

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014641.D
 Acq On : 14 Jul 2023 12:41
 Operator : SY/MD
 Sample : VY0714SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

Quant Time: Jul 14 23:06:07 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	300941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	502206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	450778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	224407	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	173006	50.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.900%	
35) Dibromofluoromethane	7.710	113	160801	50.299	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.600%	
50) Toluene-d8	10.173	98	580377	49.241	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.480%	
62) 4-Bromofluorobenzene	12.477	95	222377	49.206	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	53626	21.872	ug/l	96
3) Chloromethane	2.107	50	63120	22.902	ug/l	97
4) Vinyl Chloride	2.241	62	68194	22.140	ug/l	97
5) Bromomethane	2.625	94	47123	23.150	ug/l	96
6) Chloroethane	2.778	64	43436	22.576	ug/l	96
7) Trichlorofluoromethane	3.113	101	104695	20.238	ug/l	97
8) Diethyl Ether	3.521	74	40042	20.803	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	61245	19.315	ug/l	97
10) Methyl Iodide	4.082	142	61837	19.894	ug/l	96
11) Tert butyl alcohol	4.948	59	97977	127.906	ug/l #	92
12) 1,1-Dichloroethene	3.857	96	59931	20.223	ug/l	90
13) Acrolein	3.723	56	35425	98.833	ug/l	96
14) Allyl chloride	4.466	41	101712	19.330	ug/l	95
15) Acrylonitrile	5.155	53	112280	105.785	ug/l	98
16) Acetone	3.942	43	107283	98.722	ug/l	93
17) Carbon Disulfide	4.186	76	173467	20.445	ug/l	98
18) Methyl Acetate	4.466	43	88994	21.340	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	199027	20.675	ug/l	99
20) Methylene Chloride	4.704	84	78038	19.532	ug/l	92
21) trans-1,2-Dichloroethene	5.204	96	67490	20.068	ug/l	95
22) Diisopropyl ether	6.112	45	212606	19.874	ug/l	92
23) Vinyl Acetate	6.052	43	639817	99.942	ug/l	96
24) 1,1-Dichloroethane	6.009	63	122539	20.019	ug/l	96
25) 2-Butanone	6.978	43	165915	104.358	ug/l	96
26) 2,2-Dichloropropane	6.972	77	115140	19.737	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	80896	20.665	ug/l	95
28) Bromochloromethane	7.332	49	56568	21.458	ug/l	94
29) Tetrahydrofuran	7.344	42	105182	107.442	ug/l	93
30) Chloroform	7.502	83	126719	20.075	ug/l	95
31) Cyclohexane	7.777	56	107364	18.860	ug/l	87
32) 1,1,1-Trichloroethane	7.698	97	112031	19.720	ug/l	98
36) 1,1-Dichloropropene	7.911	75	94525	19.771	ug/l	100
37) Ethyl Acetate	7.070	43	68469	20.801	ug/l #	95
38) Carbon Tetrachloride	7.893	117	100310	19.848	ug/l	96
39) Methylcyclohexane	9.179	83	119687	19.216	ug/l	96
40) Benzene	8.155	78	273184	20.091	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	95749	56.553	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	86827	20.165	ug/l	95
43) Isopropyl Acetate	8.271	43	127198	20.286	ug/l	96
44) Trichloroethene	8.935	130	75773	19.917	ug/l	99
45) 1,2-Dichloropropane	9.209	63	69740	19.642	ug/l	98
46) Dibromomethane	9.301	93	43565	20.226	ug/l	96
47) Bromodichloromethane	9.490	83	100199	19.738	ug/l	97
48) Methyl methacrylate	9.289	41	56477	20.017	ug/l	92
49) 1,4-Dioxane	9.295	88	14909	424.496	ug/l #	53
51) 4-Methyl-2-Pentanone	10.063	43	345940	105.080	ug/l	93
52) Toluene	10.240	92	174855	20.096	ug/l	93
53) t-1,3-Dichloropropene	10.459	75	109318	19.686	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	120779	20.001	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	61985	20.659	ug/l	97
56) Ethyl methacrylate	10.508	69	93056	20.313	ug/l	91
57) 1,3-Dichloropropane	10.782	76	104257	20.146	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	231836	108.614	ug/l	95
59) 2-Hexanone	10.825	43	254697	106.087	ug/l	92
60) Dibromochloromethane	10.977	129	73422	19.959	ug/l	100
61) 1,2-Dibromoethane	11.087	107	61483	20.541	ug/l	99
64) Tetrachloroethene	10.715	164	74963	20.677	ug/l	98
65) Chlorobenzene	11.514	112	187861	19.557	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	71008	19.605	ug/l	98
67) Ethyl Benzene	11.587	91	341813	19.708	ug/l	100
68) m/p-Xylenes	11.697	106	262984	39.723	ug/l	96
69) o-Xylene	12.026	106	127531	19.777	ug/l	97
70) Styrene	12.038	104	215972	19.872	ug/l	98
71) Bromoform	12.203	173	49896	20.324	ug/l #	98
73) Isopropylbenzene	12.325	105	333139	18.959	ug/l	100
74) N-amyl acetate	12.142	43	114498	19.456	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	78238	19.525	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	104674	36.932	ug/l #	100
77) Bromobenzene	12.605	156	78802	19.647	ug/l	95
78) n-propylbenzene	12.666	91	401489	18.962	ug/l	99
79) 2-Chlorotoluene	12.752	91	231375	18.972	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	281079	19.154	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	29280	20.003	ug/l	91
82) 4-Chlorotoluene	12.849	91	237149	18.881	ug/l	100
83) tert-Butylbenzene	13.069	119	250797	19.267	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	278699	19.352	ug/l	99
85) sec-Butylbenzene	13.251	105	362340	18.975	ug/l	100
86) p-Isopropyltoluene	13.367	119	302278	19.388	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	152453	19.530	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	154830	19.793	ug/l	98
89) n-Butylbenzene	13.690	91	291143	19.194	ug/l	97
90) Hexachloroethane	13.959	117	60337	18.841	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	141509	19.786	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14998	19.572	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	89382	19.687	ug/l	98
94) Hexachlorobutadiene	15.111	225	49220	19.728	ug/l	97
95) Naphthalene	15.233	128	214381	20.268	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	81033	20.083	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

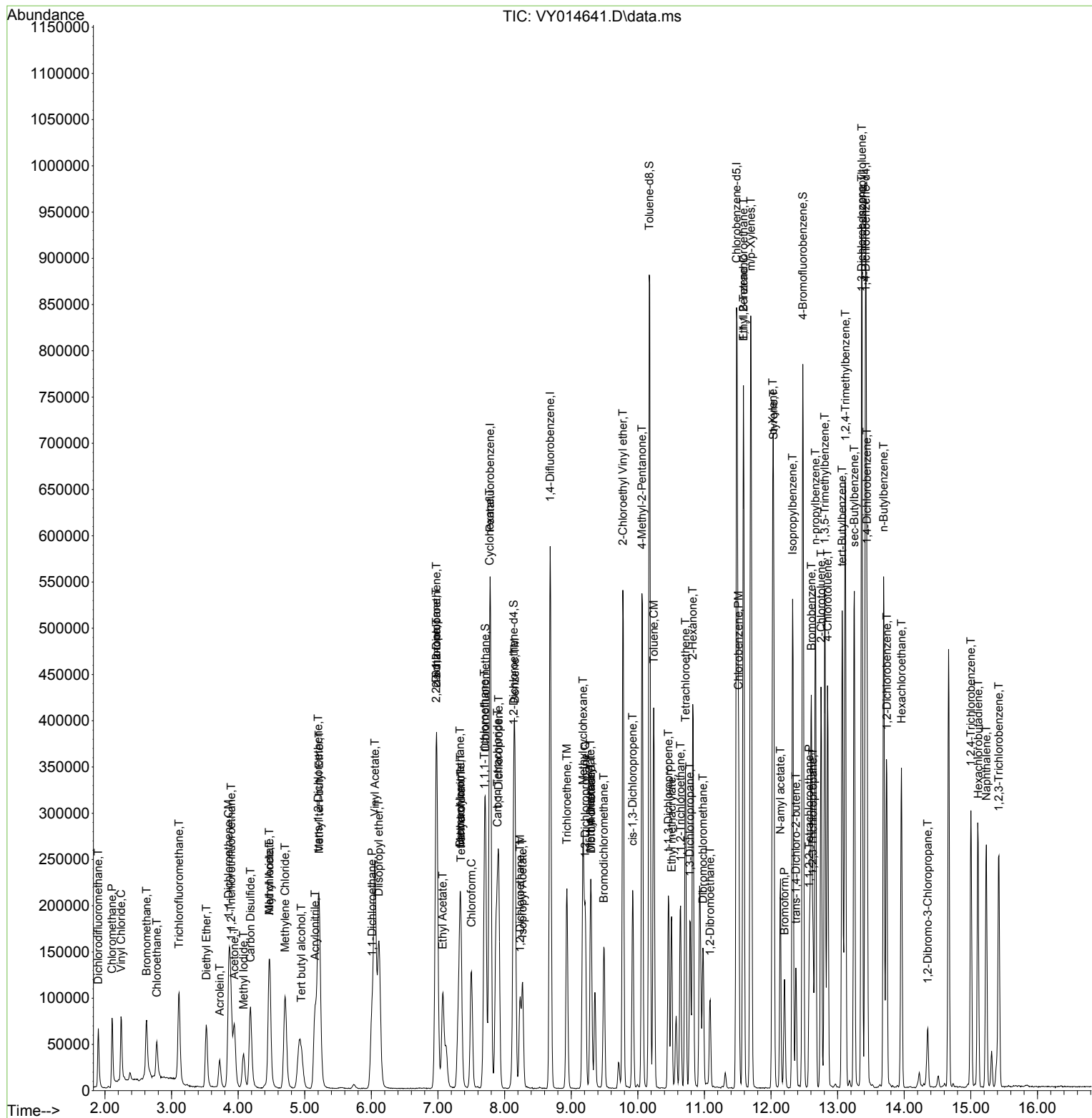
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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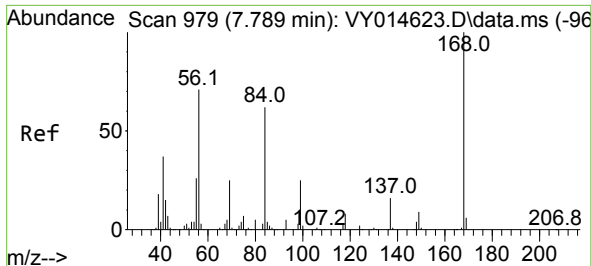
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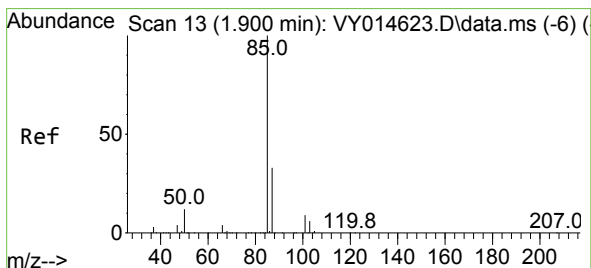
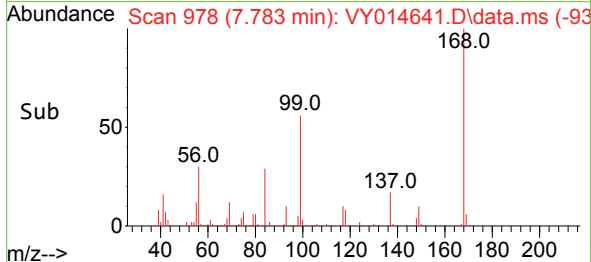
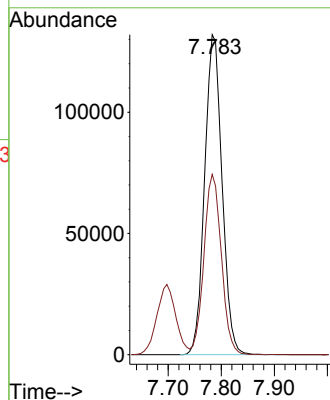
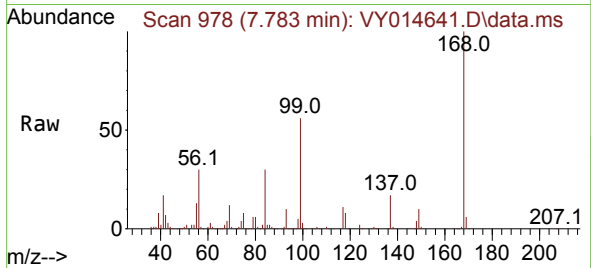




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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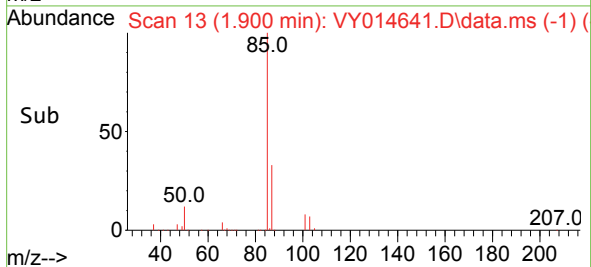
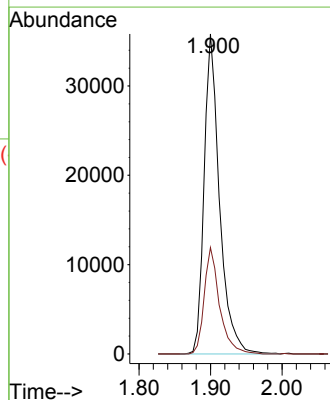
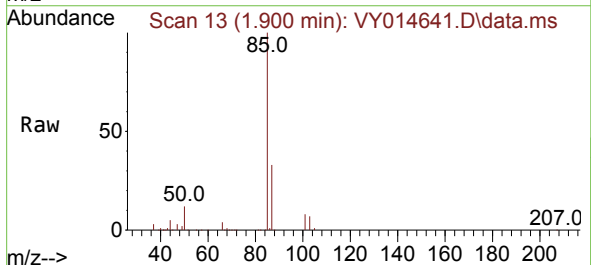
Instrument :
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ClientSampleId :
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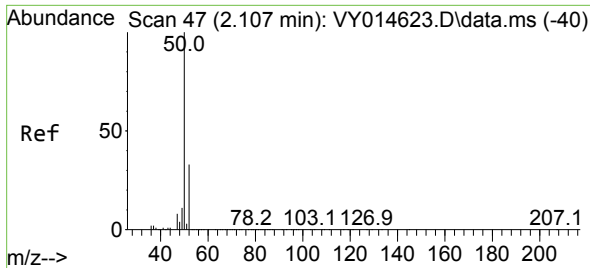
Tgt Ion:168 Resp: 300941
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 21.872 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 85 Resp: 53626
Ion Ratio Lower Upper
85 100
87 33.3 15.6 46.8

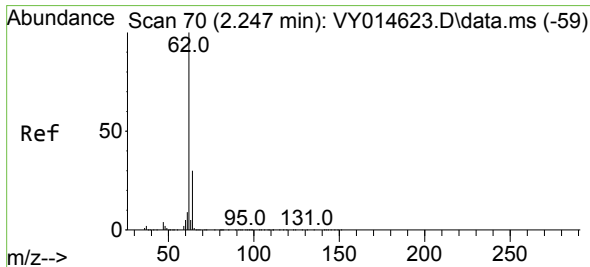
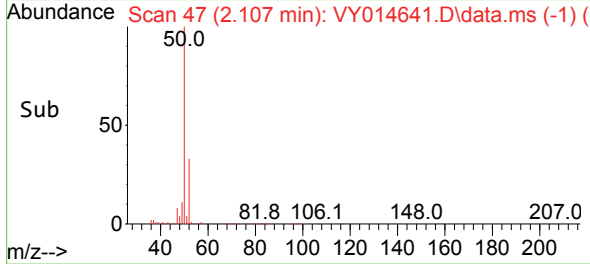
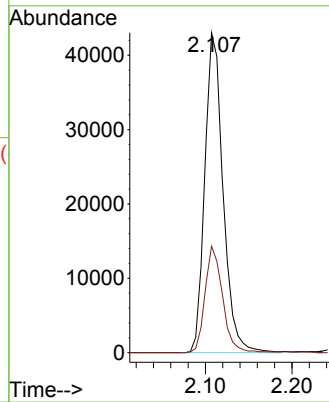
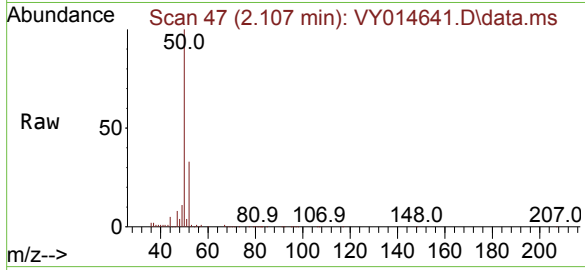




#3
Chloromethane
Concen: 22.902 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

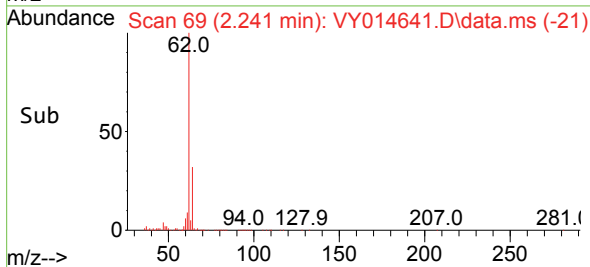
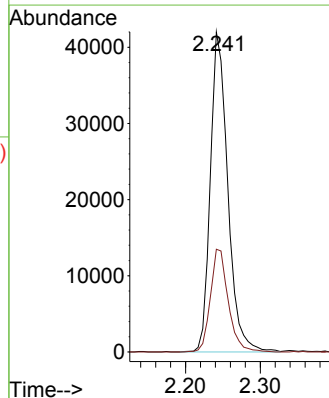
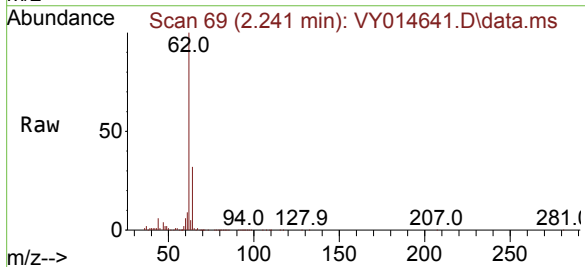
Instrument :
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ClientSampleId :
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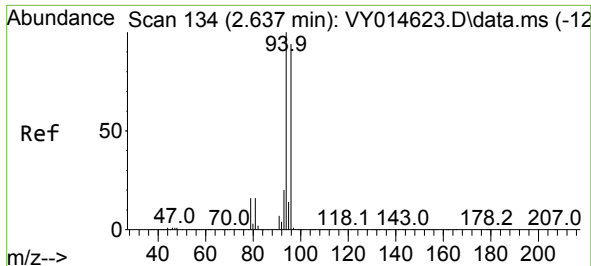
Tgt Ion: 50 Resp: 63120
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2



#4
Vinyl Chloride
Concen: 22.140 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 62 Resp: 68194
Ion Ratio Lower Upper
62 100
64 32.1 24.3 36.5

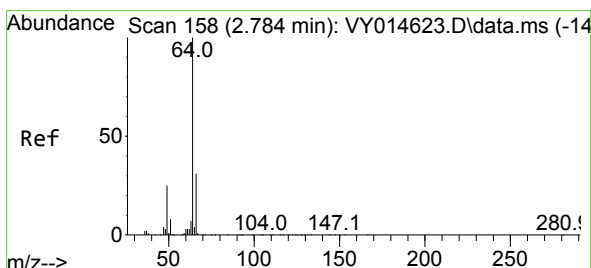
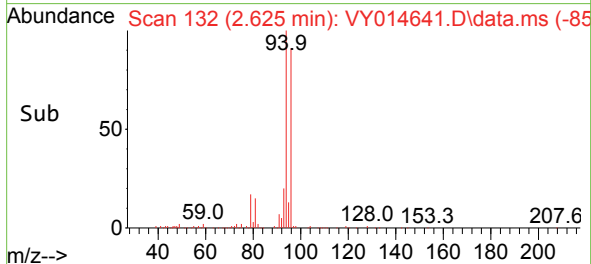
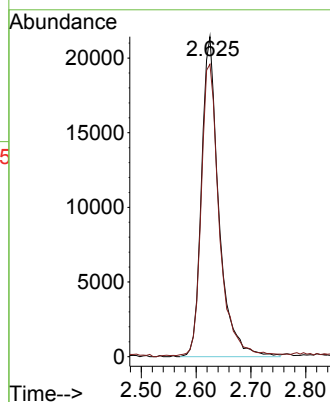
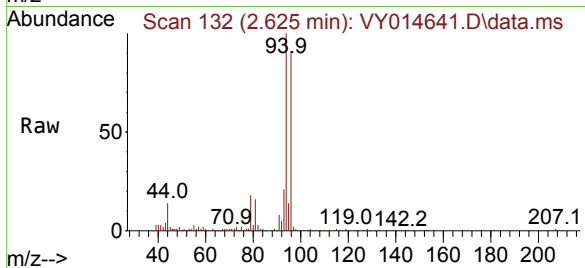




#5
Bromomethane
Concen: 23.150 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

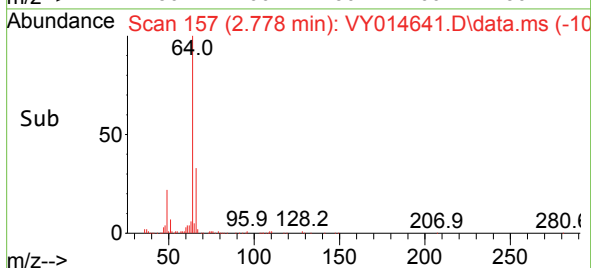
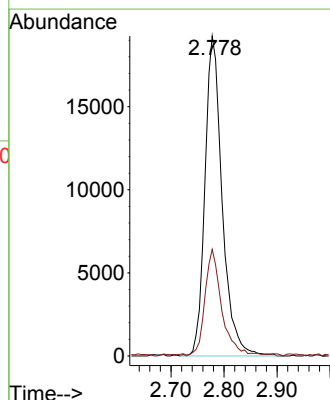
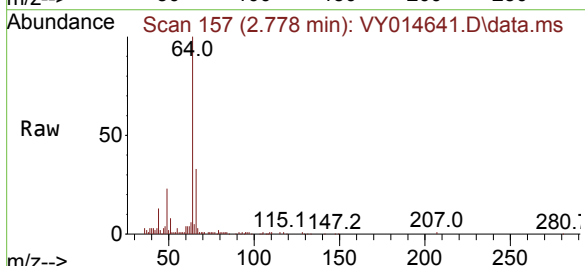
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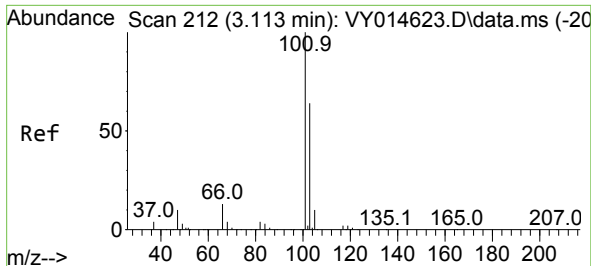
Tgt Ion: 94 Resp: 47123
Ion Ratio Lower Upper
94 100
96 90.8 75.8 113.6



#6
Chloroethane
Concen: 22.576 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014641.D
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Tgt Ion: 64 Resp: 43436
Ion Ratio Lower Upper
64 100
66 32.9 24.4 36.6

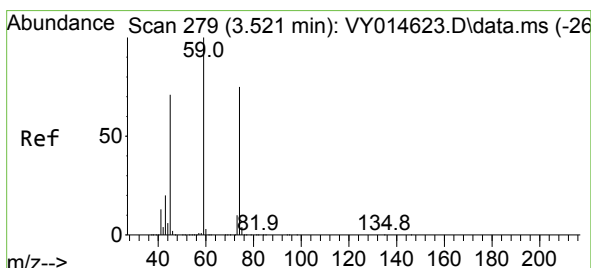
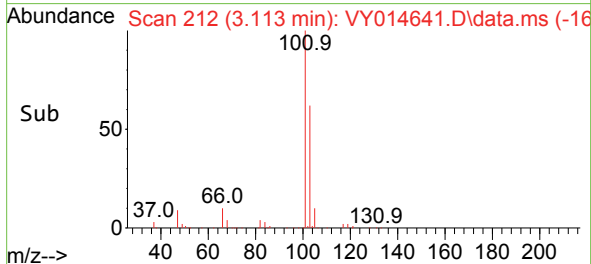
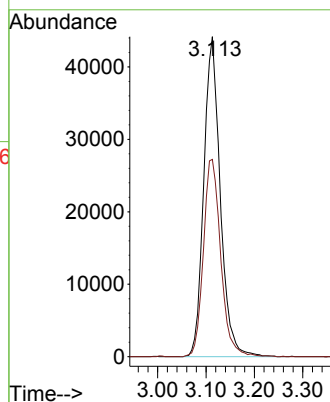
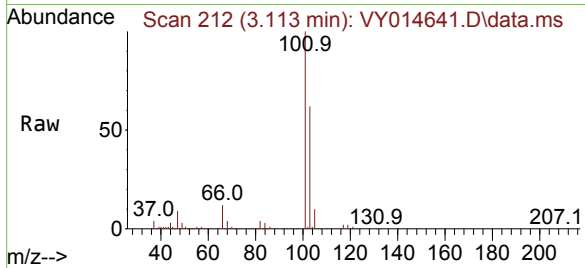




#7
 Trichlorofluoromethane
 Concen: 20.238 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY014641.D
 Acq: 14 Jul 2023 12:41

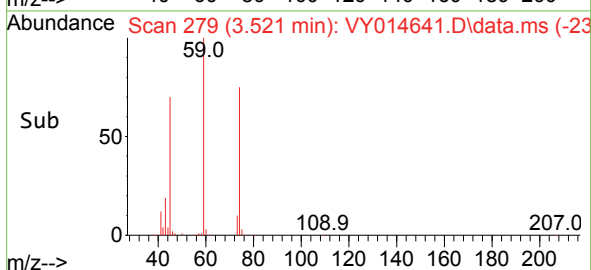
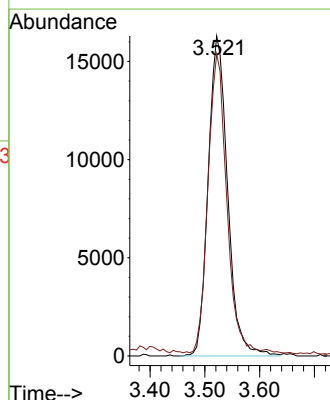
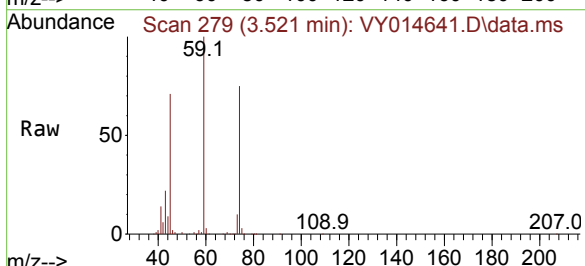
Instrument :
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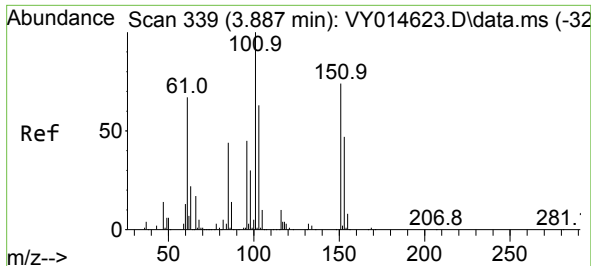
Tgt Ion:101 Resp: 104695
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.803 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY014641.D
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Tgt Ion: 74 Resp: 40042
 Ion Ratio Lower Upper
 74 100
 45 89.4 51.5 154.5

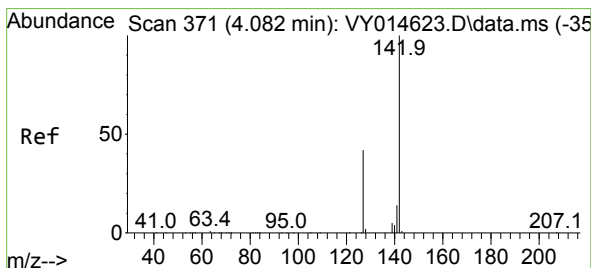
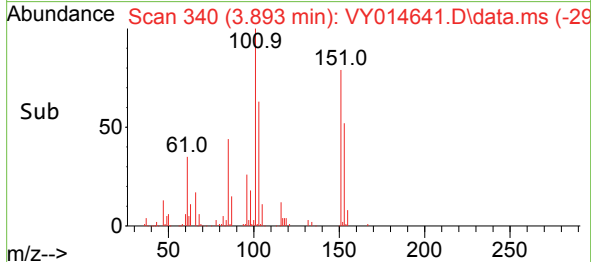
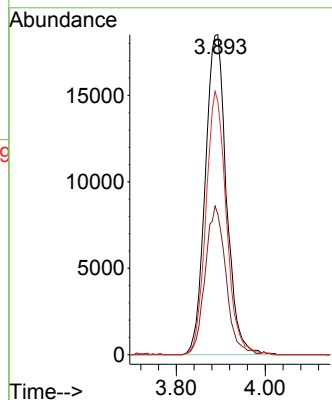
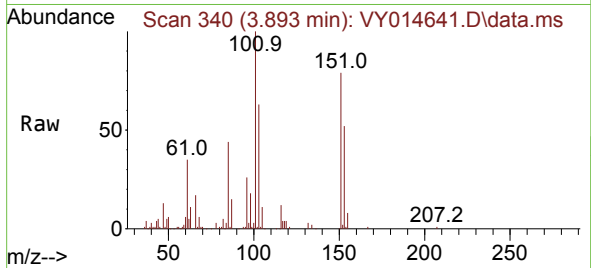




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.315 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

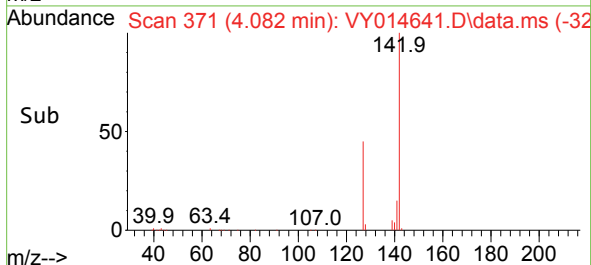
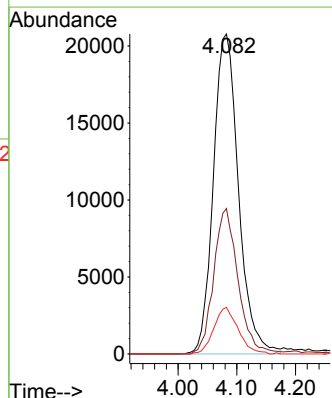
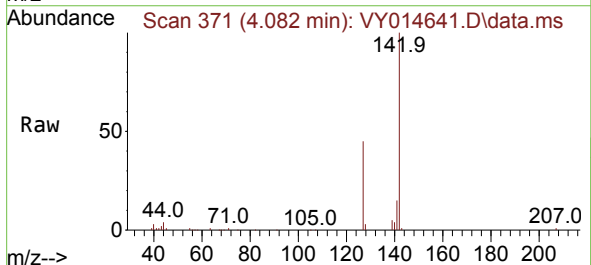
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

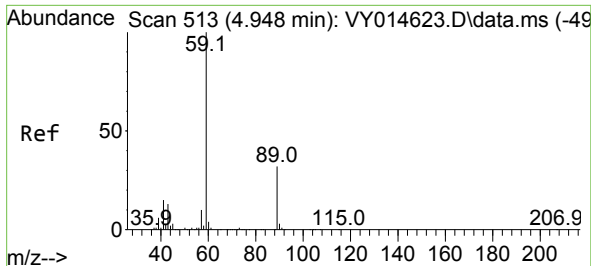
Tgt Ion:101 Resp: 61245
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 79.5 67.0 100.6



#10
Methyl Iodide
Concen: 19.894 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion:142 Resp: 61837
Ion Ratio Lower Upper
142 100
127 44.1 37.6 56.4
141 14.1 11.8 17.8

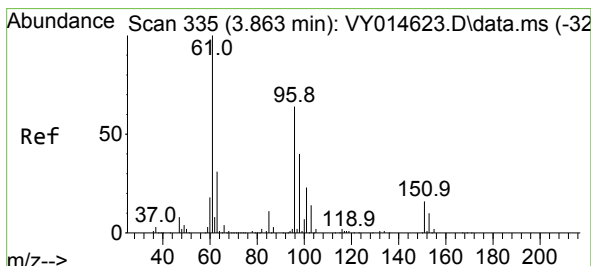
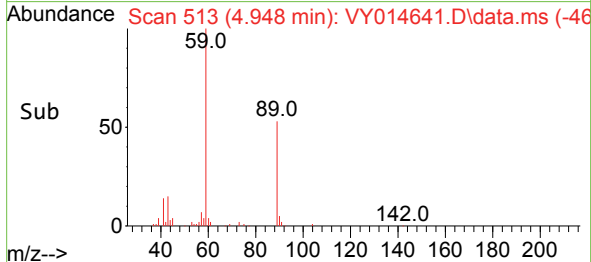
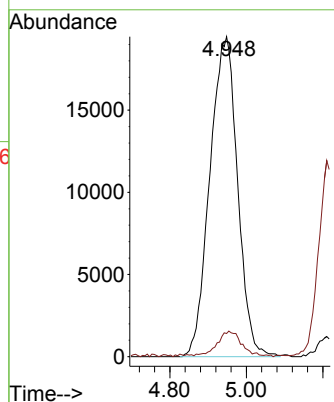
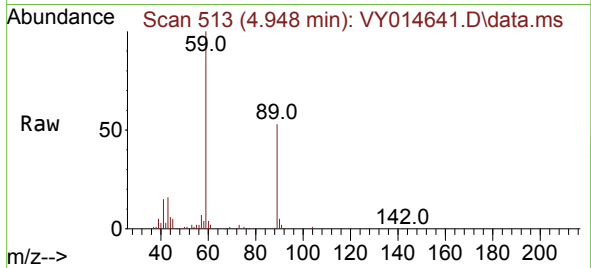




#11
Tert butyl alcohol
Concen: 127.906 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

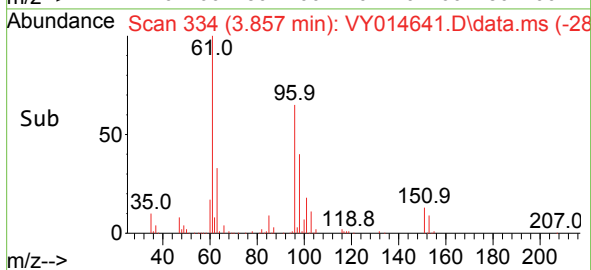
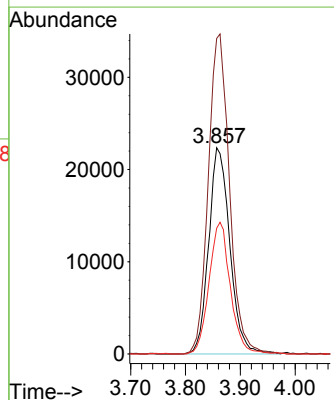
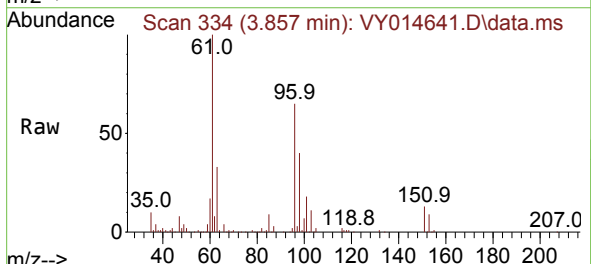
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

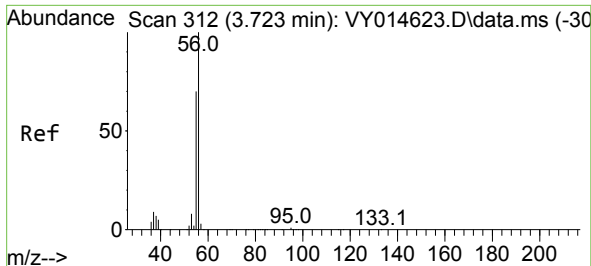
Tgt Ion: 59 Resp: 97977
Ion Ratio Lower Upper
59 100
57 6.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.223 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 96 Resp: 59931
Ion Ratio Lower Upper
96 100
61 153.0 136.4 204.6
98 61.0 49.4 74.2





#13

Acrolein

Concen: 98.833 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

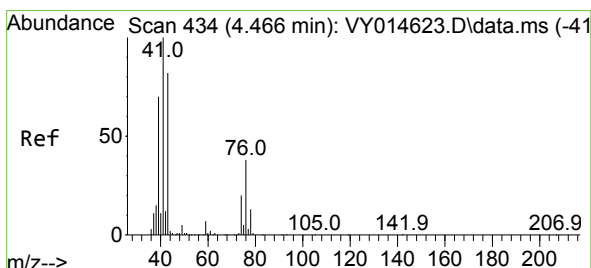
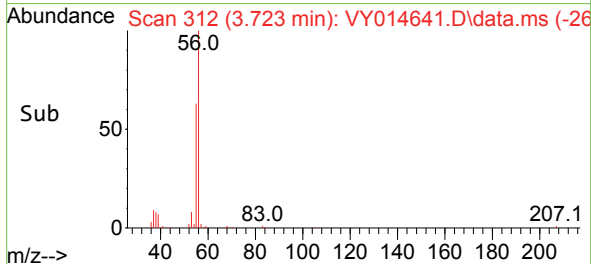
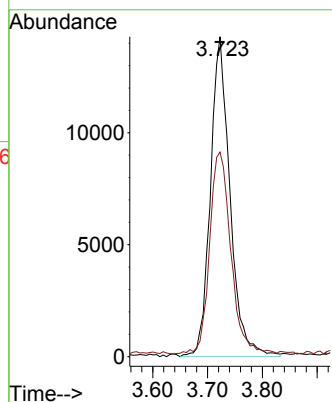
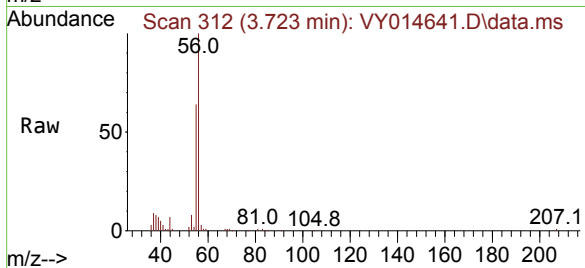
VY0714SBSD01

Tgt Ion: 56 Resp: 35425

Ion Ratio Lower Upper

56 100

55 68.2 57.0 85.4



#14

Allyl chloride

Concen: 19.330 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

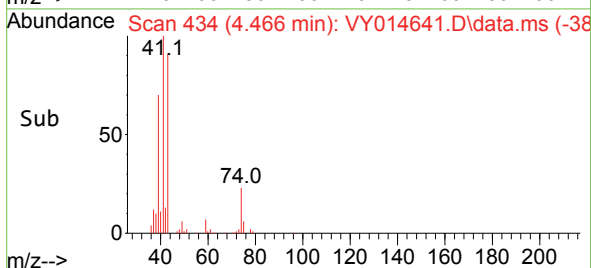
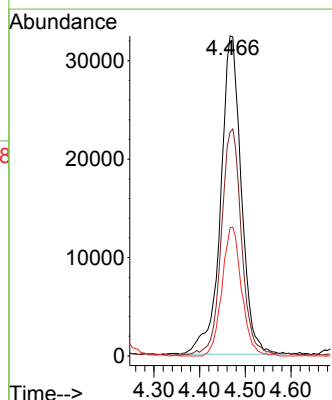
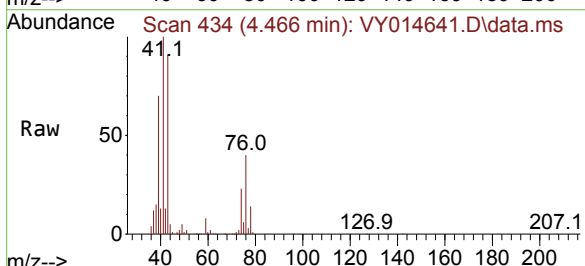
Tgt Ion: 41 Resp: 101712

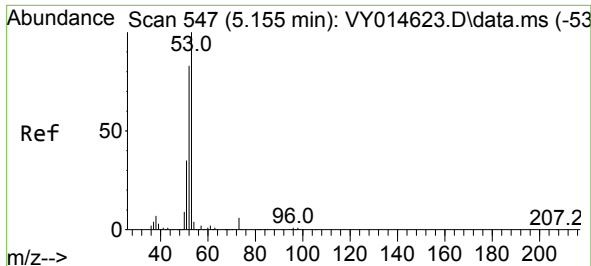
Ion Ratio Lower Upper

41 100

39 69.7 58.0 87.0

76 38.5 27.4 41.2

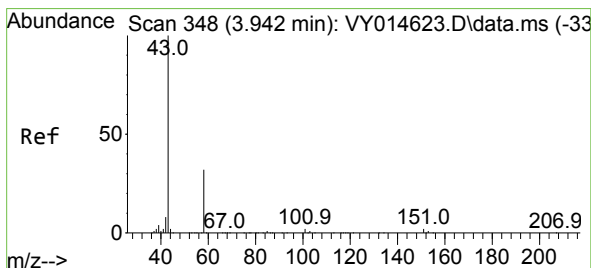
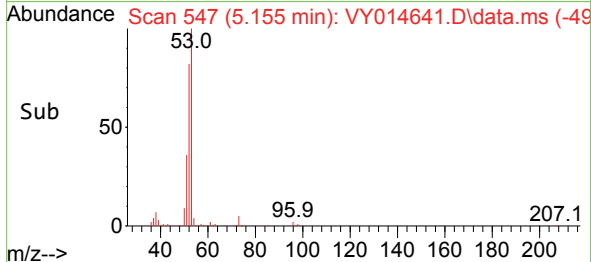
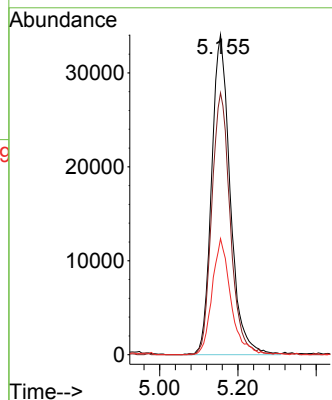
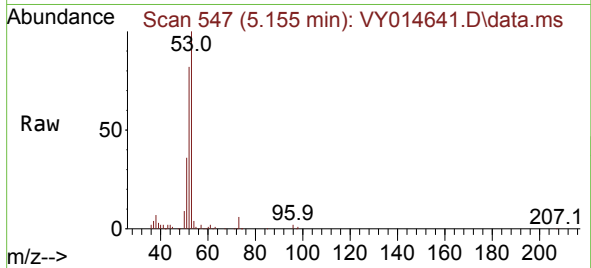




#15
Acrylonitrile
Concen: 105.785 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

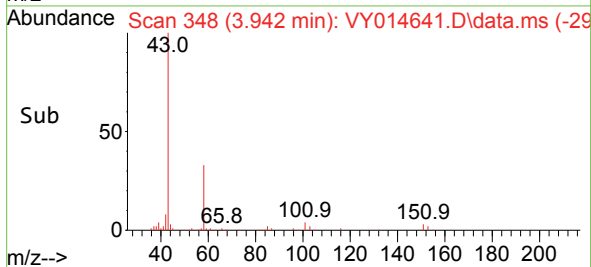
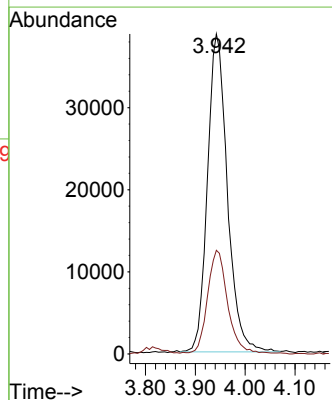
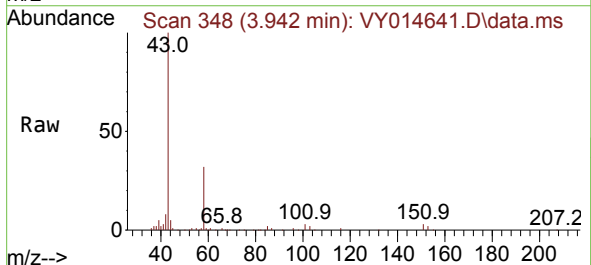
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

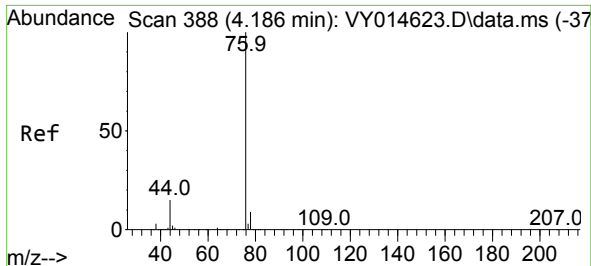
Tgt Ion: 53 Resp: 112280
Ion Ratio Lower Upper
53 100
52 81.4 66.9 100.3
51 36.6 29.8 44.6



#16
Acetone
Concen: 98.722 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 43 Resp: 107283
Ion Ratio Lower Upper
43 100
58 32.3 22.7 34.1

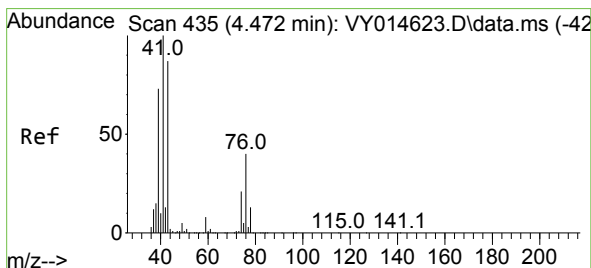
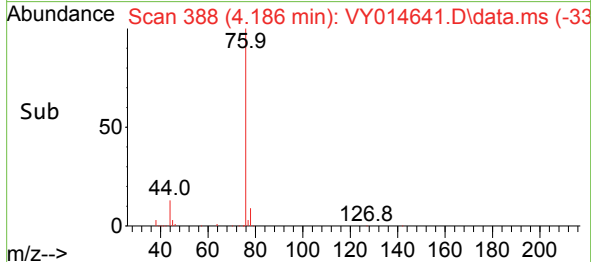
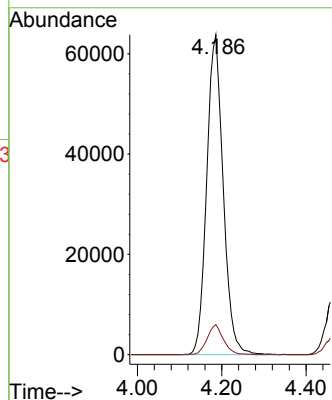
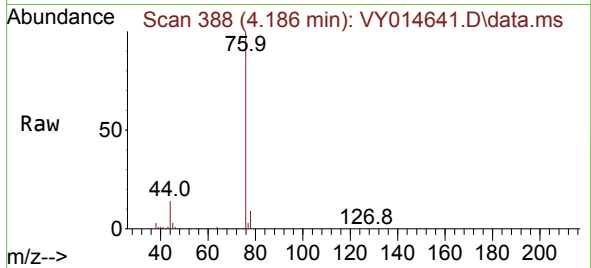




#17
Carbon Disulfide
Concen: 20.445 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

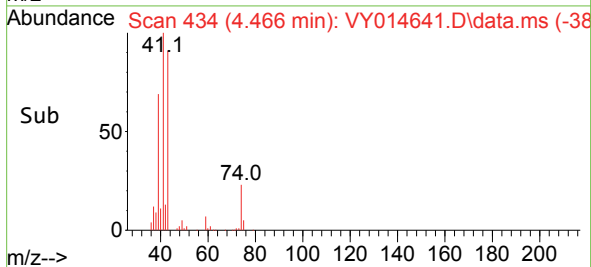
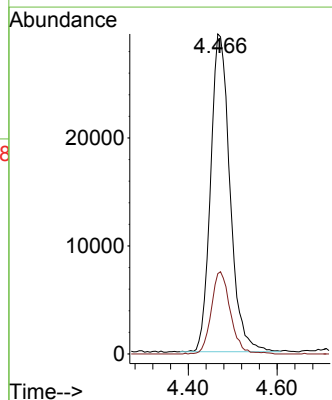
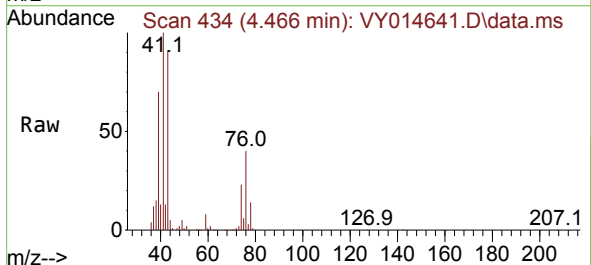
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

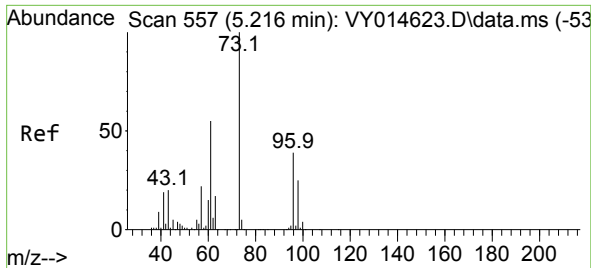
Tgt Ion: 76 Resp: 173467
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 21.340 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 43 Resp: 88994
Ion Ratio Lower Upper
43 100
74 25.6 17.4 26.0

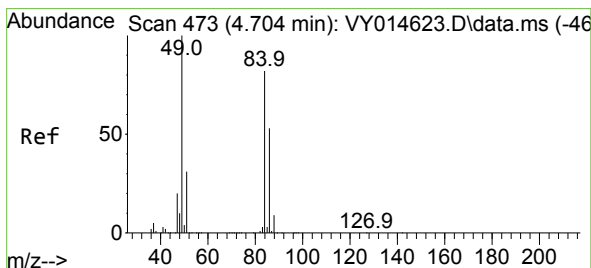
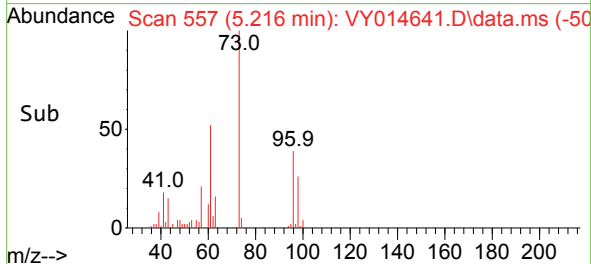
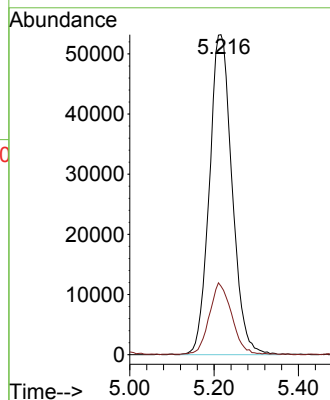
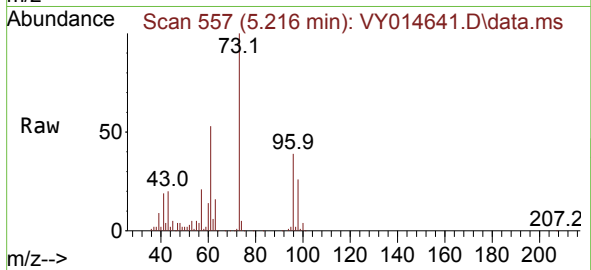




#19
Methyl tert-butyl Ether
Concen: 20.675 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

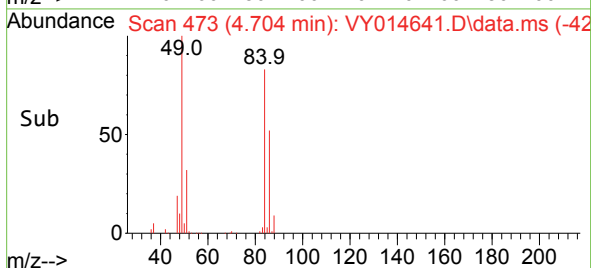
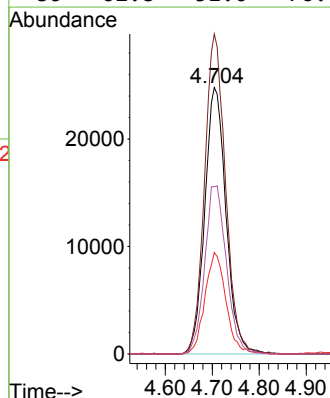
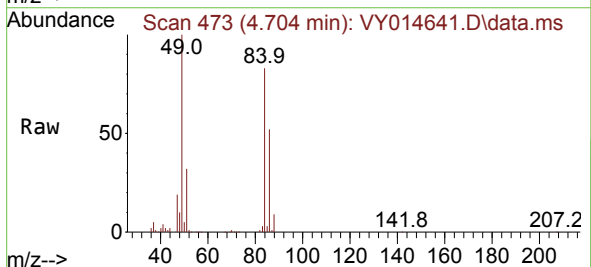
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

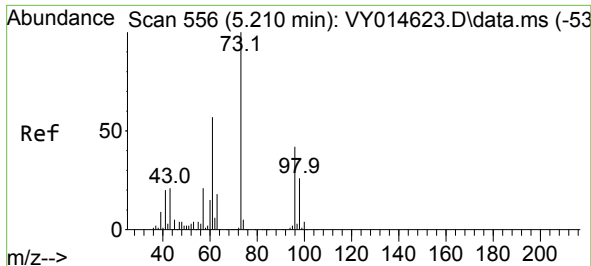
Tgt Ion: 73 Resp: 199027
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 19.532 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 84 Resp: 78038
Ion Ratio Lower Upper
84 100
49 120.1 106.9 160.3
51 38.1 33.2 49.8
86 62.8 51.0 76.6

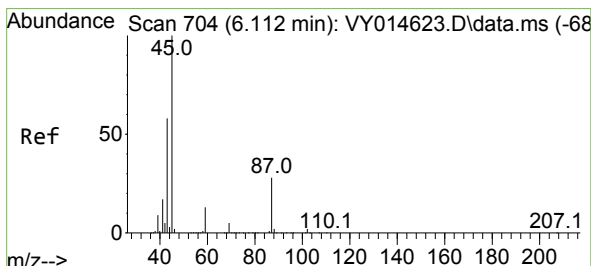
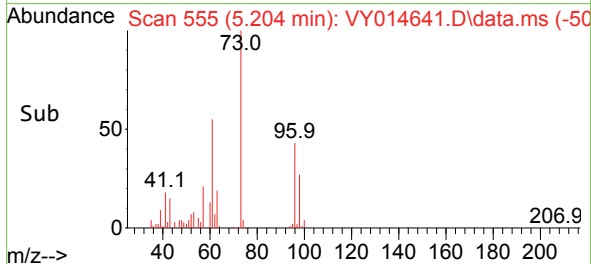
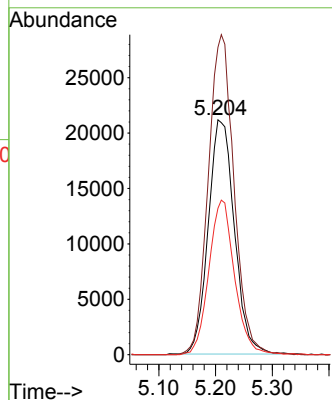
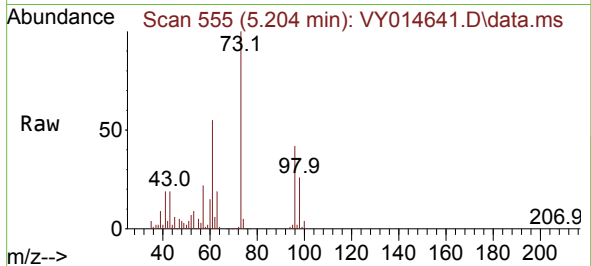




#21
trans-1,2-Dichloroethene
Concen: 20.068 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

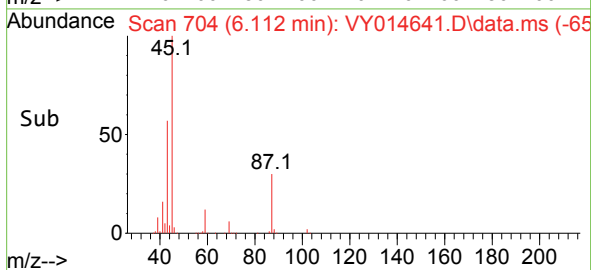
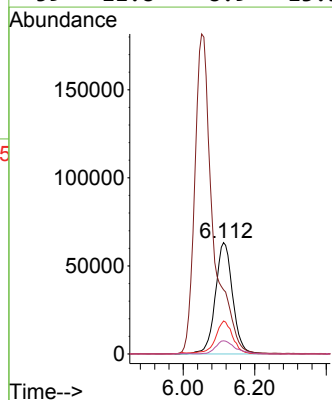
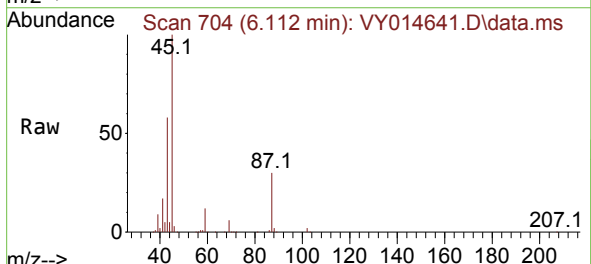
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

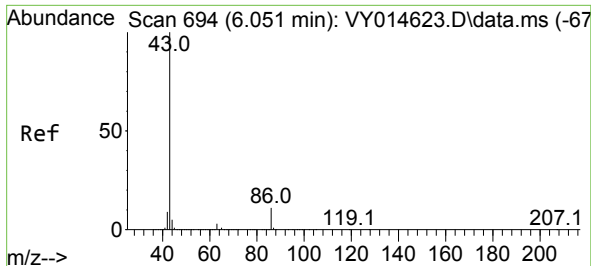
Tgt Ion: 96 Resp: 67490
Ion Ratio Lower Upper
96 100
61 130.9 110.2 165.4
98 62.6 51.8 77.6



#22
Diisopropyl ether
Concen: 19.874 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 45 Resp: 212606
Ion Ratio Lower Upper
45 100
43 57.0 52.2 78.4
87 29.6 21.0 31.6
59 11.8 8.9 13.3

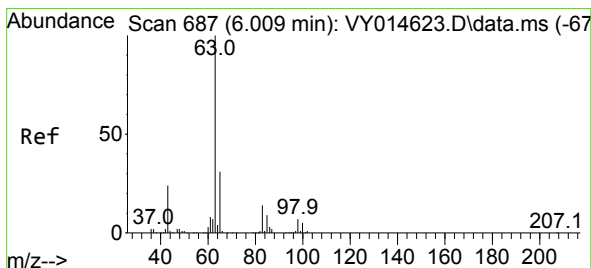
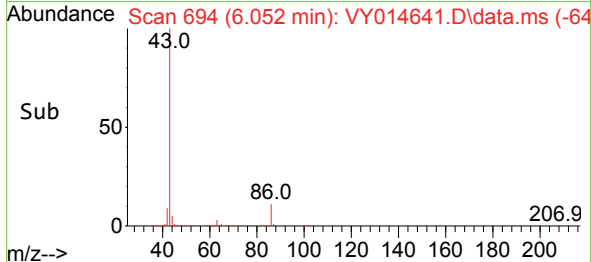
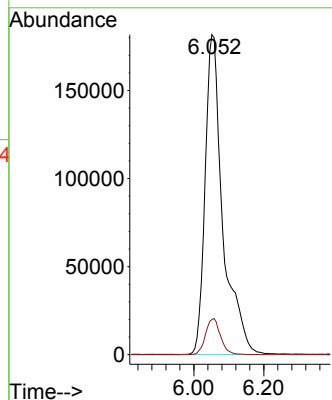
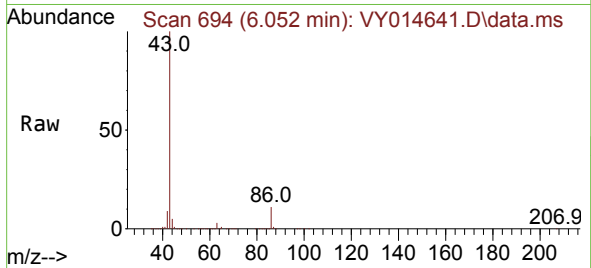




#23
 Vinyl Acetate
 Concen: 99.942 ug/l
 RT: 6.052 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY014641.D
 Acq: 14 Jul 2023 12:41

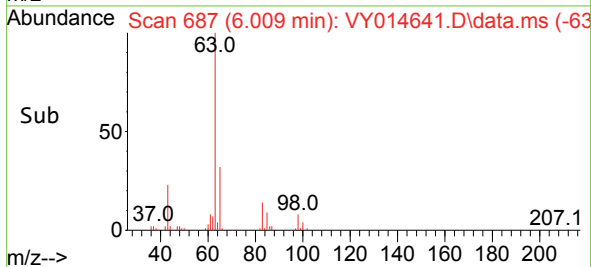
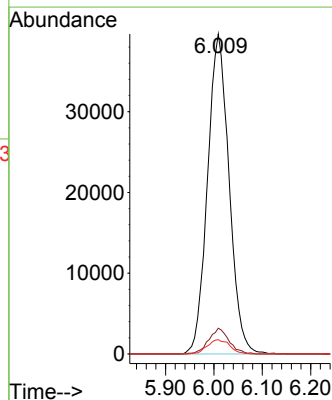
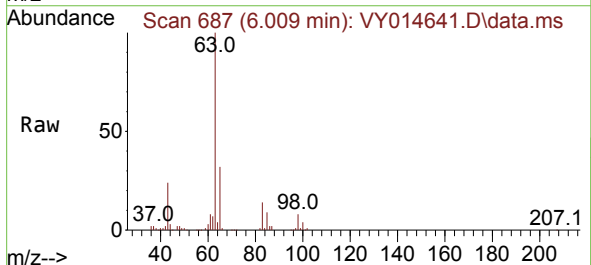
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBSD01

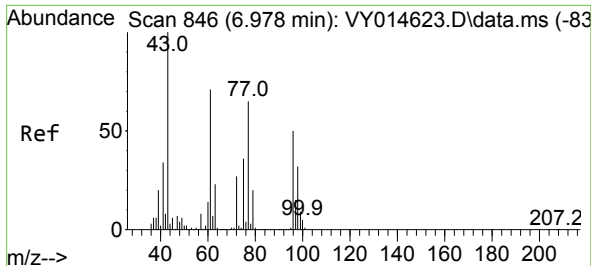
Tgt Ion: 43 Resp: 639817
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.019 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014641.D
 Acq: 14 Jul 2023 12:41

Tgt Ion: 63 Resp: 122539
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.1 9.4
 100 4.4 1.8 5.5

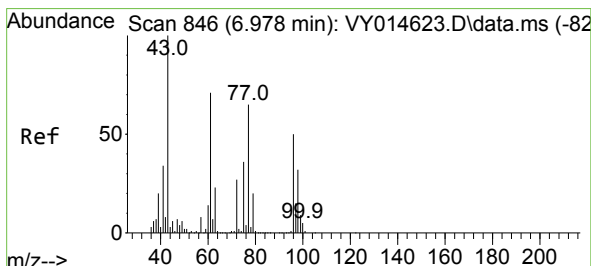
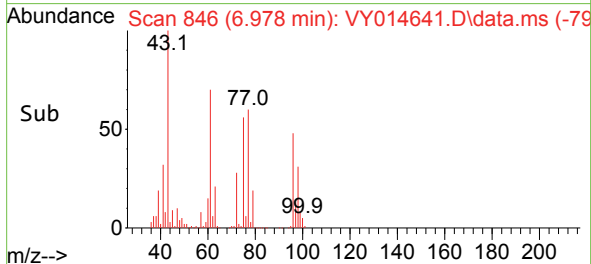
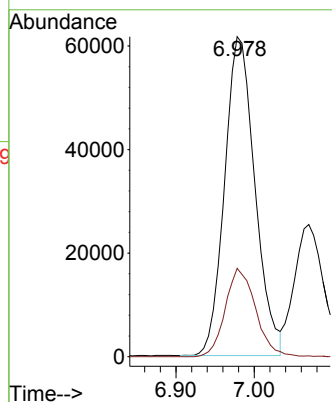
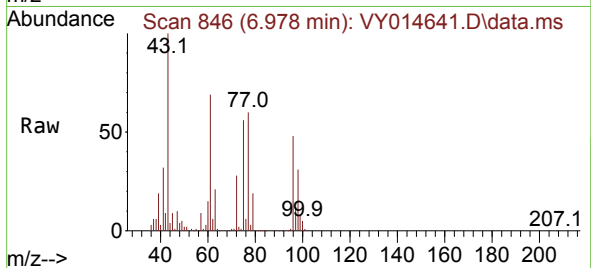




#25
2-Butanone
Concen: 104.358 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

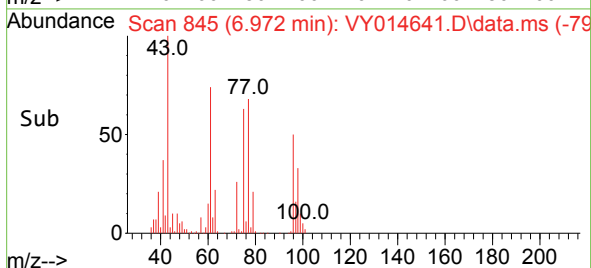
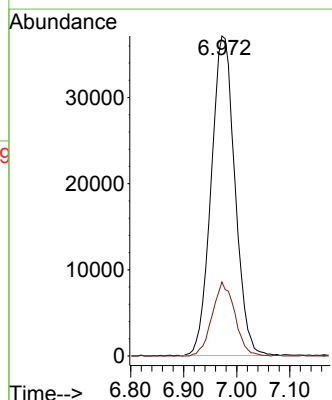
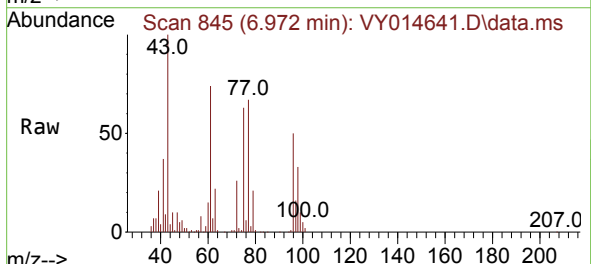
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

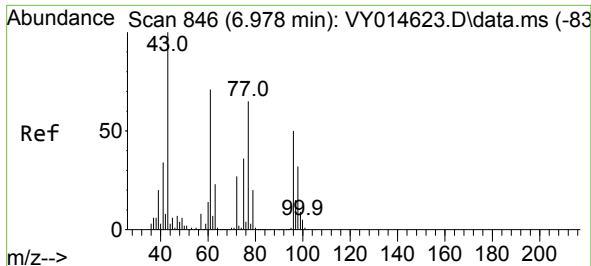
Tgt Ion: 43 Resp: 165915
Ion Ratio Lower Upper
43 100
72 27.7 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.737 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 77 Resp: 115140
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.665 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBSD01

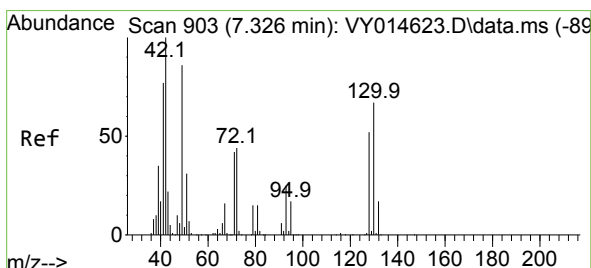
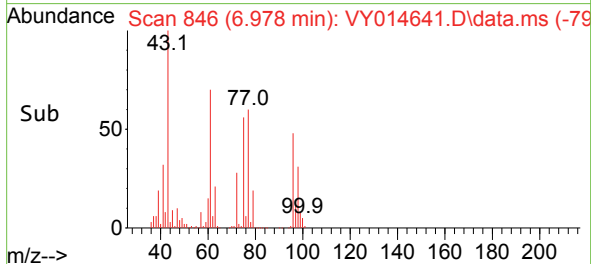
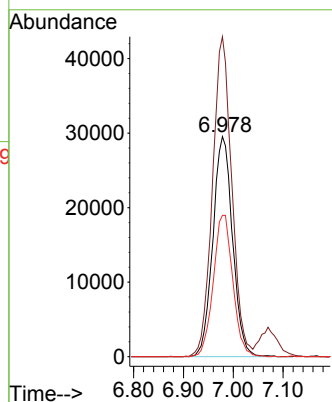
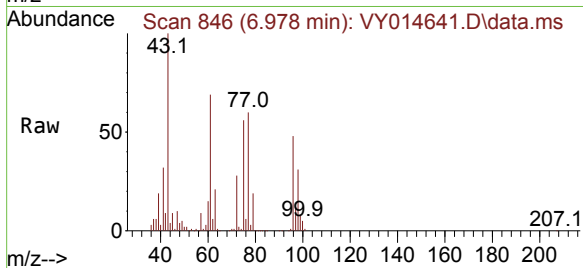
Tgt Ion: 96 Resp: 80896

Ion Ratio Lower Upper

96 100

61 142.6 0.0 301.4

98 63.9 0.0 130.4



#28

Bromochloromethane

Concen: 21.458 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

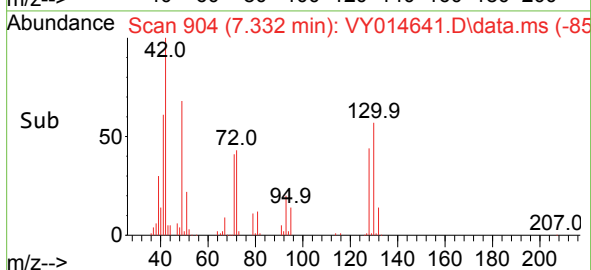
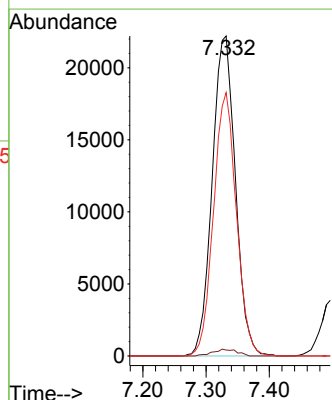
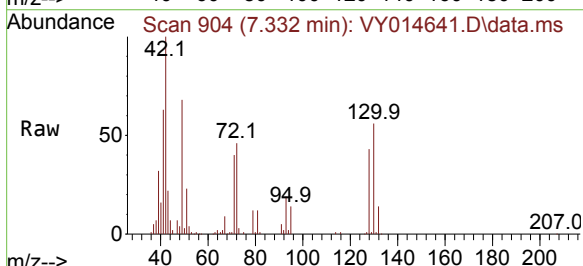
Tgt Ion: 49 Resp: 56568

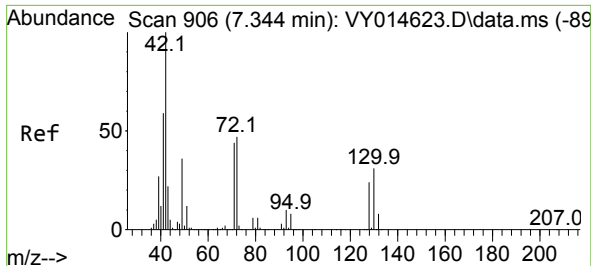
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 81.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 107.442 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

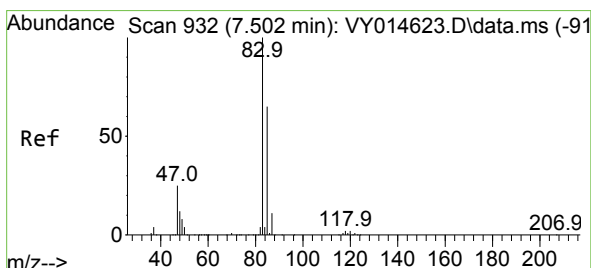
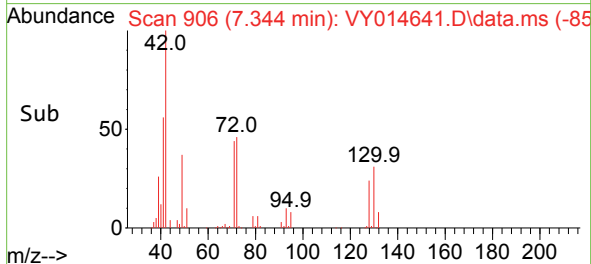
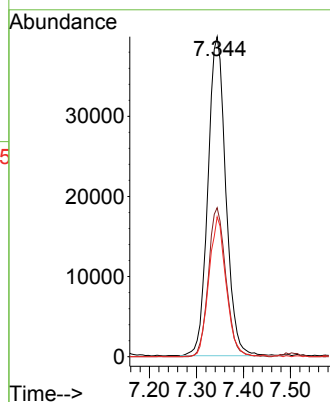
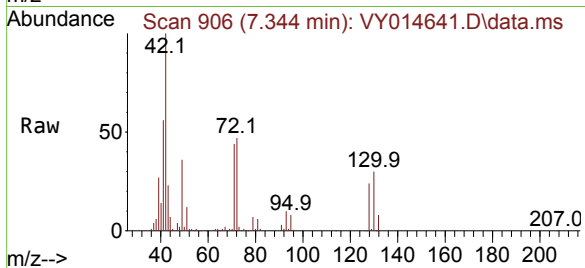
Tgt Ion: 42 Resp: 105182

Ion Ratio Lower Upper

42 100

72 45.9 32.8 49.2

71 42.2 31.0 46.4



#30

Chloroform

Concen: 20.075 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY014641.D

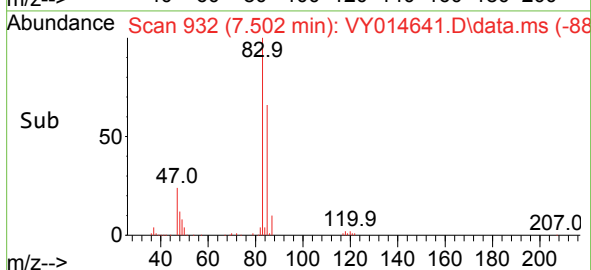
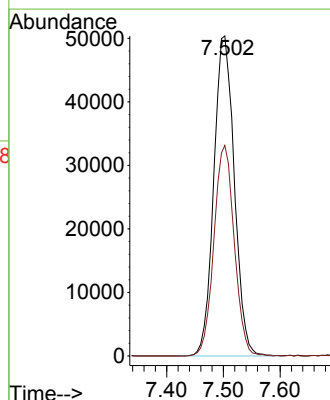
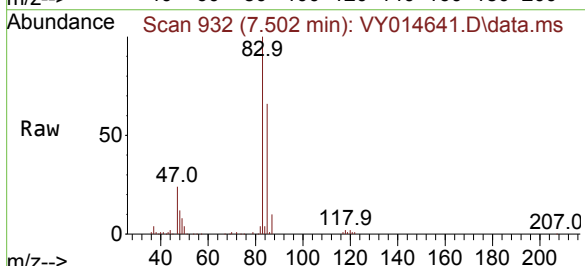
Acq: 14 Jul 2023 12:41

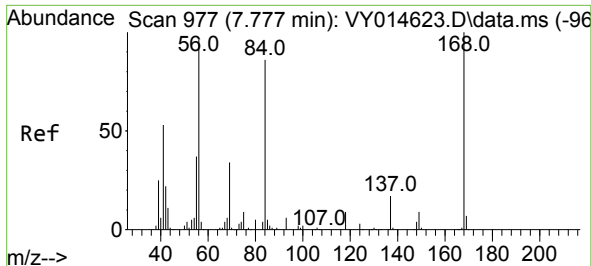
Tgt Ion: 83 Resp: 126719

Ion Ratio Lower Upper

83 100

85 65.8 49.7 74.5

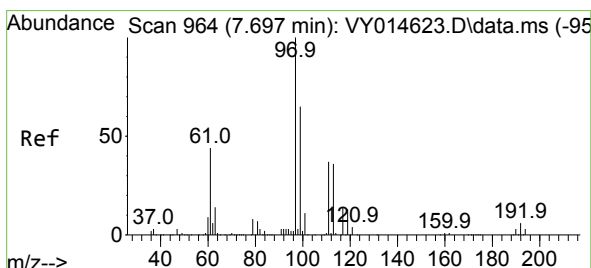
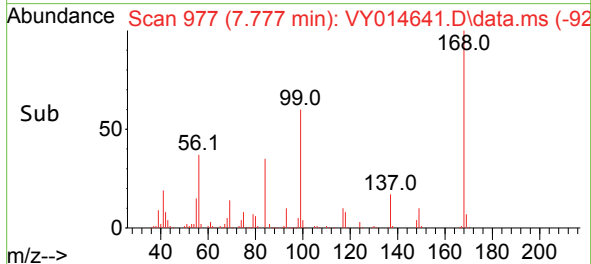
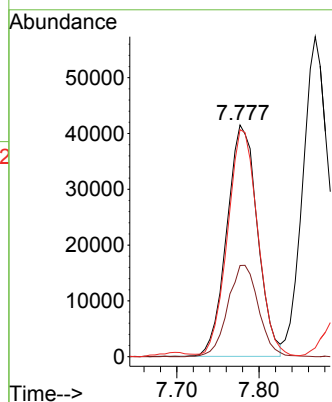
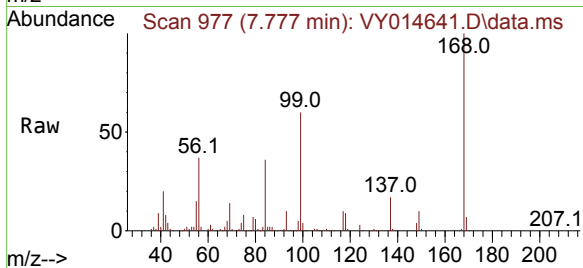




#31
Cyclohexane
Concen: 18.860 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

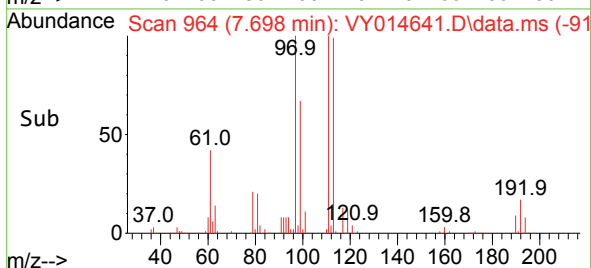
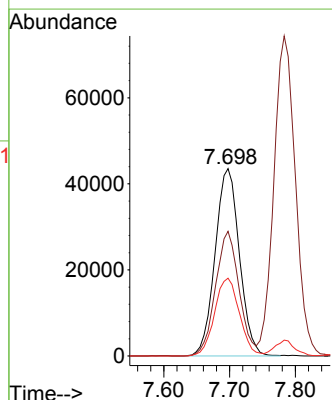
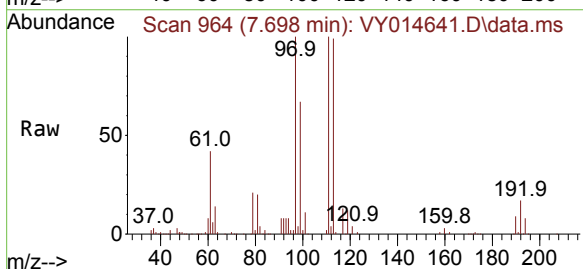
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

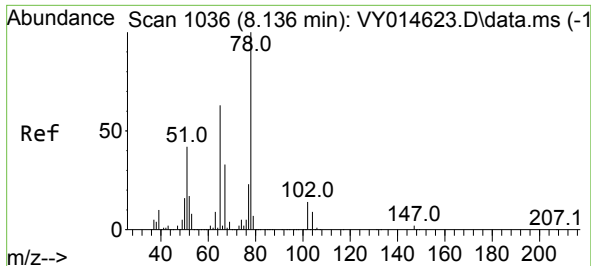
Tgt Ion: 56 Resp: 107364
Ion Ratio Lower Upper
56 100
69 39.4 27.8 41.6
84 96.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.720 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 97 Resp: 112031
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 42.5 35.1 52.7

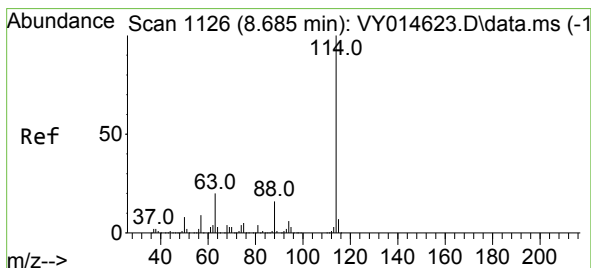
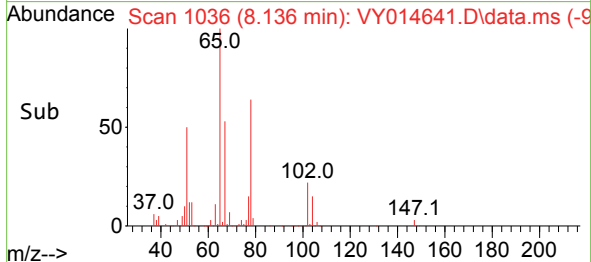
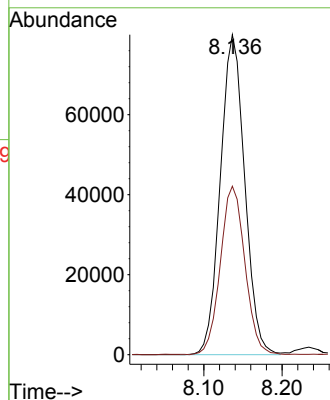
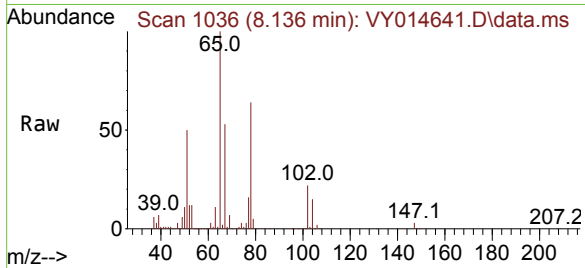




#33
 1,2-Dichloroethane-d4
 Concen: 50.449 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY014641.D
 Acq: 14 Jul 2023 12:41

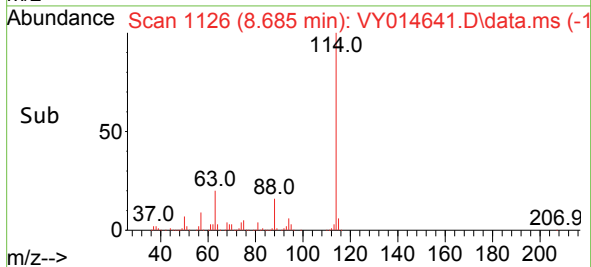
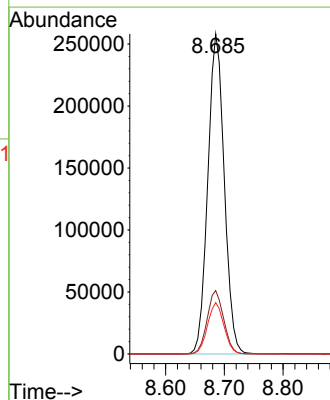
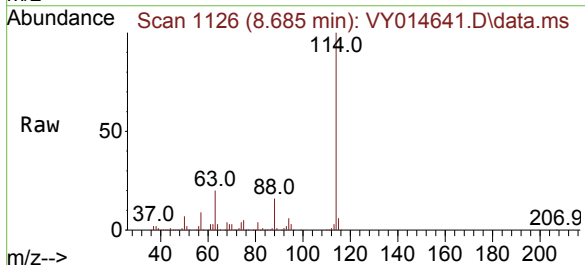
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBSD01

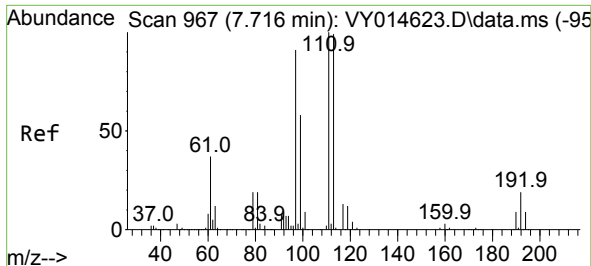
Tgt Ion: 65 Resp: 173006
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014641.D
 Acq: 14 Jul 2023 12:41

Tgt Ion: 114 Resp: 502206
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.4
 88 16.1 0.0 30.6

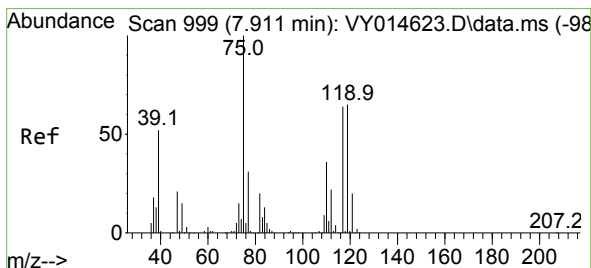
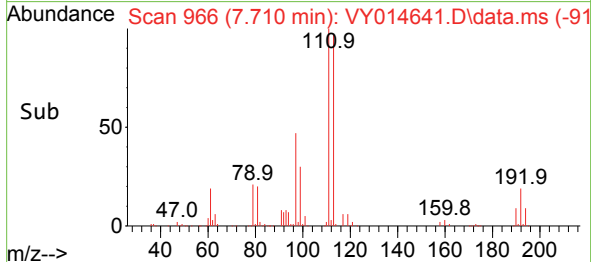
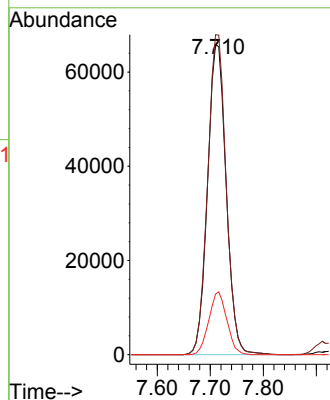
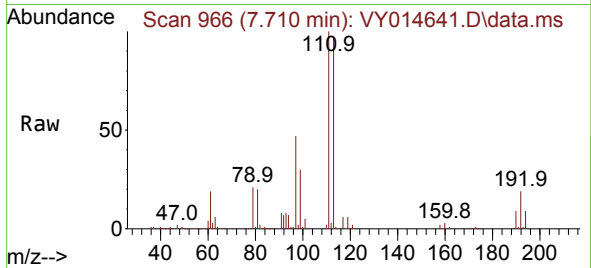




#35
Dibromofluoromethane
Concen: 50.299 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

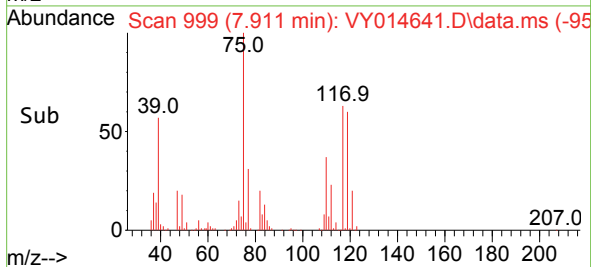
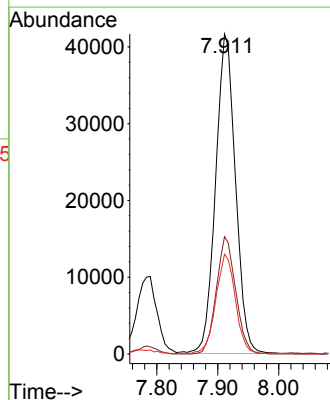
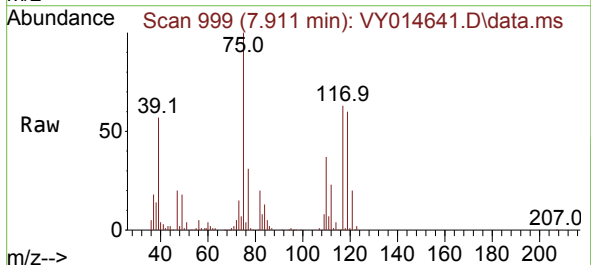
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

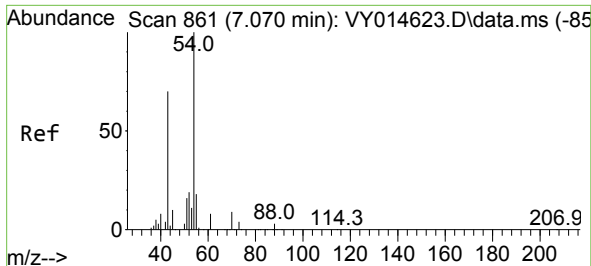
Tgt Ion:113 Resp: 160801
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.771 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 75 Resp: 94525
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 30.2 24.4 36.6





#37

Ethyl Acetate

Concen: 20.801 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBSD01

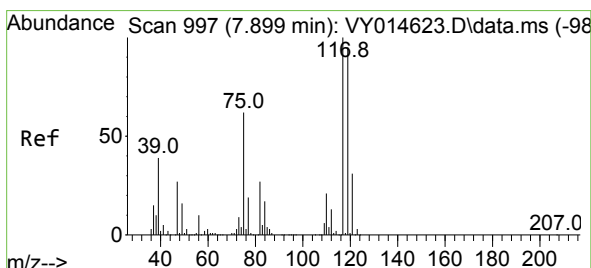
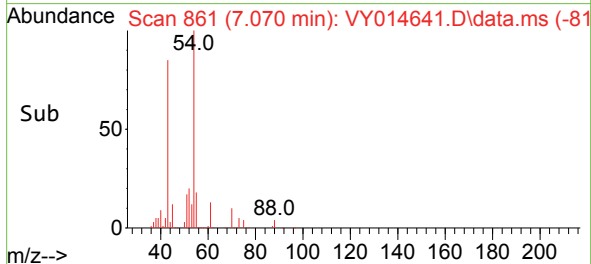
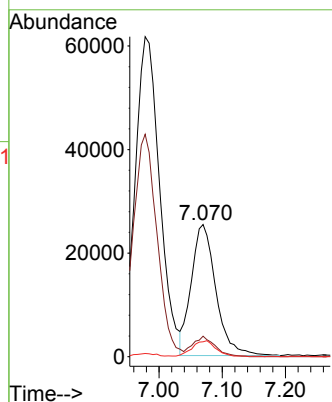
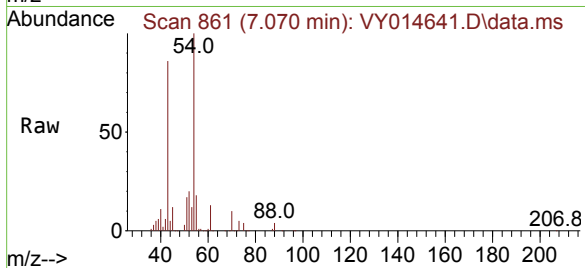
Tgt Ion: 43 Resp: 68469

Ion Ratio Lower Upper

43 100

61 14.1 10.1 15.1

70 11.4 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 19.848 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

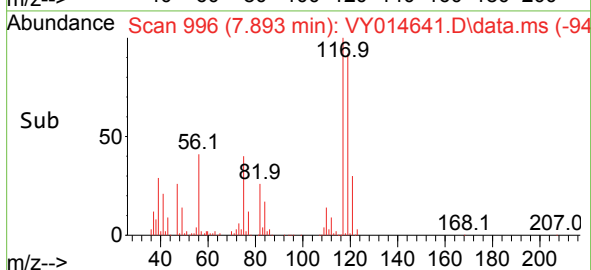
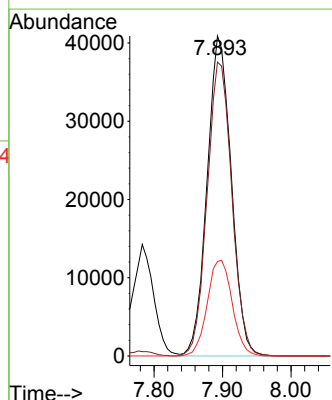
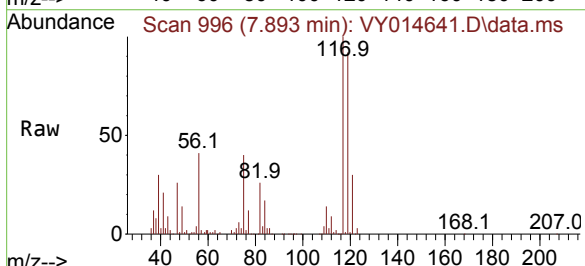
Tgt Ion: 117 Resp: 100310

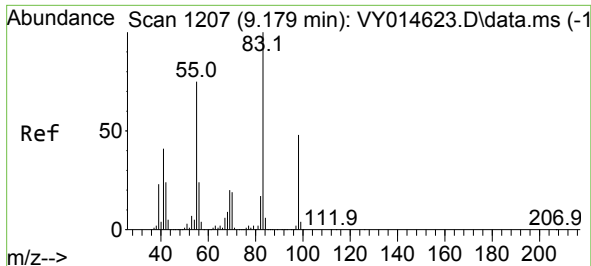
Ion Ratio Lower Upper

117 100

119 91.8 76.4 114.6

121 29.5 25.8 38.6





#39

Methylcyclohexane

Concen: 19.216 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

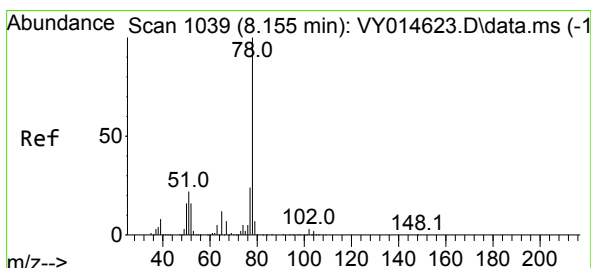
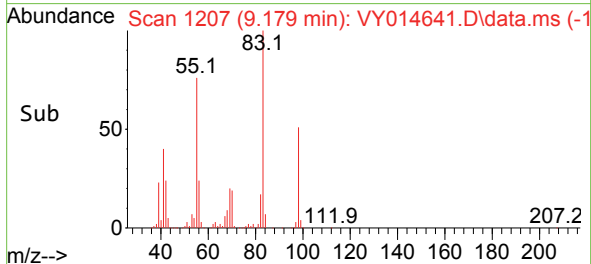
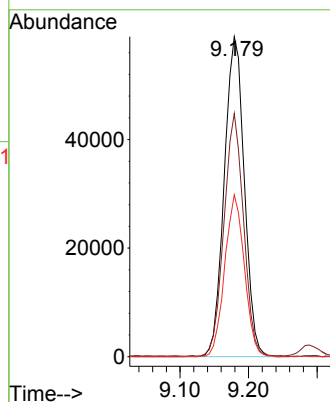
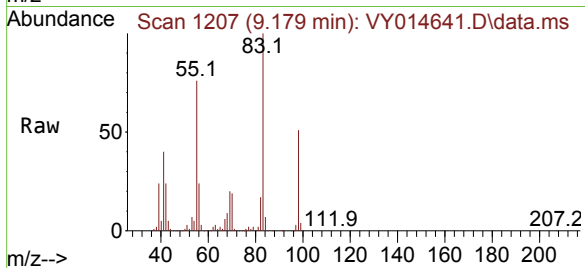
Tgt Ion: 83 Resp: 119687

Ion Ratio Lower Upper

83 100

55 75.8 63.0 94.4

98 50.6 37.4 56.2



#40

Benzene

Concen: 20.091 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014641.D

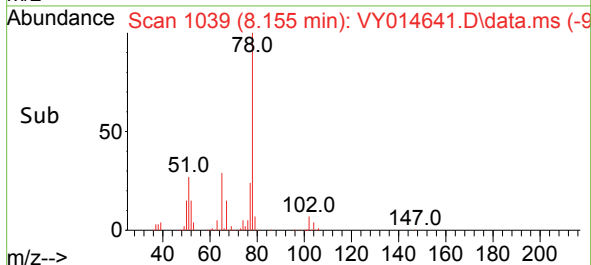
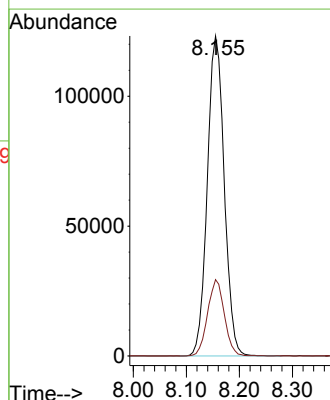
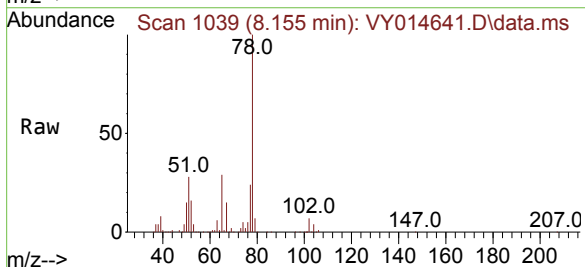
Acq: 14 Jul 2023 12:41

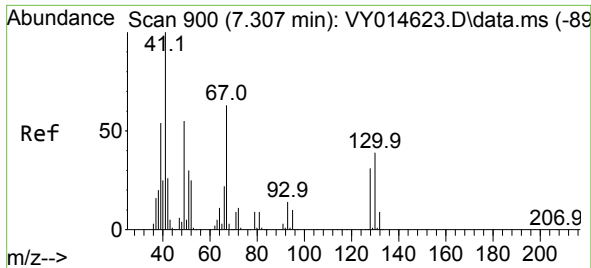
Tgt Ion: 78 Resp: 273184

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

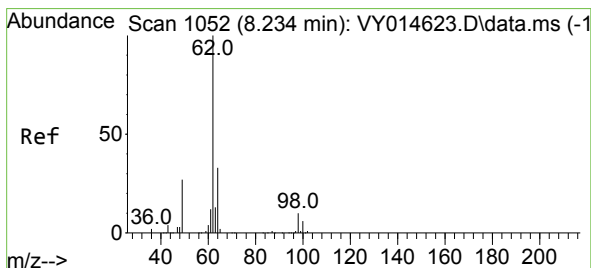
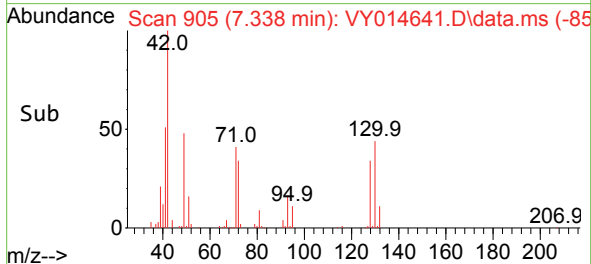
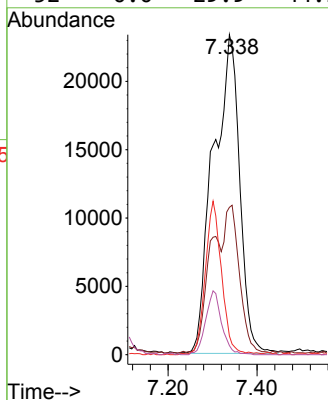
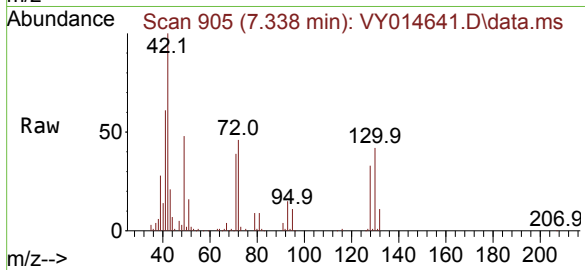




#41
Methacrylonitrile
Concen: 56.553 ug/l
RT: 7.338 min Scan# 900
Delta R.T. 0.031 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

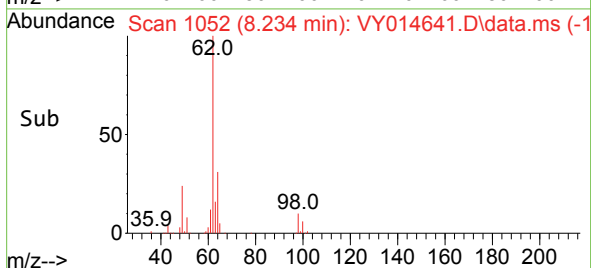
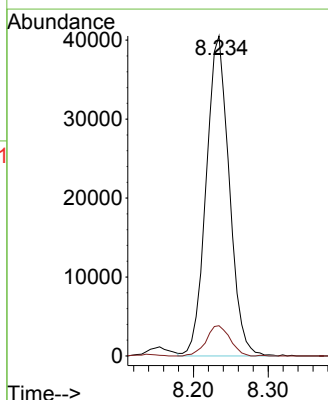
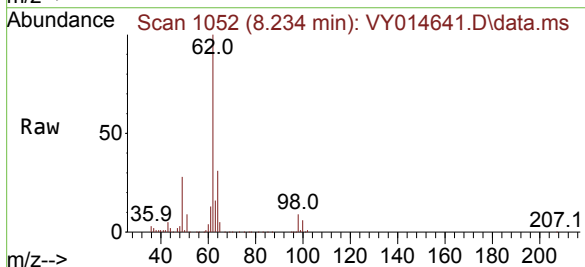
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

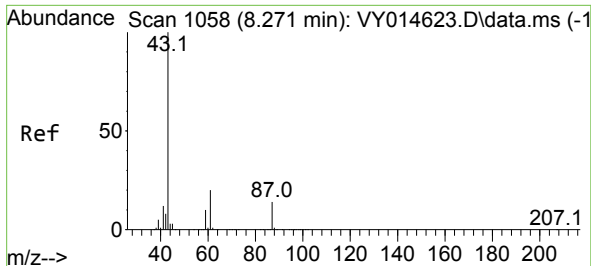
Tgt Ion: 41 Resp: 95749
Ion Ratio Lower Upper
41 100
39 26.8 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.165 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 62 Resp: 86827
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8

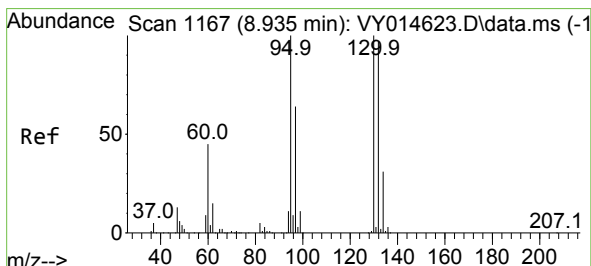
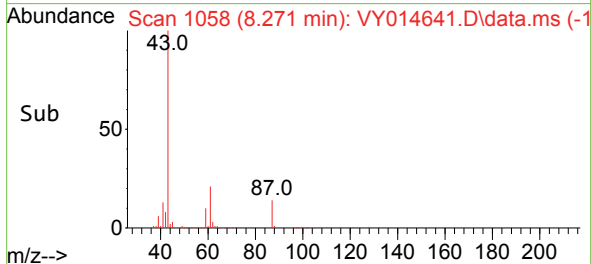
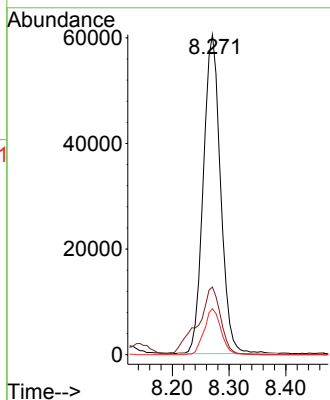
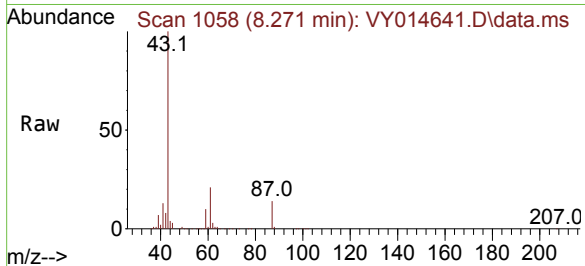




#43
Isopropyl Acetate
Concen: 20.286 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

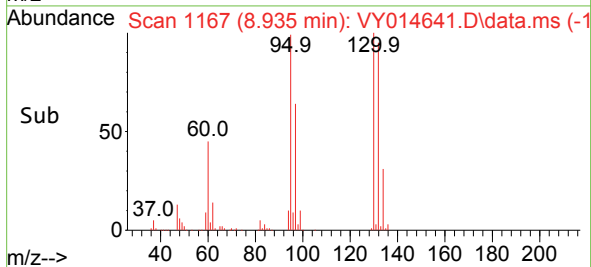
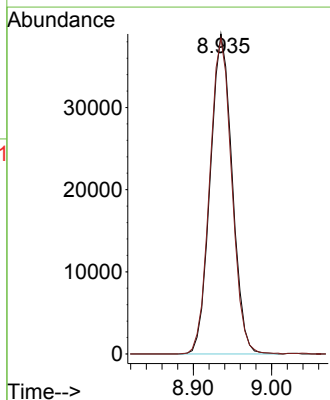
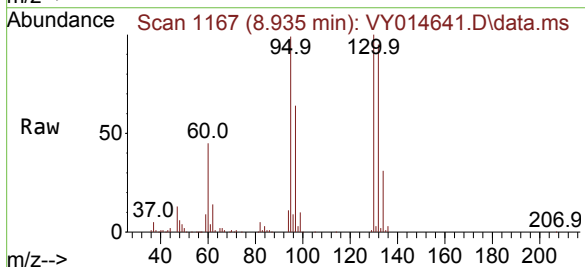
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

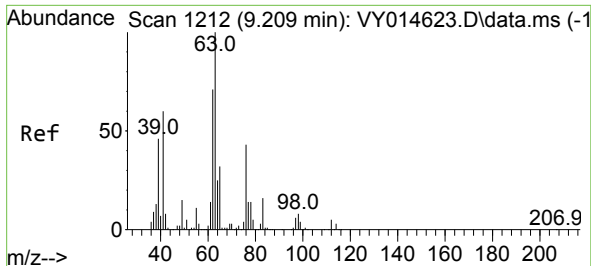
Tgt Ion: 43 Resp: 127198
Ion Ratio Lower Upper
43 100
61 28.4 21.1 31.7
87 14.2 9.8 14.8



#44
Trichloroethene
Concen: 19.917 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion:130 Resp: 75773
Ion Ratio Lower Upper
130 100
95 98.6 0.0 196.0

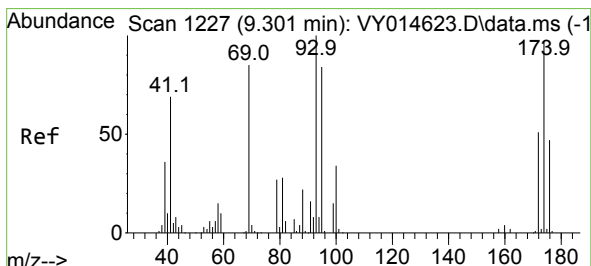
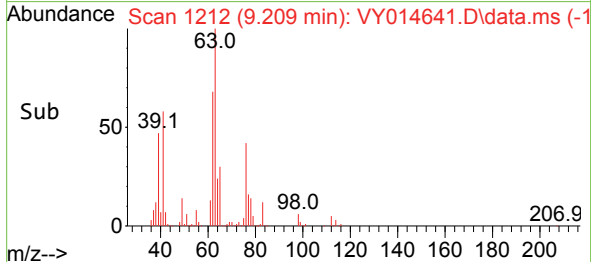
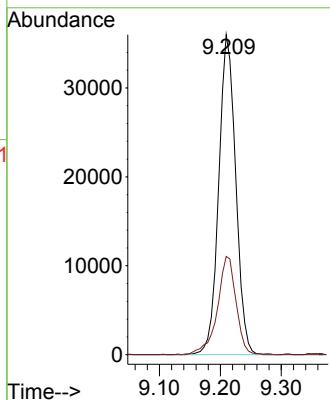
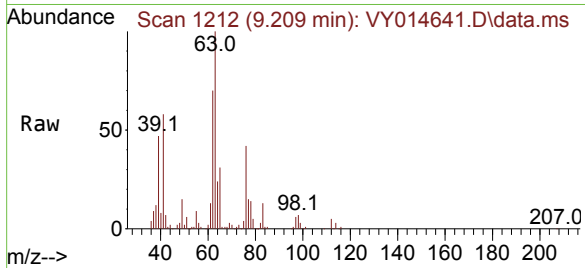




#45
1,2-Dichloropropane
Concen: 19.642 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

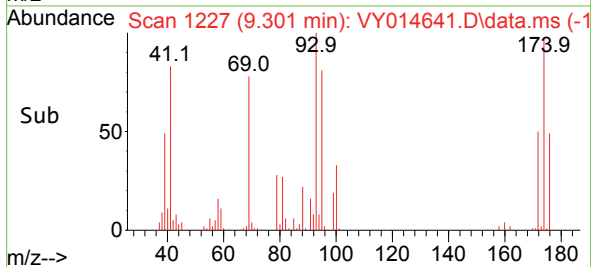
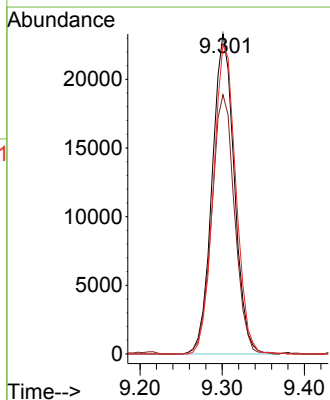
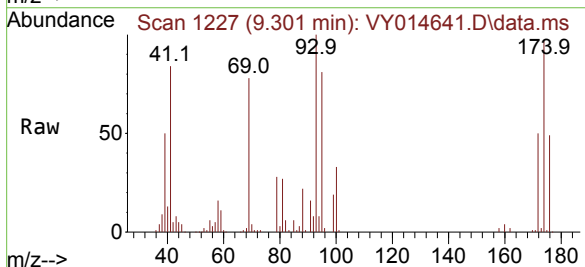
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

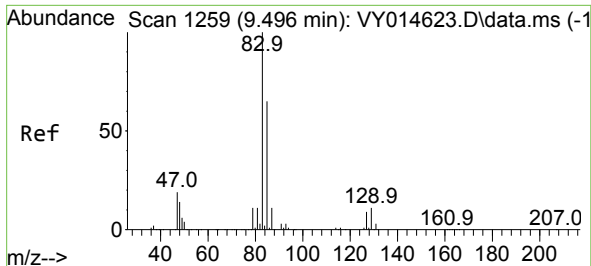
Tgt Ion: 63 Resp: 69740
Ion Ratio Lower Upper
63 100
65 30.7 23.8 35.6



#46
Dibromomethane
Concen: 20.226 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 93 Resp: 43565
Ion Ratio Lower Upper
93 100
95 83.5 66.6 100.0
174 98.3 84.8 127.2

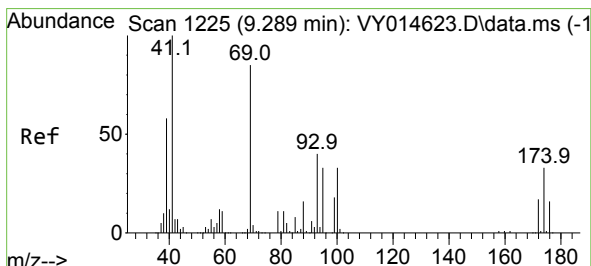
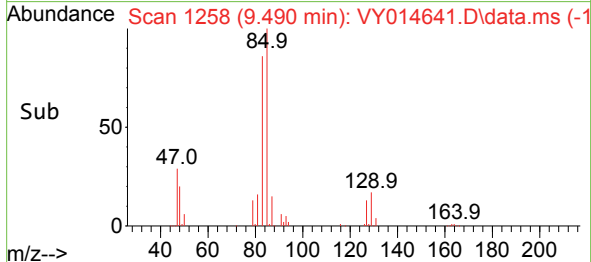
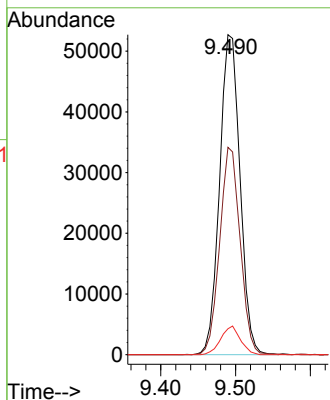
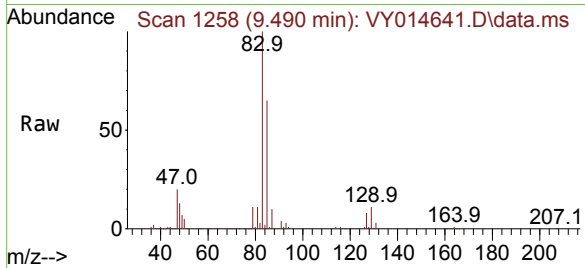




#47
Bromodichloromethane
Concen: 19.738 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

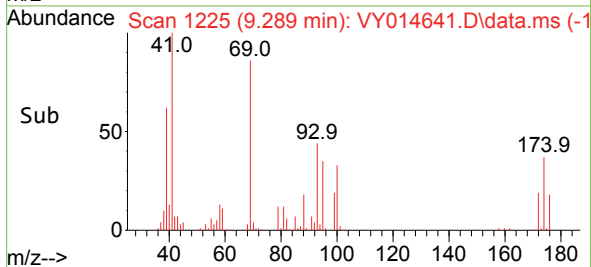
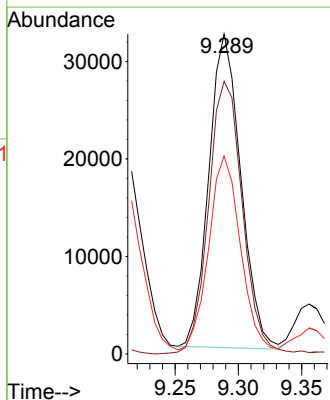
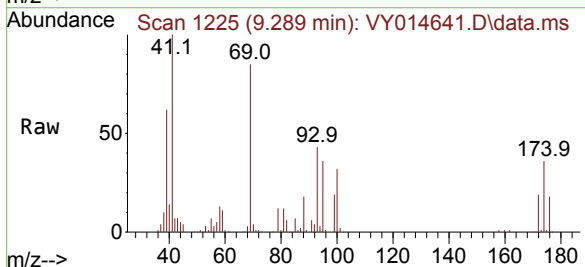
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

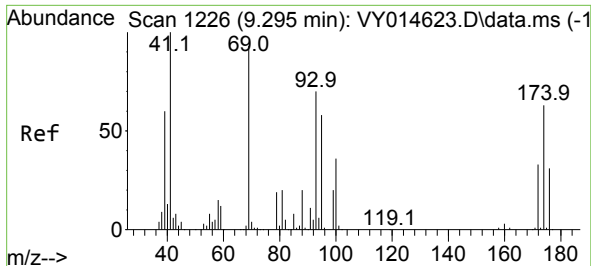
Tgt Ion: 83 Resp: 100199
Ion Ratio Lower Upper
83 100
85 64.8 50.1 75.1
127 8.1 7.1 10.7



#48
Methyl methacrylate
Concen: 20.017 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 41 Resp: 56477
Ion Ratio Lower Upper
41 100
69 92.9 64.5 96.7
39 63.0 50.8 76.2





#49

1,4-Dioxane

Concen: 424.496 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

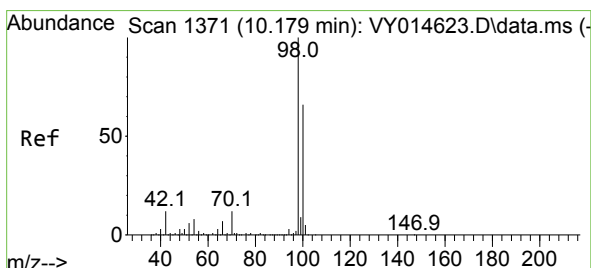
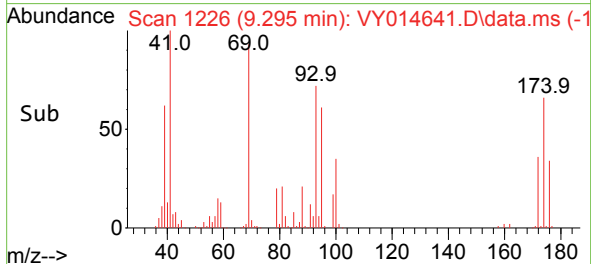
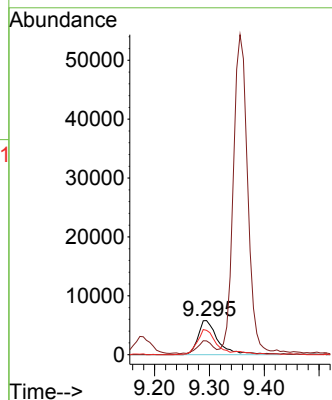
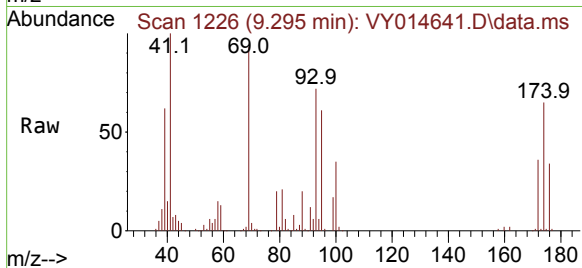
Tgt Ion: 88 Resp: 14909

Ion Ratio Lower Upper

88 100

43 28.5 0.0 0.0#

58 67.1 30.9 46.3#



#50

Toluene-d8

Concen: 49.241 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY014641.D

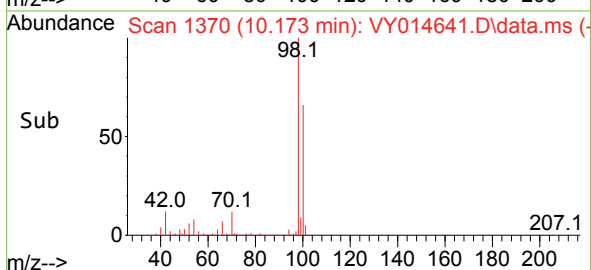
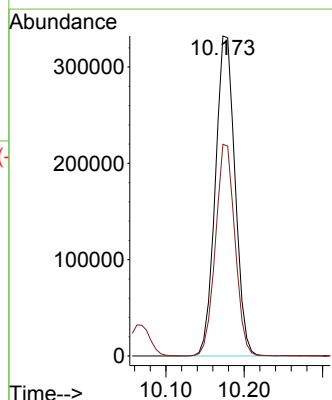
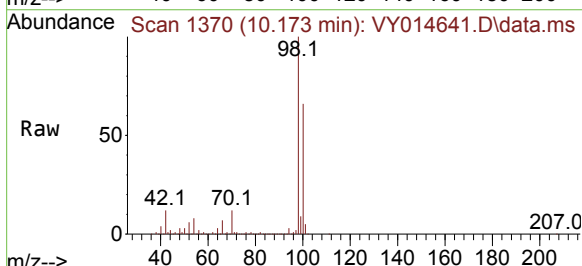
Acq: 14 Jul 2023 12:41

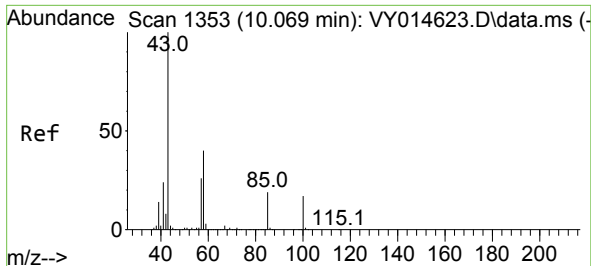
Tgt Ion: 98 Resp: 580377

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

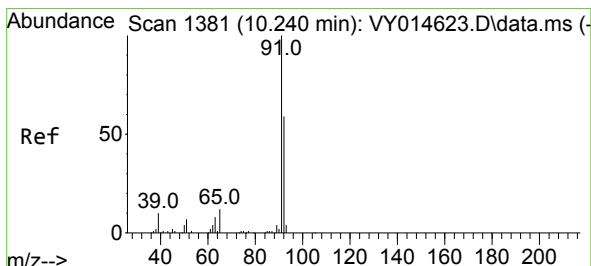
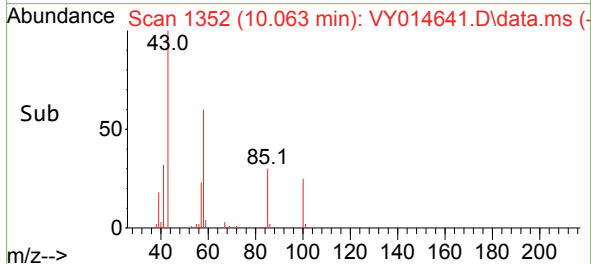
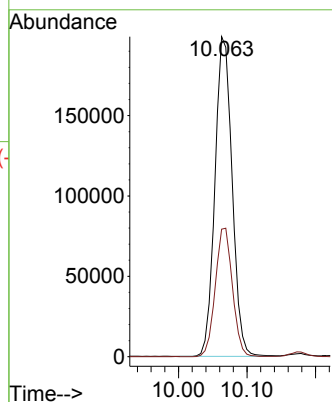
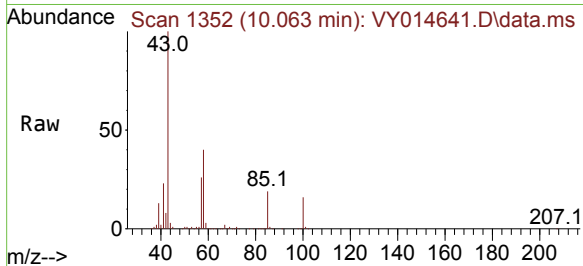




#51
4-Methyl-2-Pentanone
Concen: 105.080 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

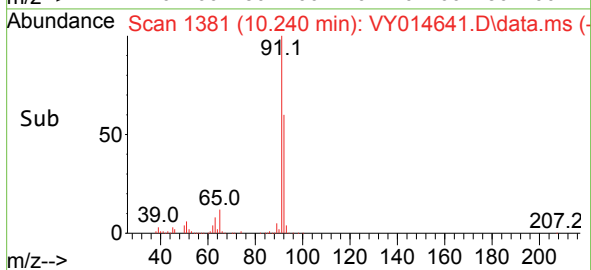
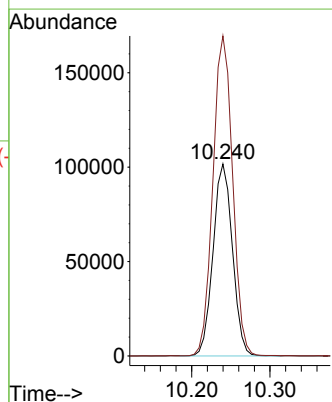
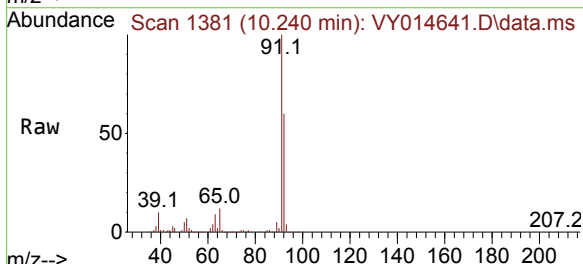
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

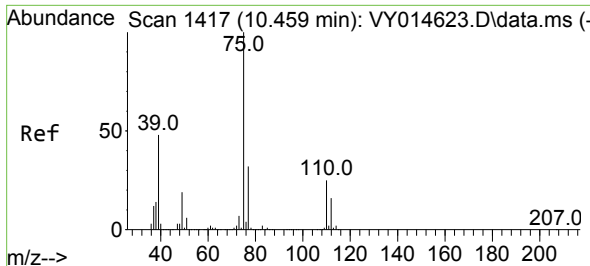
Tgt Ion: 43 Resp: 345940
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6



#52
Toluene
Concen: 20.096 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 92 Resp: 174855
Ion Ratio Lower Upper
92 100
91 169.3 143.8 215.6

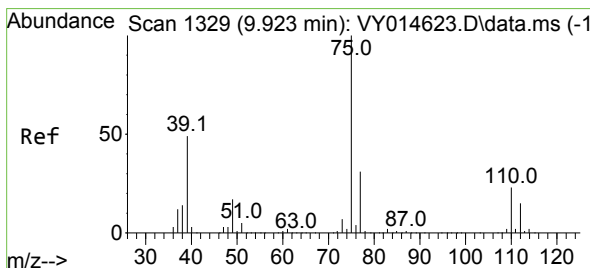
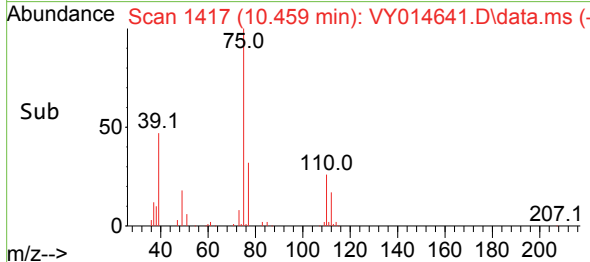
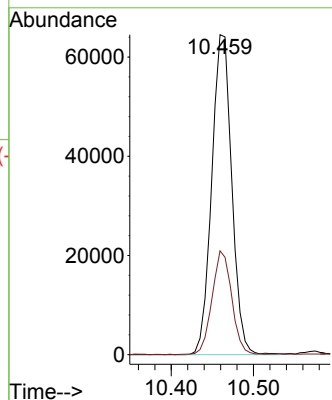
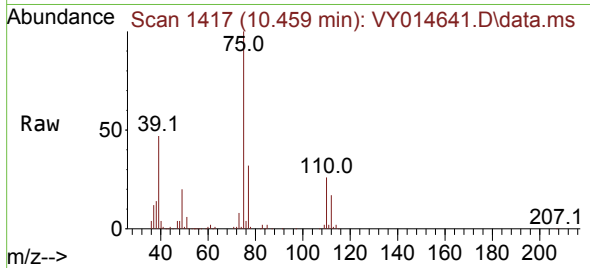




#53
 t-1,3-Dichloropropene
 Concen: 19.686 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY014641.D
 Acq: 14 Jul 2023 12:41

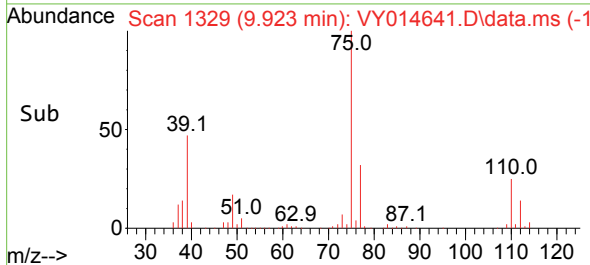
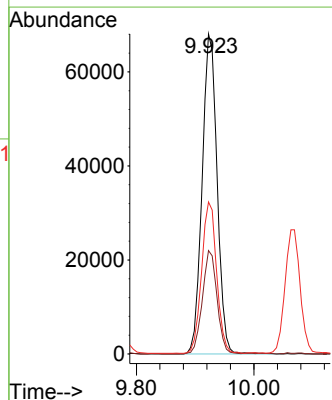
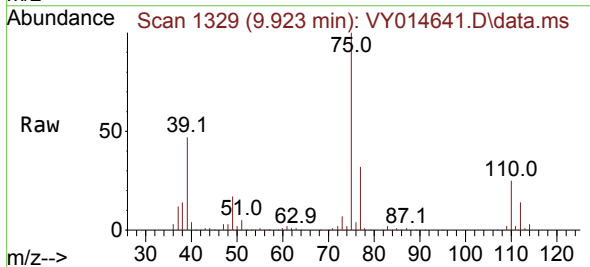
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBSD01

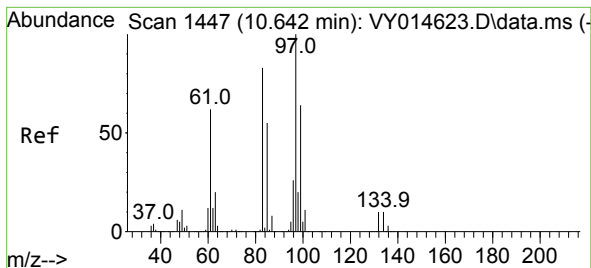
Tgt Ion: 75 Resp: 109318
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.001 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY014641.D
 Acq: 14 Jul 2023 12:41

Tgt Ion: 75 Resp: 120779
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.2 36.4
 39 47.3 42.2 63.4

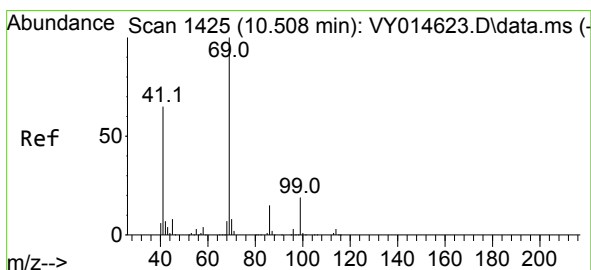
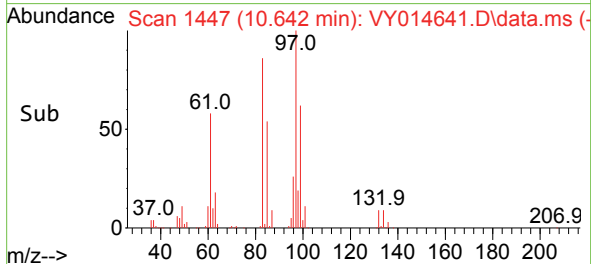
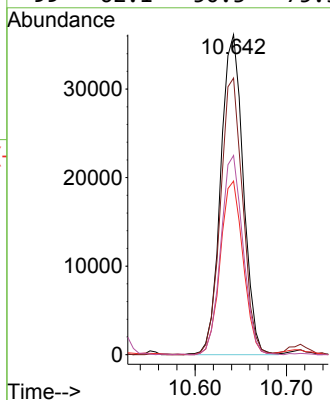
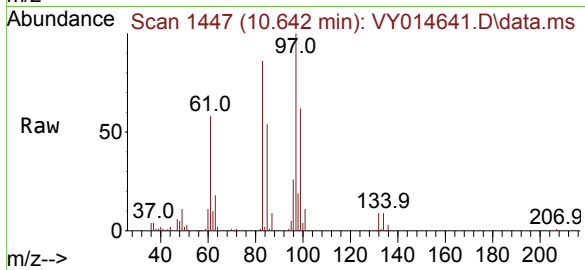




#55
1,1,2-Trichloroethane
Concen: 20.659 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

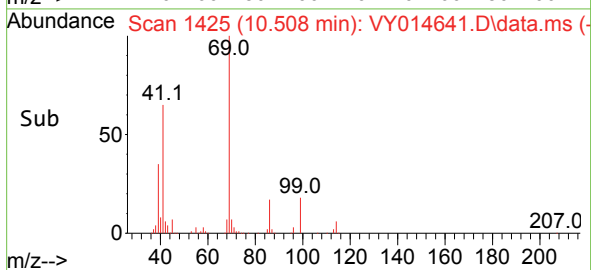
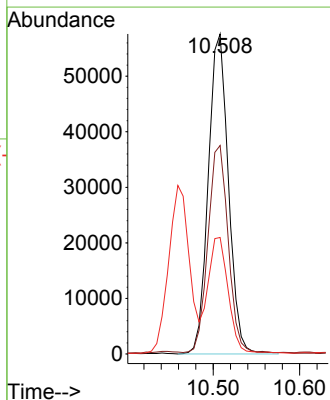
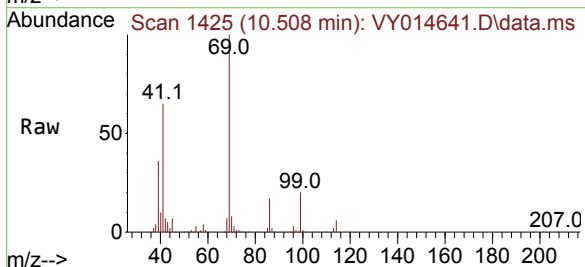
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

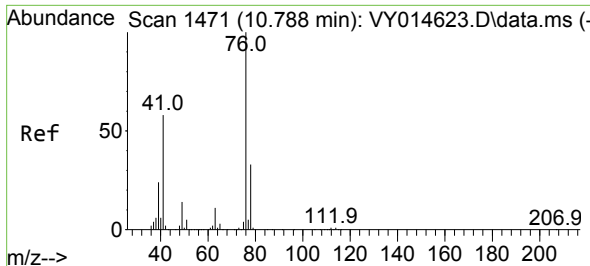
Tgt Ion:	97	Resp:	61985
Ion	Ratio	Lower	Upper
97	100		
83	86.3	72.0	108.0
85	54.2	45.4	68.0
99	62.1	50.3	75.5



#56
Ethyl methacrylate
Concen: 20.313 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion:	69	Resp:	93056
Ion	Ratio	Lower	Upper
69	100		
41	65.2	57.6	86.4
39	36.5	34.1	51.1





#57

1,3-Dichloropropane

Concen: 20.146 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

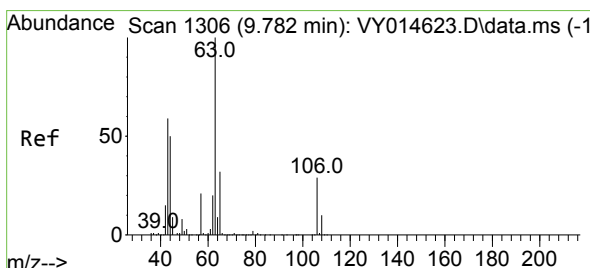
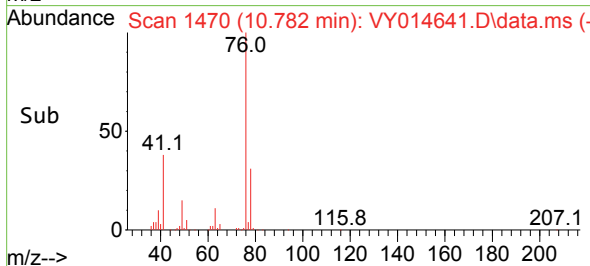
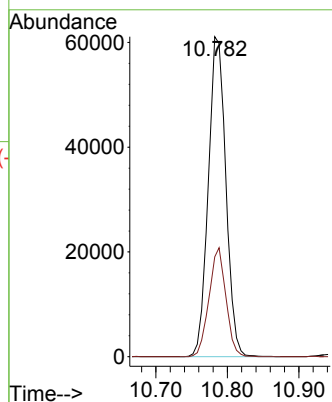
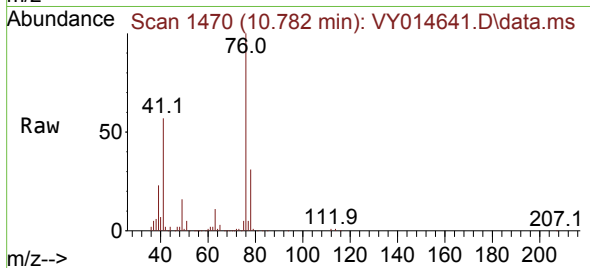
VY0714SBSD01

Tgt Ion: 76 Resp: 104257

Ion Ratio Lower Upper

76 100

78 32.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 108.614 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014641.D

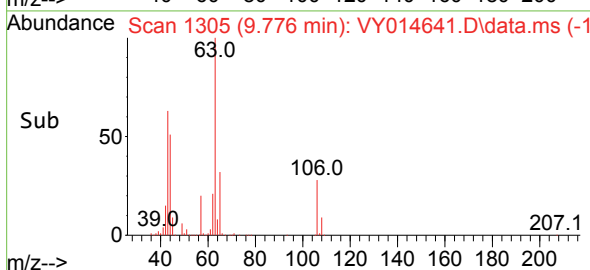
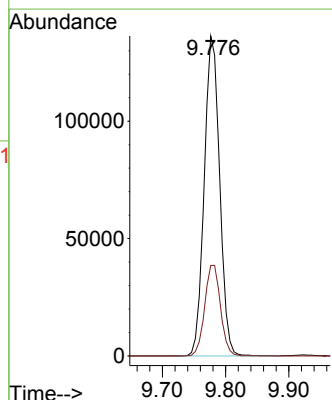
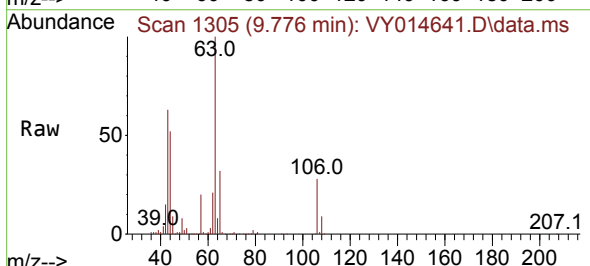
Acq: 14 Jul 2023 12:41

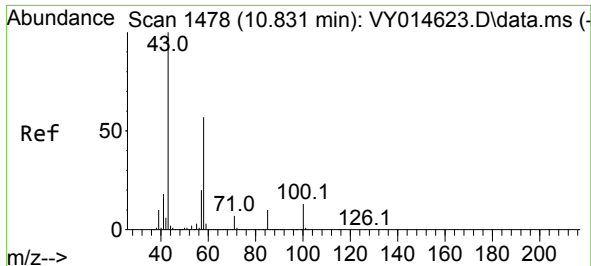
Tgt Ion: 63 Resp: 231836

Ion Ratio Lower Upper

63 100

106 29.1 21.2 31.8

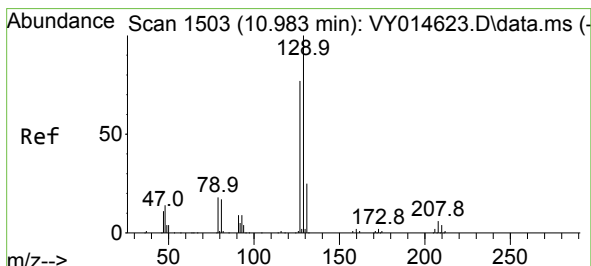
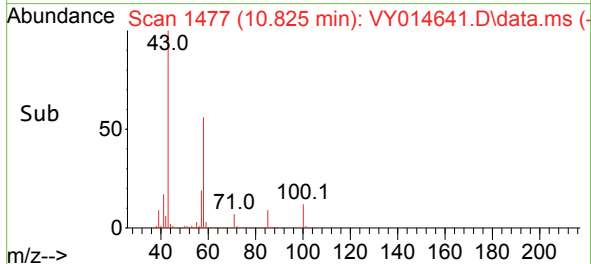
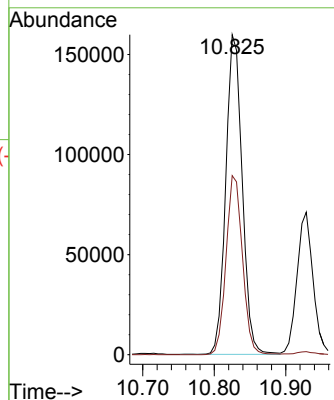
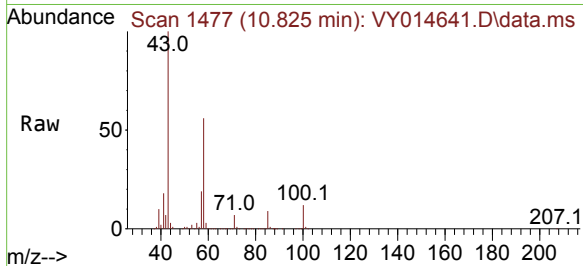




#59
2-Hexanone
Concen: 106.087 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

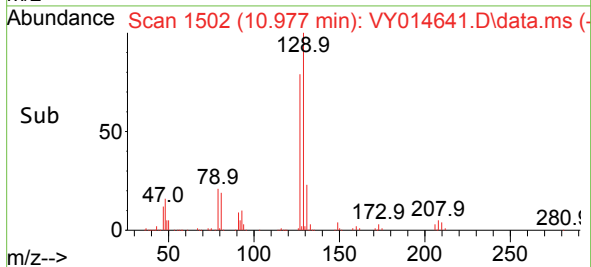
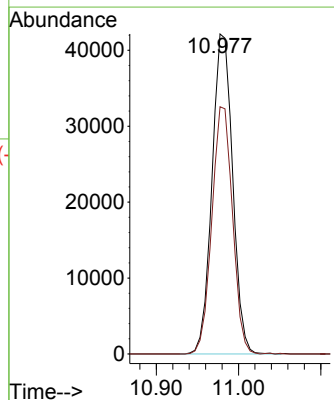
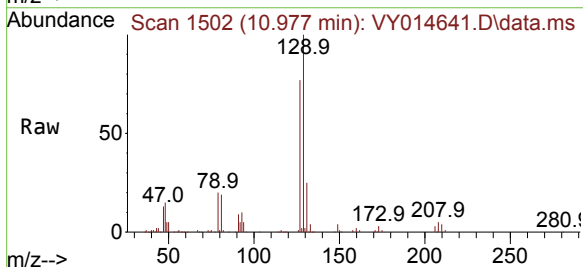
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

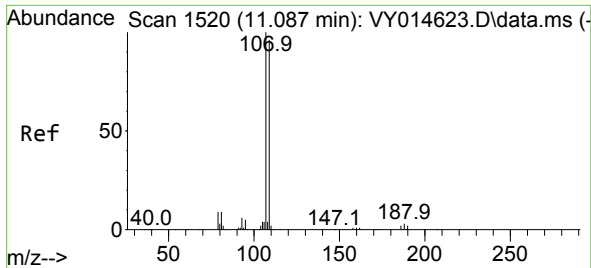
Tgt Ion: 43 Resp: 254697
Ion Ratio Lower Upper
43 100
58 56.1 25.1 75.3



#60
Dibromochloromethane
Concen: 19.959 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 129 Resp: 73422
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

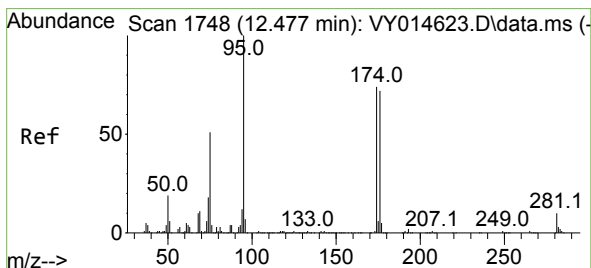
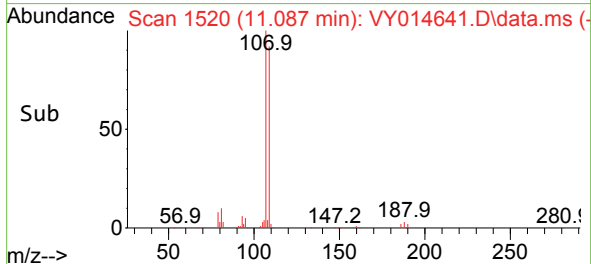
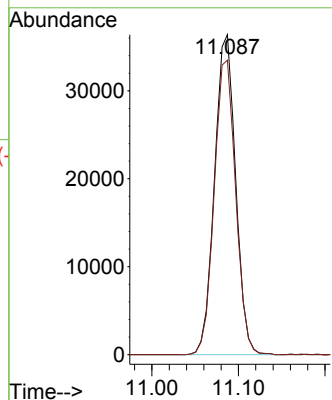
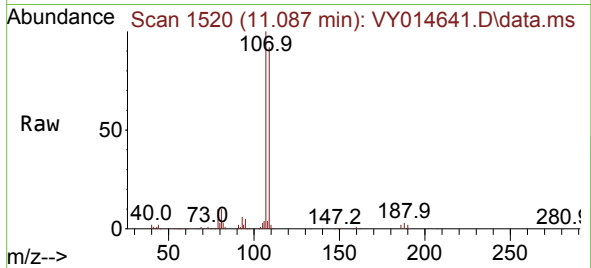




#61
1,2-Dibromoethane
Concen: 20.541 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

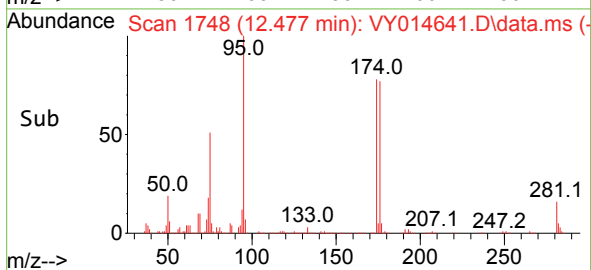
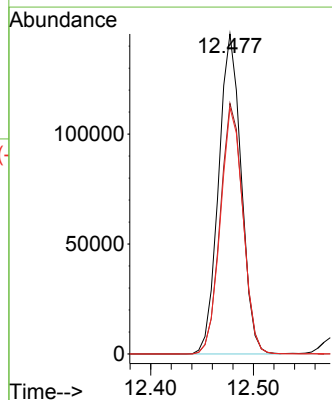
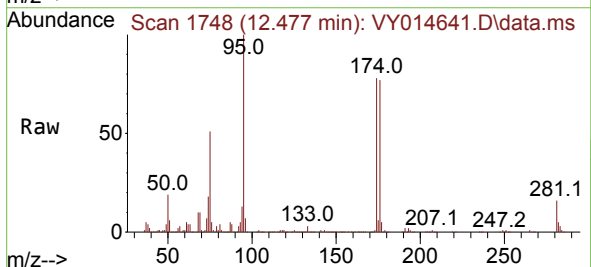
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

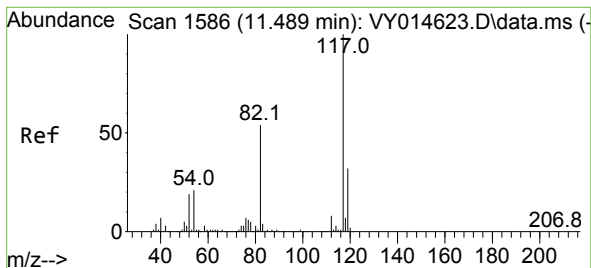
Tgt Ion:107 Resp: 61483
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.206 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 95 Resp: 222377
Ion Ratio Lower Upper
95 100
174 78.5 0.0 178.2
176 76.9 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: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBSD01

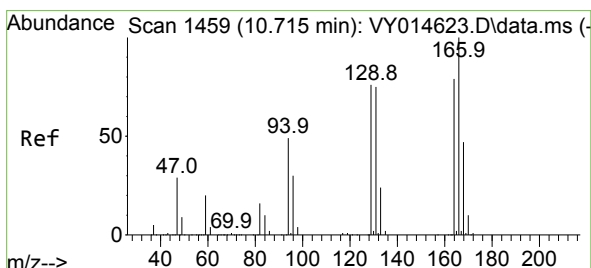
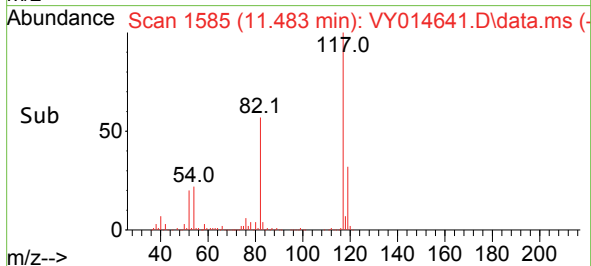
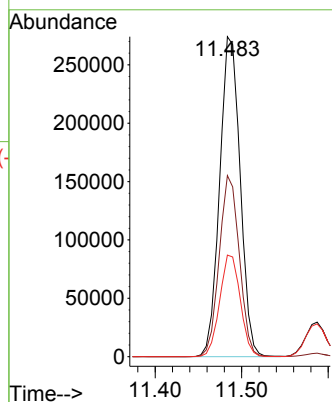
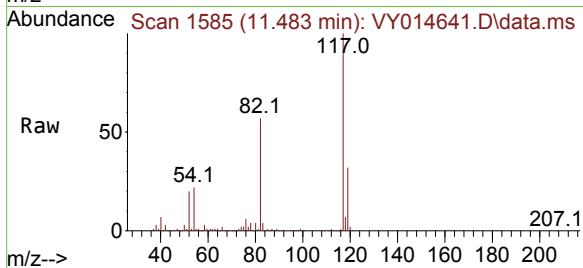
Tgt Ion:117 Resp: 450778

Ion Ratio Lower Upper

117 100

82 56.6 43.4 65.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 20.677 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Tgt Ion:164 Resp: 74963

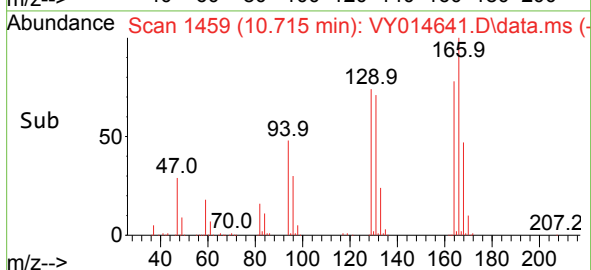
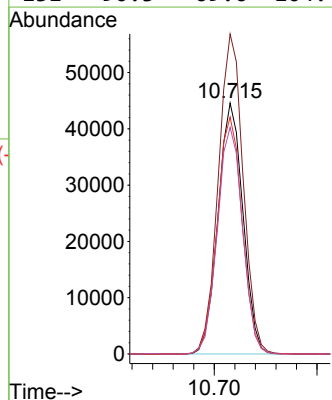
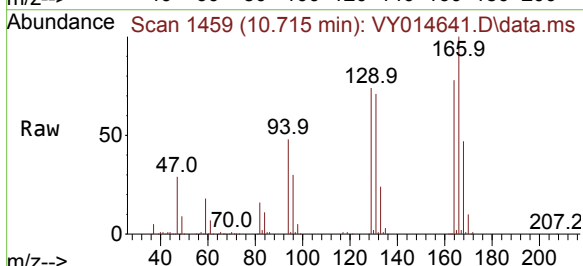
Ion Ratio Lower Upper

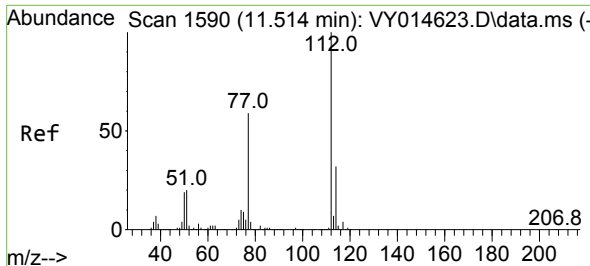
164 100

166 127.5 103.0 154.6

129 94.3 77.2 115.8

131 90.3 69.6 104.4

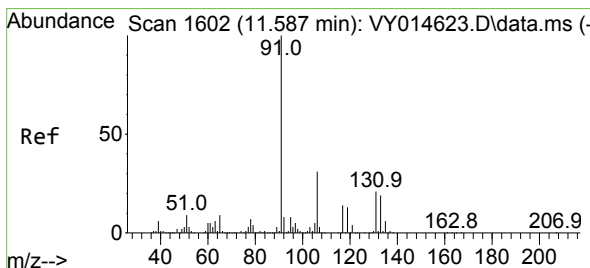
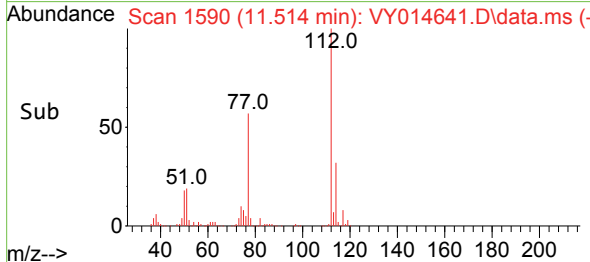
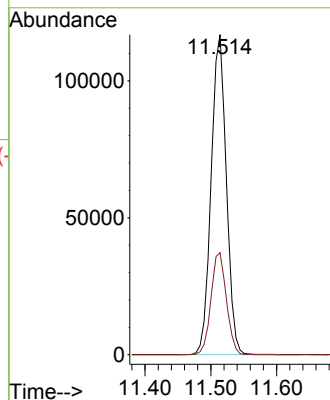
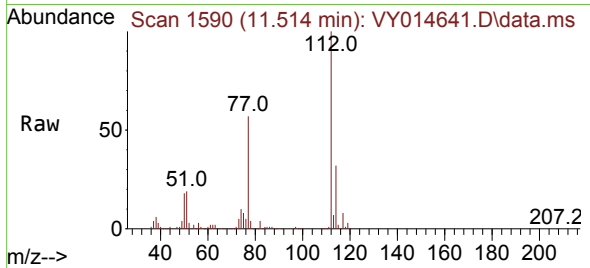




#65
Chlorobenzene
Concen: 19.557 ug/l
RT: 11.514 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

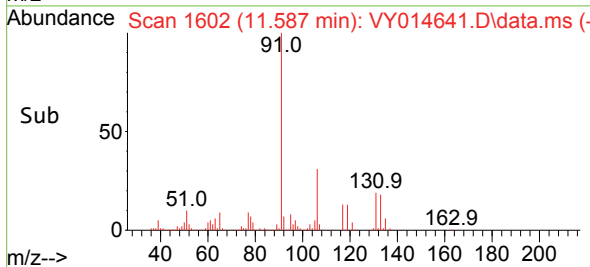
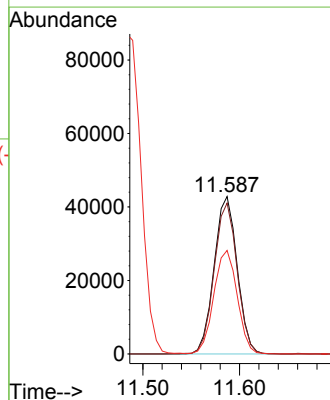
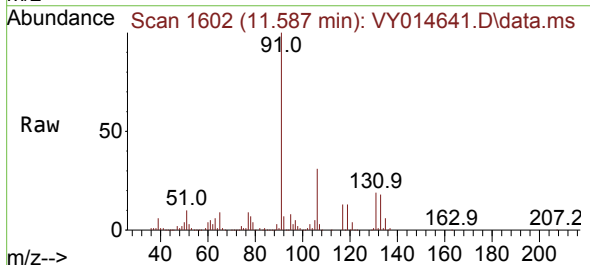
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

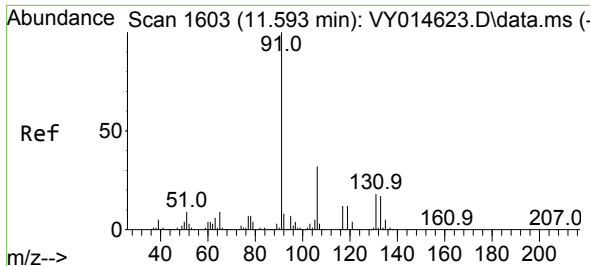
Tgt Ion:112 Resp: 187861
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.605 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion:131 Resp: 71008
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 66.7 31.6 94.7

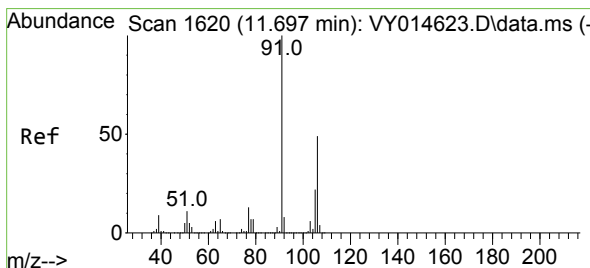
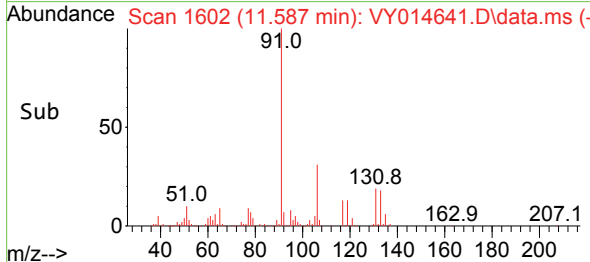
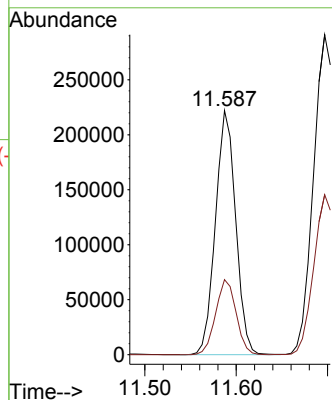
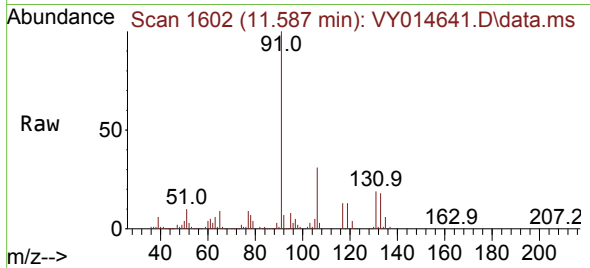




#67
Ethyl Benzene
Concen: 19.708 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

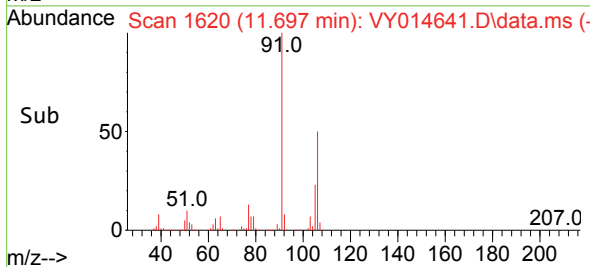
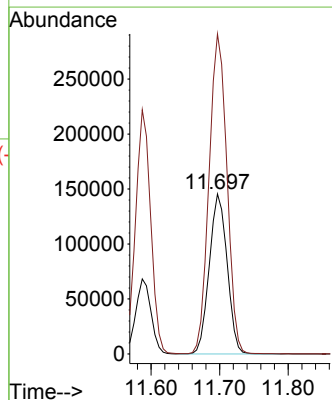
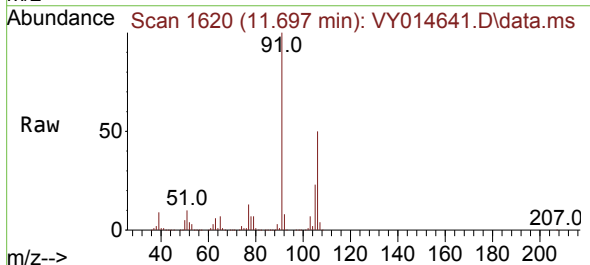
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

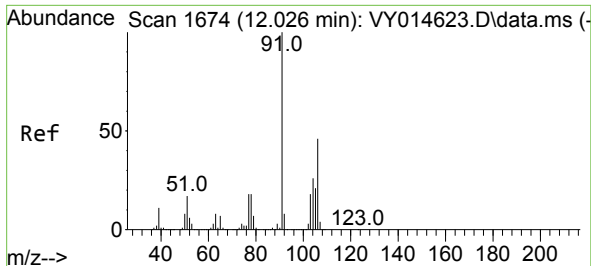
Tgt Ion: 91 Resp: 341813
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8



#68
m/p-Xylenes
Concen: 39.723 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion:106 Resp: 262984
Ion Ratio Lower Upper
106 100
91 200.7 166.1 249.1

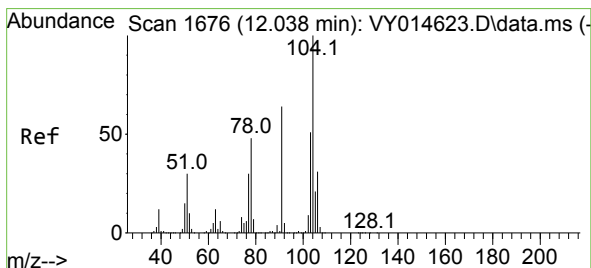
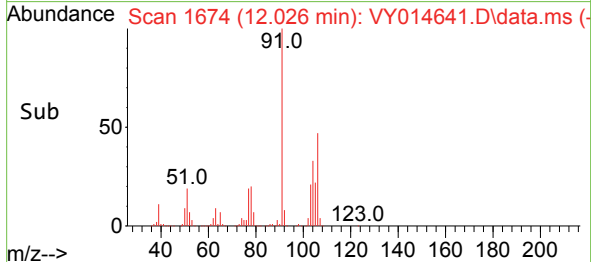
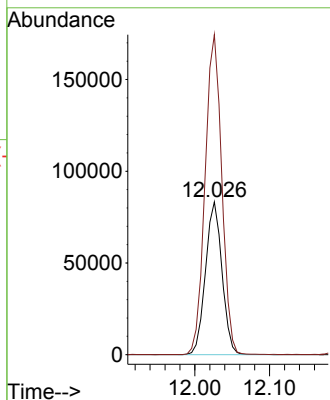
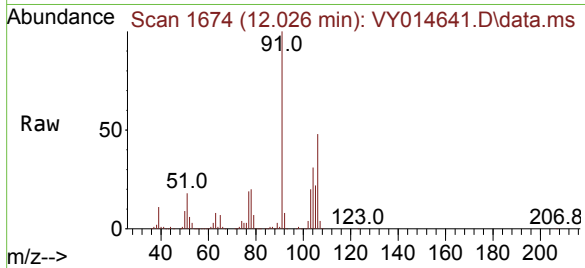




#69
o-Xylene
Concen: 19.777 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

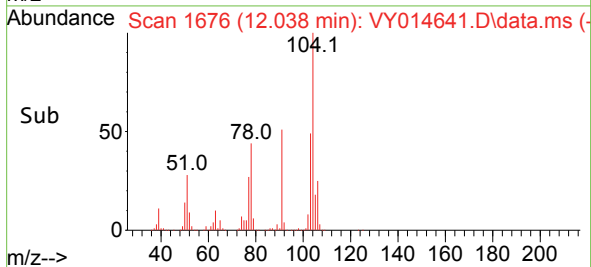
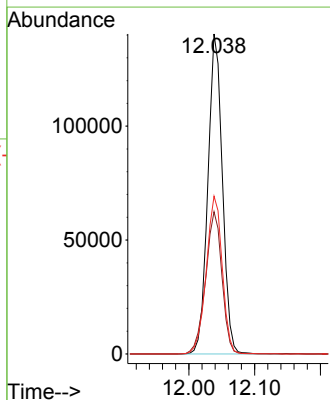
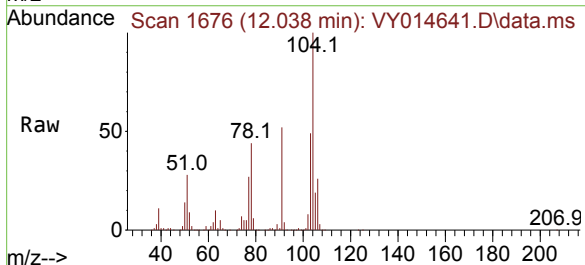
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

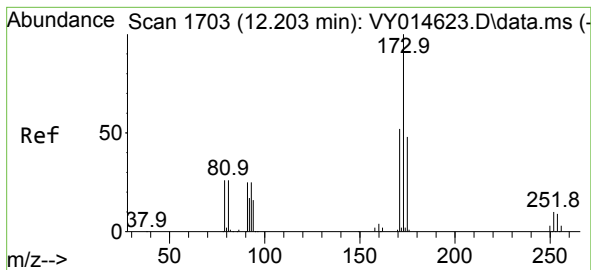
Tgt Ion:106 Resp: 127531
Ion Ratio Lower Upper
106 100
91 212.0 108.1 324.3



#70
Styrene
Concen: 19.872 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion:104 Resp: 215972
Ion Ratio Lower Upper
104 100
78 50.0 41.5 62.3
103 54.3 44.6 67.0





#71

Bromoform

Concen: 20.324 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBSD01

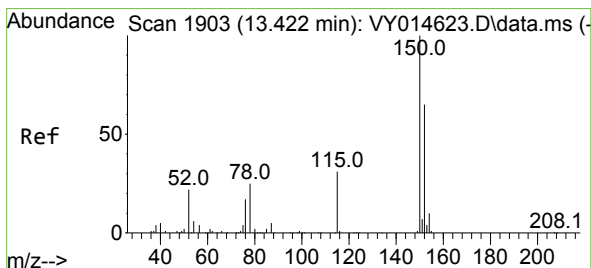
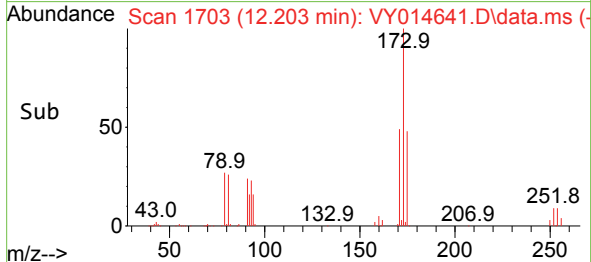
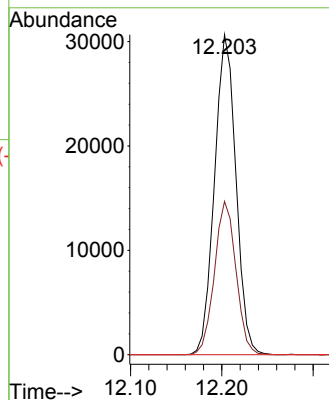
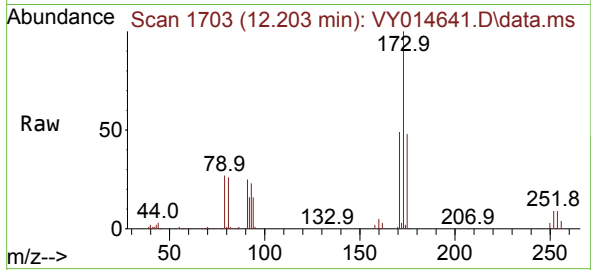
Tgt Ion:173 Resp: 49896

Ion Ratio Lower Upper

173 100

175 48.1 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: VY014641.D

Acq: 14 Jul 2023 12:41

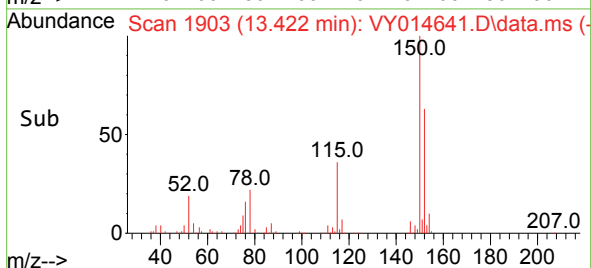
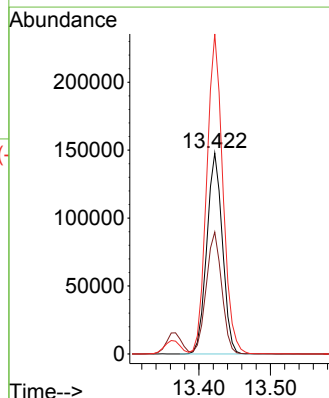
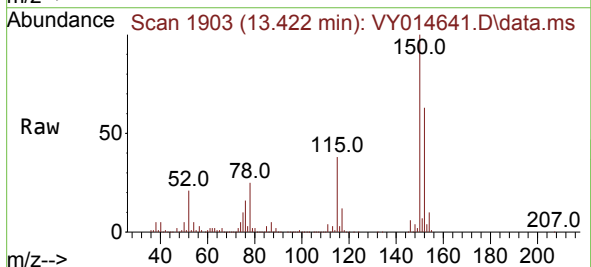
Tgt Ion:152 Resp: 224407

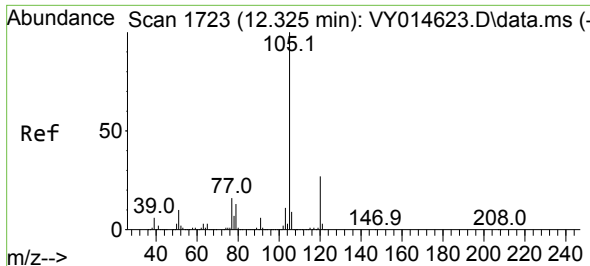
Ion Ratio Lower Upper

152 100

115 60.3 28.8 86.5

150 164.2 0.0 348.8

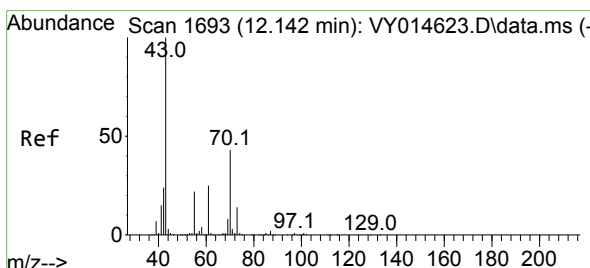
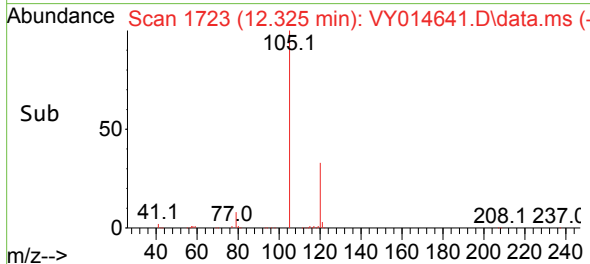
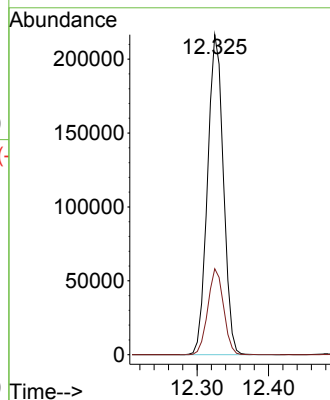
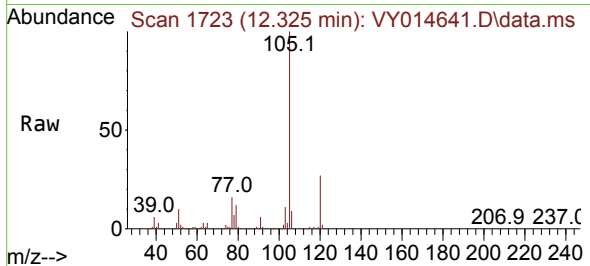




#73
Isopropylbenzene
Concen: 18.959 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

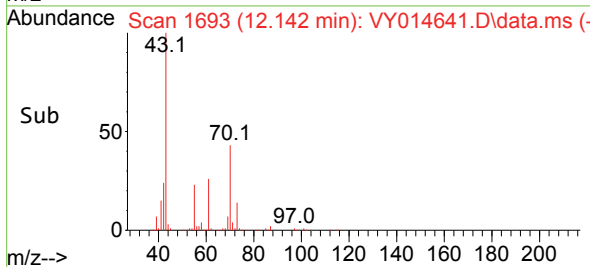
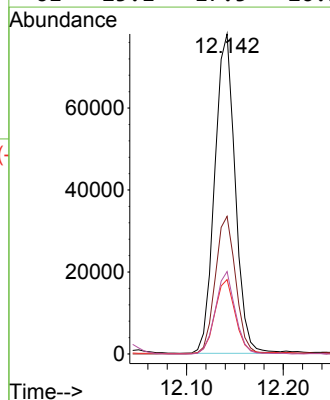
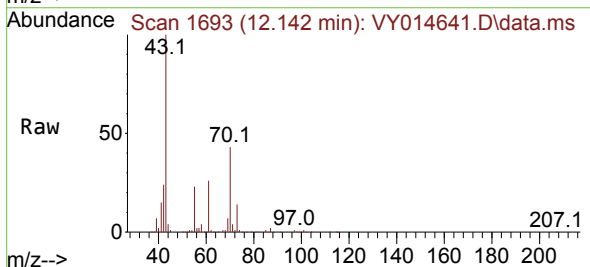
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

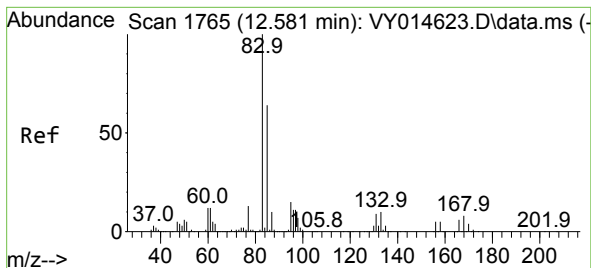
Tgt Ion:105 Resp: 333139
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 19.456 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 43 Resp: 114498
Ion Ratio Lower Upper
43 100
70 43.3 29.7 44.5
55 23.0 18.3 27.5
61 25.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.525 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBSD01

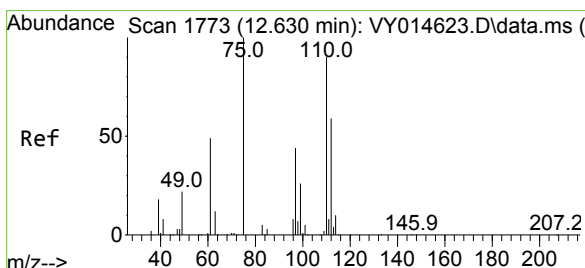
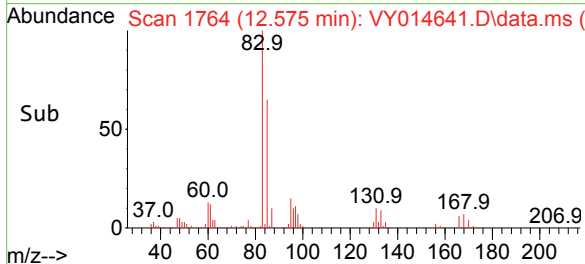
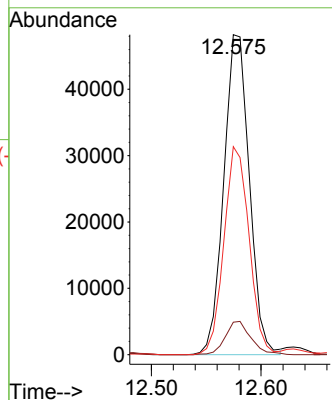
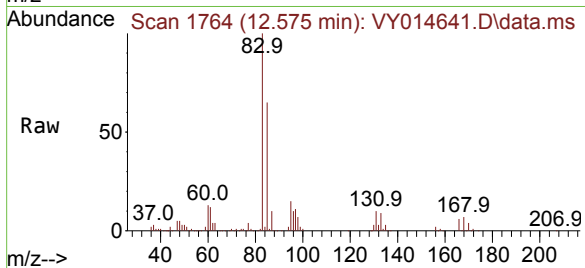
Tgt Ion: 83 Resp: 78238

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 64.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.932 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY014641.D

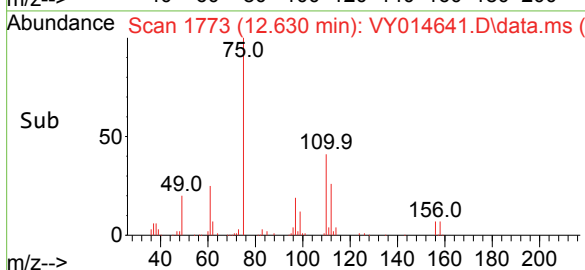
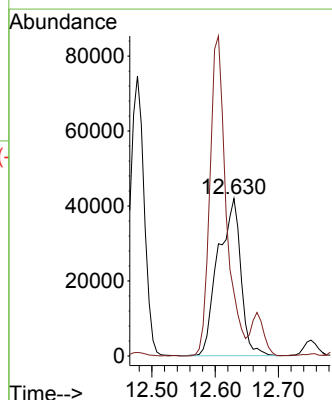
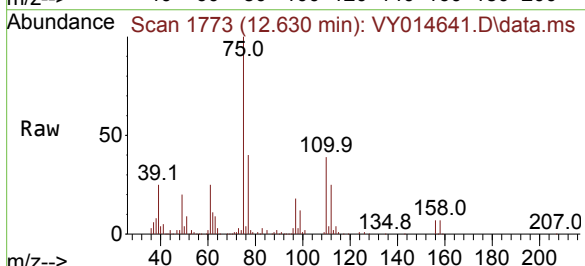
Acq: 14 Jul 2023 12:41

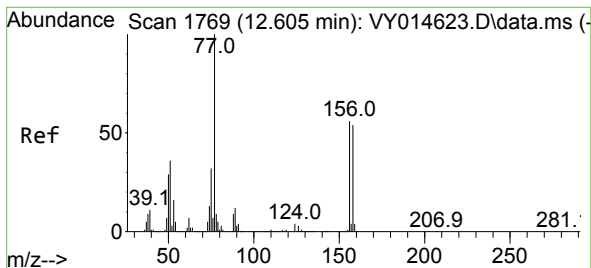
Tgt Ion: 75 Resp: 104674

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.647 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBSD01

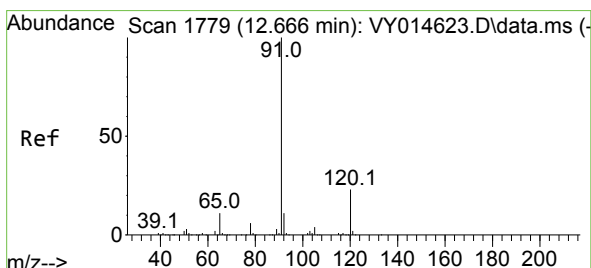
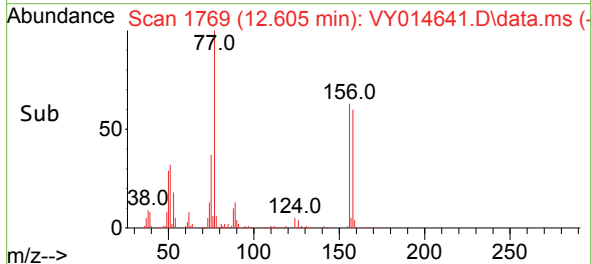
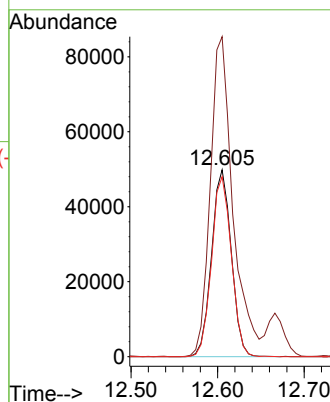
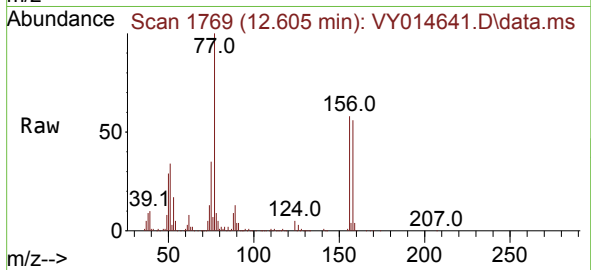
Tgt Ion:156 Resp: 78802

Ion Ratio Lower Upper

156 100

77 195.6 92.8 278.6

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 18.962 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014641.D

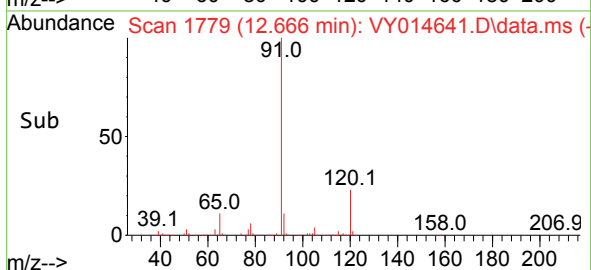
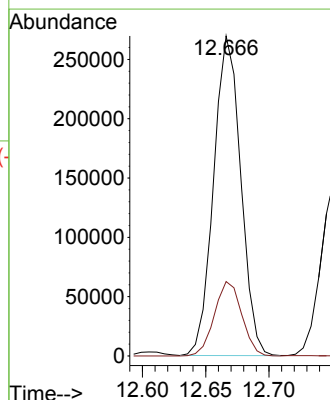
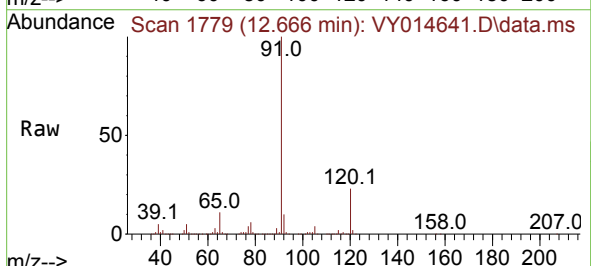
Acq: 14 Jul 2023 12:41

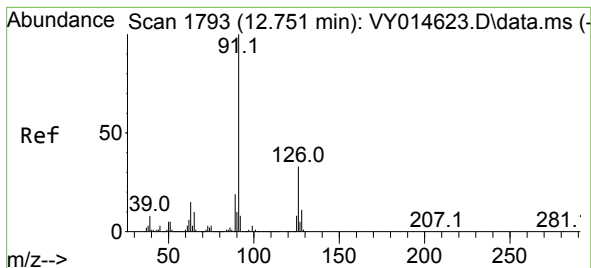
Tgt Ion: 91 Resp: 401489

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

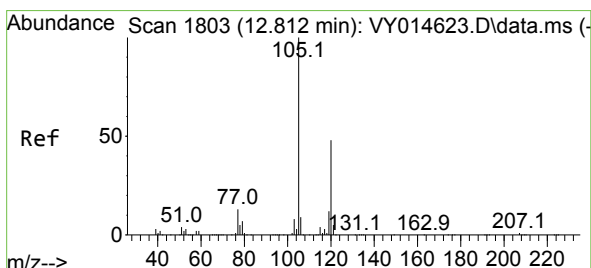
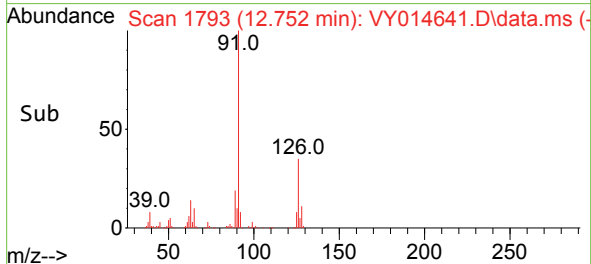
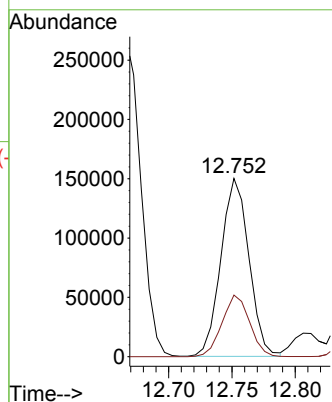
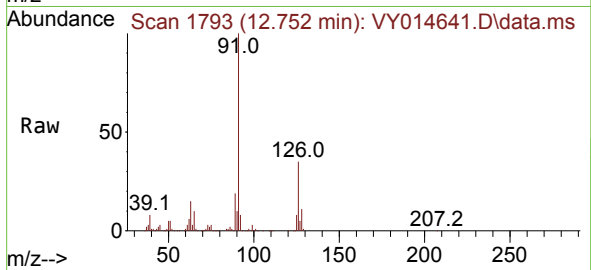




#79
2-Chlorotoluene
Concen: 18.972 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

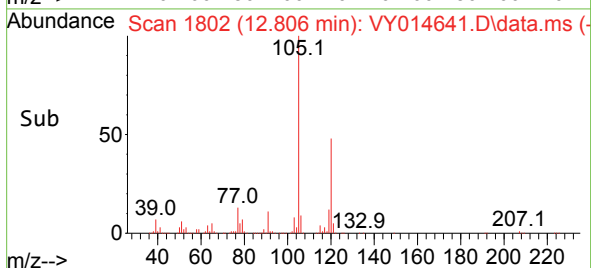
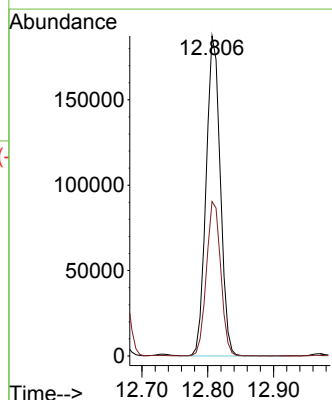
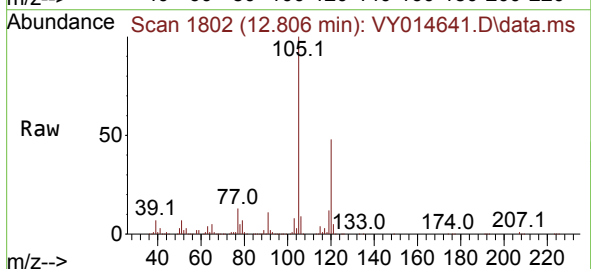
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

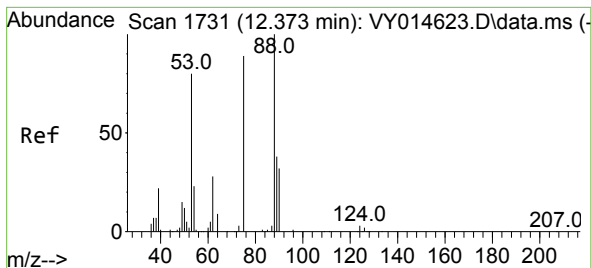
Tgt Ion: 91 Resp: 231375
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.154 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 105 Resp: 281079
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7

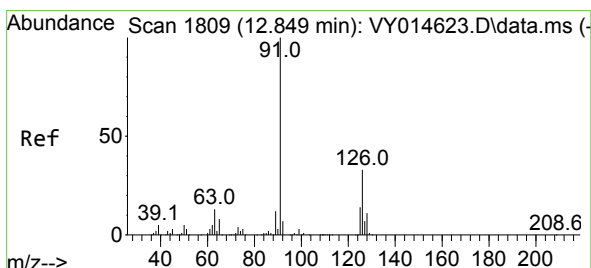
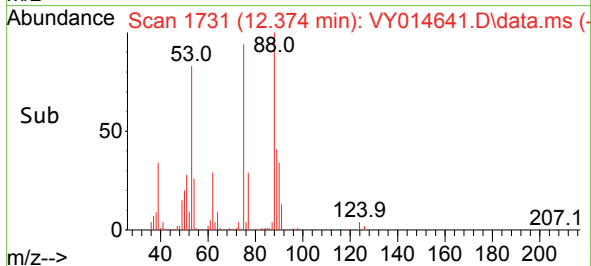
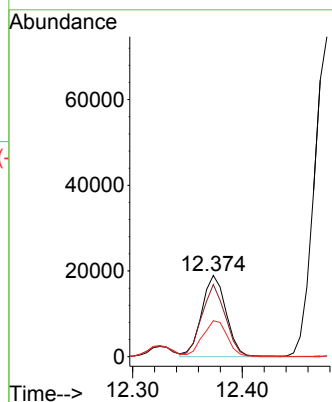
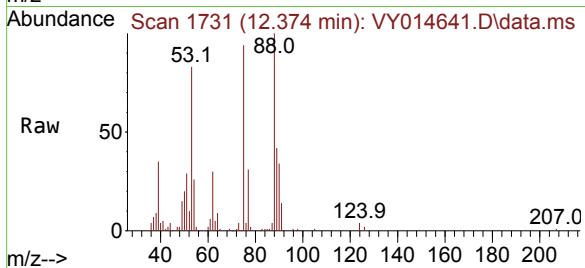




#81
trans-1,4-Dichloro-2-butene
Concen: 20.003 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

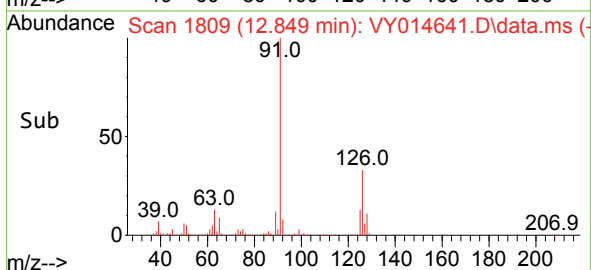
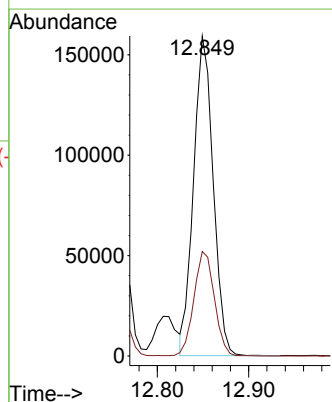
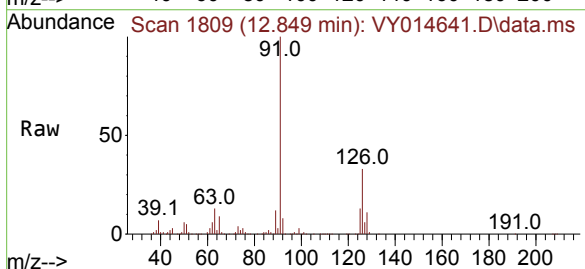
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

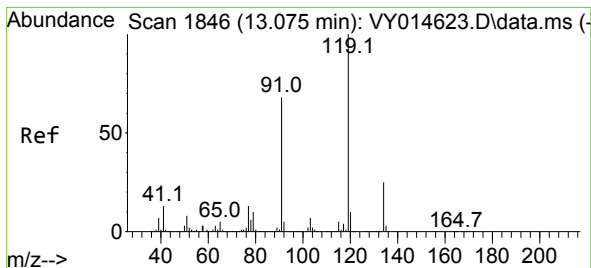
Tgt Ion: 75 Resp: 29280
Ion Ratio Lower Upper
75 100
53 85.7 77.8 116.8
89 44.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 18.881 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 91 Resp: 237149
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.267 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

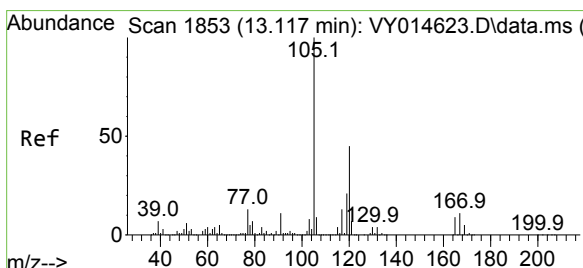
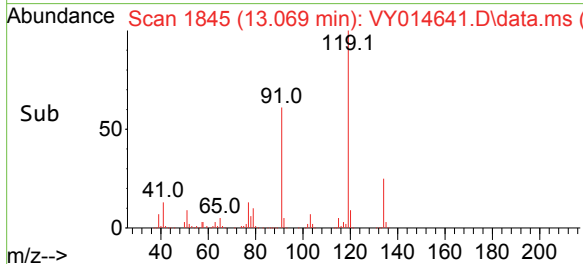
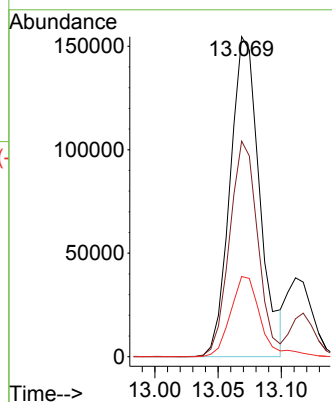
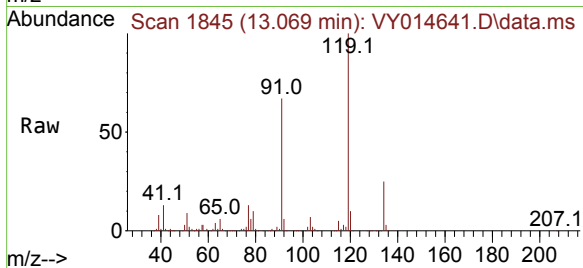
Tgt Ion:119 Resp: 250797

Ion Ratio Lower Upper

119 100

91 64.8 32.9 98.6

134 25.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.352 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014641.D

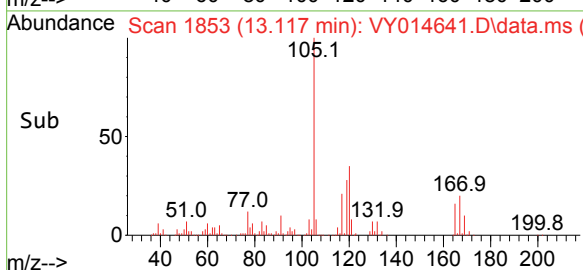
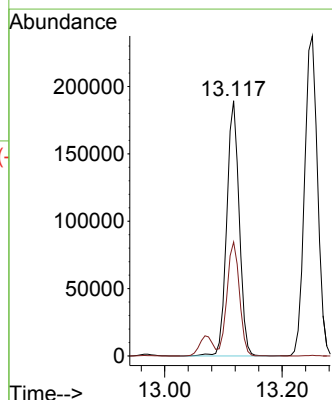
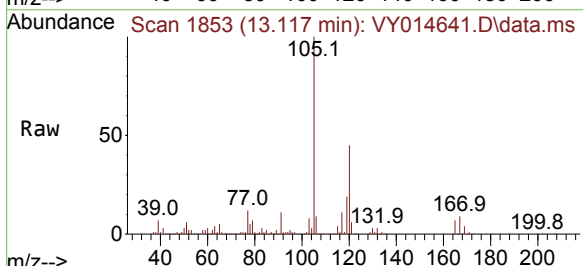
Acq: 14 Jul 2023 12:41

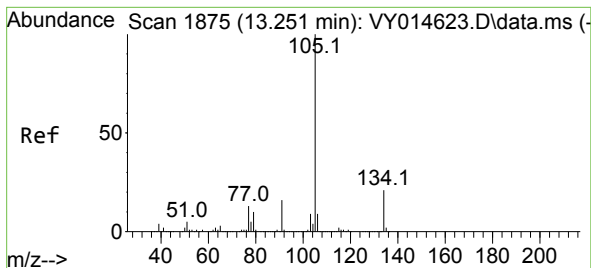
Tgt Ion:105 Resp: 278699

Ion Ratio Lower Upper

105 100

120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 18.975 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

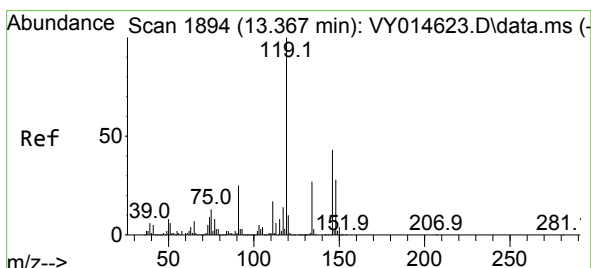
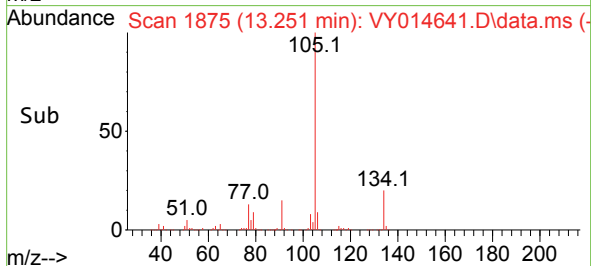
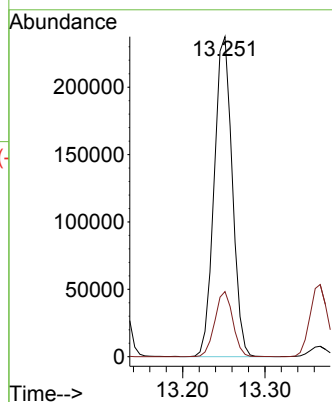
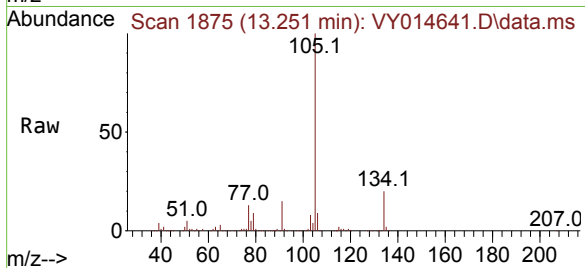
VY0714SBSD01

Tgt Ion:105 Resp: 362340

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.388 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

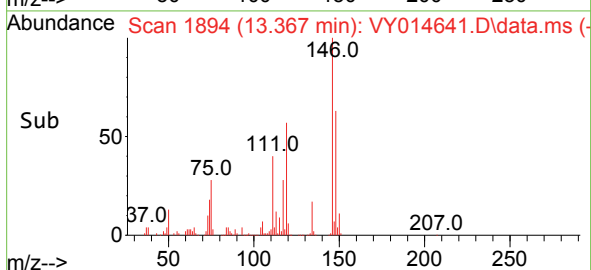
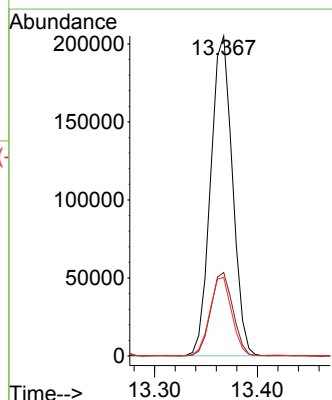
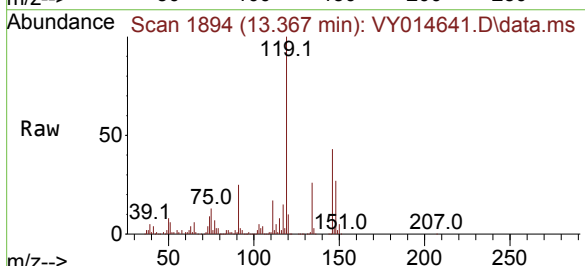
Tgt Ion:119 Resp: 302278

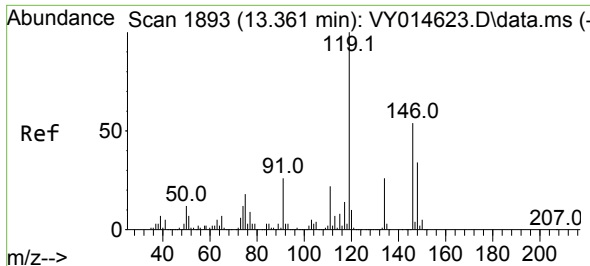
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 24.6 12.4 37.4

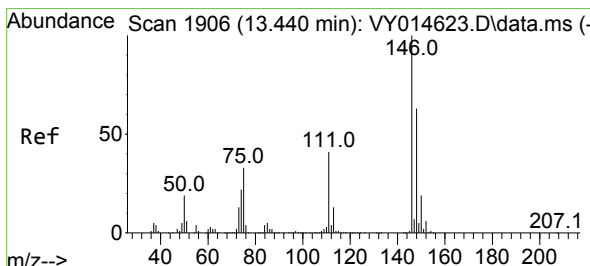
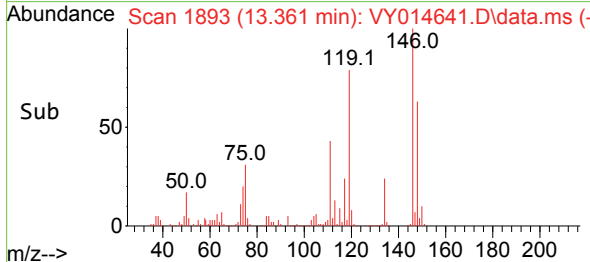
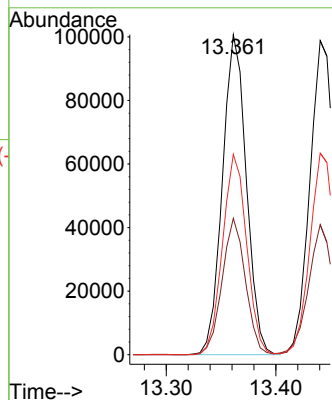
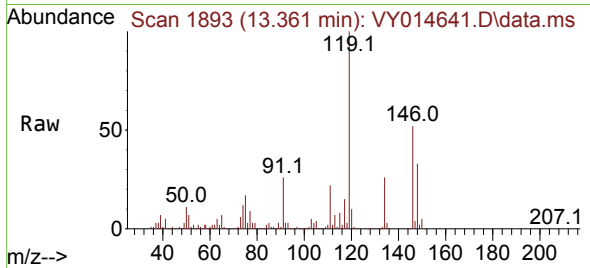




#87
1,3-Dichlorobenzene
Concen: 19.530 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

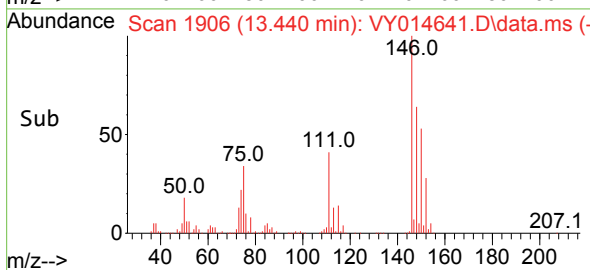
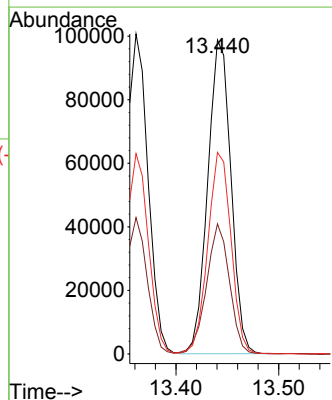
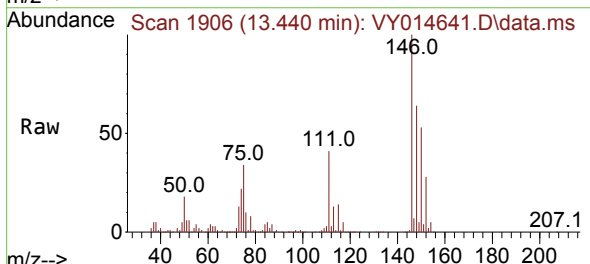
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

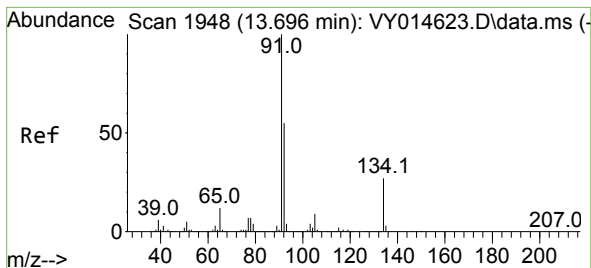
Tgt Ion:146 Resp: 152453
Ion Ratio Lower Upper
146 100
111 41.6 19.4 58.2
148 63.2 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 19.793 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion:146 Resp: 154830
Ion Ratio Lower Upper
146 100
111 41.5 18.9 56.7
148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 19.194 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

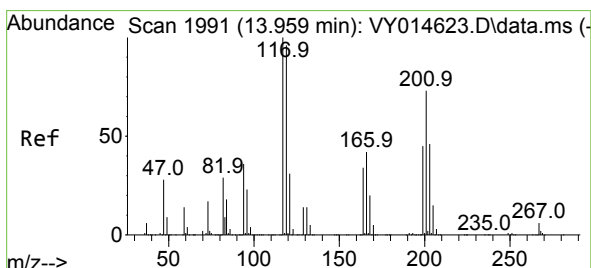
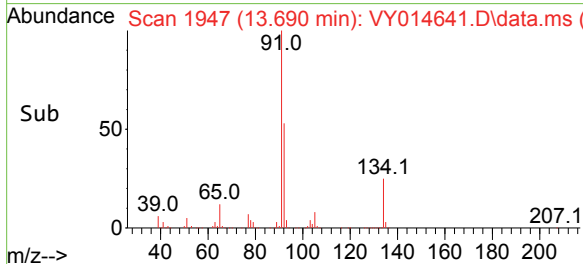
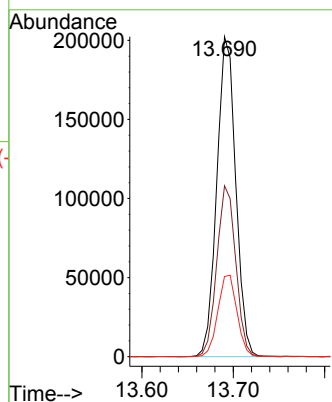
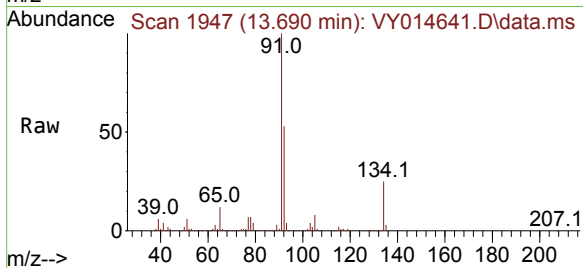
Tgt Ion: 91 Resp: 291143

Ion Ratio Lower Upper

91 100

92 53.6 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 18.841 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY014641.D

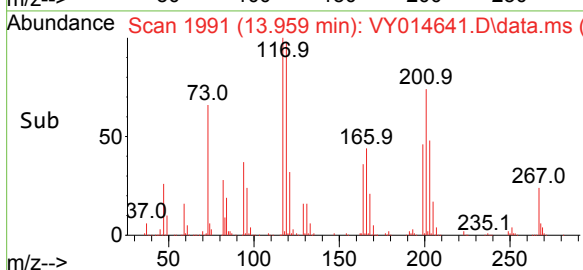
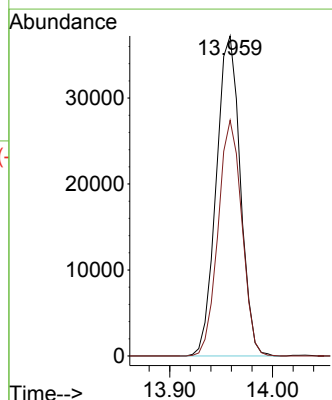
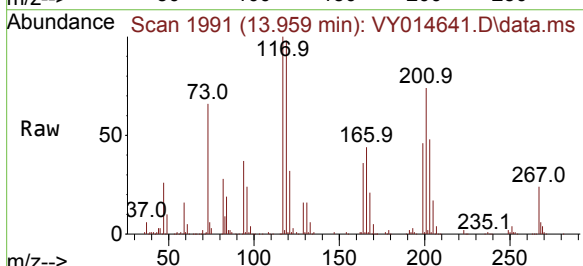
Acq: 14 Jul 2023 12:41

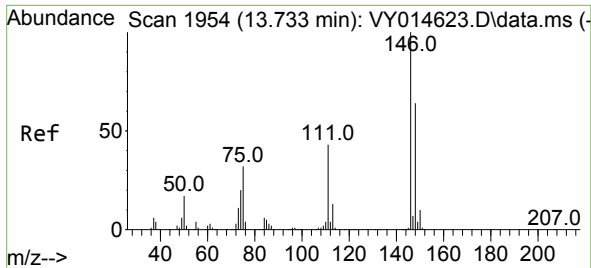
Tgt Ion: 117 Resp: 60337

Ion Ratio Lower Upper

117 100

201 72.8 41.6 124.8

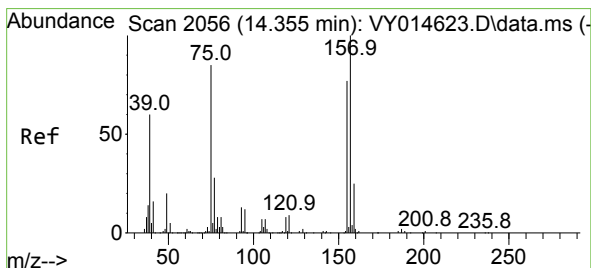
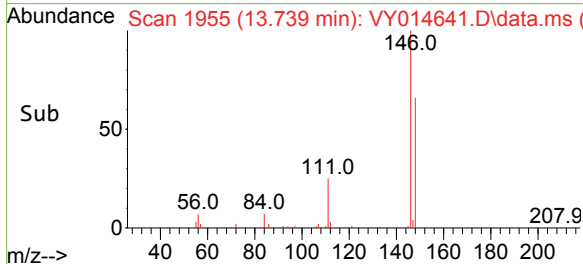
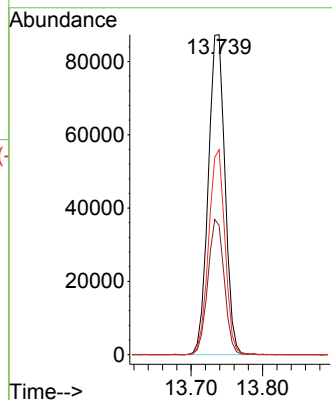
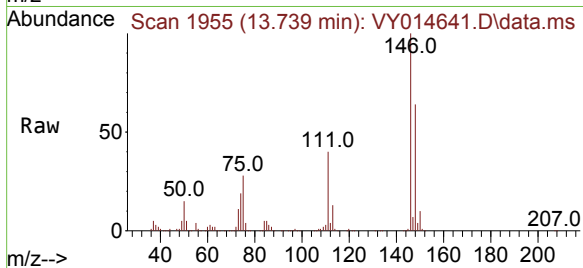




#91
 1,2-Dichlorobenzene
 Concen: 19.786 ug/l
 RT: 13.739 min Scan# 1954
 Delta R.T. 0.006 min
 Lab File: VY014641.D
 Acq: 14 Jul 2023 12:41

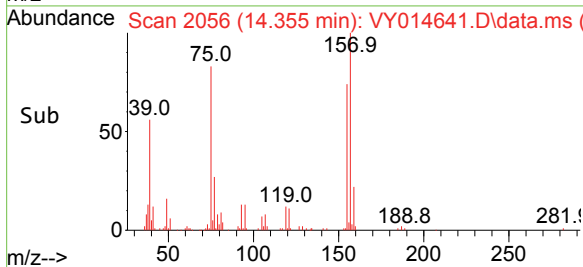
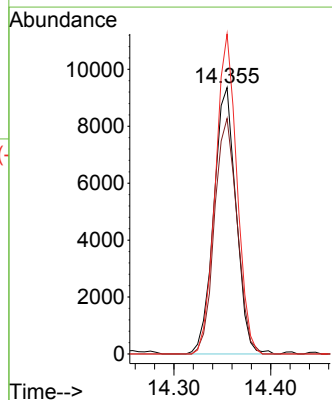
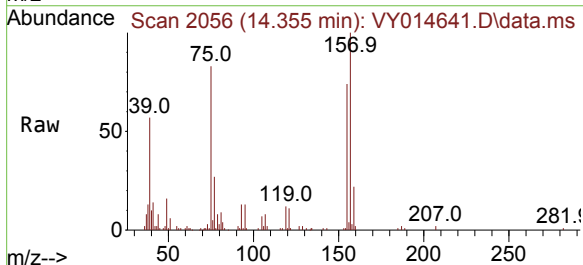
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBSD01

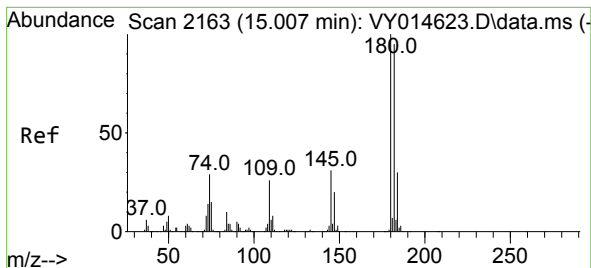
Tgt Ion:146 Resp: 141509
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.7 59.0
 148 62.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.572 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY014641.D
 Acq: 14 Jul 2023 12:41

Tgt Ion: 75 Resp: 14998
 Ion Ratio Lower Upper
 75 100
 155 89.4 41.5 124.6
 157 115.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.687 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

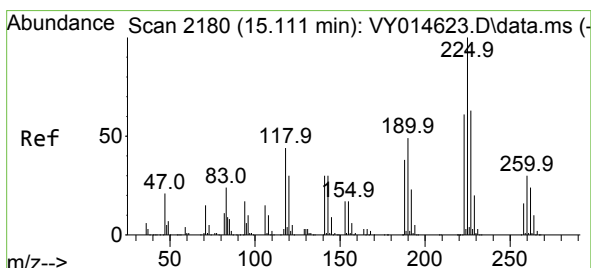
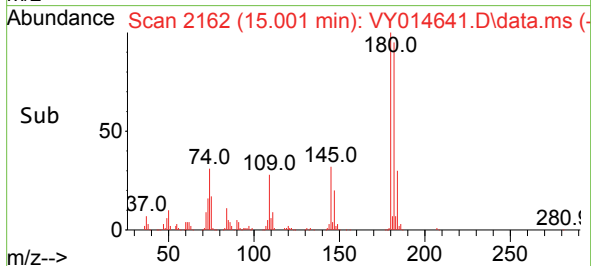
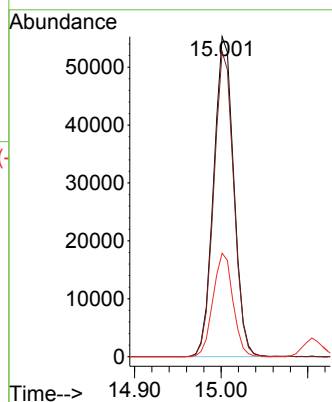
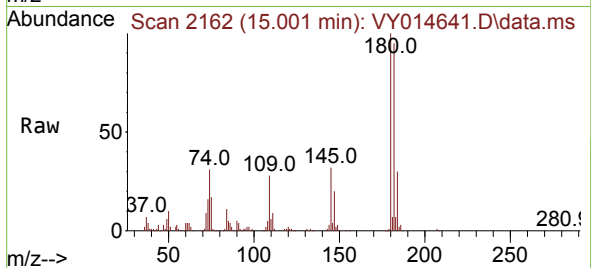
Tgt Ion:180 Resp: 89382

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

145 32.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.728 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

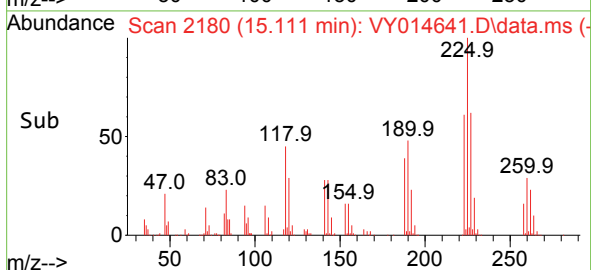
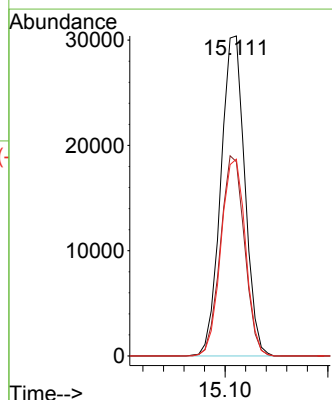
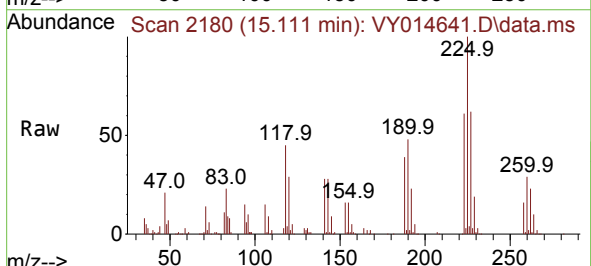
Tgt Ion:225 Resp: 49220

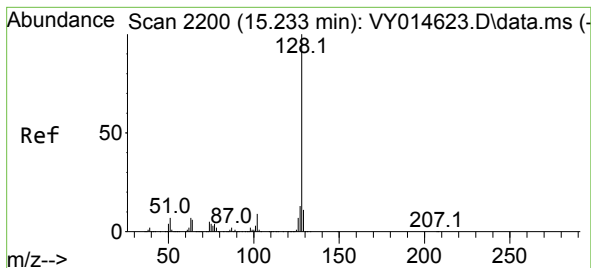
Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.9

227 62.8 33.0 98.9





#95

Naphthalene

Concen: 20.268 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

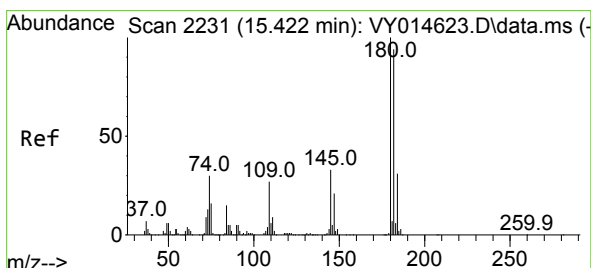
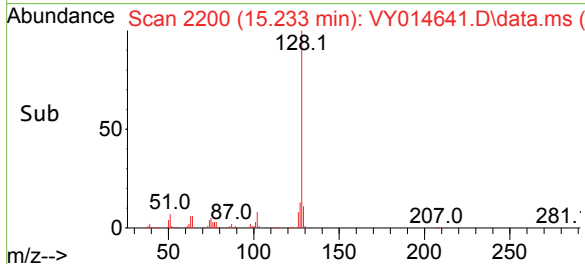
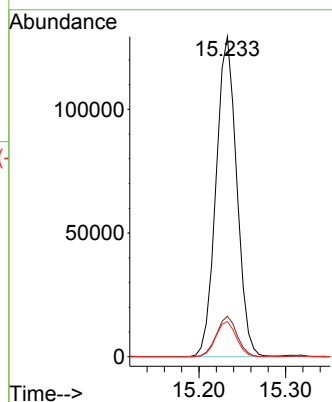
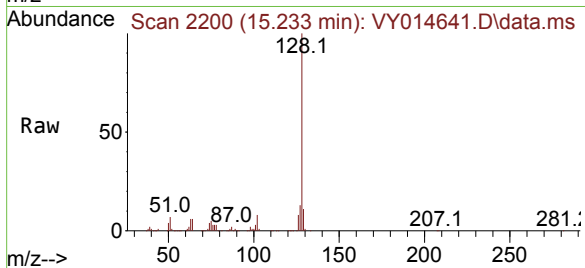
Tgt Ion:128 Resp: 214381

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.083 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Tgt Ion:180 Resp: 81033

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 33.1 15.4 46.2

