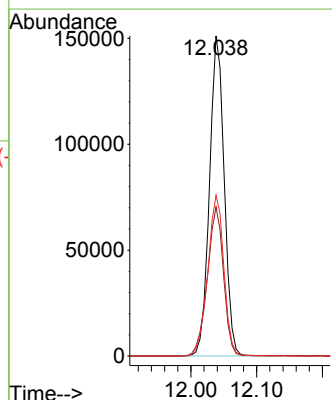
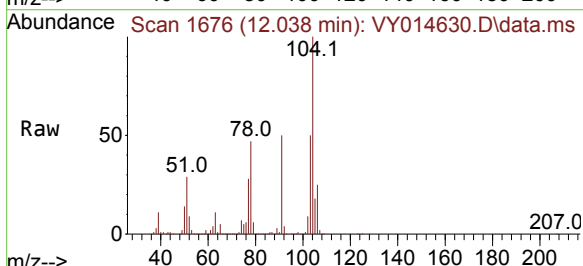
Tgt Ion:104 Resp: 236052

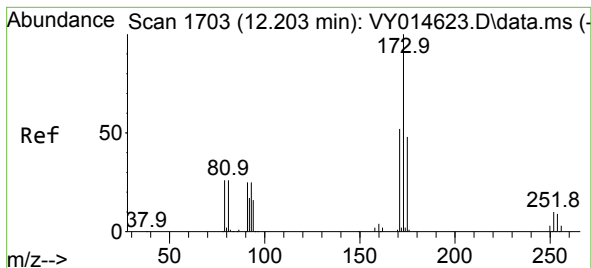
Ion Ratio Lower Upper

104 100

78 50.8 41.5 62.3

103 54.7 44.6 67.0





#71

Bromoform

Concen: 21.898 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

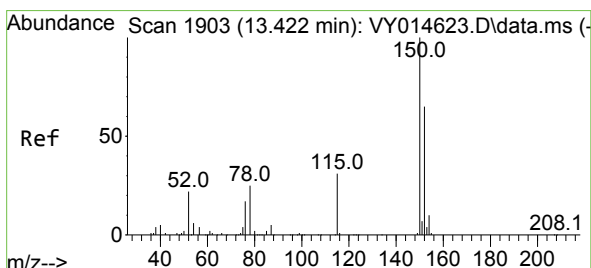
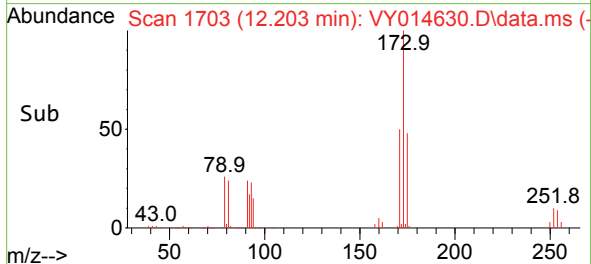
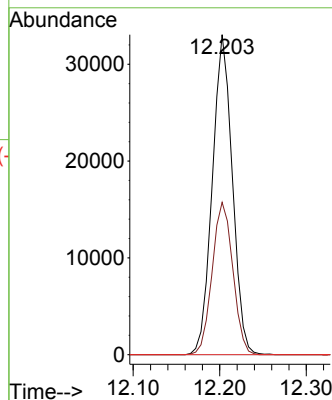
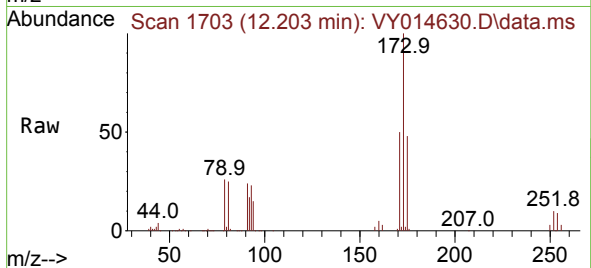
Tgt Ion:173 Resp: 53097

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

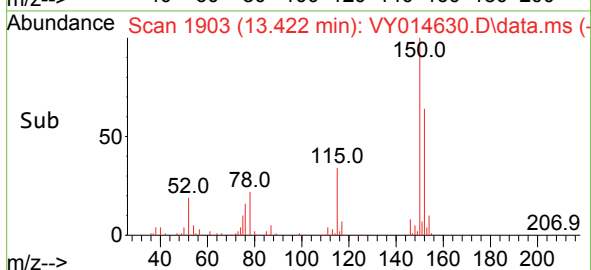
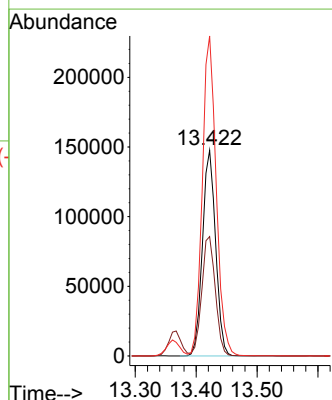
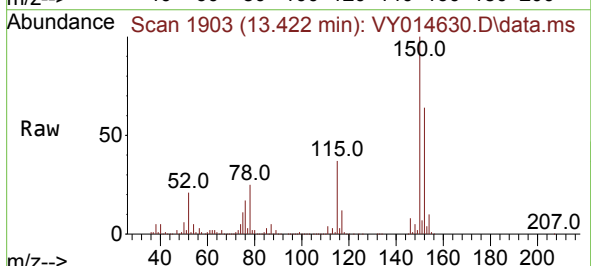
Tgt Ion:152 Resp: 221807

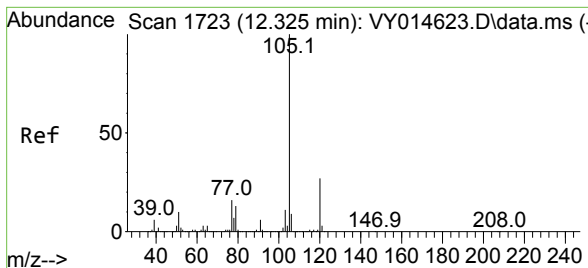
Ion Ratio Lower Upper

152 100

115 59.6 28.8 86.5

150 163.7 0.0 348.8





#73

Isopropylbenzene

Concen: 21.308 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

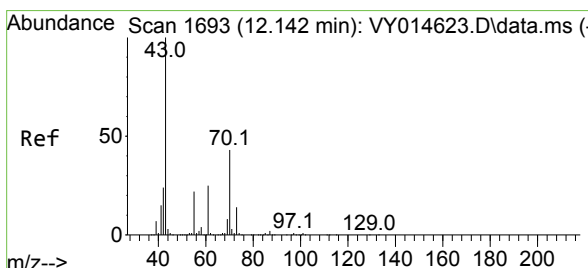
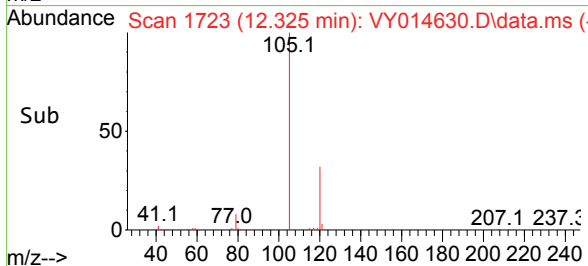
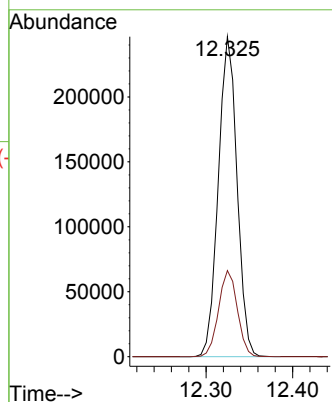
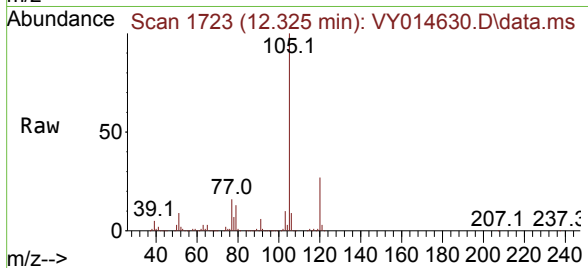
VY0713SBS01

Tgt Ion:105 Resp: 370071

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 21.107 ug/l

RT: 12.136 min Scan# 1692

Delta R.T. -0.006 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Tgt Ion: 43 Resp: 122776

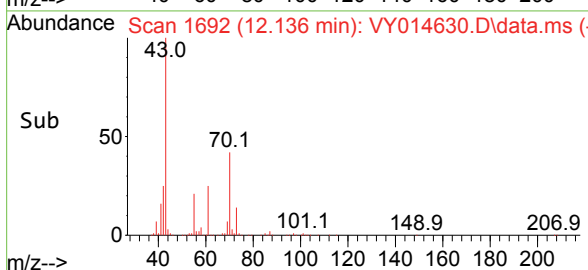
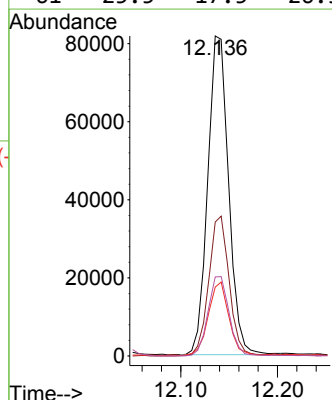
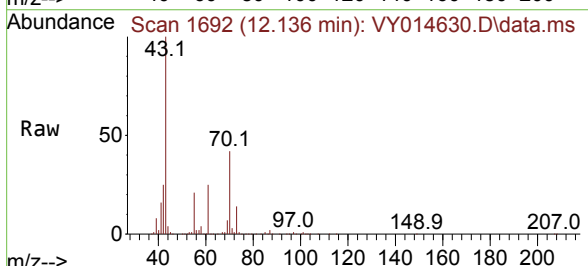
Ion Ratio Lower Upper

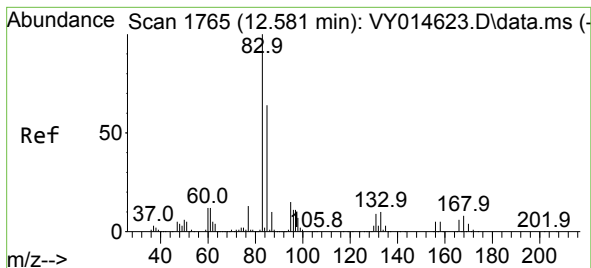
43 100

70 43.2 29.7 44.5

55 22.7 18.3 27.5

61 25.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.934 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

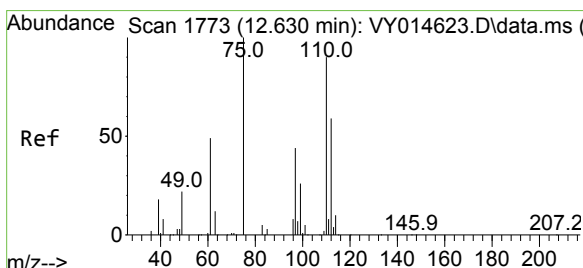
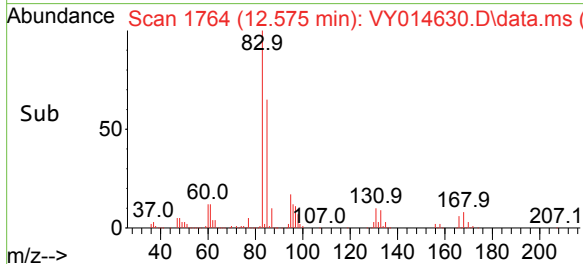
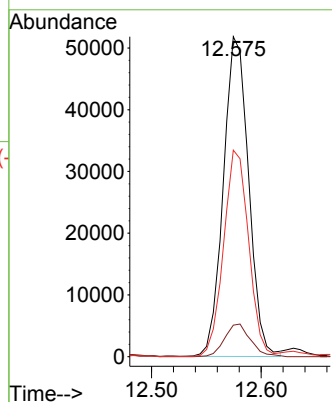
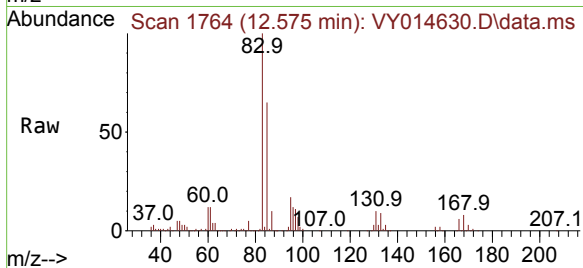
Tgt Ion: 83 Resp: 82909

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 39.961 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.001 min

Lab File: VY014630.D

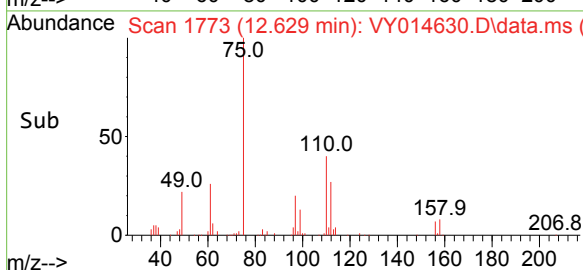
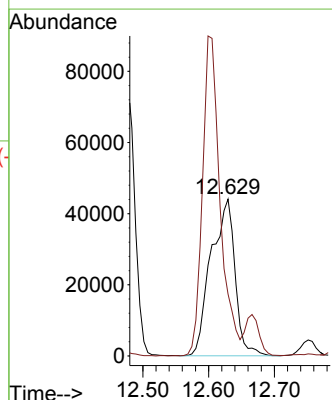
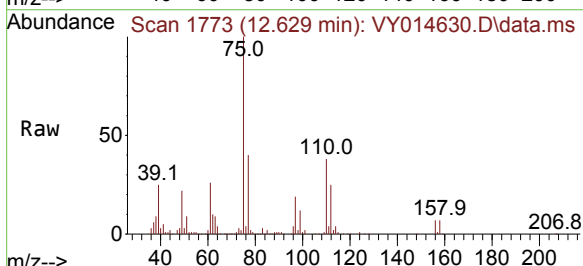
Acq: 13 Jul 2023 16:25

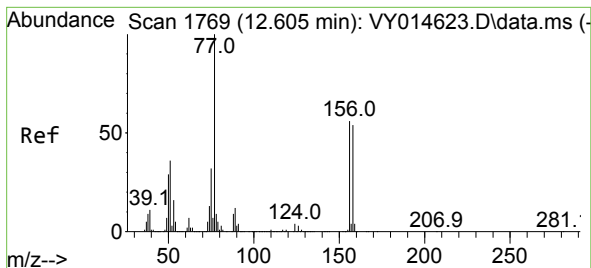
Tgt Ion: 75 Resp: 111946

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.238 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

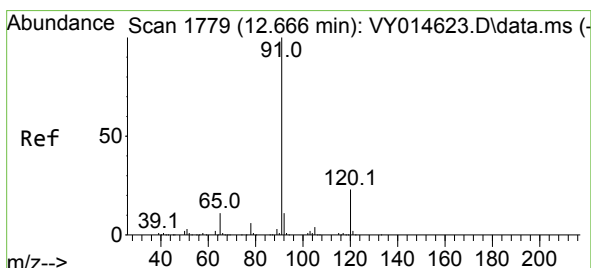
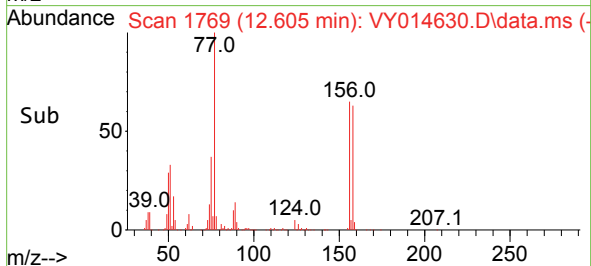
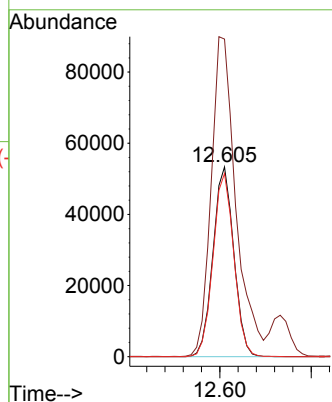
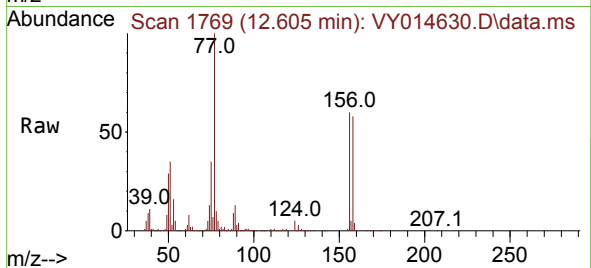
Tgt Ion:156 Resp: 84195

Ion Ratio Lower Upper

156 100

77 199.6 92.8 278.6

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 21.549 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014630.D

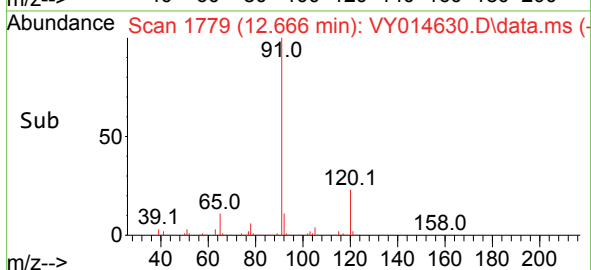
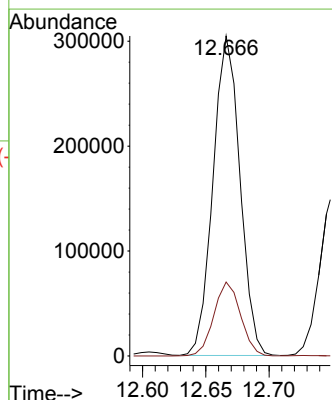
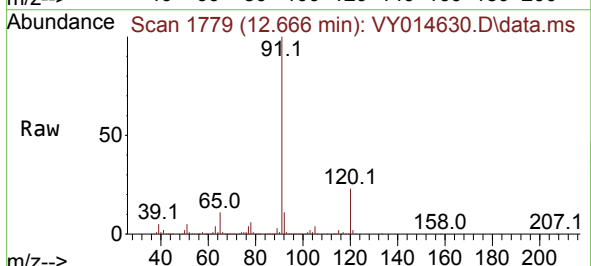
Acq: 13 Jul 2023 16:25

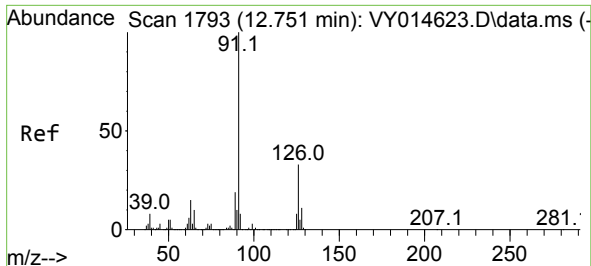
Tgt Ion: 91 Resp: 450985

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

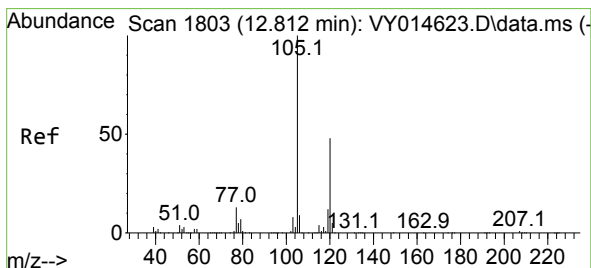
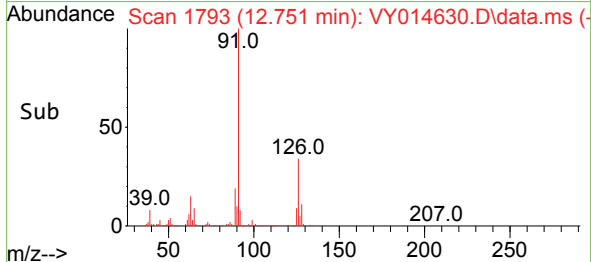
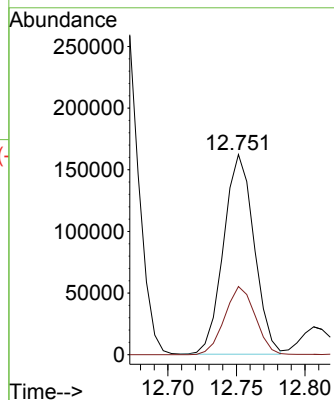
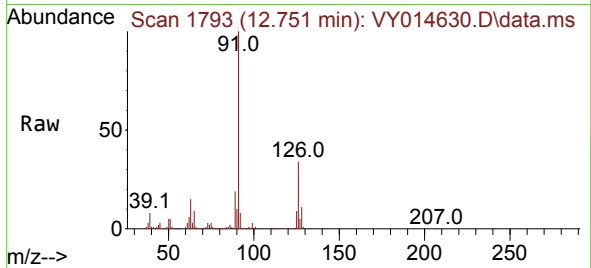




#79
2-Chlorotoluene
Concen: 20.870 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

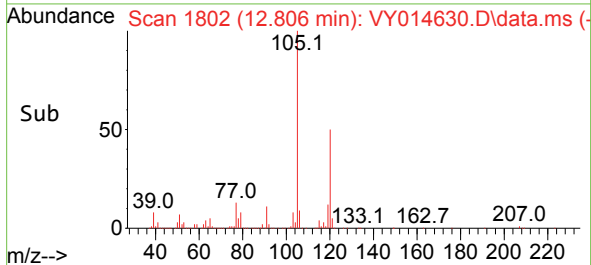
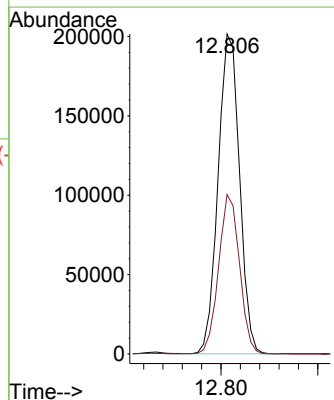
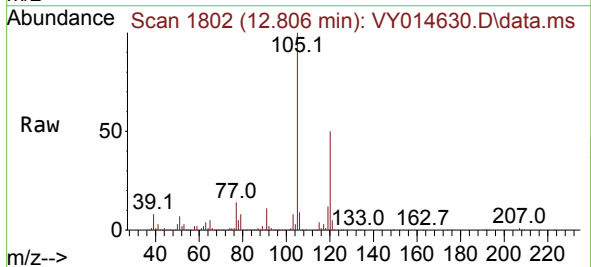
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

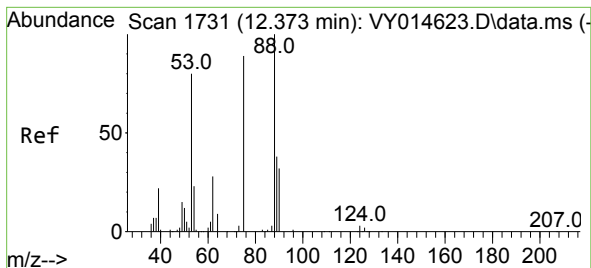
Tgt Ion: 91 Resp: 251571
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 21.330 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

Tgt Ion: 105 Resp: 309374
Ion Ratio Lower Upper
105 100
120 48.7 23.9 71.7

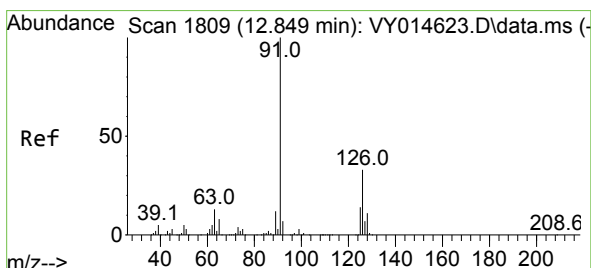
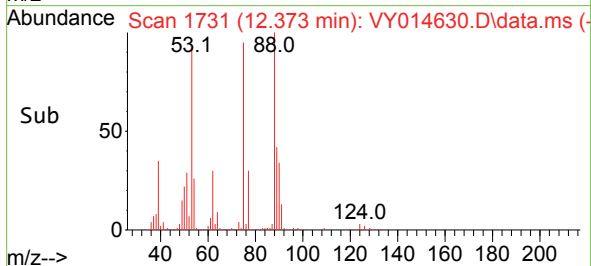
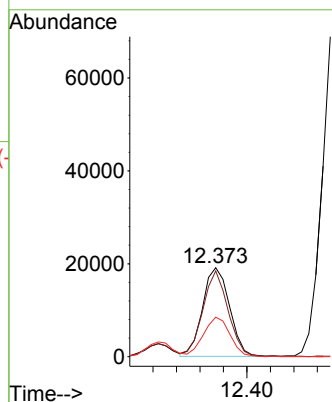
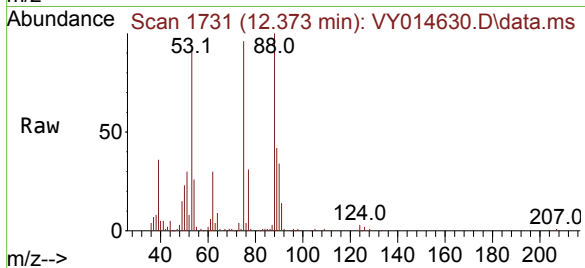




#81
trans-1,4-Dichloro-2-butene
Concen: 21.024 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

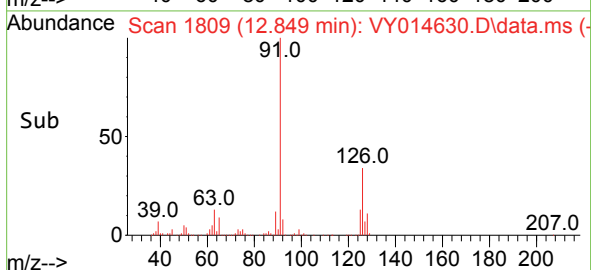
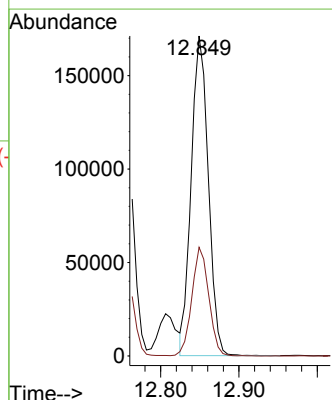
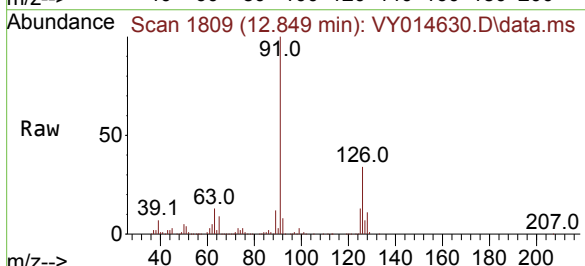
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

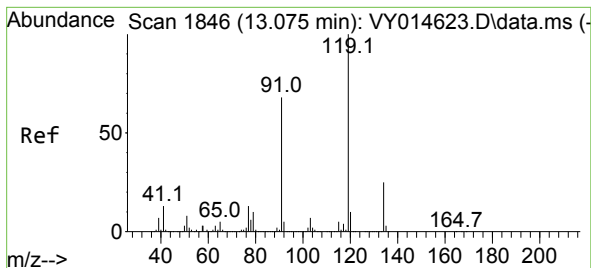
Tgt Ion: 75 Resp: 30419
Ion Ratio Lower Upper
75 100
53 89.7 77.8 116.8
89 43.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.908 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY014630.D
Acq: 13 Jul 2023 16:25

Tgt Ion: 91 Resp: 259562
Ion Ratio Lower Upper
91 100
126 33.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.628 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. -0.007 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

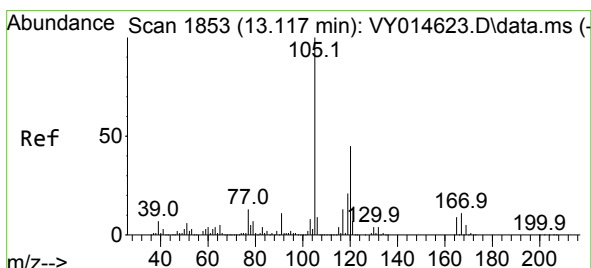
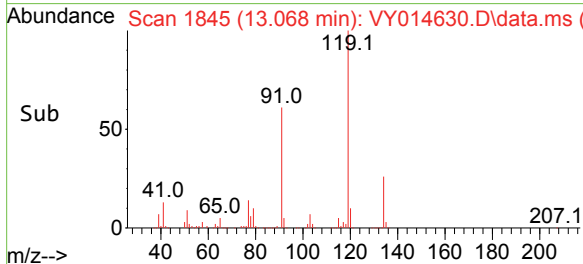
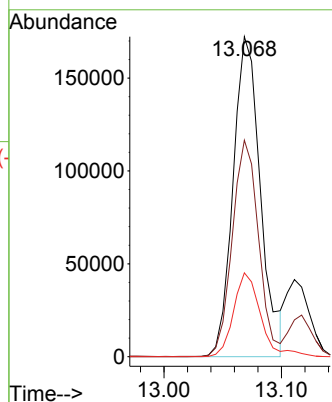
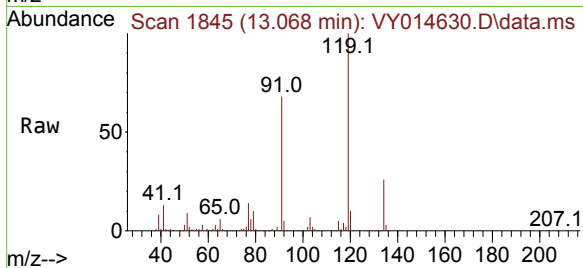
Tgt Ion:119 Resp: 278271

Ion Ratio Lower Upper

119 100

91 65.2 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.465 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014630.D

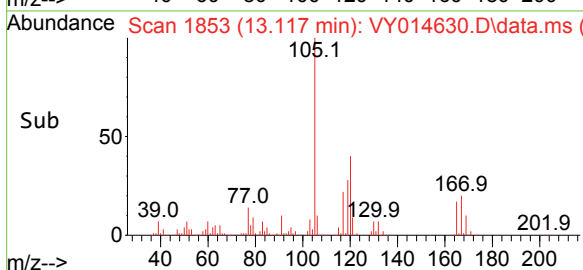
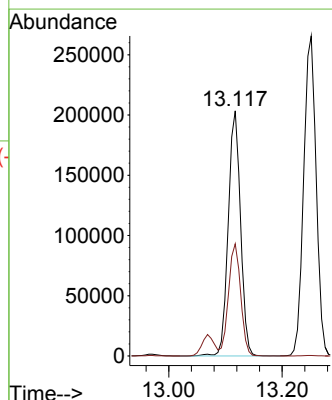
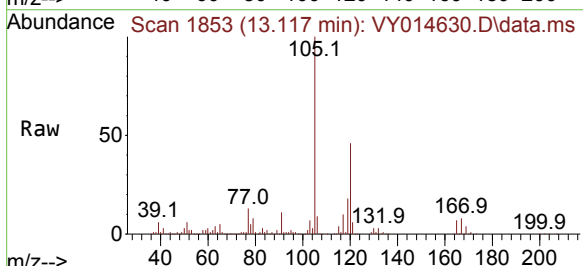
Acq: 13 Jul 2023 16:25

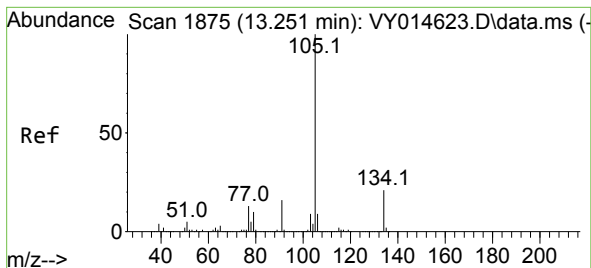
Tgt Ion:105 Resp: 305537

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.504 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

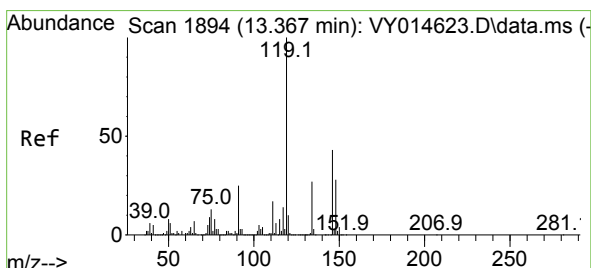
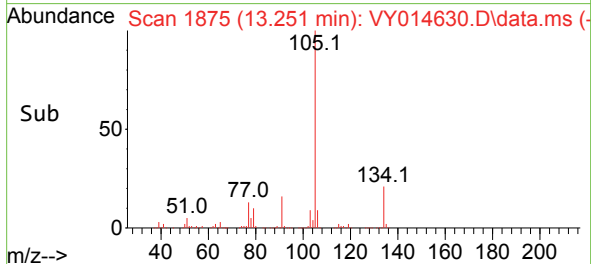
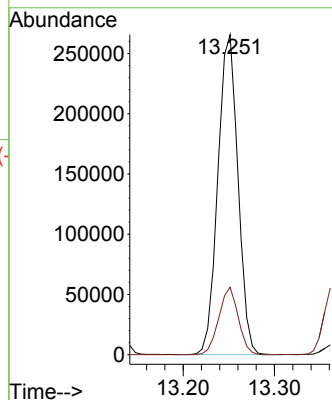
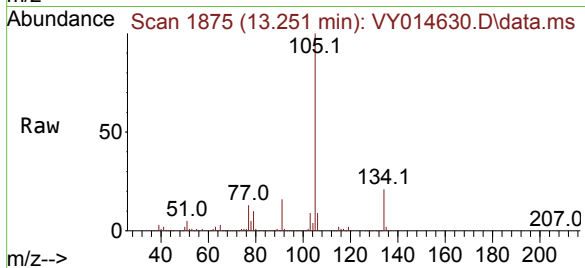
VY0713SBS01

Tgt Ion:105 Resp: 405867

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.787 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

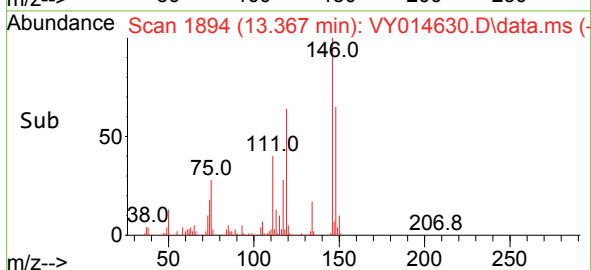
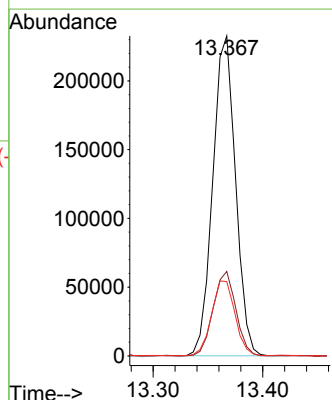
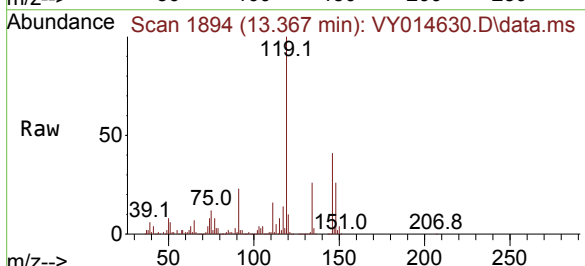
Tgt Ion:119 Resp: 335739

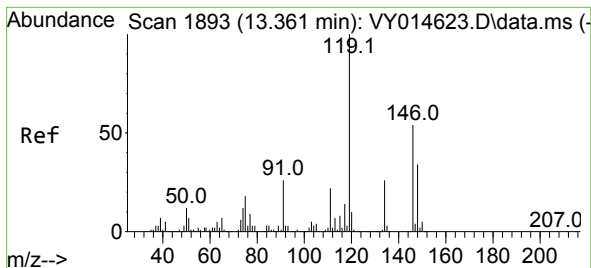
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 24.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.416 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

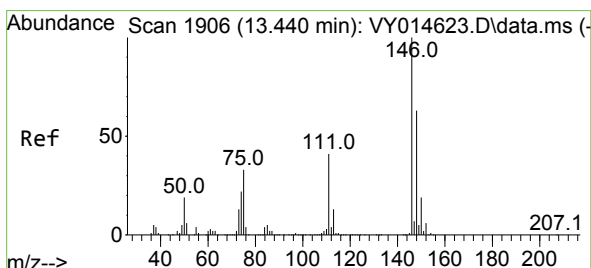
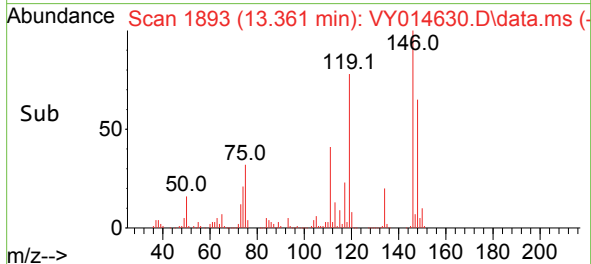
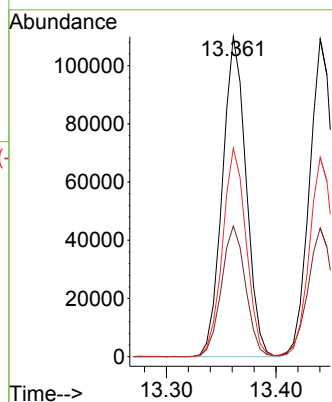
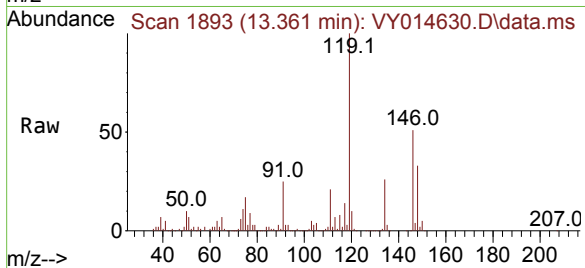
Tgt Ion:146 Resp: 165238

Ion Ratio Lower Upper

146 100

111 41.5 19.4 58.2

148 64.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.497 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

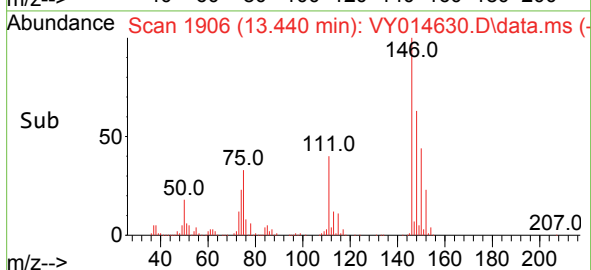
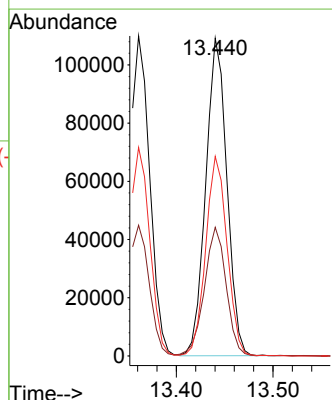
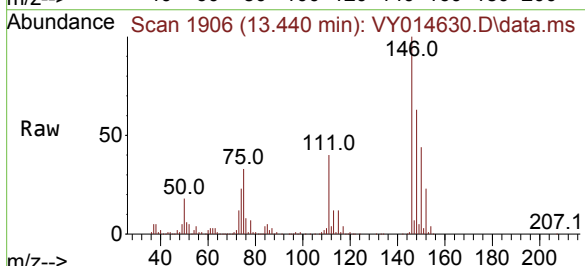
Tgt Ion:146 Resp: 166209

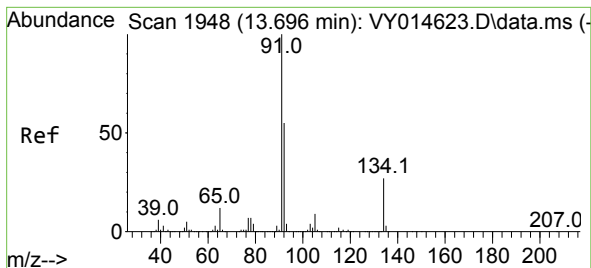
Ion Ratio Lower Upper

146 100

111 41.6 18.9 56.7

148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 21.440 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

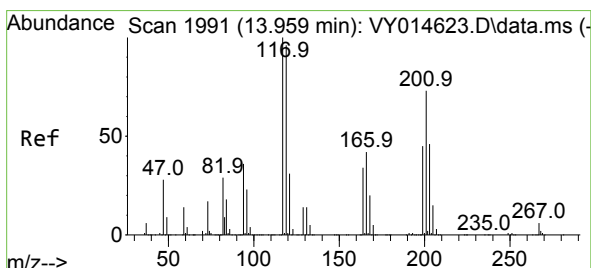
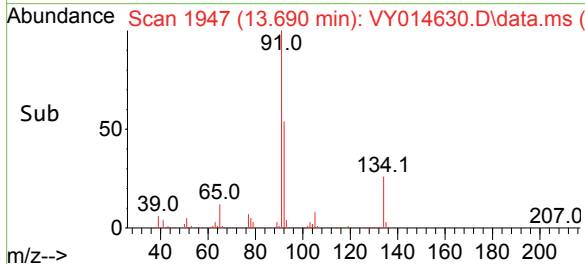
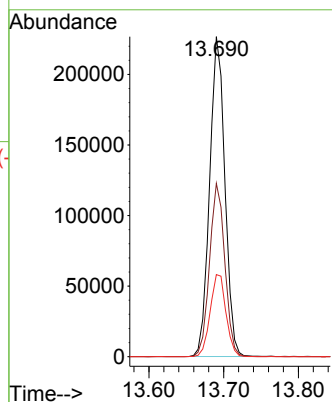
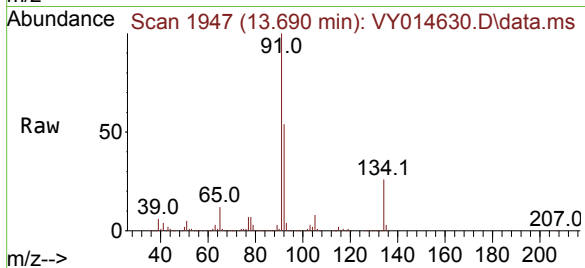
Tgt Ion: 91 Resp: 321445

Ion Ratio Lower Upper

91 100

92 54.1 25.4 76.0

134 26.6 12.6 37.6



#90

Hexachloroethane

Concen: 21.388 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY014630.D

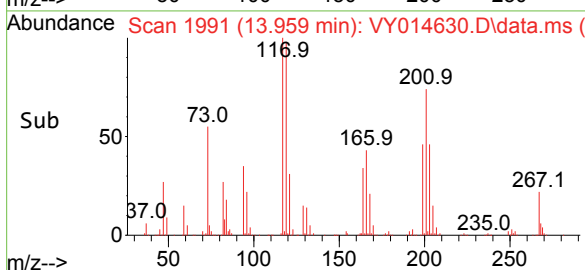
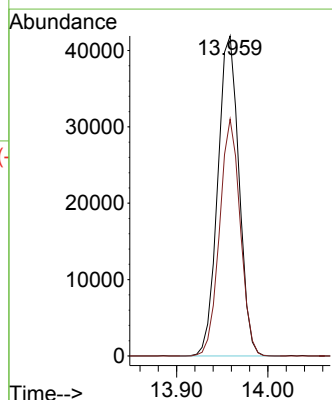
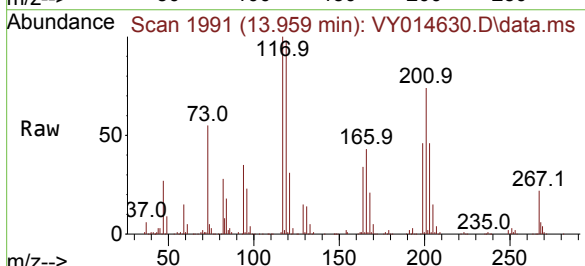
Acq: 13 Jul 2023 16:25

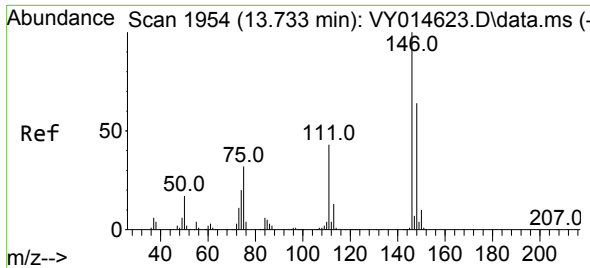
Tgt Ion: 117 Resp: 67699

Ion Ratio Lower Upper

117 100

201 72.0 41.6 124.8

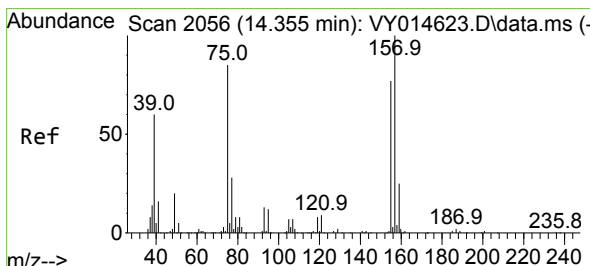
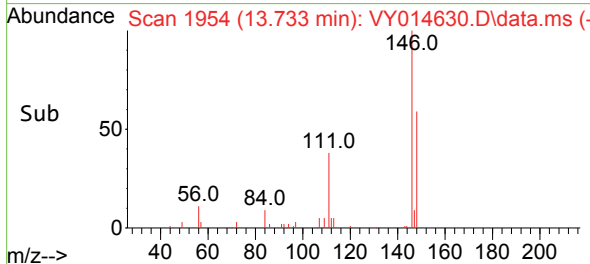
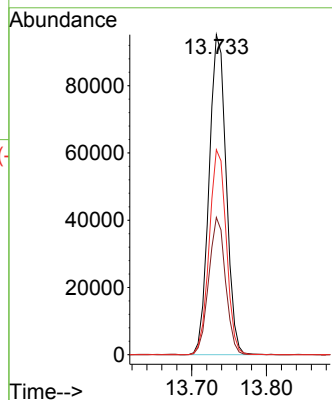
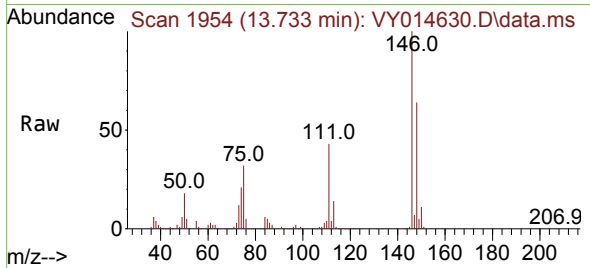




#91
 1,2-Dichlorobenzene
 Concen: 21.414 ug/l
 RT: 13.733 min Scan# 1954
 Delta R.T. -0.000 min
 Lab File: VY014630.D
 Acq: 13 Jul 2023 16:25

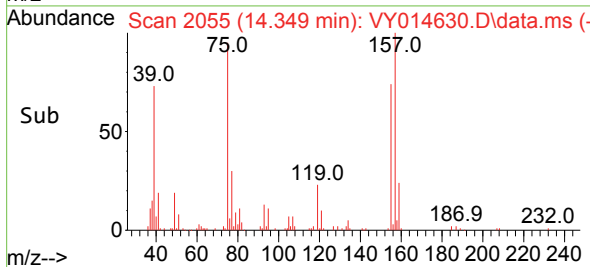
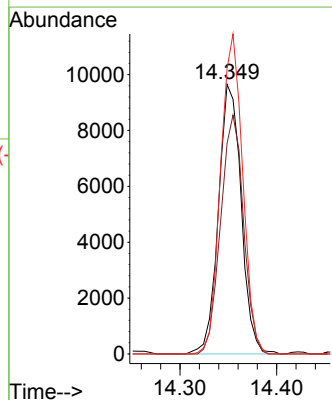
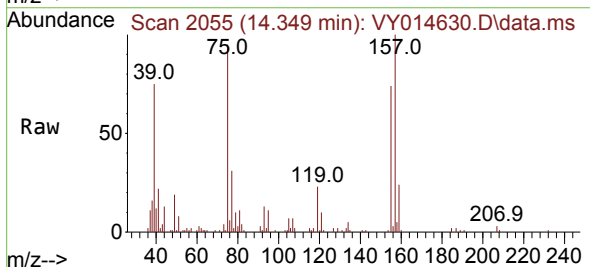
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

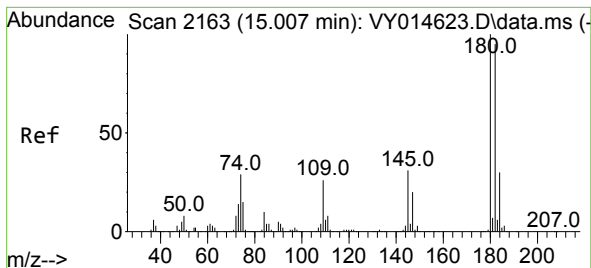
Tgt Ion:146 Resp: 151382
 Ion Ratio Lower Upper
 146 100
 111 42.2 19.7 59.0
 148 63.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.738 ug/l
 RT: 14.349 min Scan# 2055
 Delta R.T. -0.006 min
 Lab File: VY014630.D
 Acq: 13 Jul 2023 16:25

Tgt Ion: 75 Resp: 15707
 Ion Ratio Lower Upper
 75 100
 155 89.0 41.5 124.6
 157 115.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.160 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

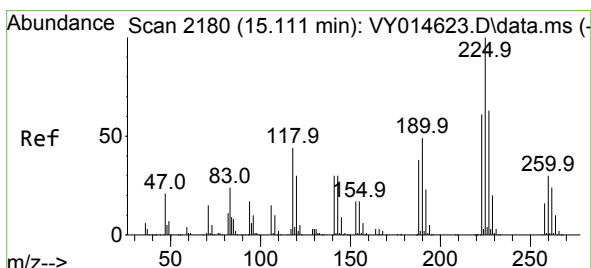
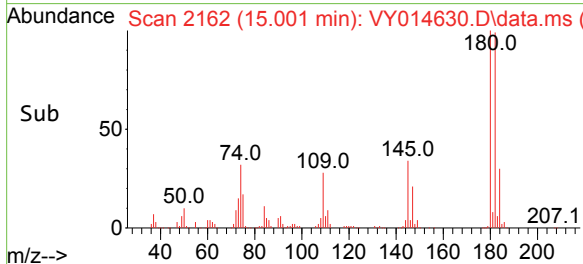
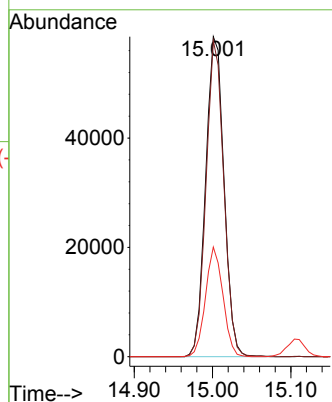
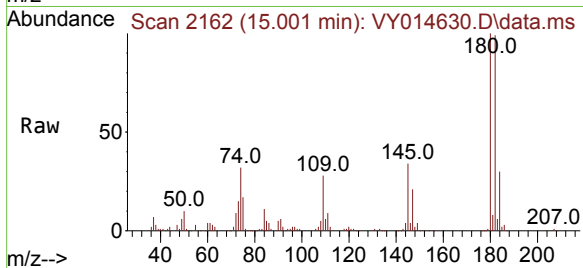
Tgt Ion:180 Resp: 94955

Ion Ratio Lower Upper

180 100

182 95.7 47.0 141.2

145 32.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.695 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

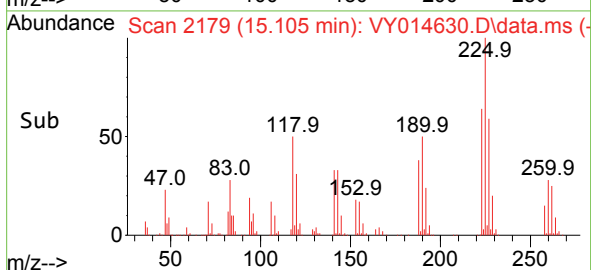
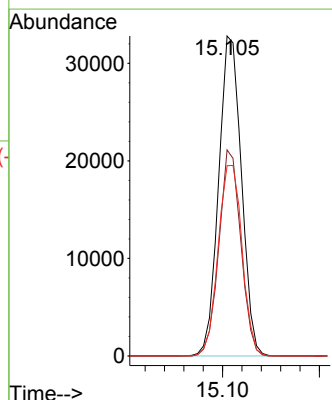
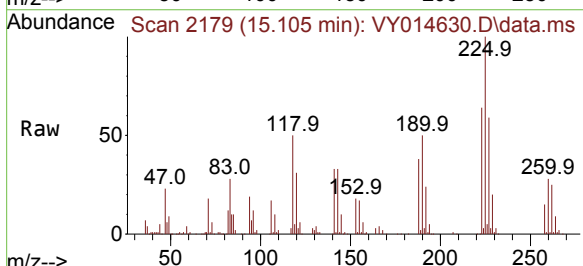
Tgt Ion:225 Resp: 53500

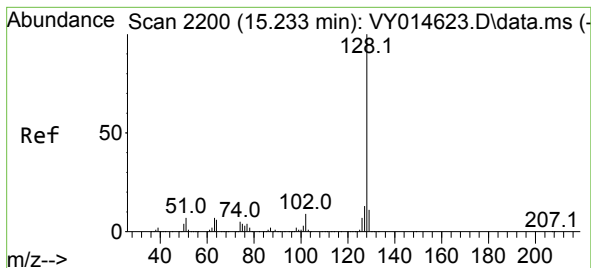
Ion Ratio Lower Upper

225 100

223 61.8 31.9 95.9

227 62.6 33.0 98.9





#95

Naphthalene

Concen: 21.211 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

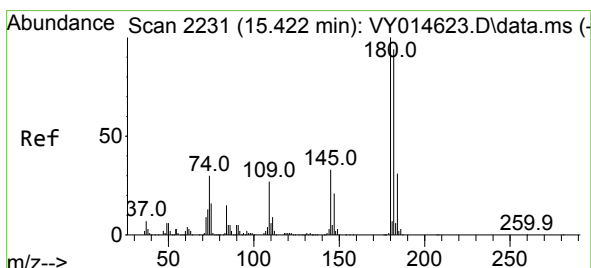
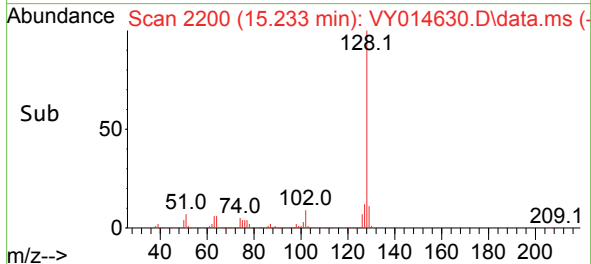
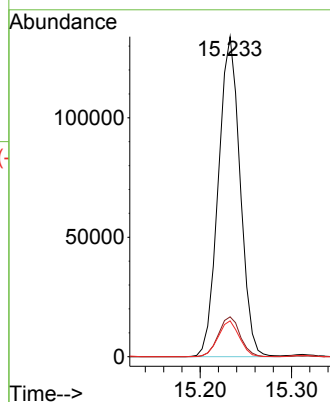
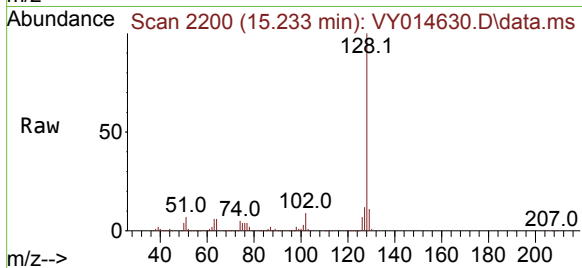
Tgt Ion:128 Resp: 221760

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.370 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014630.D

Acq: 13 Jul 2023 16:25

Tgt Ion:180 Resp: 85229

Ion Ratio Lower Upper

180 100

182 93.5 47.3 141.8

145 33.3 15.4 46.2

