

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY121525\  
 Data File : VY023967.D  
 Acq On : 15 Dec 2025 11:29  
 Operator : SY/MD  
 Sample : Q3854-01  
 Misc : 4.78g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ETGI-360

Quant Time: Dec 16 02:12:42 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y121025S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 11 03:57:51 2025  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 7.719          | 168  | 36043      | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.628          | 114  | 44892      | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.426         | 117  | 29562      | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.352         | 152  | 5222       | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.073          | 65   | 12717      | 39.906    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 50 - 163 |      | Recovery = | 79.820%   |        |          |
| 35) Dibromofluoromethane      | 7.652          | 113  | 12765      | 43.499    | ug/l   | 0.01     |
| Spiked Amount 50.000          | Range 54 - 147 |      | Recovery = | 87.000%   |        |          |
| 50) Toluene-d8                | 10.115         | 98   | 46632      | 42.681    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 134 |      | Recovery = | 85.360%   |        |          |
| 62) 4-Bromofluorobenzene      | 12.414         | 95   | 7295       | 19.994    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 30 - 143 |      | Recovery = | 39.980%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        | Qvalue   |
| 3) Chloromethane              | 2.080          | 50   | 625        | 1.946     | ug/l # | 88       |
| 5) Bromomethane               | 2.629          | 94   | 1710       | 5.062     | ug/l   | 89       |
| 10) Methyl Iodide             | 4.031          | 142  | 1022       | 2.302     | ug/l # | 79       |
| 11) Tert butyl alcohol        | 4.884          | 59   | 44         | 2.384     | ug/l # | 71       |
| 13) Acrolein                  | 3.683          | 56   | 56         | 1.897     | ug/l # | 15       |
| 15) Acrylonitrile             | 5.098          | 53   | 88         | 1.346     | ug/l # | 30       |
| 16) Acetone                   | 3.885          | 43   | 281        | Below Cal | #      | 42       |
| 20) Methylene Chloride        | 4.641          | 84   | 1318       | 3.516     | ug/l # | 77       |
| 31) Cyclohexane               | 7.719          | 56   | 749        | 1.371     | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 7.725          | 117  | 3395       | 7.011     | ug/l # | 16       |
| 60) Dibromochloromethane      | 10.664         | 129  | 313        | 1.016     | ug/l # | 11       |
| 65) Chlorobenzene             | 11.456         | 112  | 837        | 1.222     | ug/l # | 85       |
| 68) m/p-Xylenes               | 11.639         | 106  | 644        | 1.413     | ug/l   | 83       |
| 73) Isopropylbenzene          | 12.261         | 105  | 666        | 1.745     | ug/l # | 64       |
| 76) 1,2,3-Trichloropropane    | 12.420         | 75   | 3313       | 75.001    | ug/l # | 100      |
| 77) Bromobenzene              | 12.548         | 156  | 461        | 4.868     | ug/l   | 76       |
| 78) n-propylbenzene           | 12.603         | 91   | 925        | 2.083     | ug/l   | 92       |
| 79) 2-Chlorotoluene           | 12.694         | 91   | 562        | 2.228     | ug/l   | 77       |
| 80) 1,3,5-Trimethylbenzene    | 12.749         | 105  | 441        | 1.448     | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-b... | 12.420         | 75   | 3313       | 170.720   | ug/l # | 13       |
| 82) 4-Chlorotoluene           | 12.786         | 91   | 793        | 3.054     | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.011         | 119  | 718        | 2.552     | ug/l   | 90       |
| 84) 1,2,4-Trimethylbenzene    | 13.054         | 105  | 380        | 1.260     | ug/l   | 78       |
| 85) sec-Butylbenzene          | 13.188         | 105  | 689        | 1.679     | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.310         | 119  | 435        | 1.252     | ug/l # | 67       |
| 87) 1,3-Dichlorobenzene       | 13.292         | 146  | 716        | 3.894     | ug/l   | 85       |
| 88) 1,4-Dichlorobenzene       | 13.377         | 146  | 856        | 4.722     | ug/l   | 90       |
| 89) n-Butylbenzene            | 13.627         | 91   | 493        | 1.622     | ug/l # | 68       |
| 91) 1,2-Dichlorobenzene       | 13.663         | 146  | 812        | 5.096     | ug/l   | 78       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.139         | 75   | 44         | 4.890     | ug/l # | 1        |
| 93) 1,2,4-Trichlorobenzene    | 14.931         | 180  | 725        | 7.742     | ug/l # | 61       |
| 94) Hexachlorobutadiene       | 15.023         | 225  | 127        | 2.069     | ug/l   | 63       |
| 95) Naphthalene               | 15.151         | 128  | 1082       | 7.473     | ug/l # | 81       |
| 96) 1,2,3-Trichlorobenzene    | 15.346         | 180  | 590        | 7.404     | ug/l   | 89       |
| -----                         |                |      |            |           |        |          |

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Sample : Q3854-01  
Misc : 4.78g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-360

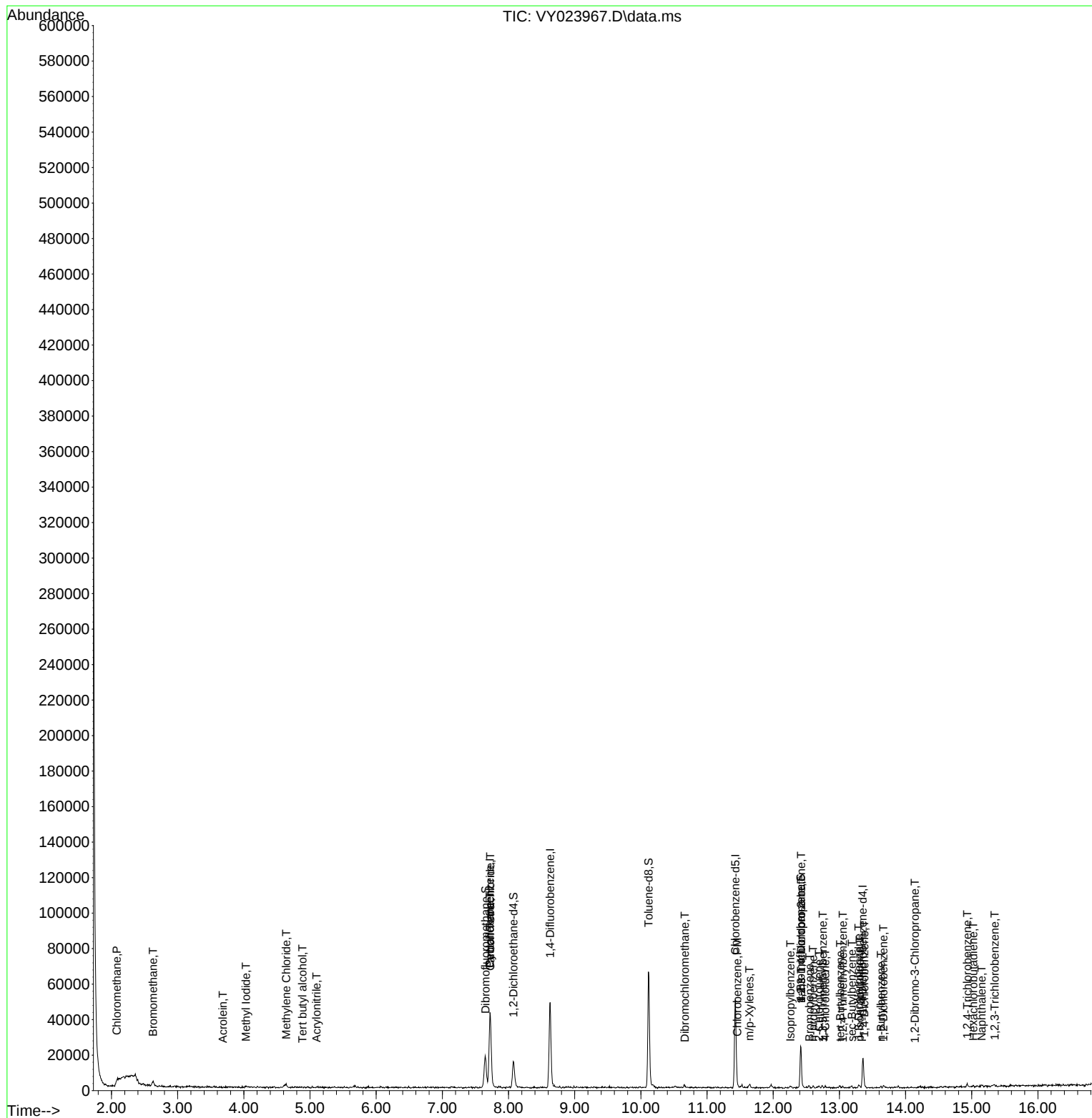
Quant Time: Dec 16 02:12:42 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y121025S.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 11 03:57:51 2025  
Response via : Initial Calibration

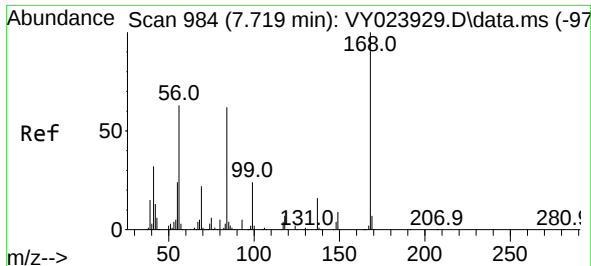
| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                             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

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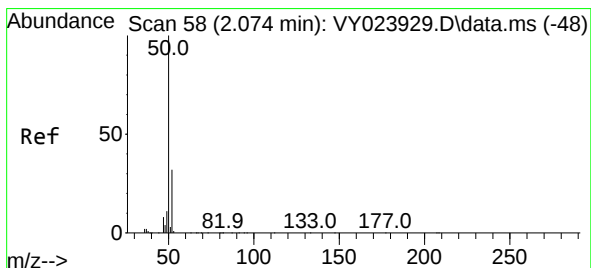
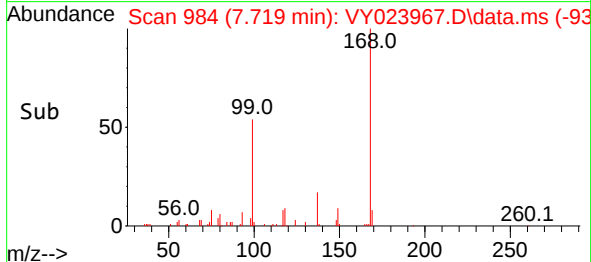
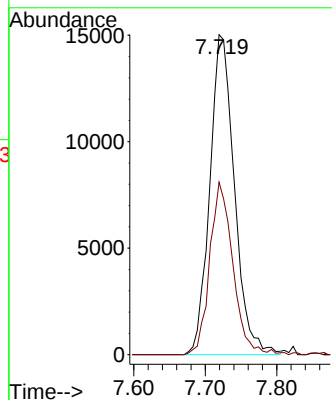
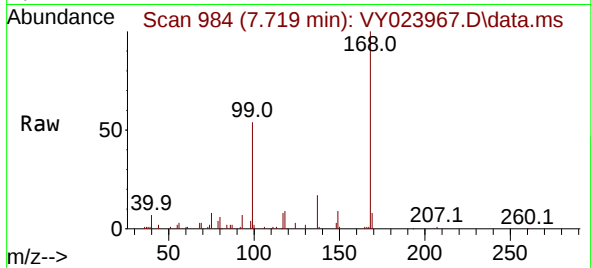




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.719 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

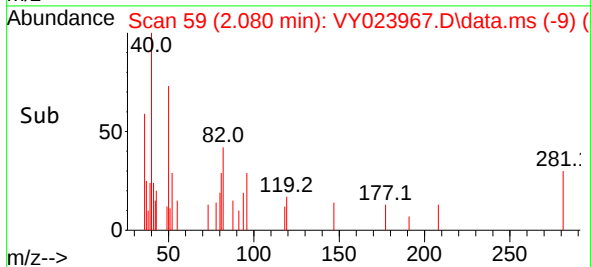
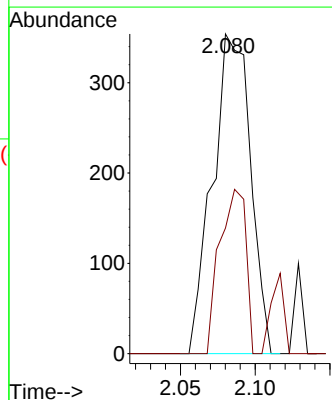
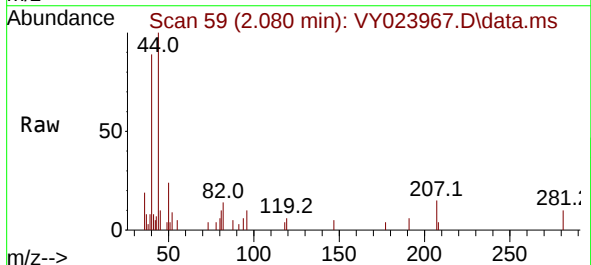
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-360

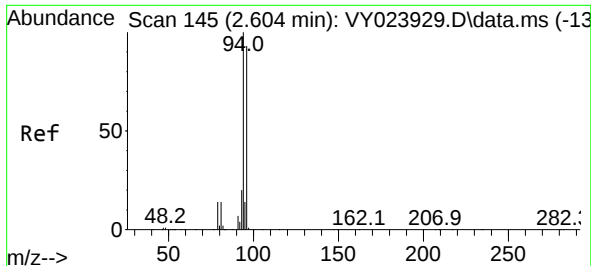
Tgt Ion:168 Resp: 36043  
Ion Ratio Lower Upper  
168 100  
99 53.9 38.9 58.3



#3  
Chloromethane  
Concen: 1.946 ug/l  
RT: 2.080 min Scan# 59  
Delta R.T. 0.006 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

Tgt Ion: 50 Resp: 625  
Ion Ratio Lower Upper  
50 100  
52 39.3 25.8 38.8#

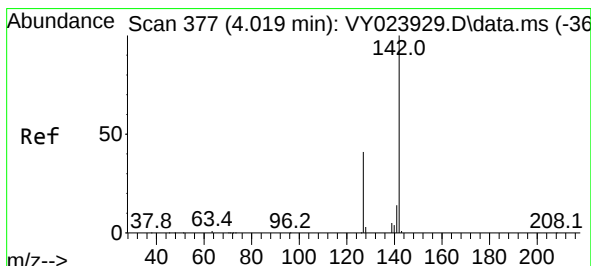
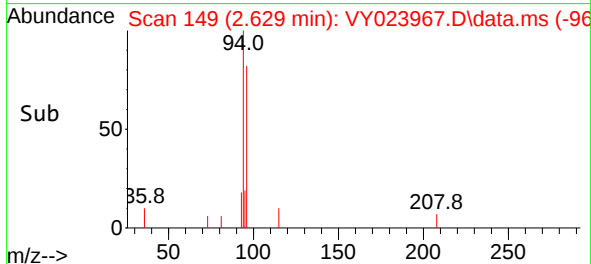
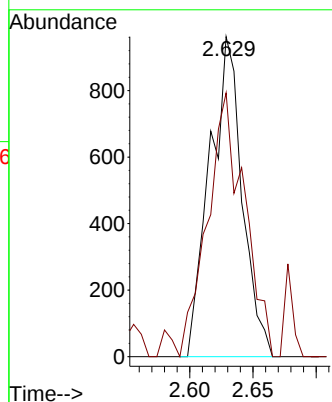
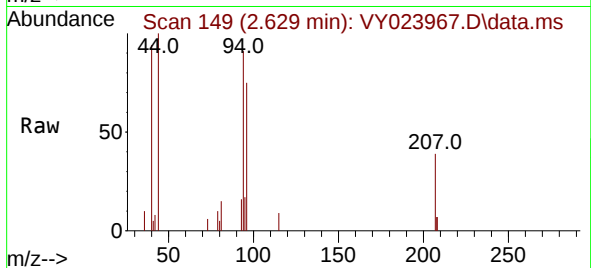




#5  
Bromomethane  
Concen: 5.062 ug/l  
RT: 2.629 min Scan# 145  
Delta R.T. 0.024 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

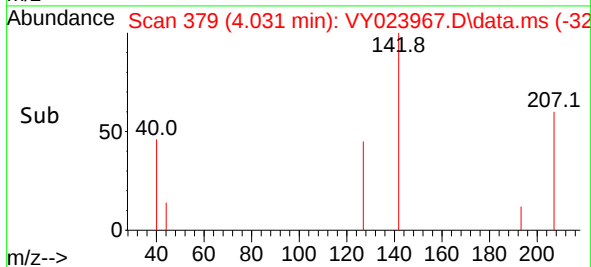
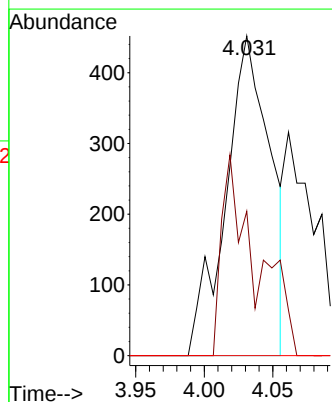
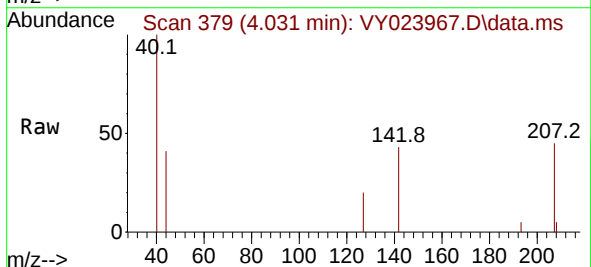
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-360

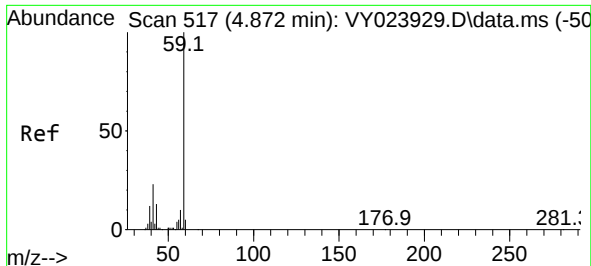
Tgt Ion: 94 Resp: 1710  
Ion Ratio Lower Upper  
94 100  
96 82.4 74.8 112.2



#10  
Methyl Iodide  
Concen: 2.302 ug/l  
RT: 4.031 min Scan# 379  
Delta R.T. 0.012 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

Tgt Ion:142 Resp: 1022  
Ion Ratio Lower Upper  
142 100  
127 32.5 34.5 51.7#  
141 0.0 11.5 17.3#





#11

Tert butyl alcohol

Concen: 2.384 ug/l

RT: 4.884 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY023967.D

Acq: 15 Dec 2025 11:29

Instrument :

MSVOA\_Y

ClientSampleId :

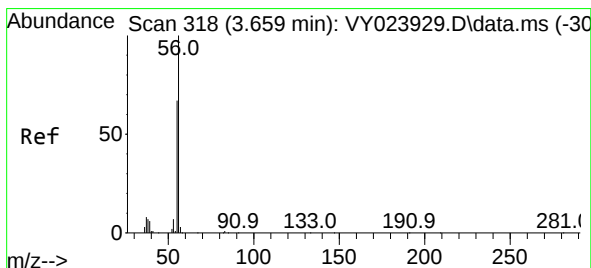
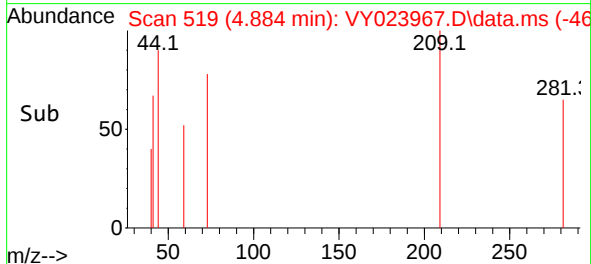
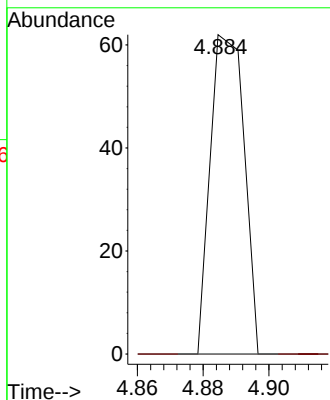
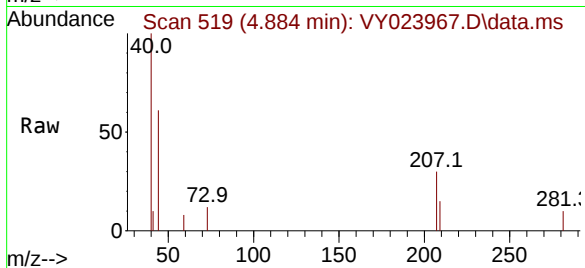
ETGI-360

Tgt Ion: 59 Resp: 44

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 1.897 ug/l

RT: 3.683 min Scan# 322

Delta R.T. 0.024 min

Lab File: VY023967.D

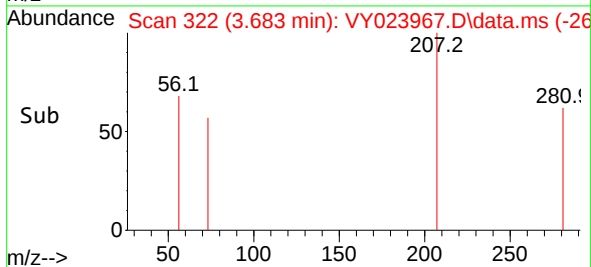
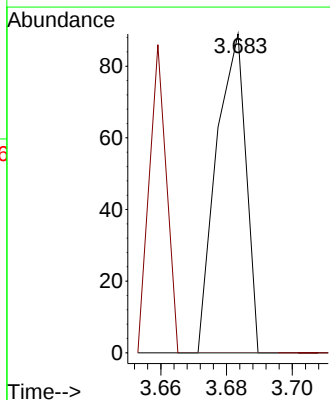
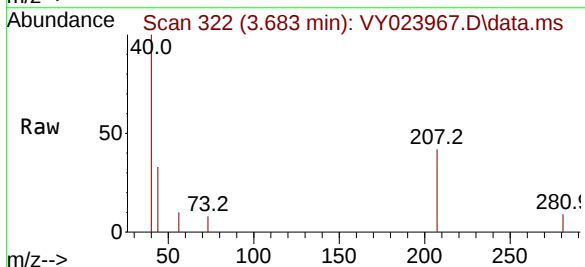
Acq: 15 Dec 2025 11:29

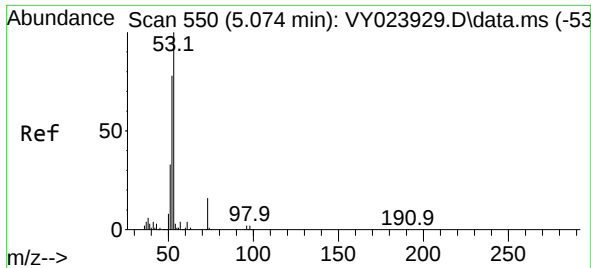
Tgt Ion: 56 Resp: 56

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#

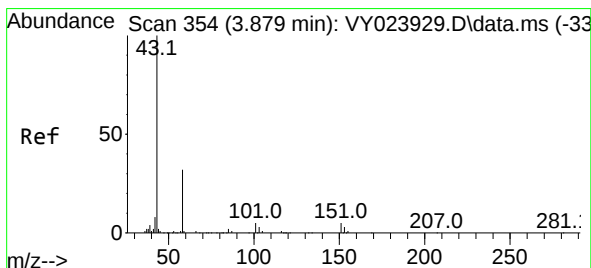
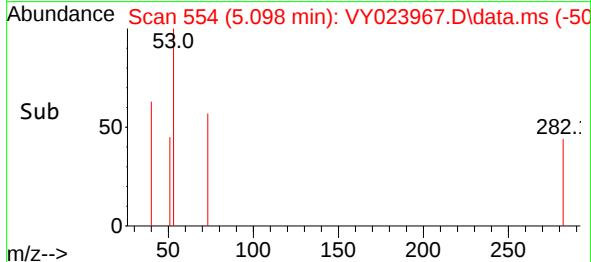
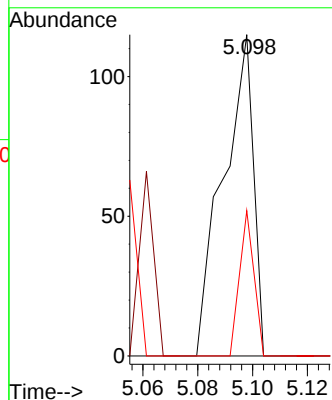
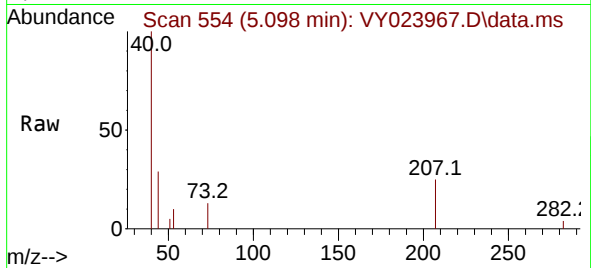




#15  
Acrylonitrile  
Concen: 1.346 ug/l  
RT: 5.098 min Scan# 51  
Delta R.T. 0.024 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

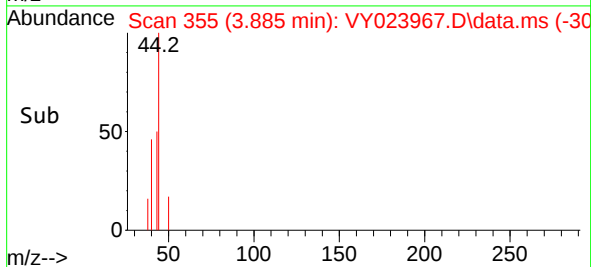
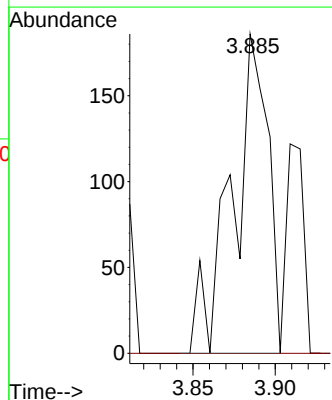
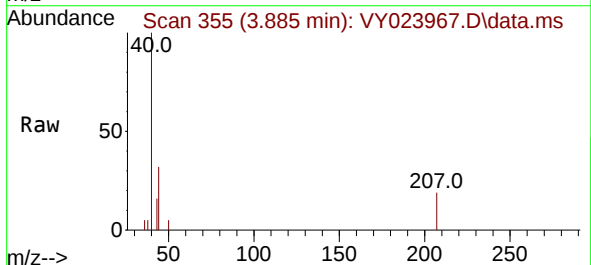
Instrument :  
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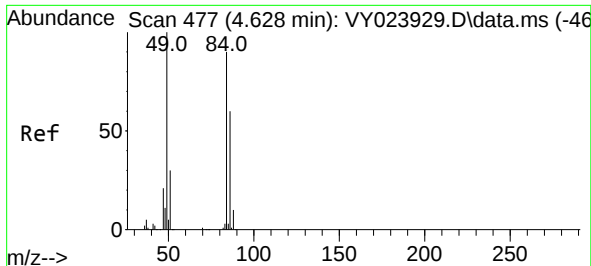
Tgt Ion: 53 Resp: 88  
Ion Ratio Lower Upper  
53 100  
52 0.0 64.2 96.2#  
51 21.6 29.3 43.9#



#16  
Acetone  
Concen: Below Cal  
RT: 3.885 min Scan# 355  
Delta R.T. 0.006 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

Tgt Ion: 43 Resp: 281  
Ion Ratio Lower Upper  
43 100  
58 0.0 26.4 39.6#

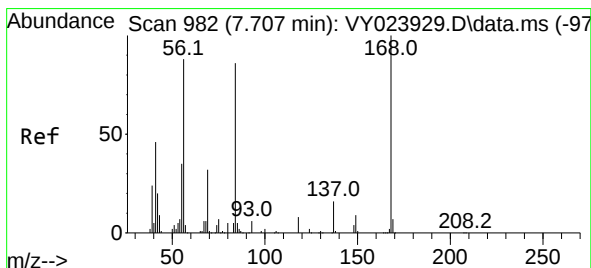
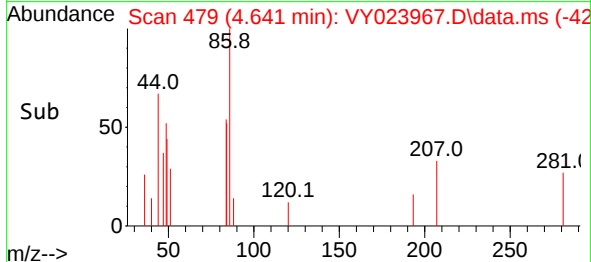
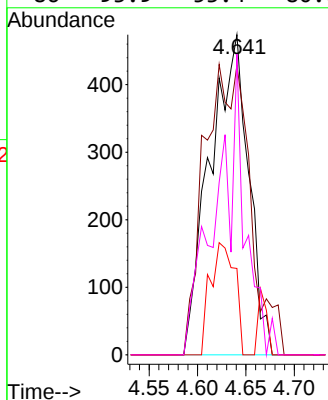
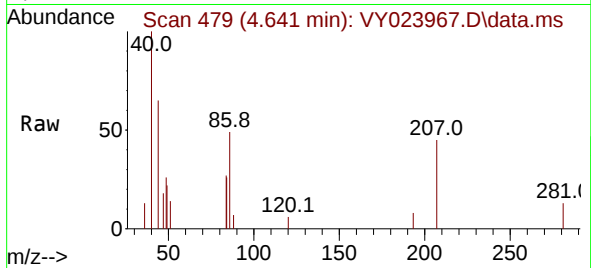




#20  
Methylene Chloride  
Concen: 3.516 ug/l  
RT: 4.641 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

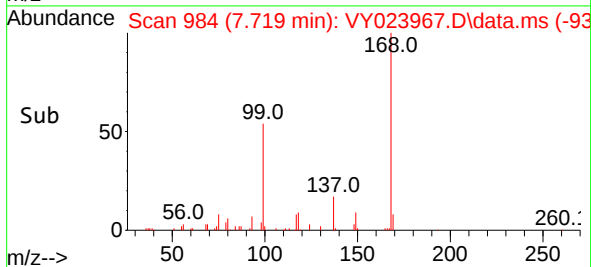
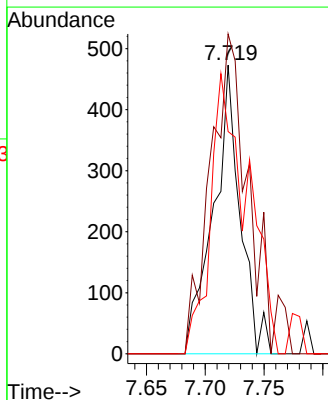
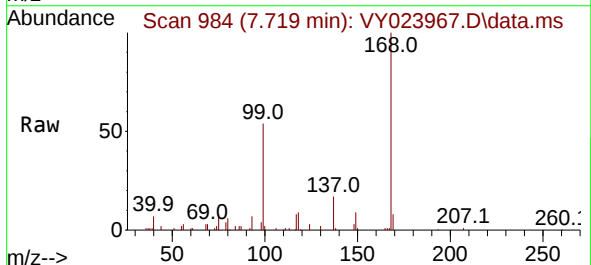
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MSVOA\_Y  
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ETGI-360

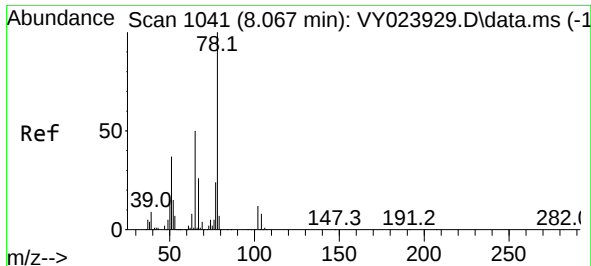
Tgt Ion: 84 Resp: 1318  
Ion Ratio Lower Upper  
84 100  
49 90.5 89.1 133.7  
51 27.0 26.6 39.8  
86 93.9 53.4 80.0#



#31  
Cyclohexane  
Concen: 1.371 ug/l  
RT: 7.719 min Scan# 984  
Delta R.T. 0.012 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

Tgt Ion: 56 Resp: 749  
Ion Ratio Lower Upper  
56 100  
69 110.8 29.1 43.7#  
84 77.0 77.8 116.8#





#33

1,2-Dichloroethane-d4

Concen: 39.906 ug/l

RT: 8.073 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023967.D

Acq: 15 Dec 2025 11:29

Instrument :

MSVOA\_Y

ClientSampleId :

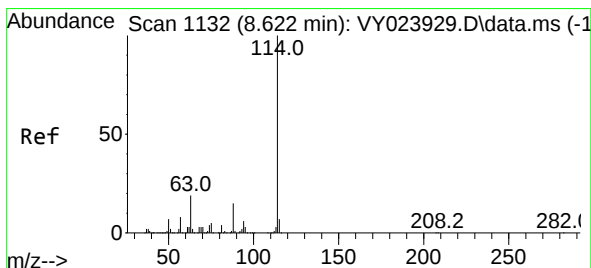
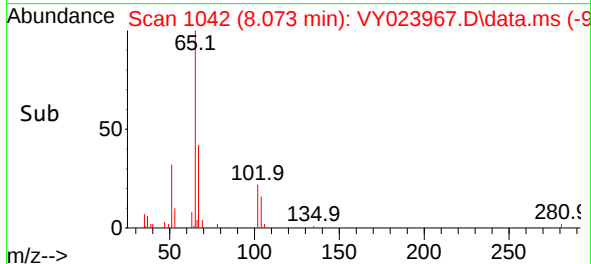
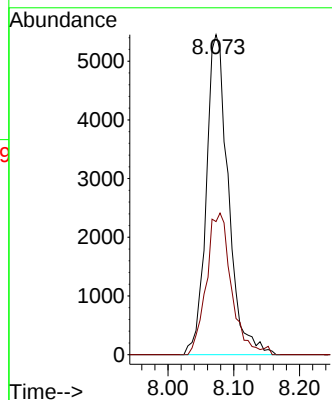
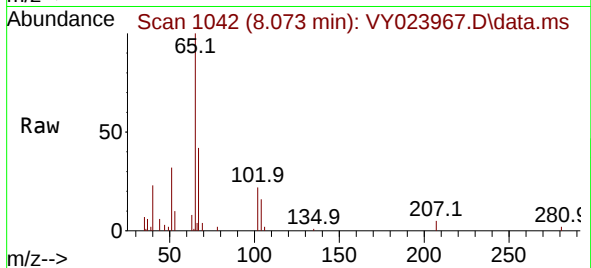
ETGI-360

Tgt Ion: 65 Resp: 12717

Ion Ratio Lower Upper

65 100

67 50.2 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY023967.D

Acq: 15 Dec 2025 11:29

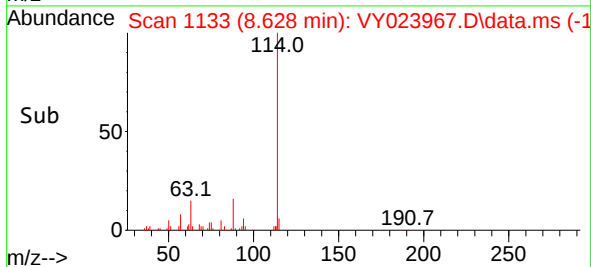
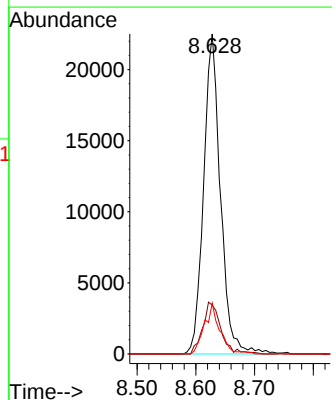
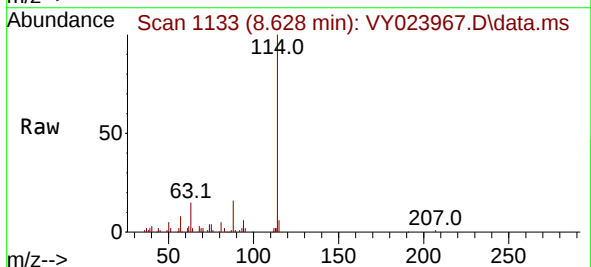
Tgt Ion:114 Resp: 44892

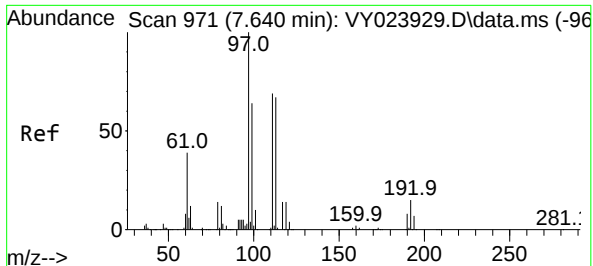
Ion Ratio Lower Upper

114 100

63 15.2 0.0 37.2

88 15.9 0.0 29.4





#35

Dibromofluoromethane

Concen: 43.499 ug/l

RT: 7.652 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY023967.D

Acq: 15 Dec 2025 11:29

Instrument :

MSVOA\_Y

ClientSampleId :

ETGI-360

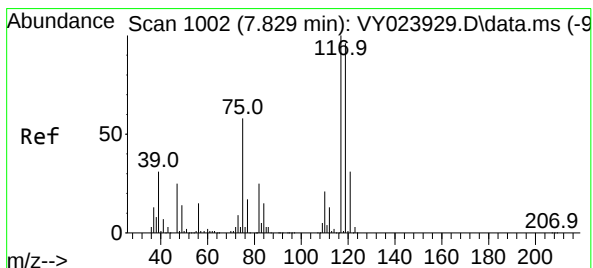
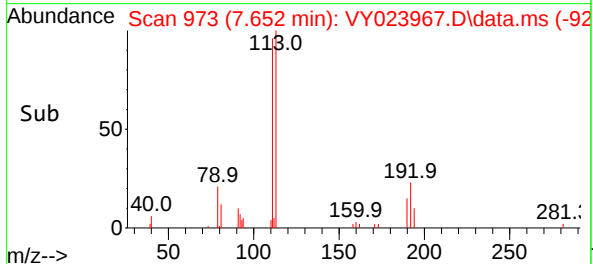
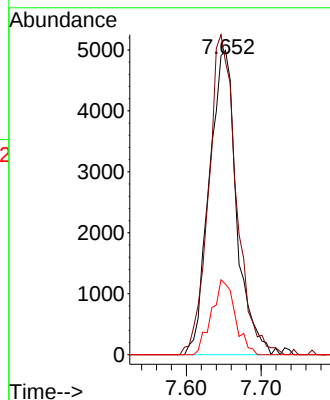
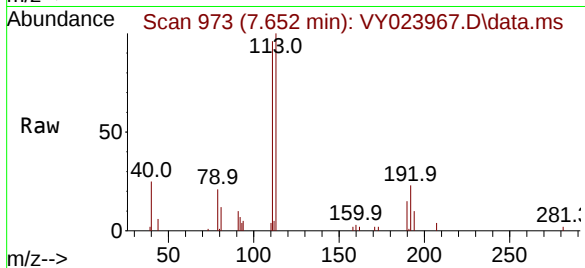
Tgt Ion:113 Resp: 12765

Ion Ratio Lower Upper

113 100

111 106.0 82.4 123.6

192 21.1 17.9 26.9



#38

Carbon Tetrachloride

Concen: 7.011 ug/l

RT: 7.725 min Scan# 985

Delta R.T. -0.104 min

Lab File: VY023967.D

Acq: 15 Dec 2025 11:29

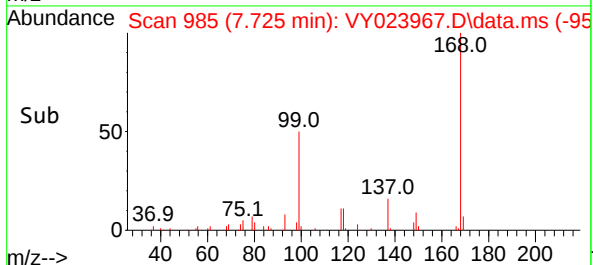
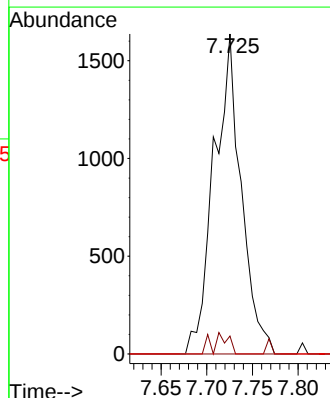
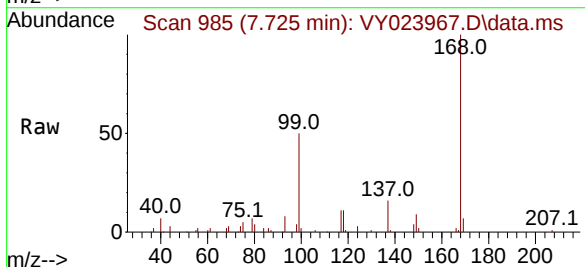
Tgt Ion:117 Resp: 3395

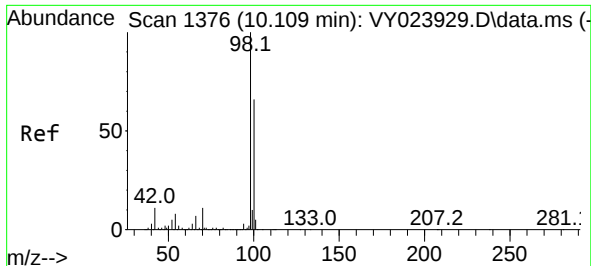
Ion Ratio Lower Upper

117 100

119 5.6 76.6 114.8#

121 0.0 24.8 37.2#

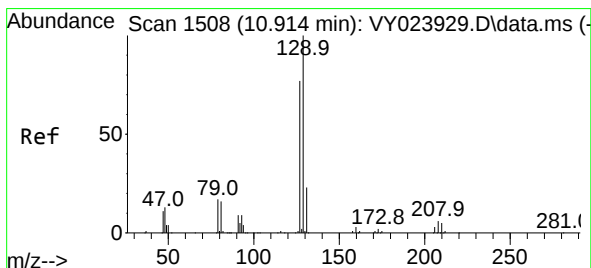
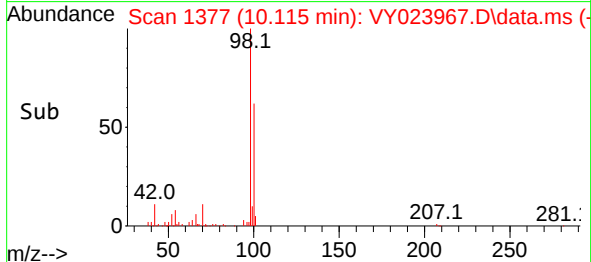
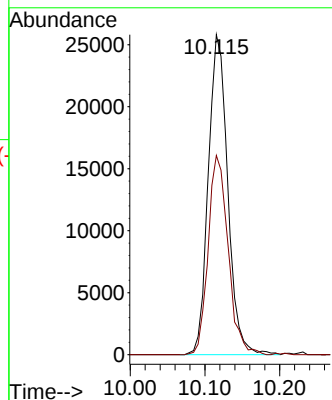
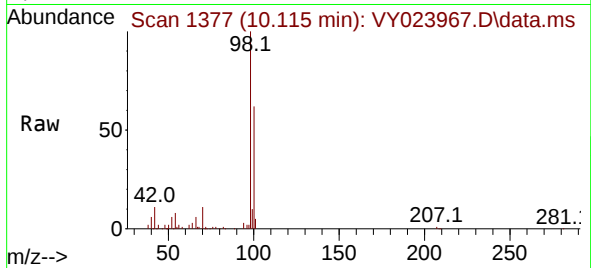




#50  
Toluene-d8  
Concen: 42.681 ug/l  
RT: 10.115 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

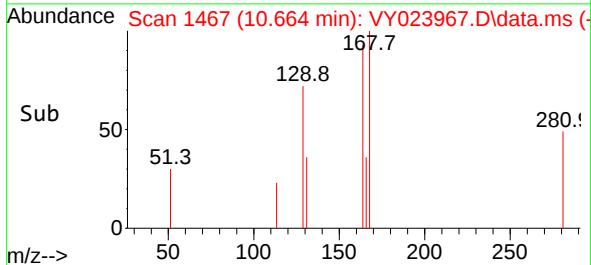
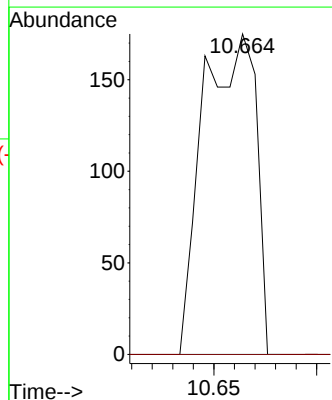
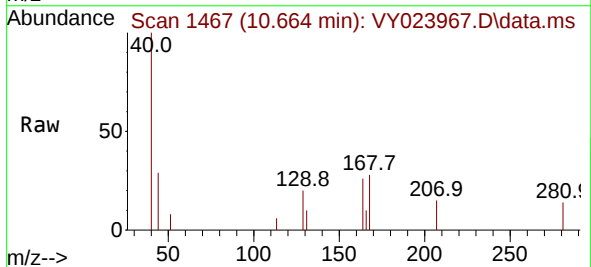
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-360

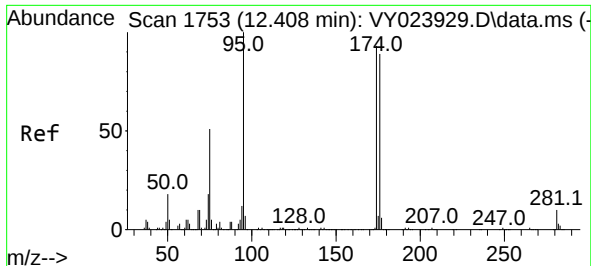
Tgt Ion: 98 Resp: 46632  
Ion Ratio Lower Upper  
98 100  
100 63.9 52.8 79.2



#60  
Dibromochloromethane  
Concen: 1.016 ug/l  
RT: 10.664 min Scan# 1467  
Delta R.T. -0.250 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

Tgt Ion: 129 Resp: 313  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.1 114.5#

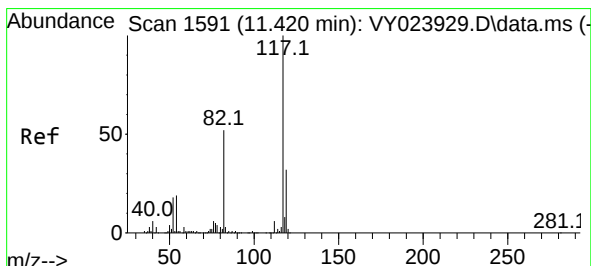
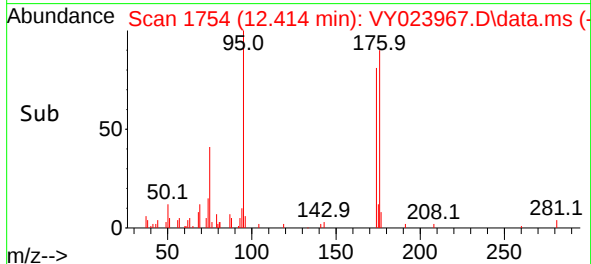
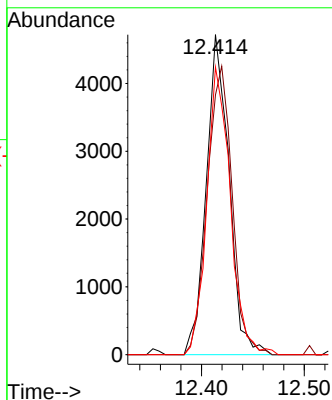
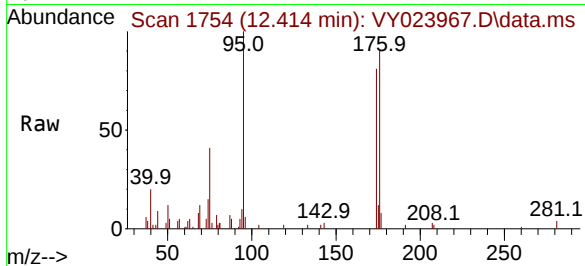




#62  
4-Bromofluorobenzene  
Concen: 19.994 ug/l  
RT: 12.414 min Scan# 1754  
Delta R.T. 0.006 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

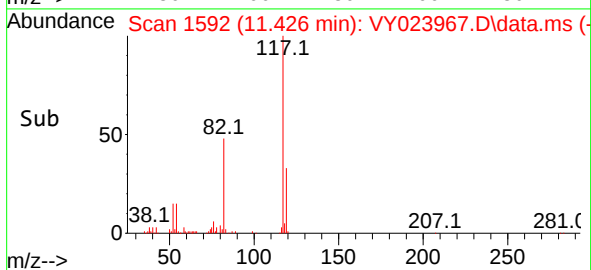
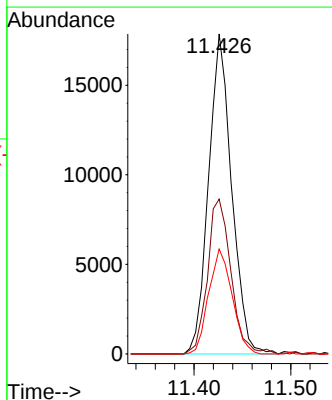
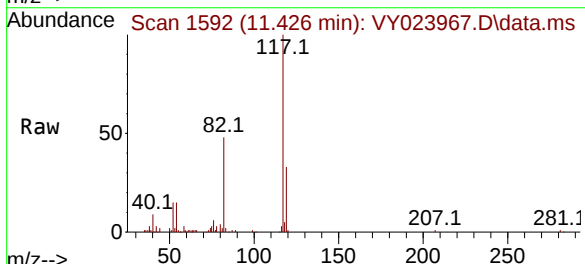
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-360

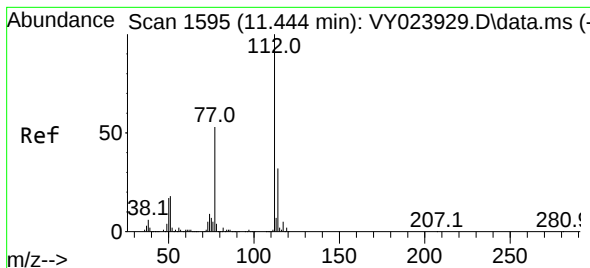
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 7295  |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 98.1  | 0.0   | 187.4 |
| 176      | 92.7  | 0.0   | 179.6 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.426 min Scan# 1592  
Delta R.T. 0.006 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 29562 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 48.4  | 41.4  | 62.2  |
| 119      | 32.8  | 25.5  | 38.3  |





#65

Chlorobenzene

Concen: 1.222 ug/l

RT: 11.456 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023967.D

Acq: 15 Dec 2025 11:29

Instrument :

MSVOA\_Y

ClientSampleId :

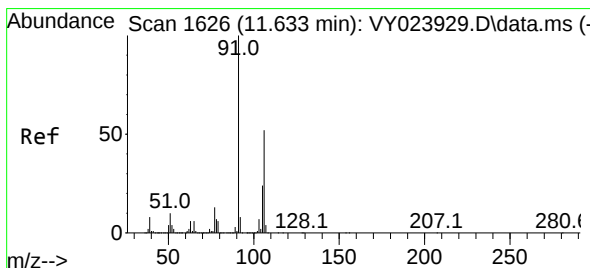
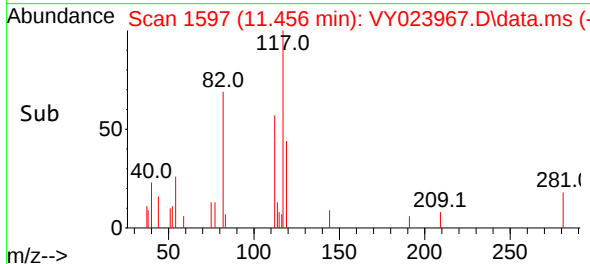
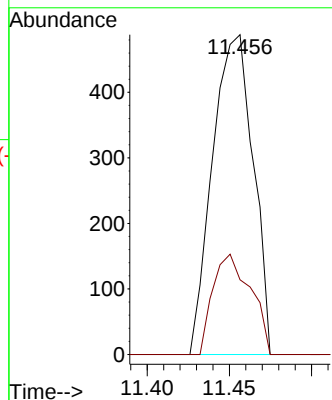
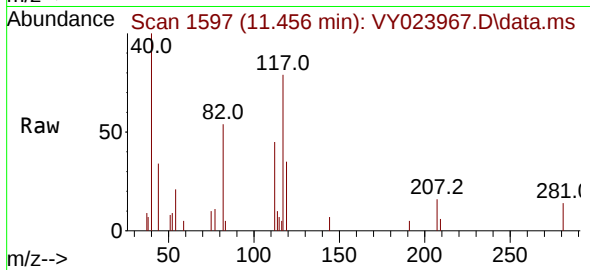
ETGI-360

Tgt Ion:112 Resp: 837

Ion Ratio Lower Upper

112 100

114 23.4 25.3 37.9#



#68

m/p-Xylenes

Concen: 1.413 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY023967.D

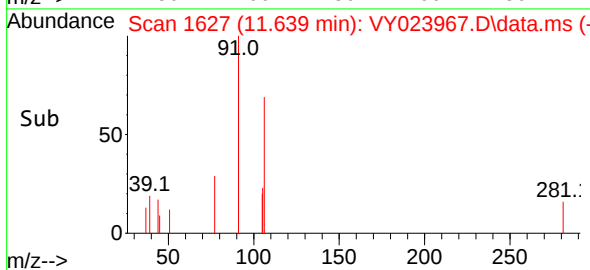
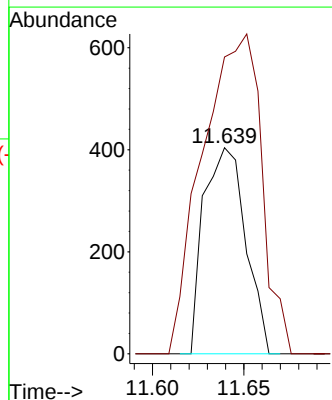
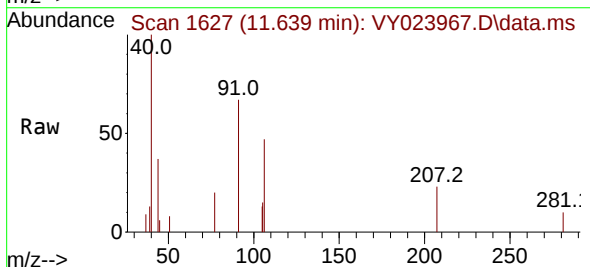
Acq: 15 Dec 2025 11:29

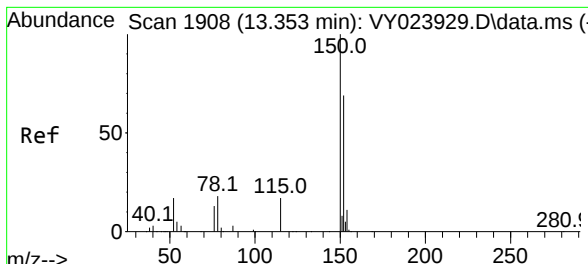
Tgt Ion:106 Resp: 644

Ion Ratio Lower Upper

106 100

91 218.5 155.0 232.6

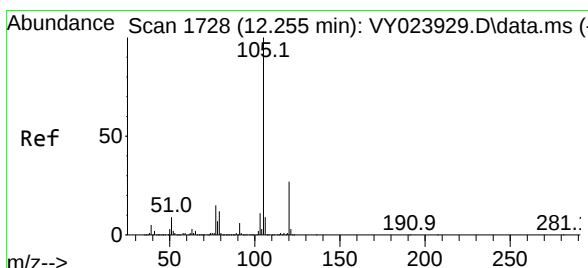
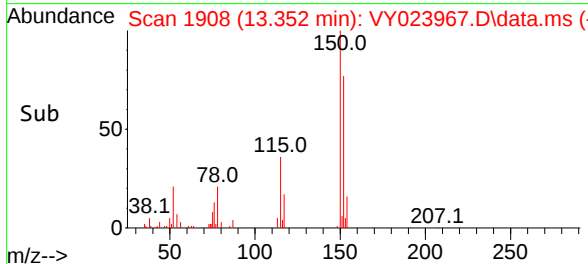
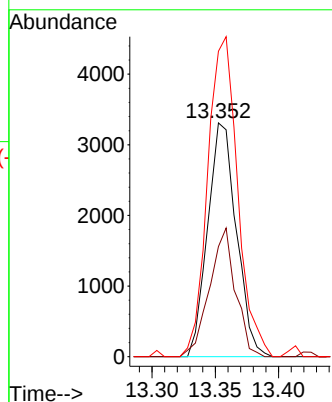
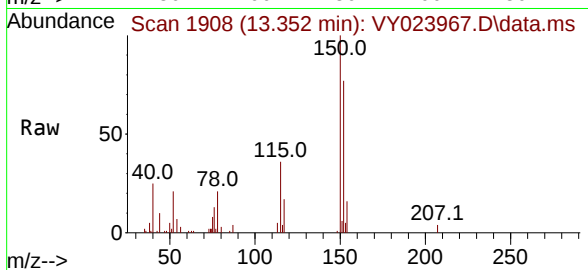




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.352 min Scan# 1908  
 Delta R.T. -0.000 min  
 Lab File: VY023967.D  
 Acq: 15 Dec 2025 11:29

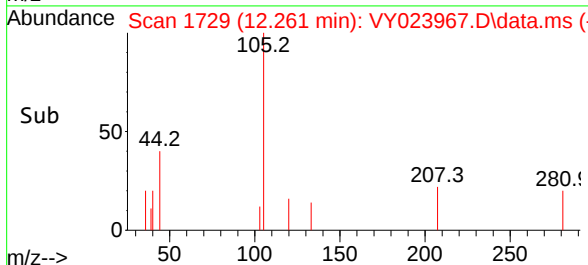
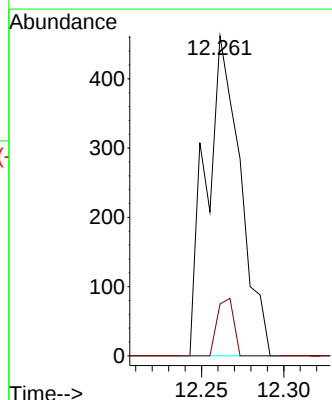
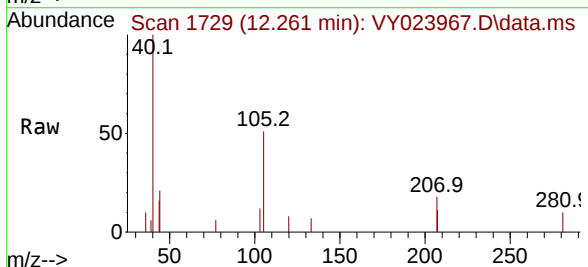
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ETGI-360

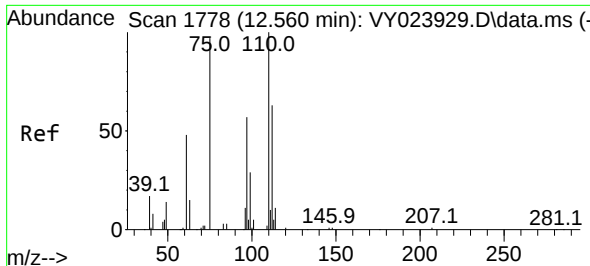
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 5222  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 49.9  | 27.3  | 81.9  |
| 150      | 142.8 | 0.0   | 347.6 |



#73  
 Isopropylbenzene  
 Concen: 1.745 ug/l  
 RT: 12.261 min Scan# 1729  
 Delta R.T. 0.006 min  
 Lab File: VY023967.D  
 Acq: 15 Dec 2025 11:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 666   |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 8.7   | 13.7  | 41.0# |

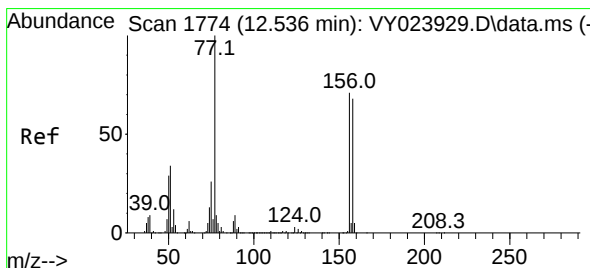
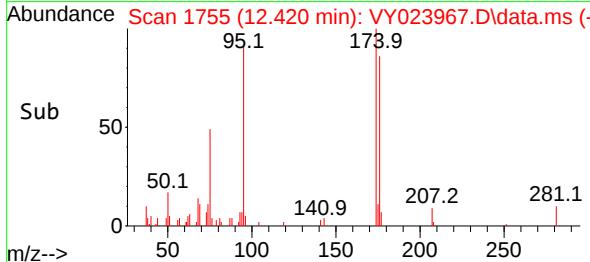
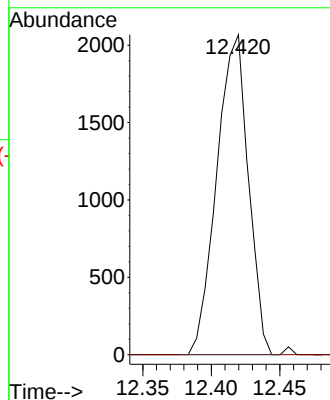
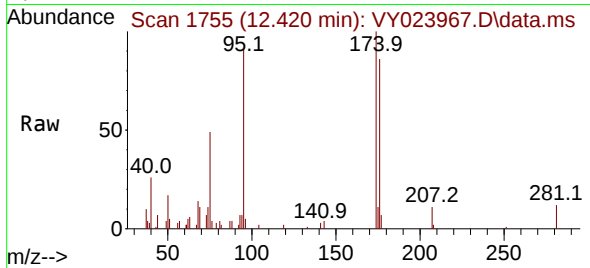




#76  
1,2,3-Trichloropropane  
Concen: 75.001 ug/l  
RT: 12.420 min Scan# 1755  
Delta R.T. -0.140 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

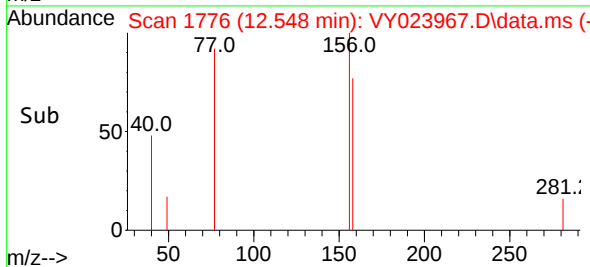
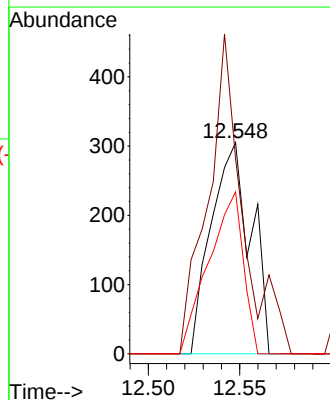
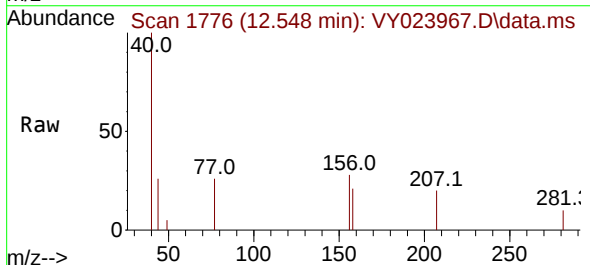
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-360

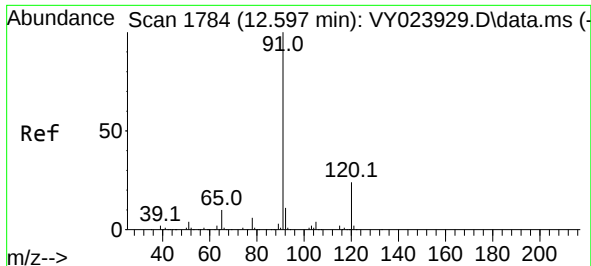
Tgt Ion: 75 Resp: 3313  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0



#77  
Bromobenzene  
Concen: 4.868 ug/l  
RT: 12.548 min Scan# 1776  
Delta R.T. 0.012 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

Tgt Ion:156 Resp: 461  
Ion Ratio Lower Upper  
156 100  
77 133.2 79.8 239.4  
158 66.8 48.0 144.2

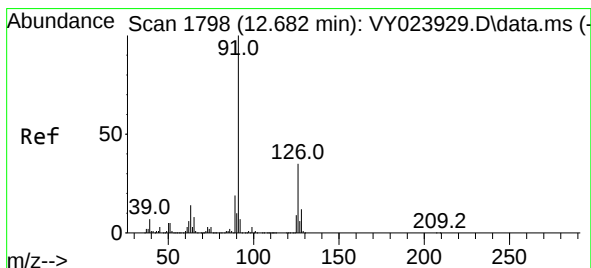
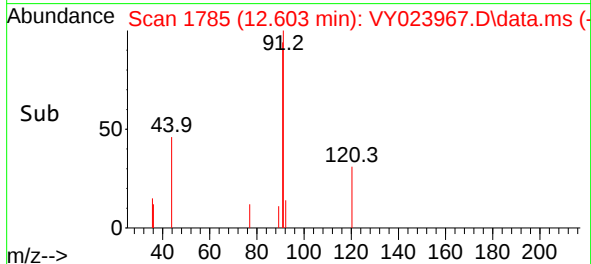
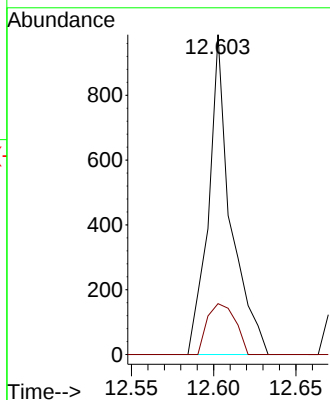
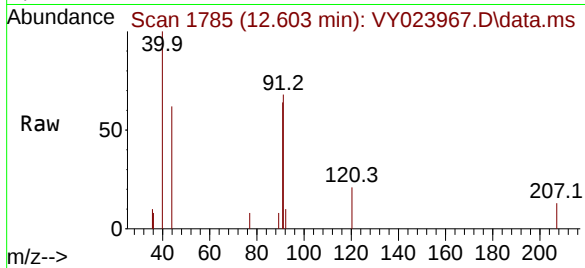




#78  
n-propylbenzene  
Concen: 2.083 ug/l  
RT: 12.603 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

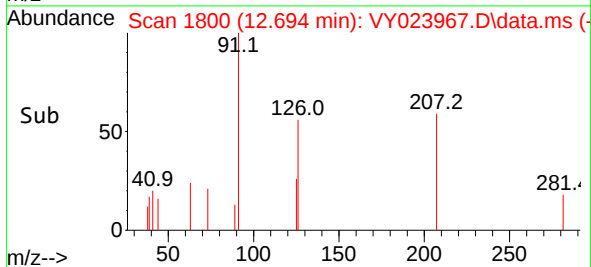
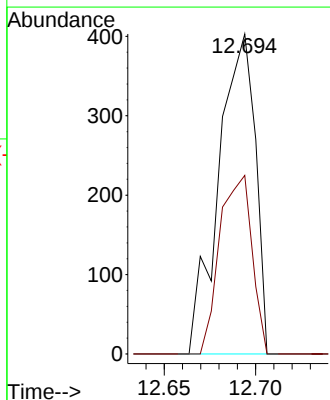
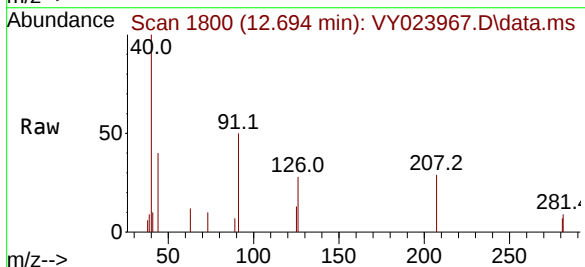
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MSVOA\_Y  
ClientSampleId :  
ETGI-360

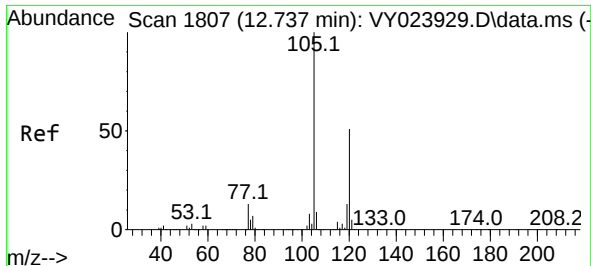
Tgt Ion: 91 Resp: 925  
Ion Ratio Lower Upper  
91 100  
120 20.2 12.0 36.0



#79  
2-Chlorotoluene  
Concen: 2.228 ug/l  
RT: 12.694 min Scan# 1800  
Delta R.T. 0.012 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

Tgt Ion: 91 Resp: 562  
Ion Ratio Lower Upper  
91 100  
126 49.1 17.9 53.7

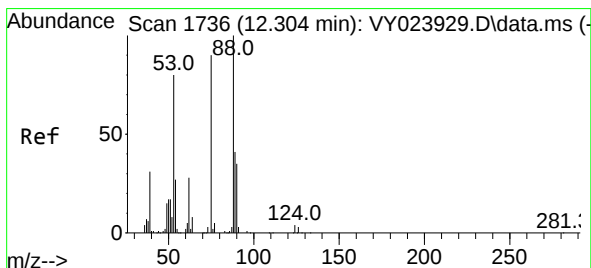
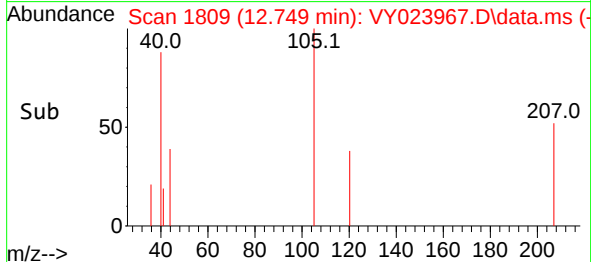
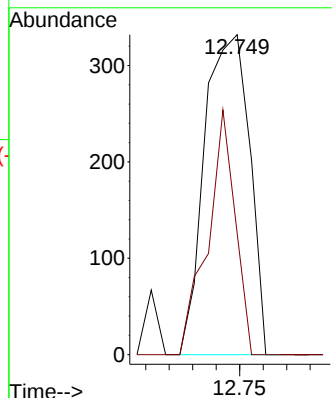
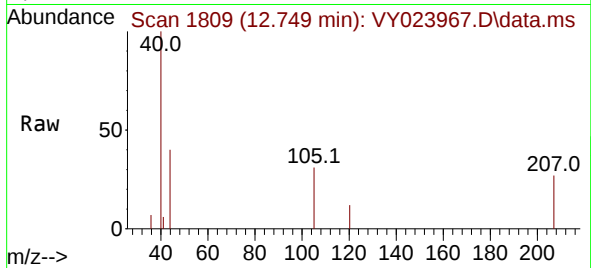




#80  
1,3,5-Trimethylbenzene  
Concen: 1.448 ug/l  
RT: 12.749 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

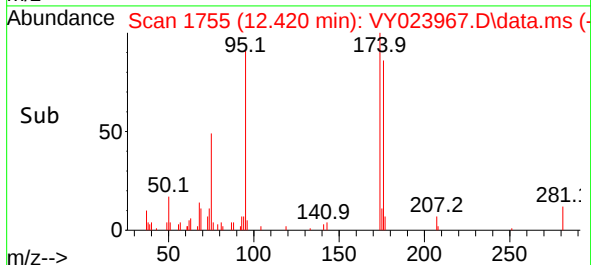
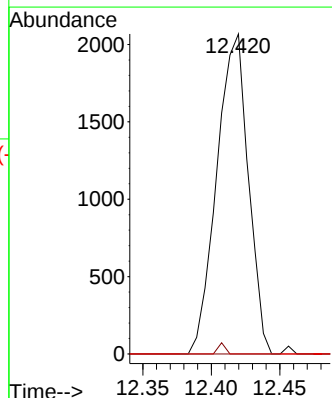
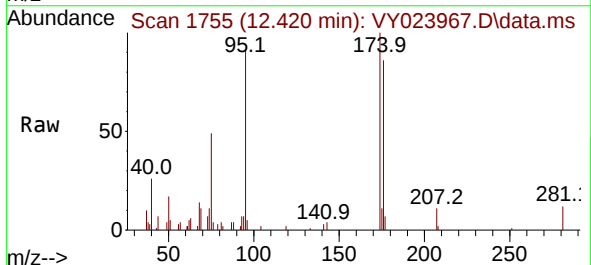
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-360

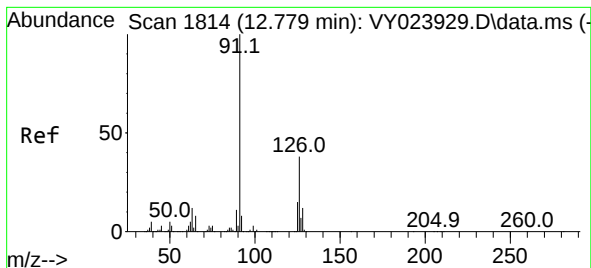
Tgt Ion:105 Resp: 441  
Ion Ratio Lower Upper  
105 100  
120 46.9 25.7 77.1



#81  
trans-1,4-Dichloro-2-butene  
Concen: 170.720 ug/l  
RT: 12.420 min Scan# 1755  
Delta R.T. 0.116 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

Tgt Ion: 75 Resp: 3313  
Ion Ratio Lower Upper  
75 100  
53 0.8 73.4 110.0#  
89 0.0 38.9 58.3#





#82

4-Chlorotoluene

Concen: 3.054 ug/l

RT: 12.786 min Scan# 1815

Delta R.T. 0.006 min

Lab File: VY023967.D

Acq: 15 Dec 2025 11:29

Instrument :

MSVOA\_Y

ClientSampleId :

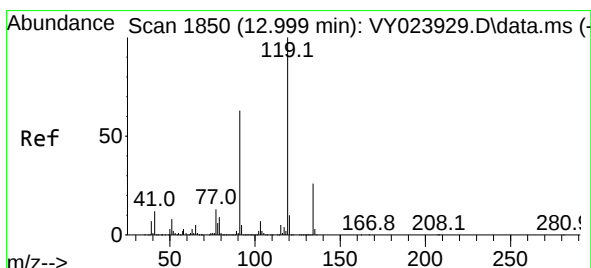
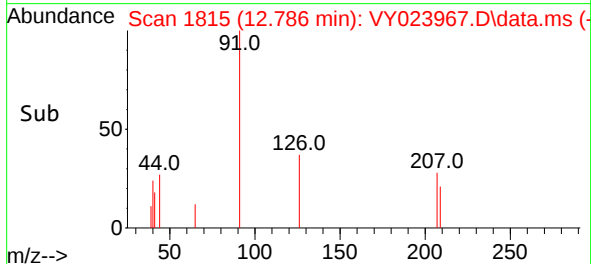
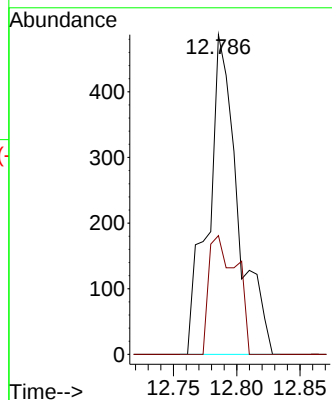
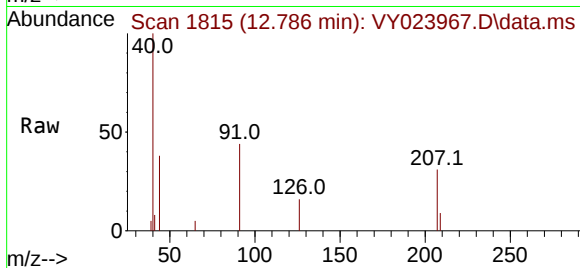
ETGI-360

Tgt Ion: 91 Resp: 793

Ion Ratio Lower Upper

91 100

126 34.8 18.1 54.1



#83

tert-Butylbenzene

Concen: 2.552 ug/l

RT: 13.011 min Scan# 1852

Delta R.T. 0.012 min

Lab File: VY023967.D

Acq: 15 Dec 2025 11:29

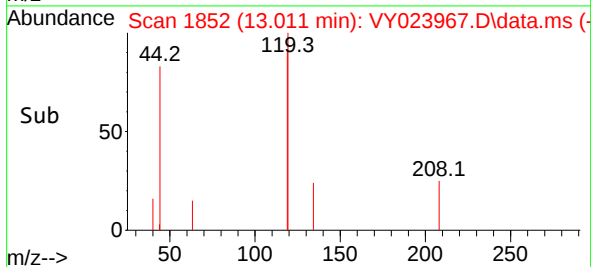
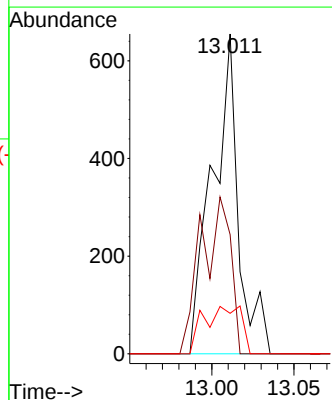
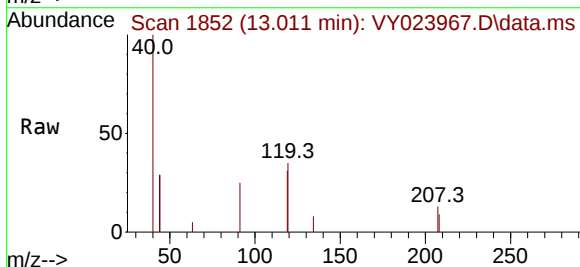
Tgt Ion: 119 Resp: 718

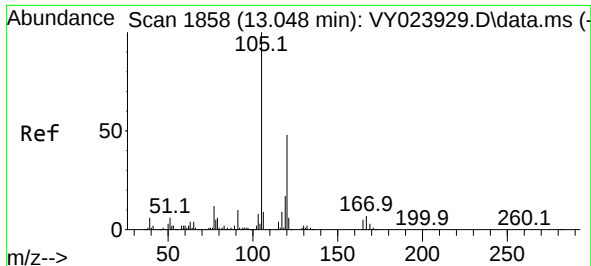
Ion Ratio Lower Upper

119 100

91 55.6 31.6 94.7

134 21.4 13.4 40.1





#84

1,2,4-Trimethylbenzene

Concen: 1.260 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY023967.D

Acq: 15 Dec 2025 11:29

Instrument :

MSVOA\_Y

ClientSampleId :

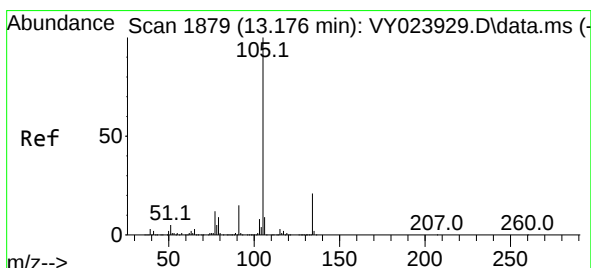
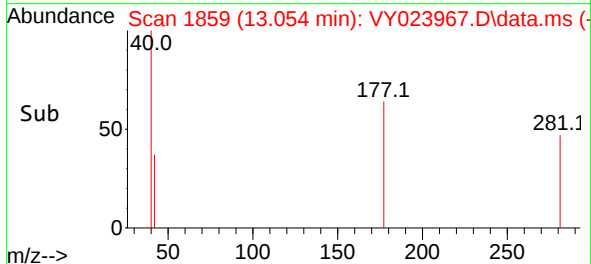
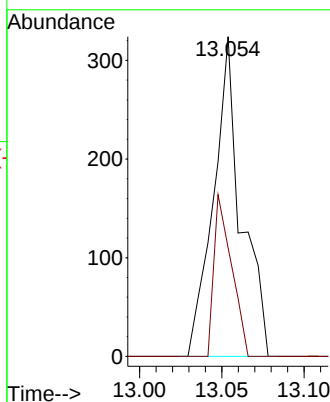
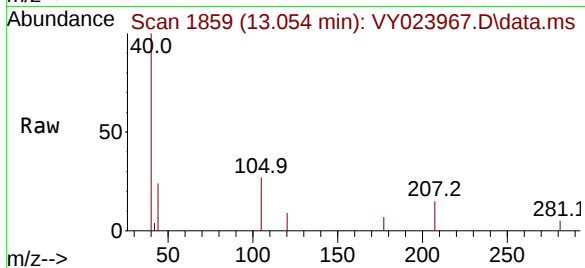
ETGI-360

Tgt Ion:105 Resp: 380

Ion Ratio Lower Upper

105 100

120 32.1 23.4 70.3



#85

sec-Butylbenzene

Concen: 1.679 ug/l

RT: 13.188 min Scan# 1881

Delta R.T. 0.012 min

Lab File: VY023967.D

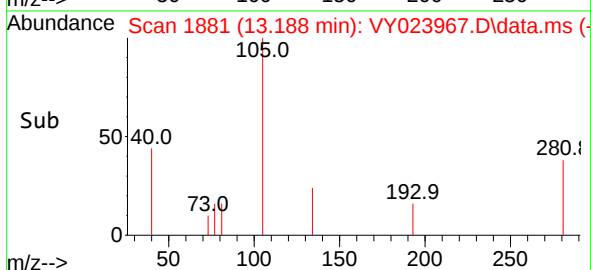
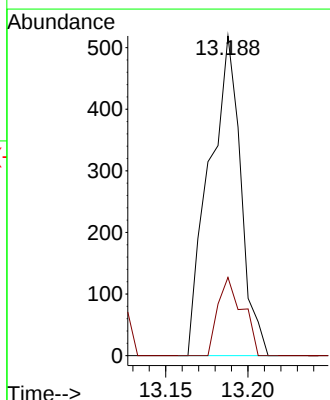
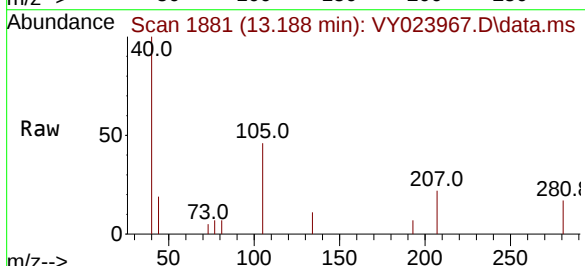
Acq: 15 Dec 2025 11:29

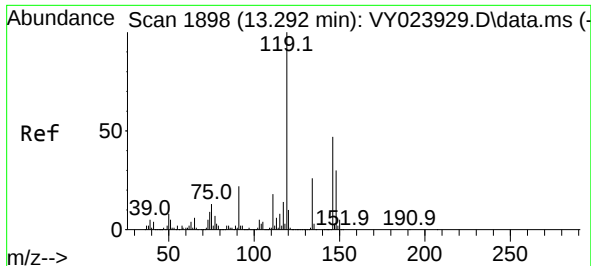
Tgt Ion:105 Resp: 689

Ion Ratio Lower Upper

105 100

134 19.2 10.6 31.8

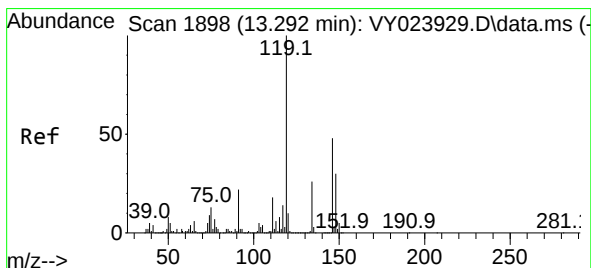
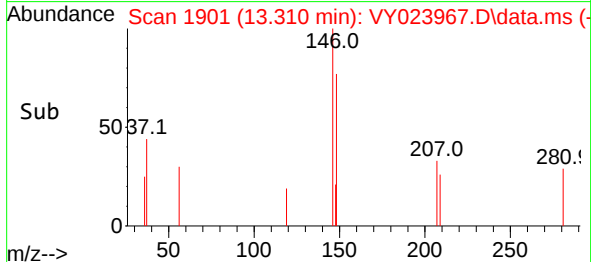
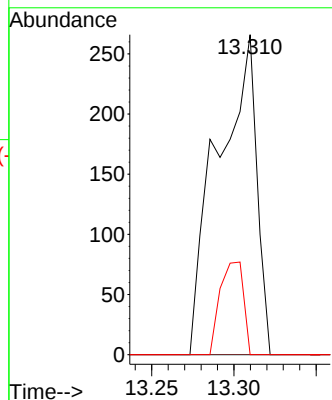
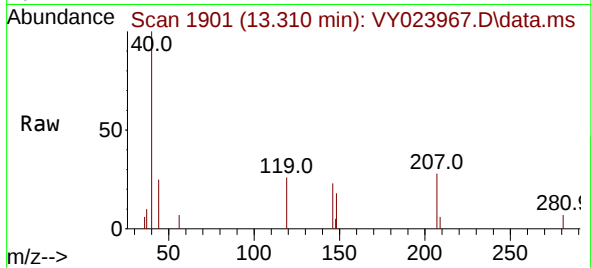




#86  
 p-Isopropyltoluene  
 Concen: 1.252 ug/l  
 RT: 13.310 min Scan# 1901  
 Delta R.T. 0.018 min  
 Lab File: VY023967.D  
 Acq: 15 Dec 2025 11:29

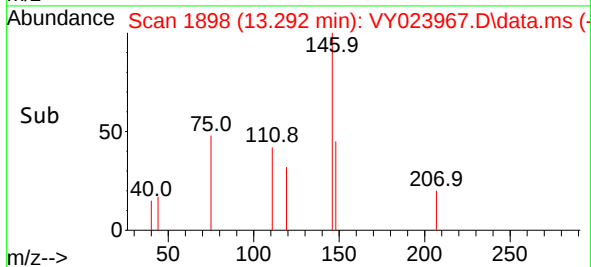
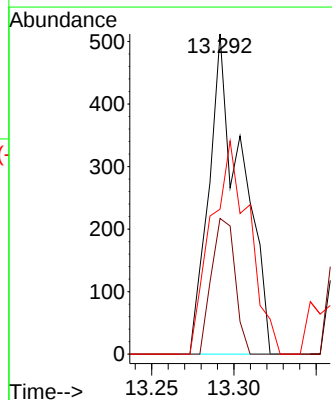
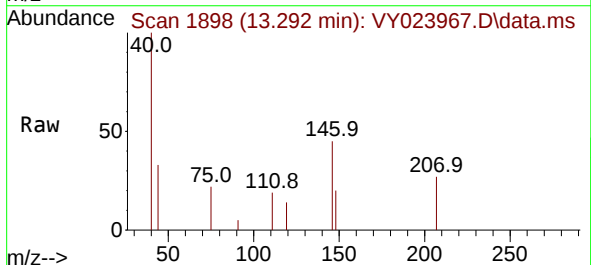
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ETGI-360

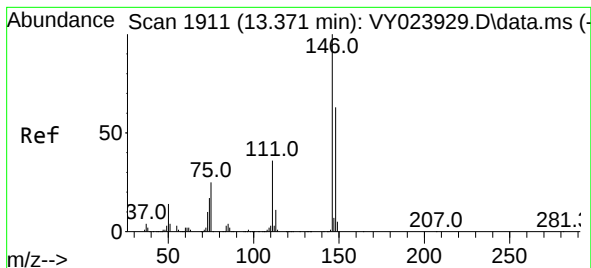
Tgt Ion:119 Resp: 435  
 Ion Ratio Lower Upper  
 119 100  
 134 0.0 13.6 40.7#  
 91 17.5 11.1 33.3



#87  
 1,3-Dichlorobenzene  
 Concen: 3.894 ug/l  
 RT: 13.292 min Scan# 1898  
 Delta R.T. -0.000 min  
 Lab File: VY023967.D  
 Acq: 15 Dec 2025 11:29

Tgt Ion:146 Resp: 716  
 Ion Ratio Lower Upper  
 146 100  
 111 30.0 18.9 56.9  
 148 76.4 32.0 96.0





#88

1,4-Dichlorobenzene

Concen: 4.722 ug/l

RT: 13.377 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY023967.D

Acq: 15 Dec 2025 11:29

Instrument :

MSVOA\_Y

ClientSampleId :

ETGI-360

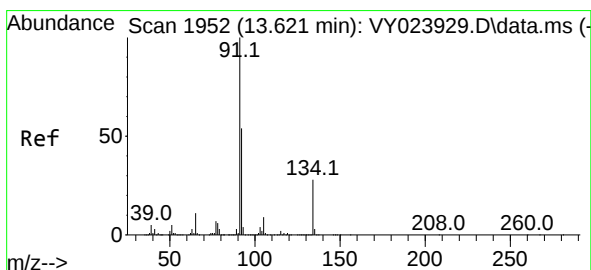
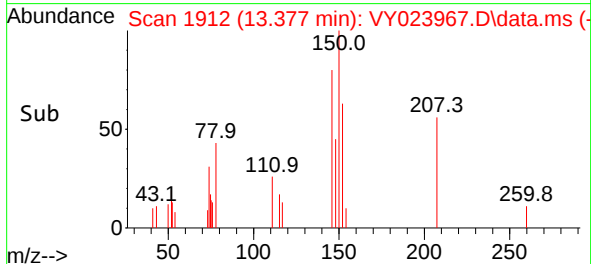
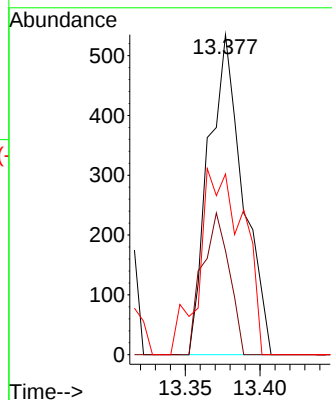
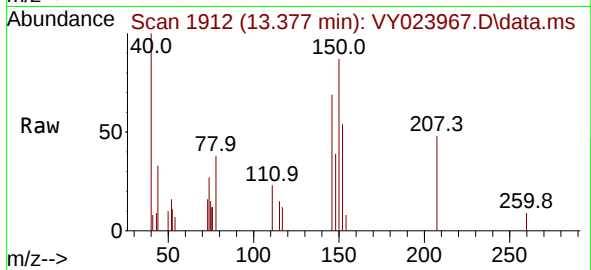
Tgt Ion:146 Resp: 856

Ion Ratio Lower Upper

146 100

111 34.6 18.4 55.0

148 74.1 31.9 95.9



#89

n-Butylbenzene

Concen: 1.622 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VY023967.D

Acq: 15 Dec 2025 11:29

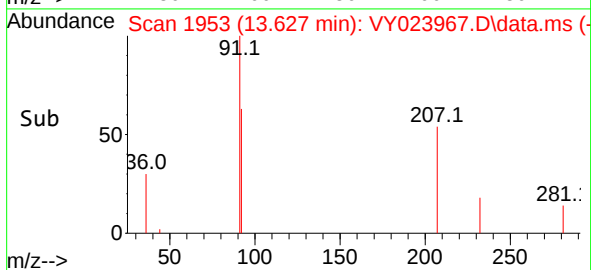
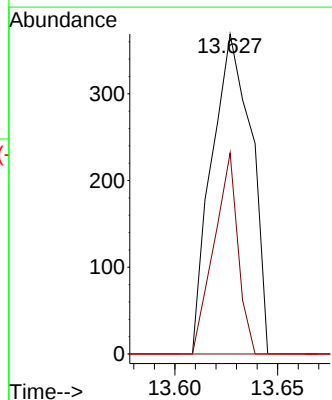
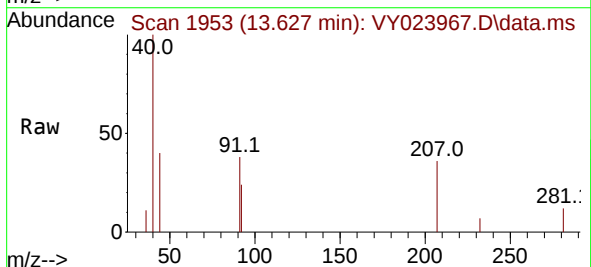
Tgt Ion: 91 Resp: 493

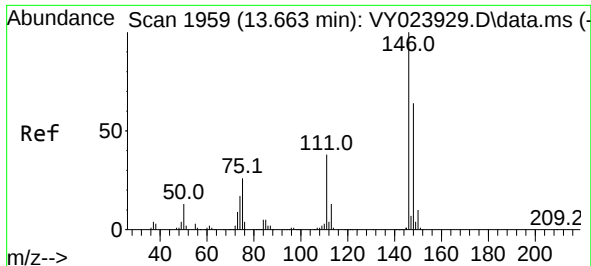
Ion Ratio Lower Upper

91 100

92 38.1 26.9 80.6

134 0.0 13.9 41.6#

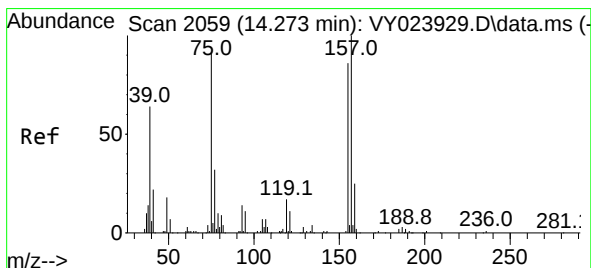
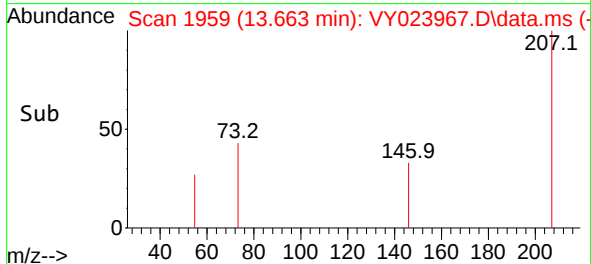
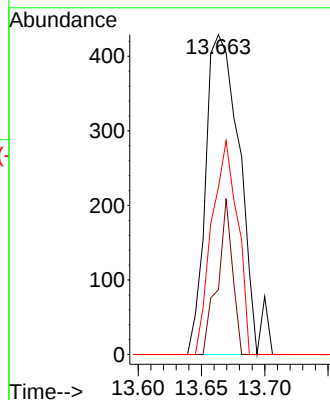
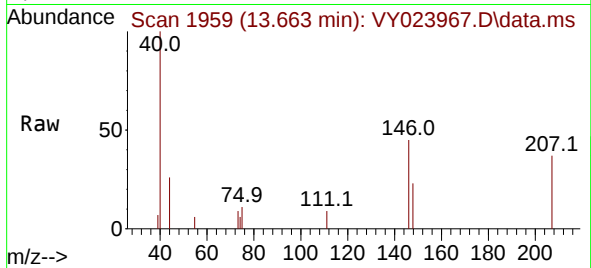




#91  
1,2-Dichlorobenzene  
Concen: 5.096 ug/l  
RT: 13.663 min Scan# 1959  
Delta R.T. -0.000 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

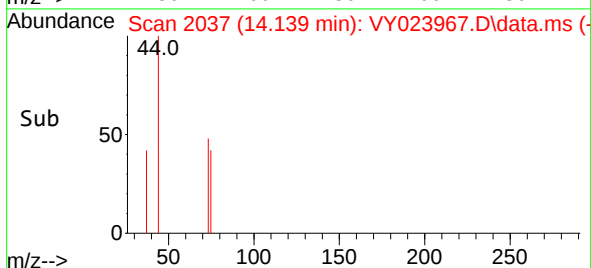
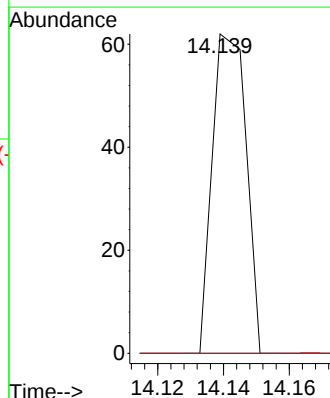
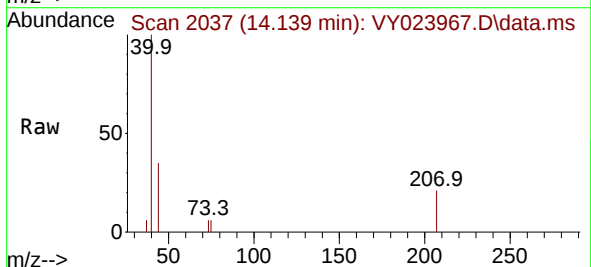
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-360

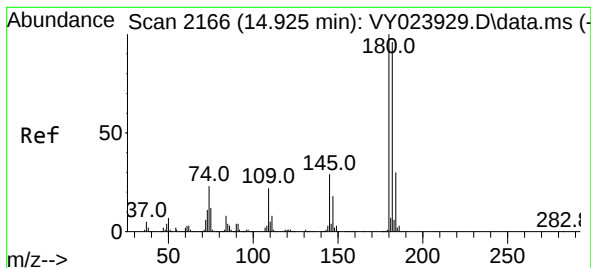
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 812   |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 20.9  | 19.6  | 58.7  |
| 148      | 50.0  | 31.6  | 95.0  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 4.890 ug/l  
RT: 14.139 min Scan# 2037  
Delta R.T. -0.134 min  
Lab File: VY023967.D  
Acq: 15 Dec 2025 11:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 44     |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 155      | 0.0   | 50.2  | 150.7# |
| 157      | 0.0   | 62.8  | 188.5# |





#93

1,2,4-Trichlorobenzene

Concen: 7.742 ug/l

RT: 14.931 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY023967.D

Acq: 15 Dec 2025 11:29

Instrument :

MSVOA\_Y

ClientSampleId :

ETGI-360

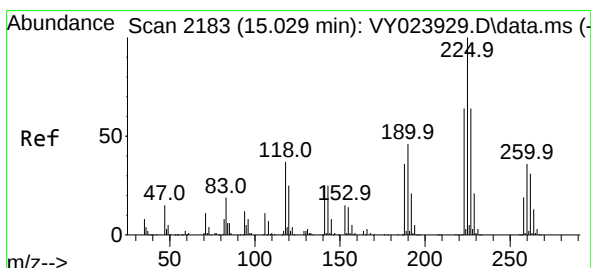
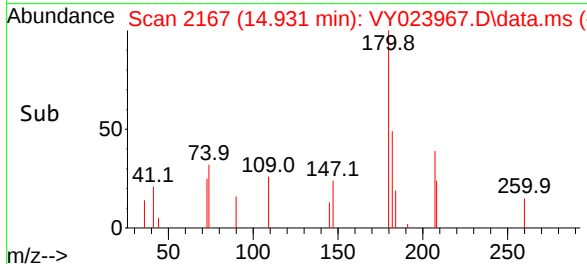
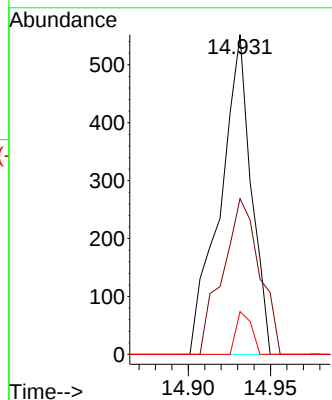
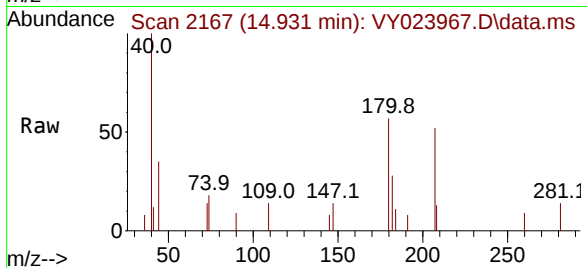
Tgt Ion:180 Resp: 725

Ion Ratio Lower Upper

180 100

182 57.9 47.6 142.9

145 6.6 14.8 44.4#



#94

Hexachlorobutadiene

Concen: 2.069 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY023967.D

Acq: 15 Dec 2025 11:29

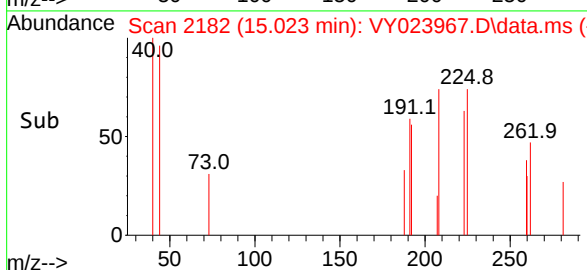
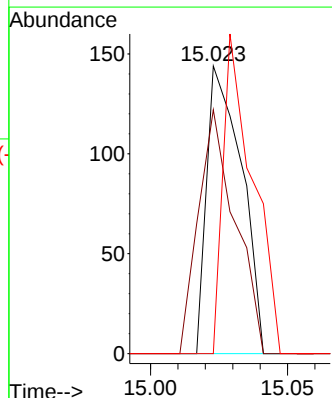
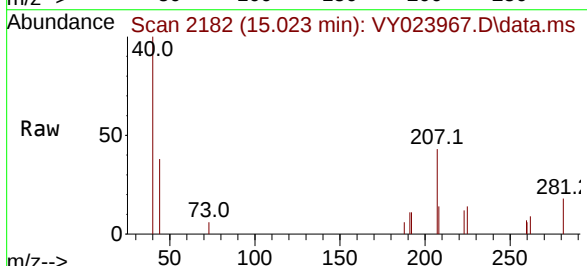
Tgt Ion:225 Resp: 127

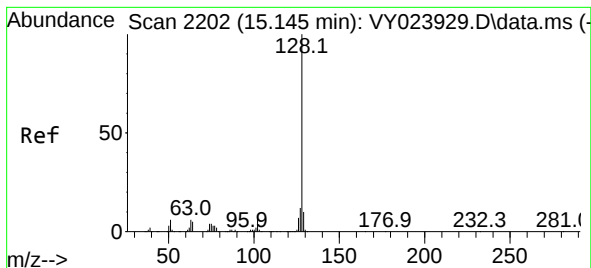
Ion Ratio Lower Upper

225 100

223 89.8 31.6 95.0

227 94.5 31.7 95.1





#95

Naphthalene

Concen: 7.473 ug/l

RT: 15.151 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023967.D

Acq: 15 Dec 2025 11:29

Instrument :

MSVOA\_Y

ClientSampleId :

ETGI-360

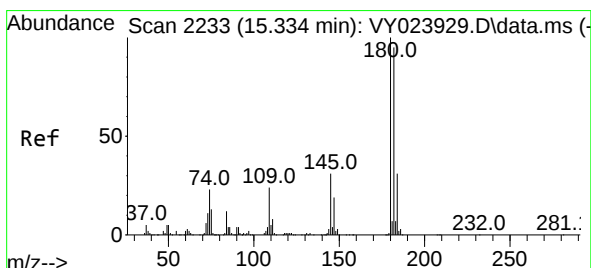
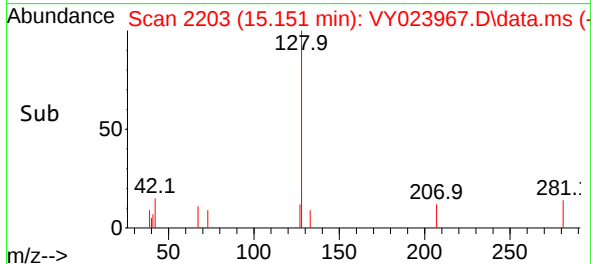
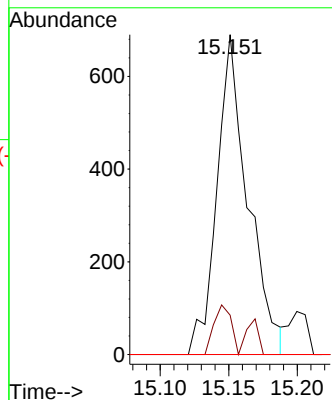
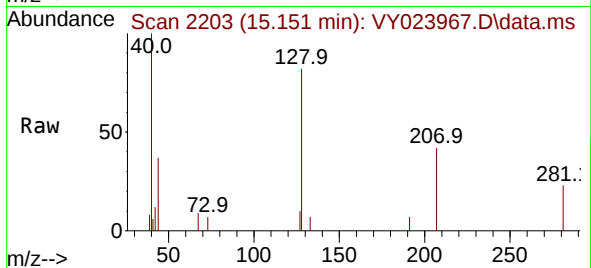
Tgt Ion:128 Resp: 1082

Ion Ratio Lower Upper

128 100

127 8.7 10.2 15.2#

129 0.0 8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 7.404 ug/l

RT: 15.346 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY023967.D

Acq: 15 Dec 2025 11:29

Tgt Ion:180 Resp: 590

Ion Ratio Lower Upper

180 100

182 82.5 47.8 143.4

145 28.3 15.6 46.8

