

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020923\  
 Data File : VY012566.D  
 Acq On : 09 Feb 2023 16:55  
 Operator : KP/MD  
 Sample : 01507-01RE  
 Misc : 5.02g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ETGI-330RE

Quant Time: Feb 10 05:59:30 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020723S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 08 01:09:03 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 7.789  | 168   | 2350     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.685  | 114   | 4484     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.489 | 117   | 4853     | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.428 | 152   | 1579     | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.143  | 65    | 2016     | 67.463    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery  | =      | 134.920% |
| 35) Dibromofluoromethane      | 7.716  | 113   | 713      | 21.834    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery  | =      | 43.660%# |
| 50) Toluene-d8                | 10.179 | 98    | 5319     | 39.133    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 49 - 140 | Recovery  | =      | 78.260%  |
| 62) 4-Bromofluorobenzene      | 12.483 | 95    | 1565     | 33.010    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 25 - 144 | Recovery  | =      | 66.020%  |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 3) Chloromethane              | 2.119  | 50    | 193      | 10.541    | ug/l # | 67       |
| 5) Bromomethane               | 2.668  | 94    | 378      | 21.028    | ug/l # | 70       |
| 10) Methyl Iodide             | 4.113  | 142   | 823      | 26.812    | ug/l # | 92       |
| 16) Acetone                   | 3.942  | 43    | 92       | 12.791    | ug/l # | 41       |
| 20) Methylene Chloride        | 4.698  | 84    | 25       | Below Cal | #      | 13       |
| 36) 1,1-Dichloropropene       | 7.789  | 75    | 106      | 2.398     | ug/l # | 39       |
| 38) Carbon Tetrachloride      | 7.795  | 117   | 151      | 2.545     | ug/l # | 13       |
| 40) Benzene                   | 8.155  | 78    | 405      | 3.103     | ug/l # | 50       |
| 52) Toluene                   | 10.246 | 92    | 198      | 2.237     | ug/l # | 74       |
| 60) Dibromochloromethane      | 10.715 | 129   | 191      | 5.232     | ug/l # | 11       |
| 64) Tetrachloroethene         | 10.721 | 164   | 159      | 3.138     | ug/l   | 93       |
| 65) Chlorobenzene             | 11.520 | 112   | 465      | 4.040     | ug/l # | 42       |
| 67) Ethyl Benzene             | 11.599 | 91    | 389      | 1.925     | ug/l   | 89       |
| 68) m/p-Xylenes               | 11.709 | 106   | 393      | 4.872     | ug/l   | 81       |
| 69) o-Xylene                  | 12.038 | 106   | 131      | 1.705     | ug/l # | 22       |
| 70) Styrene                   | 12.063 | 104   | 375      | 2.878     | ug/l # | 43       |
| 73) Isopropylbenzene          | 12.325 | 105   | 433      | 3.389     | ug/l # | 70       |
| 76) 1,2,3-Trichloropropane    | 12.489 | 75    | 847      | 48.013    | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156   | 214      | 6.911     | ug/l   | 81       |
| 78) n-propylbenzene           | 12.672 | 91    | 546      | 3.713     | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.751 | 91    | 385      | 4.612     | ug/l   | 81       |
| 80) 1,3,5-Trimethylbenzene    | 12.819 | 105   | 241      | 2.191     | ug/l   | 83       |
| 81) trans-1,4-Dichloro-2-b... | 12.489 | 75    | 847      | 108.271   | ug/l # | 12       |
| 82) 4-Chlorotoluene           | 12.855 | 91    | 465      | 5.311     | ug/l   | 82       |
| 83) tert-Butylbenzene         | 13.081 | 119   | 395      | 4.096     | ug/l   | 83       |
| 84) 1,2,4-Trimethylbenzene    | 13.129 | 105   | 240      | 2.218     | ug/l   | 74       |
| 85) sec-Butylbenzene          | 13.251 | 105   | 616      | 4.465     | ug/l # | 76       |
| 86) p-Isopropyltoluene        | 13.367 | 119   | 399      | 3.334     | ug/l # | 76       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146   | 446      | 7.239     | ug/l   | 86       |
| 88) 1,4-Dichlorobenzene       | 13.453 | 146   | 551      | 8.929     | ug/l   | 84       |
| 89) n-Butylbenzene            | 13.696 | 91    | 289      | 2.825     | ug/l   | 77       |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146   | 444      | 8.011     | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180   | 155      | 4.514     | ug/l # | 82       |
| 94) Hexachlorobutadiene       | 15.099 | 225   | 42       | 1.969     | ug/l # | 19       |
| 95) Naphthalene               | 15.233 | 128   | 356      | 5.400     | ug/l # | 69       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180   | 116      | 3.902     | ug/l # | 61       |

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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-330RE

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Quant Title : SW846 8260  
QLast Update : Wed Feb 08 01:09:03 2023  
Response via : Initial Calibration

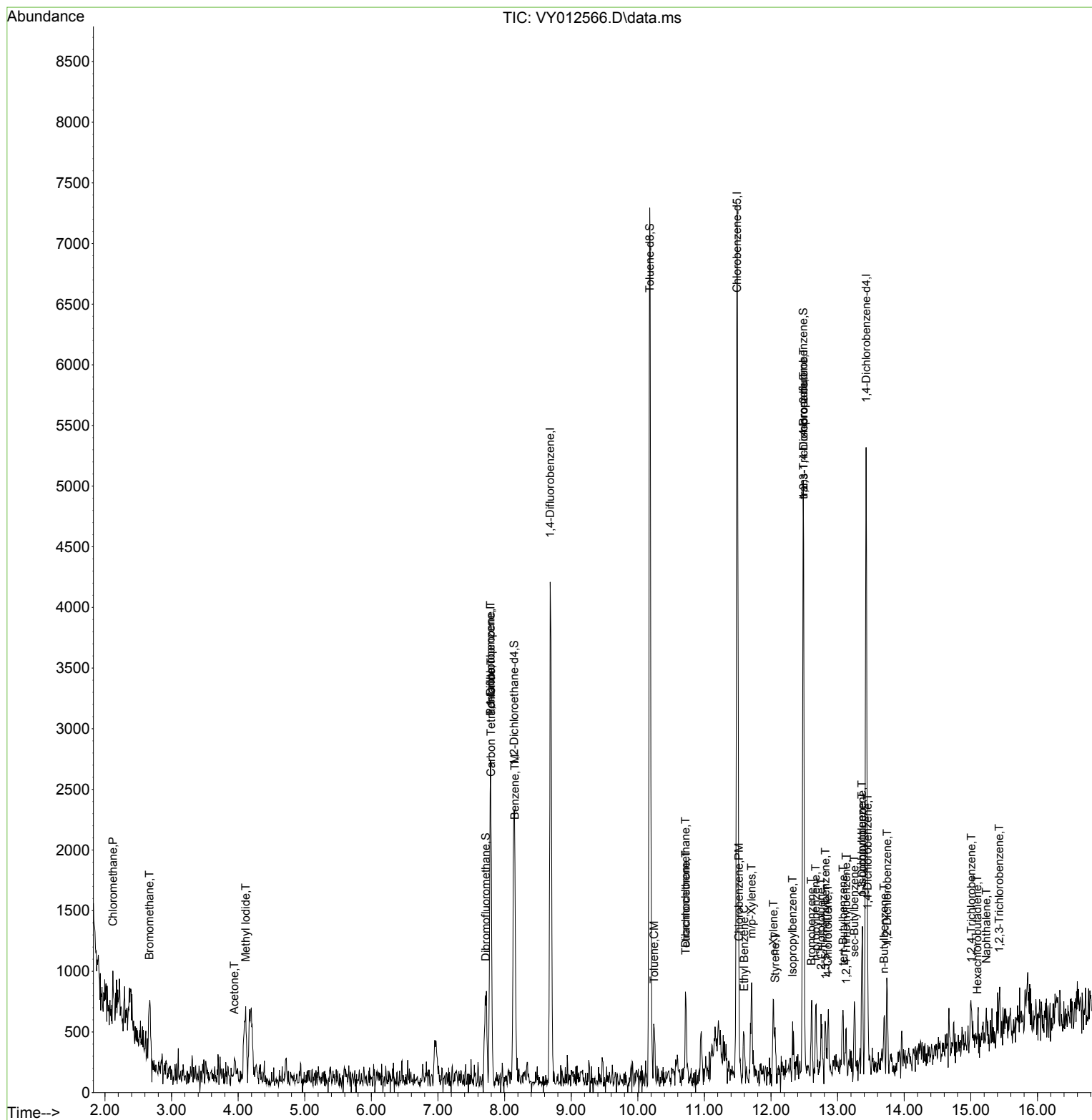
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
| -----    |      |      |          |      |       |          |
| -----    |      |      |          |      |       |          |

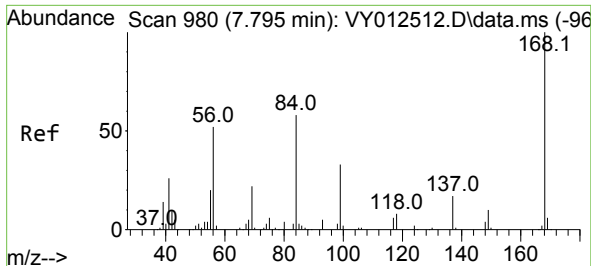
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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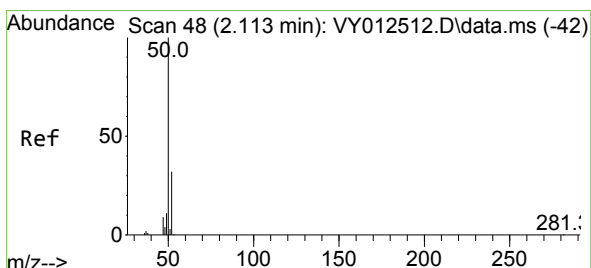
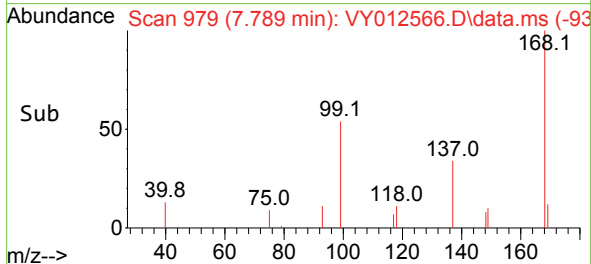
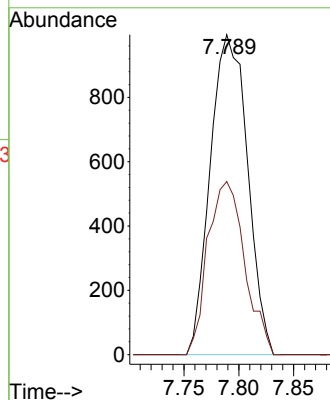
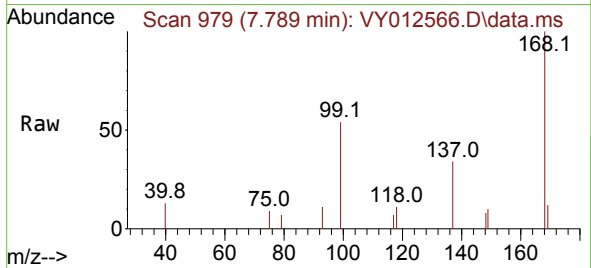




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

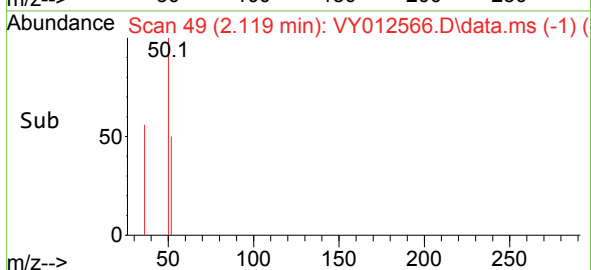
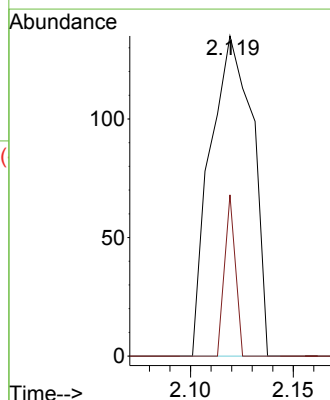
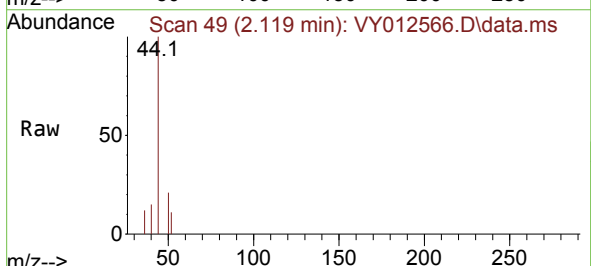
Instrument :  
MSVOA\_Y  
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ETGI-330RE

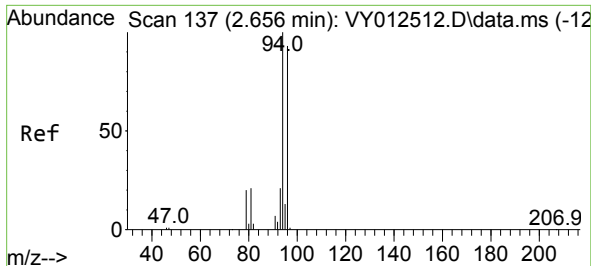
Tgt Ion:168 Resp: 2350  
Ion Ratio Lower Upper  
168 100  
99 54.1 40.8 61.2



#3  
Chloromethane  
Concen: 10.541 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.006 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

Tgt Ion: 50 Resp: 193  
Ion Ratio Lower Upper  
50 100  
52 50.4 25.8 38.6#

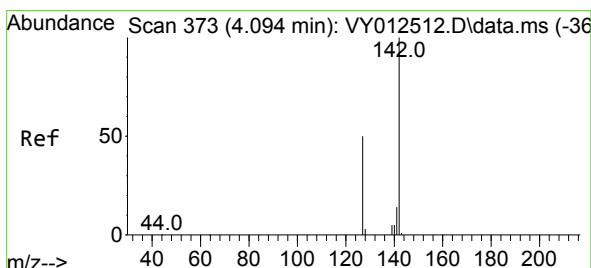
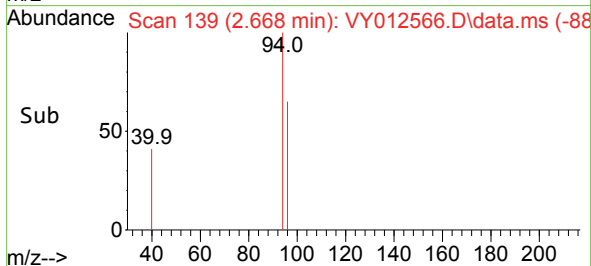
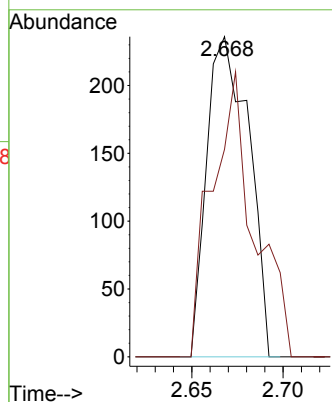
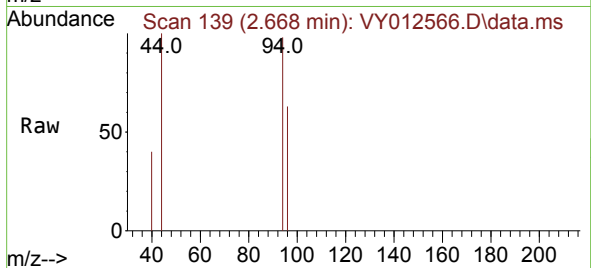




#5  
Bromomethane  
Concen: 21.028 ug/l  
RT: 2.668 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

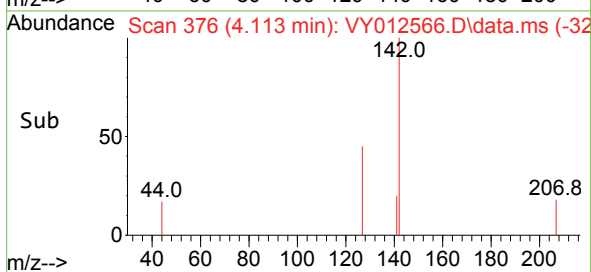
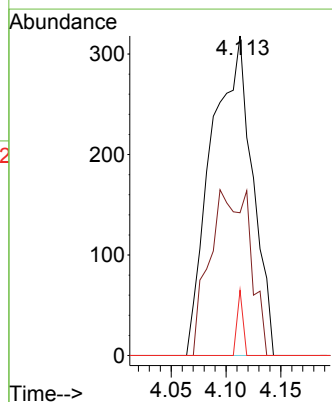
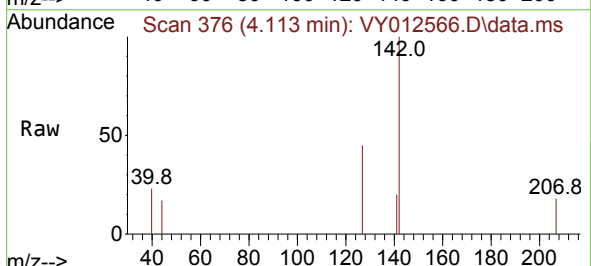
Instrument :  
MSVOA\_Y  
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ETGI-330RE

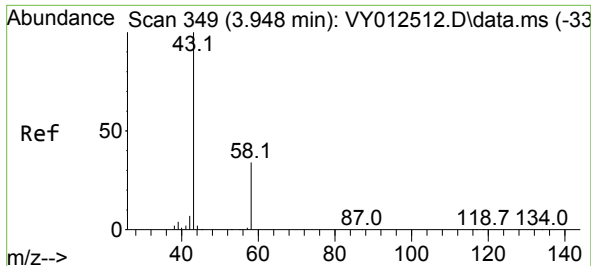
Tgt Ion: 94 Resp: 378  
Ion Ratio Lower Upper  
94 100  
96 64.8 74.7 112.1#



#10  
Methyl Iodide  
Concen: 26.812 ug/l  
RT: 4.113 min Scan# 376  
Delta R.T. 0.019 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

Tgt Ion:142 Resp: 823  
Ion Ratio Lower Upper  
142 100  
127 51.3 39.8 59.6  
141 2.9 11.6 17.4#

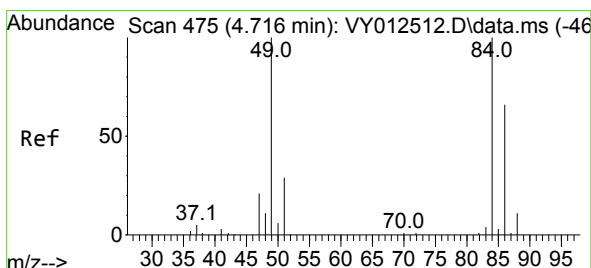
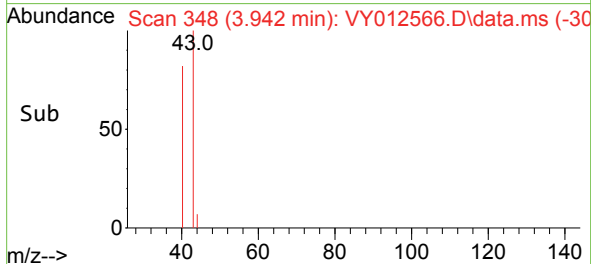
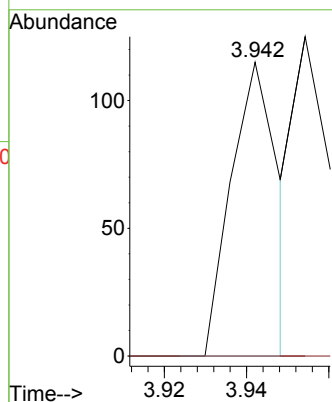
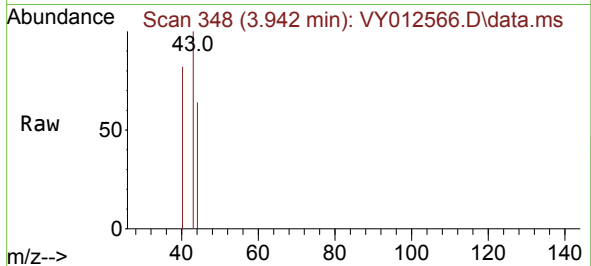




#16  
Acetone  
Concen: 12.791 ug/l  
RT: 3.942 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

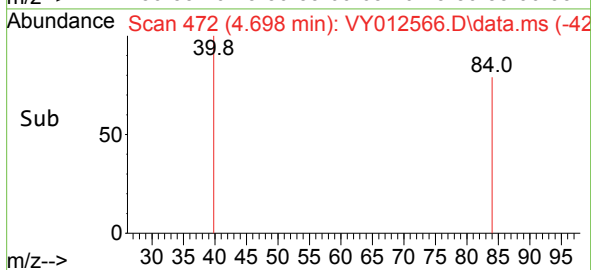
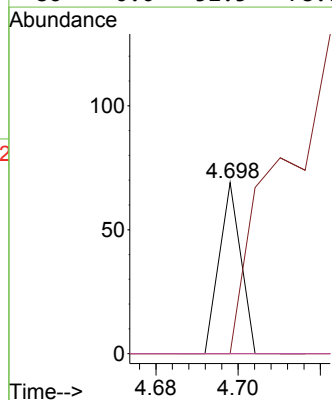
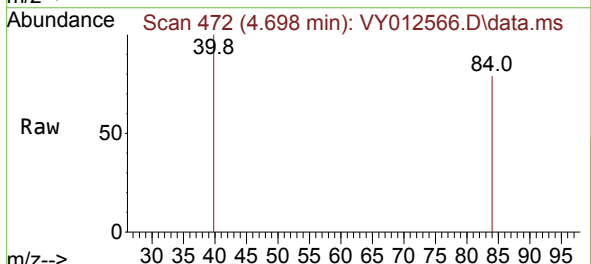
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ETGI-330RE

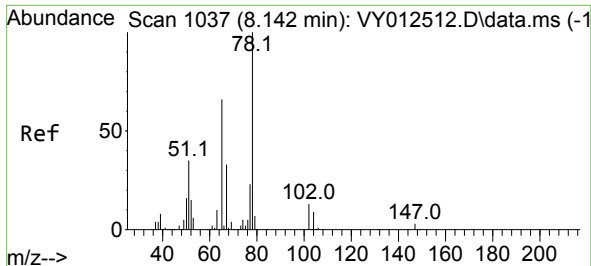
Tgt Ion: 43 Resp: 92  
Ion Ratio Lower Upper  
43 100  
58 0.0 27.1 40.7#



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.698 min Scan# 472  
Delta R.T. -0.018 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

Tgt Ion: 84 Resp: 25  
Ion Ratio Lower Upper  
84 100  
49 0.0 79.8 119.6#  
51 0.0 23.4 35.2#  
86 0.0 52.5 78.7#





#33

1,2-Dichloroethane-d4

Concen: 67.463 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY012566.D

Acq: 09 Feb 2023 16:55

Instrument :

MSVOA\_Y

ClientSampleId :

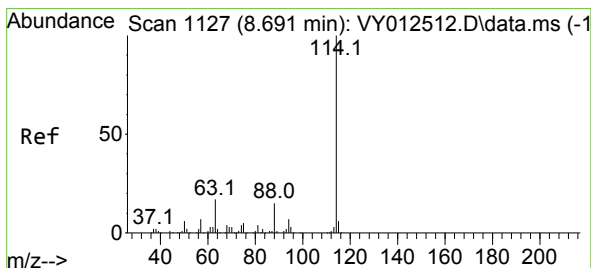
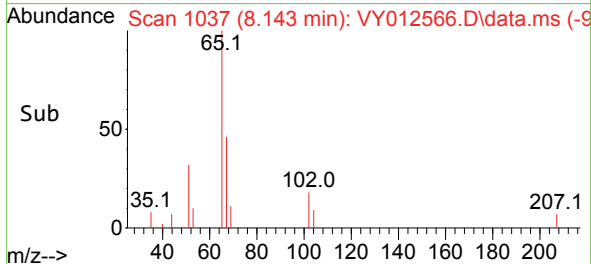
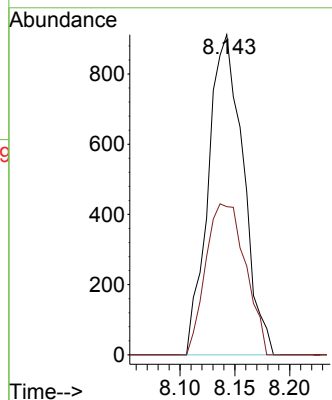
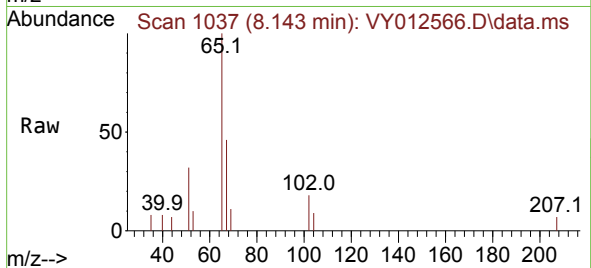
ETGI-330RE

Tgt Ion: 65 Resp: 2016

Ion Ratio Lower Upper

65 100

67 53.8 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012566.D

Acq: 09 Feb 2023 16:55

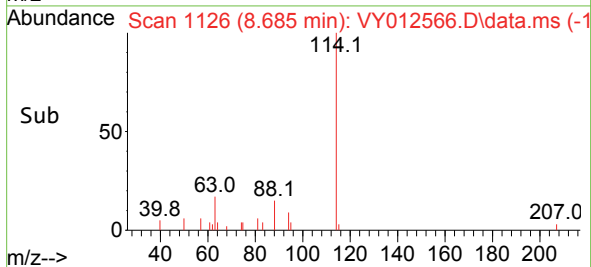
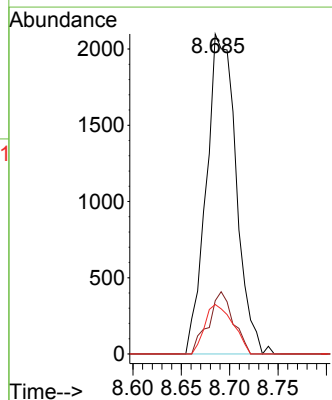
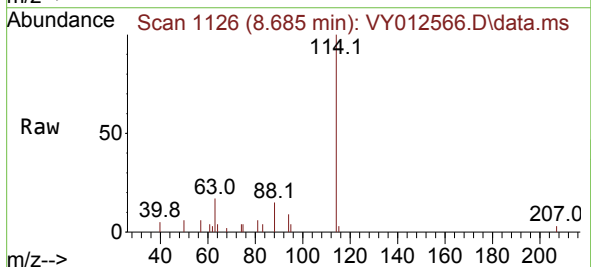
Tgt Ion: 114 Resp: 4484

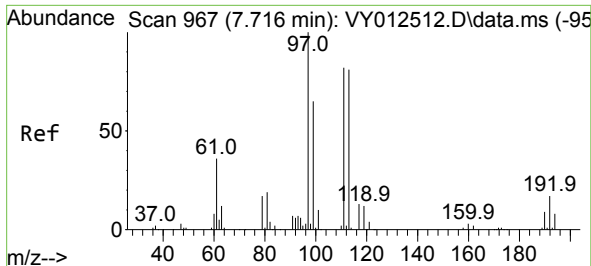
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.6

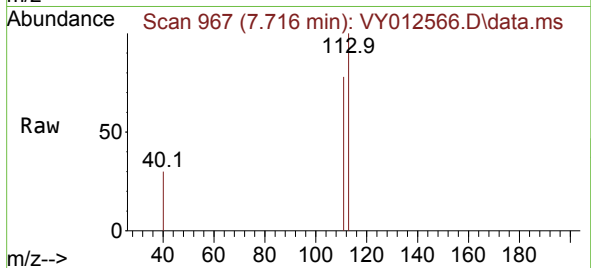
88 15.4 0.0 29.8



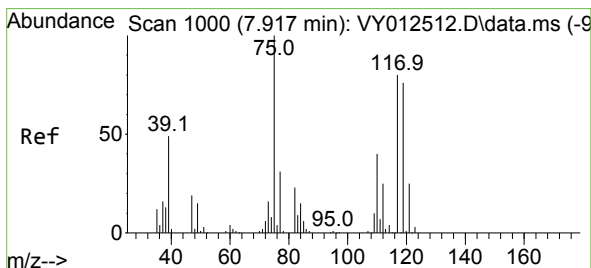
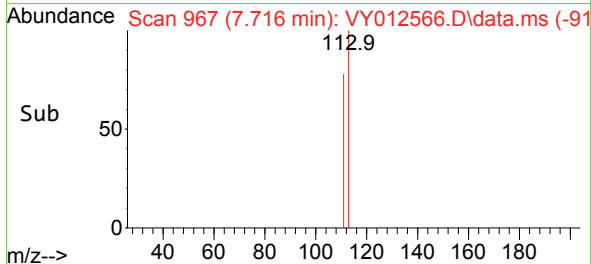
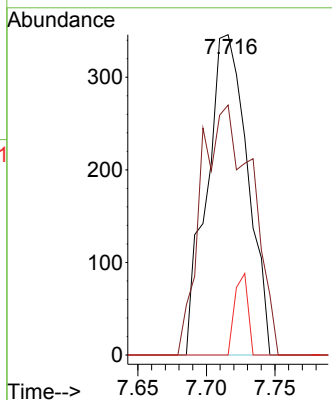


#35  
Dibromofluoromethane  
Concen: 21.834 ug/l  
RT: 7.716 min Scan# 90  
Delta R.T. 0.000 min  
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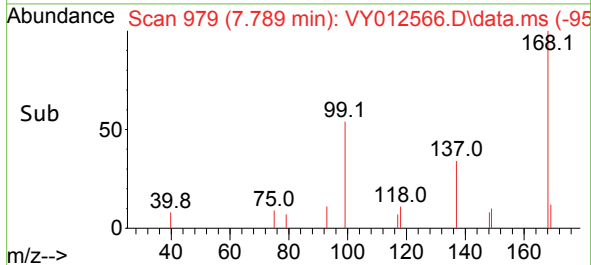
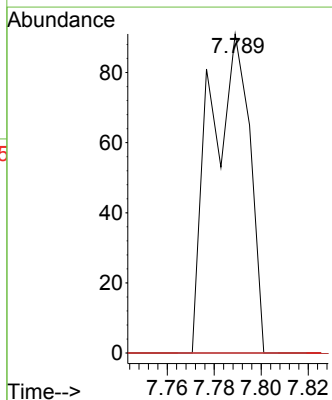
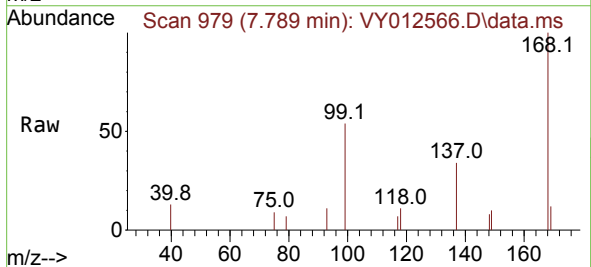


Tgt Ion:113 Resp: 713  
Ion Ratio Lower Upper  
113 100  
111 97.9 81.9 122.9  
192 8.3 17.5 26.3#

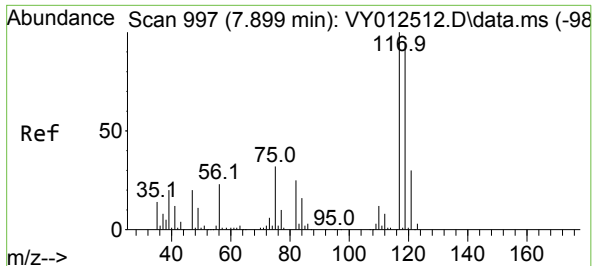


#36  
1,1-Dichloropropene  
Concen: 2.398 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.128 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

Tgt Ion: 75 Resp: 106  
Ion Ratio Lower Upper  
75 100  
110 0.0 19.5 58.5#  
77 0.0 24.9 37.3#



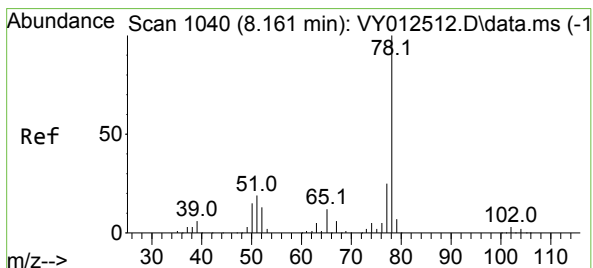
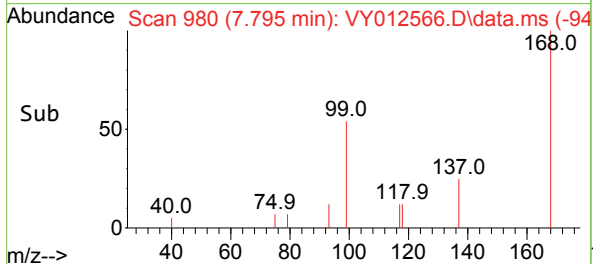
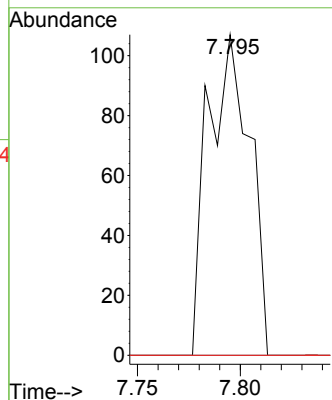
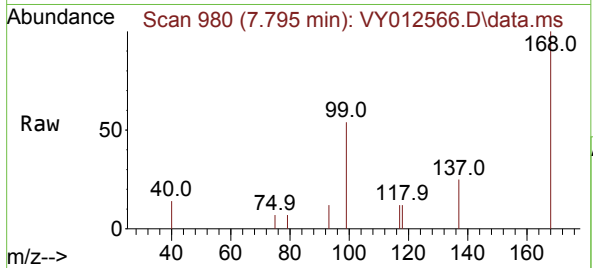




#38  
Carbon Tetrachloride  
Concen: 2.545 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. -0.104 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

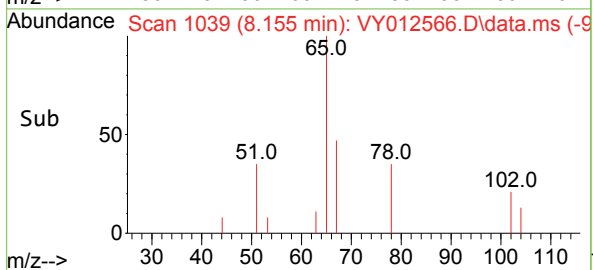
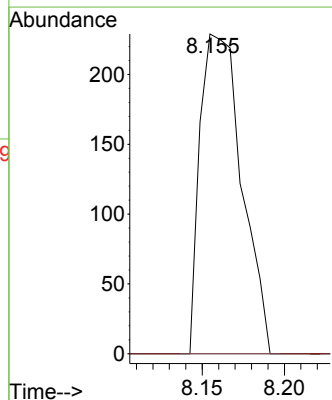
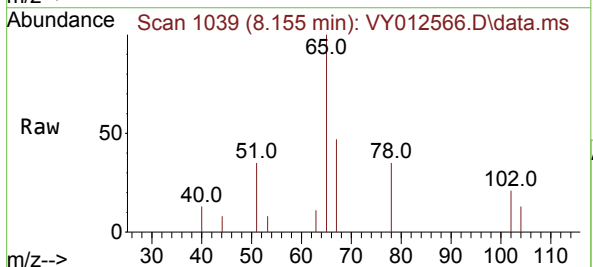
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-330RE

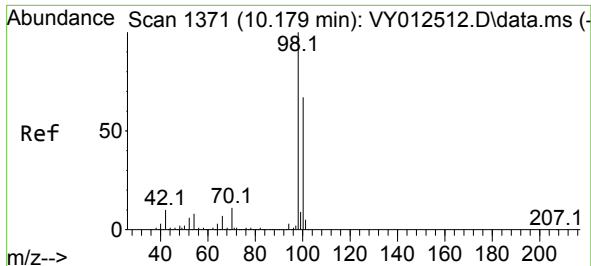
Tgt Ion:117 Resp: 151  
Ion Ratio Lower Upper  
117 100  
119 0.0 75.1 112.7#  
121 0.0 24.3 36.5#



#40  
Benzene  
Concen: 3.103 ug/l  
RT: 8.155 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

Tgt Ion: 78 Resp: 405  
Ion Ratio Lower Upper  
78 100  
77 0.0 19.9 29.9#

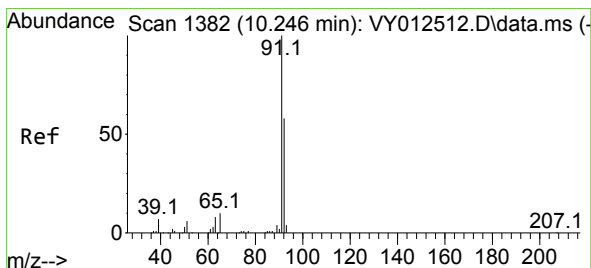
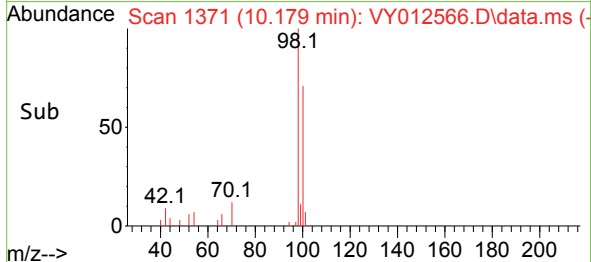
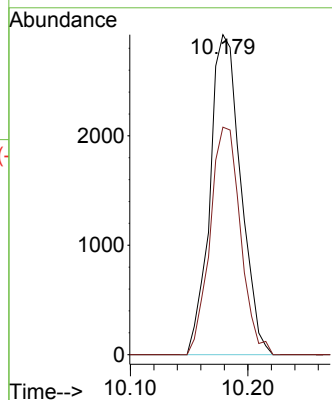
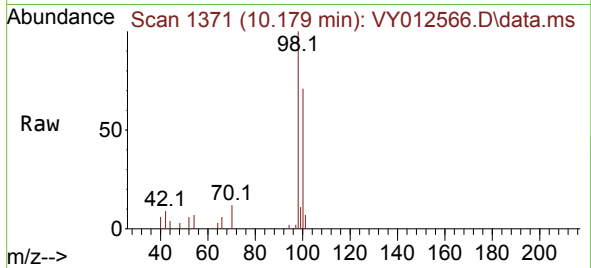




#50  
Toluene-d8  
Concen: 39.133 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. 0.000 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

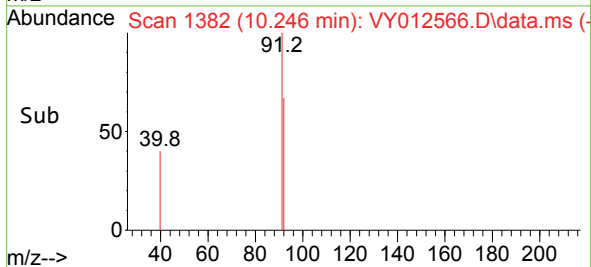
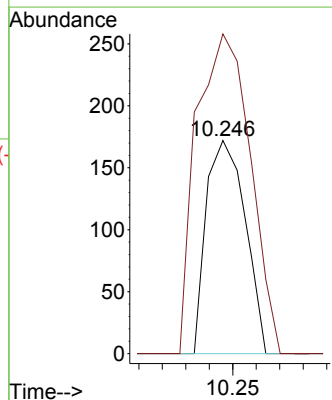
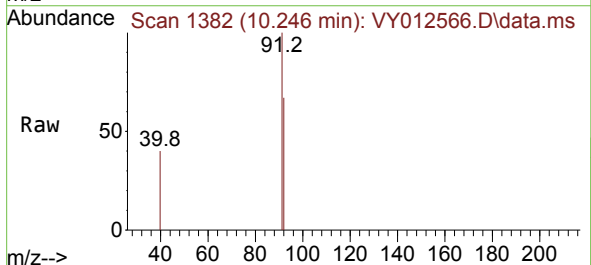
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-330RE

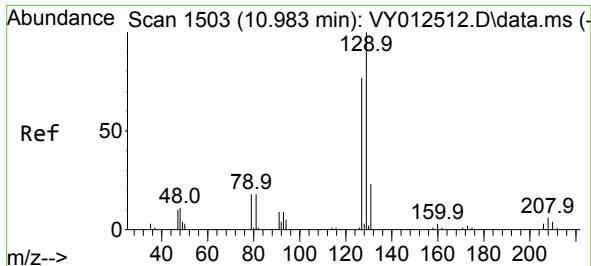
Tgt Ion: 98 Resp: 5319  
Ion Ratio Lower Upper  
98 100  
100 70.4 52.2 78.2



#52  
Toluene  
Concen: 2.237 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

Tgt Ion: 92 Resp: 198  
Ion Ratio Lower Upper  
92 100  
91 207.1 137.2 205.8#

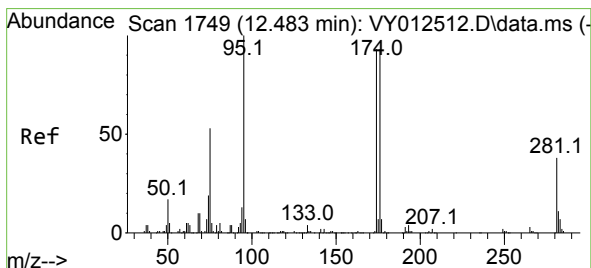
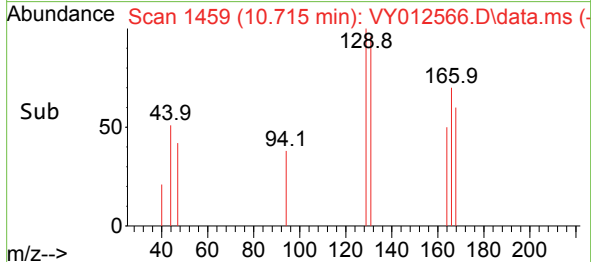
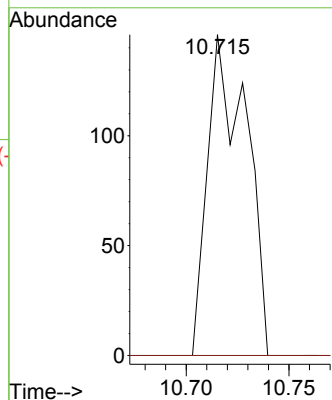
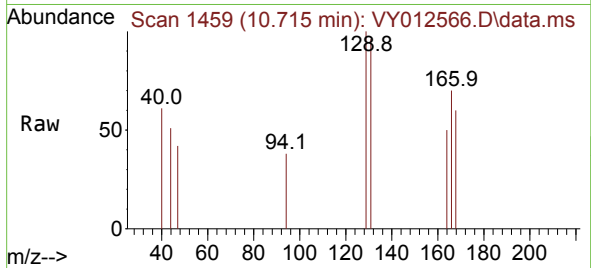




#60  
Dibromochloromethane  
Concen: 5.232 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. -0.268 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

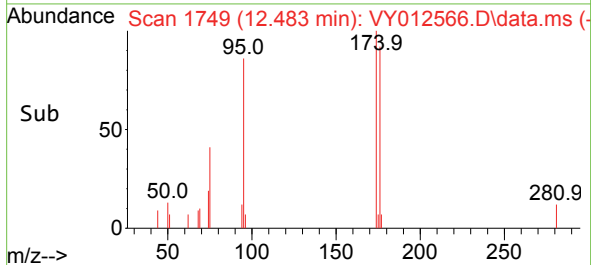
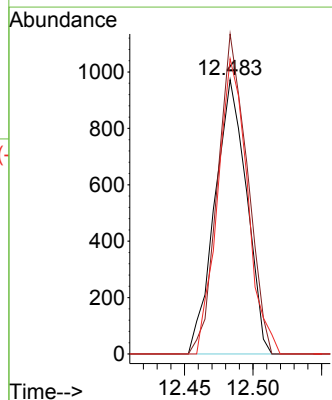
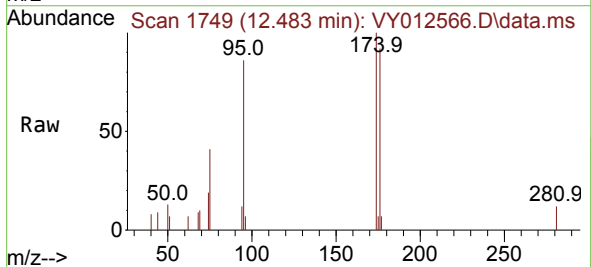
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-330RE

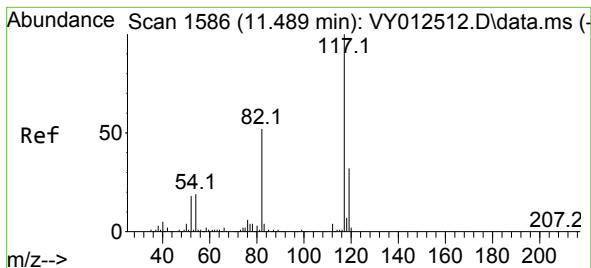
Tgt Ion:129 Resp: 191  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.0 114.1#



#62  
4-Bromofluorobenzene  
Concen: 33.010 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

Tgt Ion: 95 Resp: 1565  
Ion Ratio Lower Upper  
95 100  
174 108.6 0.0 188.0  
176 101.3 0.0 183.6

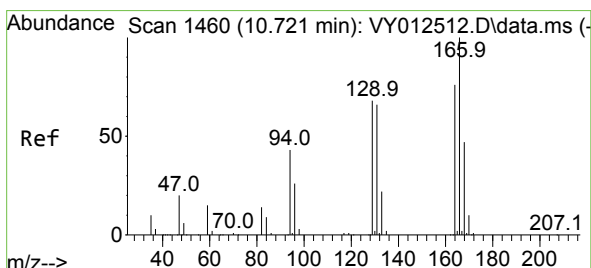
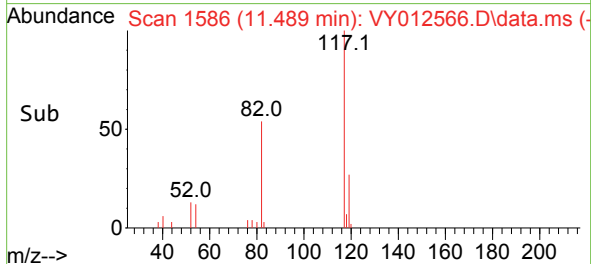
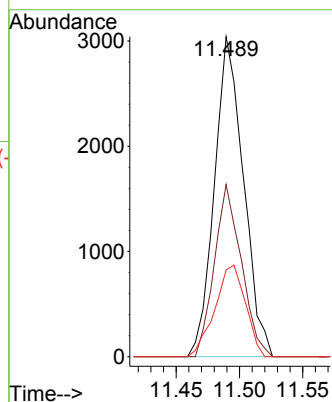
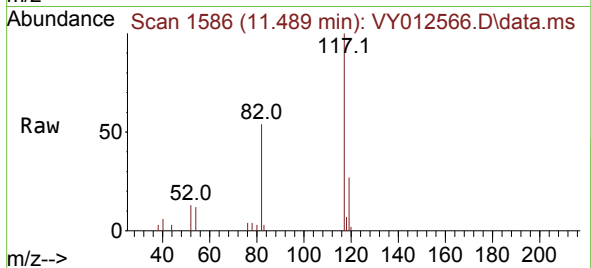




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

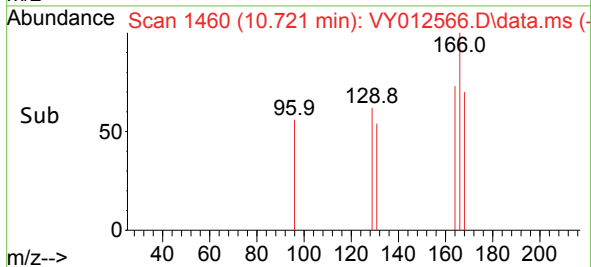
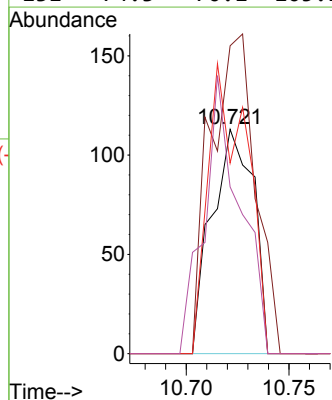
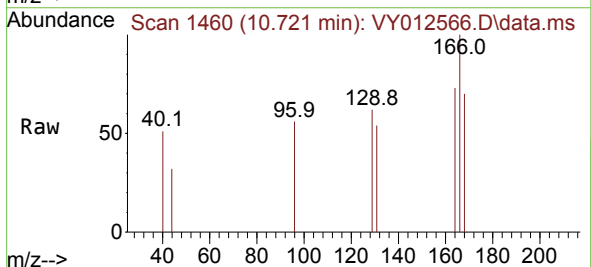
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-330RE

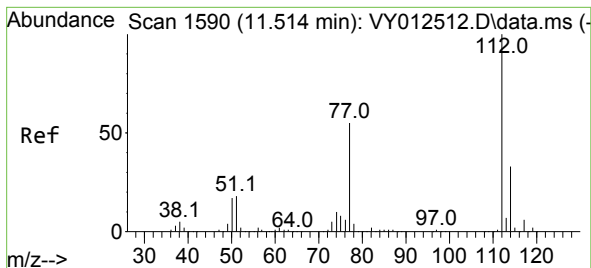
Tgt Ion:117 Resp: 4853  
Ion Ratio Lower Upper  
117 100  
82 53.8 41.7 62.5  
119 27.1 25.8 38.8



#64  
Tetrachloroethene  
Concen: 3.138 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

Tgt Ion:164 Resp: 159  
Ion Ratio Lower Upper  
164 100  
166 137.2 105.7 158.5  
129 85.0 71.8 107.6  
131 74.3 70.1 105.1





#65

Chlorobenzene

Concen: 4.040 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012566.D

Acq: 09 Feb 2023 16:55

Instrument :

MSVOA\_Y

ClientSampleId :

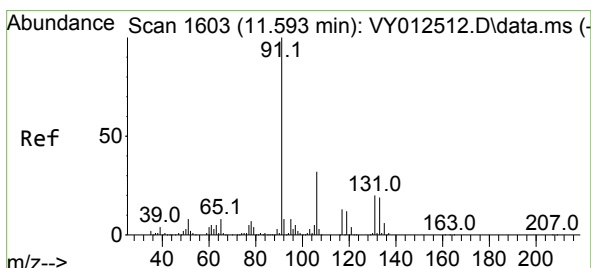
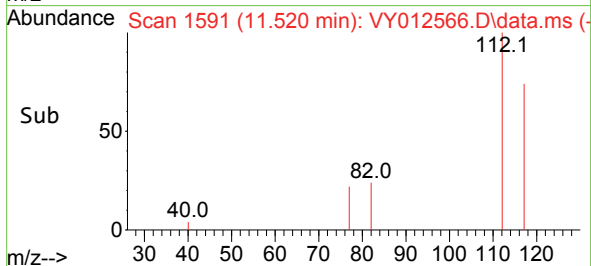
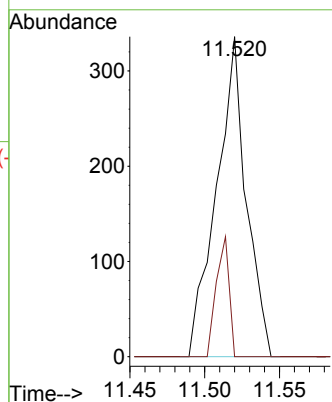
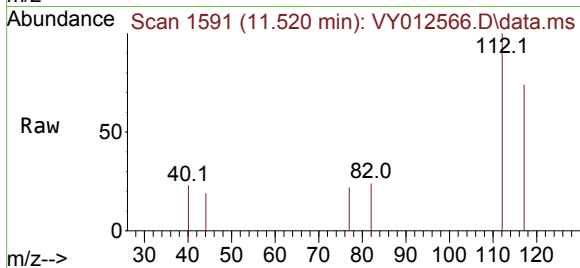
ETGI-330RE

Tgt Ion:112 Resp: 465

Ion Ratio Lower Upper

112 100

114 0.0 26.0 39.0#



#67

Ethyl Benzene

Concen: 1.925 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY012566.D

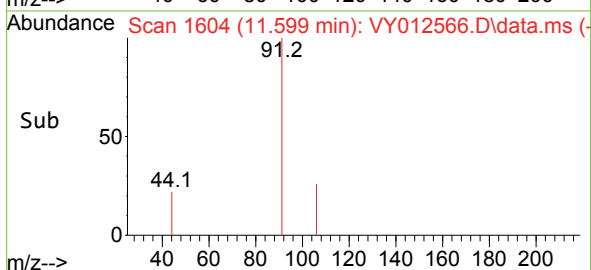
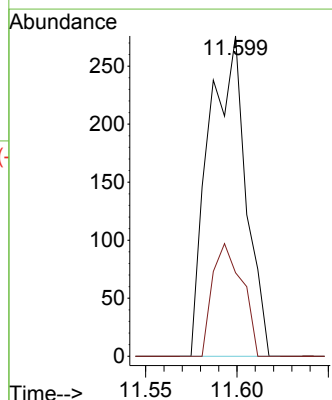
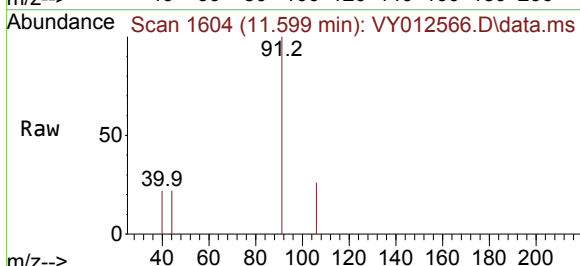
Acq: 09 Feb 2023 16:55

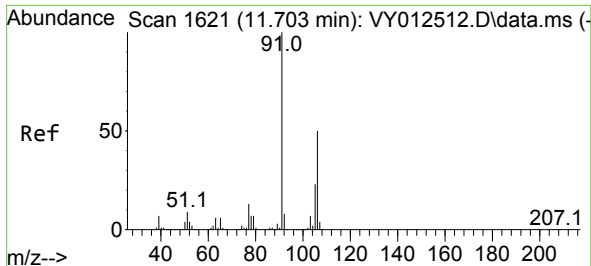
Tgt Ion: 91 Resp: 389

Ion Ratio Lower Upper

91 100

106 26.1 25.6 38.4

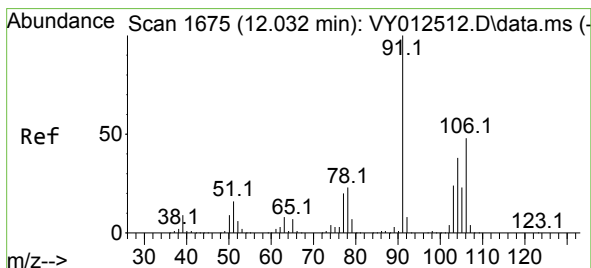
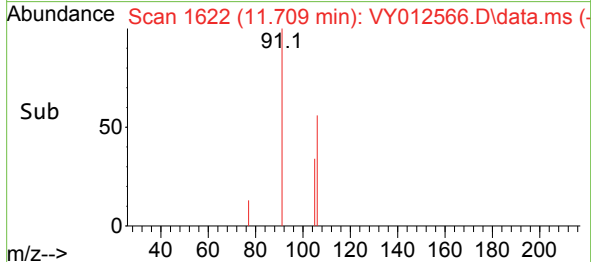
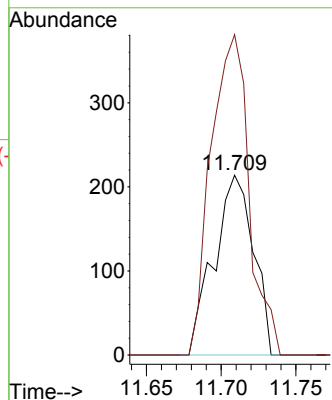
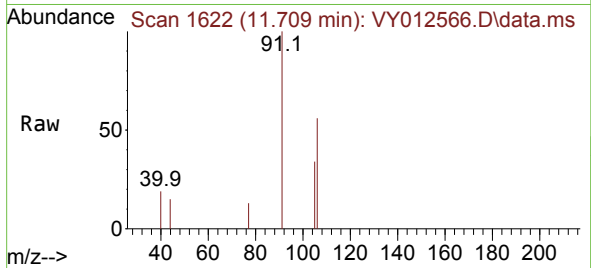




#68  
m/p-Xylenes  
Concen: 4.872 ug/l  
RT: 11.709 min Scan# 1622  
Delta R.T. 0.006 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

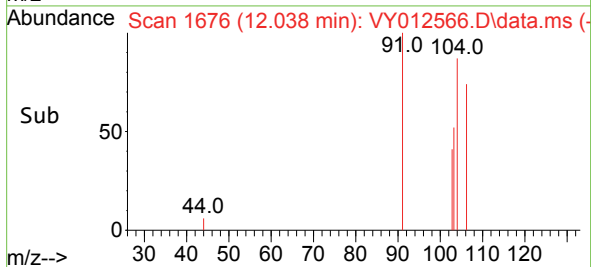
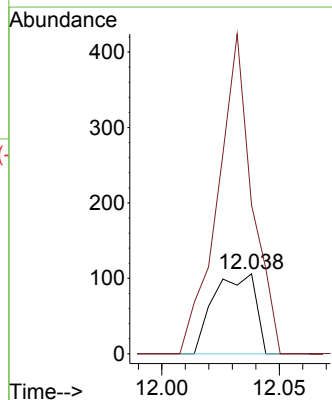
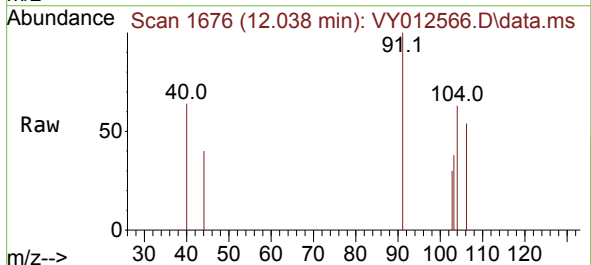
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-330RE

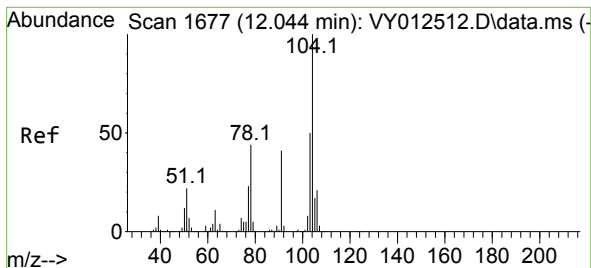
Tgt Ion:106 Resp: 393  
Ion Ratio Lower Upper  
106 100  
91 171.5 160.3 240.5



#69  
o-Xylene  
Concen: 1.705 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. 0.006 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

Tgt Ion:106 Resp: 131  
Ion Ratio Lower Upper  
106 100  
91 329.8 104.2 312.5#





#70

Styrene

Concen: 2.878 ug/l

RT: 12.063 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY012566.D

Acq: 09 Feb 2023 16:55

Instrument :

MSVOA\_Y

ClientSampleId :

ETGI-330RE

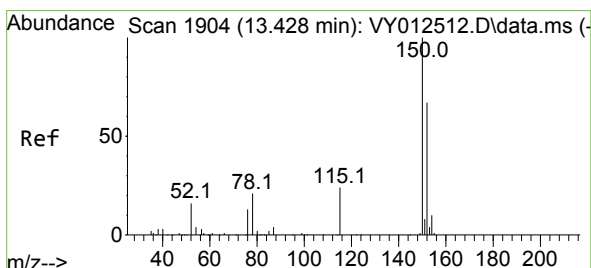
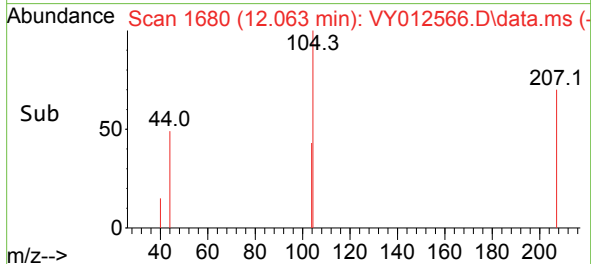
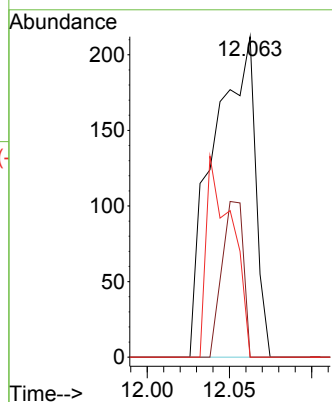
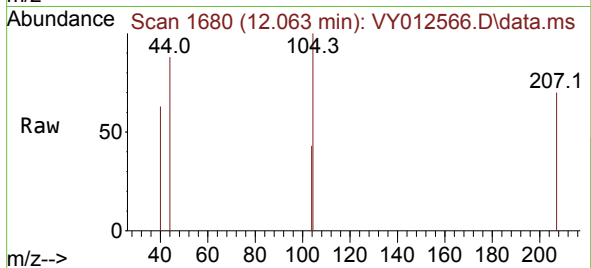
Tgt Ion:104 Resp: 375

Ion Ratio Lower Upper

104 100

78 25.1 39.4 59.2#

103 0.0 43.8 65.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012566.D

Acq: 09 Feb 2023 16:55

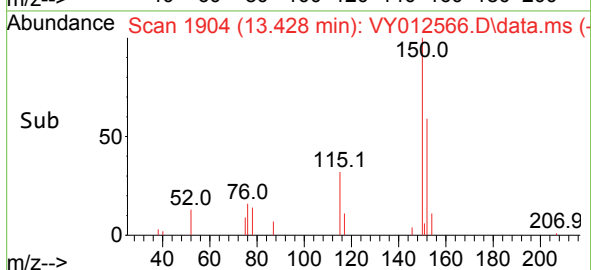
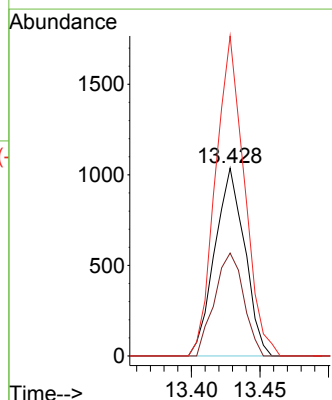
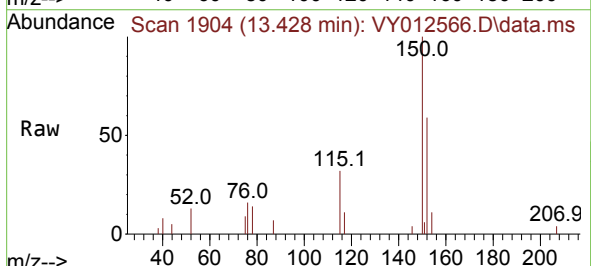
Tgt Ion:152 Resp: 1579

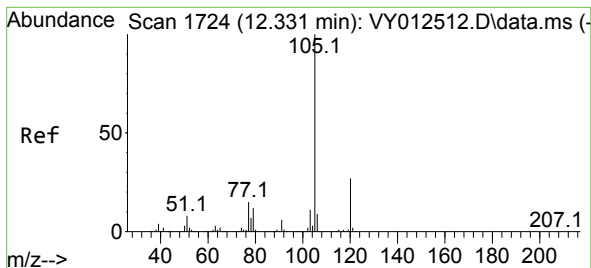
Ion Ratio Lower Upper

152 100

115 53.1 28.1 84.3

150 164.0 0.0 351.0





#73

Isopropylbenzene

Concen: 3.389 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012566.D

Acq: 09 Feb 2023 16:55

Instrument :

MSVOA\_Y

ClientSampleId :

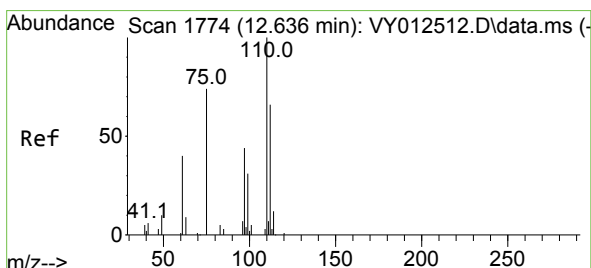
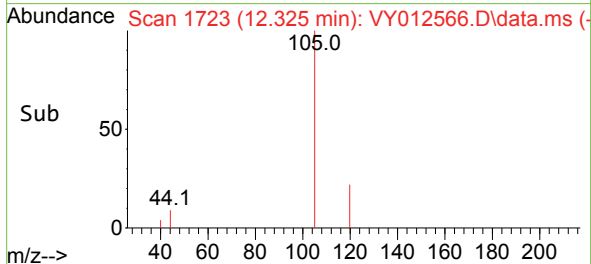
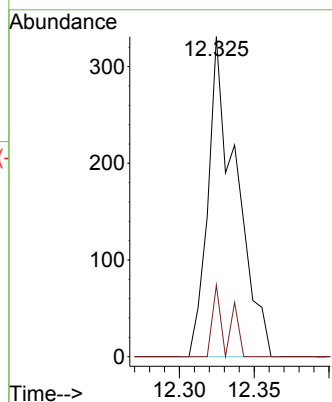
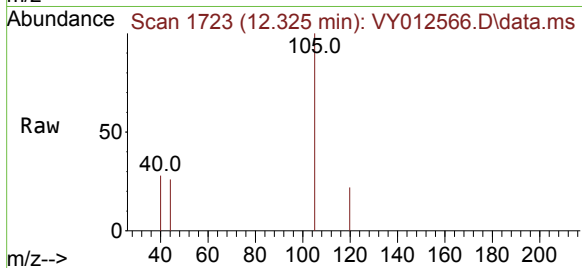
ETGI-330RE

Tgt Ion:105 Resp: 433

Ion Ratio Lower Upper

105 100

120 11.1 13.4 40.2#



#76

1,2,3-Trichloropropane

Concen: 48.013 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY012566.D

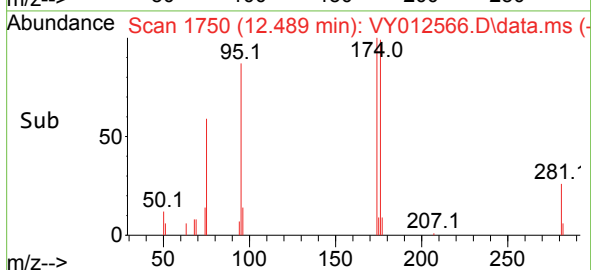
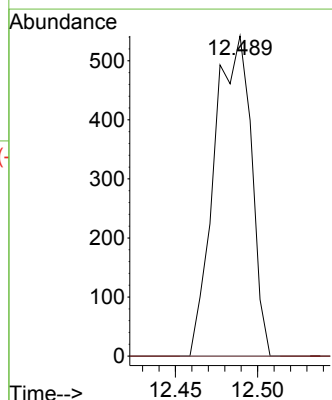
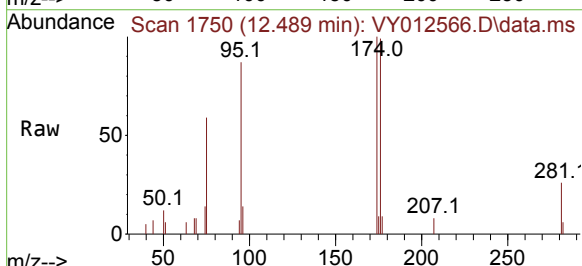
Acq: 09 Feb 2023 16:55

Tgt Ion: 75 Resp: 847

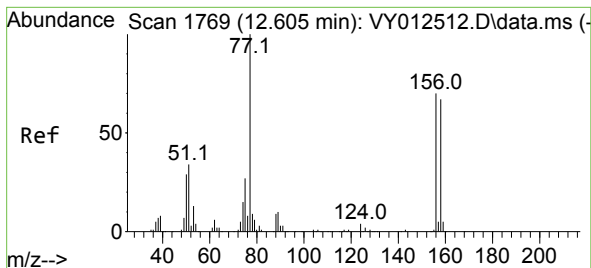
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0







#77

Bromobenzene

Concen: 6.911 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY012566.D

Acq: 09 Feb 2023 16:55

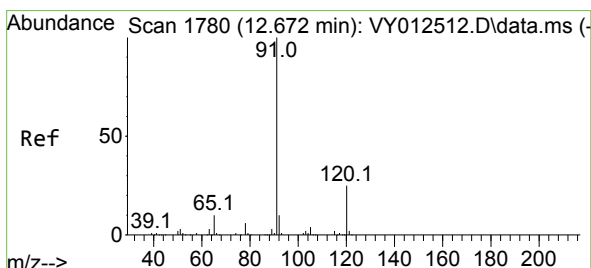
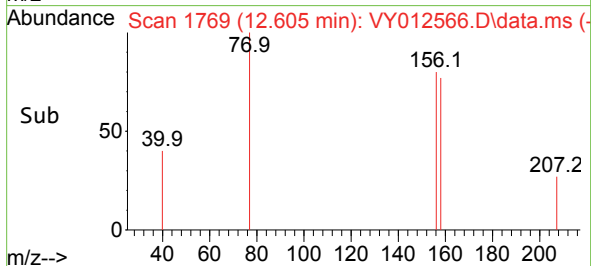
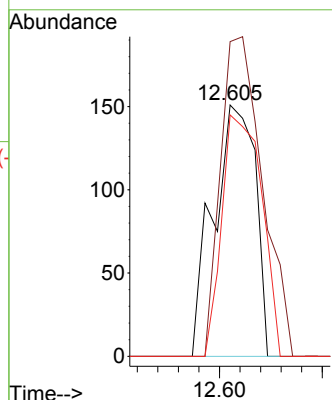
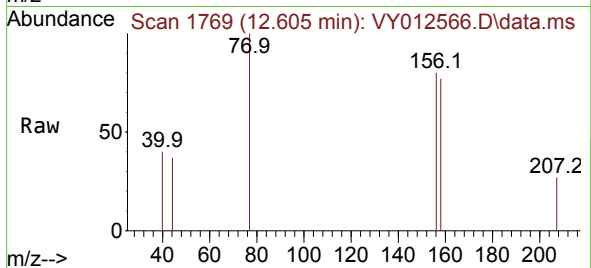
Instrument :

MSVOA\_Y

ClientSampleId :

ETGI-330RE

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 156   | Resp: | 214   |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 127.1 | 80.6  | 241.8 |
| 158      | 91.1  | 49.1  | 147.3 |



#78

n-propylbenzene

Concen: 3.713 ug/l

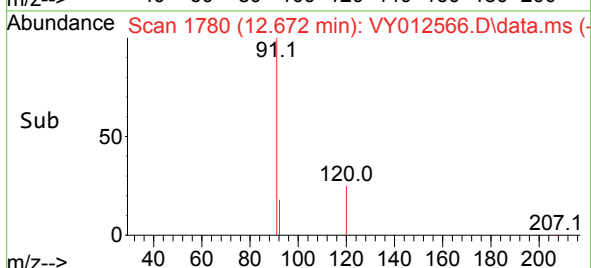
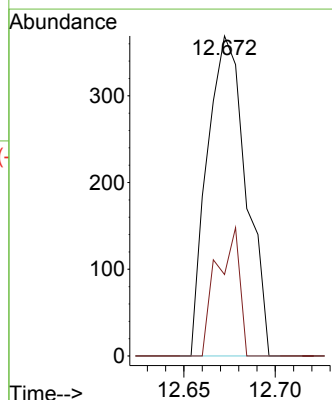
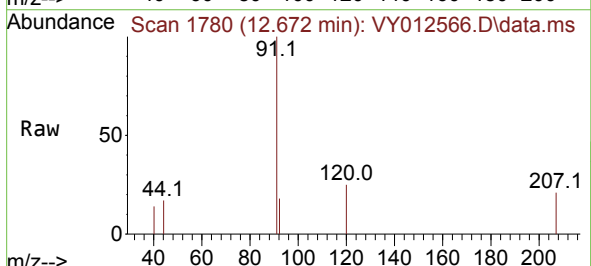
RT: 12.672 min Scan# 1780

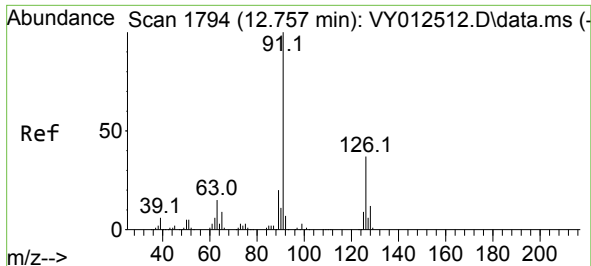
Delta R.T. 0.000 min

Lab File: VY012566.D

Acq: 09 Feb 2023 16:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 546   |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 120      | 23.6  | 12.4  | 37.4  |

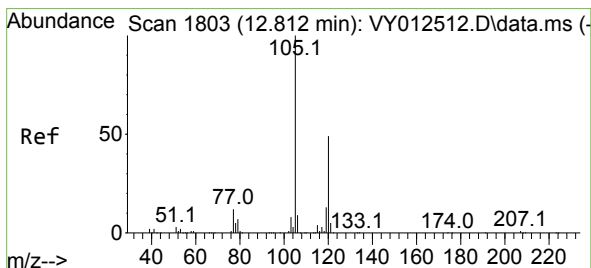
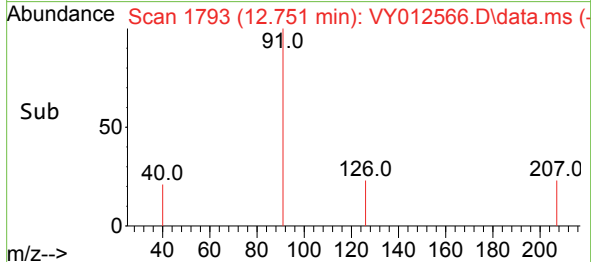
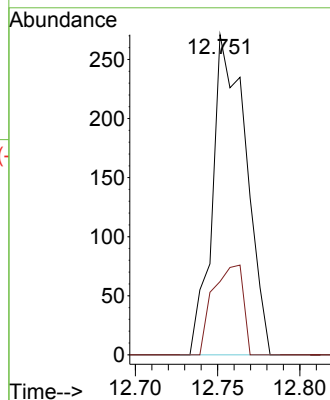
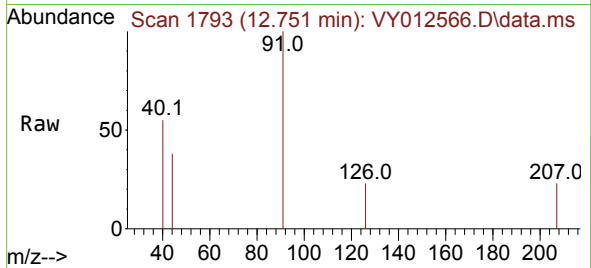




#79  
2-Chlorotoluene  
Concen: 4.612 ug/l  
RT: 12.751 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

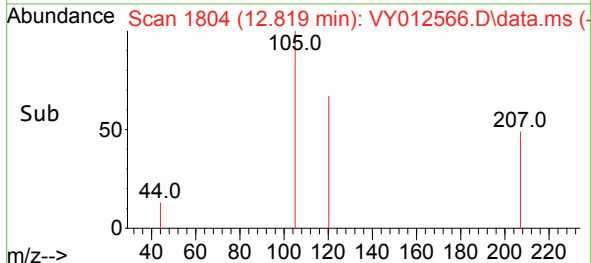
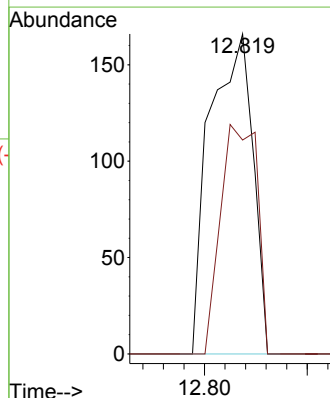
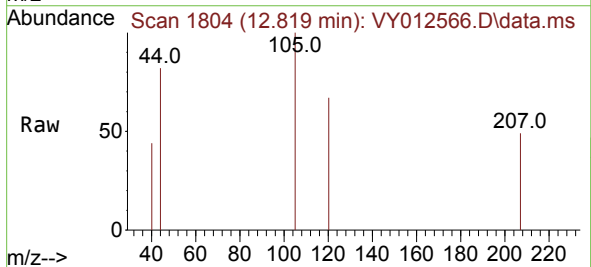
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-330RE

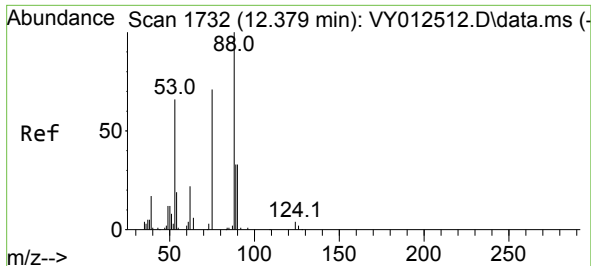
Tgt Ion: 91 Resp: 385  
Ion Ratio Lower Upper  
91 100  
126 25.2 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 2.191 ug/l  
RT: 12.819 min Scan# 1804  
Delta R.T. 0.006 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

Tgt Ion: 105 Resp: 241  
Ion Ratio Lower Upper  
105 100  
120 61.0 24.6 74.0

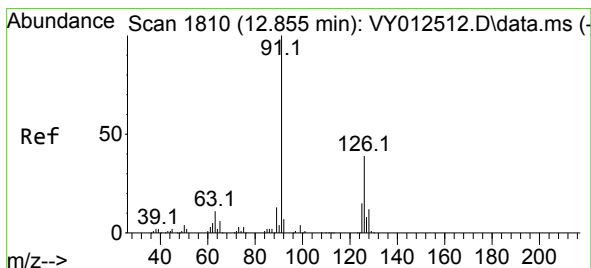
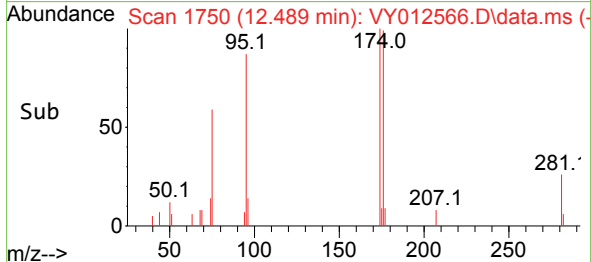
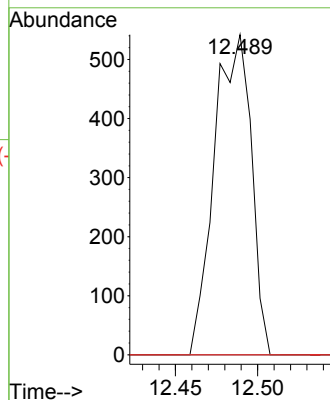
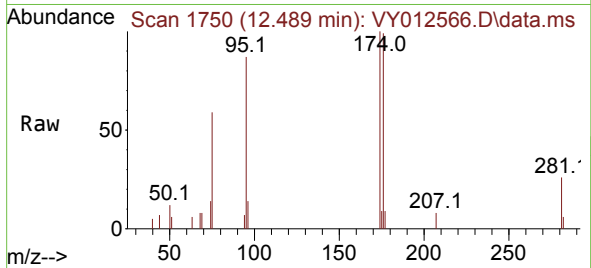




#81  
trans-1,4-Dichloro-2-butene  
Concen: 108.271 ug/l  
RT: 12.489 min Scan# 1750  
Delta R.T. 0.110 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

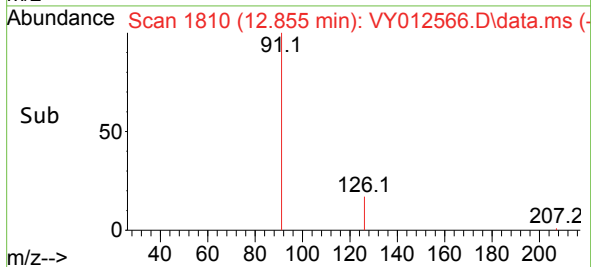
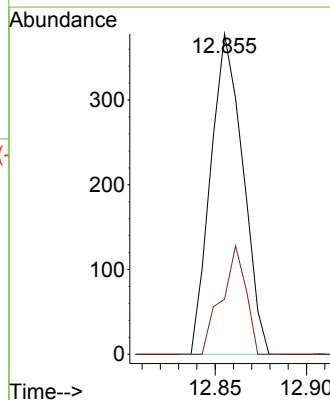
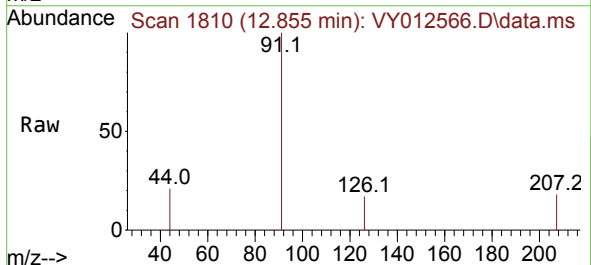
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-330RE

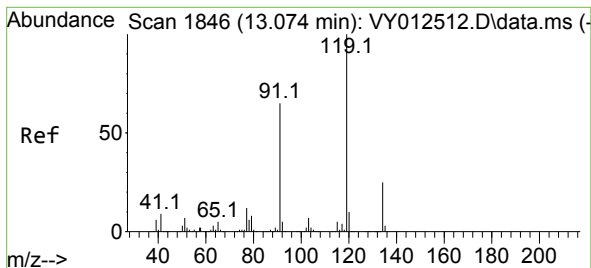
Tgt Ion: 75 Resp: 847  
Ion Ratio Lower Upper  
75 100  
53 0.0 73.1 109.7#  
89 0.0 39.9 59.9#



#82  
4-Chlorotoluene  
Concen: 5.311 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

Tgt Ion: 91 Resp: 465  
Ion Ratio Lower Upper  
91 100  
126 25.4 18.1 54.3





#83

tert-Butylbenzene

Concen: 4.096 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY012566.D

Acq: 09 Feb 2023 16:55

Instrument :

MSVOA\_Y

ClientSampleId :

ETGI-330RE

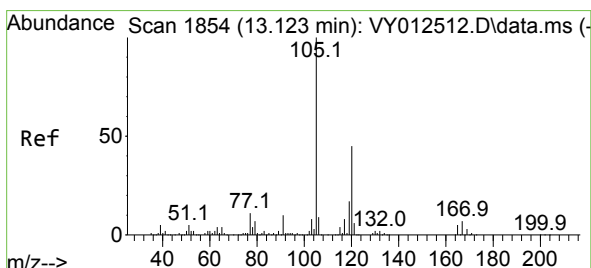
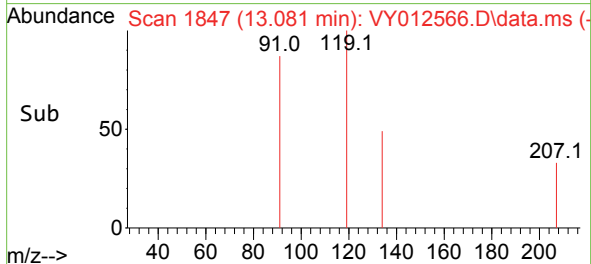
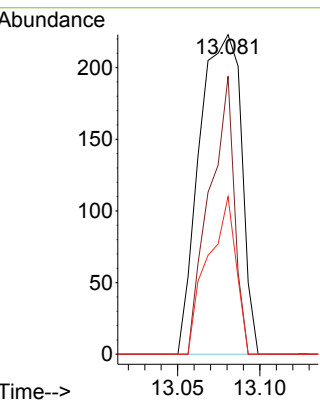
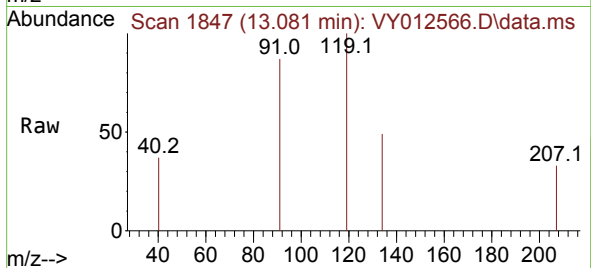
Tgt Ion:119 Resp: 395

Ion Ratio Lower Upper

119 100

91 51.9 33.0 99.0

134 33.4 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 2.218 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY012566.D

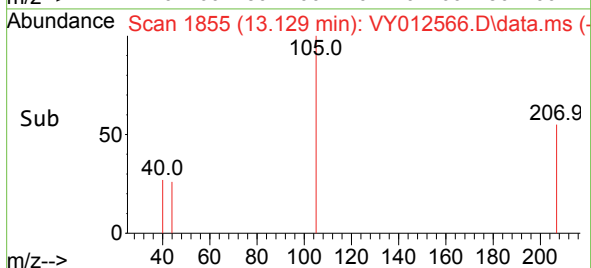
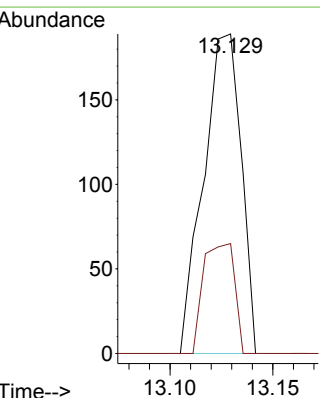
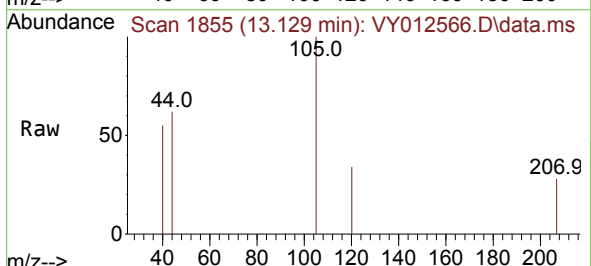
Acq: 09 Feb 2023 16:55

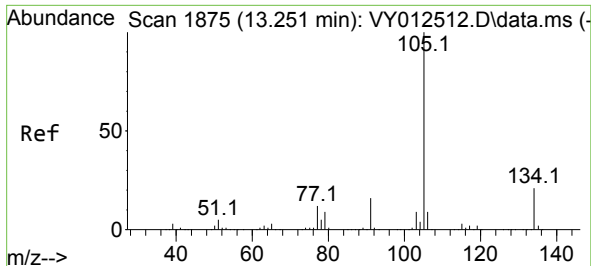
Tgt Ion:105 Resp: 240

Ion Ratio Lower Upper

105 100

120 28.3 22.8 68.3

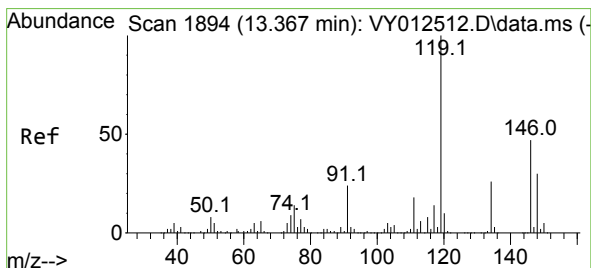
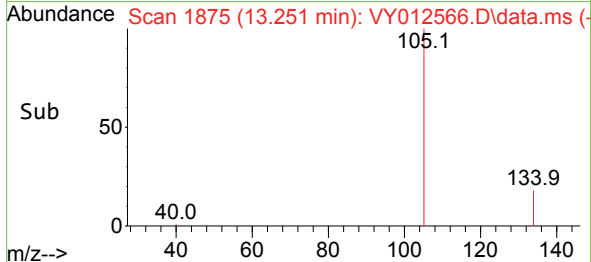
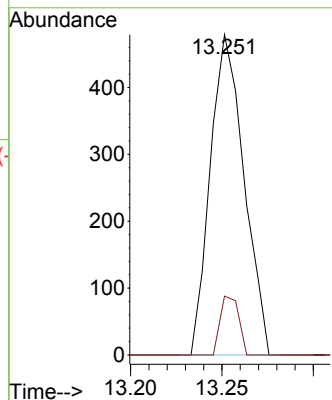
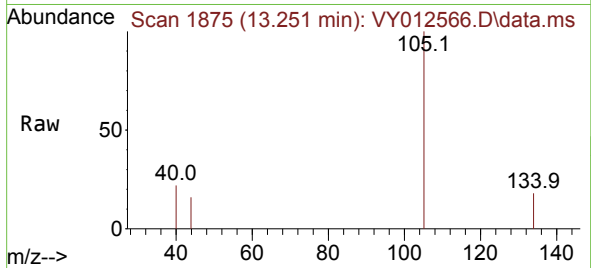




#85  
 sec-Butylbenzene  
 Concen: 4.465 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY012566.D  
 Acq: 09 Feb 2023 16:55

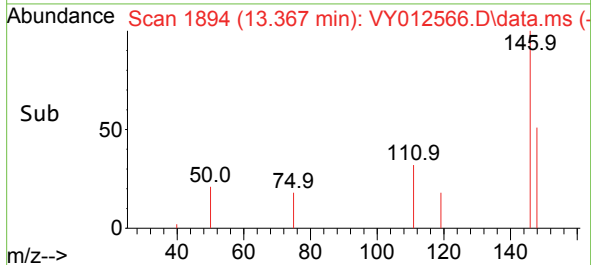
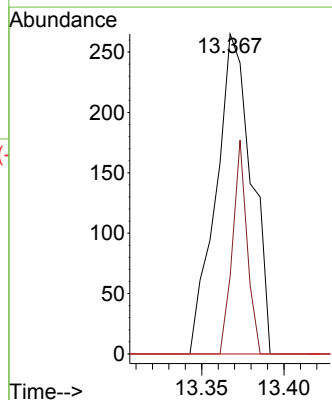
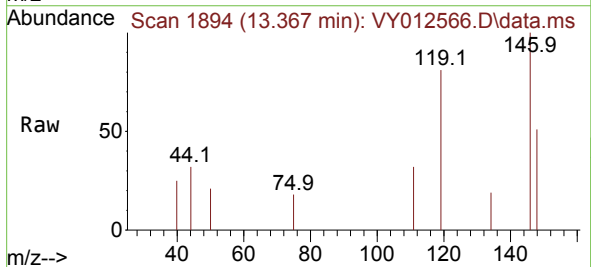
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ETGI-330RE

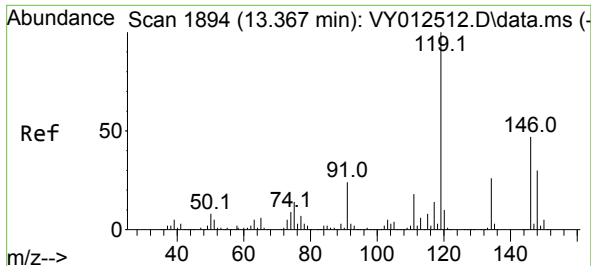
Tgt Ion:105 Resp: 616  
 Ion Ratio Lower Upper  
 105 100  
 134 10.1 10.8 32.3#



#86  
 p-Isopropyltoluene  
 Concen: 3.334 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY012566.D  
 Acq: 09 Feb 2023 16:55

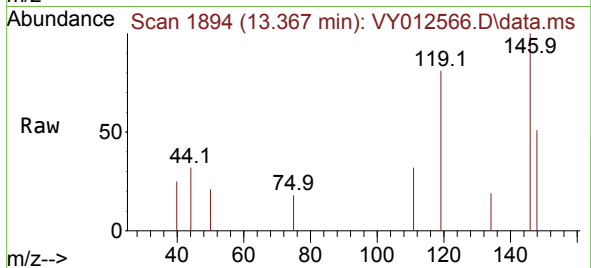
Tgt Ion:119 Resp: 399  
 Ion Ratio Lower Upper  
 119 100  
 134 27.3 13.4 40.1  
 91 0.0 12.0 36.1#



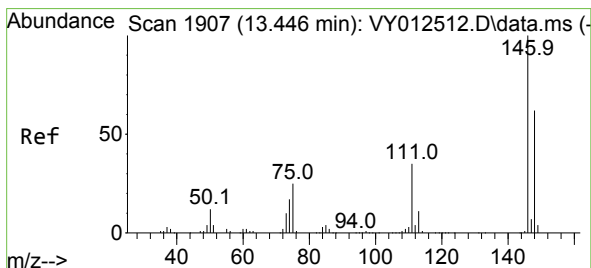
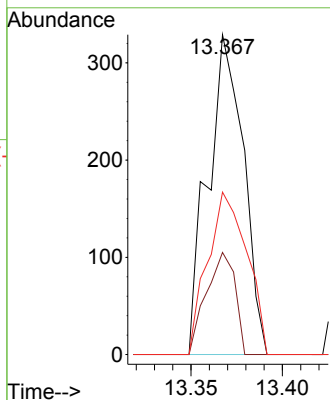
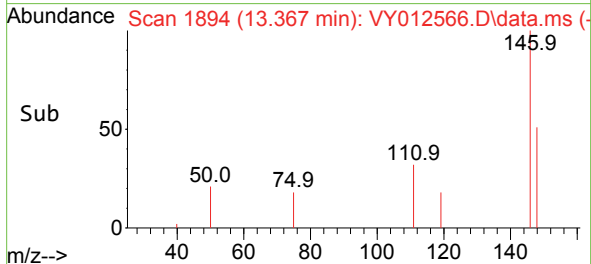


#87  
 1,3-Dichlorobenzene  
 Concen: 7.239 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY012566.D  
 Acq: 09 Feb 2023 16:55

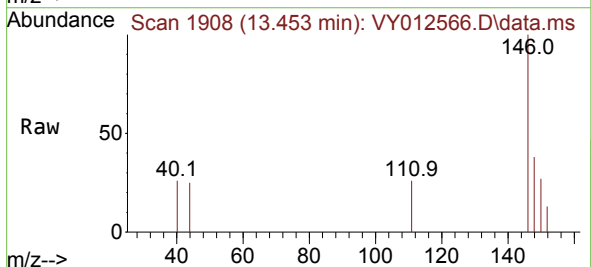
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ETGI-330RE



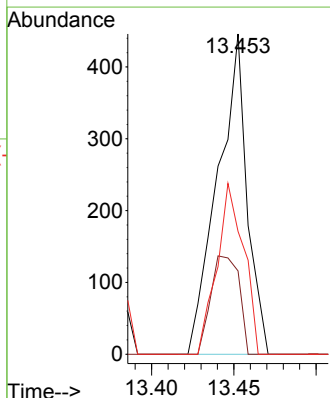
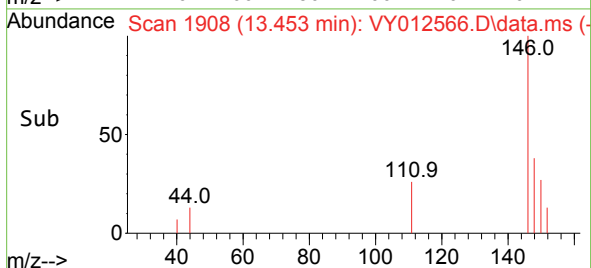
Tgt Ion:146 Resp: 446  
 Ion Ratio Lower Upper  
 146 100  
 111 25.8 19.3 57.9  
 148 56.1 32.0 96.2

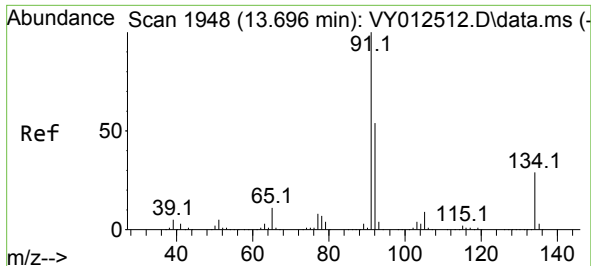


#88  
 1,4-Dichlorobenzene  
 Concen: 8.929 ug/l  
 RT: 13.453 min Scan# 1908  
 Delta R.T. 0.006 min  
 Lab File: VY012566.D  
 Acq: 09 Feb 2023 16:55



Tgt Ion:146 Resp: 551  
 Ion Ratio Lower Upper  
 146 100  
 111 29.8 18.4 55.2  
 148 48.8 31.6 95.0

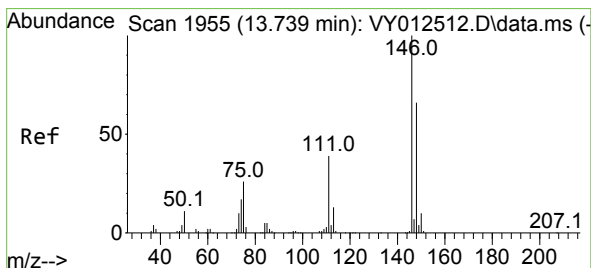
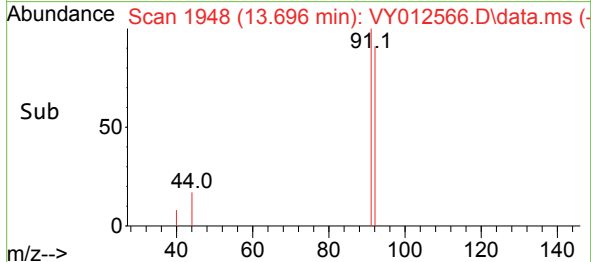
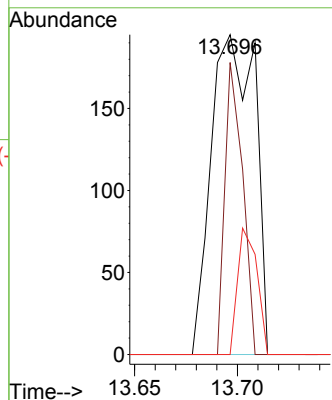
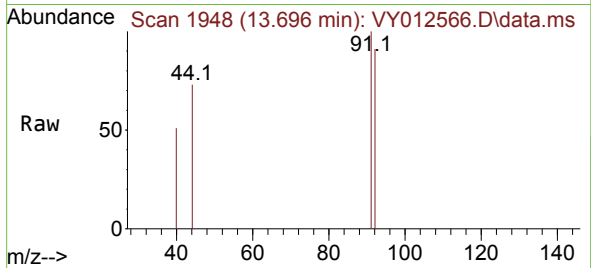




#89  
n-Butylbenzene  
Concen: 2.825 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

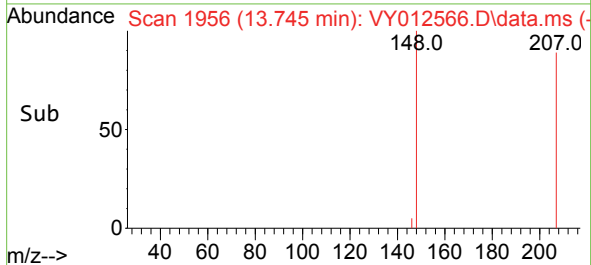
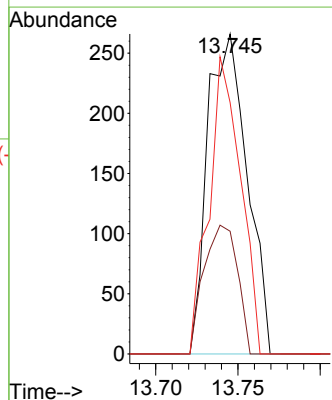
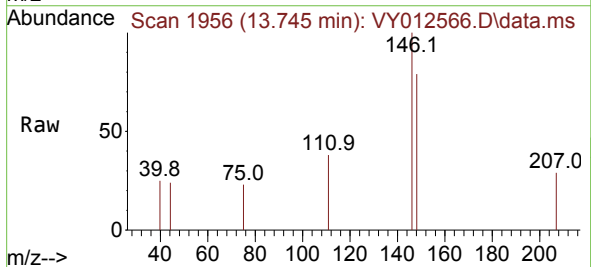
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-330RE

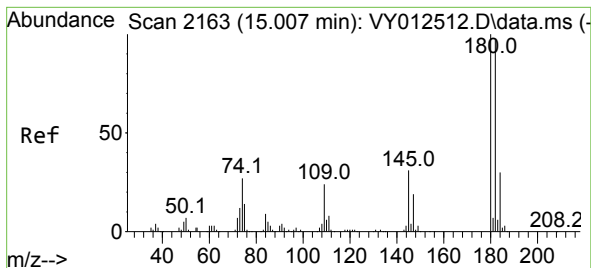
Tgt Ion: 91 Resp: 289  
Ion Ratio Lower Upper  
91 100  
92 36.7 26.6 79.7  
134 17.3 14.5 43.5



#91  
1,2-Dichlorobenzene  
Concen: 8.011 ug/l  
RT: 13.745 min Scan# 1956  
Delta R.T. 0.006 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

Tgt Ion:146 Resp: 444  
Ion Ratio Lower Upper  
146 100  
111 34.2 19.7 59.1  
148 74.3 32.0 96.0





#93

1,2,4-Trichlorobenzene

Concen: 4.514 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012566.D

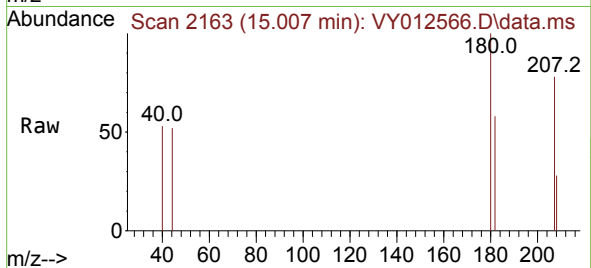
Acq: 09 Feb 2023 16:55

Instrument :

MSVOA\_Y

ClientSampleId :

ETGI-330RE



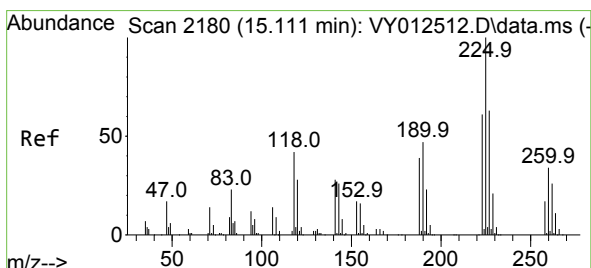
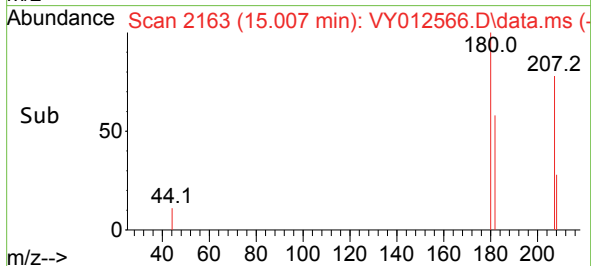
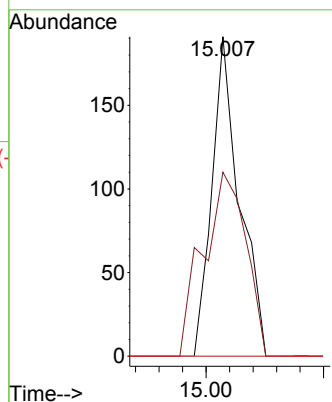
Tgt Ion:180 Resp: 155

Ion Ratio Lower Upper

180 100

182 89.7 47.7 143.1

145 0.0 15.4 46.4#



#94

Hexachlorobutadiene

Concen: 1.969 ug/l

RT: 15.099 min Scan# 2178

Delta R.T. -0.012 min

Lab File: VY012566.D

Acq: 09 Feb 2023 16:55

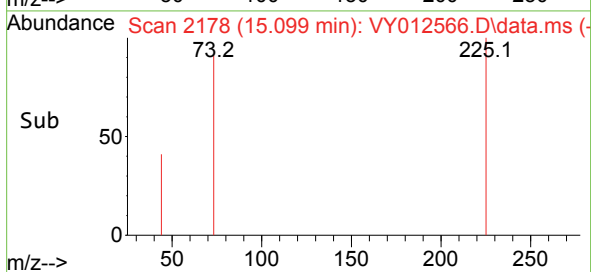
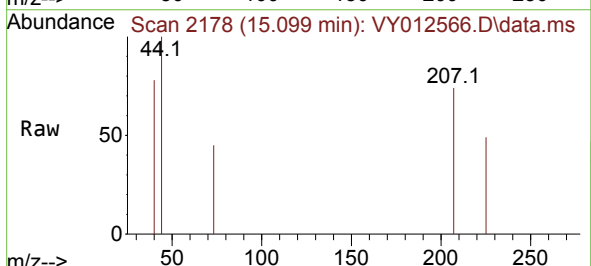
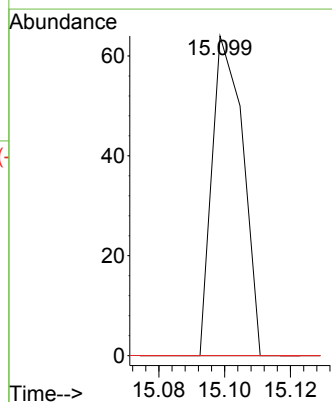
Tgt Ion:225 Resp: 42

Ion Ratio Lower Upper

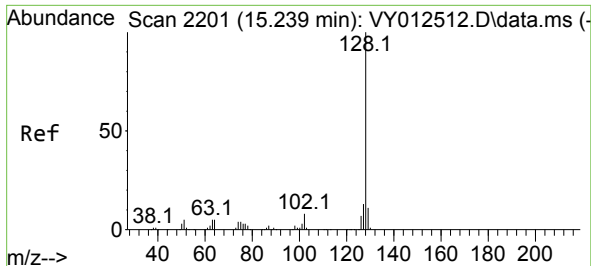
225 100

223 0.0 31.1 93.3#

227 0.0 31.9 95.5#



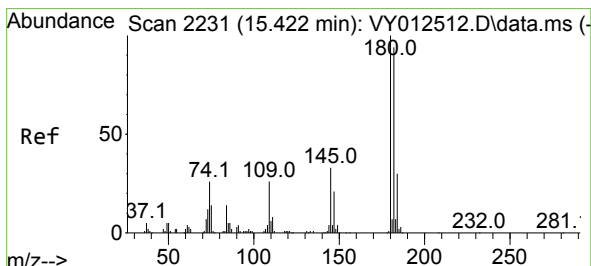
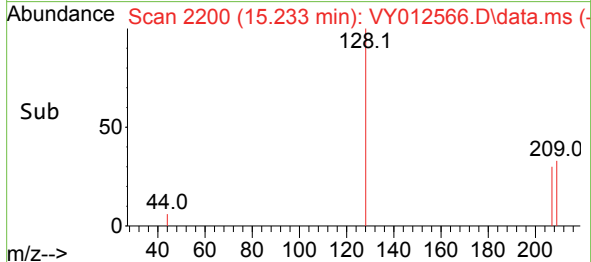
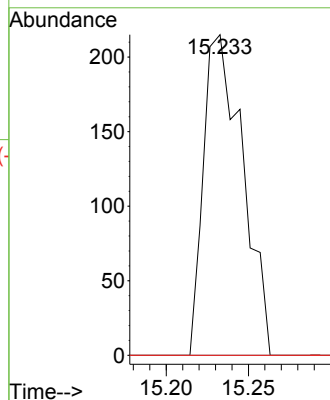
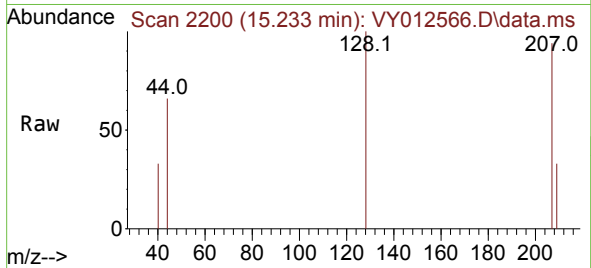




#95  
Naphthalene  
Concen: 5.400 ug/l  
RT: 15.233 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-330RE

Tgt Ion:128 Resp: 356  
Ion Ratio Lower Upper  
128 100  
127 0.0 10.4 15.6#  
129 0.0 8.6 12.8#



#96  
1,2,3-Trichlorobenzene  
Concen: 3.902 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.006 min  
Lab File: VY012566.D  
Acq: 09 Feb 2023 16:55

Tgt Ion:180 Resp: 116  
Ion Ratio Lower Upper  
180 100  
182 126.7 47.4 142.2  
145 0.0 16.2 48.6#

