

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014653.D
 Acq On : 14 Jul 2023 17:27
 Operator : SY/MD
 Sample : 03632-03
 Misc : 8.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-(7-9)

Quant Time: Jul 14 23:13:32 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	7.789	168	232315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	411111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	383427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184857	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	145537	54.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.960%	
35) Dibromofluoromethane	7.716	113	129625	49.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.060%	
50) Toluene-d8	10.179	98	1538284	159.433	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 318.860%#	
62) 4-Bromofluorobenzene	12.477	95	208507	56.360	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.720%	

Target Compounds				Qvalue		
10) Methyl Iodide	4.082	142	257	2.464	ug/l #	38
11) Tert butyl alcohol	4.954	59	736	Below Cal	#	89
13) Acrolein	3.930	56	18130	65.523	ug/l #	74
14) Allyl chloride	4.552	41	23910	5.886	ug/l #	63
15) Acrylonitrile	5.228	53	125207	152.811	ug/l #	40
16) Acetone	3.936	43	93948	111.989	ug/l #	85
20) Methylene Chloride	4.710	84	20962	3.789	ug/l #	14
25) 2-Butanone	6.978	43	83698	68.196	ug/l #	75
26) 2,2-Dichloropropane	6.783	77	36296	8.060	ug/l #	54
29) Tetrahydrofuran	7.356	42	1222	1.617	ug/l #	35
31) Cyclohexane	7.777	56	5043811	1147.736	ug/l #	91
37) Ethyl Acetate	6.978	43	83698	31.062	ug/l #	73
38) Carbon Tetrachloride	7.783	117	24217	5.854	ug/l #	15
39) Methylcyclohexane	9.191	83	19751168	3873.691	ug/l #	90
41) Methacrylonitrile	7.338	41	5381	3.882	ug/l #	56
42) 1,2-Dichloroethane	8.277	62	28035	7.954	ug/l #	1
43) Isopropyl Acetate	8.264	43	1965839	382.987	ug/l #	56
45) 1,2-Dichloropropane	9.191	63	216307	74.422	ug/l #	1
47) Bromodichloromethane	9.465	83	346905	83.476	ug/l #	37
48) Methyl methacrylate	9.240	41	447090	193.574	ug/l #	13
49) 1,4-Dioxane	9.185	88	450	15.652	ug/l #	36
51) 4-Methyl-2-Pentanone	10.179	43	699403	259.518	ug/l #	44
55) 1,1,2-Trichloroethane	10.618	97	1878848	764.968	ug/l #	18
56) Ethyl methacrylate	10.520	69	1206912	321.837	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.758	63	3978	2.277	ug/l #	48
59) 2-Hexanone	10.800	43	1151693	586.001	ug/l #	33
65) Chlorobenzene	11.410	112	19660	2.406	ug/l #	80
67) Ethyl Benzene	11.587	91	139445	9.452	ug/l	98
68) m/p-Xylenes	11.703	106	7386	1.312	ug/l #	37
73) Isopropylbenzene	12.325	105	199040	13.751	ug/l	99
74) N-amyl acetate	12.123	43	114202	23.558	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.550	83	15497	4.695	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	98504	42.191	ug/l #	100
78) n-propylbenzene	12.666	91	236263	13.546	ug/l	99
79) 2-Chlorotoluene	12.764	91	27791	2.766	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.806	105	243974	20.183	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014653.D
 Acq On : 14 Jul 2023 17:27
 Operator : SY/MD
 Sample : 03632-03
 Misc : 8.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-(7-9)

Quant Time: Jul 14 23:13:32 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

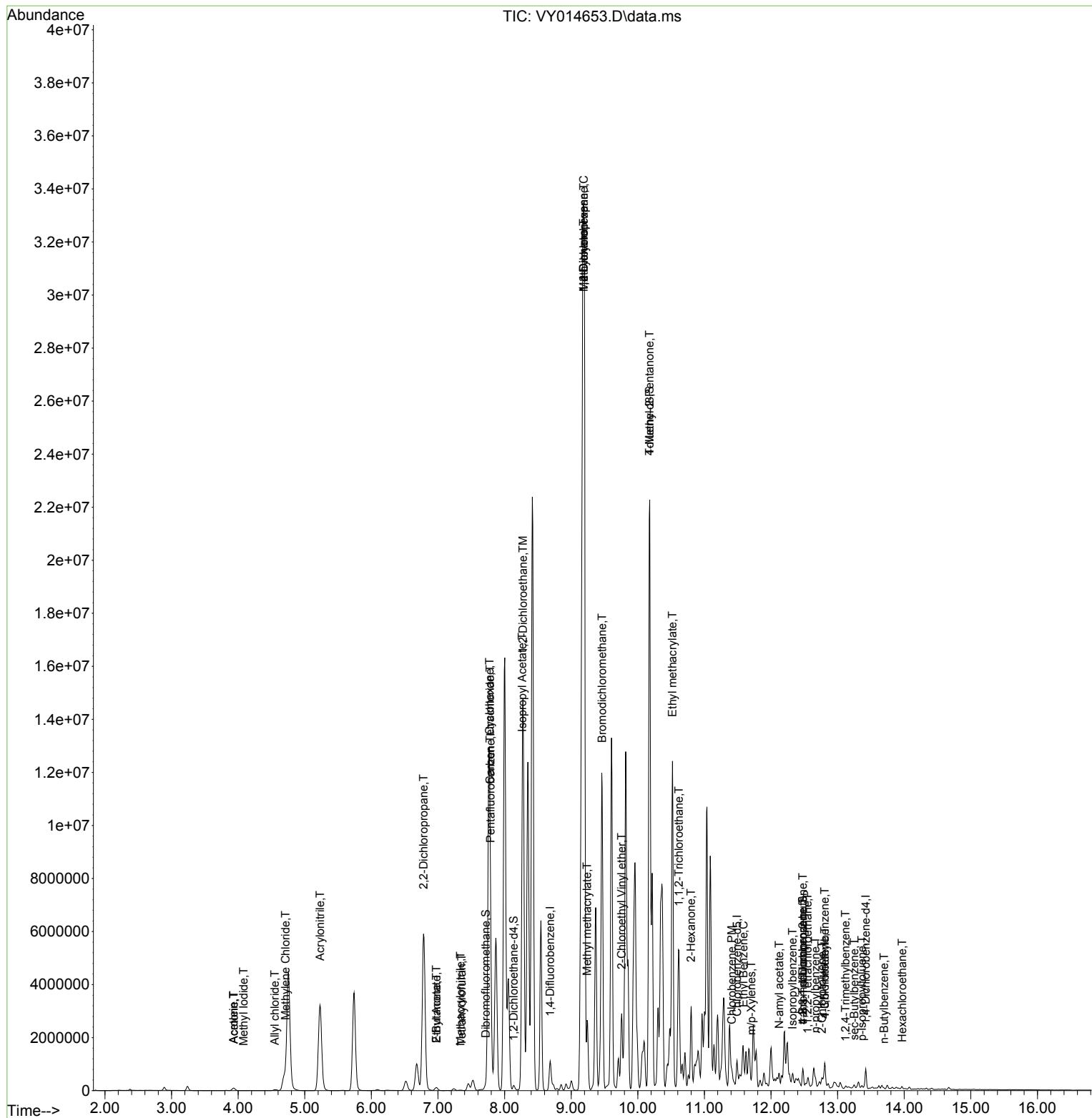
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	12.477	75	98504	81.690	ug/l #	11
82) 4-Chlorotoluene	12.806	91	28597	2.764	ug/l #	53
84) 1,2,4-Trimethylbenzene	13.117	105	18214	1.535	ug/l	97
85) sec-Butylbenzene	13.251	105	65294	4.151	ug/l	83
86) p-Isopropyltoluene	13.367	119	52383	4.079	ug/l	100
89) n-Butylbenzene	13.696	91	30928	2.475	ug/l #	72
90) Hexachloroethane	13.971	117	3120	1.183	ug/l #	8

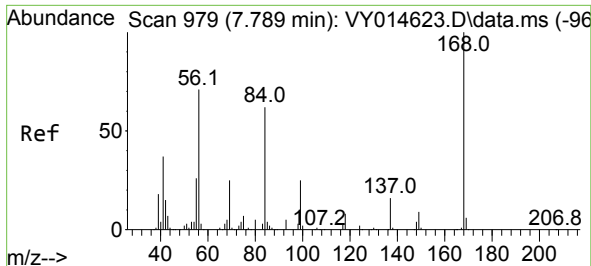
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014653.D
 Acq On : 14 Jul 2023 17:27
 Operator : SY/MD
 Sample : 03632-03
 Misc : 8.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-(7-9)

Quant Time: Jul 14 23:13:32 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

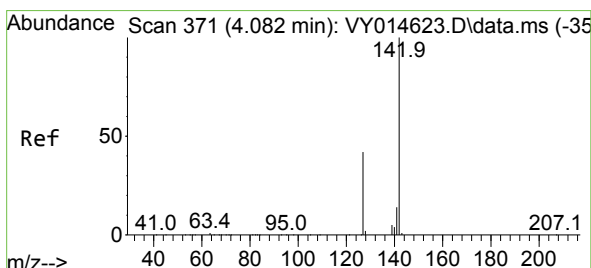
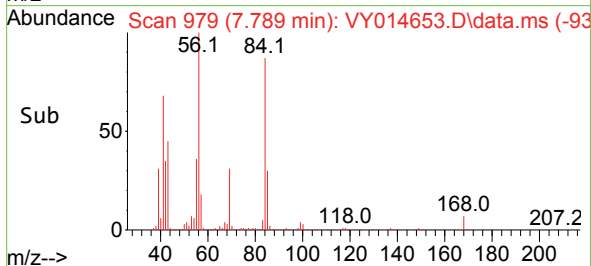
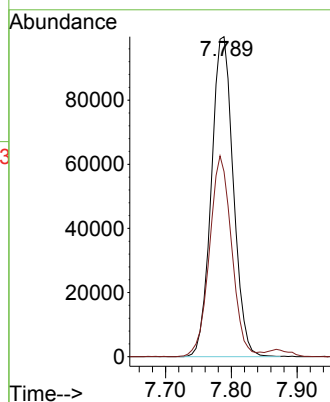
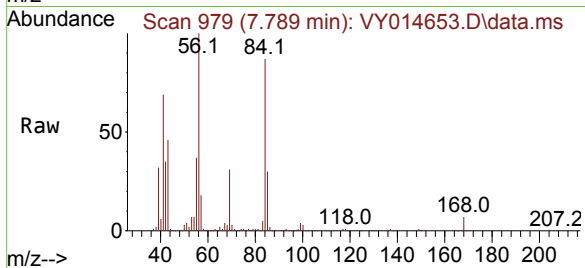




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

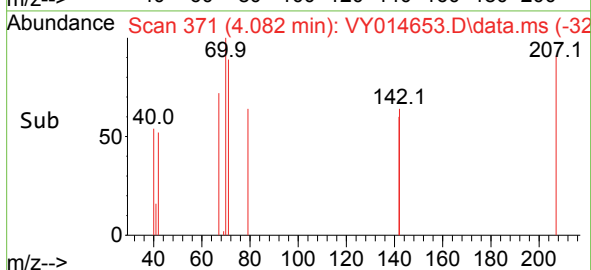
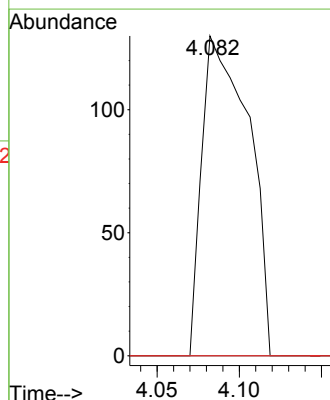
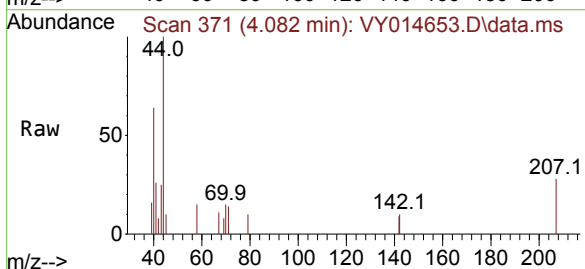
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

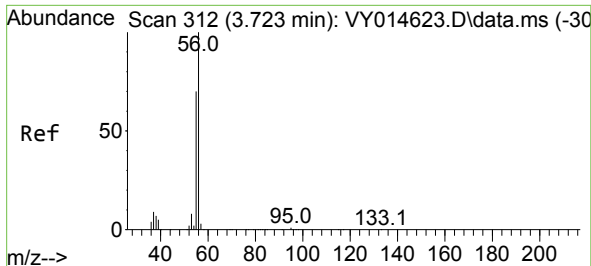
Tgt Ion:168 Resp: 232315
Ion Ratio Lower Upper
168 100
99 57.6 43.4 65.0



#10
Methyl Iodide
Concen: 2.464 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

Tgt Ion:142 Resp: 257
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





#13

Acrolein

Concen: 65.523 ug/l

RT: 3.930 min Scan# 34

Delta R.T. 0.207 min

Lab File: VY014653.D

Acq: 14 Jul 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

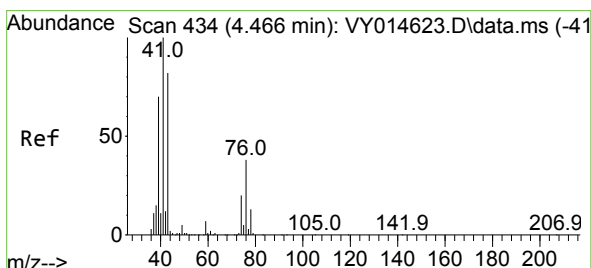
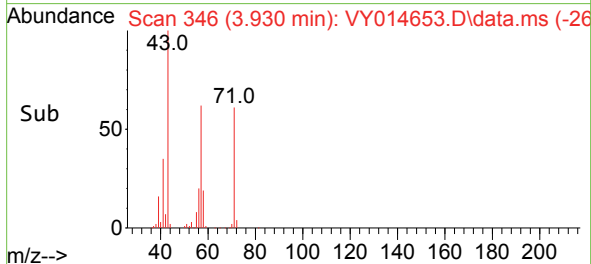
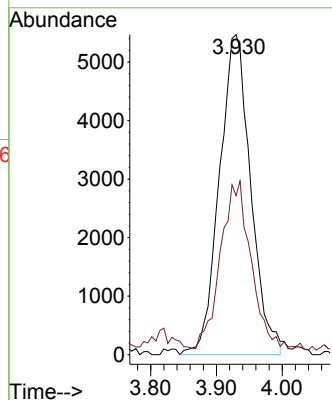
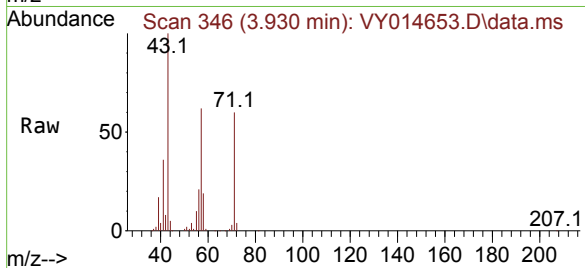
SB-03-(7-9)

Tgt Ion: 56 Resp: 18130

Ion Ratio Lower Upper

56 100

55 49.8 57.0 85.4#



#14

Allyl chloride

Concen: 5.886 ug/l

RT: 4.552 min Scan# 448

Delta R.T. 0.086 min

Lab File: VY014653.D

Acq: 14 Jul 2023 17:27

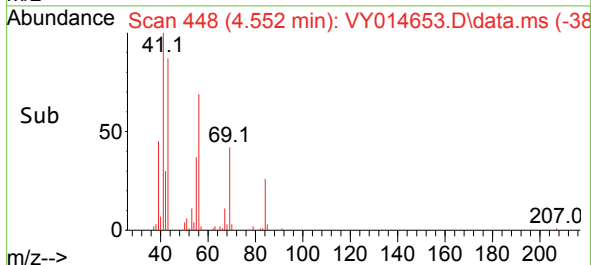
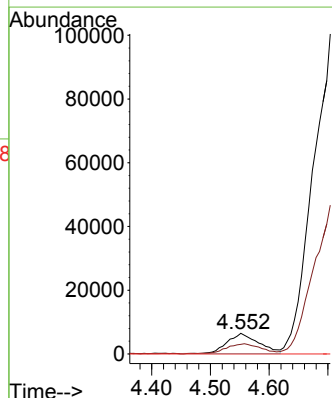
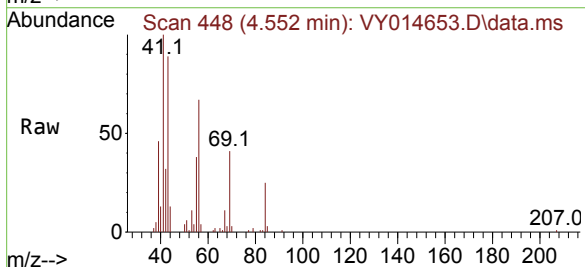
Tgt Ion: 41 Resp: 23910

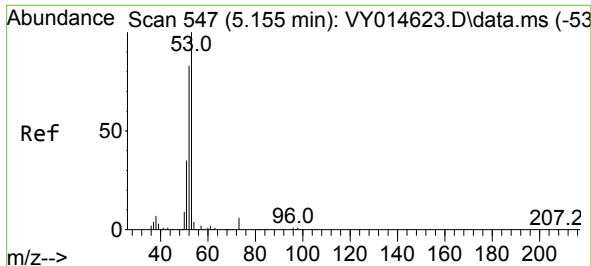
Ion Ratio Lower Upper

41 100

39 50.3 58.0 87.0#

76 0.0 27.4 41.2#





#15

Acrylonitrile

Concen: 152.811 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.073 min

Lab File: VY014653.D

Acq: 14 Jul 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-(7-9)

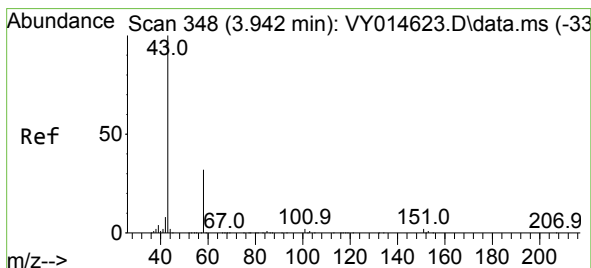
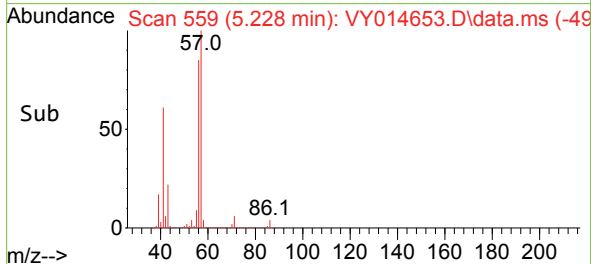
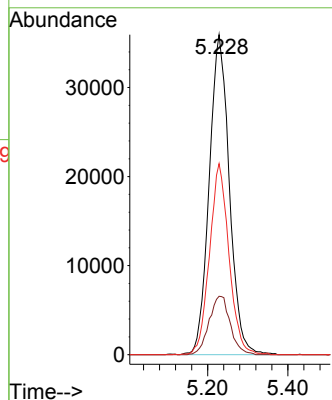
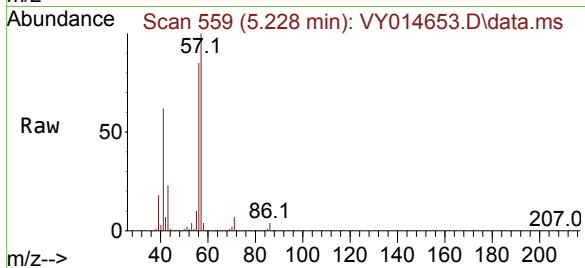
Tgt Ion: 53 Resp: 125207

Ion Ratio Lower Upper

53 100

52 19.2 66.9 100.3#

51 57.7 29.8 44.6#



#16

Acetone

Concen: 111.989 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.006 min

Lab File: VY014653.D

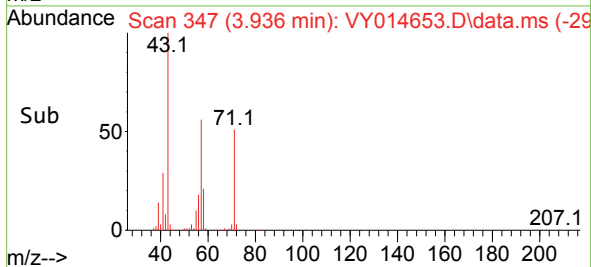
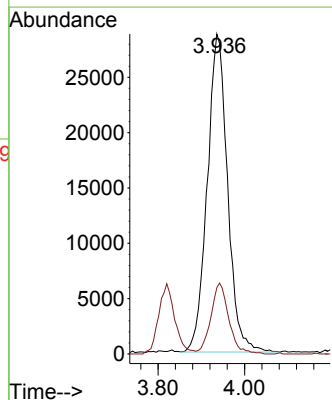
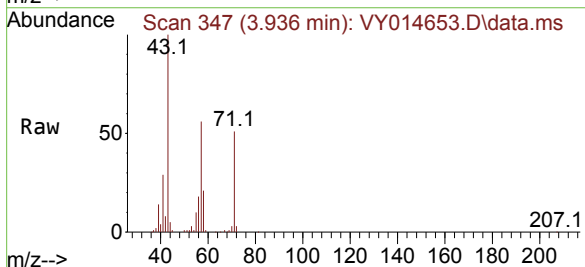
Acq: 14 Jul 2023 17:27

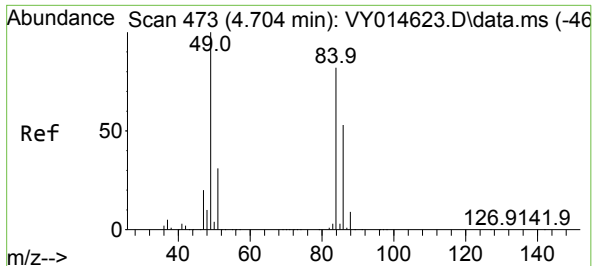
Tgt Ion: 43 Resp: 93948

Ion Ratio Lower Upper

43 100

58 20.5 22.7 34.1#

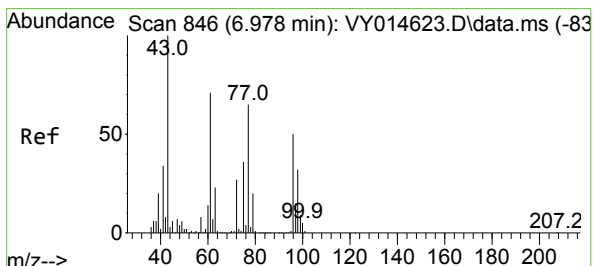
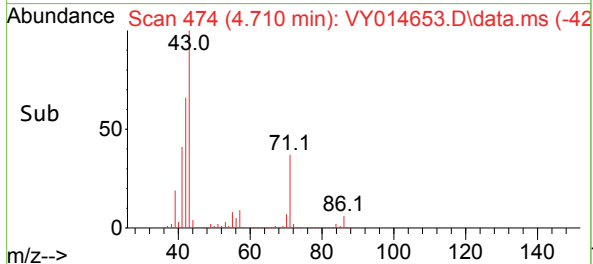
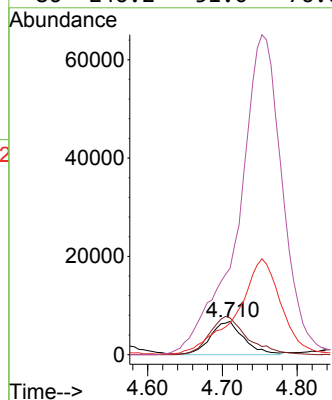
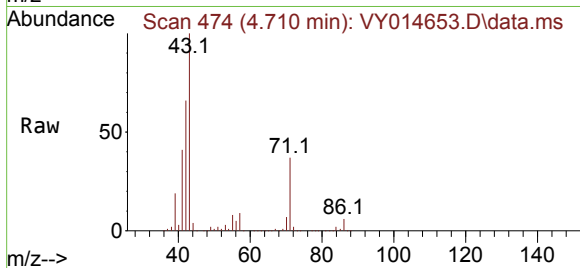




#20
Methylene Chloride
Concen: 3.789 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

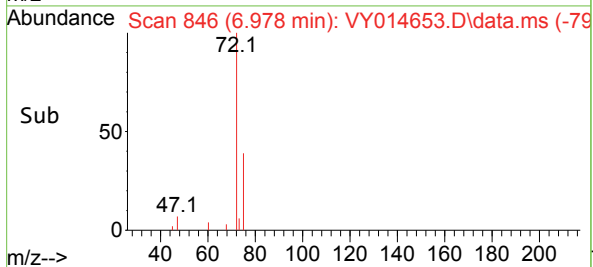
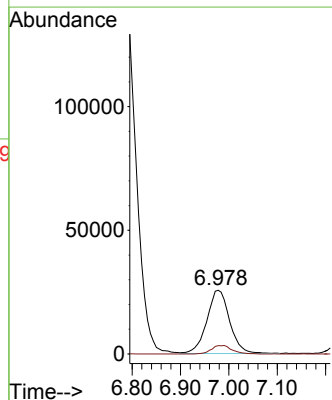
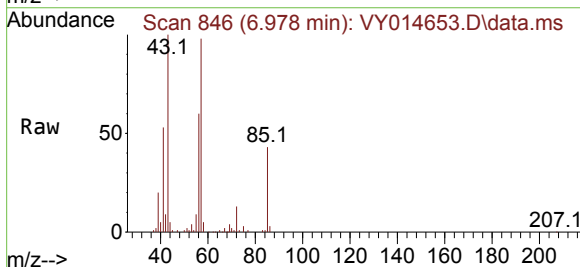
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

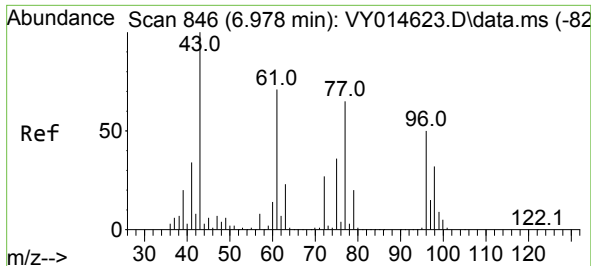
Tgt Ion: 84 Resp: 20962
Ion Ratio Lower Upper
84 100
49 112.0 106.9 160.3
51 91.8 33.2 49.8#
86 246.2 51.0 76.6#



#25
2-Butanone
Concen: 68.196 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

Tgt Ion: 43 Resp: 83698
Ion Ratio Lower Upper
43 100
72 13.1 20.5 30.7#





#26

2,2-Dichloropropane

Concen: 8.060 ug/l

RT: 6.783 min Scan# 81

Delta R.T. -0.195 min

Lab File: VY014653.D

Acq: 14 Jul 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

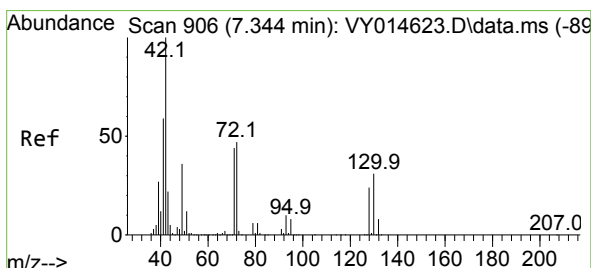
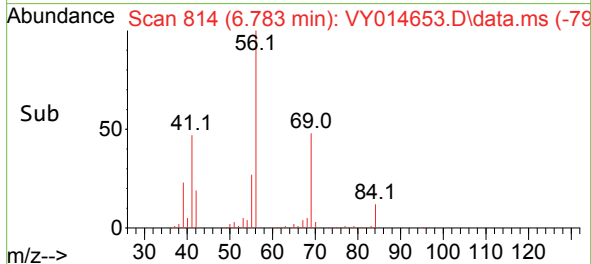
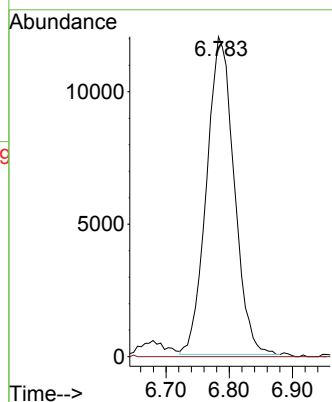
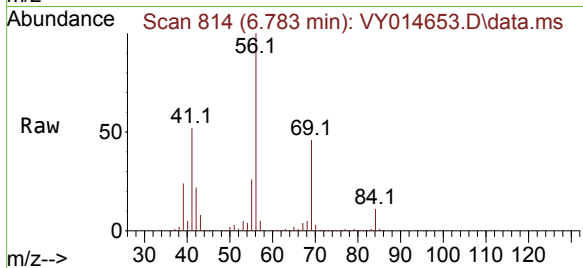
SB-03-(7-9)

Tgt Ion: 77 Resp: 36296

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#29

Tetrahydrofuran

Concen: 1.617 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.012 min

Lab File: VY014653.D

Acq: 14 Jul 2023 17:27

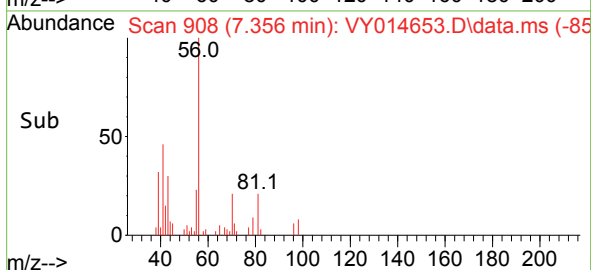
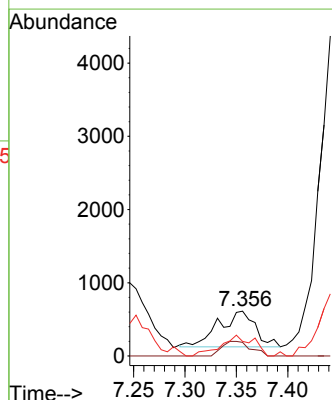
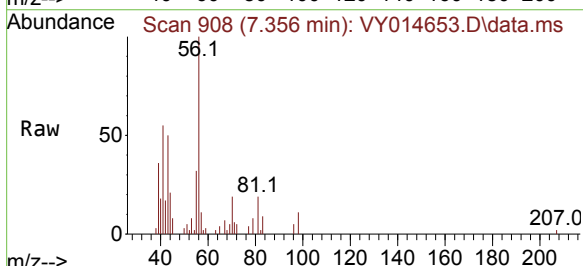
Tgt Ion: 42 Resp: 1222

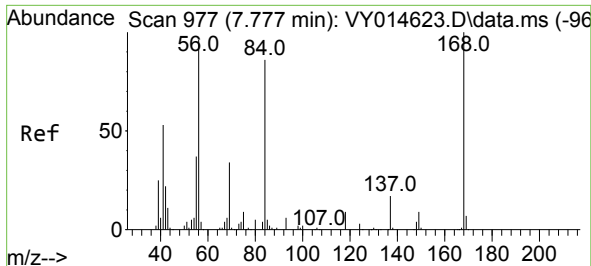
Ion Ratio Lower Upper

42 100

72 0.0 32.8 49.2#

71 0.0 31.0 46.4#

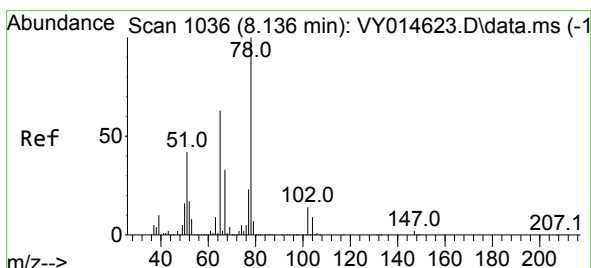
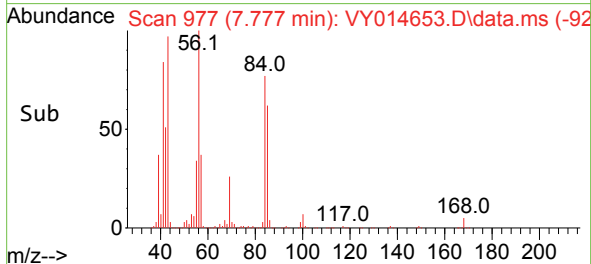
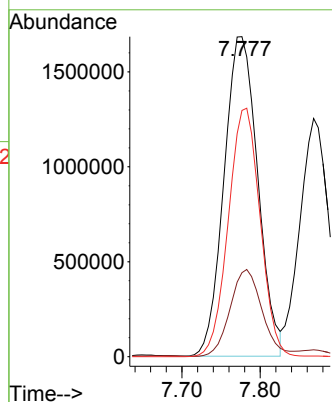
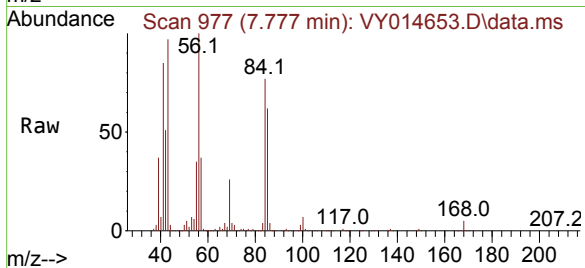




#31
Cyclohexane
Concen: 1147.736 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

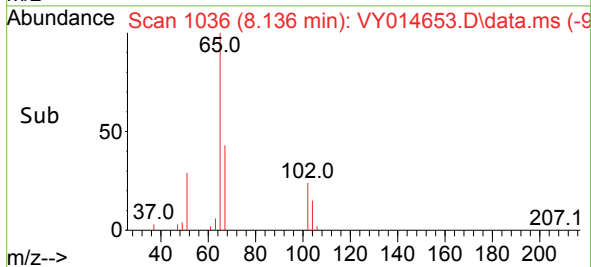
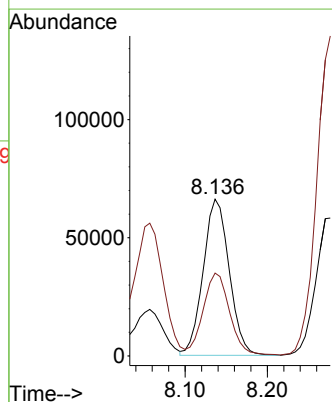
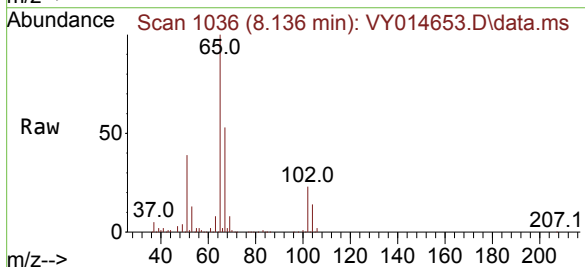
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

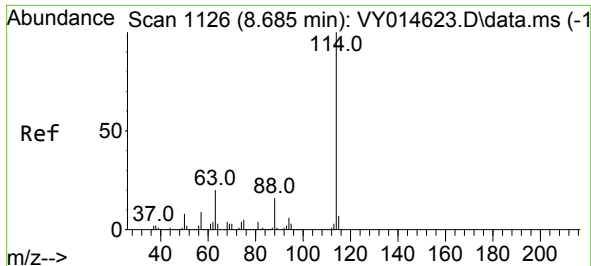
Tgt Ion: 56 Resp: 5043811
Ion Ratio Lower Upper
56 100
69 26.0 27.8 41.6#
84 77.1 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 54.975 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

Tgt Ion: 65 Resp: 145537
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8

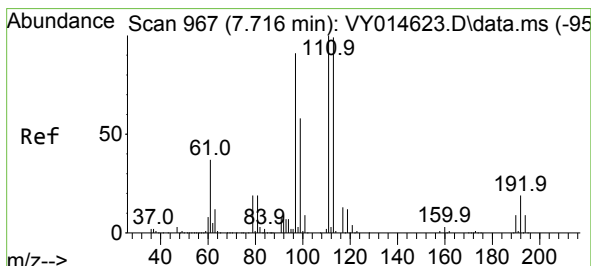
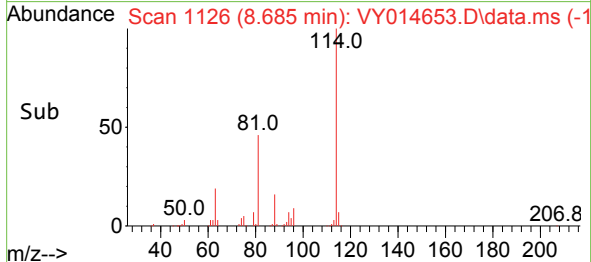
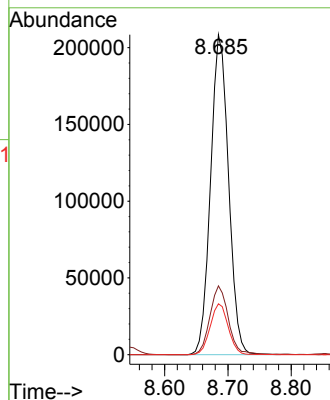
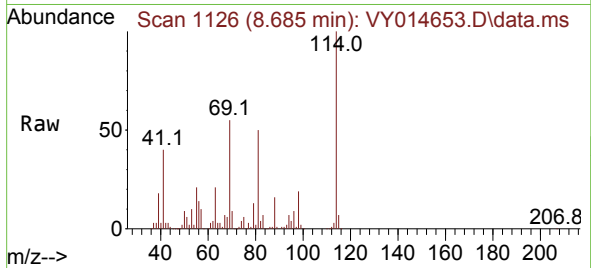




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

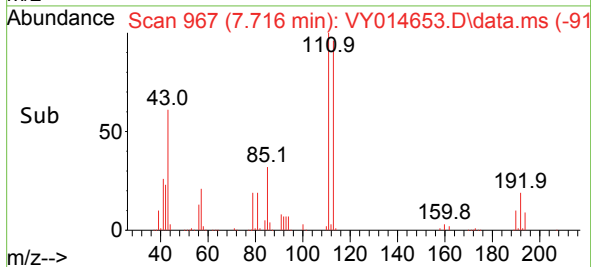
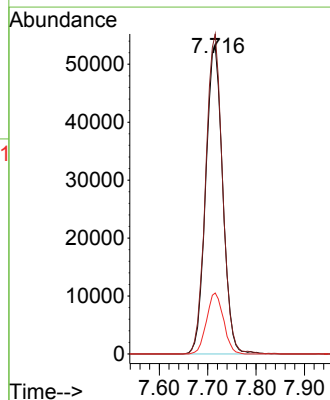
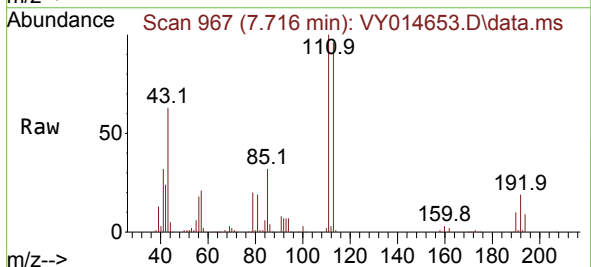
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

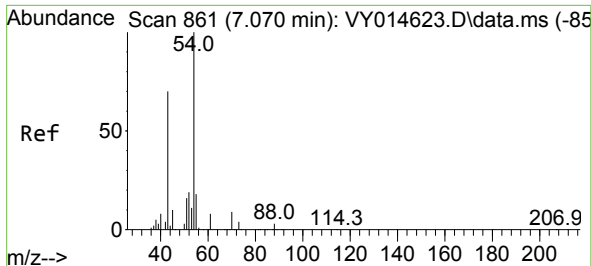
Tgt Ion:	114	Resp:	411111
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	42.4
88	15.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.531 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

Tgt Ion:	113	Resp:	129625
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.3	121.9
192	19.7	16.9	25.3





#37

Ethyl Acetate

Concen: 31.062 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY014653.D

Acq: 14 Jul 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-(7-9)

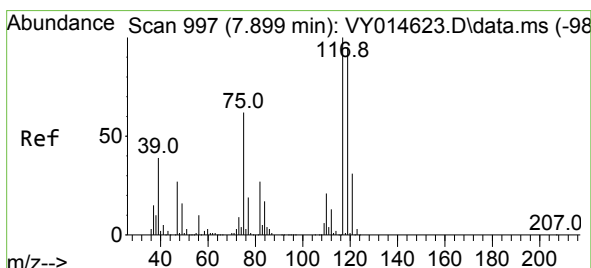
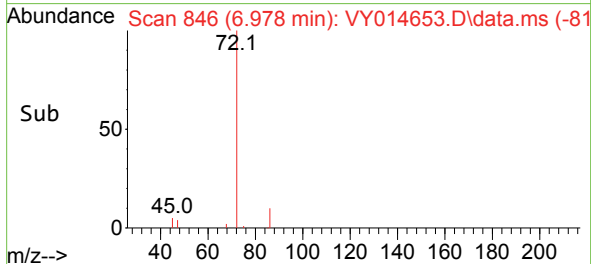
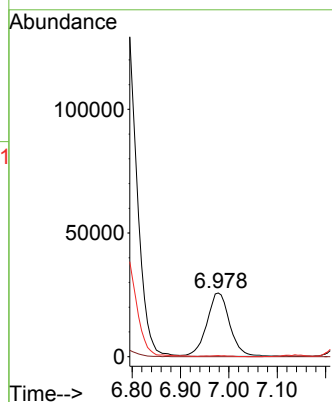
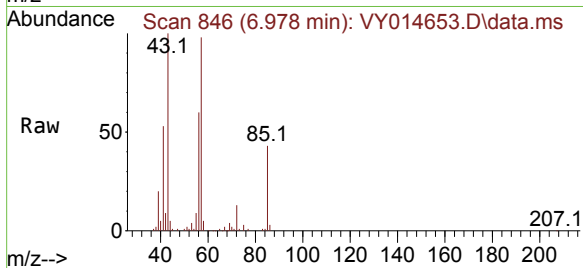
Tgt Ion: 43 Resp: 83698

Ion Ratio Lower Upper

43 100

61 0.0 10.1 15.1#

70 1.8 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.854 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY014653.D

Acq: 14 Jul 2023 17:27

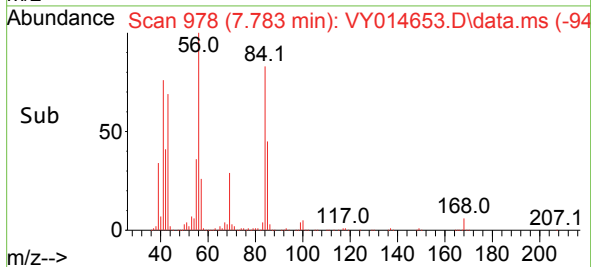
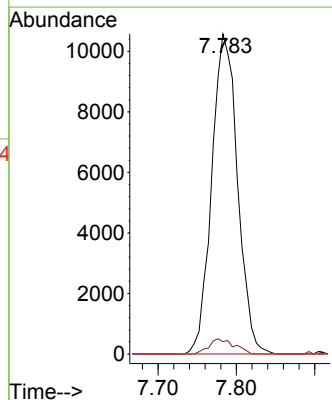
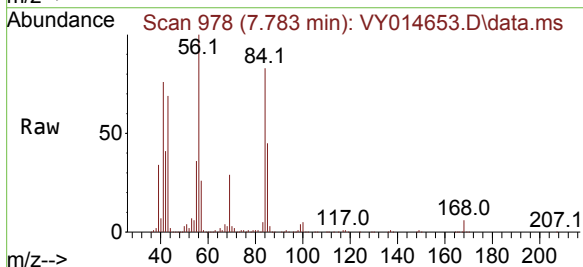
Tgt Ion: 117 Resp: 24217

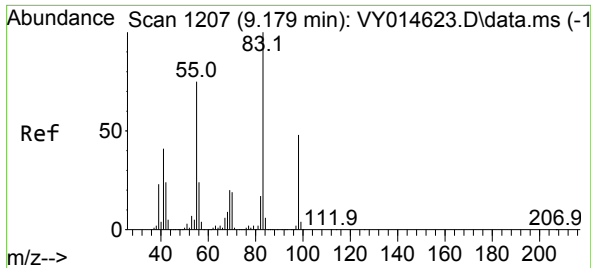
Ion Ratio Lower Upper

117 100

119 3.8 76.4 114.6#

121 0.0 25.8 38.6#

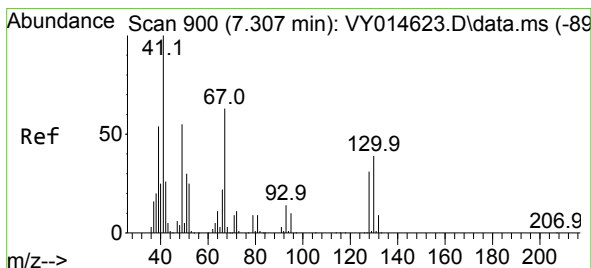
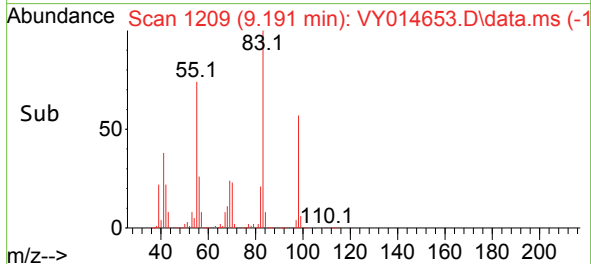
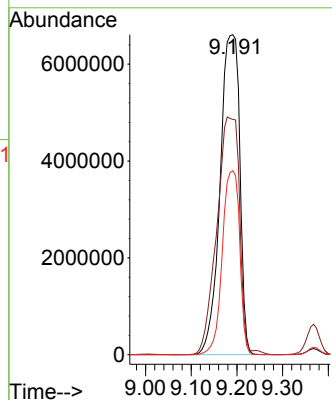
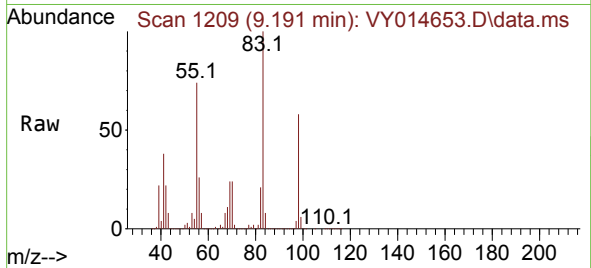




#39
Methylcyclohexane
Concen: 3873.691 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

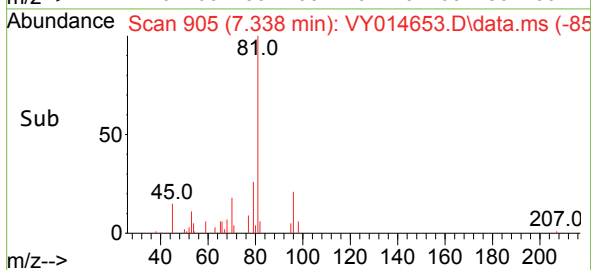
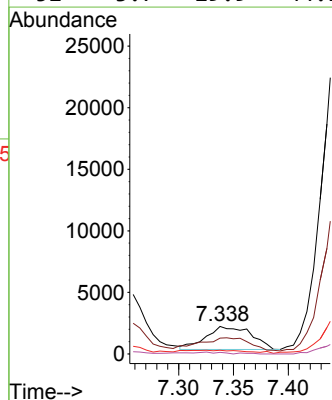
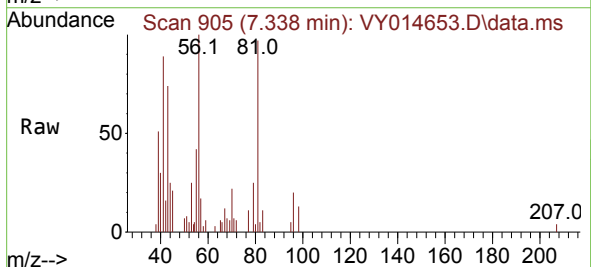
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

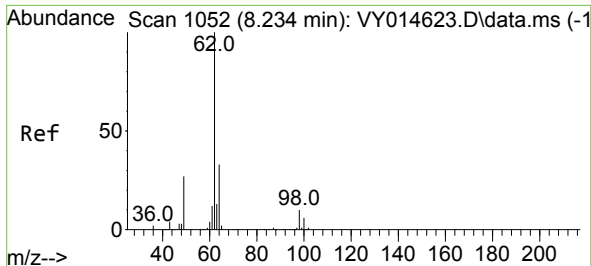
Tgt Ion: 83 Resp:19751168
Ion Ratio Lower Upper
83 100
55 73.5 63.0 94.4
98 57.5 37.4 56.2#



#41
Methacrylonitrile
Concen: 3.882 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

Tgt Ion: 41 Resp: 5381
Ion Ratio Lower Upper
41 100
39 63.9 52.1 78.1
67 17.8 66.2 99.2#
52 3.7 29.9 44.9#





#42

1,2-Dichloroethane

Concen: 7.954 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.043 min

Lab File: VY014653.D

Acq: 14 Jul 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

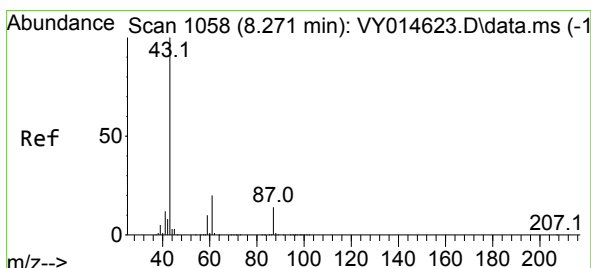
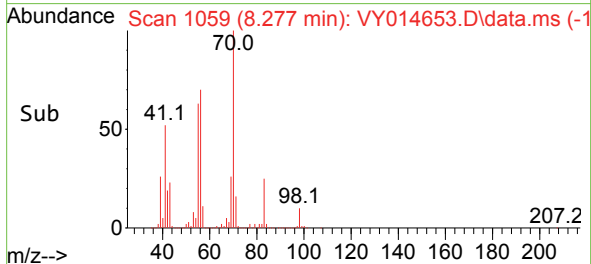
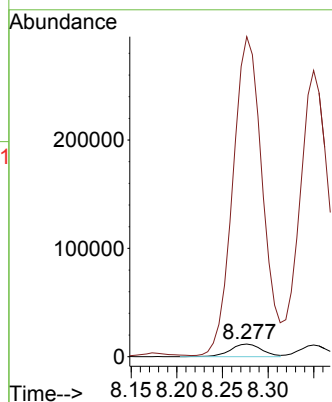
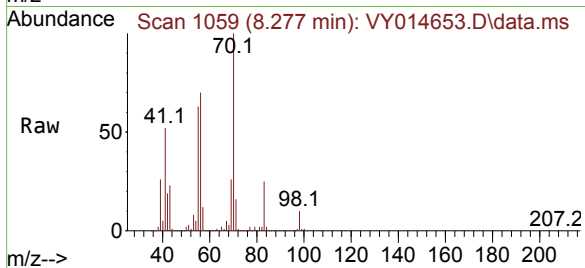
SB-03-(7-9)

Tgt Ion: 62 Resp: 28035

Ion Ratio Lower Upper

62 100

98 2350.4 0.0 15.8#



#43

Isopropyl Acetate

Concen: 382.987 ug/l

RT: 8.264 min Scan# 1057

Delta R.T. -0.007 min

Lab File: VY014653.D

Acq: 14 Jul 2023 17:27

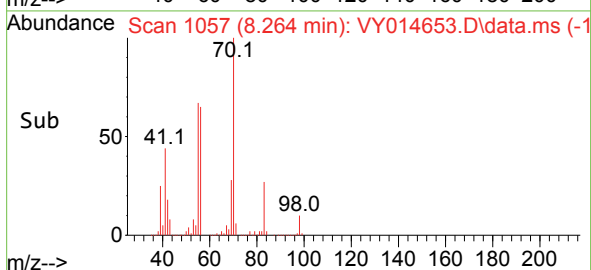
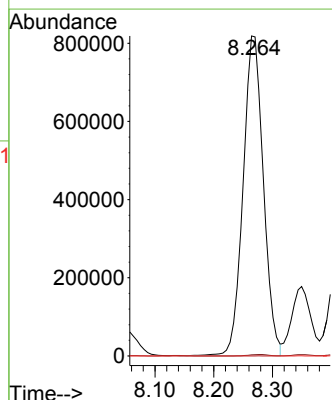
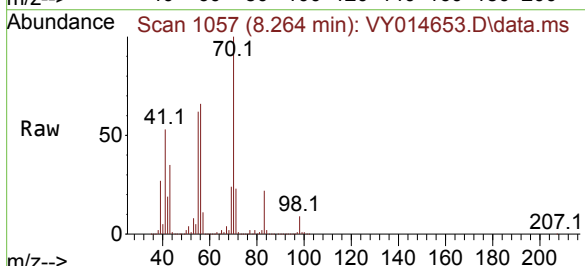
Tgt Ion: 43 Resp: 1965839

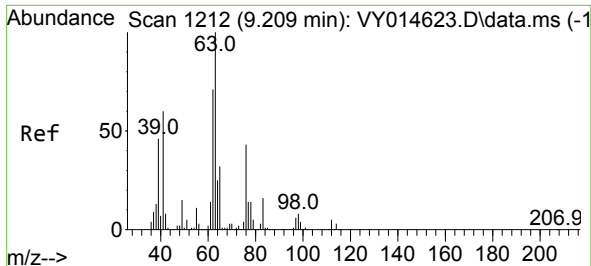
Ion Ratio Lower Upper

43 100

61 0.5 21.1 31.7#

87 0.0 9.8 14.8#





#45

1,2-Dichloropropane

Concen: 74.422 ug/l

RT: 9.191 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY014653.D

Acq: 14 Jul 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

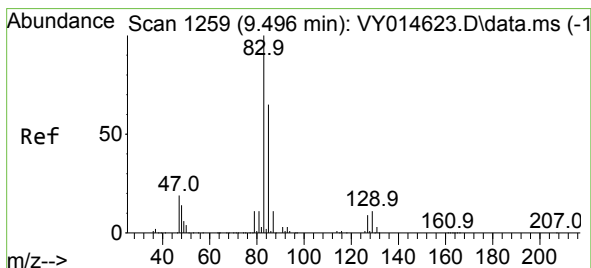
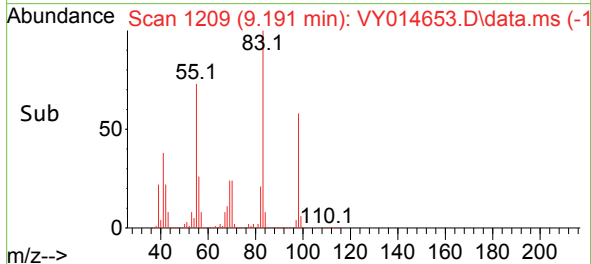
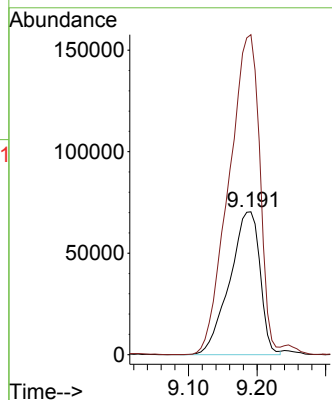
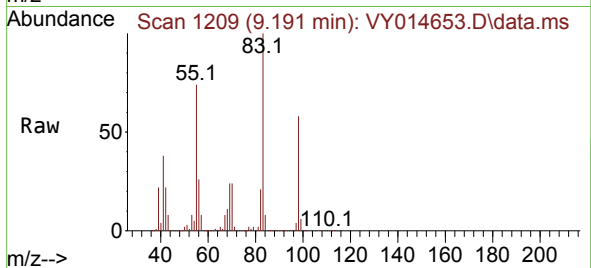
SB-03-(7-9)

Tgt Ion: 63 Resp: 216307

Ion Ratio Lower Upper

63 100

65 223.9 23.8 35.6#



#47

Bromodichloromethane

Concen: 83.476 ug/l

RT: 9.465 min Scan# 1254

Delta R.T. -0.031 min

Lab File: VY014653.D

Acq: 14 Jul 2023 17:27

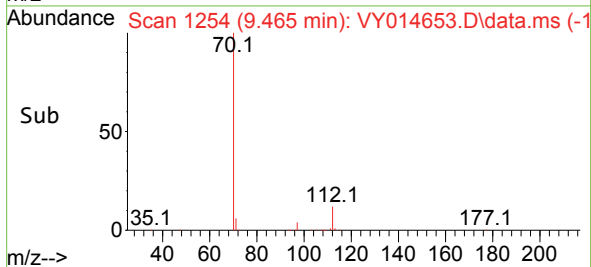
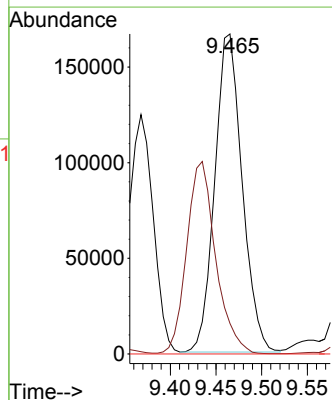
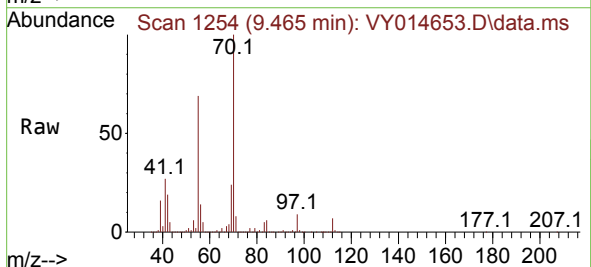
Tgt Ion: 83 Resp: 346905

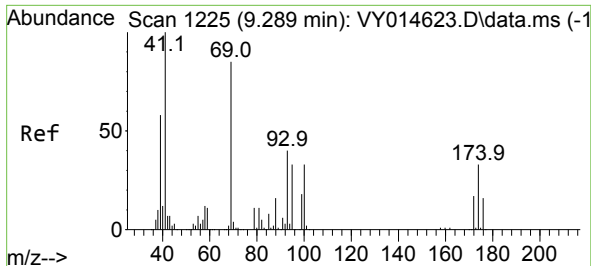
Ion Ratio Lower Upper

83 100

85 9.5 50.1 75.1#

127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 193.574 ug/l

RT: 9.240 min Scan# 11

Delta R.T. -0.049 min

Lab File: VY014653.D

Acq: 14 Jul 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-(7-9)

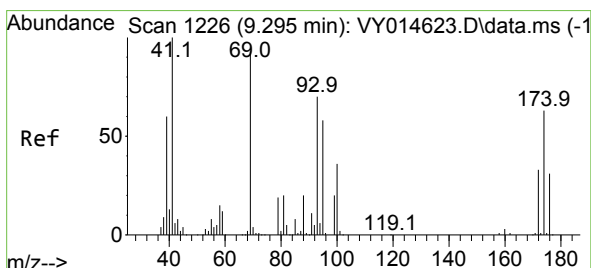
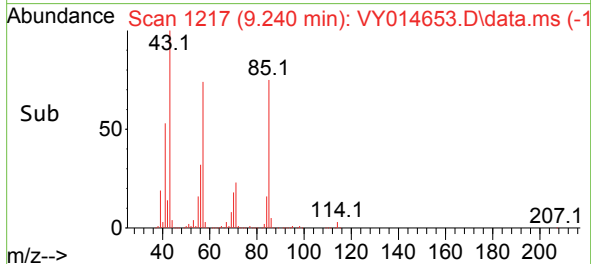
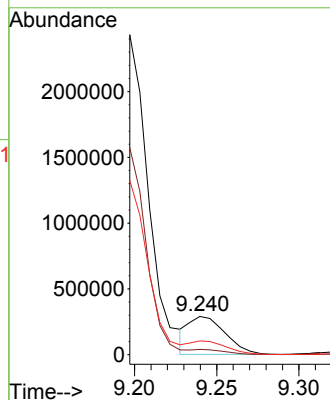
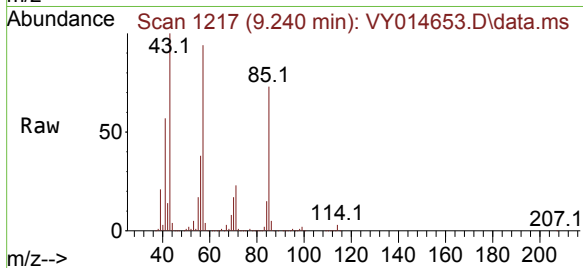
Tgt Ion: 41 Resp: 447090

Ion Ratio Lower Upper

41 100

69 0.0 64.5 96.7#

39 0.0 50.8 76.2#



#49

1,4-Dioxane

Concen: 15.652 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.110 min

Lab File: VY014653.D

Acq: 14 Jul 2023 17:27

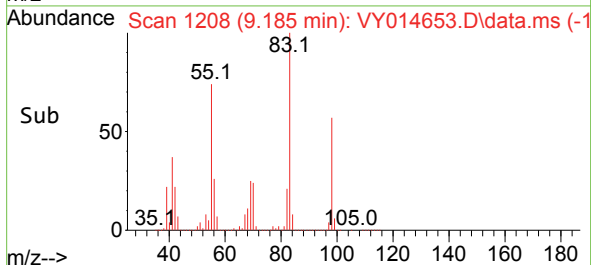
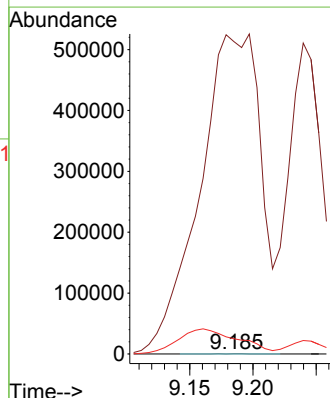
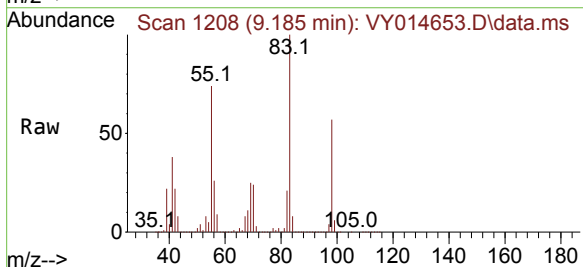
Tgt Ion: 88 Resp: 450

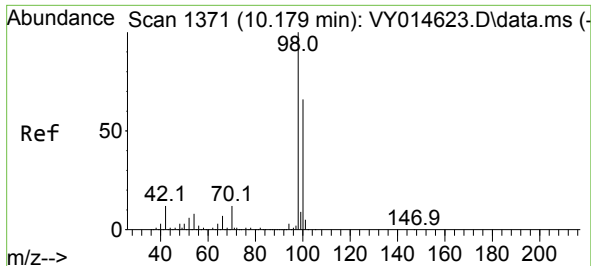
Ion Ratio Lower Upper

88 100

43 391117.6 0.0 0.0#

58 0.0 30.9 46.3#

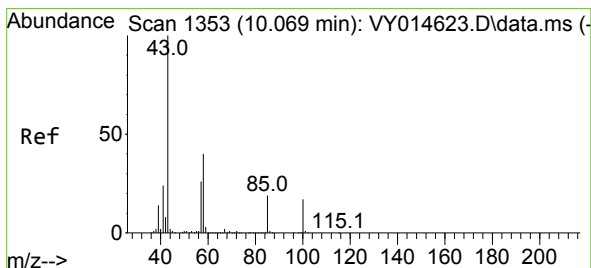
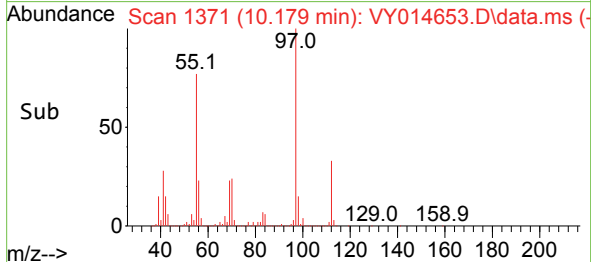
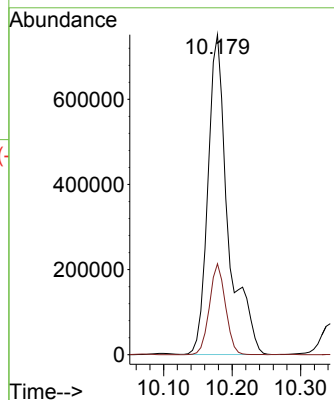
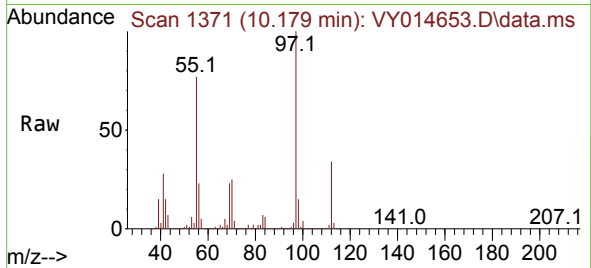




#50
Toluene-d8
Concen: 159.433 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

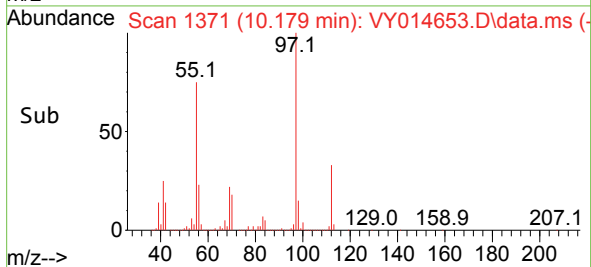
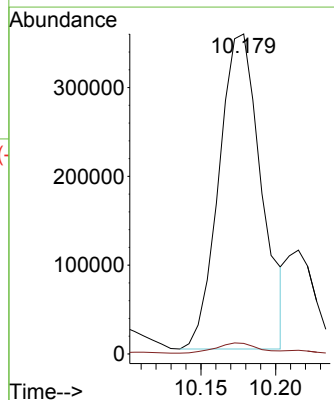
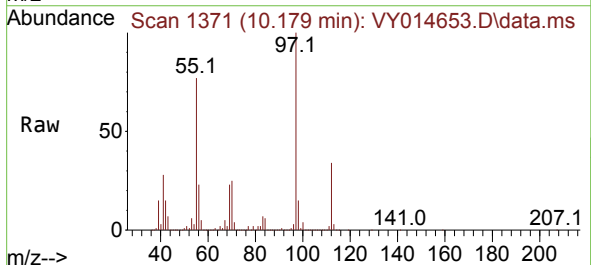
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

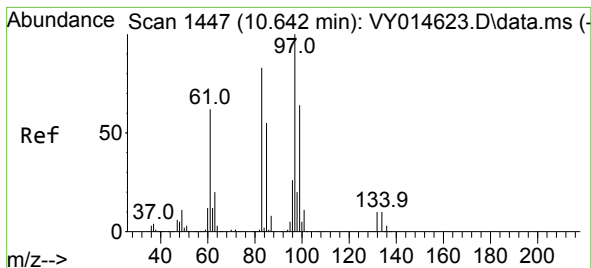
Tgt Ion: 98 Resp: 1538284
Ion Ratio Lower Upper
98 100
100 22.5 50.1 75.1#



#51
4-Methyl-2-Pentanone
Concen: 259.518 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

Tgt Ion: 43 Resp: 699403
Ion Ratio Lower Upper
43 100
58 3.2 29.0 43.6#

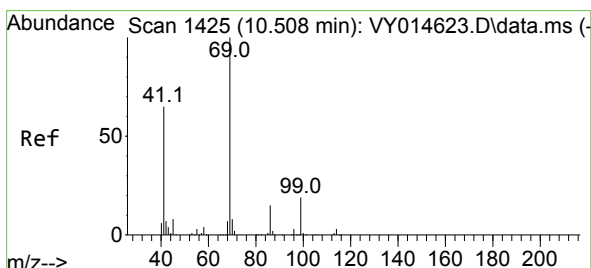
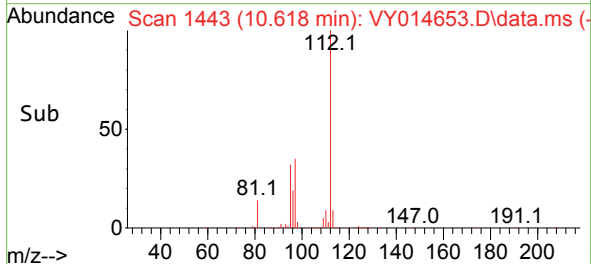
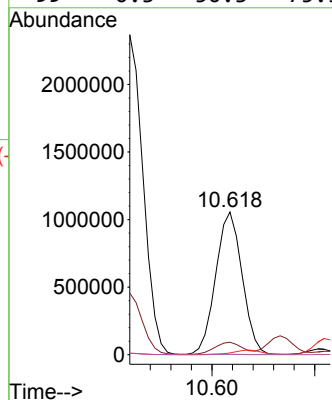
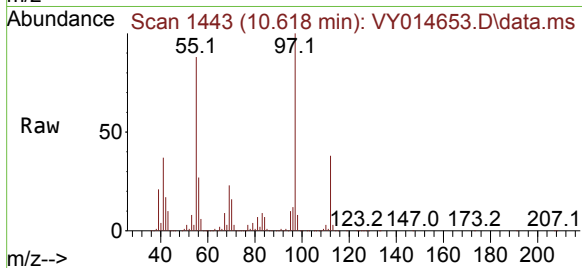




#55
1,1,2-Trichloroethane
Concen: 764.968 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

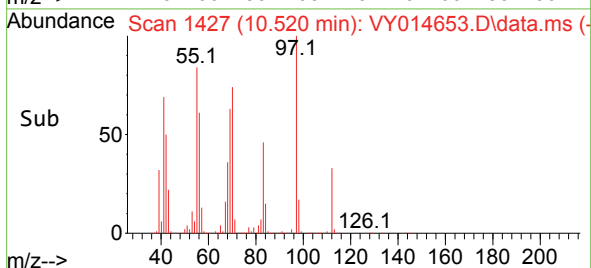
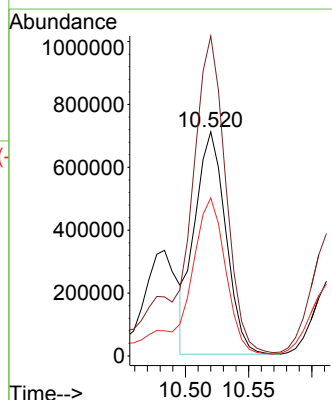
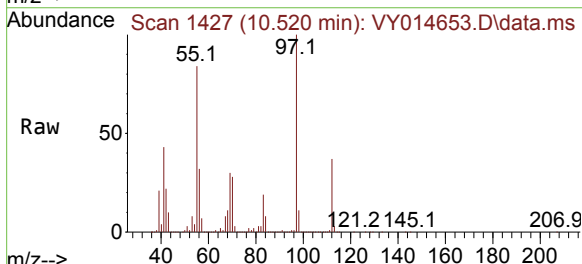
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

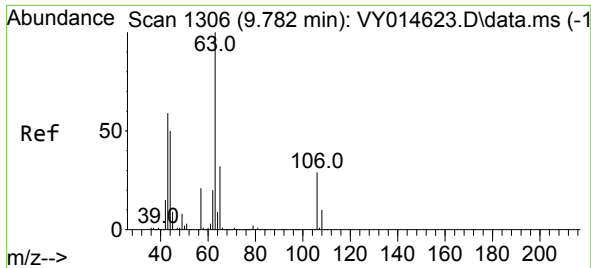
Tgt Ion: 97 Resp: 1878848
Ion Ratio Lower Upper
97 100
83 8.5 72.0 108.0#
85 1.2 45.4 68.0#
99 0.3 50.3 75.5#



#56
Ethyl methacrylate
Concen: 321.837 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

Tgt Ion: 69 Resp: 1206912
Ion Ratio Lower Upper
69 100
41 172.8 57.6 86.4#
39 89.1 34.1 51.1#

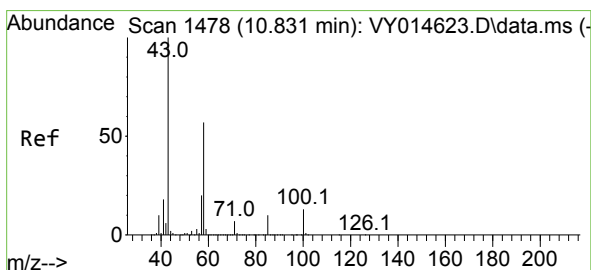
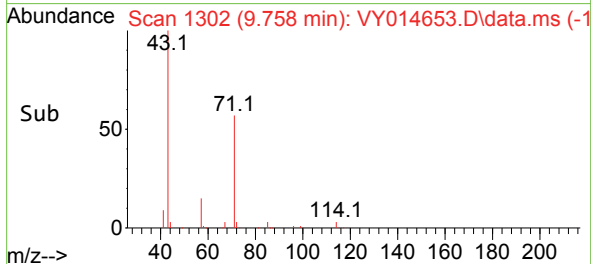
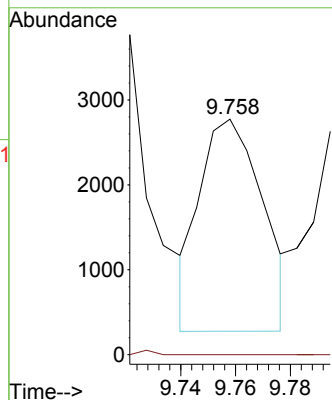
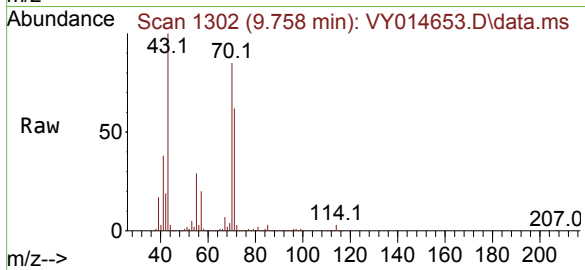




#58
2-Chloroethyl Vinyl ether
Concen: 2.277 ug/l
RT: 9.758 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

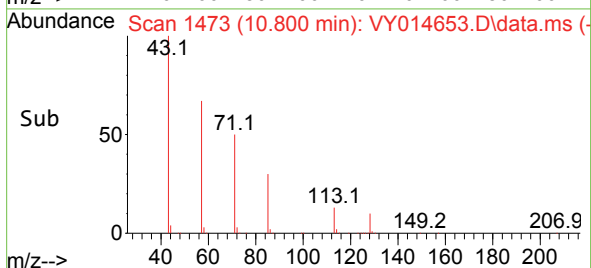
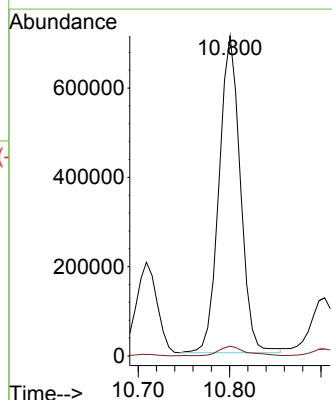
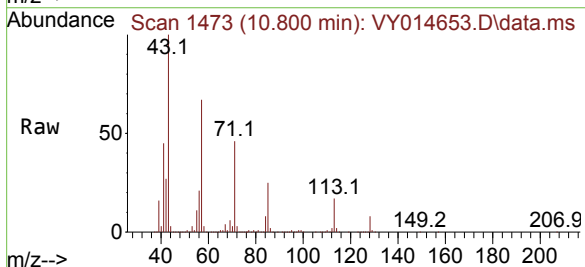
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

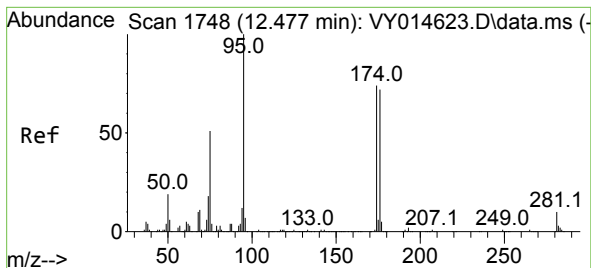
Tgt Ion: 63 Resp: 3978
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#



#59
2-Hexanone
Concen: 586.001 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. -0.031 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

Tgt Ion: 43 Resp: 1151693
Ion Ratio Lower Upper
43 100
58 3.8 25.1 75.3#

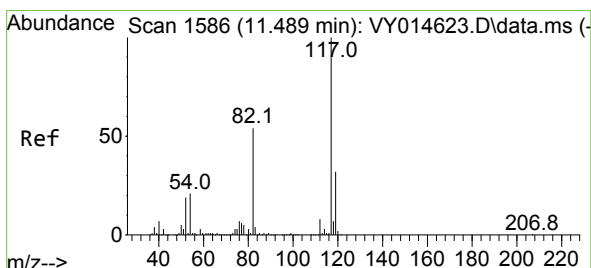
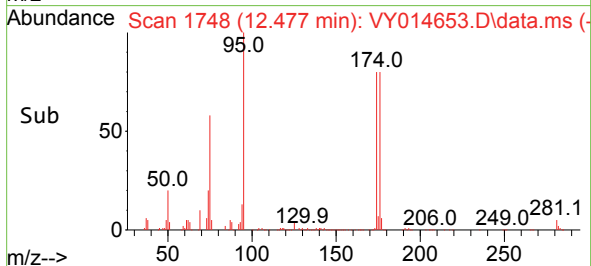
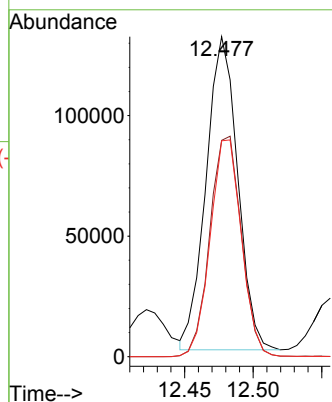
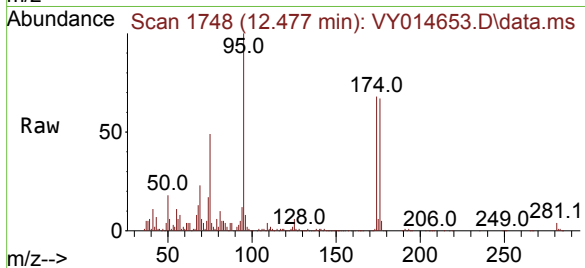




#62
4-Bromofluorobenzene
Concen: 56.360 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

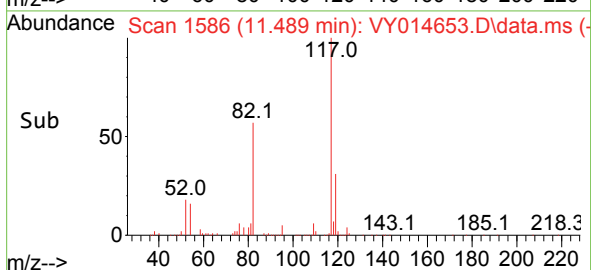
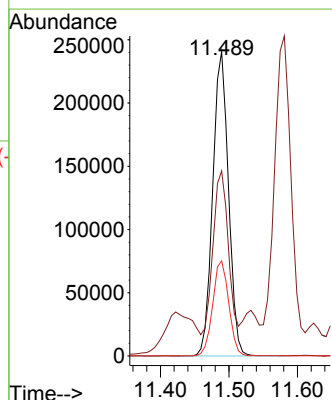
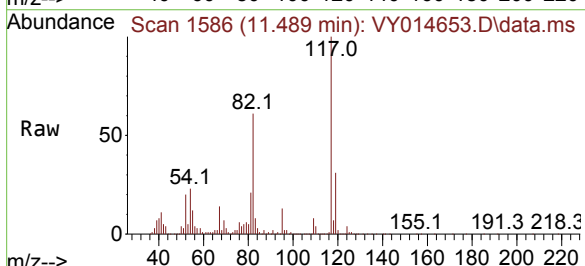
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

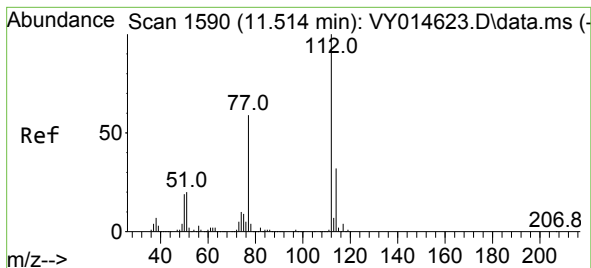
Tgt Ion: 95 Resp: 208507
Ion Ratio Lower Upper
95 100
174 70.3 0.0 178.2
176 68.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

Tgt Ion: 117 Resp: 383427
Ion Ratio Lower Upper
117 100
82 47.2 43.4 65.0
119 31.1 26.3 39.5





#65

Chlorobenzene

Concen: 2.406 ug/l

RT: 11.410 min Scan# 11

Delta R.T. -0.104 min

Lab File: VY014653.D

Acq: 14 Jul 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

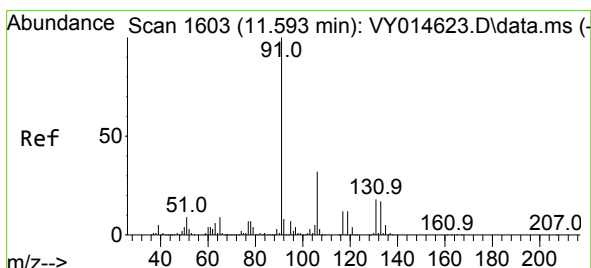
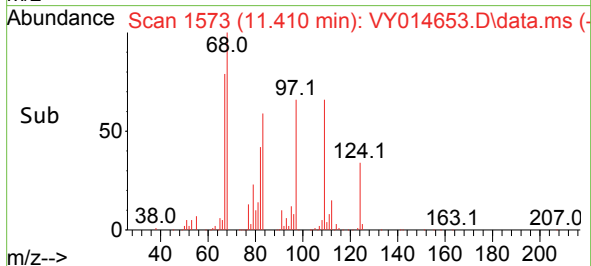
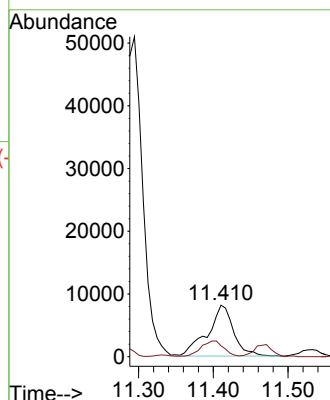
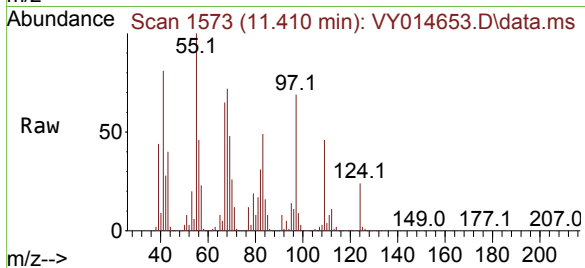
SB-03-(7-9)

Tgt Ion:112 Resp: 19660

Ion Ratio Lower Upper

112 100

114 20.7 25.5 38.3#



#67

Ethyl Benzene

Concen: 9.452 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014653.D

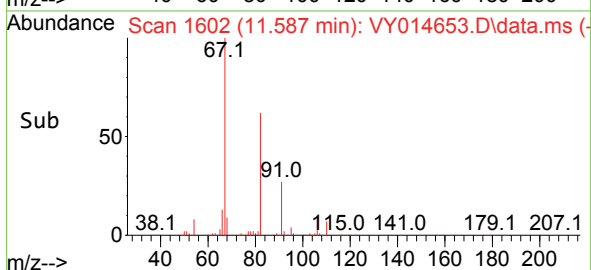
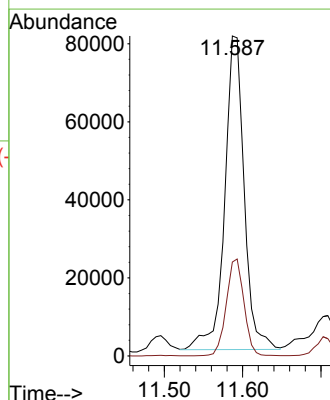
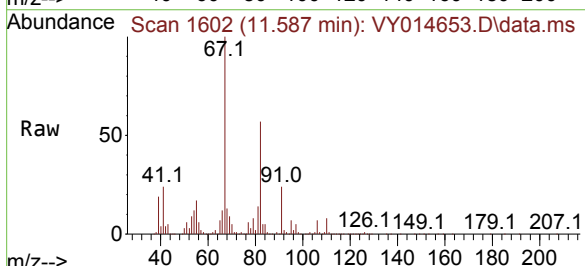
Acq: 14 Jul 2023 17:27

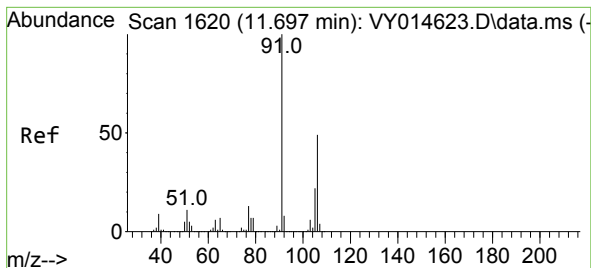
Tgt Ion: 91 Resp: 139445

Ion Ratio Lower Upper

91 100

106 29.9 24.6 36.8





#68

m/p-Xylenes

Concen: 1.312 ug/l

RT: 11.703 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014653.D

Acq: 14 Jul 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

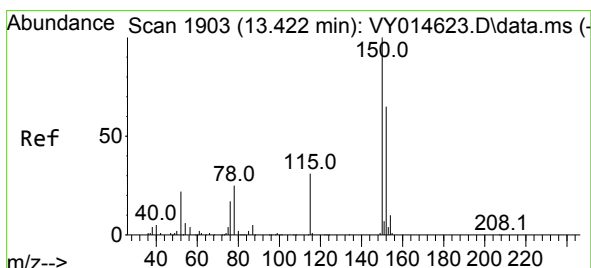
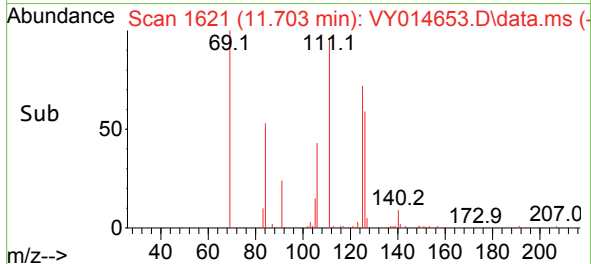
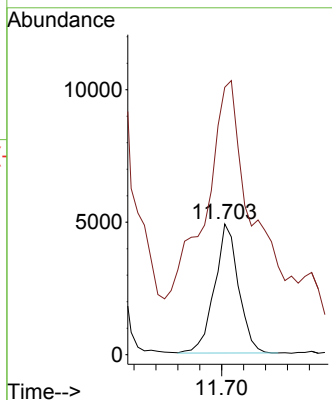
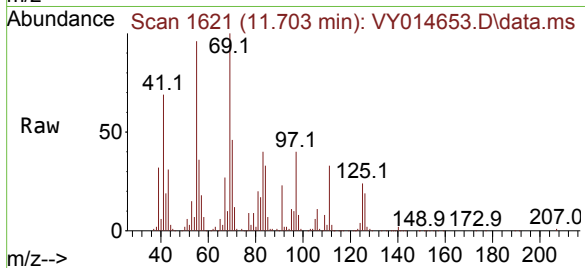
SB-03-(7-9)

Tgt Ion:106 Resp: 7386

Ion Ratio Lower Upper

106 100

91 305.8 166.1 249.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY014653.D

Acq: 14 Jul 2023 17:27

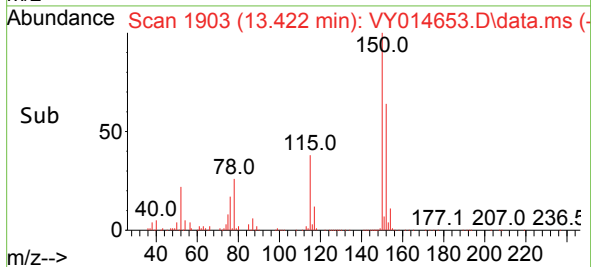
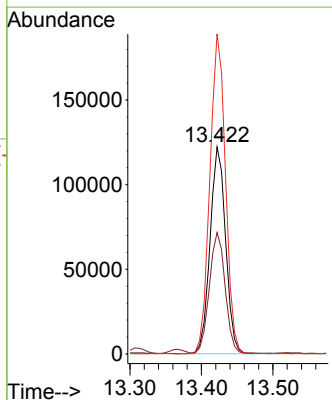
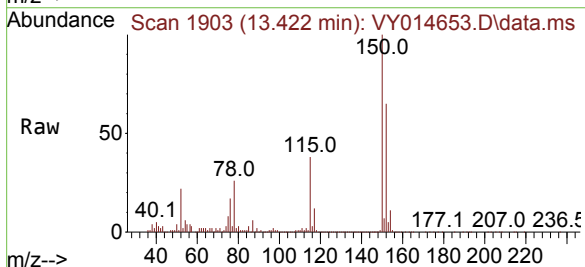
Tgt Ion:152 Resp: 184857

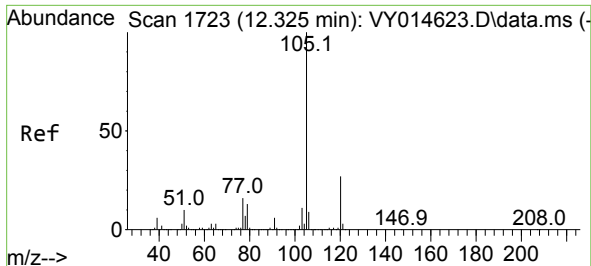
Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 155.0 0.0 348.8

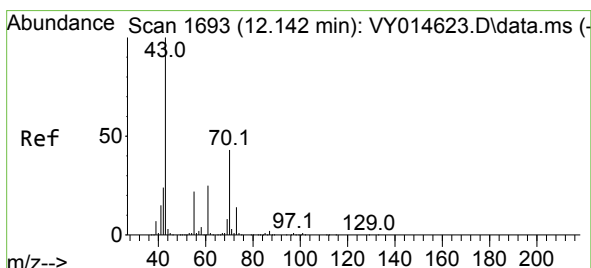
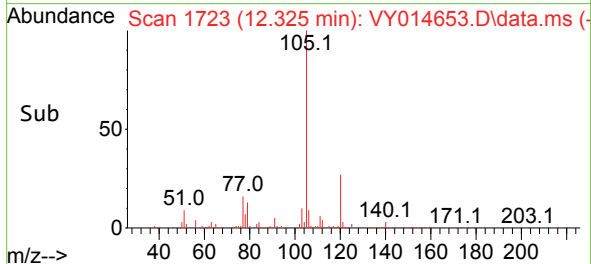
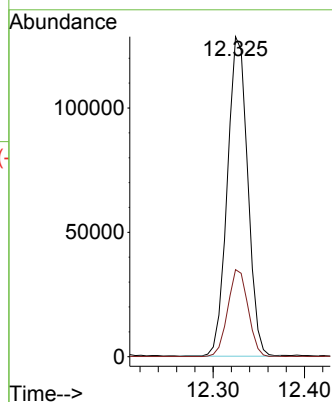
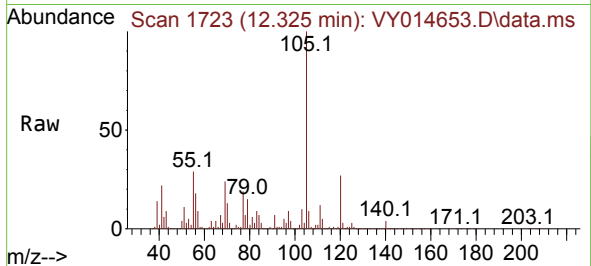




#73
Isopropylbenzene
Concen: 13.751 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

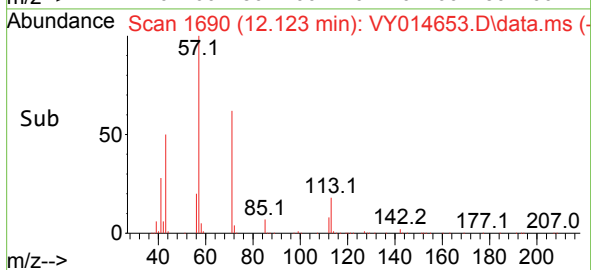
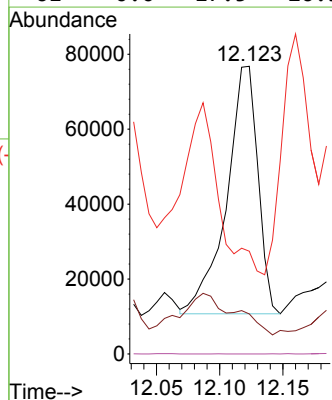
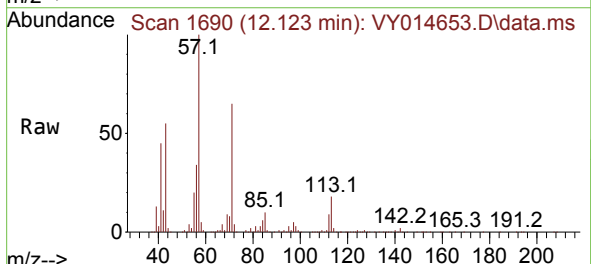
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

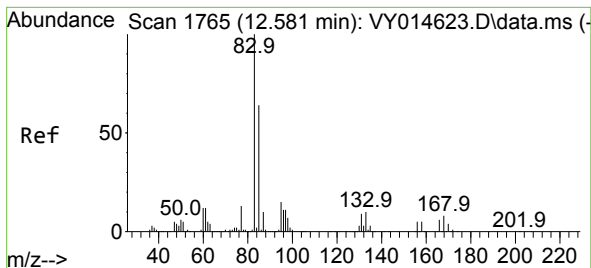
Tgt Ion:105 Resp: 199040
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9



#74
N-ethyl acetate
Concen: 23.558 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.019 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

Tgt Ion: 43 Resp: 114202
Ion Ratio Lower Upper
43 100
70 0.0 29.7 44.5#
55 0.0 18.3 27.5#
61 0.0 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 4.695 ug/l

RT: 12.550 min Scan# 1760

Delta R.T. -0.031 min

Lab File: VY014653.D

Acq: 14 Jul 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-(7-9)

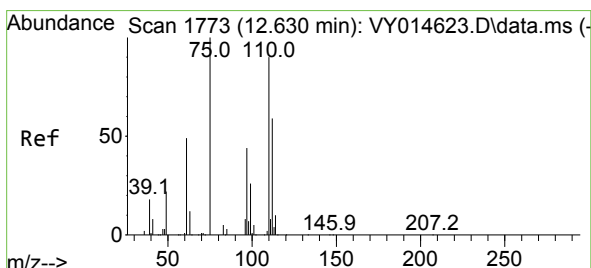
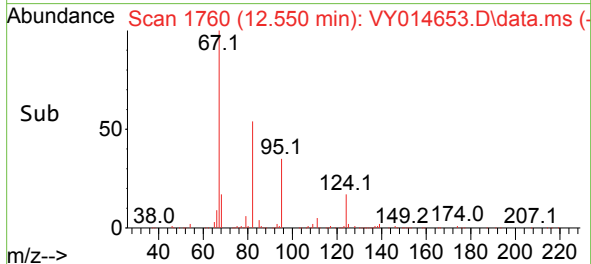
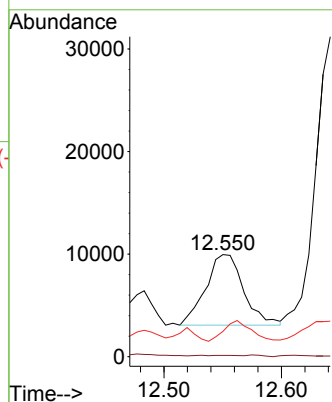
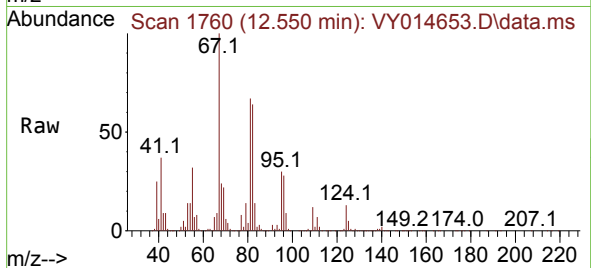
Tgt Ion: 83 Resp: 15497

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 0.0 31.8 95.4#



#76

1,2,3-Trichloropropane

Concen: 42.191 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014653.D

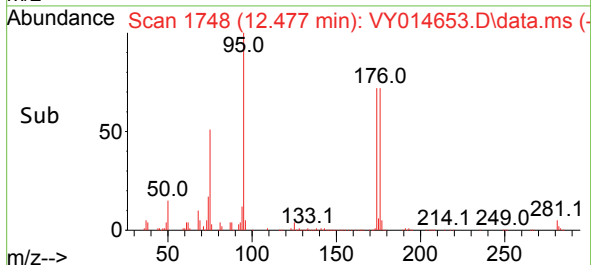
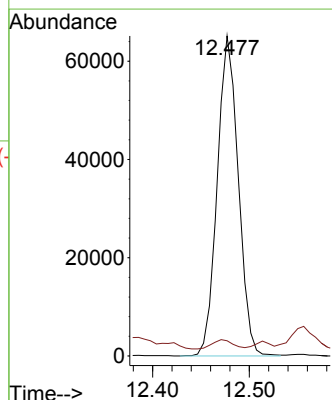
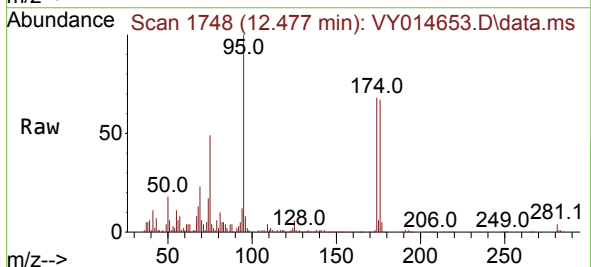
Acq: 14 Jul 2023 17:27

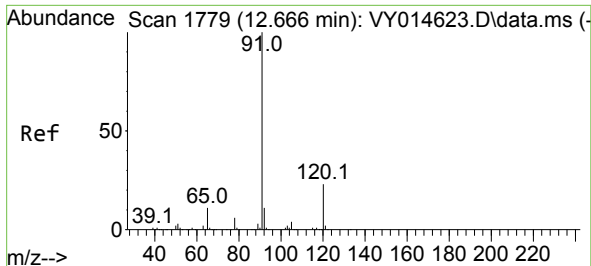
Tgt Ion: 75 Resp: 98504

Ion Ratio Lower Upper

75 100

77 2.8 0.0 0.0#

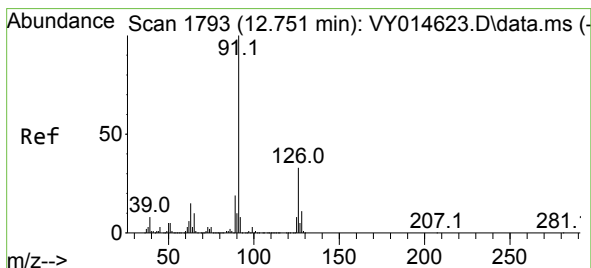
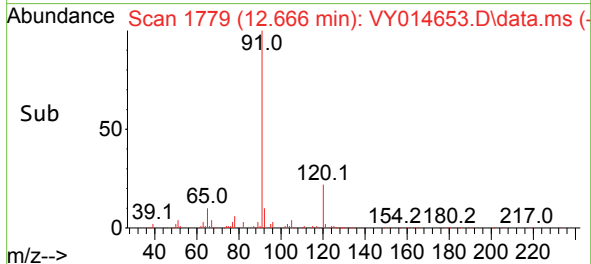
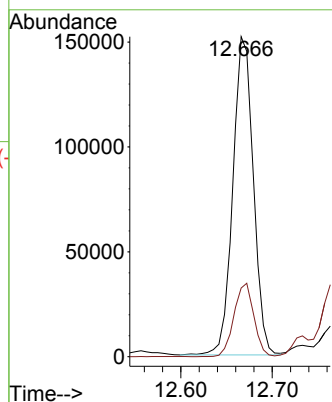
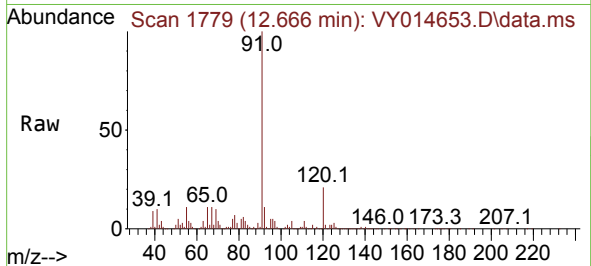




#78
n-propylbenzene
Concen: 13.546 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

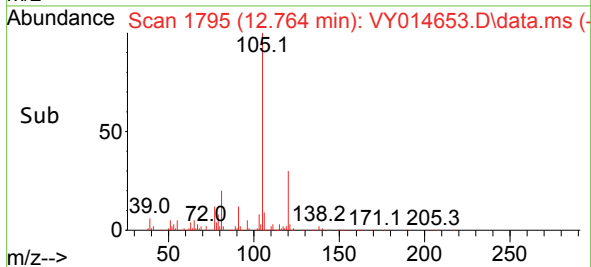
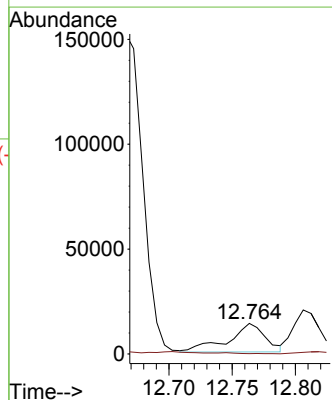
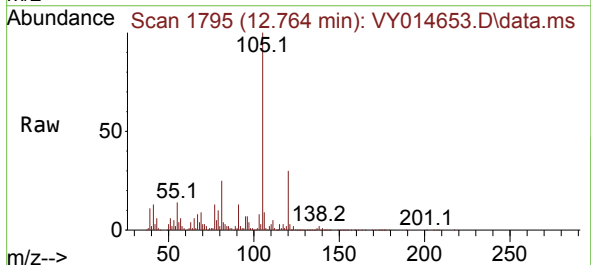
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

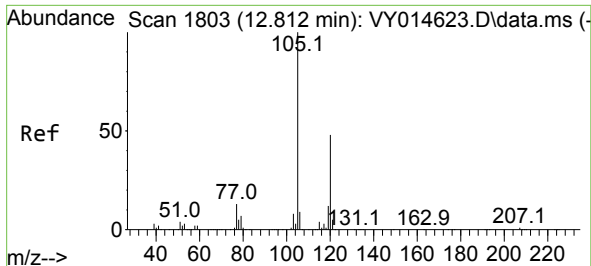
Tgt Ion: 91 Resp: 236263
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4



#79
2-Chlorotoluene
Concen: 2.766 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.013 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

Tgt Ion: 91 Resp: 27791
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.7#

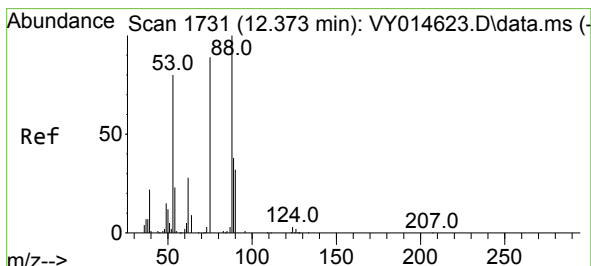
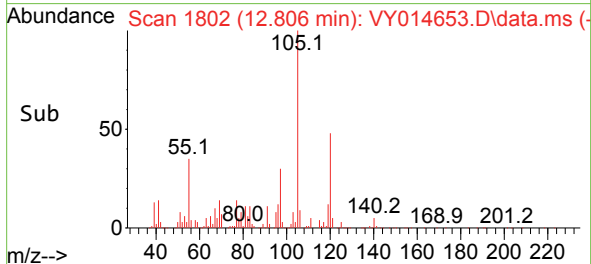
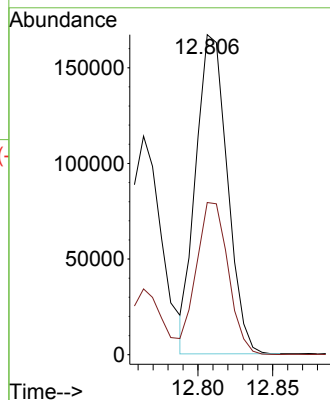
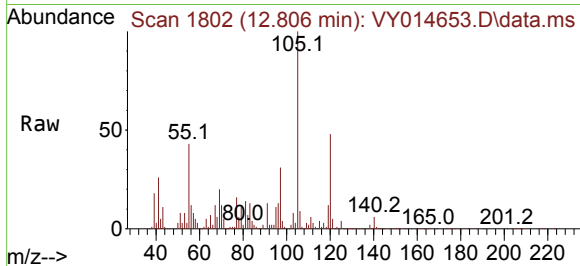




#80
1,3,5-Trimethylbenzene
Concen: 20.183 ug/l
RT: 12.806 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

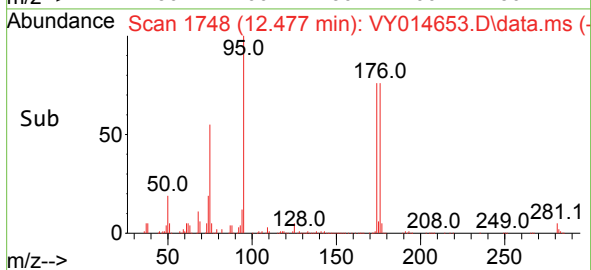
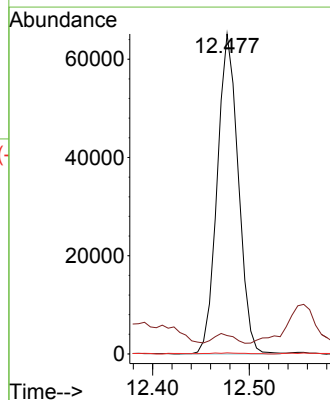
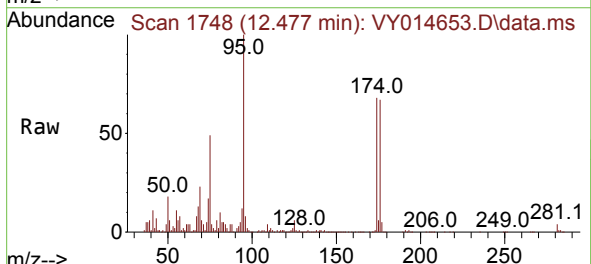
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

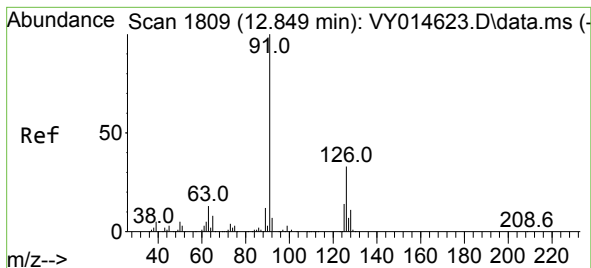
Tgt Ion:105 Resp: 243974
Ion Ratio Lower Upper
105 100
120 48.2 23.9 71.7



#81
trans-1,4-Dichloro-2-butene
Concen: 81.690 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

Tgt Ion: 75 Resp: 98504
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.5 37.4 56.0#





#82

4-Chlorotoluene

Concen: 2.764 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.043 min

Lab File: VY014653.D

Acq: 14 Jul 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

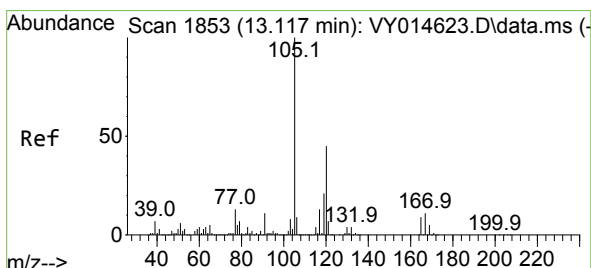
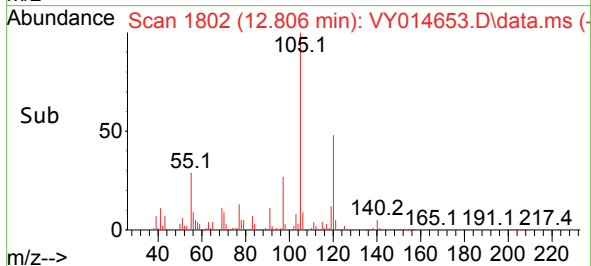
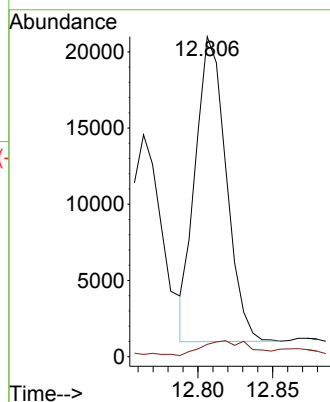
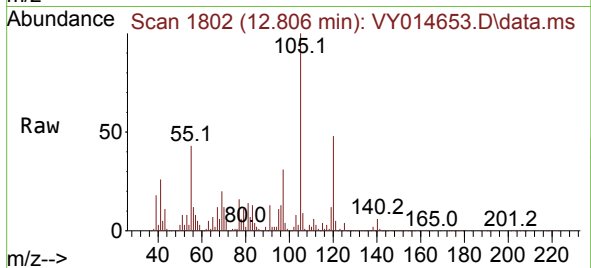
SB-03-(7-9)

Tgt Ion: 91 Resp: 28597

Ion Ratio Lower Upper

91 100

126 7.6 17.2 51.6#



#84

1,2,4-Trimethylbenzene

Concen: 1.535 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014653.D

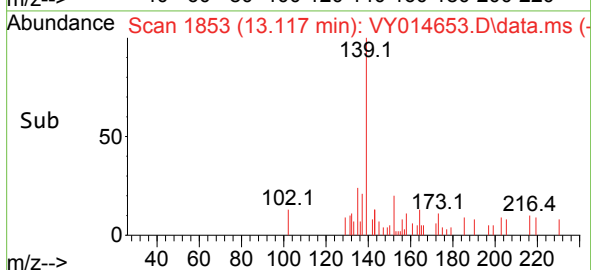
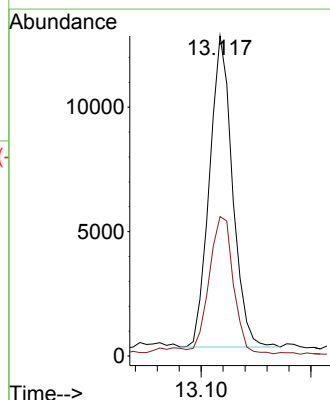
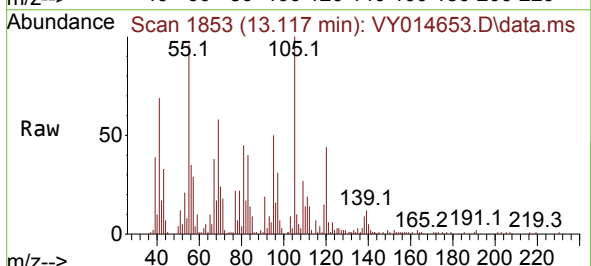
Acq: 14 Jul 2023 17:27

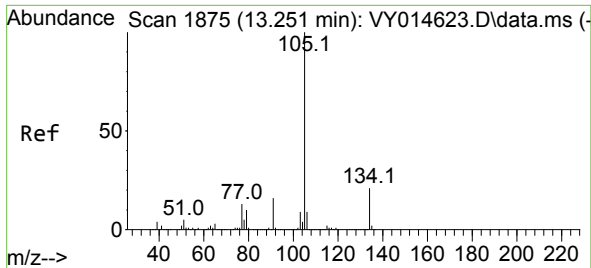
Tgt Ion:105 Resp: 18214

Ion Ratio Lower Upper

105 100

120 46.4 22.2 66.6

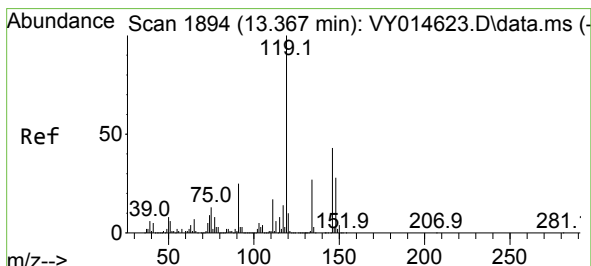
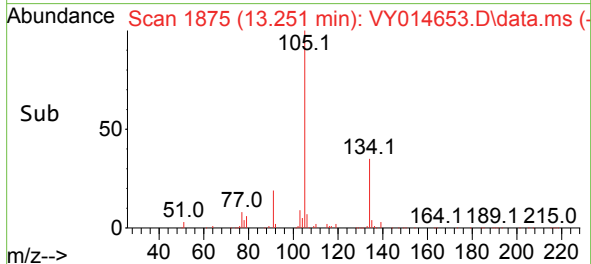
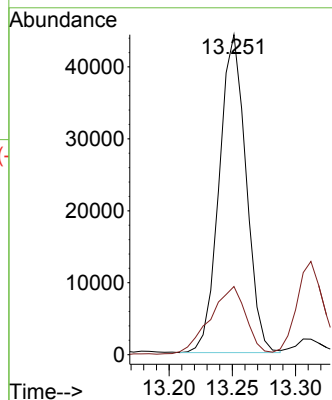
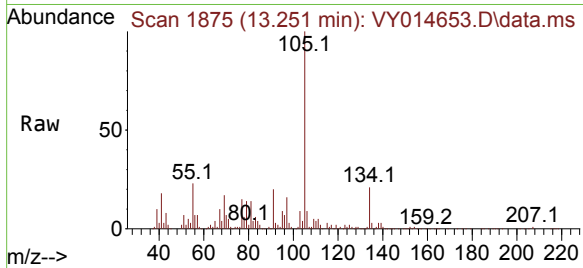




#85
 sec-Butylbenzene
 Concen: 4.151 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY014653.D
 Acq: 14 Jul 2023 17:27

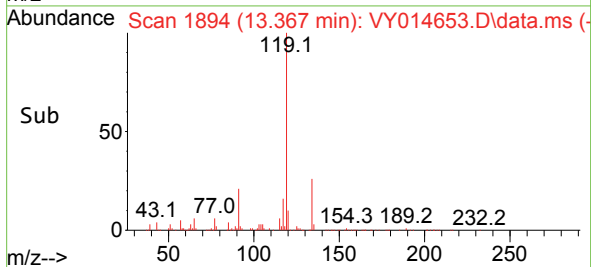
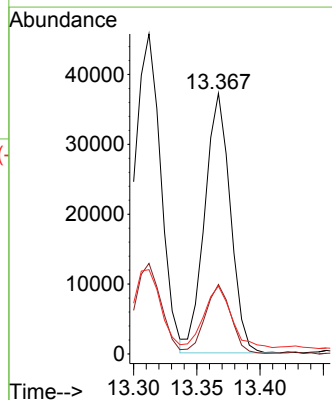
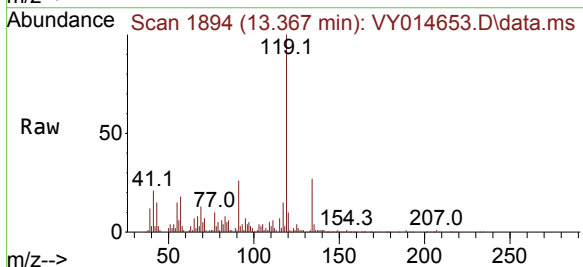
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-(7-9)

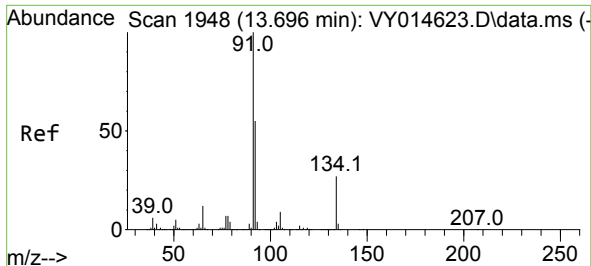
Tgt Ion:105 Resp: 65294
 Ion Ratio Lower Upper
 105 100
 134 28.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 4.079 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY014653.D
 Acq: 14 Jul 2023 17:27

Tgt Ion:119 Resp: 52383
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 24.8 12.4 37.4

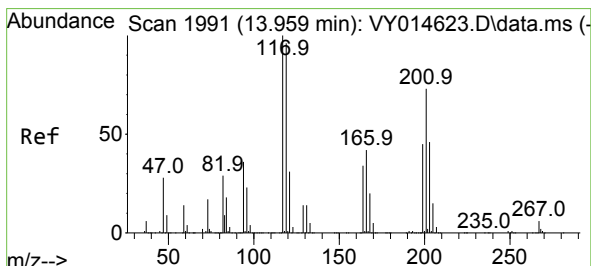
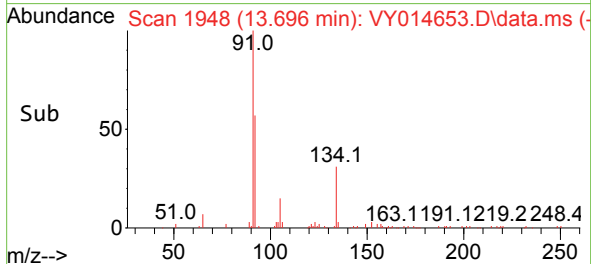
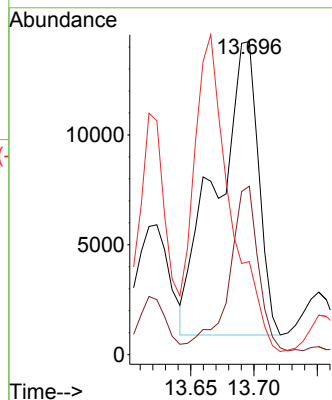
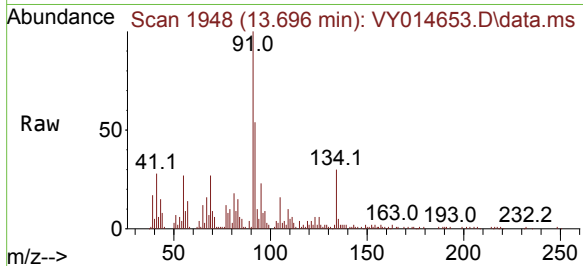




#89
n-Butylbenzene
Concen: 2.475 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

Tgt Ion: 91 Resp: 30928
Ion Ratio Lower Upper
91 100
92 39.2 25.4 76.0
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 1.183 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY014653.D
Acq: 14 Jul 2023 17:27

Tgt Ion: 117 Resp: 3120
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#

