

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051623\
 Data File : VY013754.D
 Acq On : 16 May 2023 13:08
 Operator : KP/MD
 Sample : 02757-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1RE

Quant Time: May 17 07:45:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	3973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	6719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	7243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	4280	98.271	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 196.540%#	
35) Dibromofluoromethane	7.716	113	2790	66.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.040%	
50) Toluene-d8	10.179	98	8957	59.581	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 119.160%	
62) 4-Bromofluorobenzene	12.483	95	2415	47.651	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.300%	
Target Compounds						Qvalue
3) Chloromethane	2.119	50	607	11.989	ug/l #	78
5) Bromomethane	2.668	94	504	12.546	ug/l	84
10) Methyl Iodide	4.095	142	614	11.412	ug/l #	57
11) Tert butyl alcohol	4.948	59	27	6.140	ug/l #	89
14) Allyl chloride	4.473	41	236	3.080	ug/l #	68
15) Acrylonitrile	5.229	53	19	1.305	ug/l #	18
16) Acetone	3.948	43	166	9.678	ug/l #	43
18) Methyl Acetate	4.357	43	64	1.130	ug/l #	51
27) cis-1,2-Dichloroethene	6.972	96	57	1.143	ug/l #	1
29) Tetrahydrofuran	7.350	42	141	10.414	ug/l #	32
36) 1,1-Dichloropropene	7.795	75	221	3.151	ug/l #	40
38) Carbon Tetrachloride	7.795	117	389	5.292	ug/l #	11
41) Methacrylonitrile	7.314	41	63	2.562	ug/l #	26
48) Methyl methacrylate	9.307	41	83	2.029	ug/l #	12
49) 1,4-Dioxane	9.508	88	24	54.369	ug/l #	25
60) Dibromochloromethane	10.721	129	89	1.791	ug/l #	11
73) Isopropylbenzene	12.337	105	186	1.217	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.587	83	71	1.901	ug/l #	60
76) 1,2,3-Trichloropropane	12.654	75	47	1.725	ug/l #	100
78) n-propylbenzene	12.678	91	285	1.514	ug/l #	69
79) 2-Chlorotoluene	12.752	91	225	2.141	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.806	105	196	1.572	ug/l #	47
81) trans-1,4-Dichloro-2-b...	12.483	75	1432	107.526	ug/l #	12
82) 4-Chlorotoluene	12.880	91	173	1.579	ug/l #	39
83) tert-Butylbenzene	13.081	119	123	1.138	ug/l #	73
84) 1,2,4-Trimethylbenzene	13.123	105	363	2.994	ug/l	72
85) sec-Butylbenzene	13.252	105	228	1.406	ug/l #	56
86) p-Isopropyltoluene	13.373	119	189	1.449	ug/l #	50
87) 1,3-Dichlorobenzene	13.367	146	169	2.396	ug/l	83
88) 1,4-Dichlorobenzene	13.367	146	169	2.372	ug/l	84
89) n-Butylbenzene	13.703	91	292	2.294	ug/l #	46
91) 1,2-Dichlorobenzene	13.739	146	203	3.187	ug/l	95
93) 1,2,4-Trichlorobenzene	15.019	180	68	1.791	ug/l #	46
95) Naphthalene	15.239	128	574	6.967	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.416	180	174	5.141	ug/l #	71

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

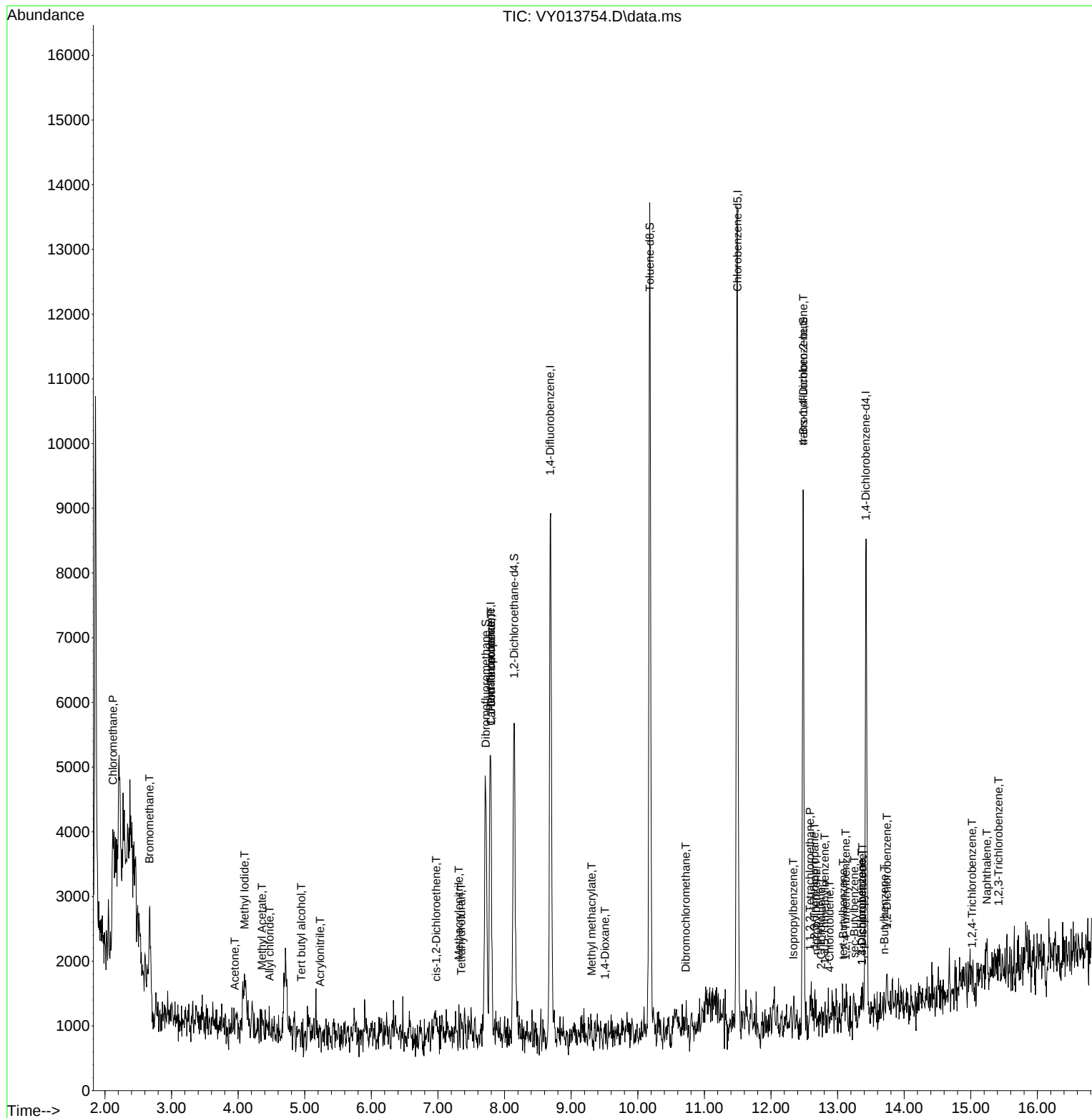
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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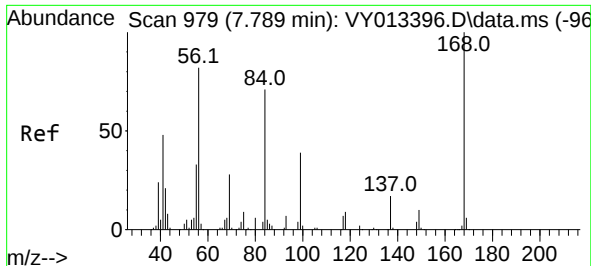
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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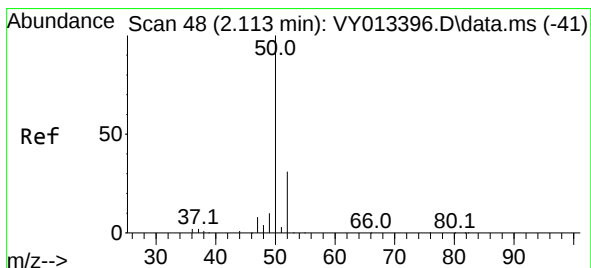
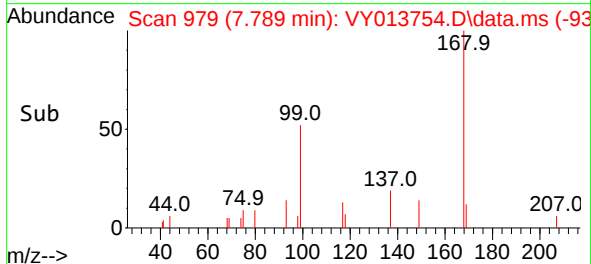
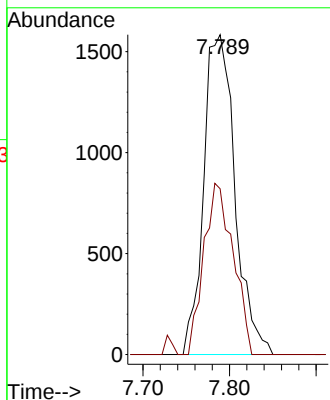
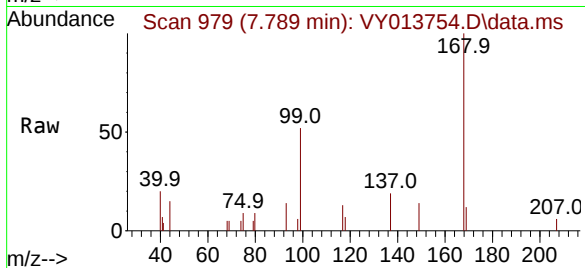




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013754.D
Acq: 16 May 2023 13:08

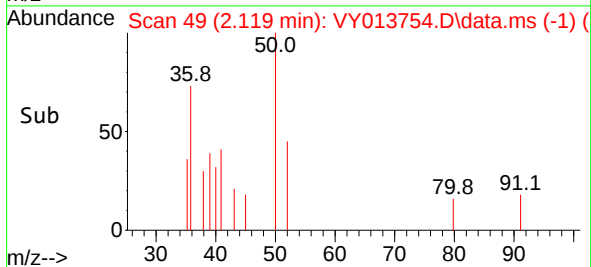
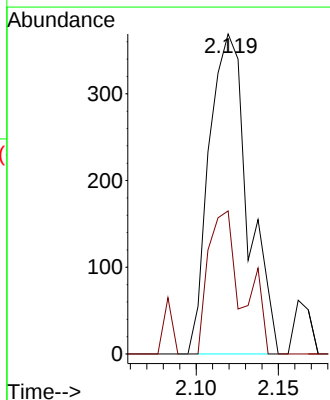
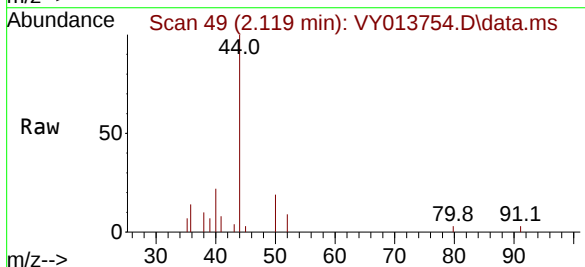
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

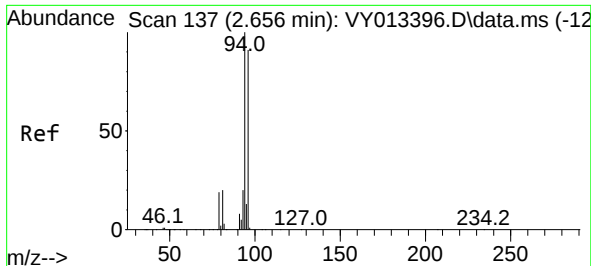
Tgt Ion:168 Resp: 3973
Ion Ratio Lower Upper
168 100
99 51.8 41.8 62.6



#3
Chloromethane
Concen: 11.989 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY013754.D
Acq: 16 May 2023 13:08

Tgt Ion: 50 Resp: 607
Ion Ratio Lower Upper
50 100
52 44.7 25.9 38.9#

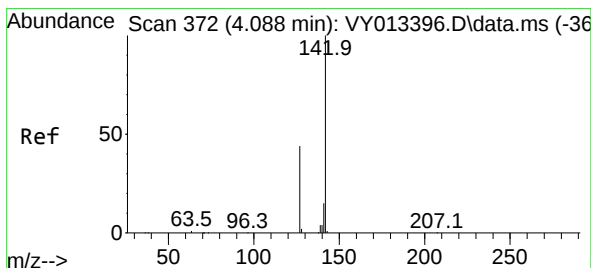
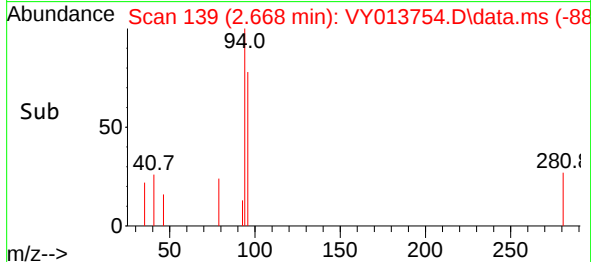
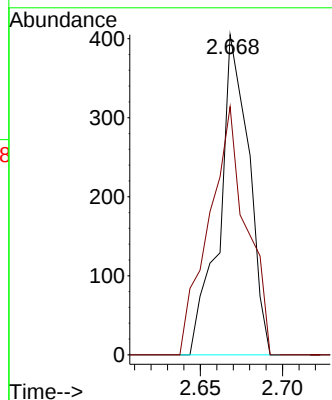
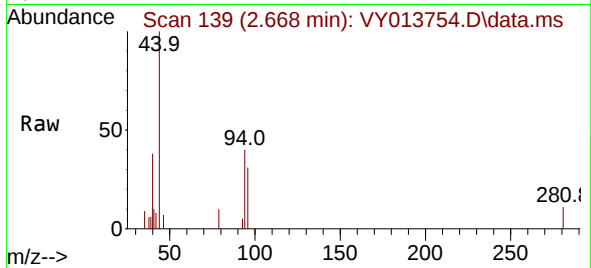




#5
Bromomethane
Concen: 12.546 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY013754.D
Acq: 16 May 2023 13:08

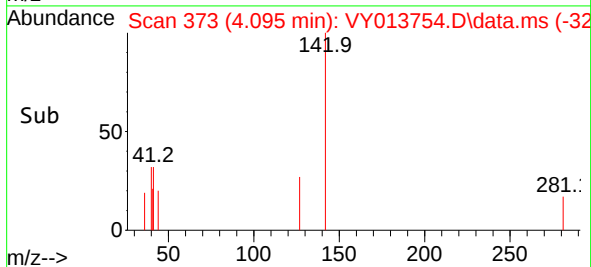
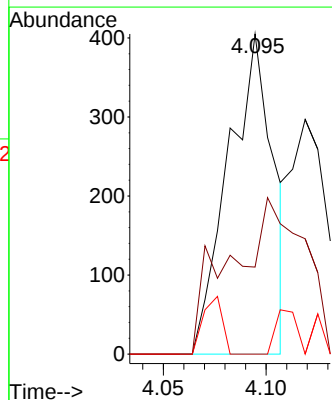
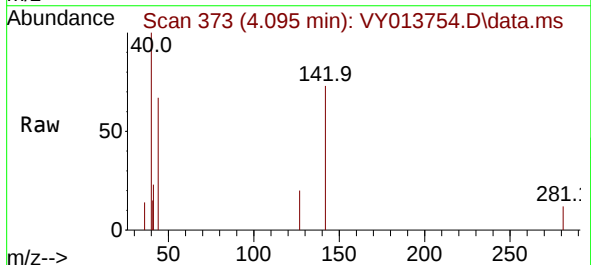
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

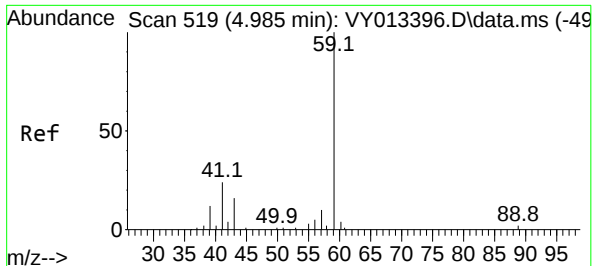
Tgt Ion: 94 Resp: 504
Ion Ratio Lower Upper
94 100
96 77.5 74.2 111.2



#10
Methyl Iodide
Concen: 11.412 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY013754.D
Acq: 16 May 2023 13:08

Tgt Ion: 142 Resp: 614
Ion Ratio Lower Upper
142 100
127 80.1 36.1 54.1#
141 9.6 11.6 17.4#

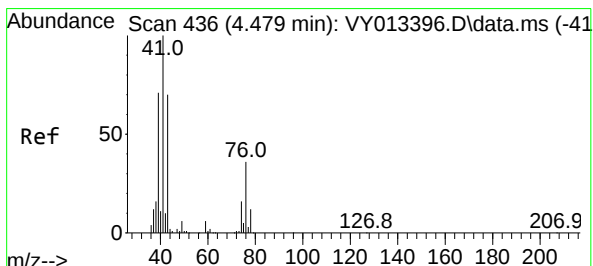
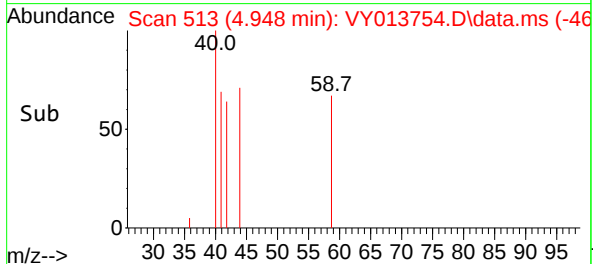
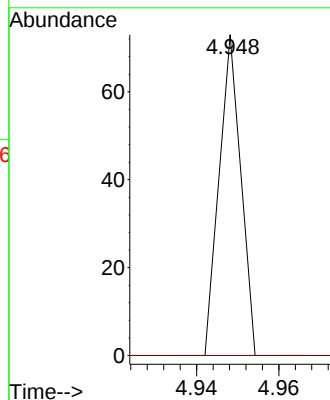
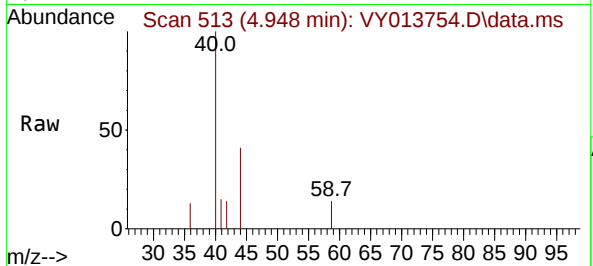




#11
Tert butyl alcohol
Concen: 6.140 ug/l
RT: 4.948 min Scan# 519
Delta R.T. -0.030 min
Lab File: VY013754.D
Acq: 16 May 2023 13:08

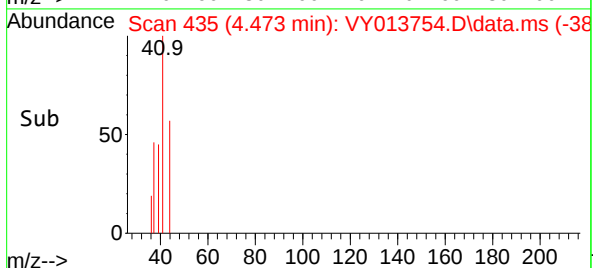
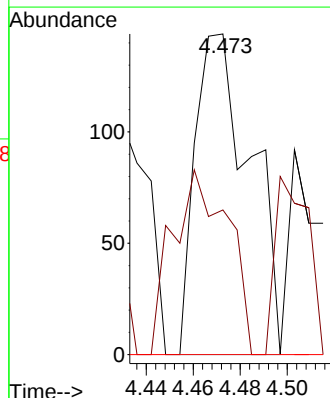
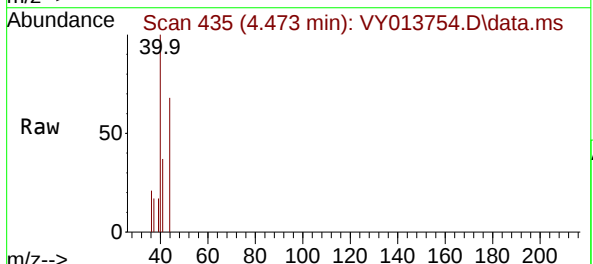
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

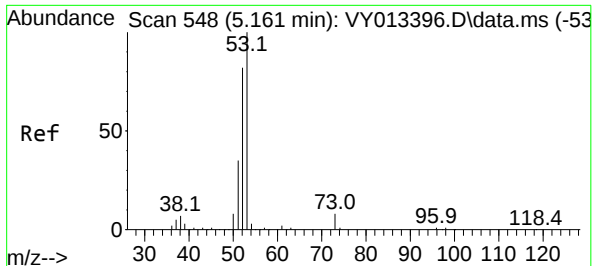
Tgt Ion: 59 Resp: 27
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#14
Allyl chloride
Concen: 3.080 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY013754.D
Acq: 16 May 2023 13:08

Tgt Ion: 41 Resp: 236
Ion Ratio Lower Upper
41 100
39 58.1 56.6 85.0
76 0.0 30.5 45.7#





#15

Acrylonitrile

Concen: 1.305 ug/l

RT: 5.229 min Scan# 51

Delta R.T. 0.068 min

Lab File: VY013754.D

Acq: 16 May 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

WC-1RE

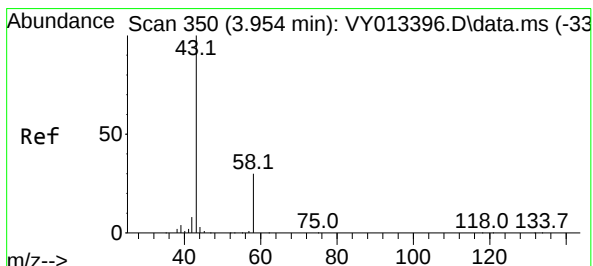
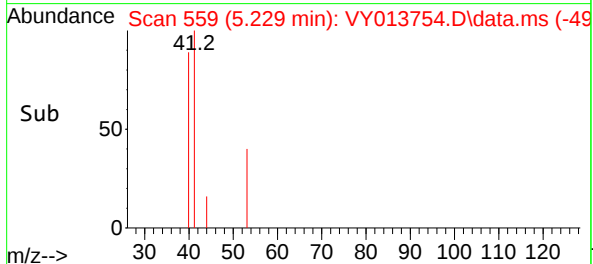
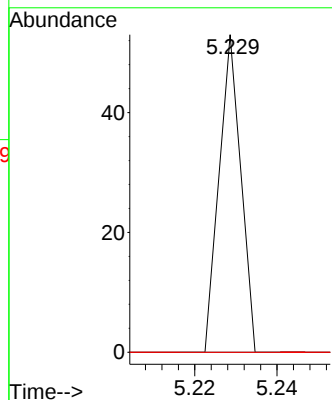
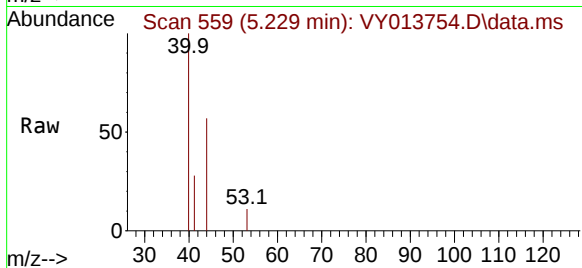
Tgt Ion: 53 Resp: 19

Ion Ratio Lower Upper

53 100

52 0.0 65.4 98.0#

51 0.0 29.3 43.9#



#16

Acetone

Concen: 9.678 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY013754.D

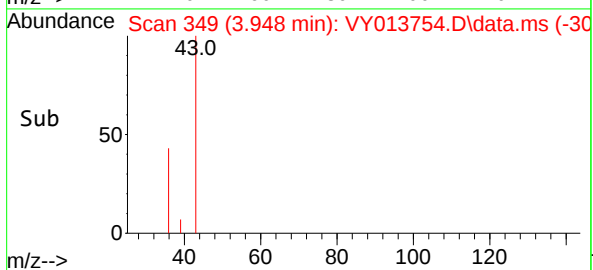
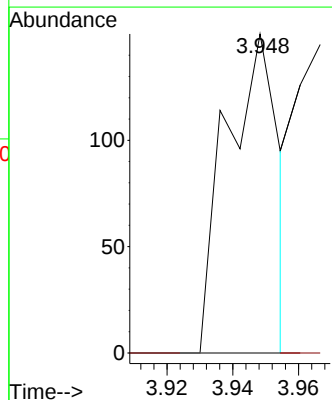
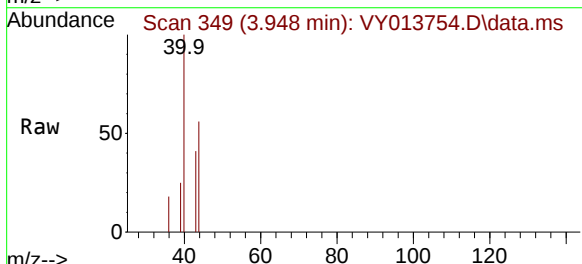
Acq: 16 May 2023 13:08

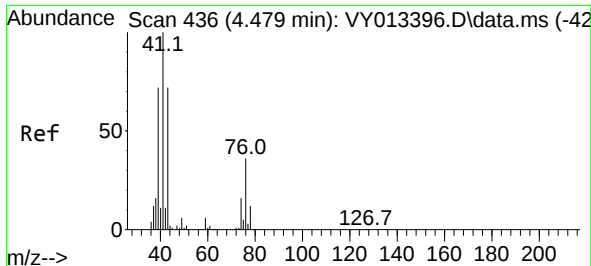
Tgt Ion: 43 Resp: 166

Ion Ratio Lower Upper

43 100

58 0.0 25.4 38.0#





#18

Methyl Acetate

Concen: 1.130 ug/l

RT: 4.357 min Scan# 41

Delta R.T. -0.121 min

Lab File: VY013754.D

Acq: 16 May 2023 13:08

Instrument :

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ClientSampleId :

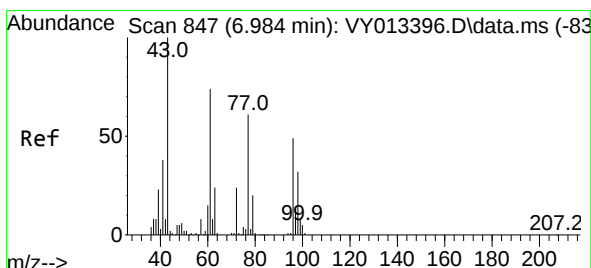
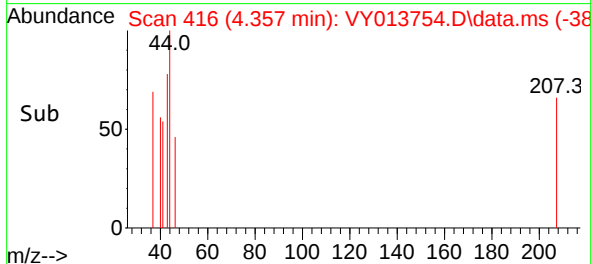
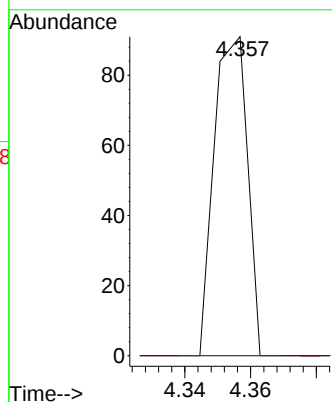
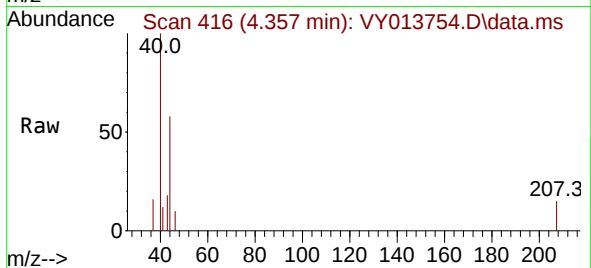
WC-1RE

Tgt Ion: 43 Resp: 64

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#27

cis-1,2-Dichloroethene

Concen: 1.143 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY013754.D

Acq: 16 May 2023 13:08

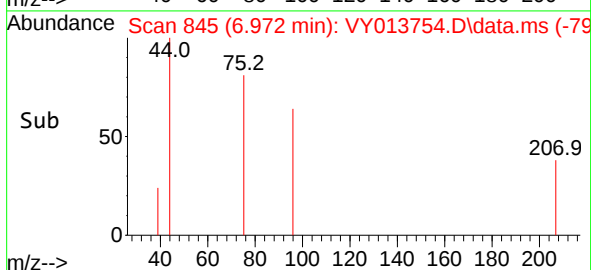
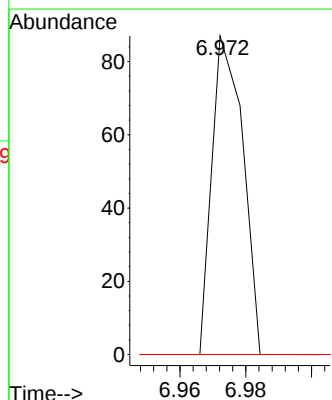
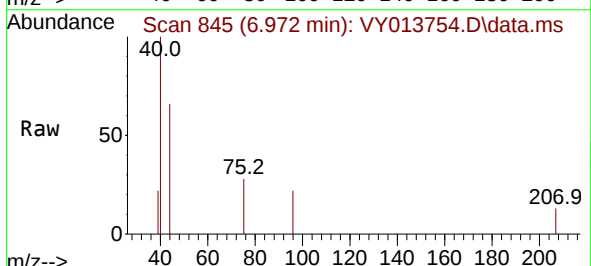
Tgt Ion: 96 Resp: 57

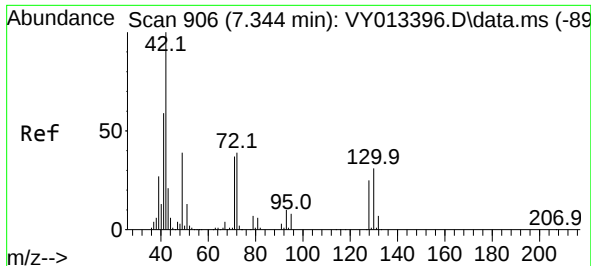
Ion Ratio Lower Upper

96 100

61 0.0 0.0 285.0

98 0.0 0.0 130.6





#29

Tetrahydrofuran

Concen: 10.414 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013754.D

Acq: 16 May 2023 13:08

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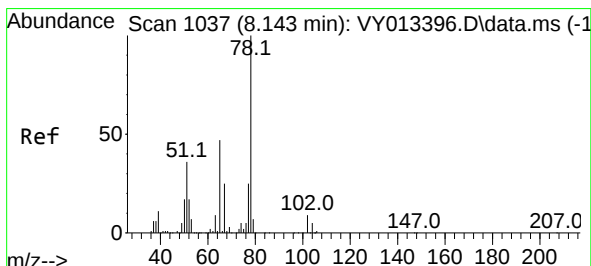
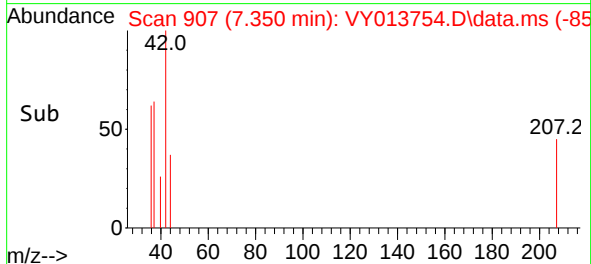
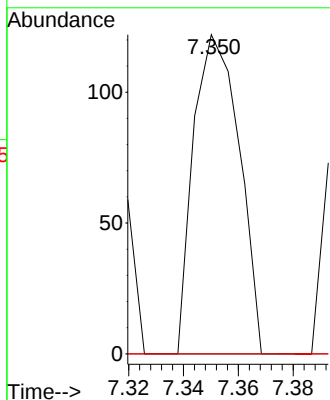
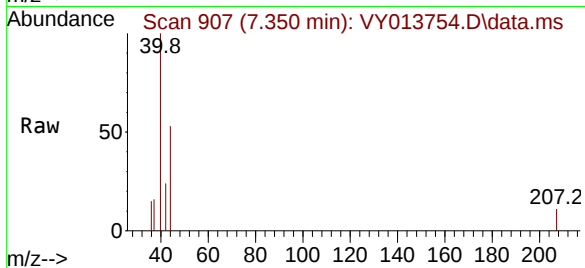
Tgt Ion: 42 Resp: 141

Ion Ratio Lower Upper

42 100

72 0.0 35.9 53.9#

71 0.0 34.3 51.5#



#33

1,2-Dichloroethane-d4

Concen: 98.271 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY013754.D

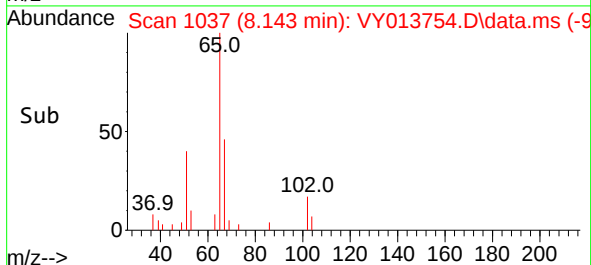
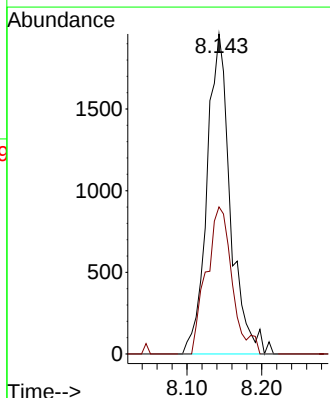
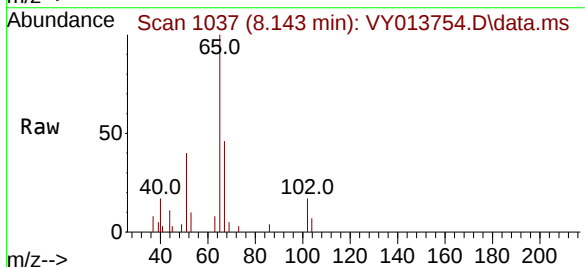
Acq: 16 May 2023 13:08

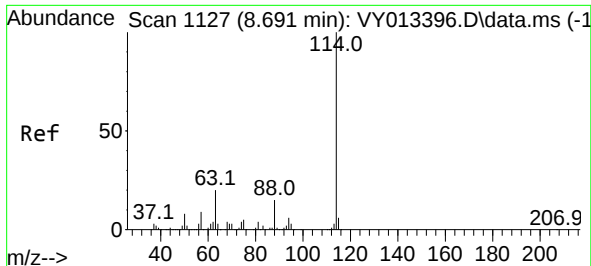
Tgt Ion: 65 Resp: 4280

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013754.D

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WC-1RE

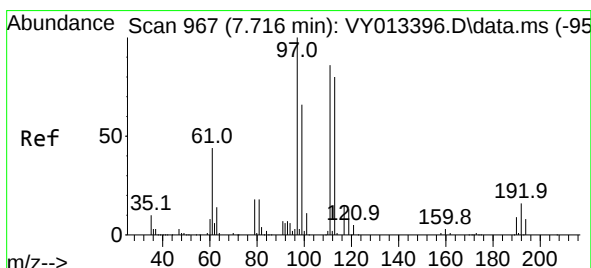
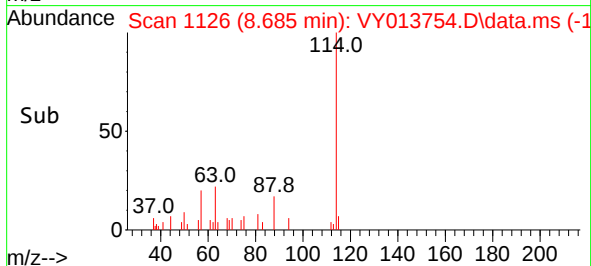
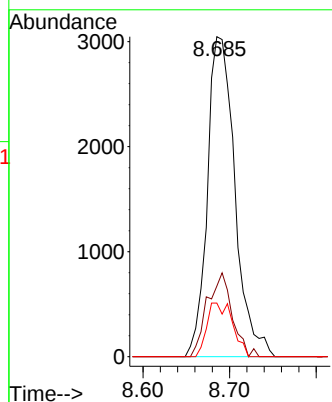
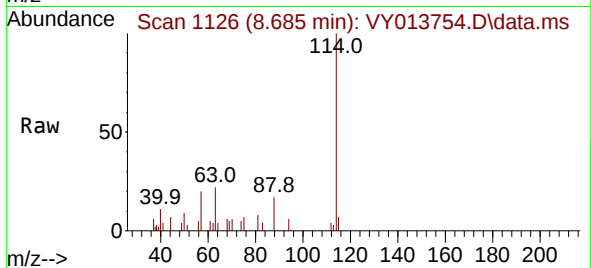
Tgt Ion:114 Resp: 6719

Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.6

88 16.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 66.021 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013754.D

Acq: 16 May 2023 13:08

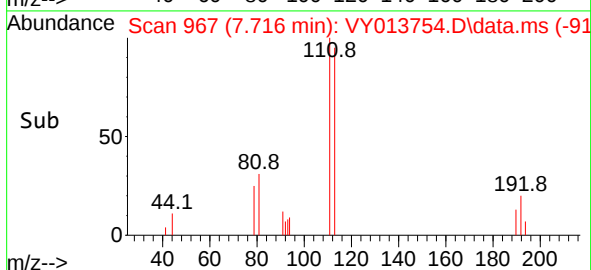
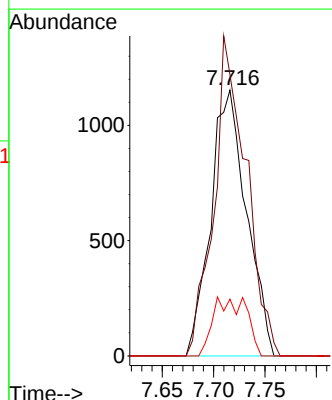
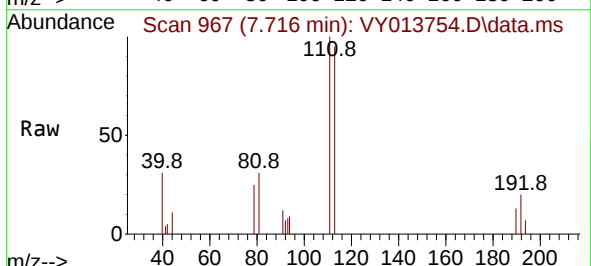
Tgt Ion:113 Resp: 2790

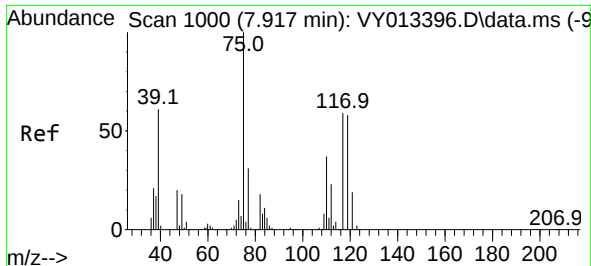
Ion Ratio Lower Upper

113 100

111 108.3 82.2 123.2

192 20.5 16.7 25.1





#36

1,1-Dichloropropene

Concen: 3.151 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.122 min

Lab File: VY013754.D

Acq: 16 May 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

WC-1RE

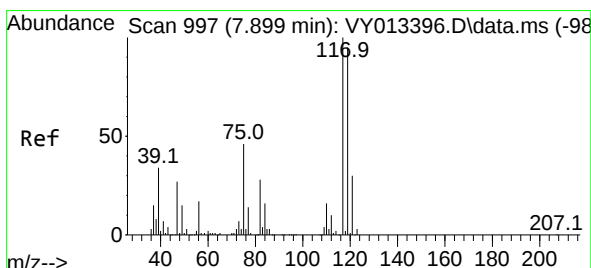
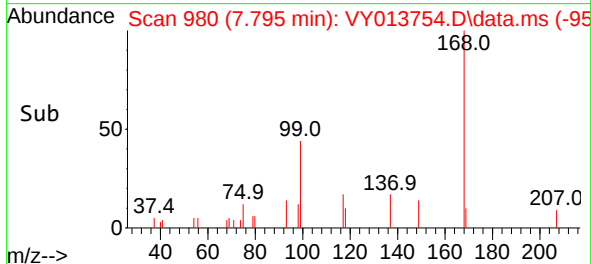
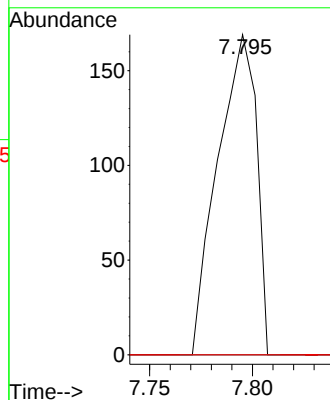
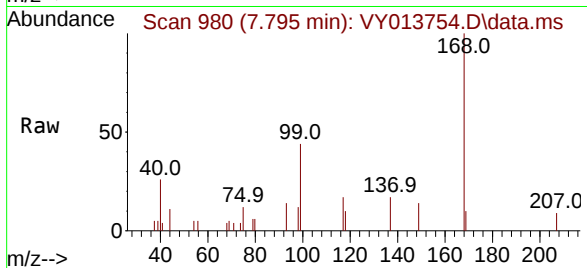
Tgt Ion: 75 Resp: 221

Ion Ratio Lower Upper

75 100

110 0.0 18.7 56.1#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.292 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY013754.D

Acq: 16 May 2023 13:08

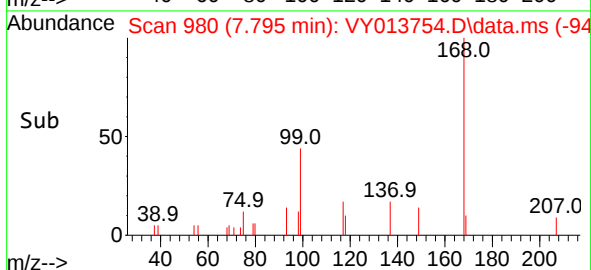
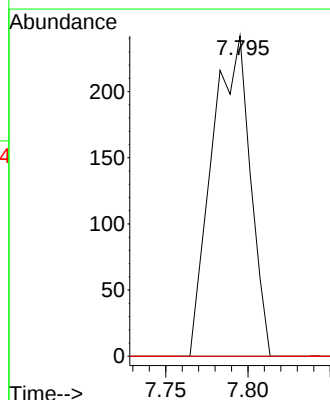
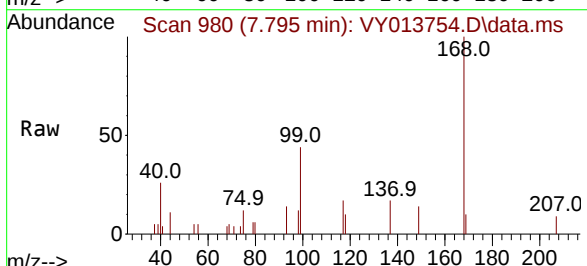
Tgt Ion: 117 Resp: 389

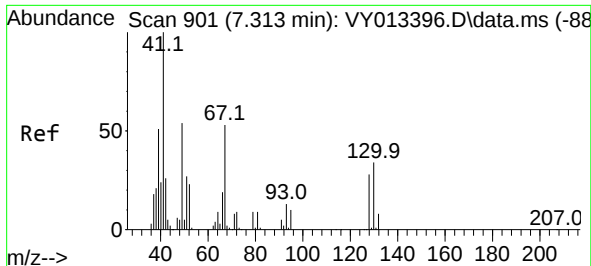
Ion Ratio Lower Upper

117 100

119 0.0 79.0 118.6#

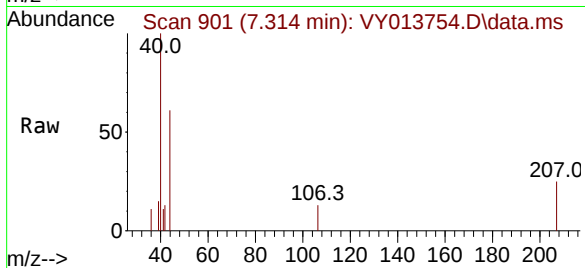
121 0.0 26.6 40.0#



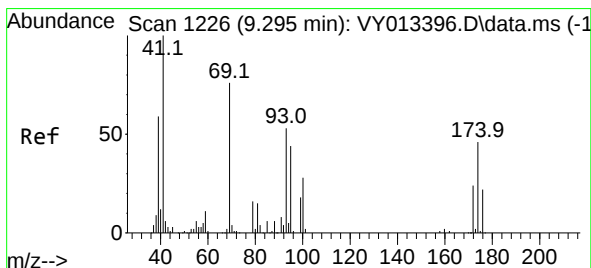
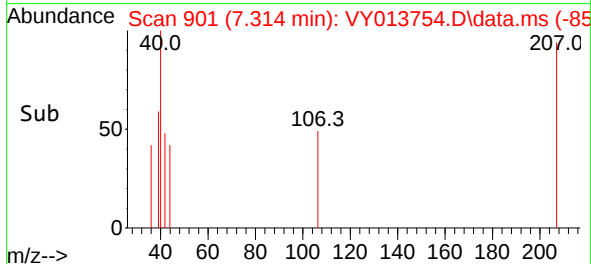
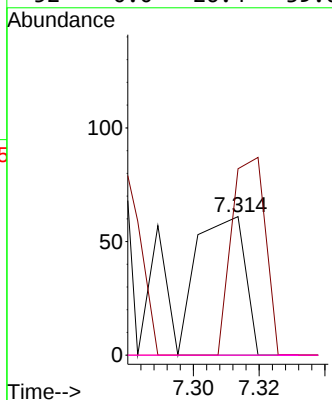


#41
Methacrylonitrile
Concen: 2.562 ug/l
RT: 7.314 min Scan# 901
Delta R.T. 0.007 min
Lab File: VY013754.D
Acq: 16 May 2023 13:08

Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

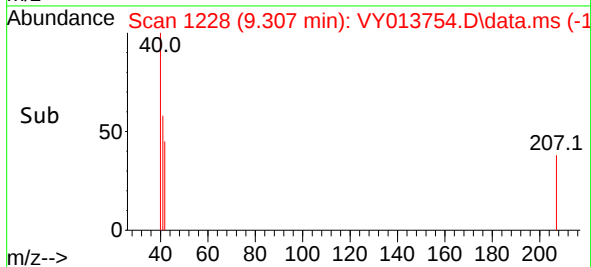
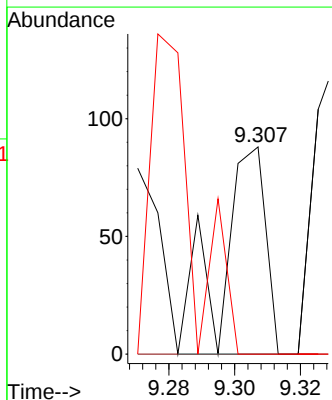
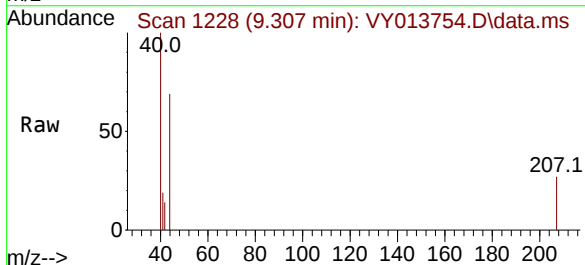


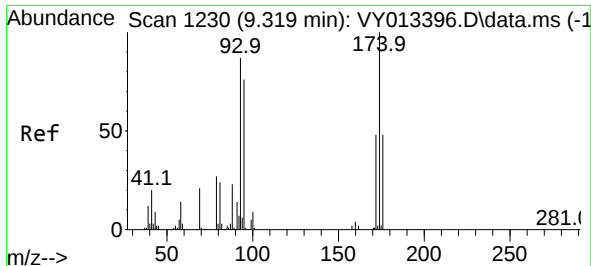
Tgt Ion:	41	Resp:	63
Ion	Ratio	Lower	Upper
41	100		
39	98.4	44.2	66.4#
67	0.0	62.9	94.3#
52	0.0	26.4	39.6#



#48
Methyl methacrylate
Concen: 2.029 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.018 min
Lab File: VY013754.D
Acq: 16 May 2023 13:08

Tgt Ion:	41	Resp:	83
Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	0.0	47.9	71.9#





#49

1,4-Dioxane

Concen: 54.369 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. 0.201 min

Lab File: VY013754.D

Acq: 16 May 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

WC-1RE

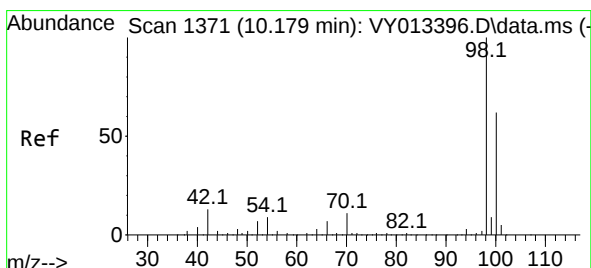
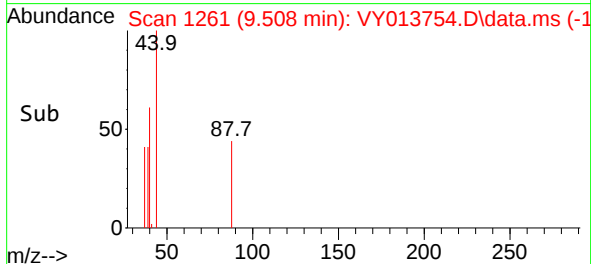
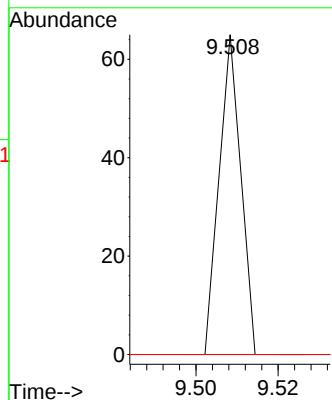
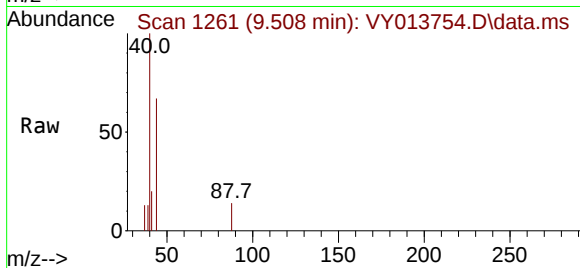
Tgt Ion: 88 Resp: 24

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 0.0 54.3 81.5#



#50

Toluene-d8

Concen: 59.581 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013754.D

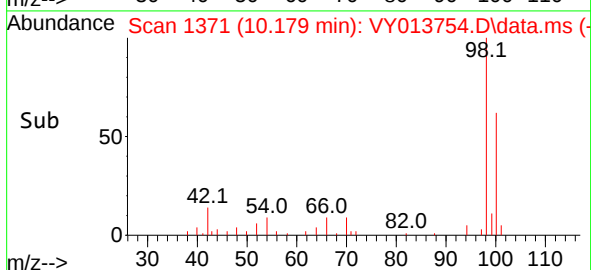
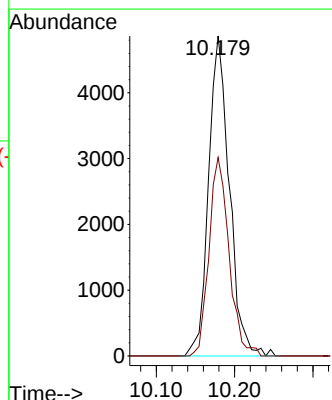
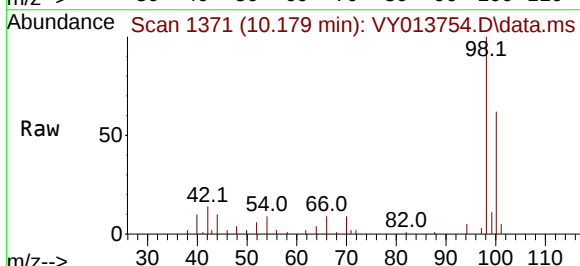
Acq: 16 May 2023 13:08

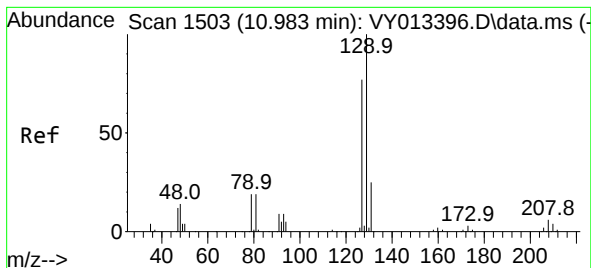
Tgt Ion: 98 Resp: 8957

Ion Ratio Lower Upper

98 100

100 59.8 50.5 75.7





#60

Dibromochloromethane

Concen: 1.791 ug/l

RT: 10.721 min Scan# 14

Delta R.T. -0.262 min

Lab File: VY013754.D

Acq: 16 May 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

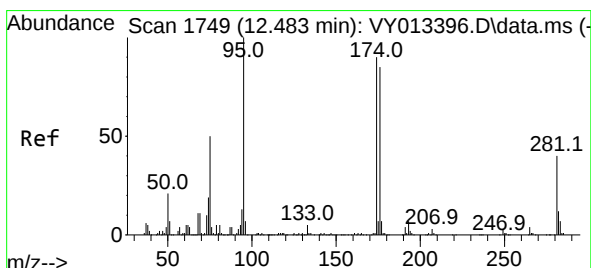
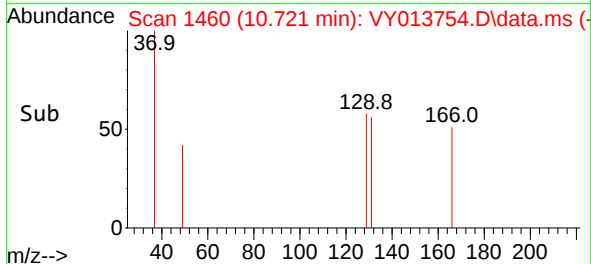
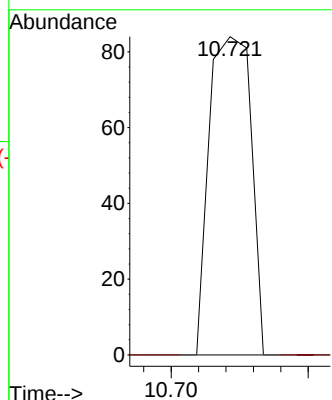
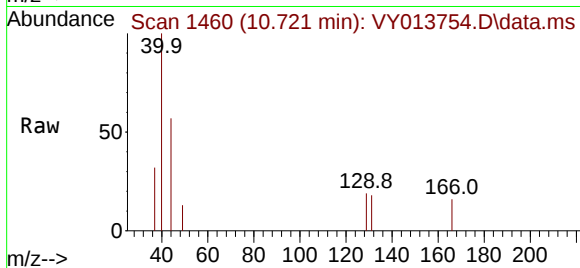
WC-1RE

Tgt Ion:129 Resp: 89

Ion Ratio Lower Upper

129 100

127 0.0 38.7 116.1#



#62

4-Bromofluorobenzene

Concen: 47.651 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013754.D

Acq: 16 May 2023 13:08

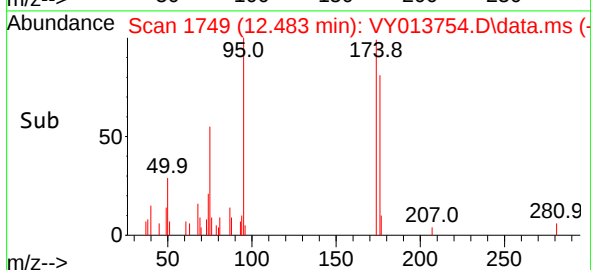
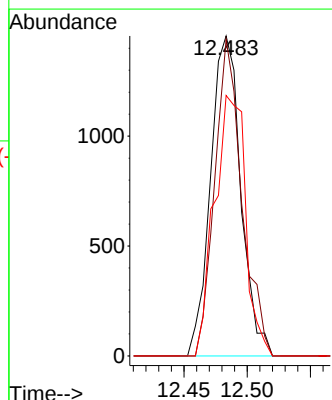
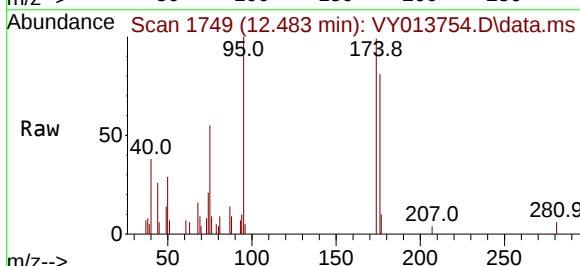
Tgt Ion: 95 Resp: 2415

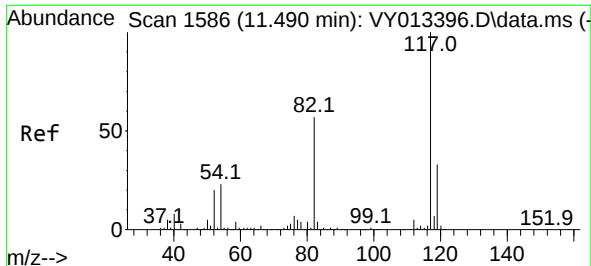
Ion Ratio Lower Upper

95 100

174 89.1 0.0 182.0

176 83.7 0.0 175.4

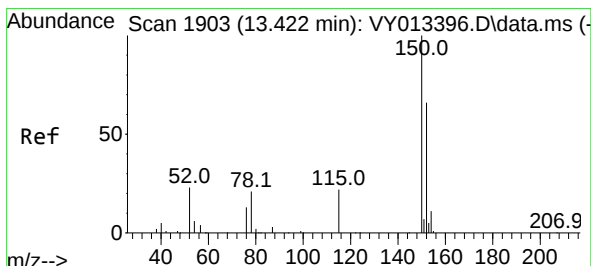
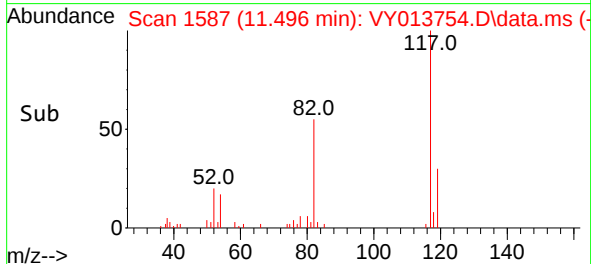
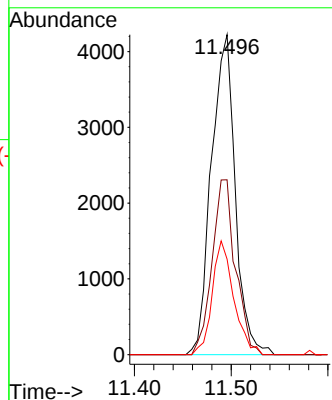
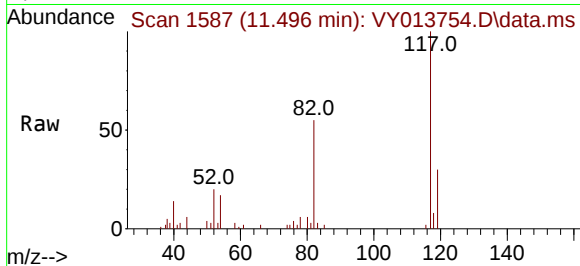




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.007 min
Lab File: VY013754.D
Acq: 16 May 2023 13:08

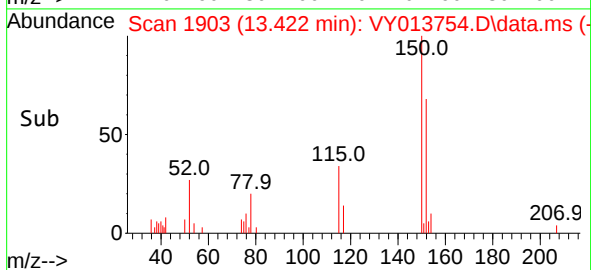
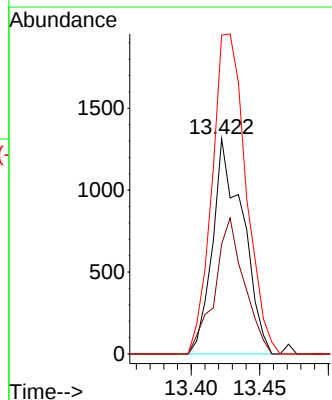
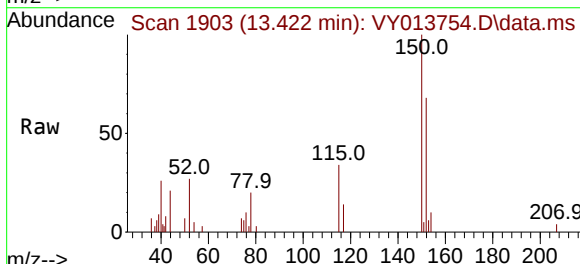
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

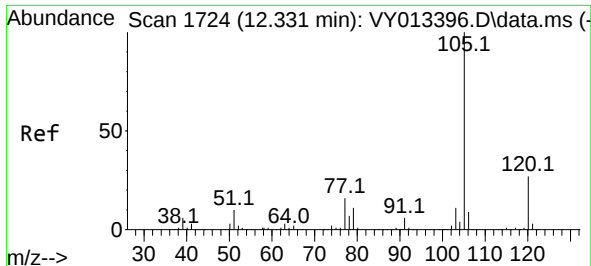
Tgt Ion:117	Resp:	7243
Ion	Ratio	Lower Upper
117	100	
82	54.6	43.0 64.6
119	29.8	25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013754.D
Acq: 16 May 2023 13:08

Tgt Ion:152	Resp:	2020
Ion	Ratio	Lower Upper
152	100	
115	61.2	28.1 84.2
150	166.5	0.0 352.0

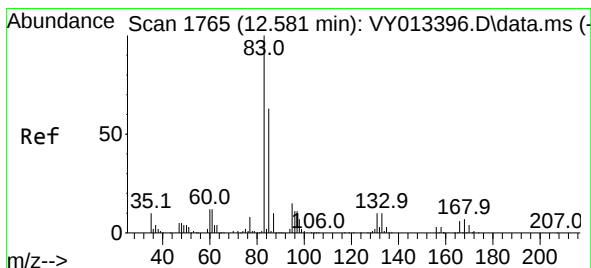
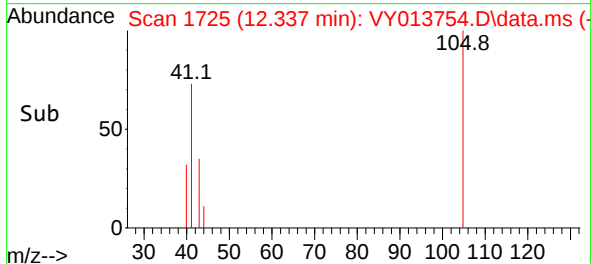
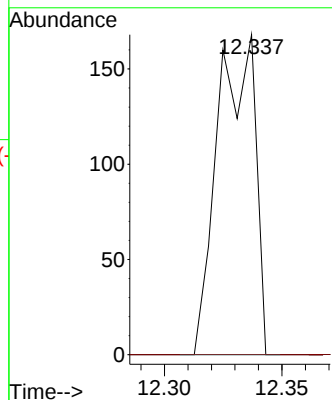
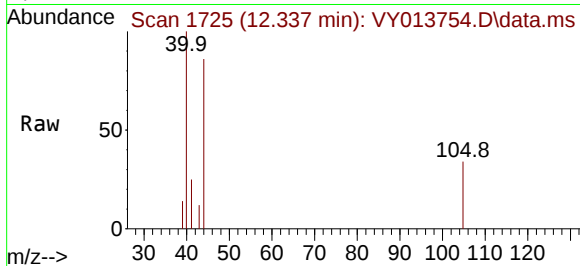




#73
Isopropylbenzene
Concen: 1.217 ug/l
RT: 12.337 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY013754.D
Acq: 16 May 2023 13:08

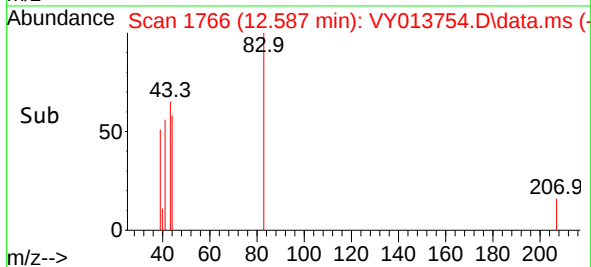
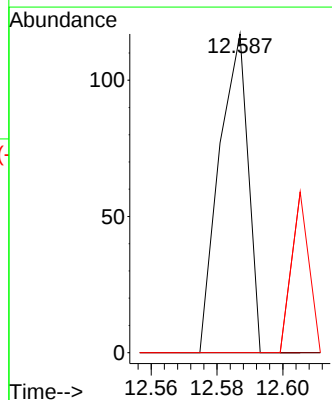
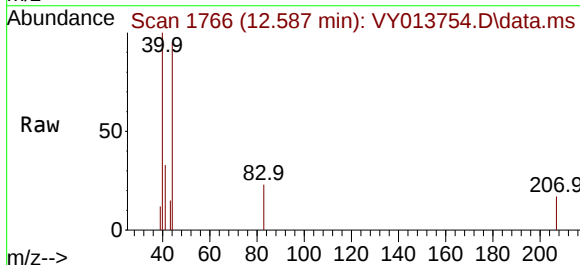
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

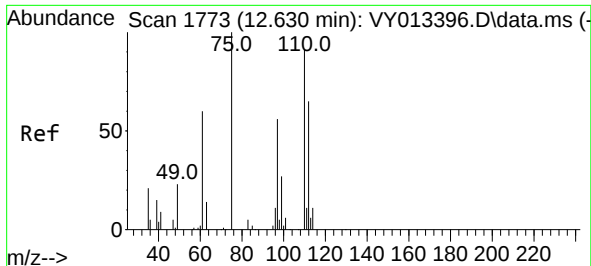
Tgt Ion:105 Resp: 186
Ion Ratio Lower Upper
105 100
120 0.0 13.7 41.0#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.901 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY013754.D
Acq: 16 May 2023 13:08

Tgt Ion: 83 Resp: 71
Ion Ratio Lower Upper
83 100
131 0.0 5.7 17.0#
85 31.0 31.8 95.4#

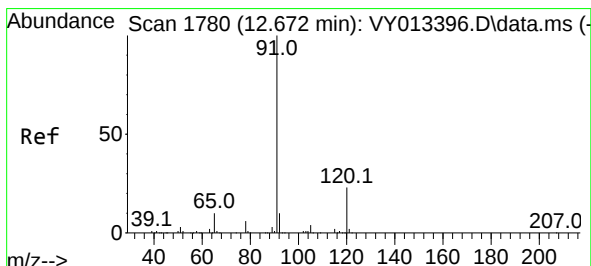
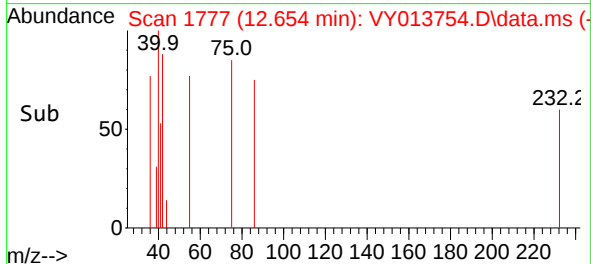
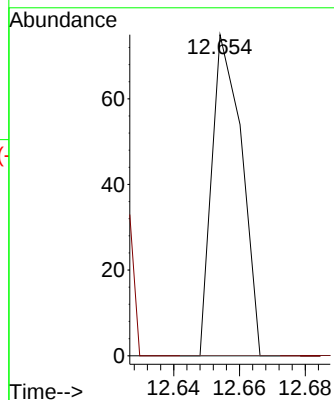
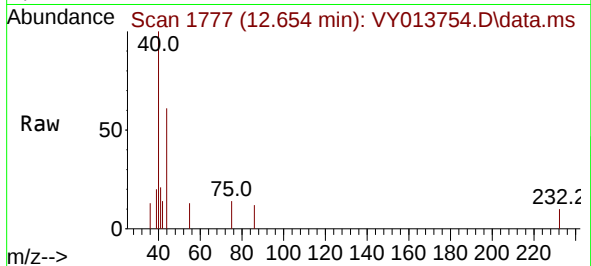




#76
1,2,3-Trichloropropane
Concen: 1.725 ug/l
RT: 12.654 min Scan# 1777
Delta R.T. 0.025 min
Lab File: VY013754.D
Acq: 16 May 2023 13:08

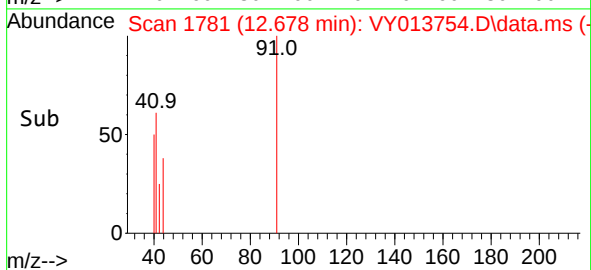
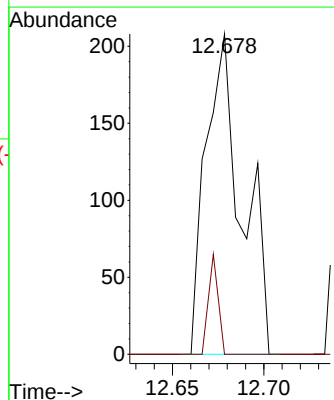
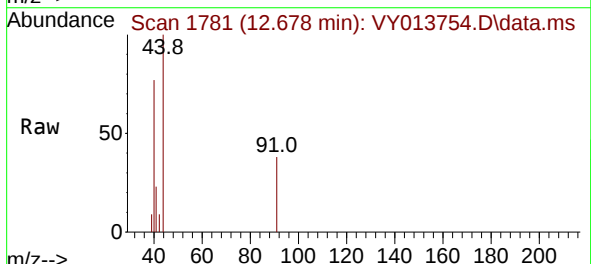
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

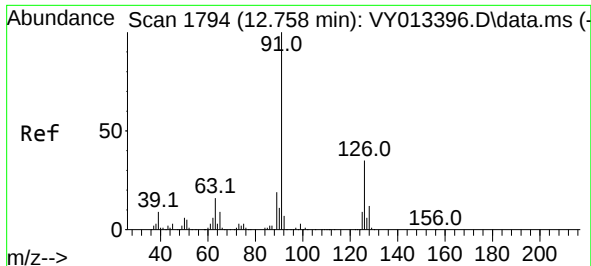
Tgt Ion: 75 Resp: 47
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#78
n-propylbenzene
Concen: 1.514 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY013754.D
Acq: 16 May 2023 13:08

Tgt Ion: 91 Resp: 285
Ion Ratio Lower Upper
91 100
120 8.4 11.9 35.9#





#79

2-Chlorotoluene

Concen: 2.141 ug/l

RT: 12.752 min Scan# 11

Delta R.T. -0.005 min

Lab File: VY013754.D

Acq: 16 May 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

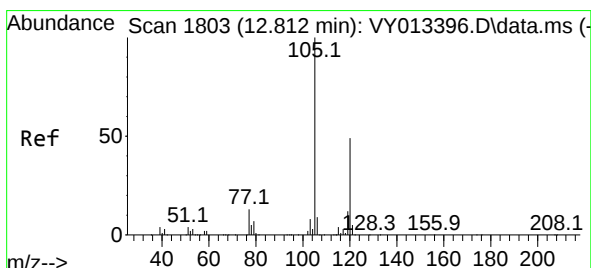
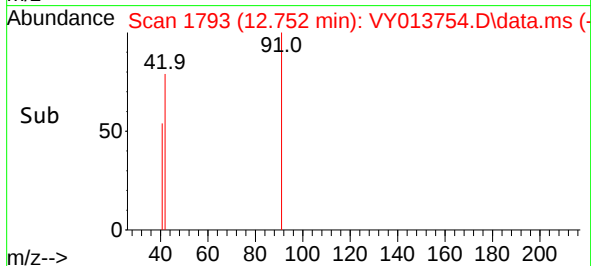
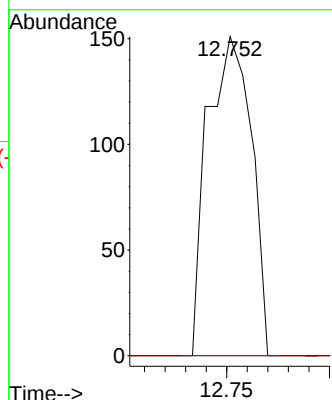
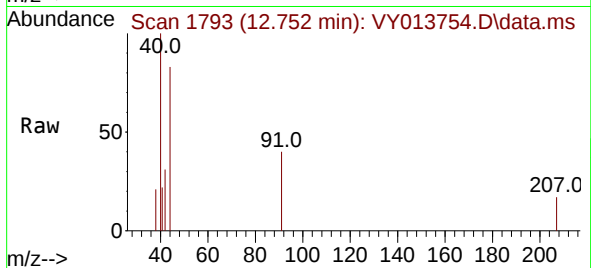
WC-1RE

Tgt Ion: 91 Resp: 225

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.4#



#80

1,3,5-Trimethylbenzene

Concen: 1.572 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY013754.D

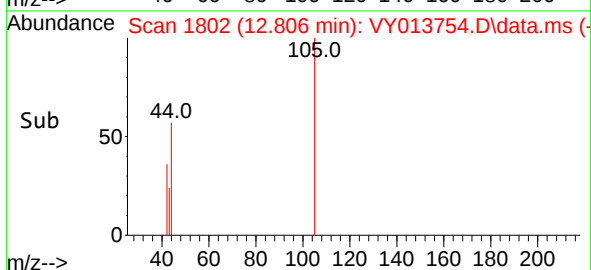
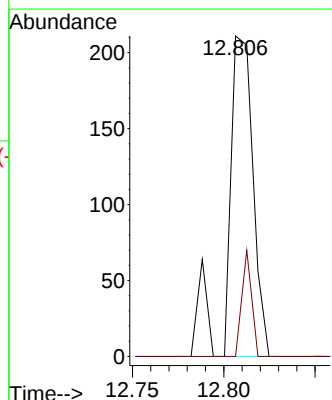
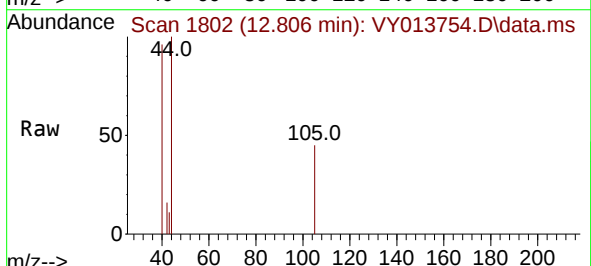
Acq: 16 May 2023 13:08

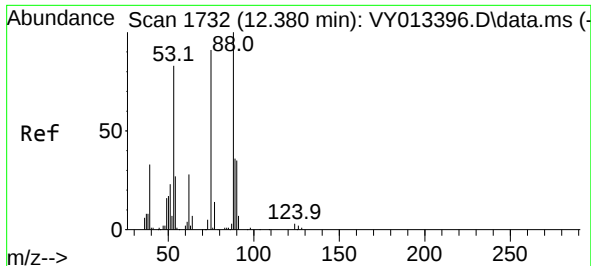
Tgt Ion: 105 Resp: 196

Ion Ratio Lower Upper

105 100

120 13.3 24.7 74.1#

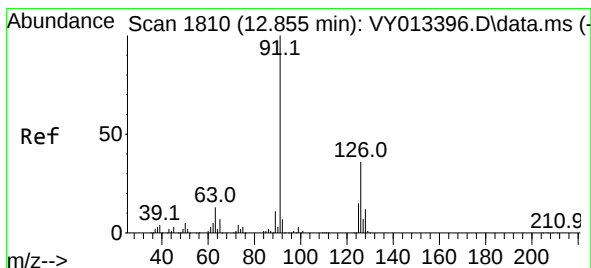
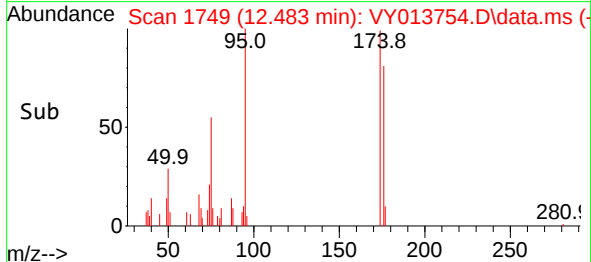
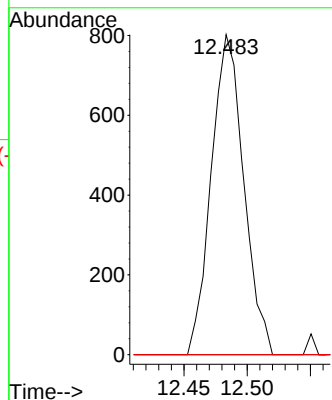
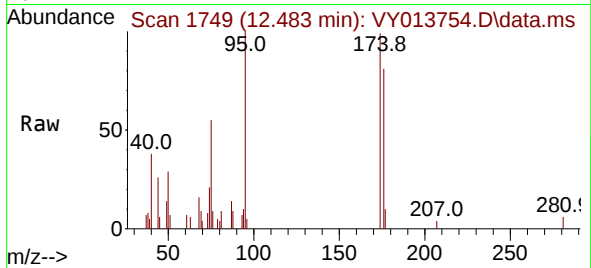




#81
trans-1,4-Dichloro-2-butene
Concen: 107.526 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013754.D
Acq: 16 May 2023 13:08

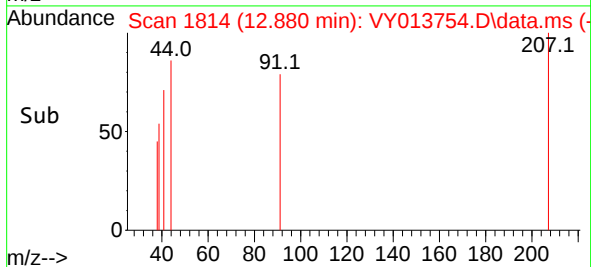
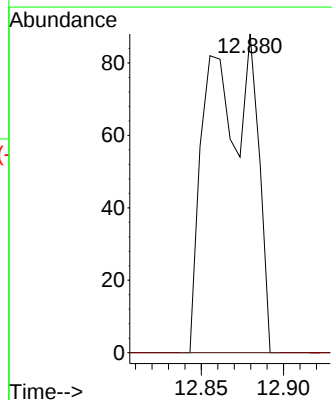
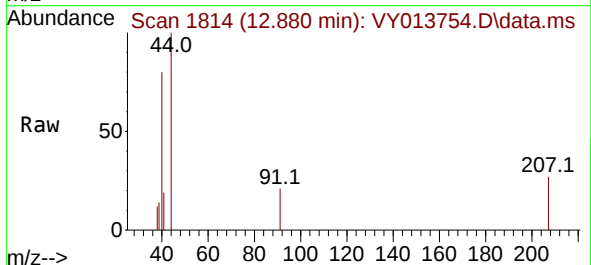
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

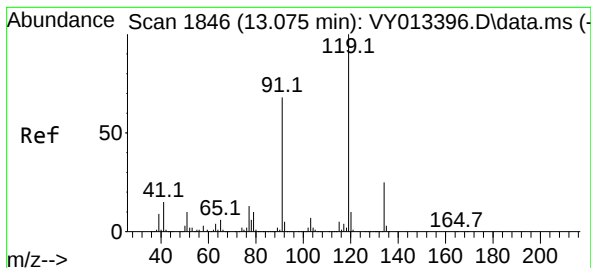
Tgt Ion: 75 Resp: 1432
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 0.0 38.0 57.0#



#82
4-Chlorotoluene
Concen: 1.579 ug/l
RT: 12.880 min Scan# 1814
Delta R.T. 0.025 min
Lab File: VY013754.D
Acq: 16 May 2023 13:08

Tgt Ion: 91 Resp: 173
Ion Ratio Lower Upper
91 100
126 0.0 17.9 53.8#





#83

tert-Butylbenzene

Concen: 1.138 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.007 min

Lab File: VY013754.D

Acq: 16 May 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

WC-1RE

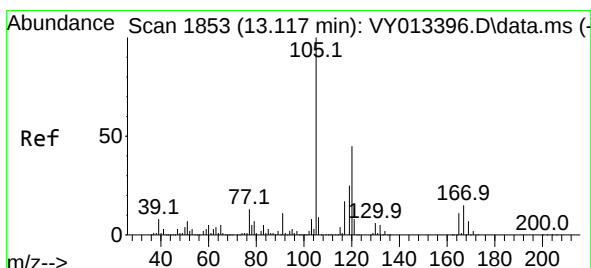
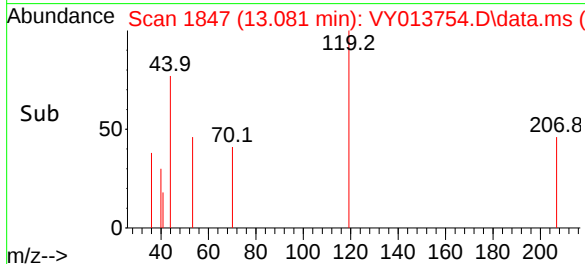
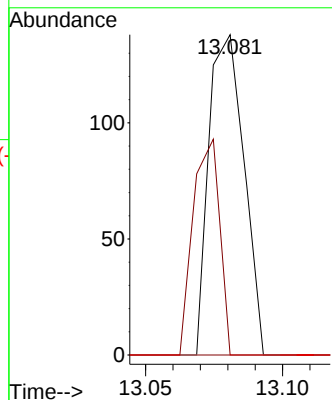
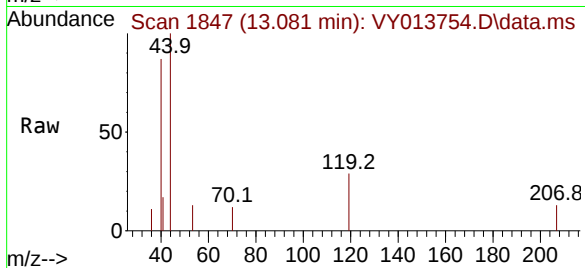
Tgt Ion:119 Resp: 123

Ion Ratio Lower Upper

119 100

91 51.2 32.2 96.6

134 0.0 13.0 38.9#



#84

1,2,4-Trimethylbenzene

Concen: 2.994 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY013754.D

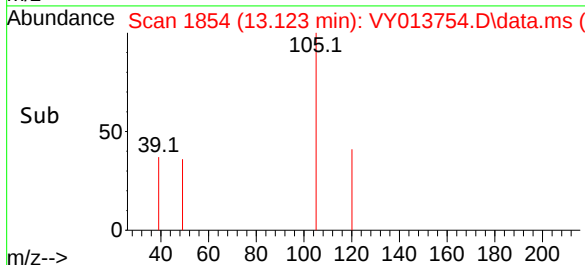
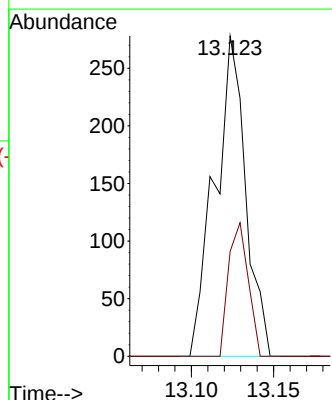
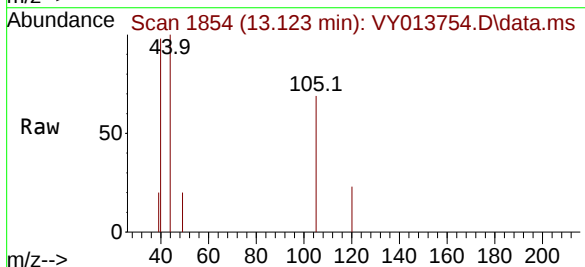
Acq: 16 May 2023 13:08

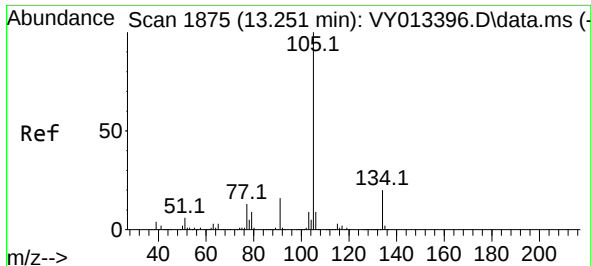
Tgt Ion:105 Resp: 363

Ion Ratio Lower Upper

105 100

120 26.4 22.3 66.9

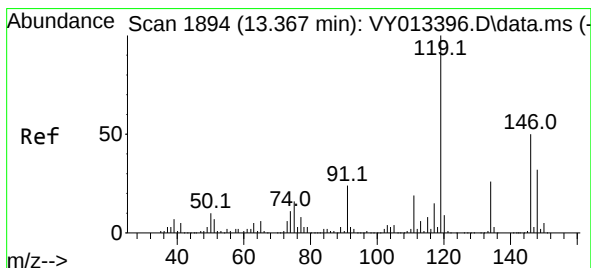
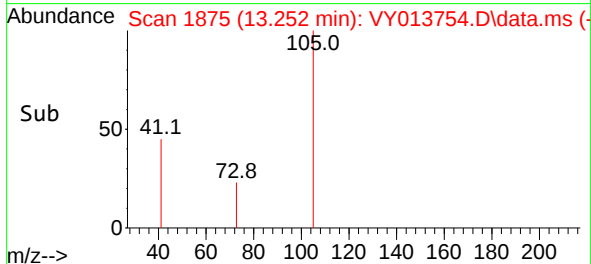
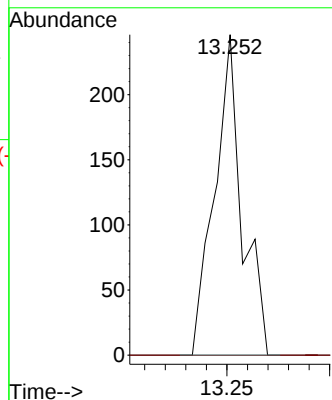
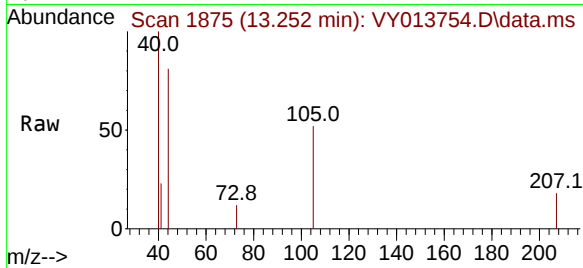




#85
 sec-Butylbenzene
 Concen: 1.406 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. 0.001 min
 Lab File: VY013754.D
 Acq: 16 May 2023 13:08

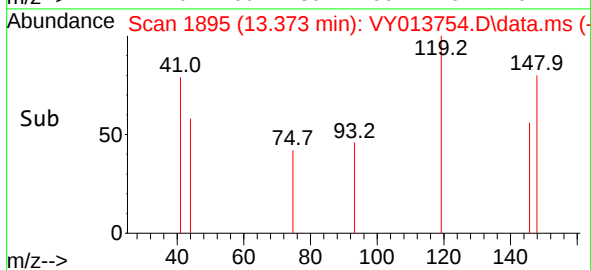
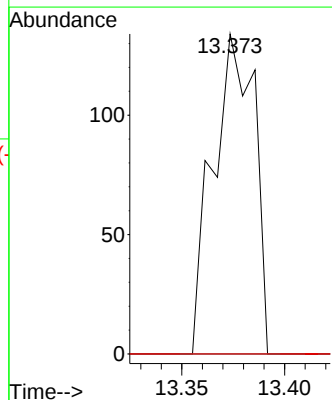
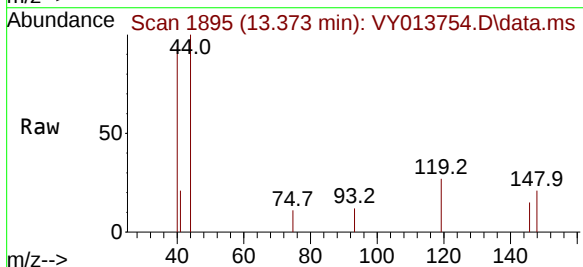
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1RE

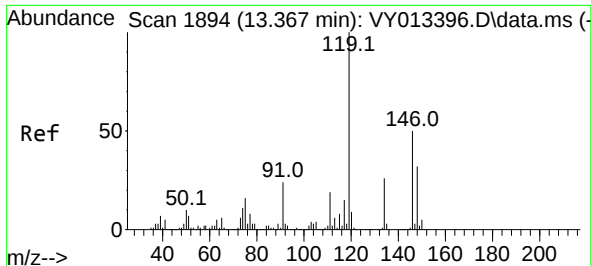
Tgt Ion:105 Resp: 228
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.9#



#86
 p-Isopropyltoluene
 Concen: 1.449 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY013754.D
 Acq: 16 May 2023 13:08

Tgt Ion:119 Resp: 189
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.4 40.2#
 91 0.0 12.1 36.3#





#87

1,3-Dichlorobenzene

Concen: 2.396 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013754.D

Acq: 16 May 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

WC-1RE

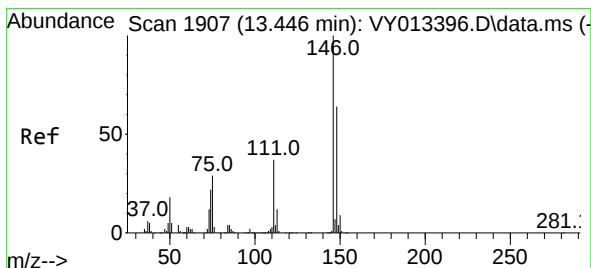
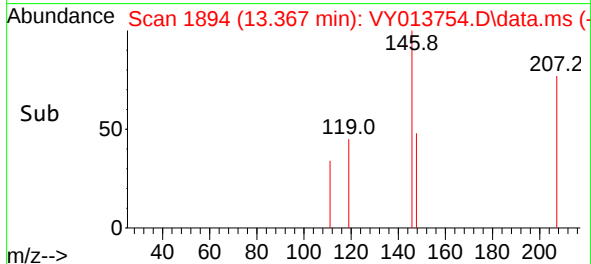
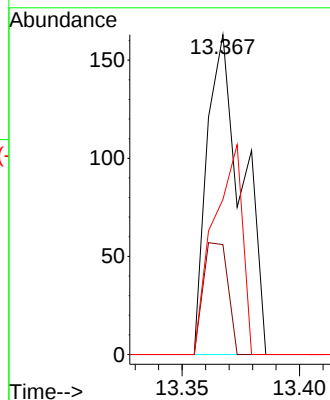
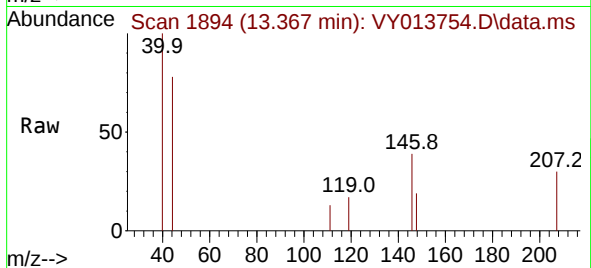
Tgt Ion:146 Resp: 169

Ion Ratio Lower Upper

146 100

111 24.3 19.3 57.9

148 53.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 2.372 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.079 min

Lab File: VY013754.D

Acq: 16 May 2023 13:08

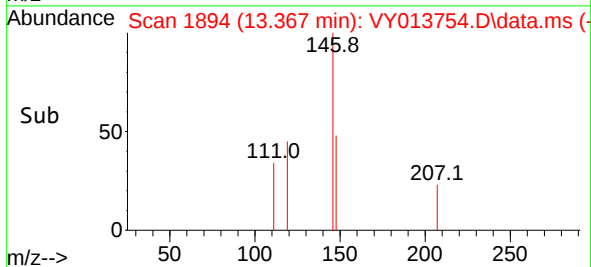
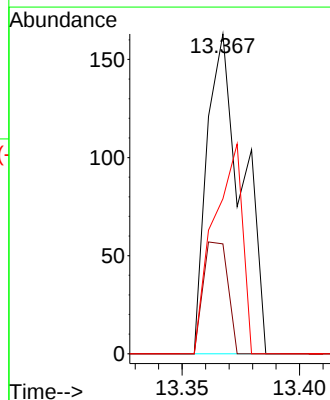
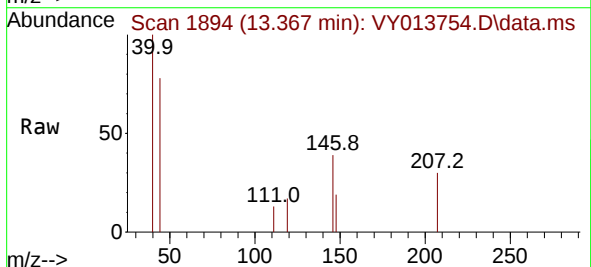
Tgt Ion:146 Resp: 169

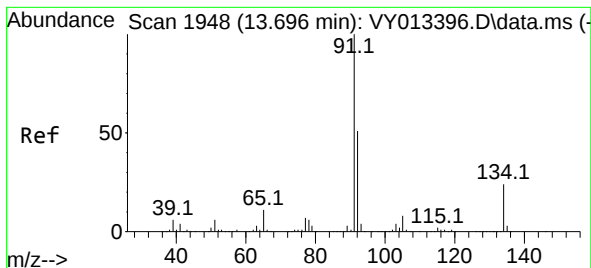
Ion Ratio Lower Upper

146 100

111 24.3 18.9 56.5

148 53.8 31.9 95.5





#89

n-Butylbenzene

Concen: 2.294 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY013754.D

Acq: 16 May 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

WC-1RE

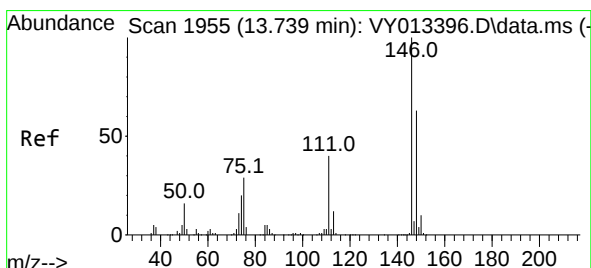
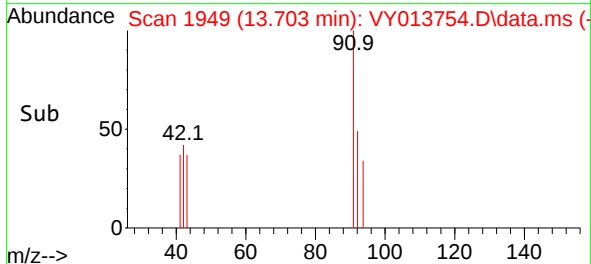
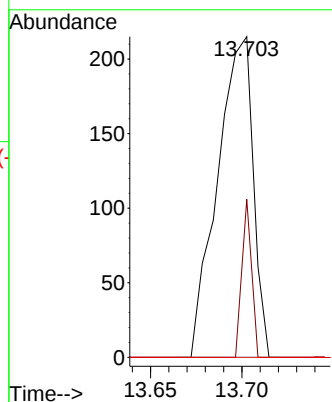
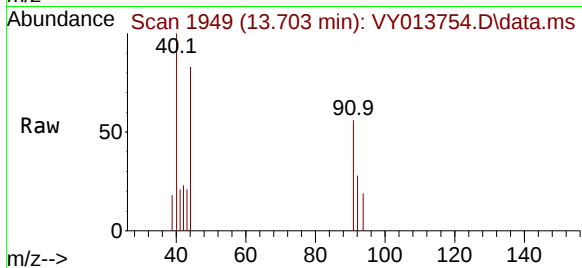
Tgt Ion: 91 Resp: 292

Ion Ratio Lower Upper

91 100

92 13.4 25.8 77.3#

134 0.0 13.5 40.4#



#91

1,2-Dichlorobenzene

Concen: 3.187 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013754.D

Acq: 16 May 2023 13:08

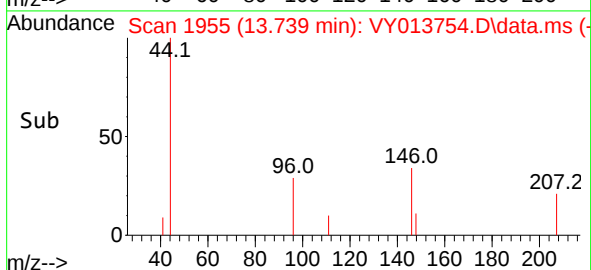
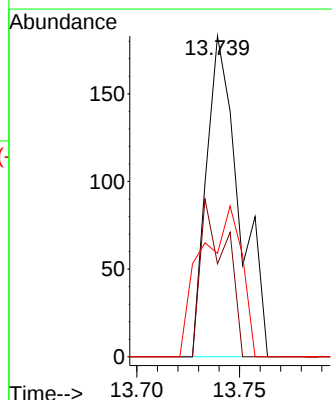
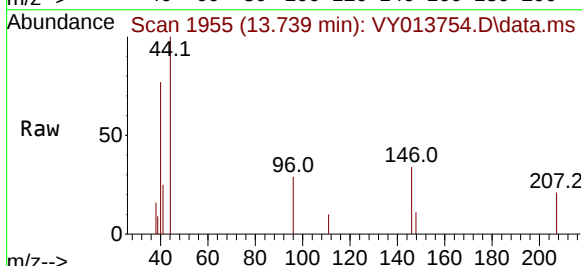
Tgt Ion:146 Resp: 203

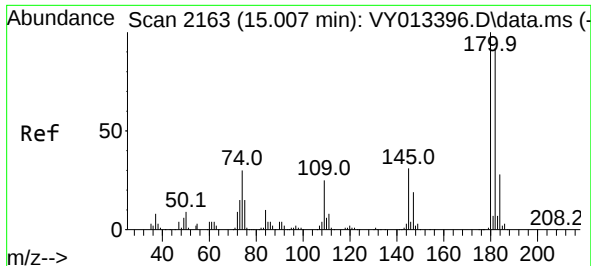
Ion Ratio Lower Upper

146 100

111 38.4 19.8 59.4

148 57.6 31.8 95.4

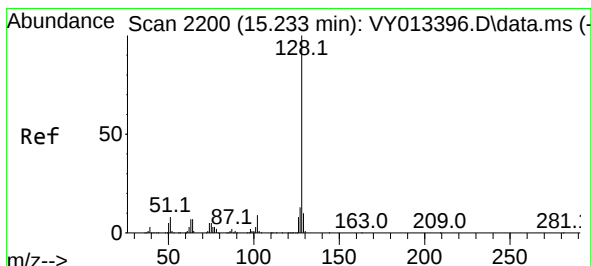
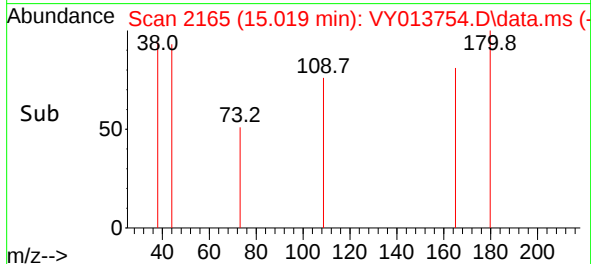
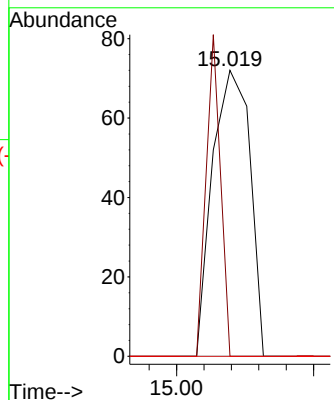
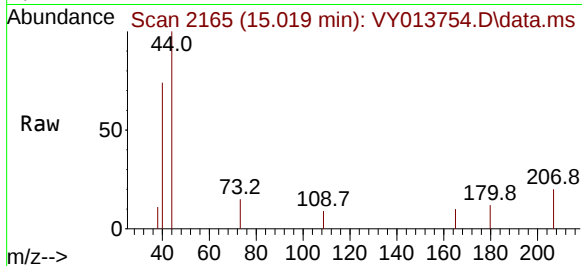




#93
1,2,4-Trichlorobenzene
Concen: 1.791 ug/l
RT: 15.019 min Scan# 2163
Delta R.T. 0.012 min
Lab File: VY013754.D
Acq: 16 May 2023 13:08

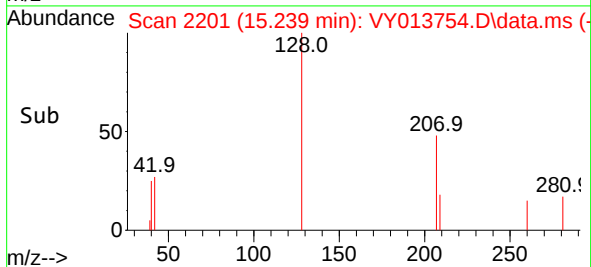
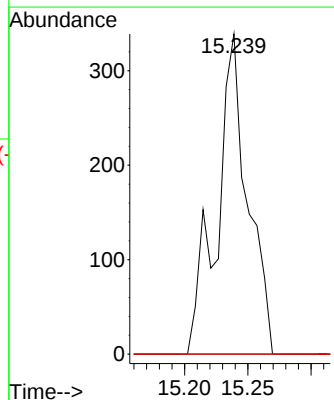
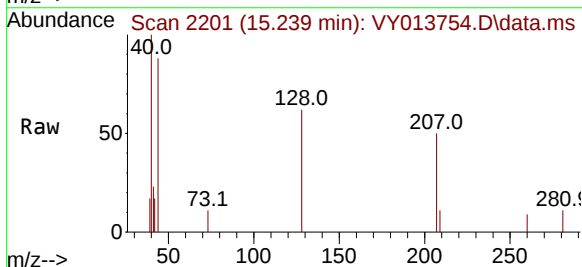
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

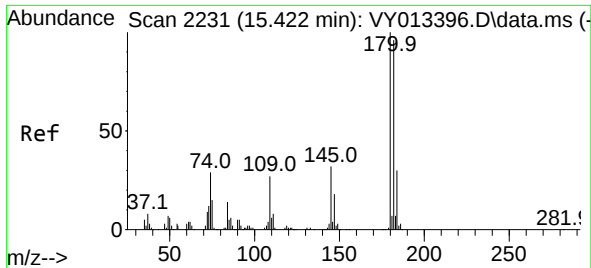
Tgt Ion:180 Resp: 68
Ion Ratio Lower Upper
180 100
182 44.1 48.5 145.5#
145 0.0 15.0 45.0#



#95
Naphthalene
Concen: 6.967 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY013754.D
Acq: 16 May 2023 13:08

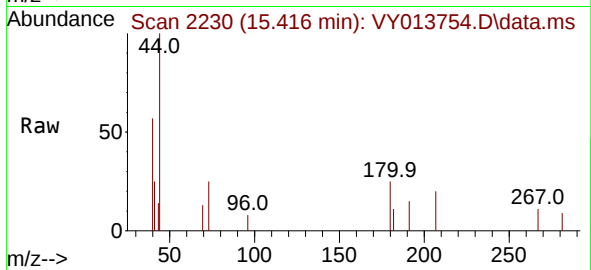
Tgt Ion:128 Resp: 574
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 5.141 ug/l
 RT: 15.416 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY013754.D
 Acq: 16 May 2023 13:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1RE



Tgt Ion:	180	Resp:	174
Ion	Ratio	Lower	Upper
180	100		
182	113.2	47.1	141.3
145	0.0	15.9	47.7#

