

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014993.D
 Acq On : 08 Aug 2023 18:21
 Operator : SY/MD
 Sample : 03903-10
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-10

Quant Time: Aug 09 01:04:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	229931	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.697	114	456809	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	455580	50.000	ug/l	# 0.02
72) 1,4-Dichlorobenzene-d4	13.544	152	207405	50.000	ug/l	0.12
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	191499	68.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.440%	
35) Dibromofluoromethane	7.716	113	147791	50.593	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.180%	
50) Toluene-d8	10.228	98	8096484	728.182	ug/l	0.05
Spiked Amount	50.000	Range	58 - 134	Recovery	= 1456.360%#	
62) 4-Bromofluorobenzene	12.495	95	6168570	1565.351	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	= 3130.700%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	89	Below Cal	#	43
5) Bromomethane	2.656	94	608	Below Cal	#	80
11) Tert butyl alcohol	4.948	59	8156	12.126	ug/l	# 89
13) Acrolein	3.942	56	35724	156.134	ug/l	# 72
15) Acrylonitrile	5.247	53	271922	342.325	ug/l	# 40
16) Acetone	3.948	43	175196	201.602	ug/l	# 87
17) Carbon Disulfide	4.192	76	50500	12.568	ug/l	99
20) Methylene Chloride	4.704	84	33773	Below Cal	#	6
25) 2-Butanone	6.990	43	928170	745.700	ug/l	# 53
29) Tetrahydrofuran	7.368	42	9298	12.738	ug/l	# 35
30) Chloroform	7.478	83	645542	148.618	ug/l	# 23
31) Cyclohexane	7.789	56	15648217	5834.269	ug/l	# 49
36) 1,1-Dichloropropene	8.045	75	7978	2.200	ug/l	# 41
37) Ethyl Acetate	6.990	43	928170	322.420	ug/l	# 74
38) Carbon Tetrachloride	7.789	117	24794	6.081	ug/l	# 15
39) Methylcyclohexane	9.209	83	51141200	11857.642	ug/l	# 91
40) Benzene	8.075	78	64619	6.051	ug/l	# 1
41) Methacrylonitrile	7.368	41	115138	82.301	ug/l	# 46
42) 1,2-Dichloroethane	8.295	62	126946	34.150	ug/l	# 1
43) Isopropyl Acetate	8.283	43	14782906	2763.942	ug/l	# 55
44) Trichloroethene	8.947	130	9764	3.186	ug/l	2
45) 1,2-Dichloropropane	9.197	63	989747	348.724	ug/l	# 1
46) Dibromomethane	9.295	93	214271	117.193	ug/l	# 1
47) Bromodichloromethane	9.545	83	8542298	2028.886	ug/l	# 55
48) Methyl methacrylate	9.392	41	2993223	1275.519	ug/l	# 1
49) 1,4-Dioxane	9.313	88	313	9.204	ug/l	# 1
52) Toluene	10.221	92	9229	1.343	ug/l	# 1
53) t-1,3-Dichloropropene	10.441	75	18683	4.261	ug/l	# 1
54) cis-1,3-Dichloropropene	9.953	75	6041	1.275	ug/l	# 1
55) 1,1,2-Trichloroethane	10.545	97	3193522	1201.769	ug/l	# 15
56) Ethyl methacrylate	10.520	69	5762339	1514.398	ug/l	# 21
57) 1,3-Dichloropropane	10.922	76	26686	6.070	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.825	63	111963	62.231	ug/l	# 49
59) 2-Hexanone	10.849	43	61084580	27434.701	ug/l	# 31
60) Dibromochloromethane	10.977	129	258087	81.568	ug/l	# 11
61) 1,2-Dibromoethane	11.124	107	89837	35.419	ug/l	# 1

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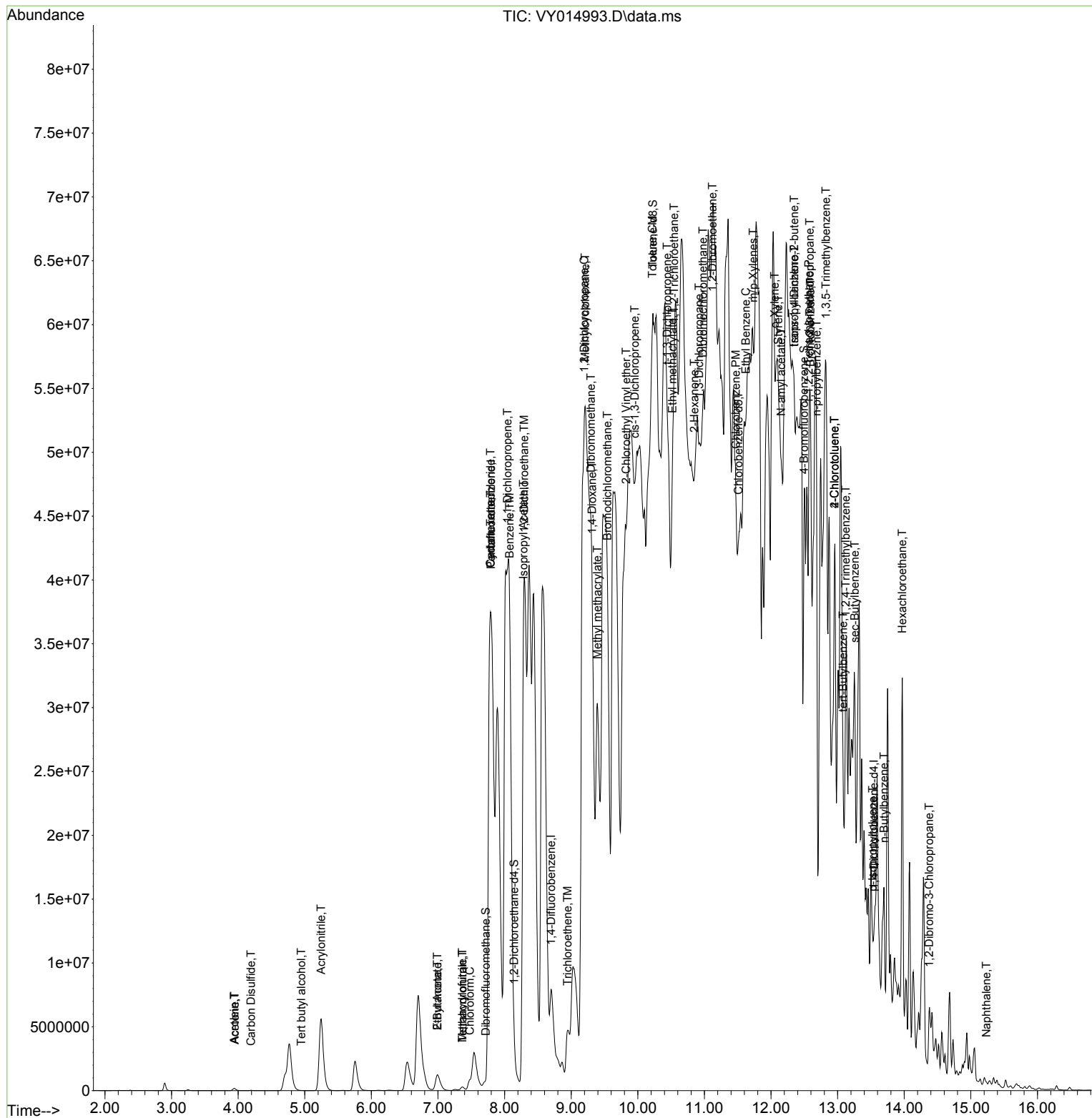
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Chlorobenzene	11.471	112	762776	88.236	ug/l #	44
67) Ethyl Benzene	11.624	91	1510464	99.561	ug/l	100
68) m/p-Xylenes	11.733	106	1050631	181.027	ug/l	96
69) o-Xylene	12.056	106	18136	3.194	ug/l #	1
70) Styrene	12.111	104	15158	1.562	ug/l #	1
73) Isopropylbenzene	12.349	105	3580633	256.821	ug/l	99
74) N-amyl acetate	12.154	43	7579885	1591.248	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.569	83	1561482	458.296	ug/l #	26
76) 1,2,3-Trichloropropane	12.581	75	14967	6.022	ug/l #	100
77) Bromobenzene	12.593	156	19177	5.671	ug/l #	1
78) n-propylbenzene	12.684	91	8542055	512.252	ug/l	97
79) 2-Chlorotoluene	12.953	91	615972	64.814	ug/l	93
80) 1,3,5-Trimethylbenzene	12.825	105	1985623	172.824	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.349	75	63780	56.538	ug/l #	1
82) 4-Chlorotoluene	12.953	91	615972	62.696	ug/l	93
83) tert-Butylbenzene	13.081	119	1092099	103.907	ug/l	78
84) 1,2,4-Trimethylbenzene	13.123	105	8413543	730.906	ug/l	95
85) sec-Butylbenzene	13.257	105	6626676	429.587	ug/l #	35
86) p-Isopropyltoluene	13.526	119	1317553	103.186	ug/l	90
89) n-Butylbenzene	13.696	91	4785493	398.886	ug/l #	84
90) Hexachloroethane	13.971	117	1346322	542.959	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.373	75	9836	14.785	ug/l #	17
95) Naphthalene	15.233	128	154229	16.767	ug/l #	85

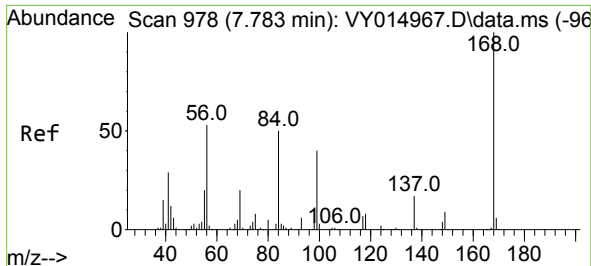
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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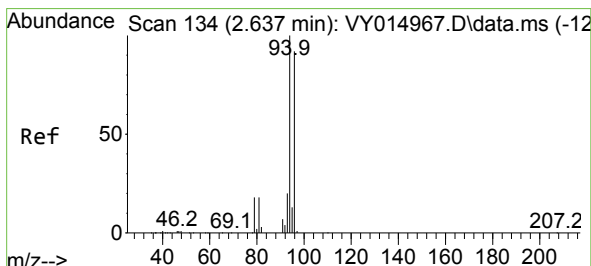
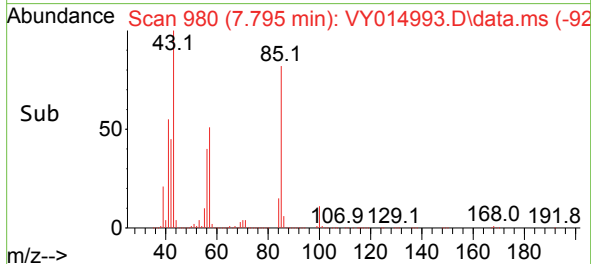
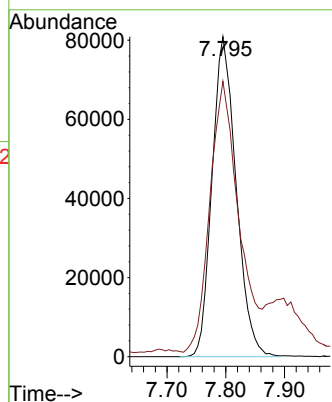
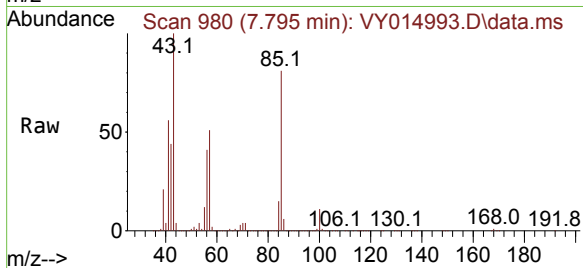




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014993.D
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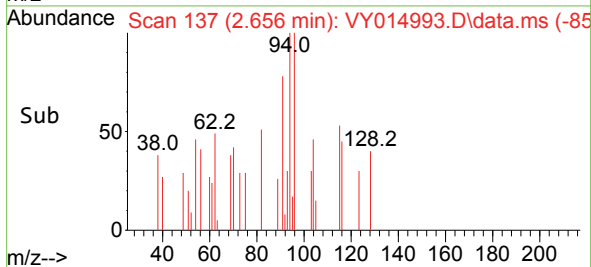
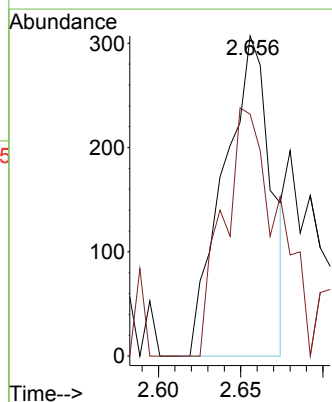
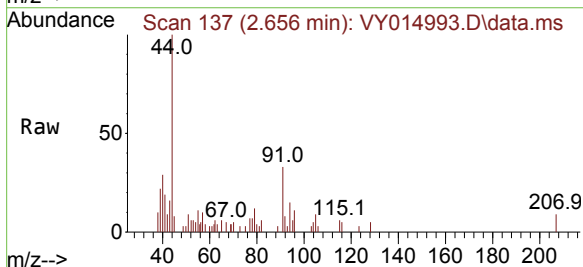
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MSVOA_Y
ClientSampleId :
MW-10

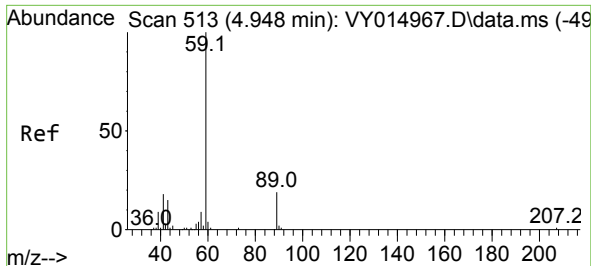
Tgt Ion:168 Resp: 229931
Ion Ratio Lower Upper
168 100
99 84.5 43.4 65.0#



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.019 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion: 94 Resp: 608
Ion Ratio Lower Upper
94 100
96 75.6 75.8 113.6#

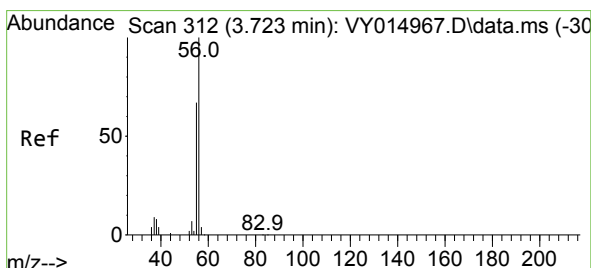
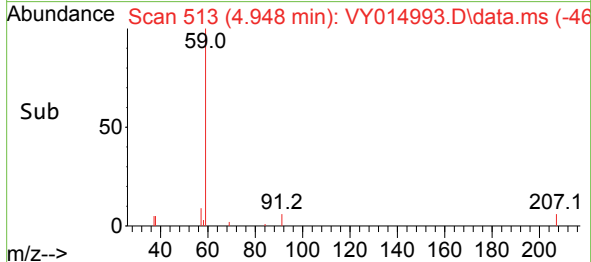
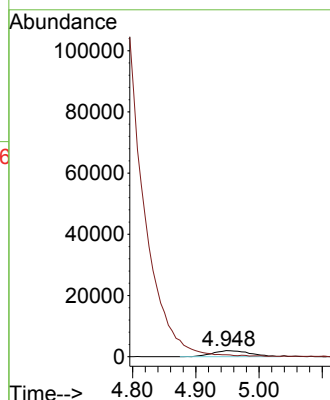
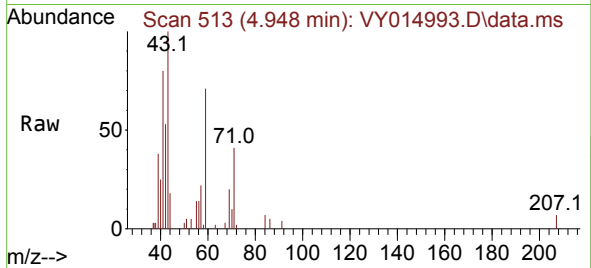




#11
Tert butyl alcohol
Concen: 12.126 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY014993.D
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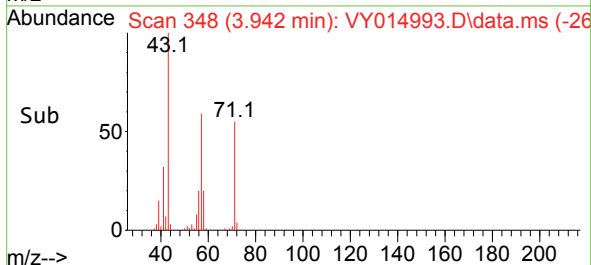
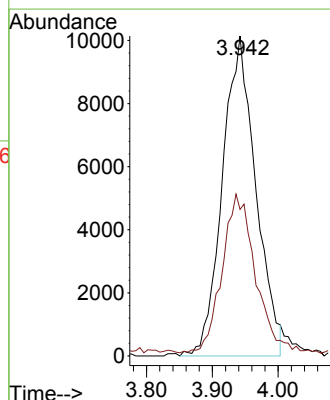
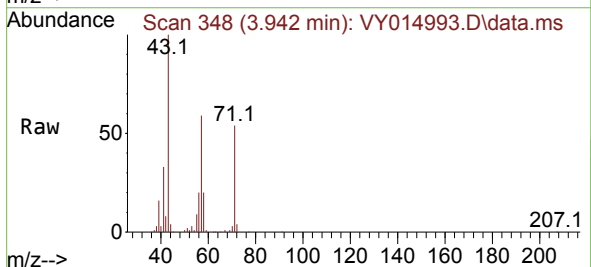
Instrument :
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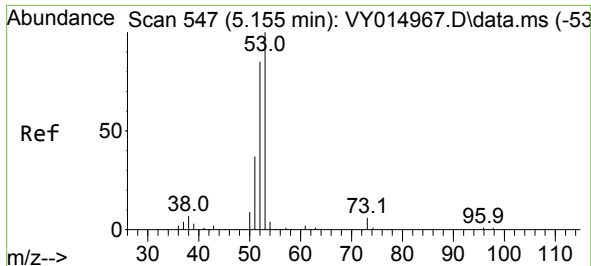
Tgt Ion: 59 Resp: 8156
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#13
Acrolein
Concen: 156.134 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.220 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion: 56 Resp: 35724
Ion Ratio Lower Upper
56 100
55 47.8 57.0 85.4#

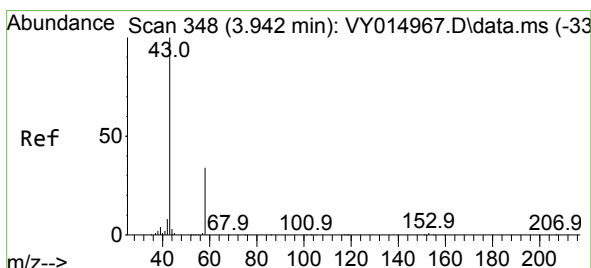
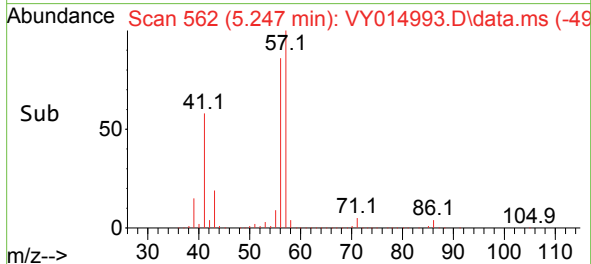
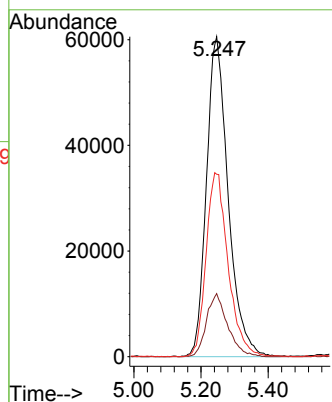
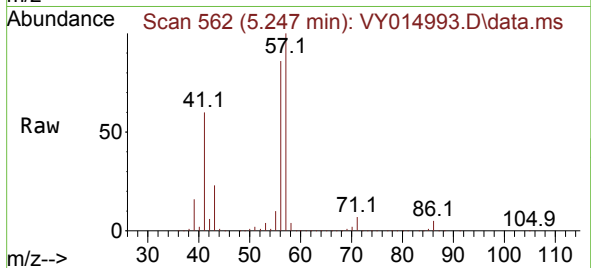




#15
Acrylonitrile
Concen: 342.325 ug/l
RT: 5.247 min Scan# 50
Delta R.T. 0.092 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

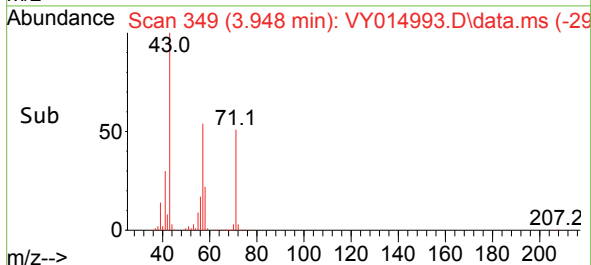
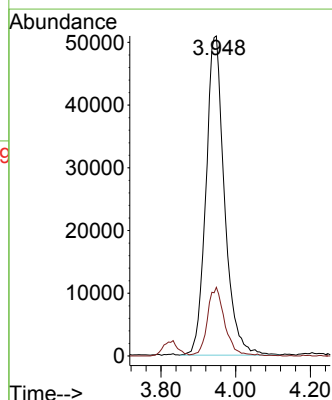
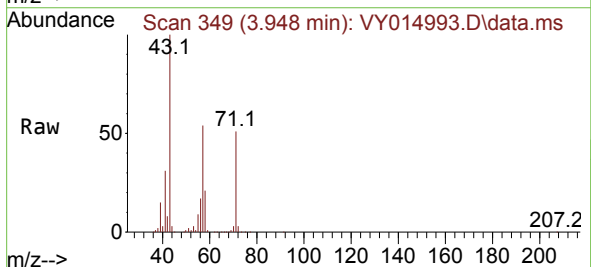
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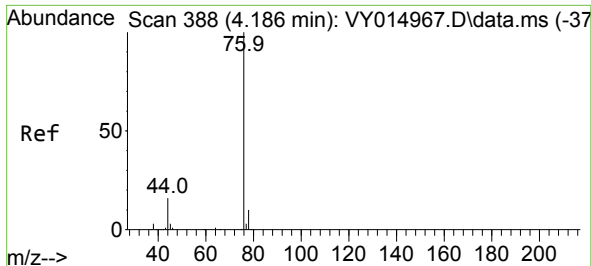
Tgt Ion: 53 Resp: 271922
Ion Ratio Lower Upper
53 100
52 19.3 66.9 100.3#
51 58.5 29.8 44.6#



#16
Acetone
Concen: 201.602 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion: 43 Resp: 175196
Ion Ratio Lower Upper
43 100
58 21.3 22.7 34.1#

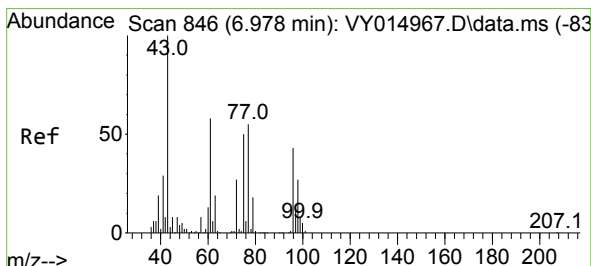
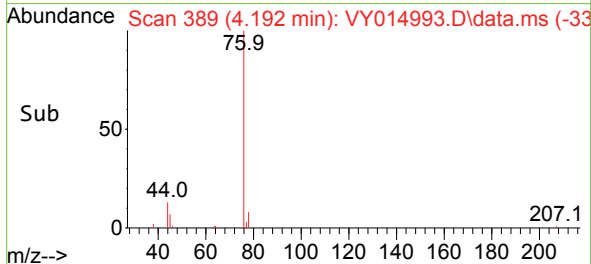
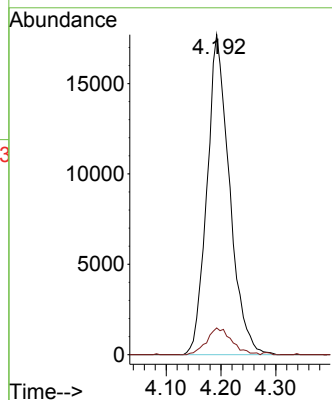
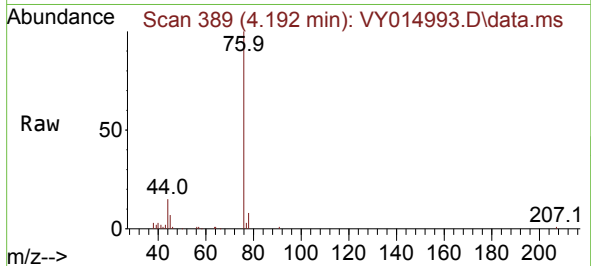




#17
Carbon Disulfide
Concen: 12.568 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

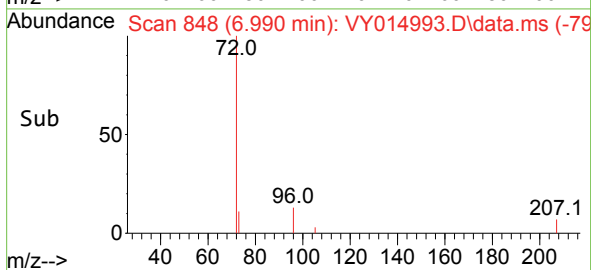
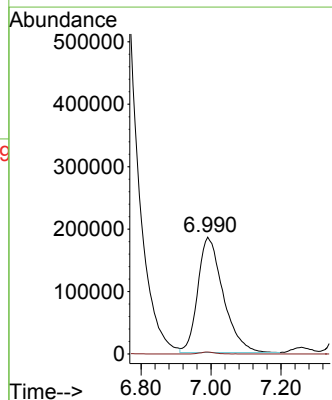
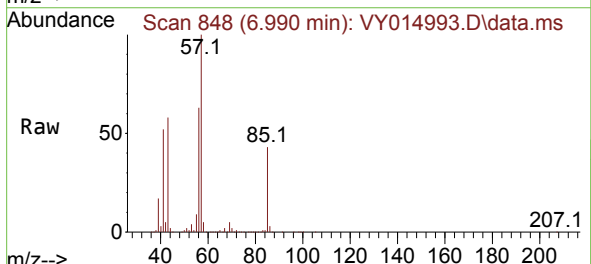
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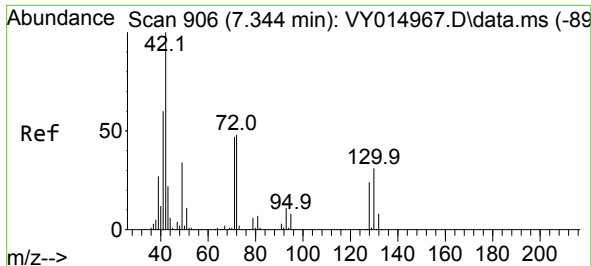
Tgt Ion: 76 Resp: 50500
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4



#25
2-Butanone
Concen: 745.700 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion: 43 Resp: 928170
Ion Ratio Lower Upper
43 100
72 1.6 20.5 30.7#





#29

Tetrahydrofuran

Concen: 12.738 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.024 min

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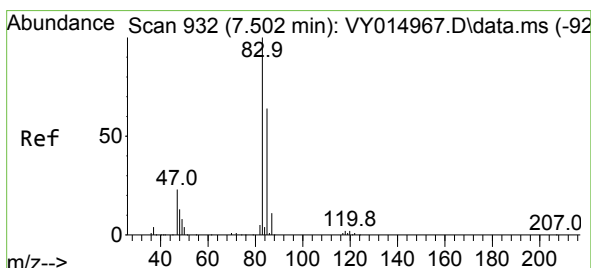
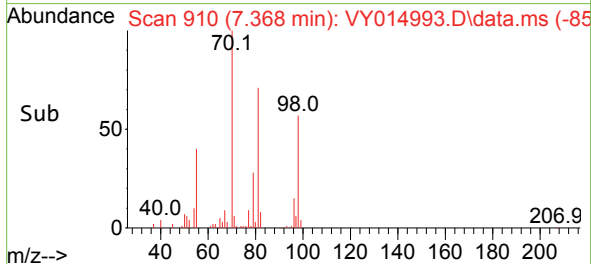
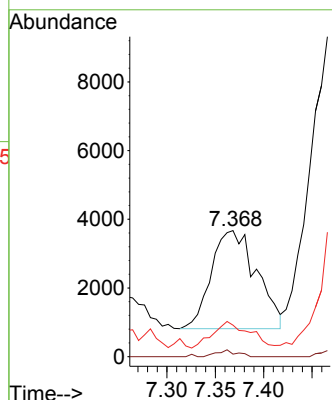
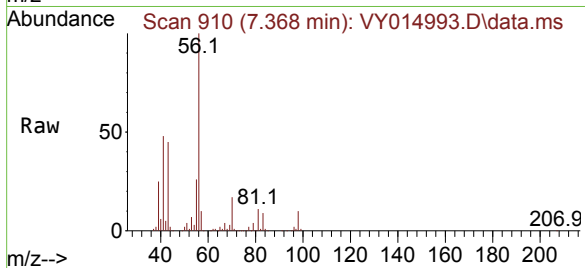
Tgt Ion: 42 Resp: 9298

Ion Ratio Lower Upper

42 100

72 0.0 32.8 49.2#

71 0.0 31.0 46.4#



#30

Chloroform

Concen: 148.618 ug/l

RT: 7.478 min Scan# 928

Delta R.T. -0.024 min

Lab File: VY014993.D

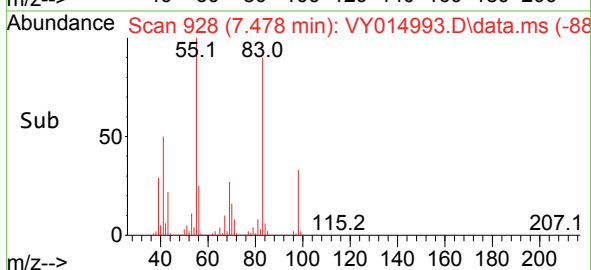
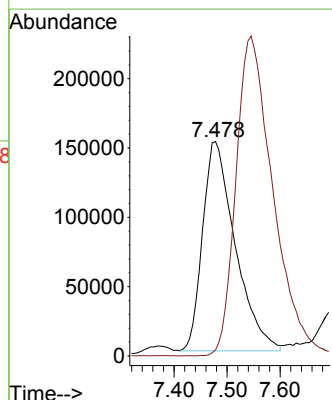
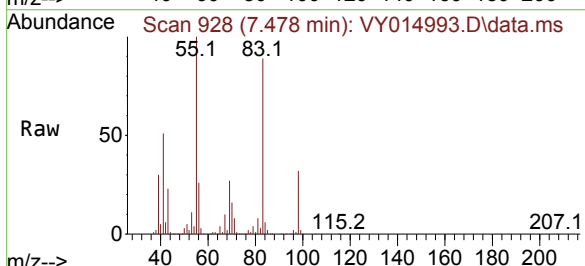
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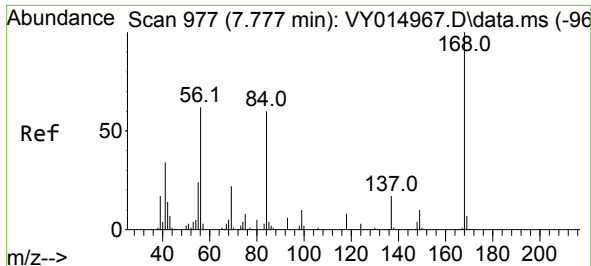
Tgt Ion: 83 Resp: 645542

Ion Ratio Lower Upper

83 100

85 2.8 49.7 74.5#

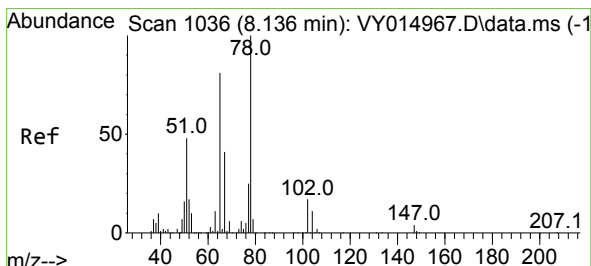
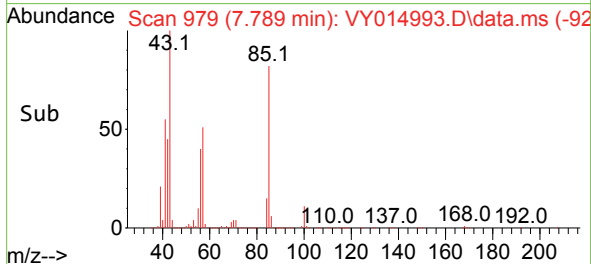
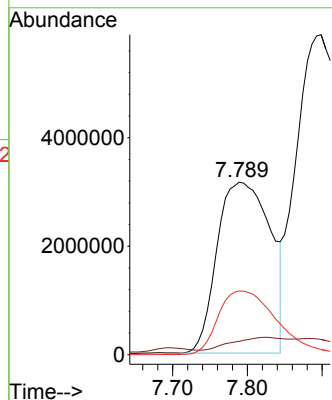
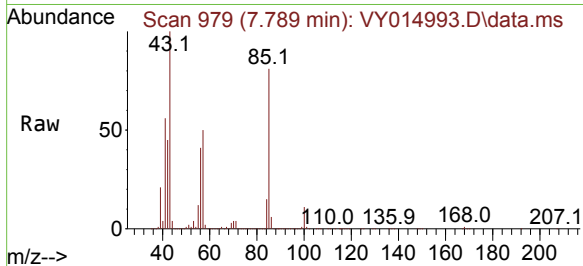




#31
Cyclohexane
Concen: 5834.269 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

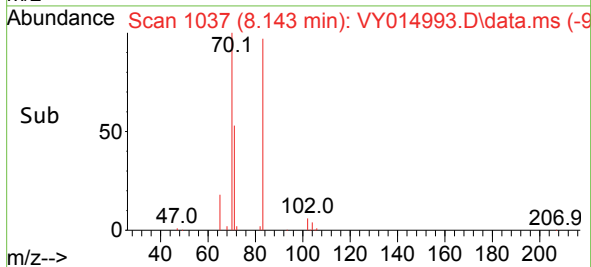
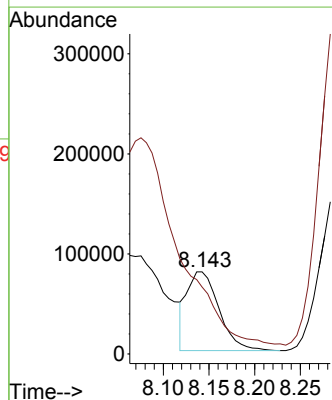
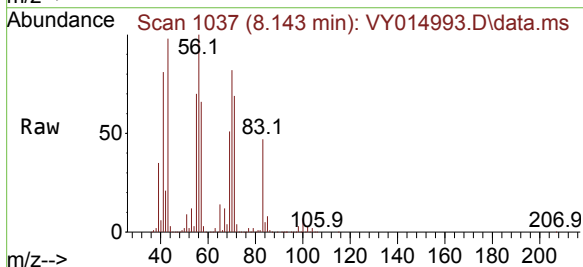
Instrument :
MSVOA_Y
ClientSampleId :
MW-10

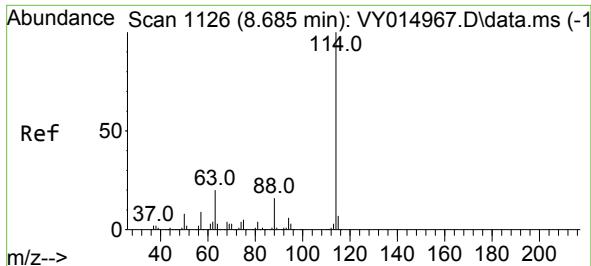
Tgt Ion: 56 Resp:15648217
Ion Ratio Lower Upper
56 100
69 4.2 27.8 41.6#
84 37.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 68.716 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion: 65 Resp: 191499
Ion Ratio Lower Upper
65 100
67 0.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

MW-10

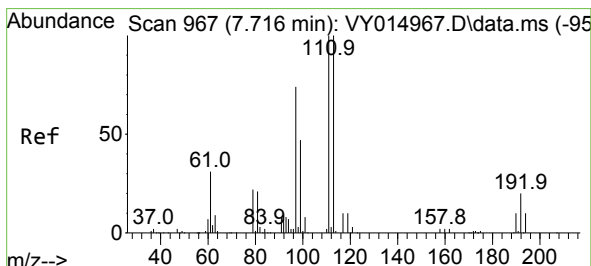
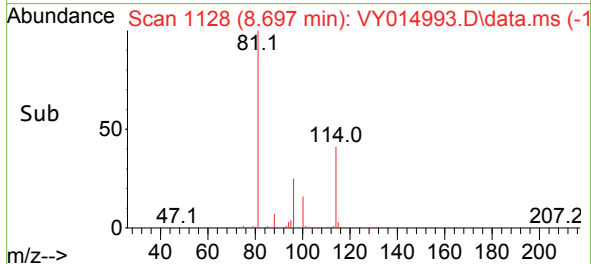
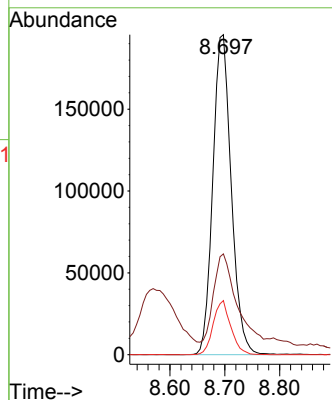
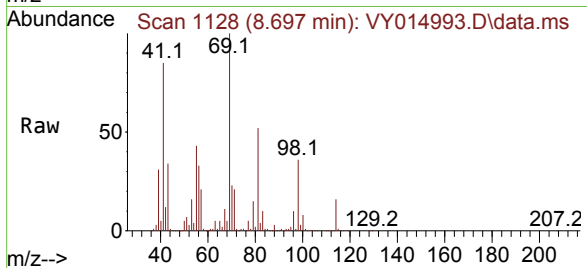
Tgt Ion:114 Resp: 456809

Ion Ratio Lower Upper

114 100

63 27.0 0.0 42.4

88 16.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.593 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

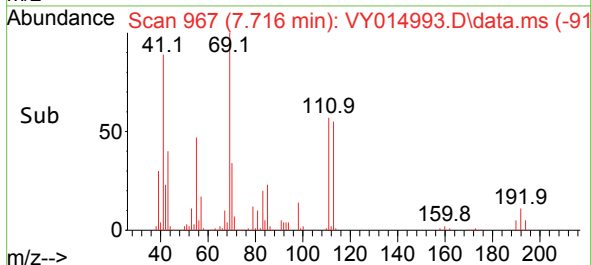
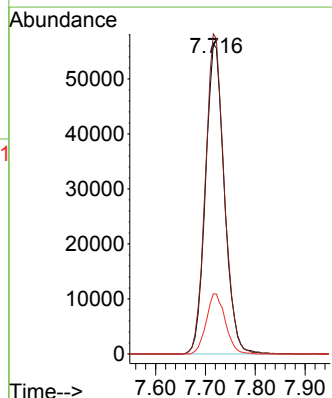
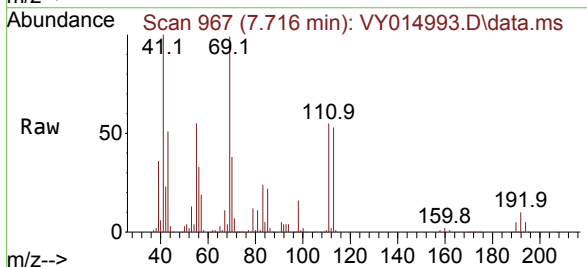
Tgt Ion:113 Resp: 147791

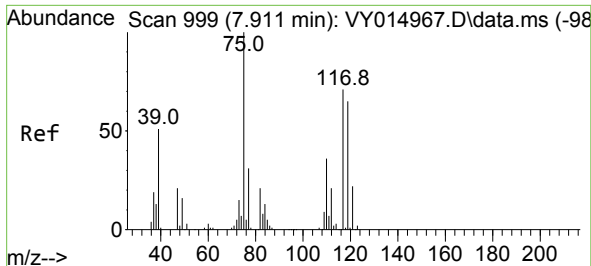
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

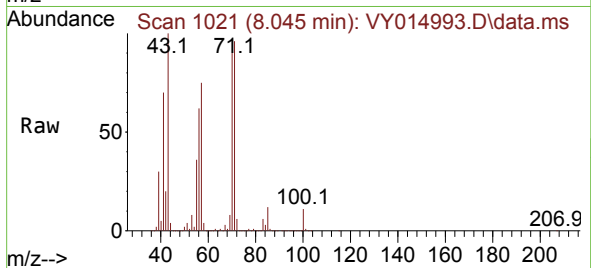
192 19.6 16.9 25.3



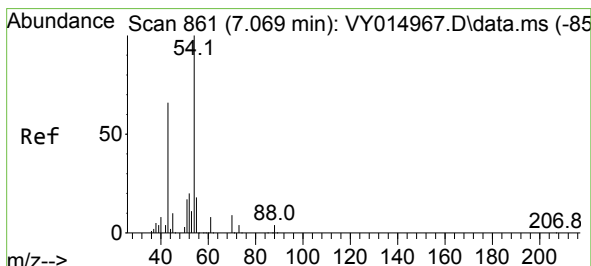
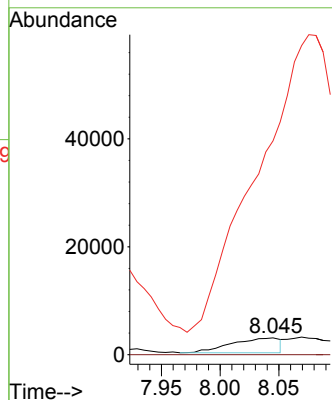
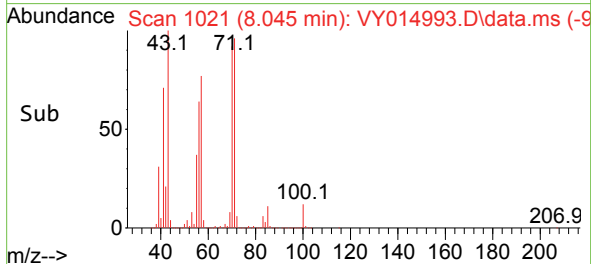


#36
1,1-Dichloropropene
Concen: 2.200 ug/l
RT: 8.045 min Scan# 1021
Delta R.T. 0.134 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Instrument :
MSVOA_Y
ClientSampleId :
MW-10

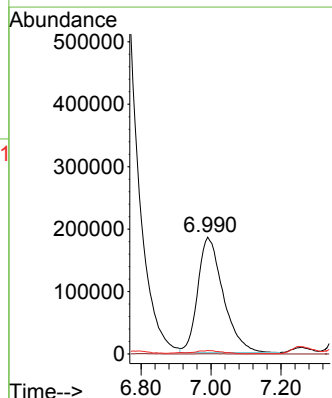
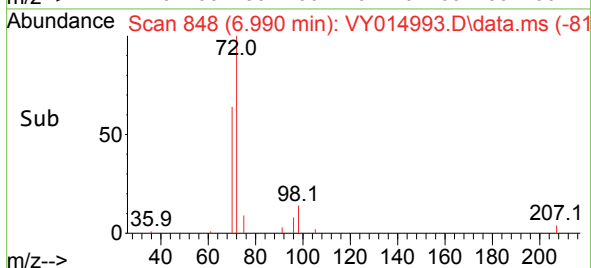
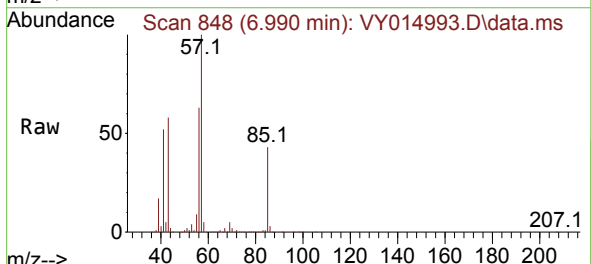


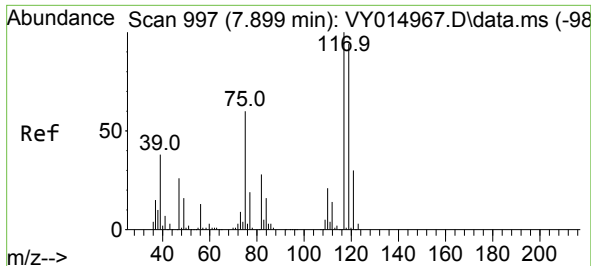
Tgt Ion: 75 Resp: 7978
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 322.420 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.079 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion: 43 Resp: 928170
Ion Ratio Lower Upper
43 100
61 0.1 10.1 15.1#
70 2.9 7.1 10.7#

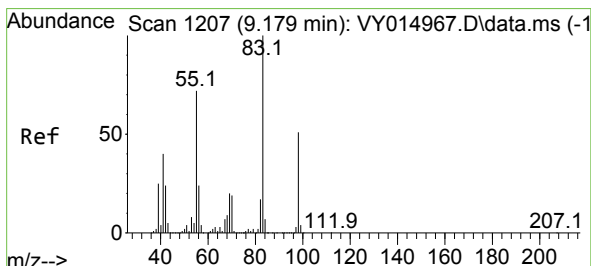
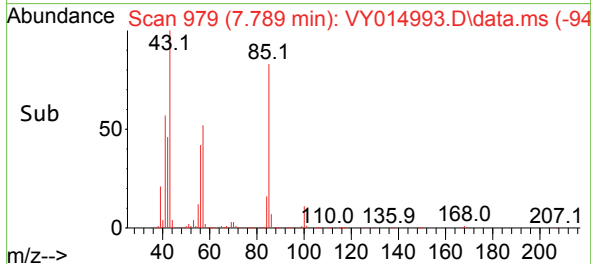
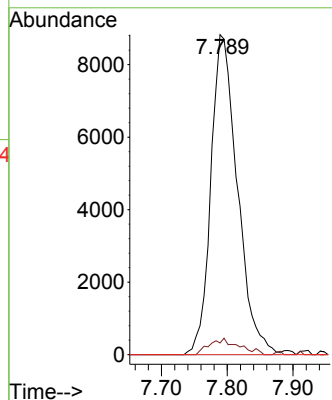
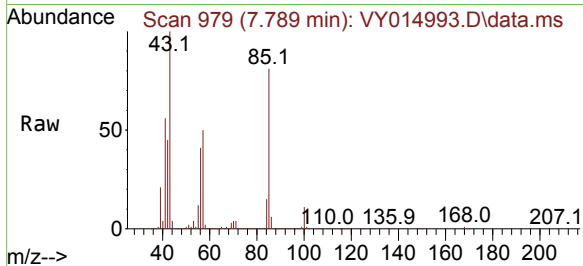




#38
Carbon Tetrachloride
Concen: 6.081 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

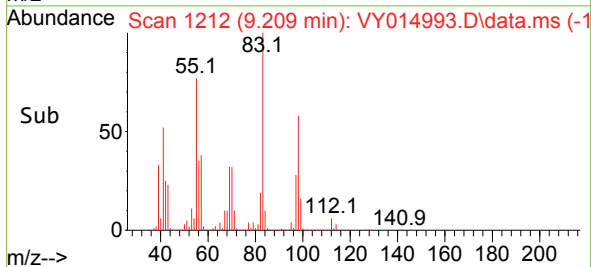
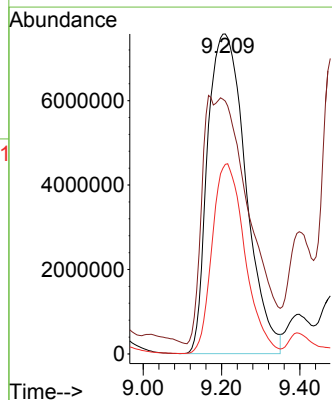
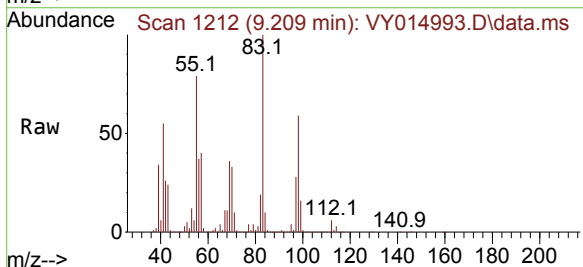
Instrument :
MSVOA_Y
ClientSampleId :
MW-10

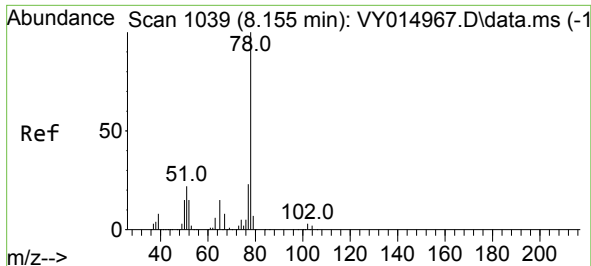
Tgt Ion:117 Resp: 24794
Ion Ratio Lower Upper
117 100
119 3.7 76.4 114.6#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 11857.642 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. 0.031 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion: 83 Resp:51141200
Ion Ratio Lower Upper
83 100
55 75.3 63.0 94.4
98 59.2 37.4 56.2#

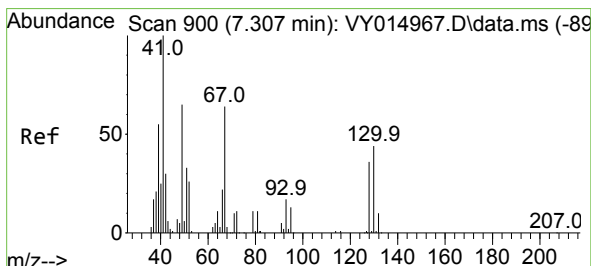
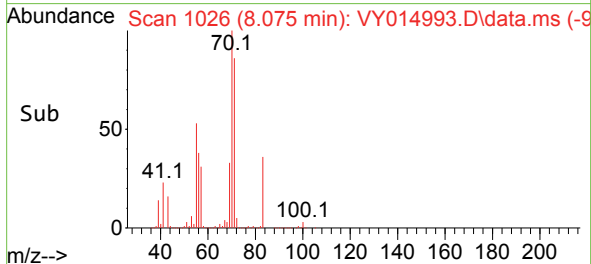
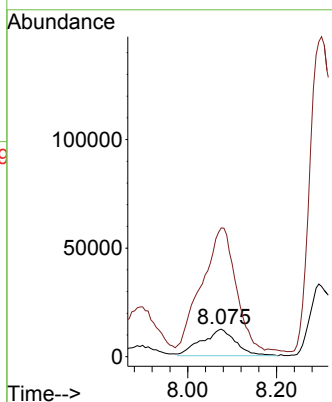
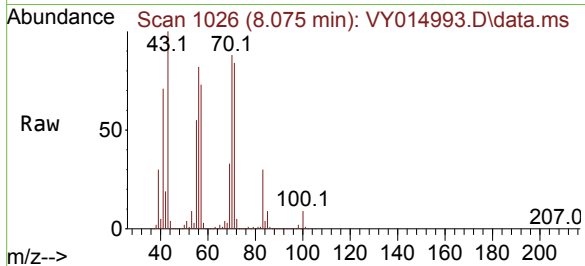




#40
Benzene
Concen: 6.051 ug/l
RT: 8.075 min Scan# 1026
Delta R.T. -0.079 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

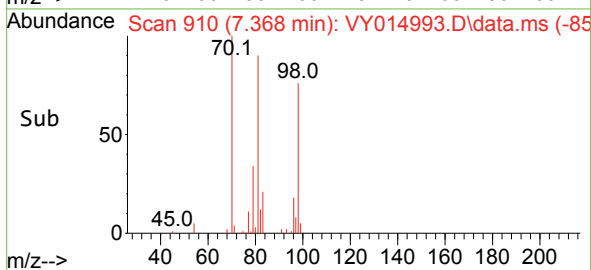
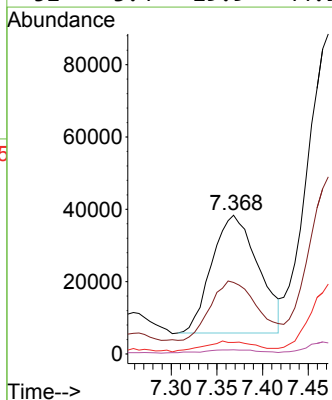
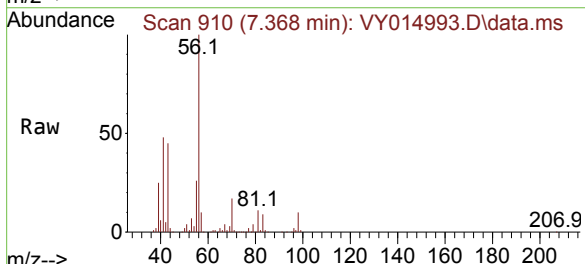
Instrument :
MSVOA_Y
ClientSampleId :
MW-10

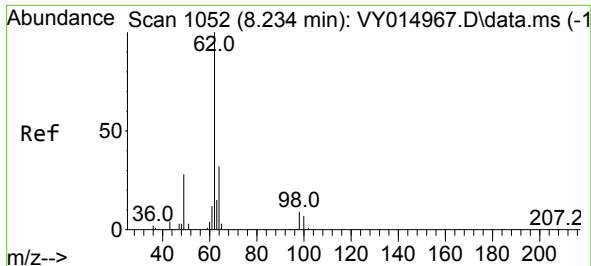
Tgt Ion: 78 Resp: 64619
Ion Ratio Lower Upper
78 100
77 461.3 19.0 28.6#



#41
Methacrylonitrile
Concen: 82.301 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.061 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion: 41 Resp: 115138
Ion Ratio Lower Upper
41 100
39 52.0 52.1 78.1#
67 9.7 66.2 99.2#
52 3.4 29.9 44.9#





#42

1,2-Dichloroethane

Concen: 34.150 ug/l

RT: 8.295 min Scan# 1062

Delta R.T. 0.061 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

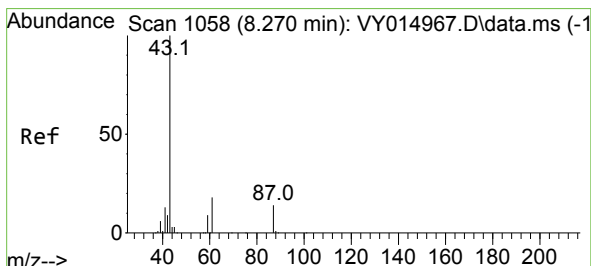
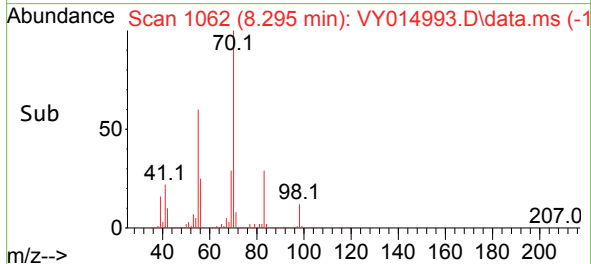
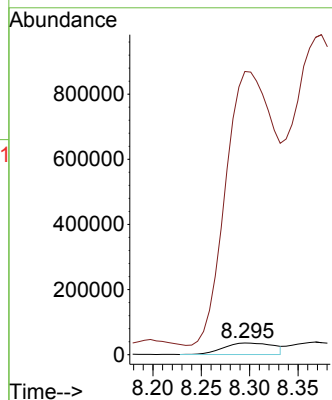
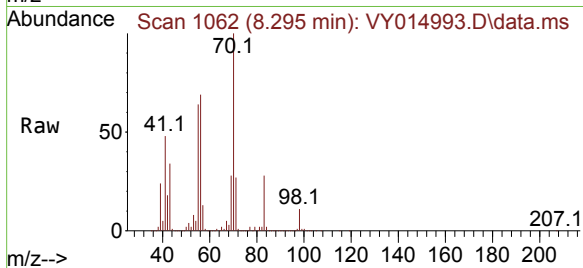
MW-10

Tgt Ion: 62 Resp: 126946

Ion Ratio Lower Upper

62 100

98 2314.8 0.0 15.8#



#43

Isopropyl Acetate

Concen: 2763.942 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.012 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

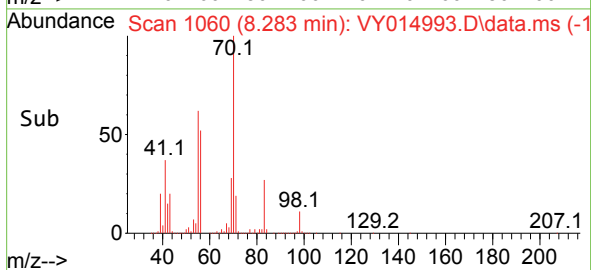
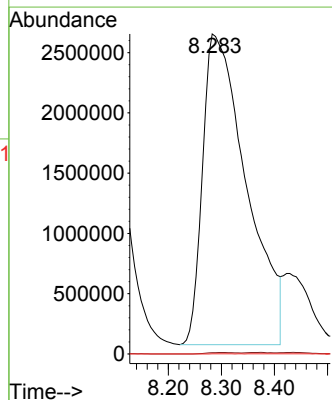
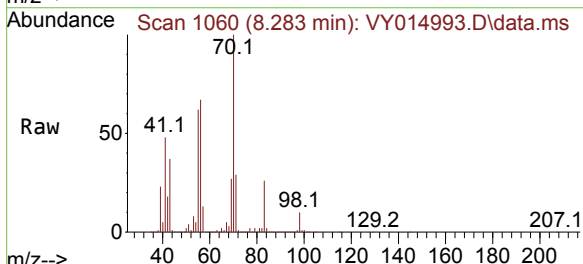
Tgt Ion: 43 Resp:14782906

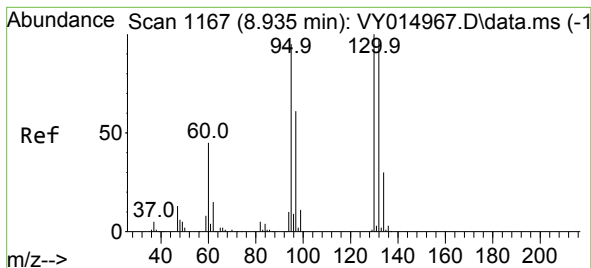
Ion Ratio Lower Upper

43 100

61 0.3 21.1 31.7#

87 0.0 9.8 14.8#





#44

Trichloroethene

Concen: 3.186 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.012 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

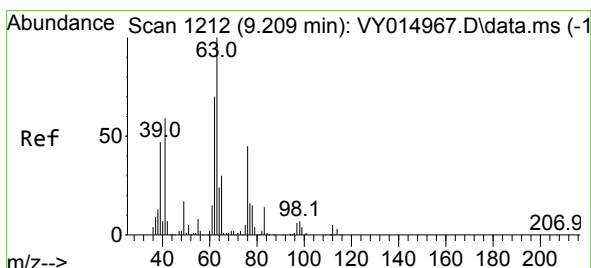
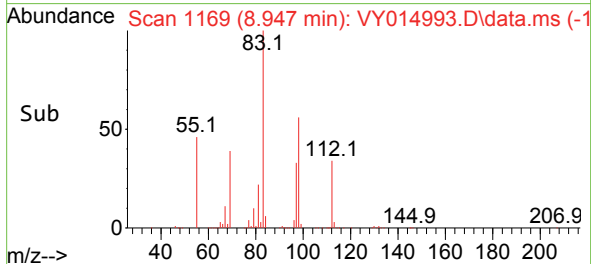
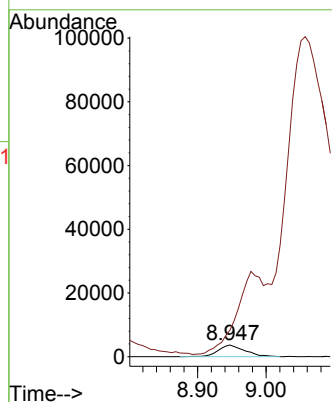
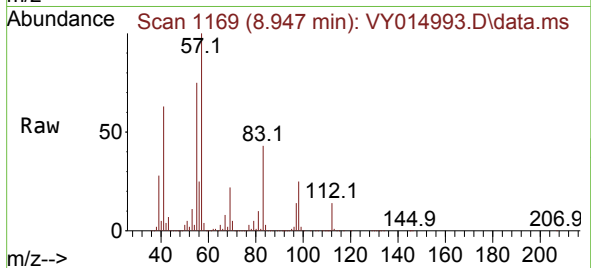
MW-10

Tgt Ion:130 Resp: 9764

Ion Ratio Lower Upper

130 100

95 194.5 0.0 196.0



#45

1,2-Dichloropropane

Concen: 348.724 ug/l

RT: 9.197 min Scan# 1210

Delta R.T. -0.012 min

Lab File: VY014993.D

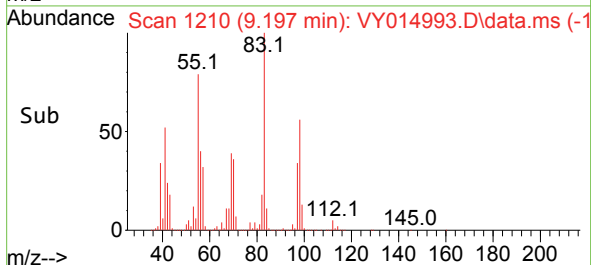
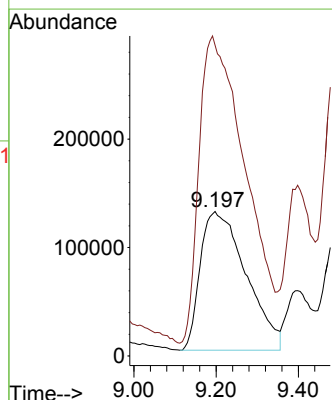
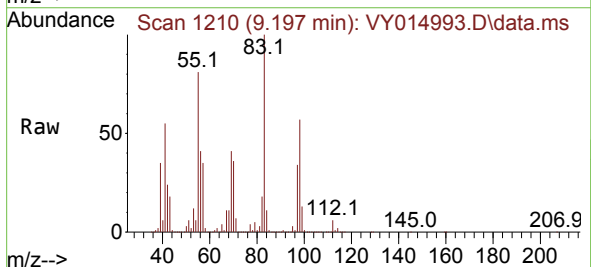
Acq: 08 Aug 2023 18:21

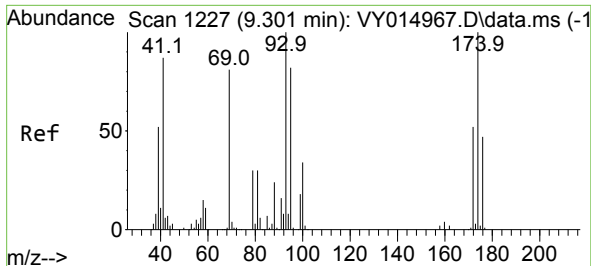
Tgt Ion: 63 Resp: 989747

Ion Ratio Lower Upper

63 100

65 214.6 23.8 35.6#





#46

Dibromomethane

Concen: 117.193 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

MW-10

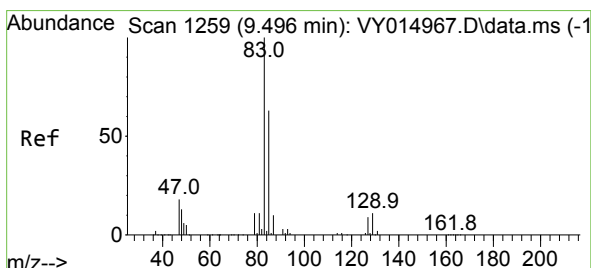
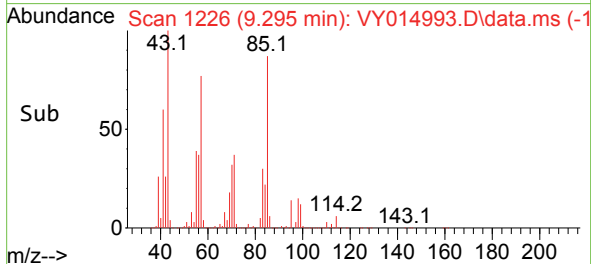
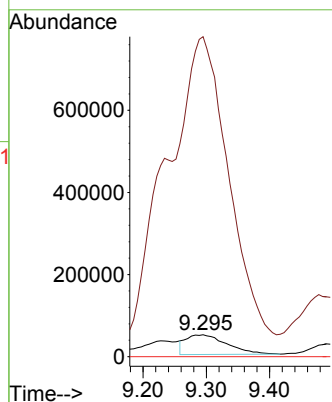
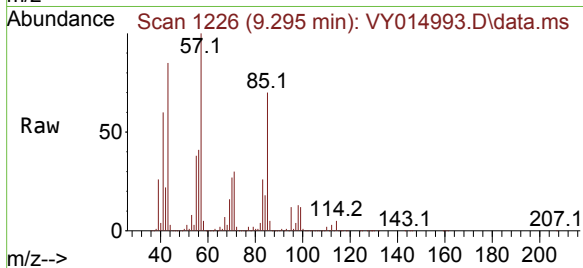
Tgt Ion: 93 Resp: 214271

Ion Ratio Lower Upper

93 100

95 2449.4 66.6 100.0#

174 0.0 84.8 127.2#



#47

Bromodichloromethane

Concen: 2028.886 ug/l

RT: 9.545 min Scan# 1267

Delta R.T. 0.049 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

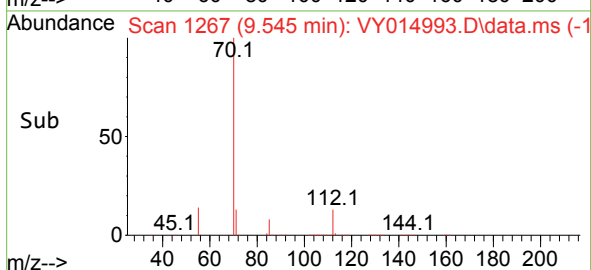
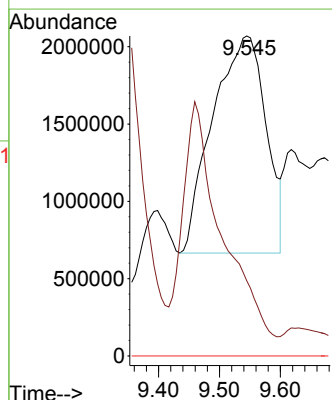
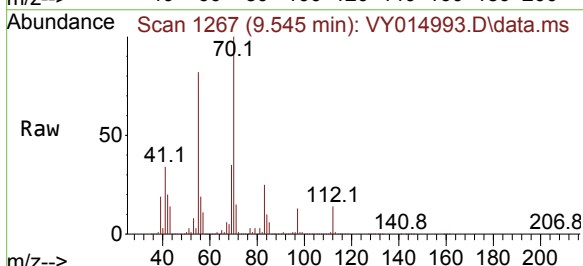
Tgt Ion: 83 Resp: 8542298

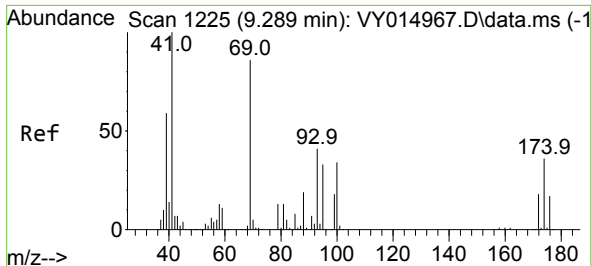
Ion Ratio Lower Upper

83 100

85 25.7 50.1 75.1#

127 0.0 7.1 10.7#

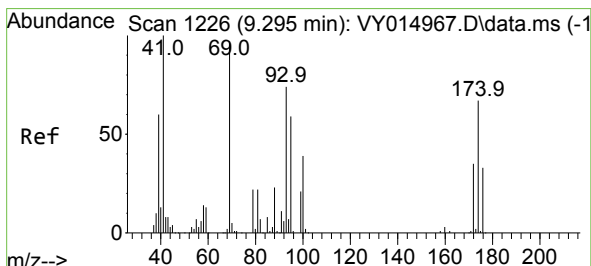
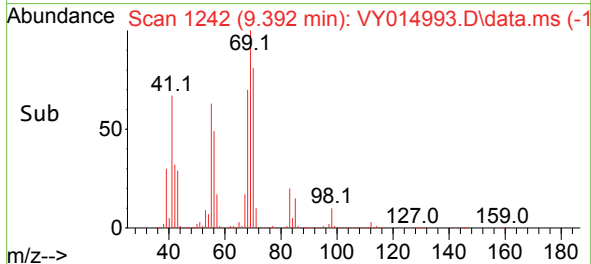
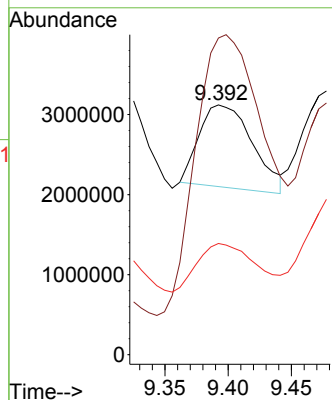
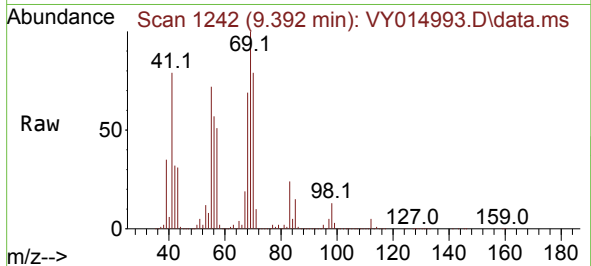




#48
Methyl methacrylate
Concen: 1275.519 ug/l
RT: 9.392 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

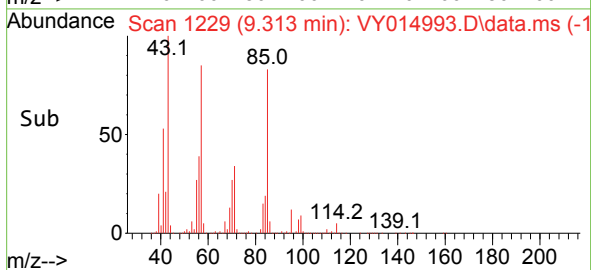
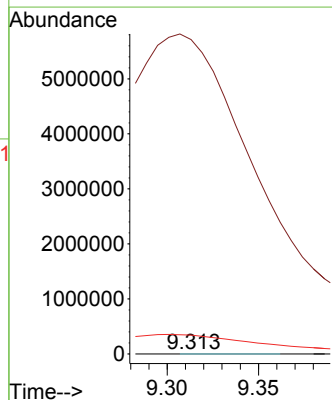
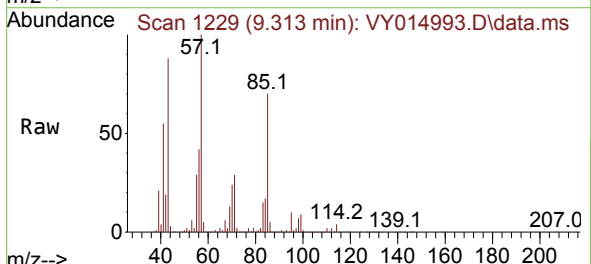
Instrument :
MSVOA_Y
ClientSampleId :
MW-10

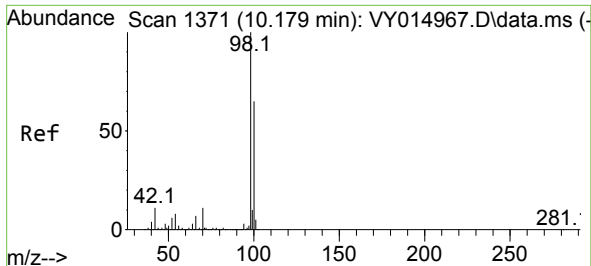
Tgt Ion: 41 Resp: 2993223
Ion Ratio Lower Upper
41 100
69 455.0 64.5 96.7#
39 87.8 50.8 76.2#



#49
1,4-Dioxane
Concen: 9.204 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.018 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion: 88 Resp: 313
Ion Ratio Lower Upper
88 100
43 13206914.4 0.0 0.0#
58 725543.5 30.9 46.3#

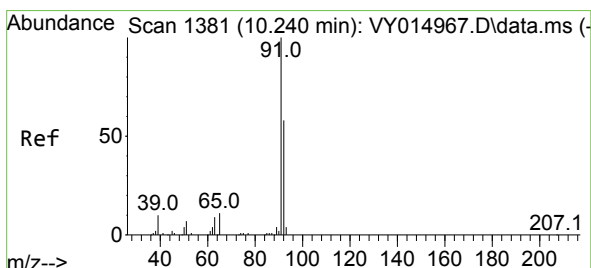
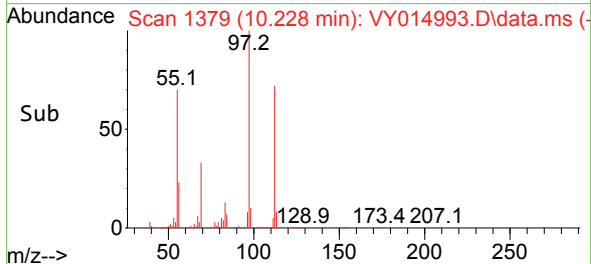
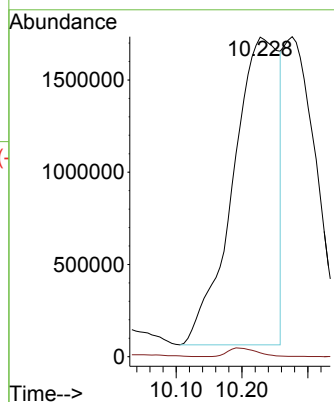
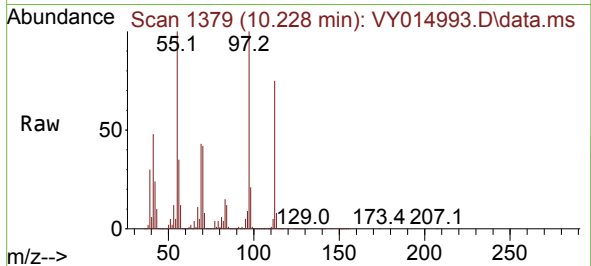




#50
Toluene-d8
Concen: 728.182 ug/l
RT: 10.228 min Scan# 1379
Delta R.T. 0.049 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

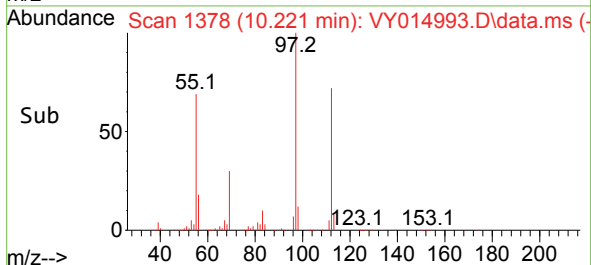
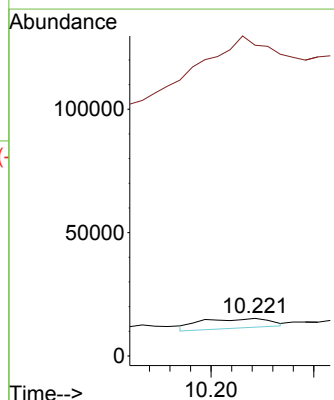
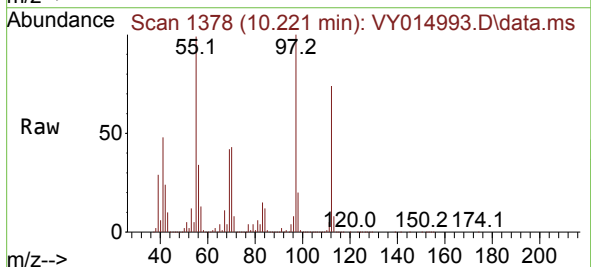
Instrument :
MSVOA_Y
ClientSampleId :
MW-10

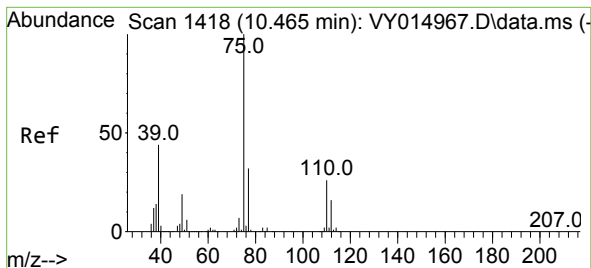
Tgt Ion: 98 Resp: 8096484
Ion Ratio Lower Upper
98 100
100 0.0 50.1 75.1#



#52
Toluene
Concen: 1.343 ug/l
RT: 10.221 min Scan# 1378
Delta R.T. -0.018 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion: 92 Resp: 9229
Ion Ratio Lower Upper
92 100
91 8801.2 143.8 215.6#

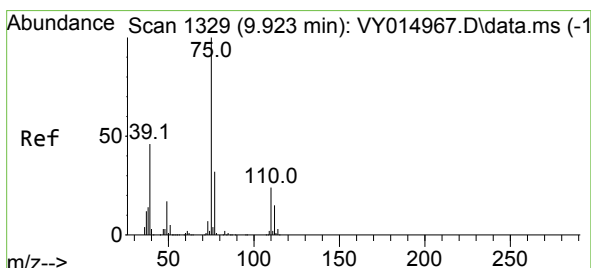
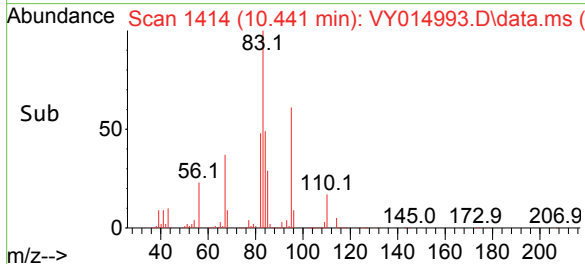
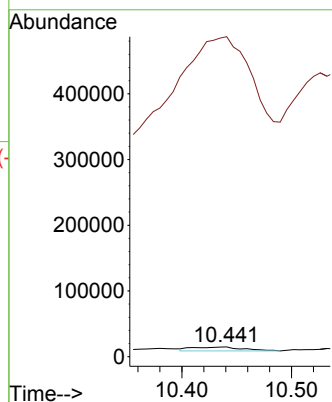
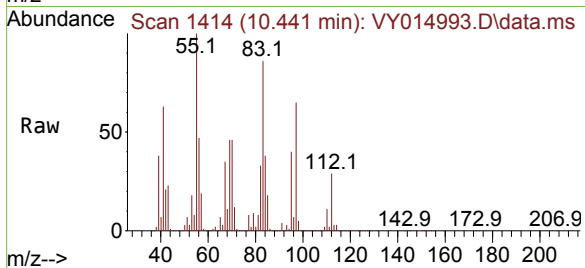




#53
 t-1,3-Dichloropropene
 Concen: 4.261 ug/l
 RT: 10.441 min Scan# 1418
 Delta R.T. -0.024 min
 Lab File: VY014993.D
 Acq: 08 Aug 2023 18:21

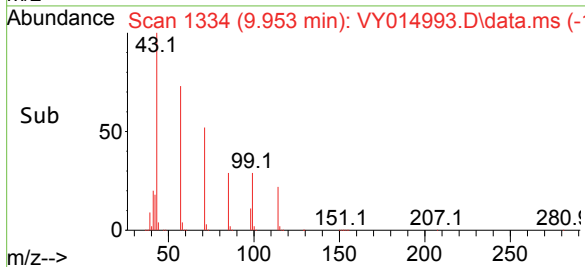
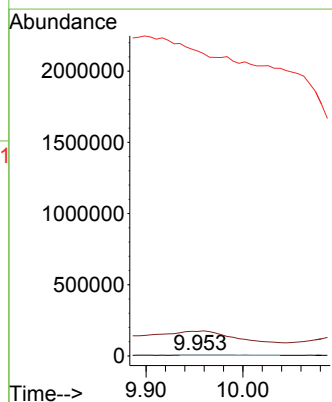
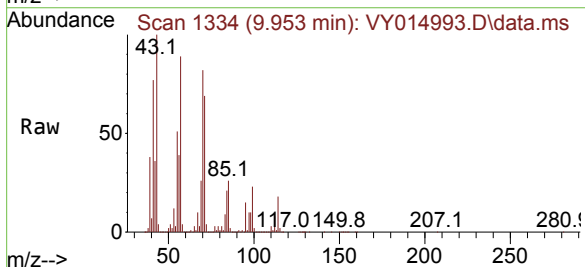
Instrument : MSVOA_Y
 ClientSampleId : MW-10

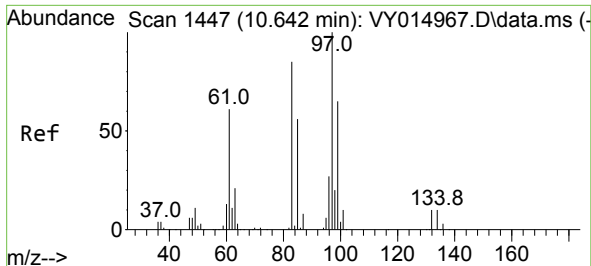
Tgt Ion: 75 Resp: 18683
 Ion Ratio Lower Upper
 75 100
 77 2224.5 25.0 37.4#



#54
 cis-1,3-Dichloropropene
 Concen: 1.275 ug/l
 RT: 9.953 min Scan# 1334
 Delta R.T. 0.031 min
 Lab File: VY014993.D
 Acq: 08 Aug 2023 18:21

Tgt Ion: 75 Resp: 6041
 Ion Ratio Lower Upper
 75 100
 77 4147.5 24.2 36.4#
 39 6430.5 42.2 63.4#

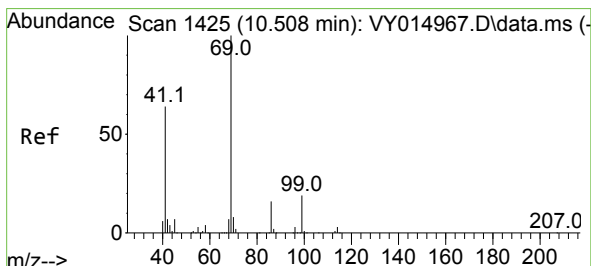
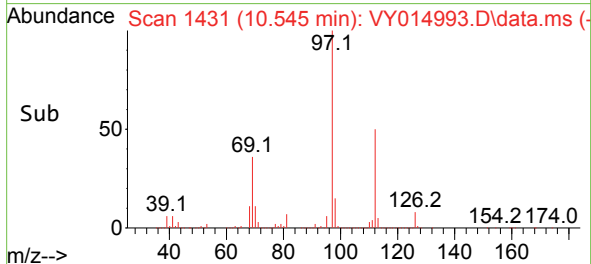
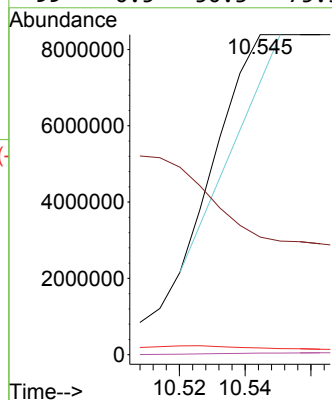
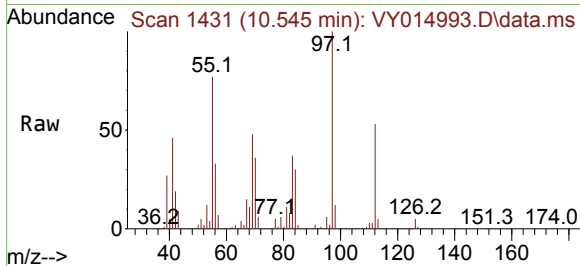




#55
1,1,2-Trichloroethane
Concen: 1201.769 ug/l
RT: 10.545 min Scan# 1447
Delta R.T. -0.097 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

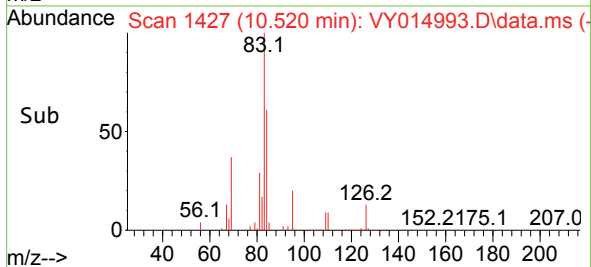
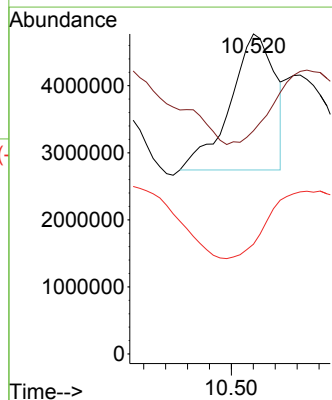
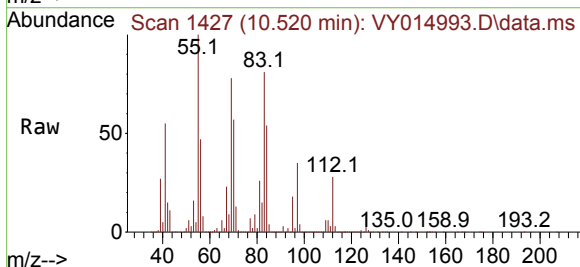
Instrument :
MSVOA_Y
ClientSampleId :
MW-10

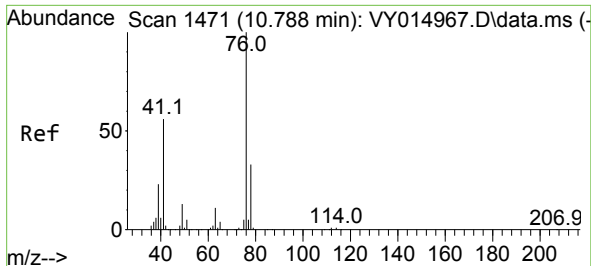
Tgt Ion: 97 Resp: 3193522
Ion Ratio Lower Upper
97 100
83 1.7 72.0 108.0#
85 0.2 45.4 68.0#
99 0.5 50.3 75.5#



#56
Ethyl methacrylate
Concen: 1514.398 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion: 69 Resp: 5762339
Ion Ratio Lower Upper
69 100
41 0.0 57.6 86.4#
39 0.0 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 6.070 ug/l

RT: 10.922 min Scan# 1471

Delta R.T. 0.134 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

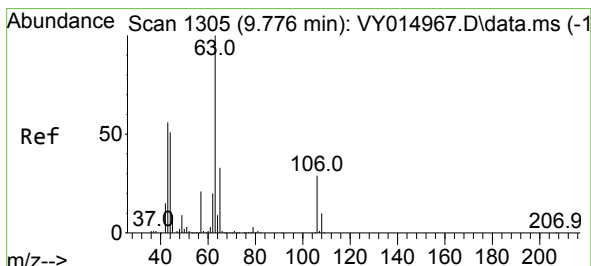
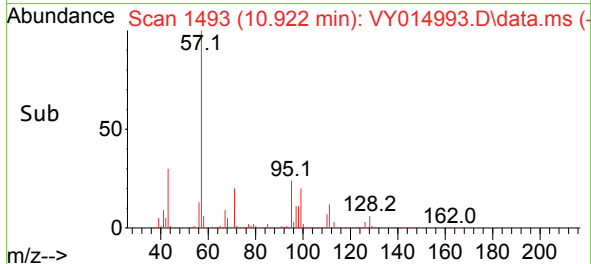
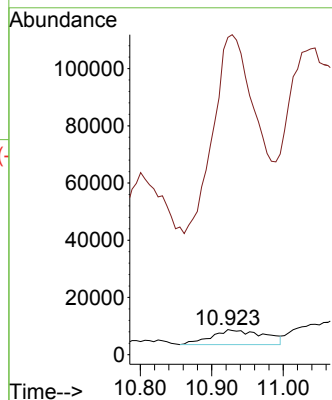
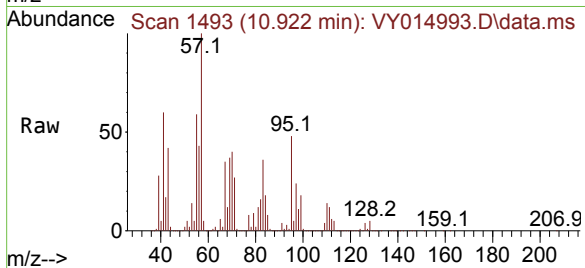
MW-10

Tgt Ion: 76 Resp: 26686

Ion Ratio Lower Upper

76 100

78 1099.9 25.3 37.9#



#58

2-Chloroethyl Vinyl ether

Concen: 62.231 ug/l

RT: 9.825 min Scan# 1313

Delta R.T. 0.049 min

Lab File: VY014993.D

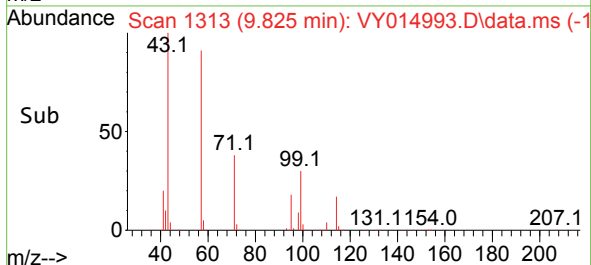
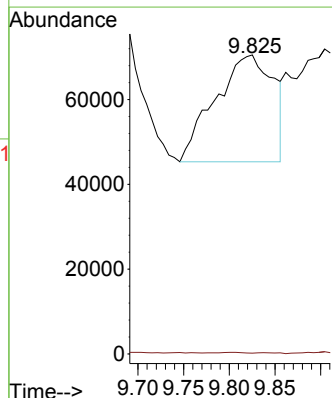
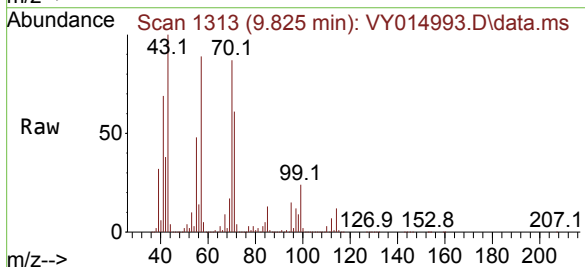
Acq: 08 Aug 2023 18:21

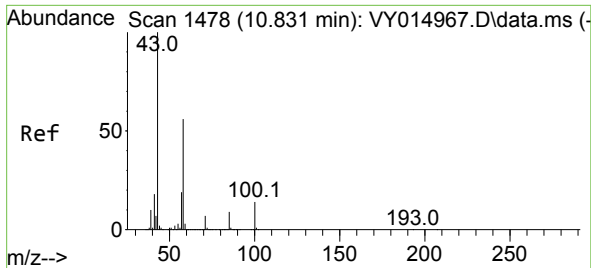
Tgt Ion: 63 Resp: 111963

Ion Ratio Lower Upper

63 100

106 0.3 21.2 31.8#

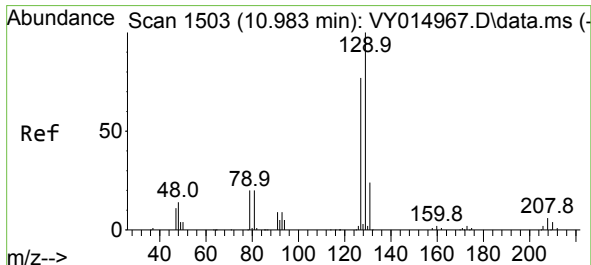
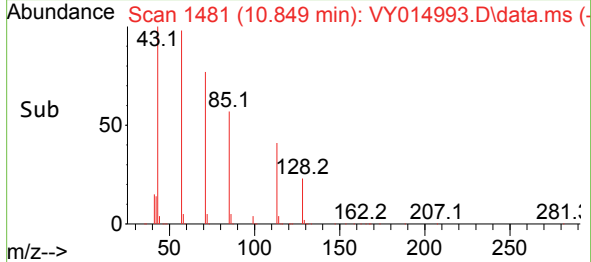
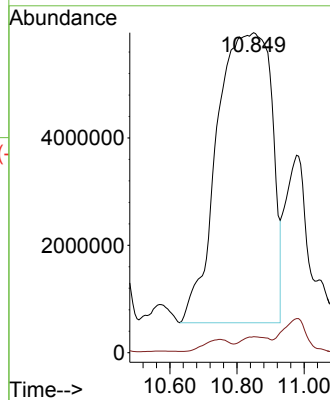
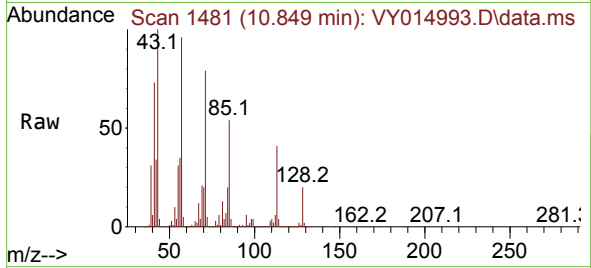




#59
2-Hexanone
Concen: 27434.701 ug/l
RT: 10.849 min Scan# 1478
Delta R.T. 0.018 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

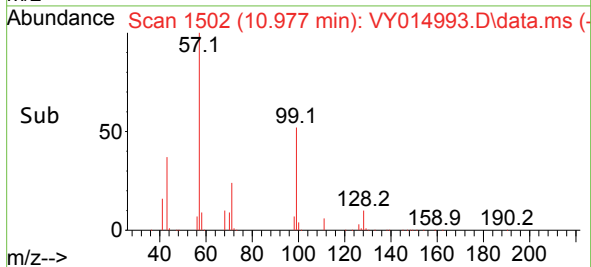
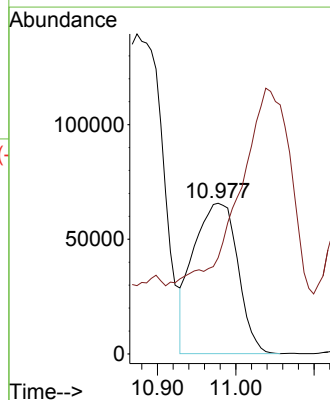
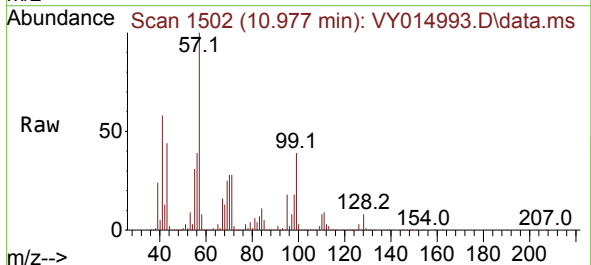
Instrument :
MSVOA_Y
ClientSampleId :
MW-10

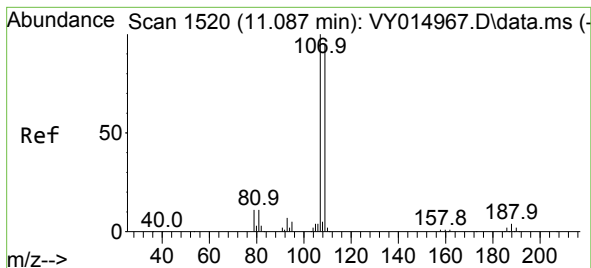
Tgt Ion: 43 Resp:61084580
Ion Ratio Lower Upper
43 100
58 2.6 25.1 75.3#



#60
Dibromochloromethane
Concen: 81.568 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion:129 Resp: 258087
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

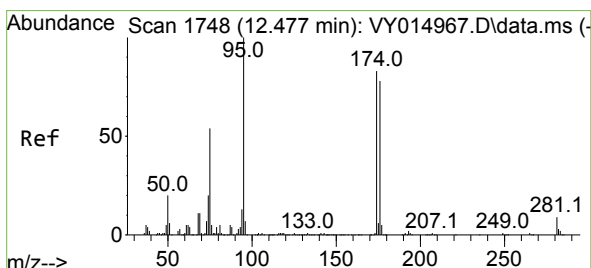
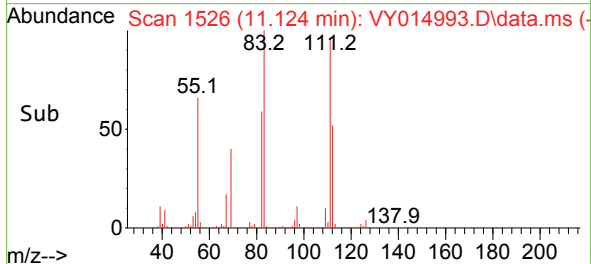
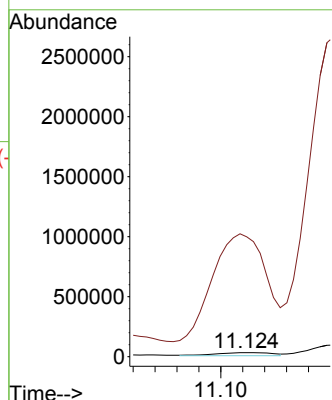
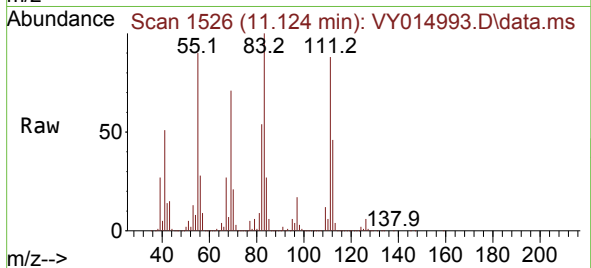




#61
1,2-Dibromoethane
Concen: 35.419 ug/l
RT: 11.124 min Scan# 111
Delta R.T. 0.037 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

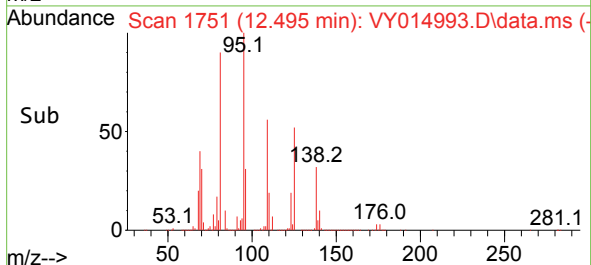
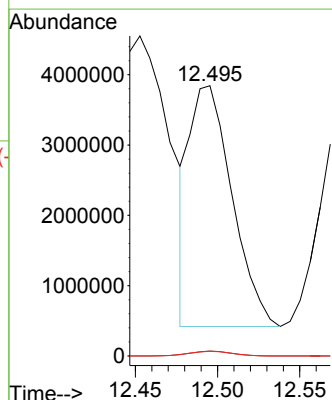
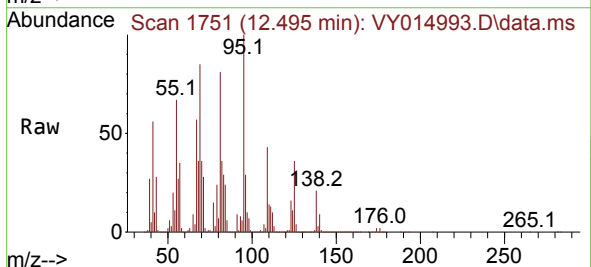
Instrument :
MSVOA_Y
ClientSampleId :
MW-10

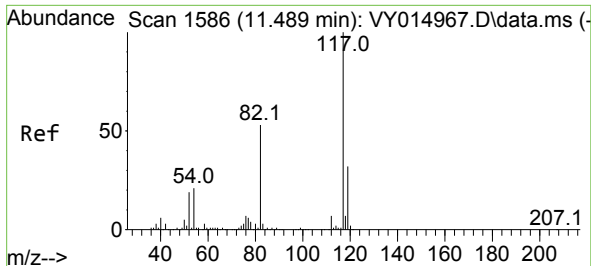
Tgt Ion:107 Resp: 89837
Ion Ratio Lower Upper
107 100
109 3523.0 75.6 113.4#



#62
4-Bromofluorobenzene
Concen: 1565.351 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.018 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion: 95 Resp: 6168570
Ion Ratio Lower Upper
95 100
174 2.0 0.0 178.2
176 2.0 0.0 173.8

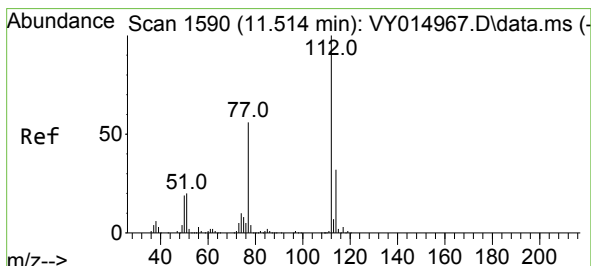
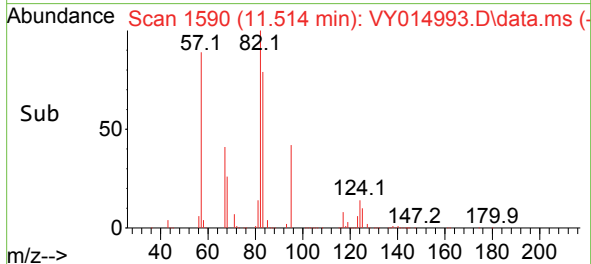
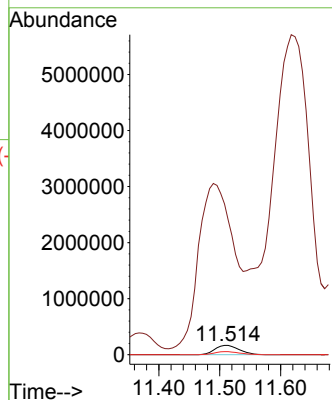
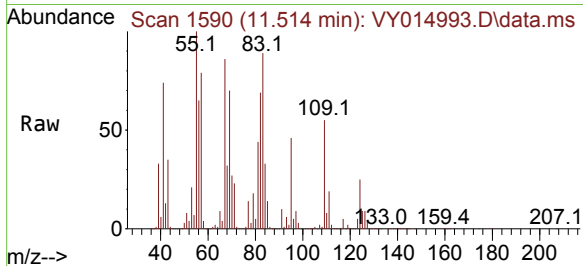




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

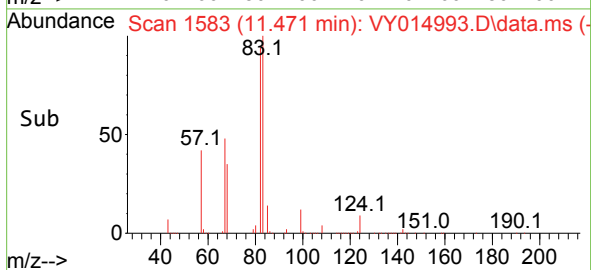
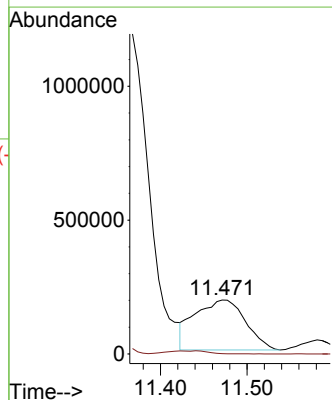
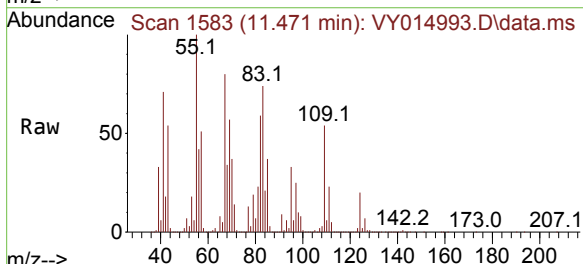
Instrument :
MSVOA_Y
ClientSampleId :
MW-10

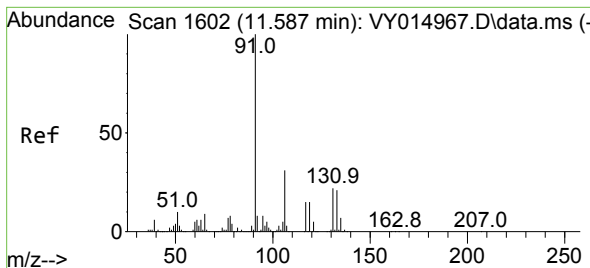
Tgt Ion:117 Resp: 455580
Ion Ratio Lower Upper
117 100
82 1335.2 43.4 65.0#
119 32.7 26.3 39.5



#65
Chlorobenzene
Concen: 88.236 ug/l
RT: 11.471 min Scan# 1583
Delta R.T. -0.043 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion:112 Resp: 762776
Ion Ratio Lower Upper
112 100
114 0.5 25.5 38.3#





#67

Ethyl Benzene

Concen: 99.561 ug/l

RT: 11.624 min Scan# 1608

Delta R.T. 0.037 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

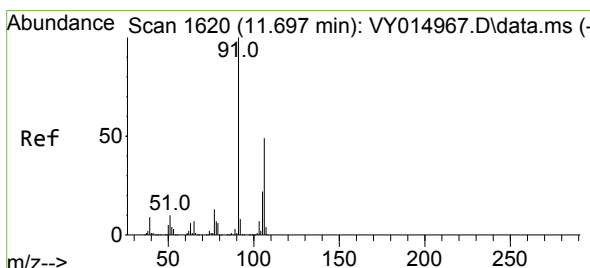
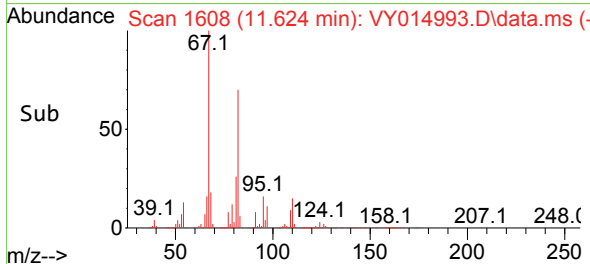
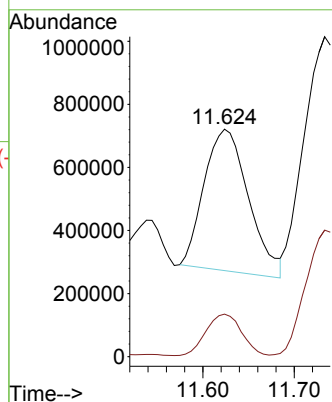
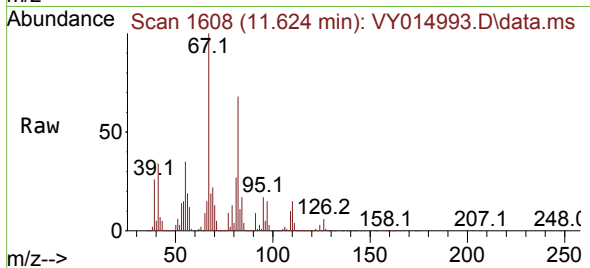
MW-10

Tgt Ion: 91 Resp: 1510464

Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8



#68

m/p-Xylenes

Concen: 181.027 ug/l

RT: 11.733 min Scan# 1626

Delta R.T. 0.037 min

Lab File: VY014993.D

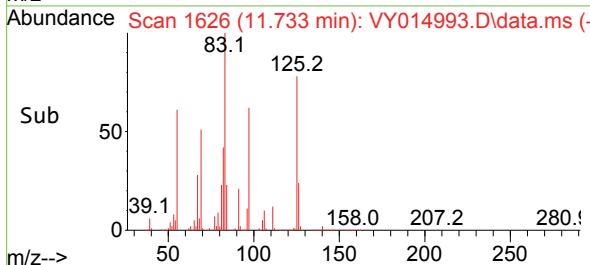
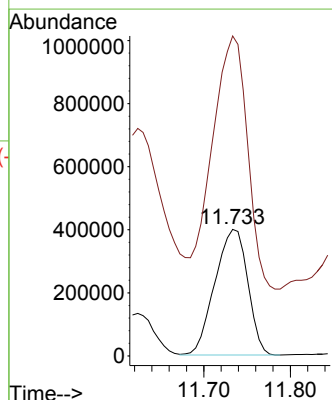
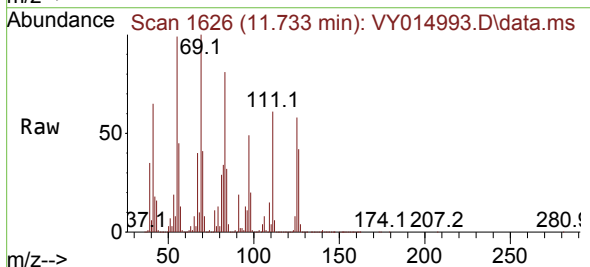
Acq: 08 Aug 2023 18:21

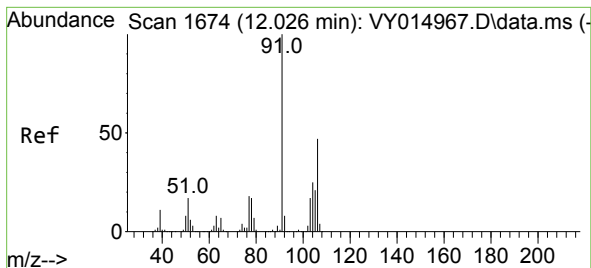
Tgt Ion:106 Resp: 1050631

Ion Ratio Lower Upper

106 100

91 213.7 166.1 249.1

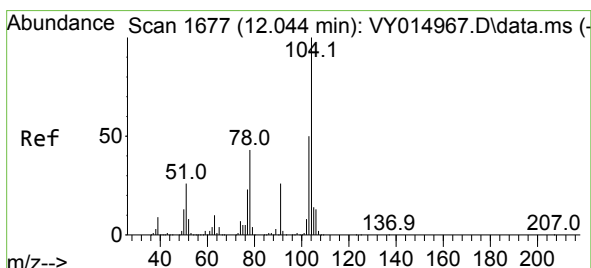
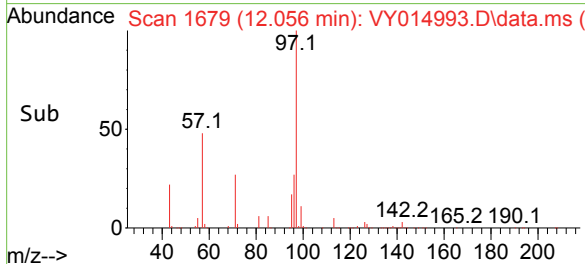
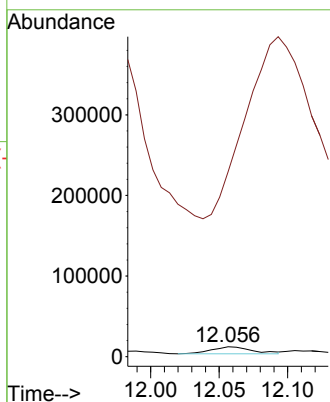
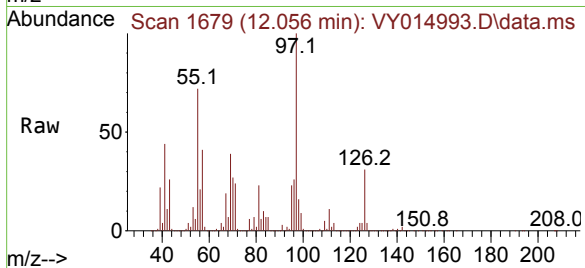




#69
o-Xylene
Concen: 3.194 ug/l
RT: 12.056 min Scan# 1687
Delta R.T. 0.031 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

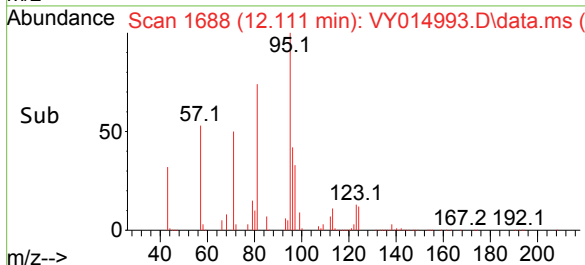
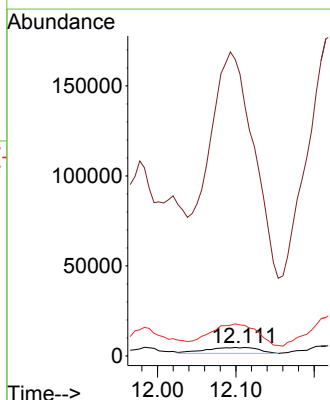
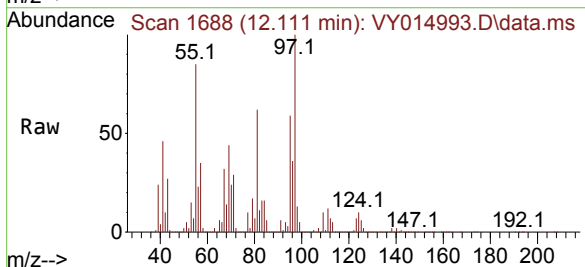
Instrument :
MSVOA_Y
ClientSampleId :
MW-10

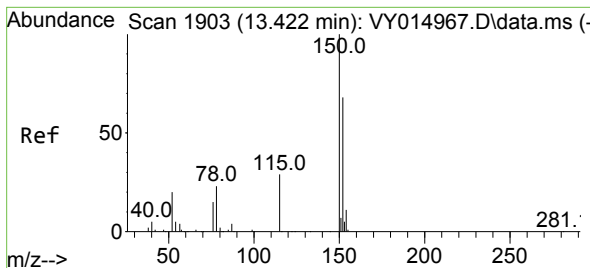
Tgt Ion:106 Resp: 18136
Ion Ratio Lower Upper
106 100
91 0.0 108.1 324.3#



#70
Styrene
Concen: 1.562 ug/l
RT: 12.111 min Scan# 1688
Delta R.T. 0.067 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion:104 Resp: 15158
Ion Ratio Lower Upper
104 100
78 3174.0 41.5 62.3#
103 340.6 44.6 67.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.544 min Scan# 1903

Delta R.T. 0.122 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

MW-10

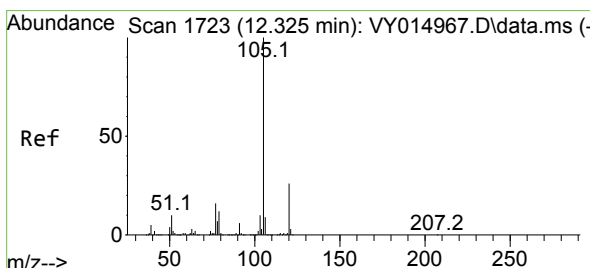
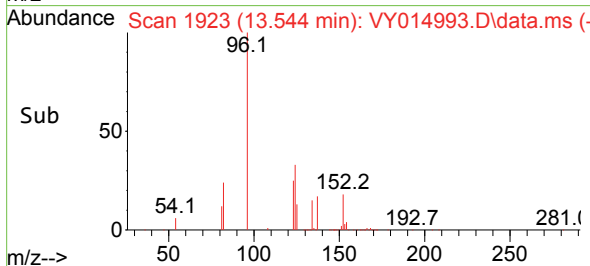
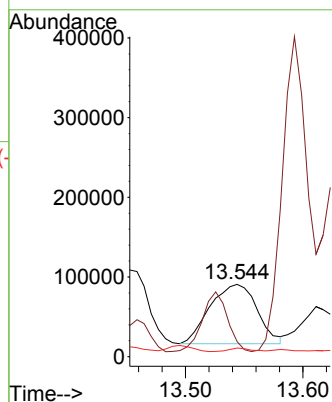
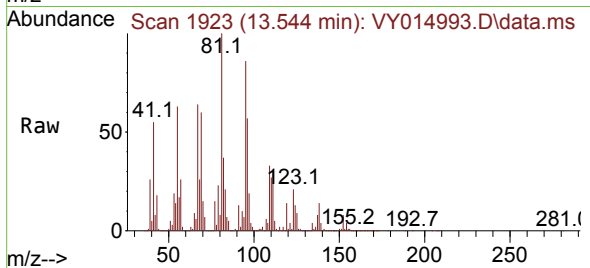
Tgt Ion:152 Resp: 207405

Ion Ratio Lower Upper

152 100

115 53.6 28.8 86.5

150 2.9 0.0 348.8



#73

Isopropylbenzene

Concen: 256.821 ug/l

RT: 12.349 min Scan# 1727

Delta R.T. 0.024 min

Lab File: VY014993.D

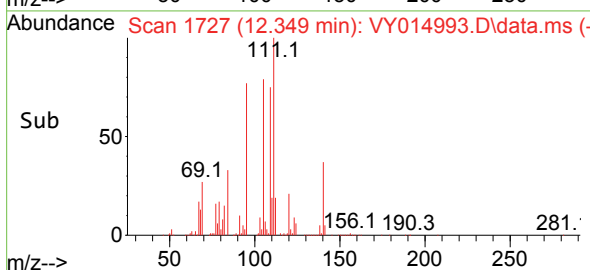
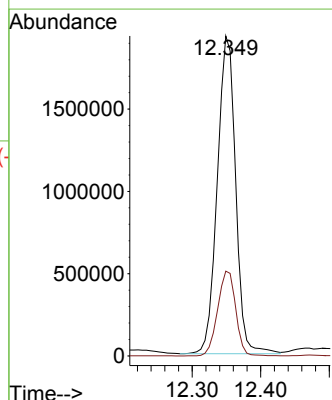
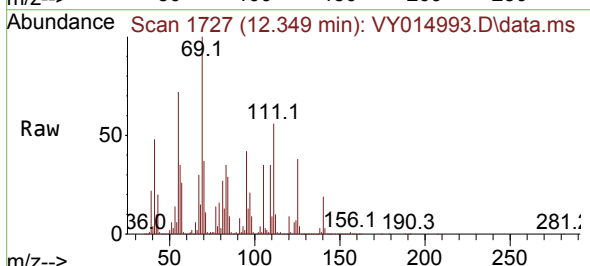
Acq: 08 Aug 2023 18:21

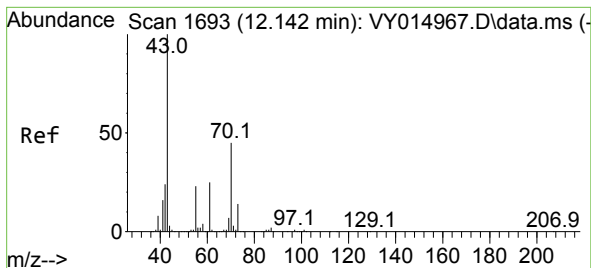
Tgt Ion:105 Resp: 3580633

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.9





#74

N-amy1 acetate

Concen: 1591.248 ug/l

RT: 12.154 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

MW-10

Tgt Ion: 43 Resp: 7579885

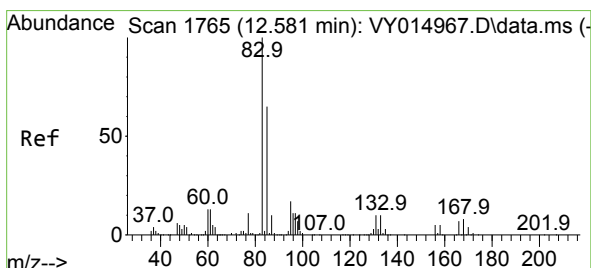
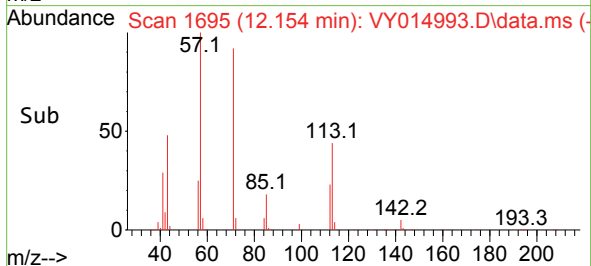
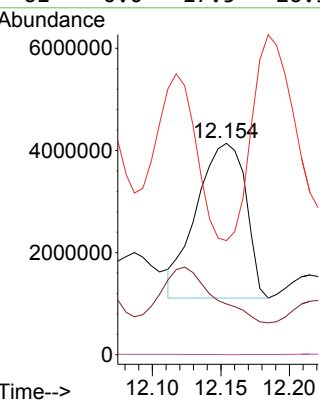
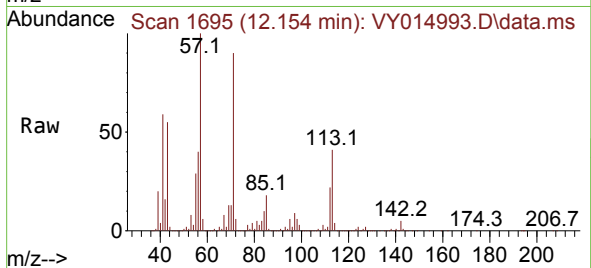
Ion Ratio Lower Upper

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: 458.296 ug/l

RT: 12.569 min Scan# 1763

Delta R.T. -0.012 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

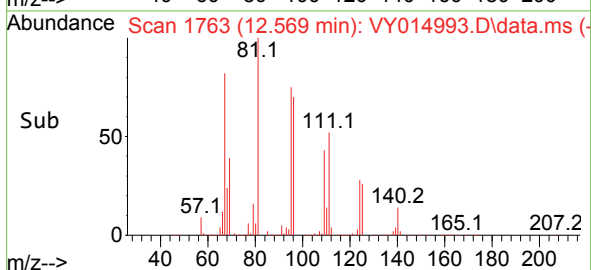
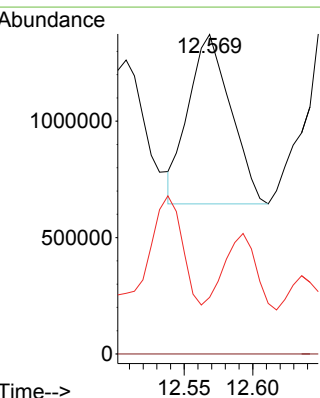
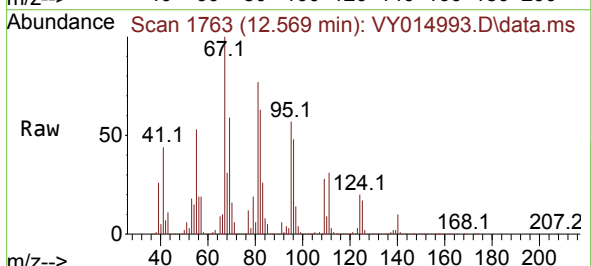
Tgt Ion: 83 Resp: 1561482

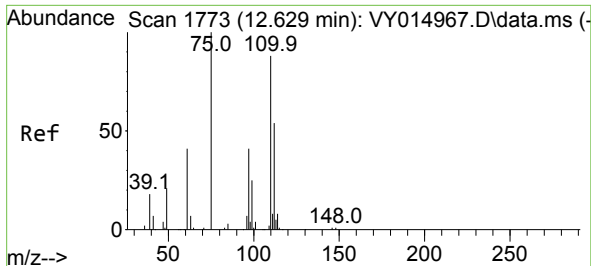
Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 0.0 31.8 95.4#

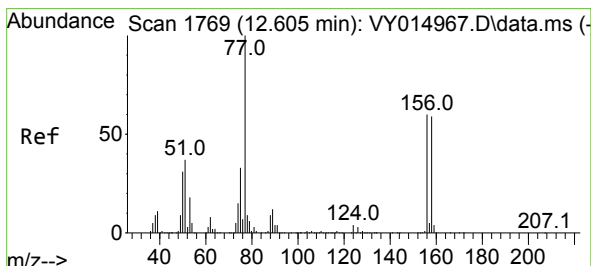
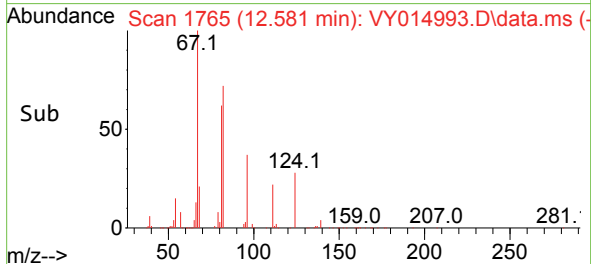
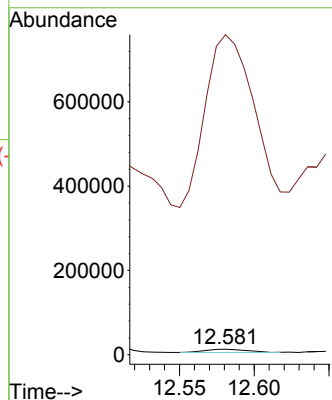
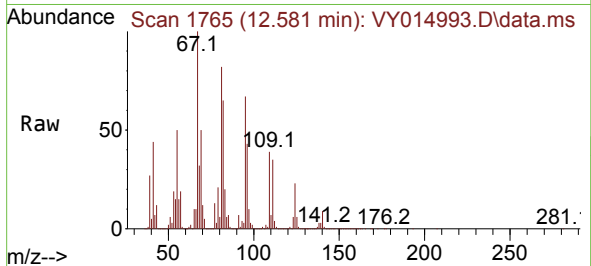




#76
1,2,3-Trichloropropane
Concen: 6.022 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.049 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

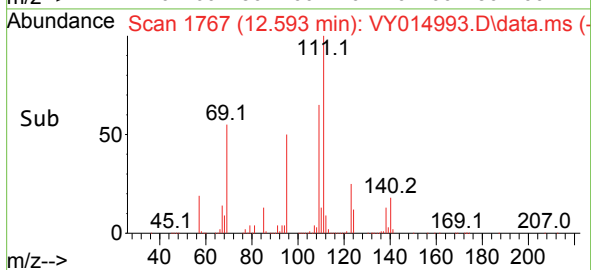
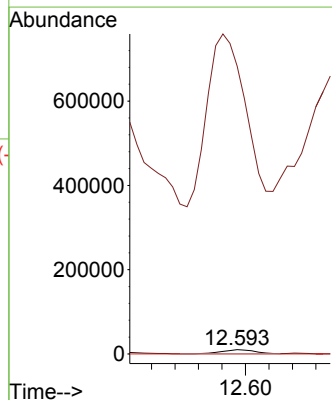
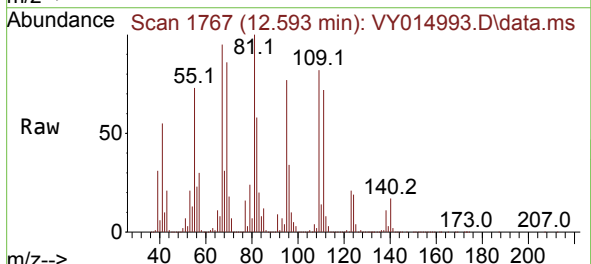
Instrument :
MSVOA_Y
ClientSampleId :
MW-10

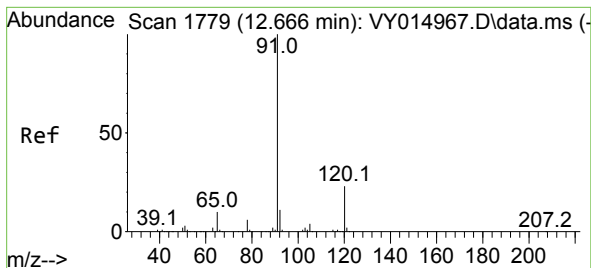
Tgt Ion: 75 Resp: 14967
Ion Ratio Lower Upper
75 100
77 6194.6 0.0 0.0#



#77
Bromobenzene
Concen: 5.671 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.012 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion:156 Resp: 19177
Ion Ratio Lower Upper
156 100
77 4834.7 92.8 278.6#
158 0.0 48.4 145.3#





#78

n-propylbenzene

Concen: 512.252 ug/l

RT: 12.684 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

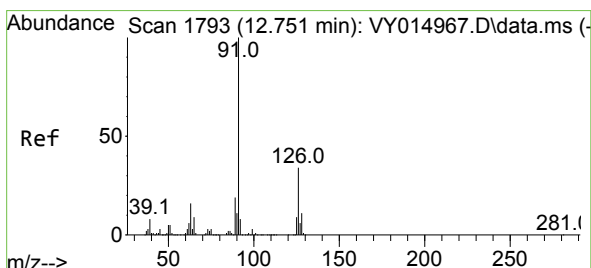
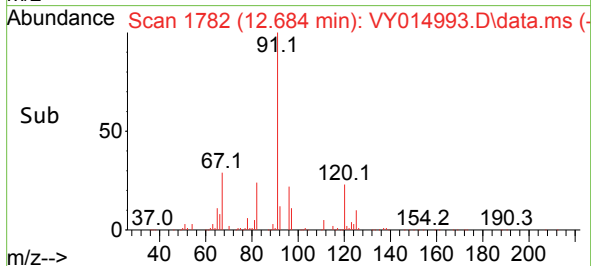
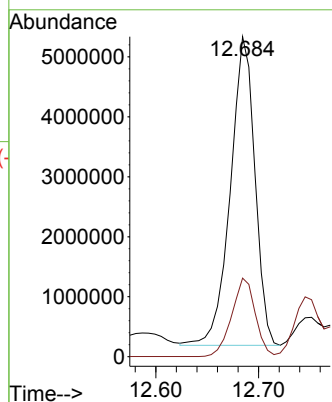
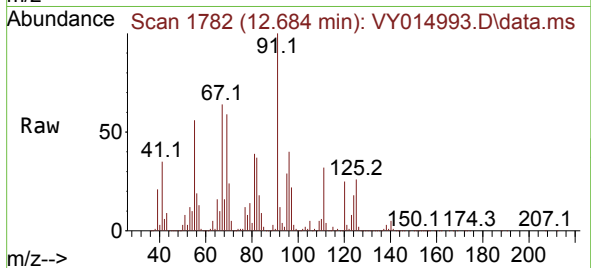
MW-10

Tgt Ion: 91 Resp: 8542055

Ion Ratio Lower Upper

91 100

120 24.5 11.5 34.4



#79

2-Chlorotoluene

Concen: 64.814 ug/l

RT: 12.953 min Scan# 1826

Delta R.T. 0.201 min

Lab File: VY014993.D

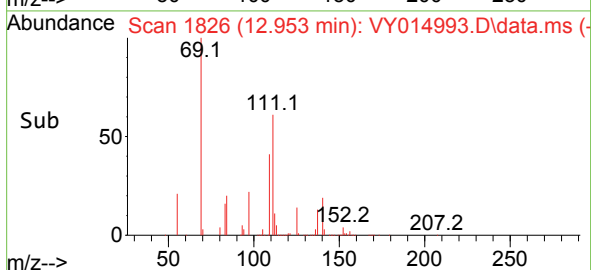
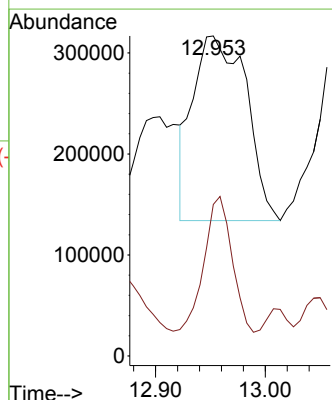
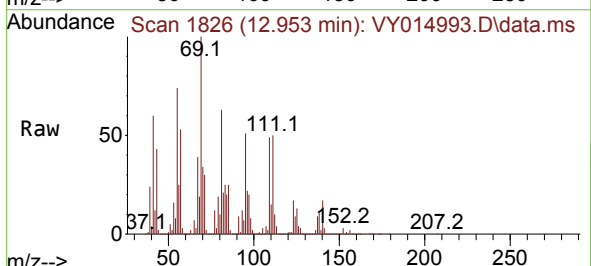
Acq: 08 Aug 2023 18:21

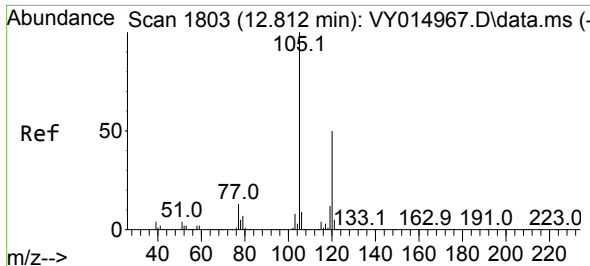
Tgt Ion: 91 Resp: 615972

Ion Ratio Lower Upper

91 100

126 38.5 17.3 51.7

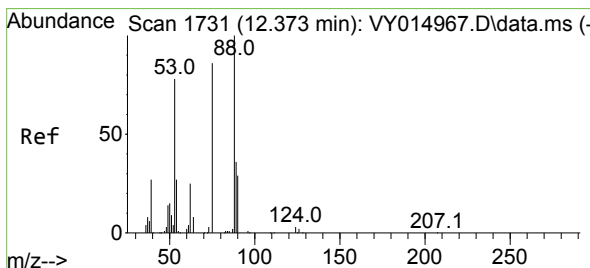
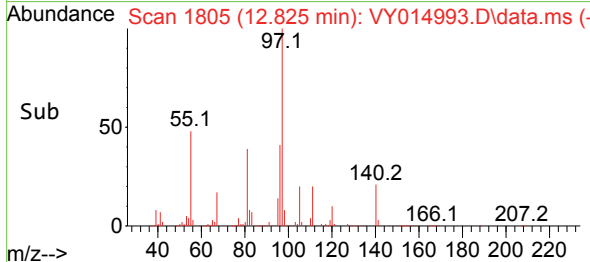
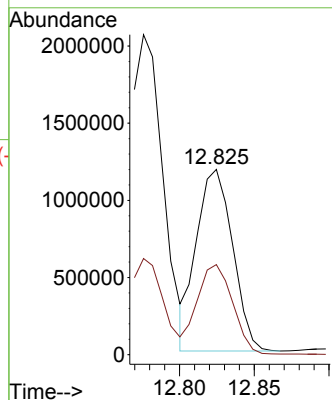
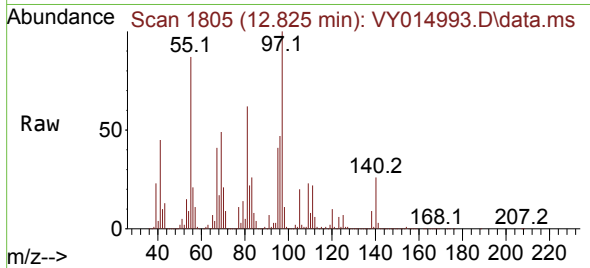




#80
1,3,5-Trimethylbenzene
Concen: 172.824 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.012 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

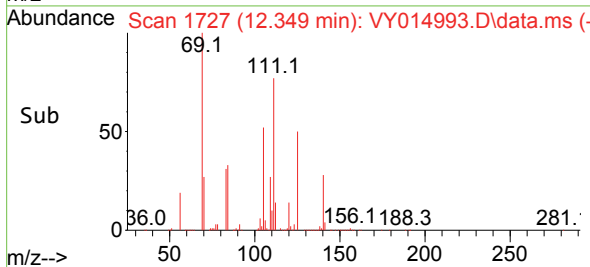
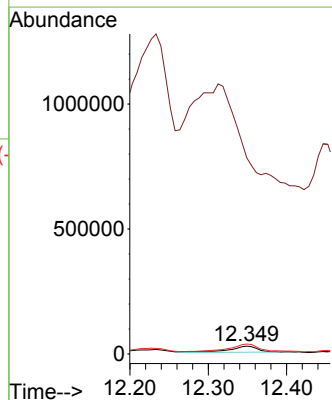
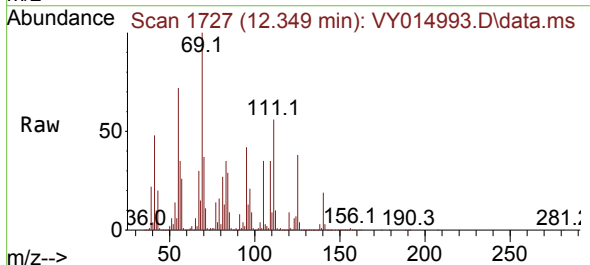
Instrument :
MSVOA_Y
ClientSampleId :
MW-10

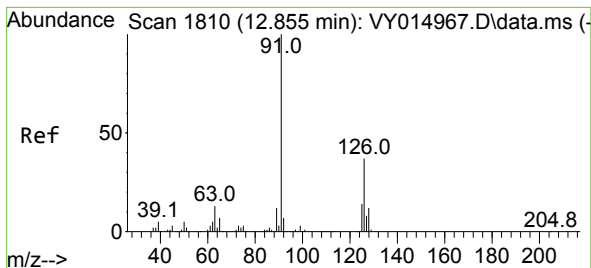
Tgt Ion:105 Resp: 1985623
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.7



#81
trans-1,4-Dichloro-2-butene
Concen: 56.538 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. -0.024 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion: 75 Resp: 63780
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 164.7 37.4 56.0#





#82

4-Chlorotoluene

Concen: 62.696 ug/l

RT: 12.953 min Scan# 1826

Delta R.T. 0.098 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

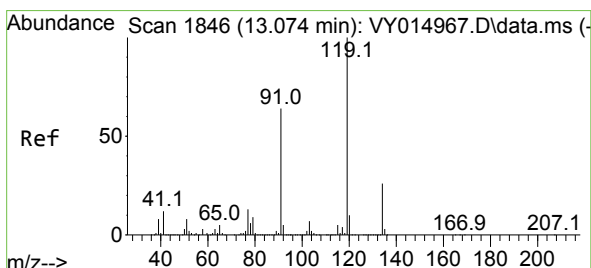
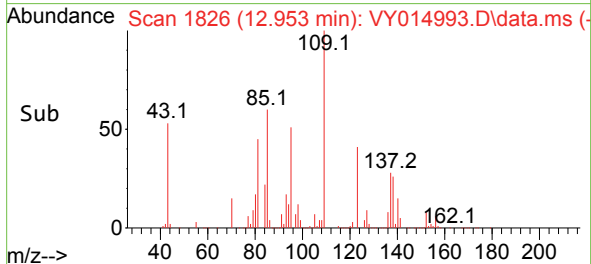
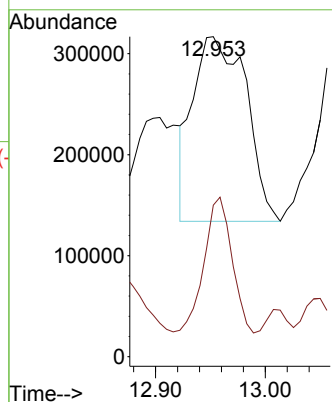
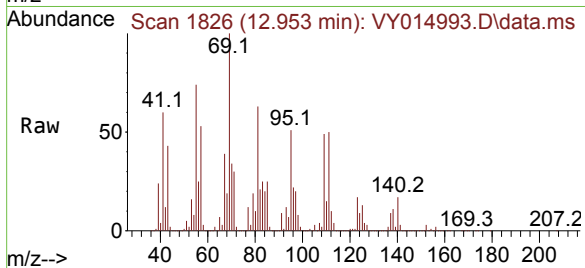
MW-10

Tgt Ion: 91 Resp: 615972

Ion Ratio Lower Upper

91 100

126 38.5 17.2 51.6



#83

tert-Butylbenzene

Concen: 103.907 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

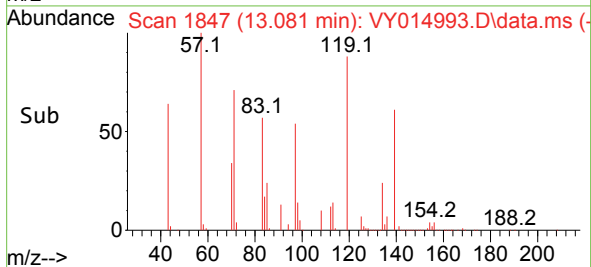
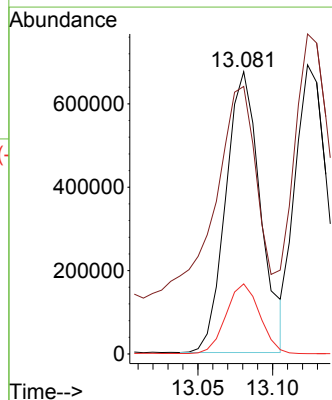
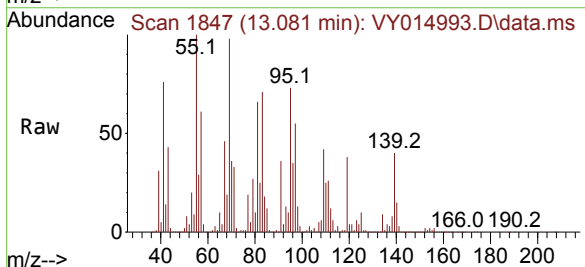
Tgt Ion: 119 Resp: 1092099

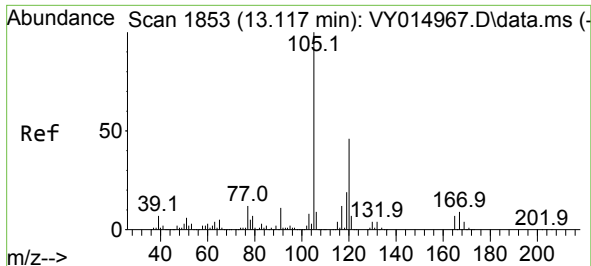
Ion Ratio Lower Upper

119 100

91 88.8 32.9 98.6

134 24.0 13.0 38.9

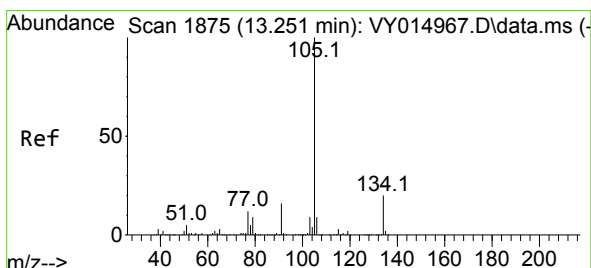
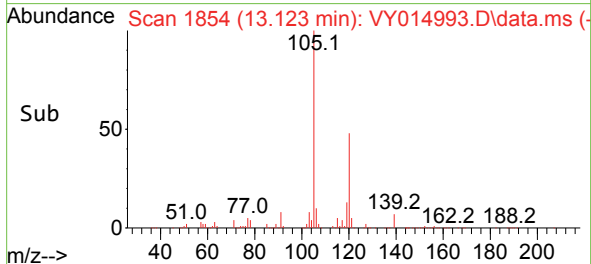
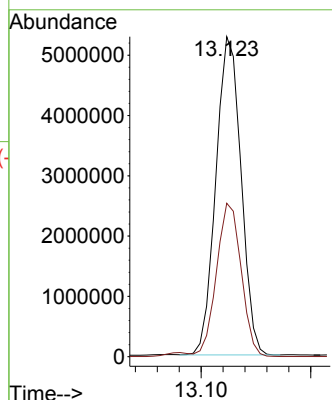
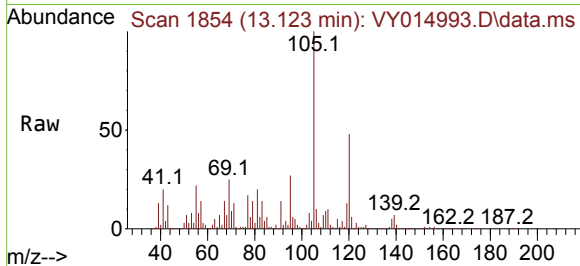




#84
1,2,4-Trimethylbenzene
Concen: 730.906 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

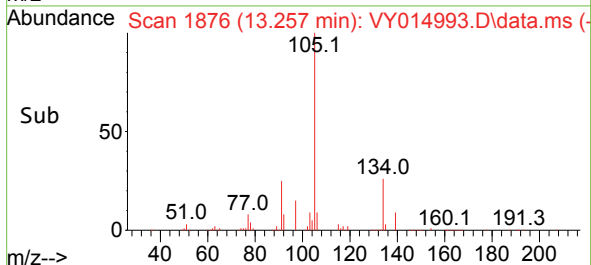
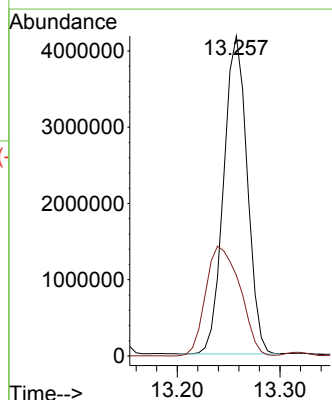
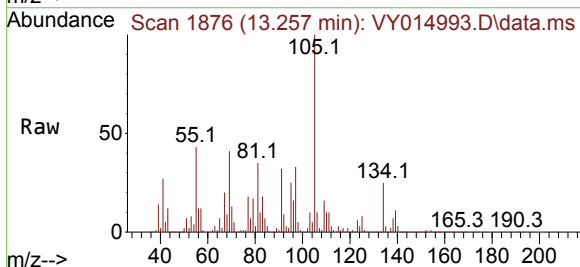
Instrument :
MSVOA_Y
ClientSampleId :
MW-10

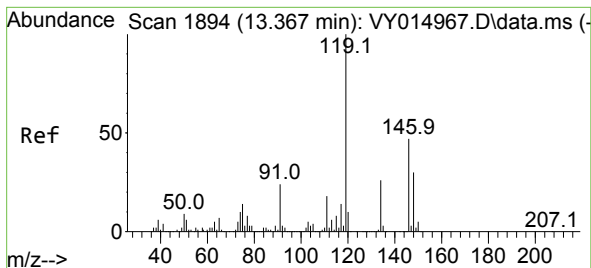
Tgt Ion:105 Resp: 8413543
Ion Ratio Lower Upper
105 100
120 47.4 22.2 66.6



#85
sec-Butylbenzene
Concen: 429.587 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion:105 Resp: 6626676
Ion Ratio Lower Upper
105 100
134 50.5 10.2 30.6#





#86

p-Isopropyltoluene

Concen: 103.186 ug/l

RT: 13.526 min Scan# 1920

Delta R.T. 0.159 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

MW-10

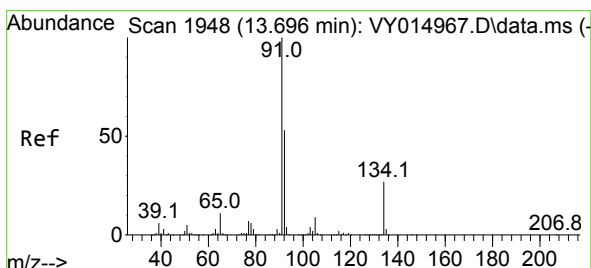
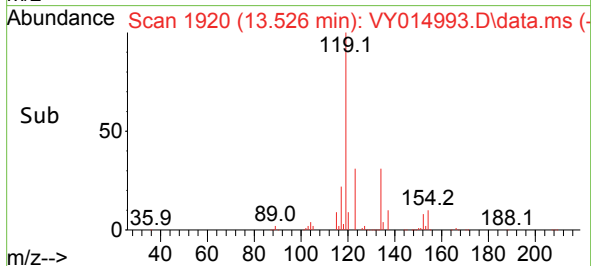
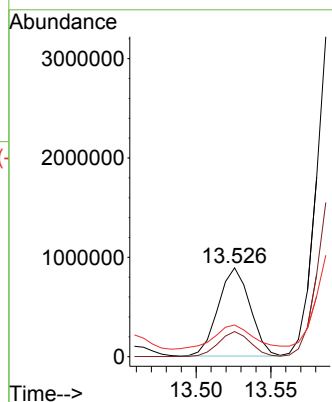
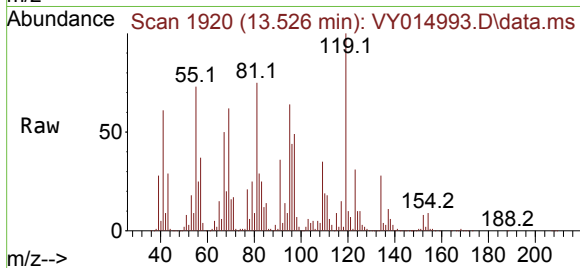
Tgt Ion:119 Resp: 1317553

Ion Ratio Lower Upper

119 100

134 28.1 13.3 39.8

91 34.0 12.4 37.4



#89

n-Butylbenzene

Concen: 398.886 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

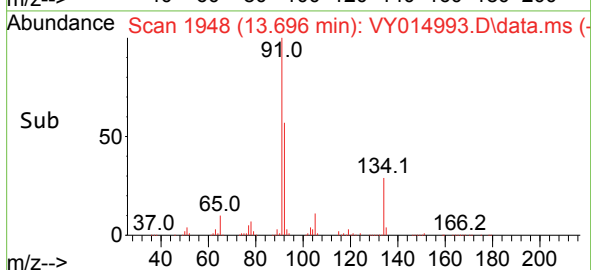
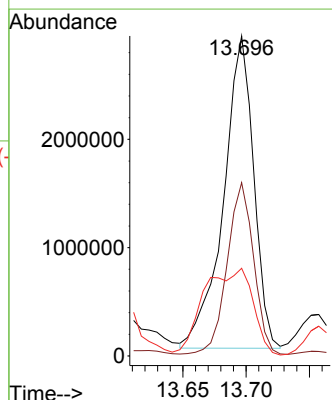
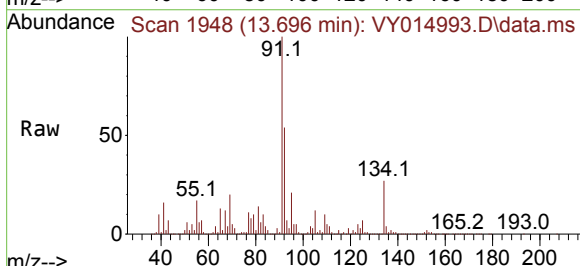
Tgt Ion: 91 Resp: 4785493

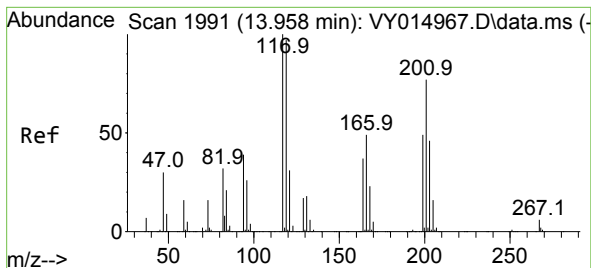
Ion Ratio Lower Upper

91 100

92 48.1 25.4 76.0

134 45.1 12.6 37.6#

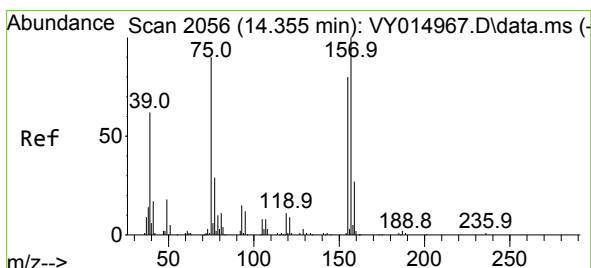
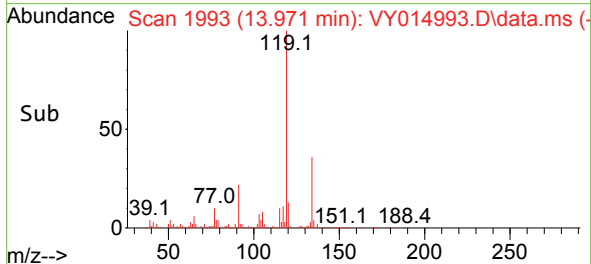
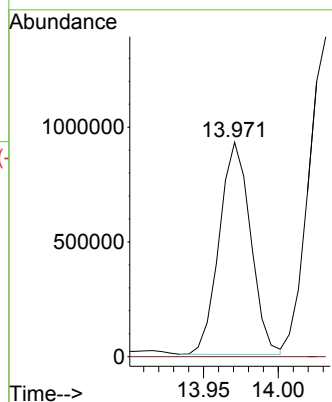
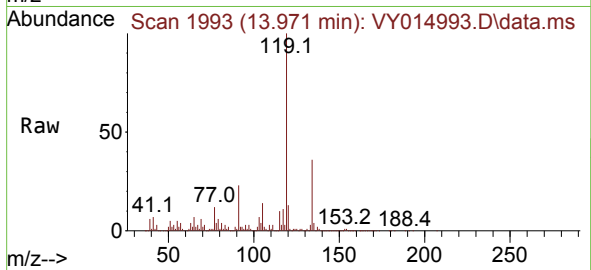




#90
Hexachloroethane
Concen: 542.959 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

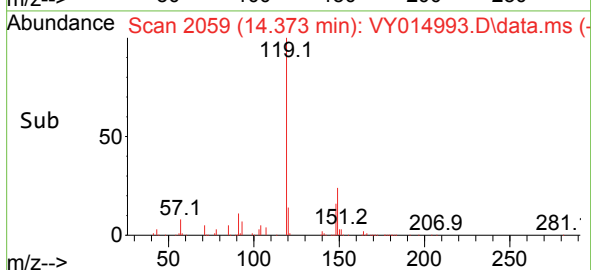
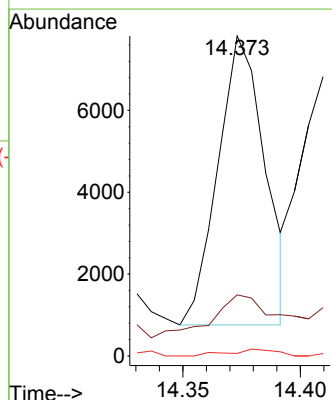
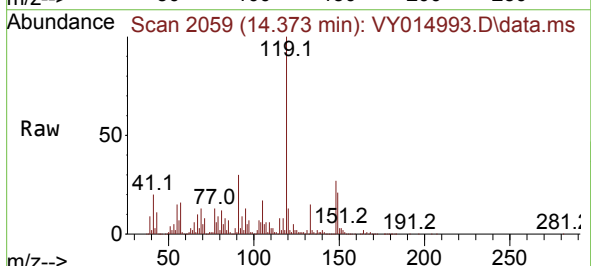
Instrument :
MSVOA_Y
ClientSampleId :
MW-10

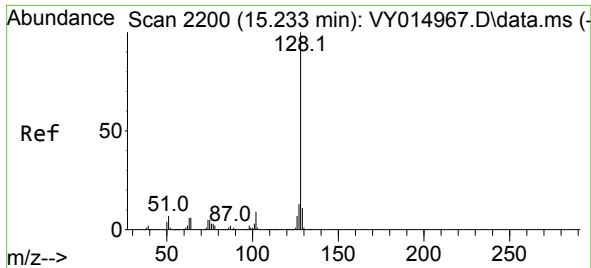
Tgt Ion:117 Resp: 1346322
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 14.785 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.018 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion: 75 Resp: 9836
Ion Ratio Lower Upper
75 100
155 27.0 41.5 124.6#
157 2.3 51.8 155.5#





#95

Naphthalene

Concen: 16.767 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY014993.D

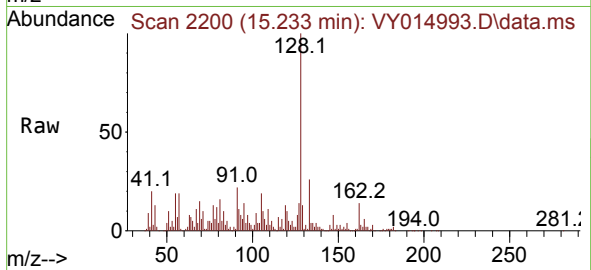
Acq: 08 Aug 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

MW-10



Tgt Ion:128 Resp: 154229

Ion Ratio Lower Upper

128 100

127 14.8 10.8 16.2

129 0.0 8.6 13.0#

