

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY121125\  
 Data File : VY023955.D  
 Acq On : 11 Dec 2025 15:18  
 Operator : SY/MD  
 Sample : Q3809-11RE  
 Misc : 3.52g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SW-8

Quant Time: Dec 12 03:24:37 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      | 7.713  | 168  | 749775   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 1253186  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.420 | 117  | 1109443  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152  | 493913   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 362314   | 54.655   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 109.320% |      |
| 35) Dibromofluoromethane    | 7.640  | 113   | 391199   | 47.754   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 95.500%  |      |
| 50) Toluene-d8              | 10.109 | 98    | 1470410  | 48.211   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 96.420%  |      |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 471808   | 46.322   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 92.640%  |      |

|                               |        |     |         |           |        |     |
|-------------------------------|--------|-----|---------|-----------|--------|-----|
| Target Compounds              |        |     |         | Qvalue    |        |     |
| 10) Methyl Iodide             | 4.025  | 142 | 202     | Below Cal | #      | 41  |
| 11) Tert butyl alcohol        | 4.872  | 59  | 3360    | 8.753     | ug/l # | 71  |
| 13) Acrolein                  | 3.860  | 56  | 5835    | 9.504     | ug/l # | 83  |
| 15) Acrylonitrile             | 5.141  | 53  | 5555    | 4.084     | ug/l # | 38  |
| 16) Acetone                   | 3.873  | 43  | 35992   | Below Cal | #      | 85  |
| 17) Carbon Disulfide          | 4.110  | 76  | 56868   | 3.147     | ug/l   | 95  |
| 20) Methylene Chloride        | 4.628  | 84  | 31569   | 4.048     | ug/l   | 97  |
| 25) 2-Butanone                | 6.909  | 43  | 4145    | 2.023     | ug/l # | 86  |
| 31) Cyclohexane               | 7.689  | 56  | 80359   | 7.069     | ug/l # | 56  |
| 36) 1,1-Dichloropropene       | 7.707  | 75  | 50578   | 4.535     | ug/l # | 51  |
| 38) Carbon Tetrachloride      | 7.713  | 117 | 69838   | 5.166     | ug/l # | 15  |
| 39) Methylcyclohexane         | 9.109  | 83  | 83449   | 5.601     | ug/l # | 88  |
| 43) Isopropyl Acetate         | 8.195  | 43  | 17786   | 2.079     | ug/l # | 58  |
| 49) 1,4-Dioxane               | 8.975  | 88  | 60      | 1.192     | ug/l # | 26  |
| 51) 4-Methyl-2-Pentanone      | 10.042 | 43  | 9289    | 2.050     | ug/l # | 65  |
| 52) Toluene                   | 10.176 | 92  | 37559   | 1.671     | ug/l   | 96  |
| 55) 1,1,2-Trichloroethane     | 10.548 | 97  | 29421   | 4.736     | ug/l # | 23  |
| 59) 2-Hexanone                | 10.731 | 43  | 36041   | 10.479    | ug/l # | 28  |
| 67) Ethyl Benzene             | 11.517 | 91  | 299086  | 6.944     | ug/l   | 100 |
| 68) m/p-Xylenes               | 11.627 | 106 | 619146  | 36.210    | ug/l   | 100 |
| 69) o-Xylene                  | 11.956 | 106 | 289199  | 18.080    | ug/l   | 100 |
| 73) Isopropylbenzene          | 12.255 | 105 | 87571   | 2.426     | ug/l   | 99  |
| 74) N-amyl acetate            | 12.048 | 43  | 28165   | 4.399     | ug/l # | 55  |
| 76) 1,2,3-Trichloropropane    | 12.658 | 75  | 15020   | 3.595     | ug/l # | 100 |
| 78) n-propylbenzene           | 12.597 | 91  | 540785  | 12.877    | ug/l   | 100 |
| 79) 2-Chlorotoluene           | 12.658 | 91  | 225155  | 9.438     | ug/l # | 40  |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105 | 835960  | 29.030    | ug/l   | 98  |
| 81) trans-1,4-Dichloro-2-b... | 12.408 | 75  | 240331  | 130.936   | ug/l # | 12  |
| 82) 4-Chlorotoluene           | 12.737 | 91  | 86850   | 3.536     | ug/l # | 40  |
| 83) tert-Butylbenzene         | 13.042 | 119 | 358349  | 13.468    | ug/l # | 67  |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105 | 2864827 | 100.425   | ug/l   | 100 |
| 85) sec-Butylbenzene          | 13.042 | 105 | 2864827 | 73.812    | ug/l # | 55  |
| 86) p-Isopropyltoluene        | 13.237 | 119 | 93618   | 2.850     | ug/l   | 97  |
| 89) n-Butylbenzene            | 13.615 | 91  | 136097  | 4.735     | ug/l # | 68  |
| 90) Hexachloroethane          | 13.889 | 117 | 64059   | 9.555     | ug/l # | 7   |
| 92) 1,2-Dibromo-3-Chloropr... | 14.249 | 75  | 2990    | 3.514     | ug/l # | 1   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY121125\  
Data File : VY023955.D  
Acq On : 11 Dec 2025 15:18  
Operator : SY/MD  
Sample : Q3809-11RE  
Misc : 3.52g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SW-8

Quant Time: Dec 12 03:24:37 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

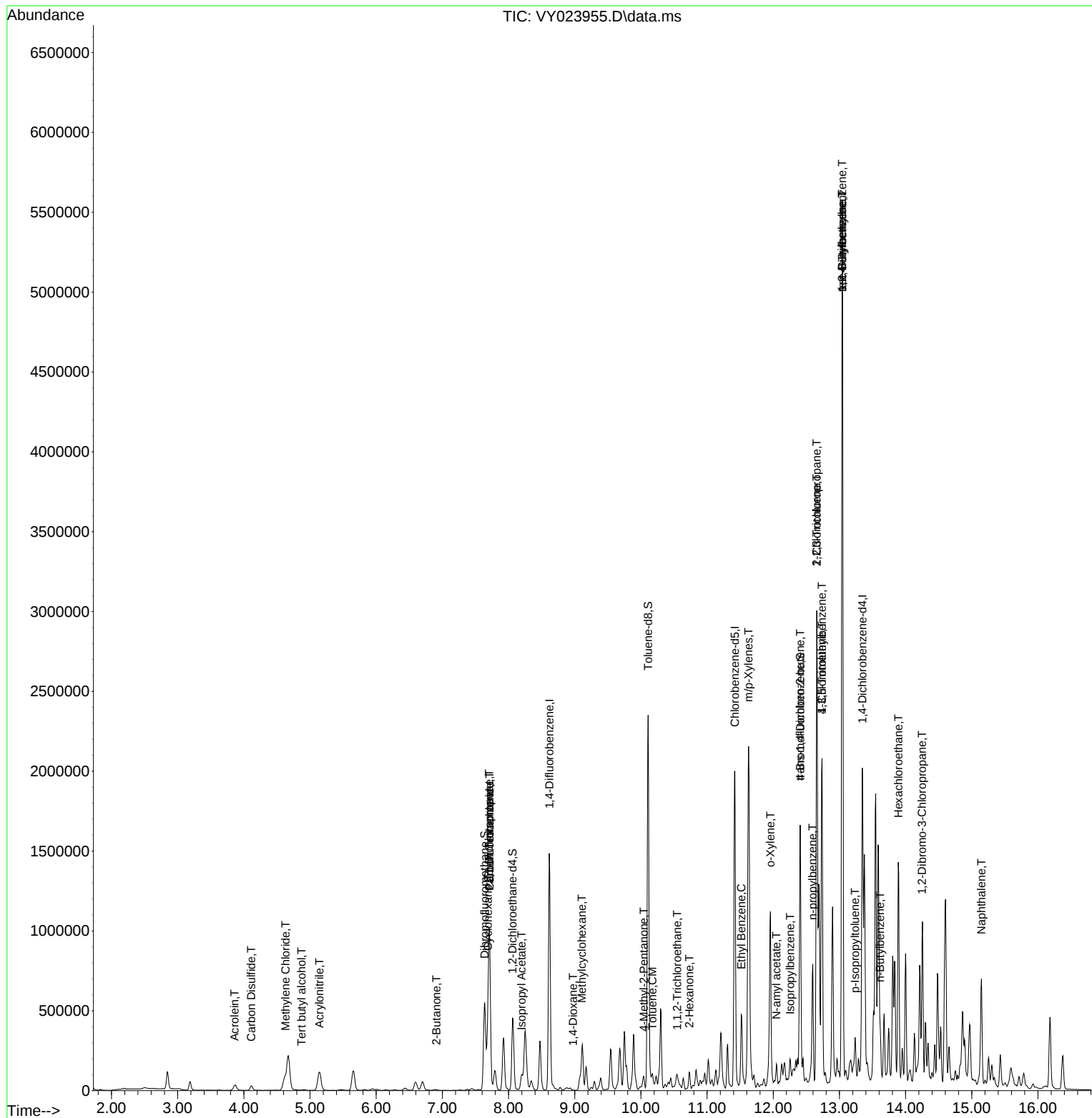
| Compound        | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------|--------|------|----------|--------|-------|----------|
| 95) Naphthalene | 15.145 | 128  | 506837   | 37.009 | ug/l  | 99       |

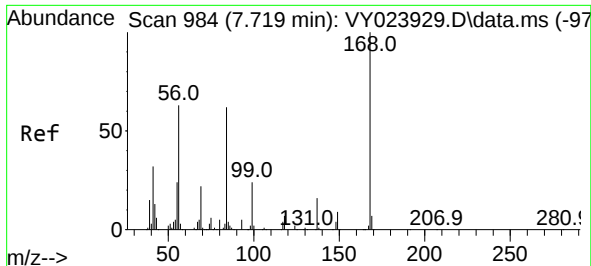
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY121125\  
Data File : VY023955.D  
Acq On : 11 Dec 2025 15:18  
Operator : SY/MD  
Sample : Q3809-11RE  
Misc : 3.52g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SW-8

Quant Time: Dec 12 03:24:37 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

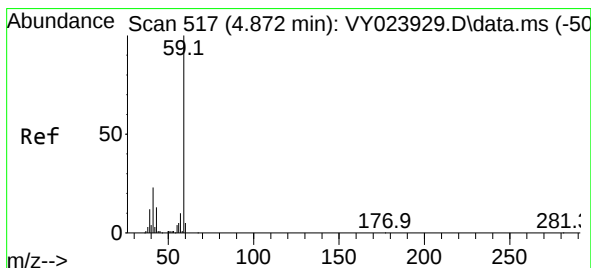
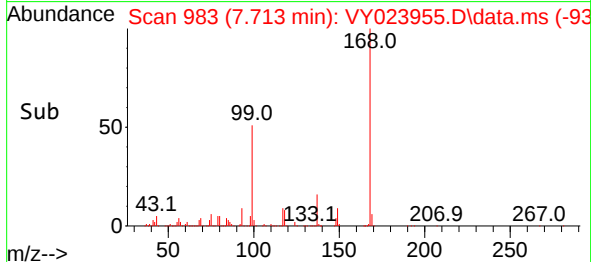
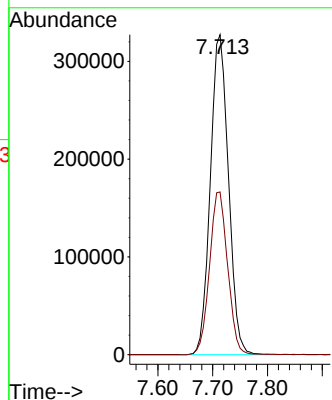
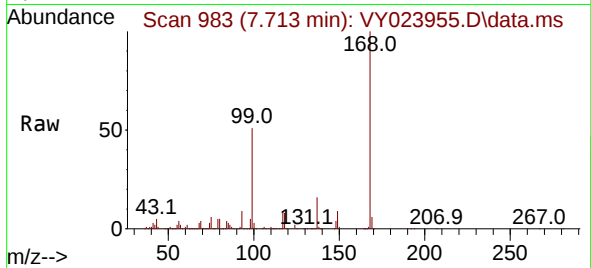




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

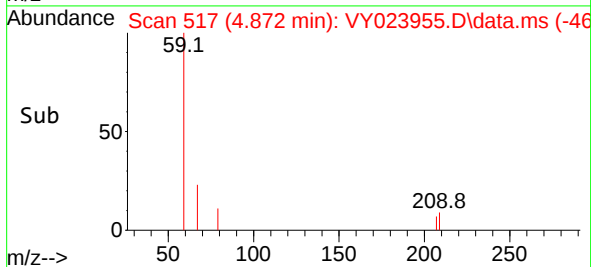
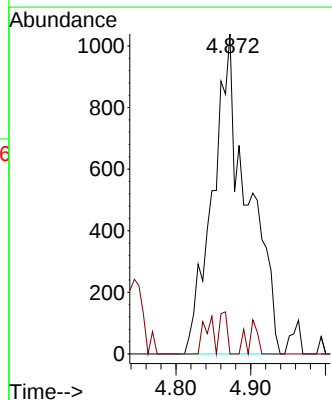
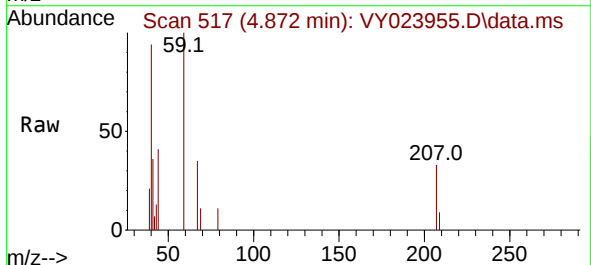
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SW-8

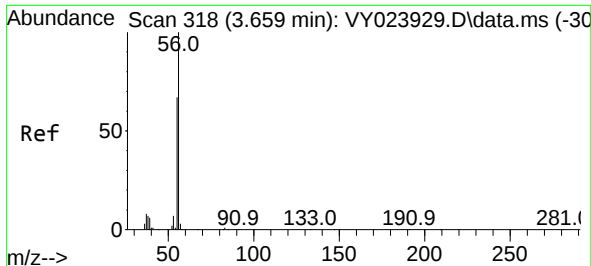
Tgt Ion:168 Resp: 749775  
Ion Ratio Lower Upper  
168 100  
99 50.9 38.9 58.3



#11  
Tert butyl alcohol  
Concen: 8.753 ug/l  
RT: 4.872 min Scan# 517  
Delta R.T. -0.000 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

Tgt Ion: 59 Resp: 3360  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.7 13.1#

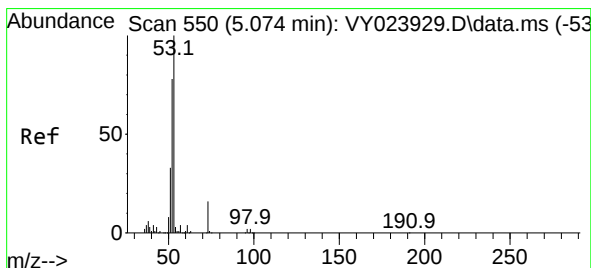
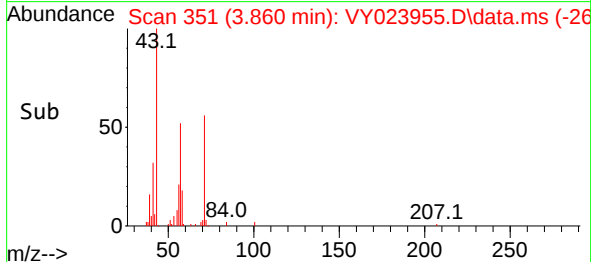
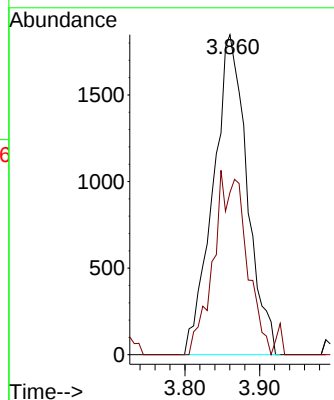
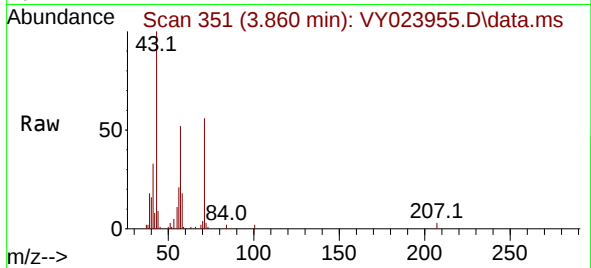




#13  
Acrolein  
Concen: 9.504 ug/l  
RT: 3.860 min Scan# 318  
Delta R.T. 0.201 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

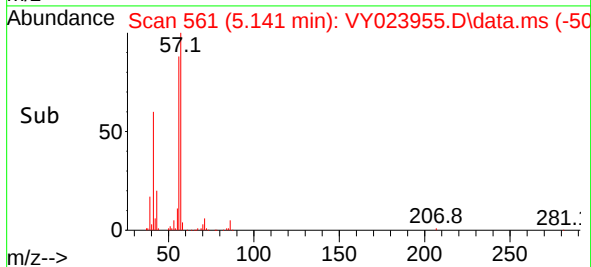
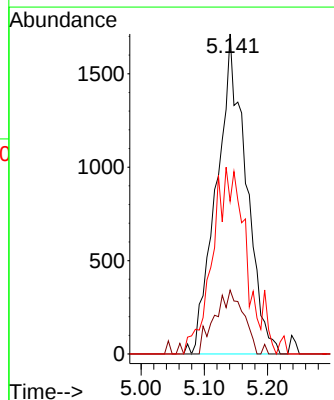
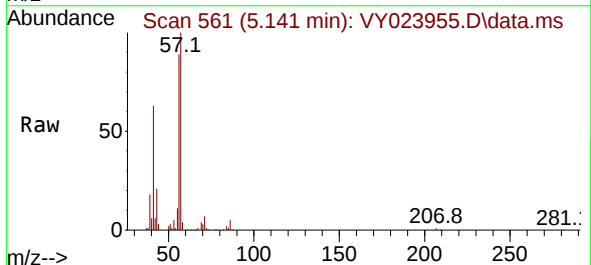
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SW-8

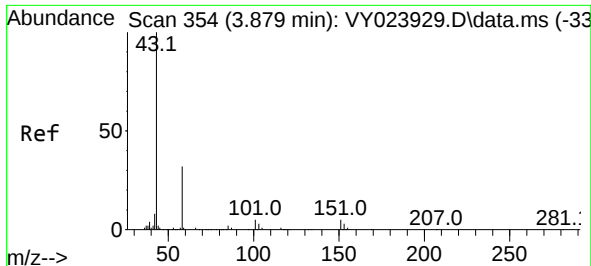
Tgt Ion: 56 Resp: 5835  
Ion Ratio Lower Upper  
56 100  
55 55.5 55.7 83.5#



#15  
Acrylonitrile  
Concen: 4.084 ug/l  
RT: 5.141 min Scan# 561  
Delta R.T. 0.067 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

Tgt Ion: 53 Resp: 5555  
Ion Ratio Lower Upper  
53 100  
52 19.3 64.2 96.2#  
51 63.8 29.3 43.9#

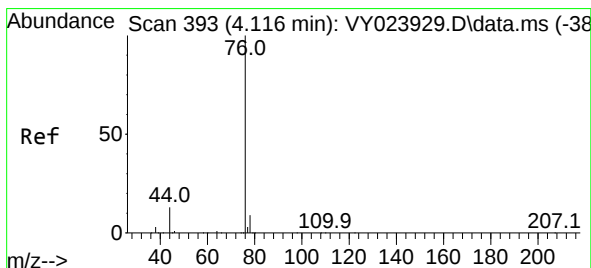
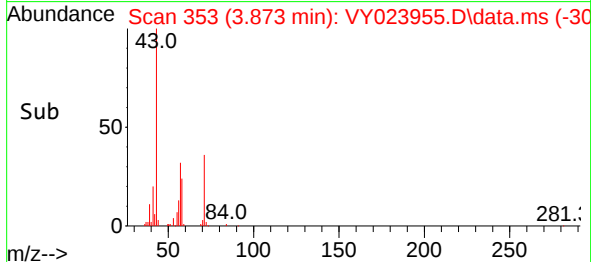
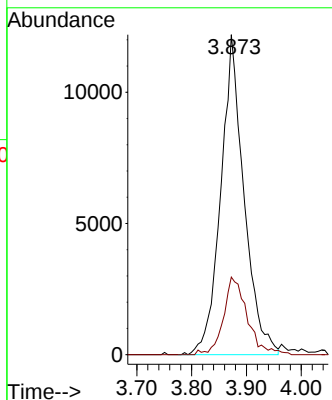
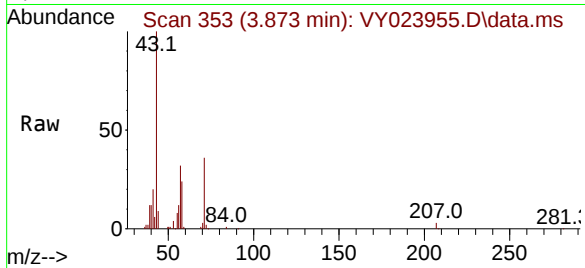




#16  
Acetone  
Concen: Below Cal  
RT: 3.873 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

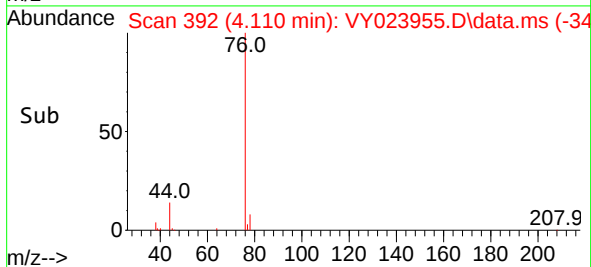
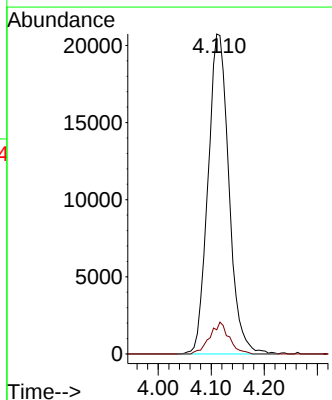
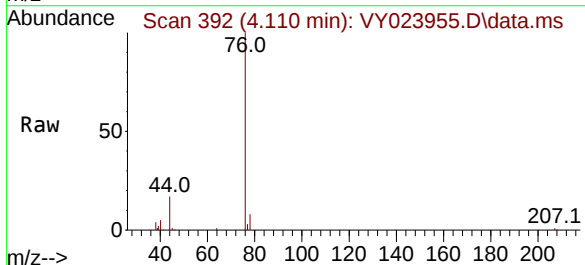
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SW-8

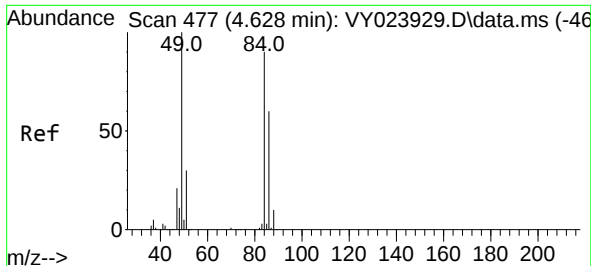
Tgt Ion: 43 Resp: 35992  
Ion Ratio Lower Upper  
43 100  
58 24.3 26.4 39.6#



#17  
Carbon Disulfide  
Concen: 3.147 ug/l  
RT: 4.110 min Scan# 392  
Delta R.T. -0.006 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

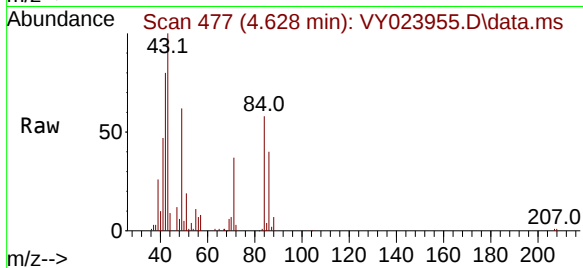
Tgt Ion: 76 Resp: 56868  
Ion Ratio Lower Upper  
76 100  
78 7.6 7.4 11.2



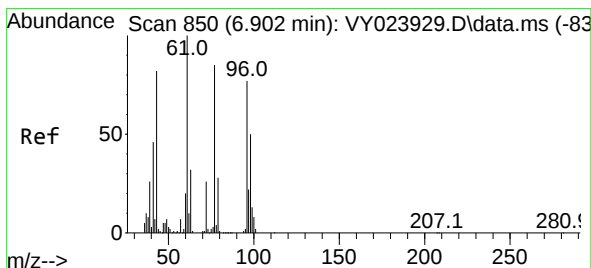
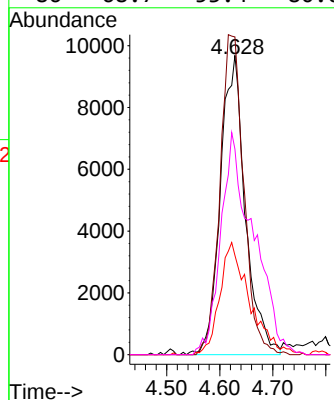
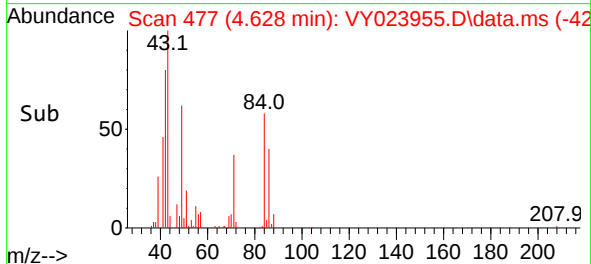


#20  
Methylene Chloride  
Concen: 4.048 ug/l  
RT: 4.628 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

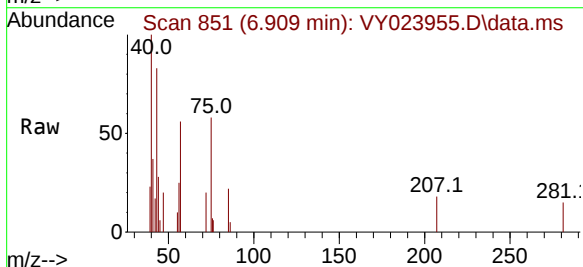
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SW-8



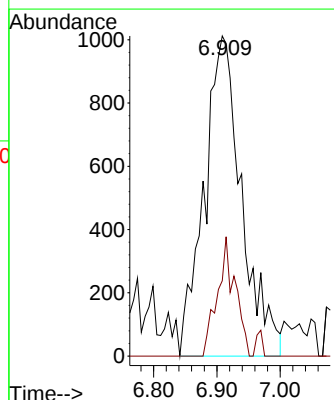
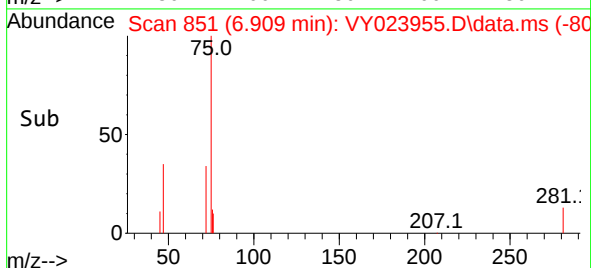
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 31569 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 106.1 | 89.1  | 133.7 |
| 51       | 33.2  | 26.6  | 39.8  |
| 86       | 68.7  | 53.4  | 80.0  |

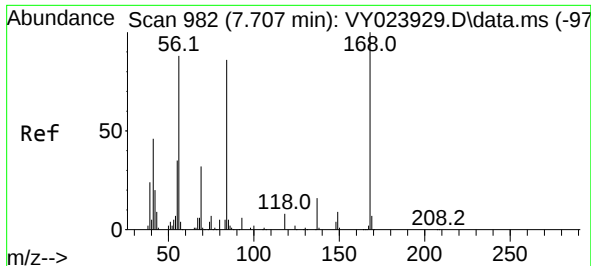


#25  
2-Butanone  
Concen: 2.023 ug/l  
RT: 6.909 min Scan# 851  
Delta R.T. 0.006 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 4145  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 23.5  | 25.0  | 37.6# |

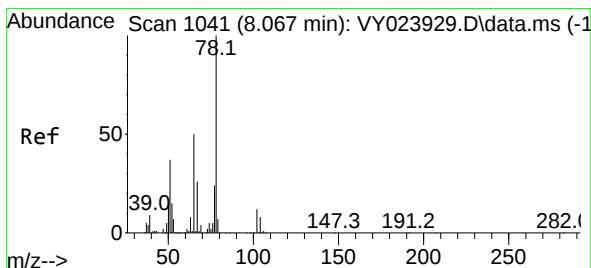
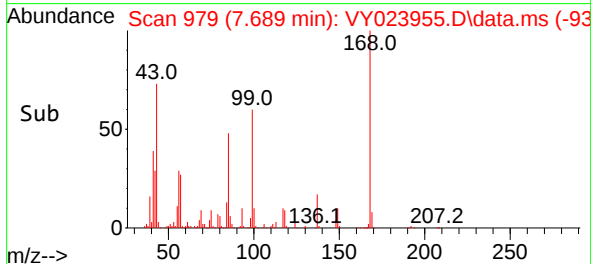
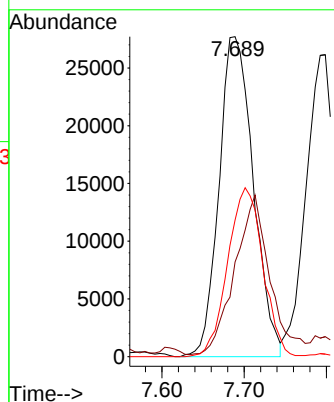
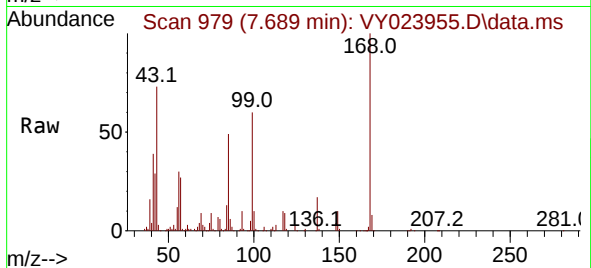




#31  
Cyclohexane  
Concen: 7.069 ug/l  
RT: 7.689 min Scan# 91  
Delta R.T. -0.018 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

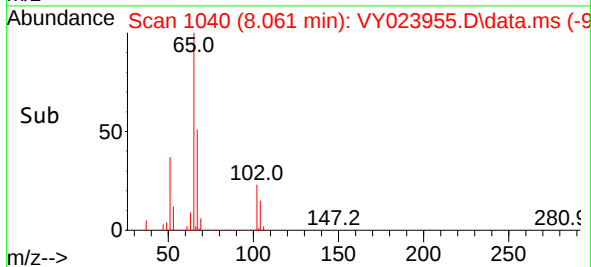
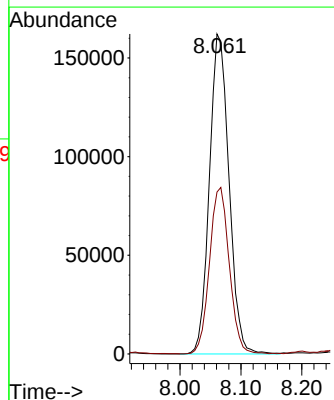
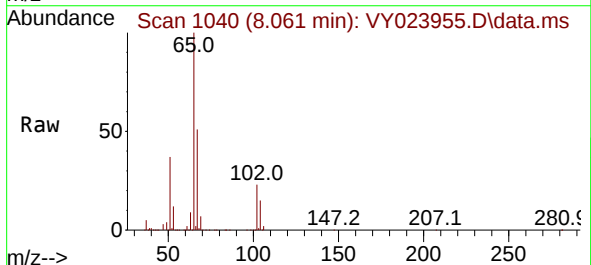
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SW-8

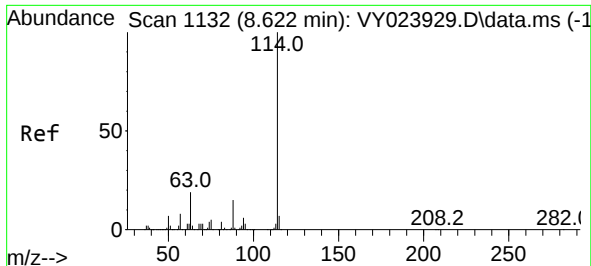
Tgt Ion: 56 Resp: 80359  
Ion Ratio Lower Upper  
56 100  
69 28.0 29.1 43.7#  
84 42.7 77.8 116.8#



#33  
1,2-Dichloroethane-d4  
Concen: 54.655 ug/l  
RT: 8.061 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

Tgt Ion: 65 Resp: 362314  
Ion Ratio Lower Upper  
65 100  
67 52.4 0.0 106.2

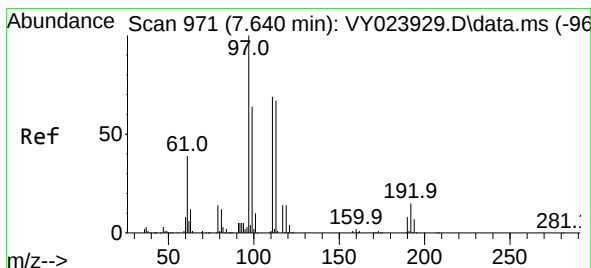
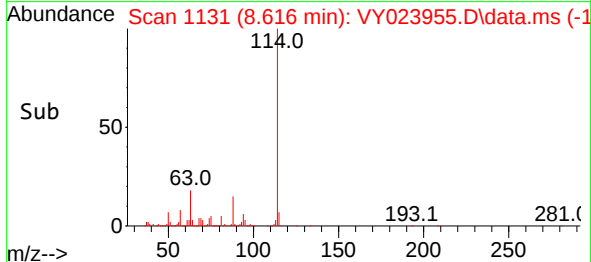
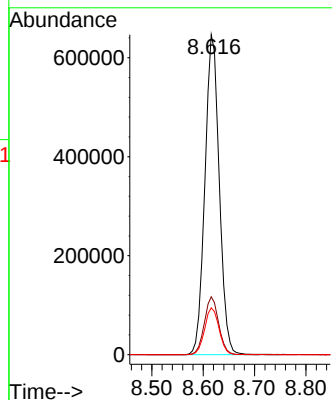
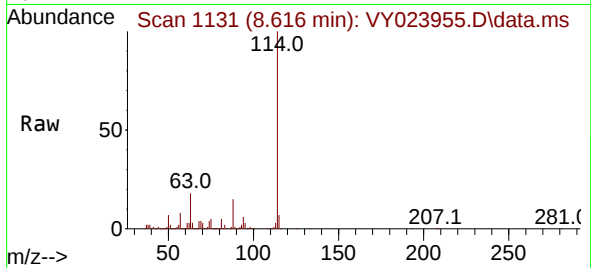




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.616 min Scan# 1132  
Delta R.T. -0.006 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

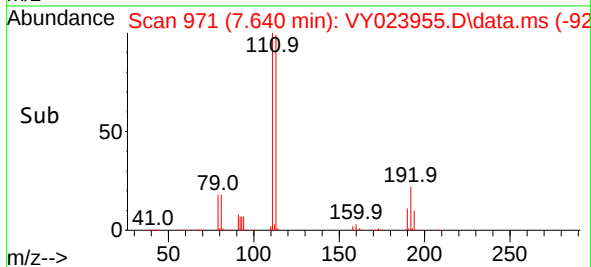
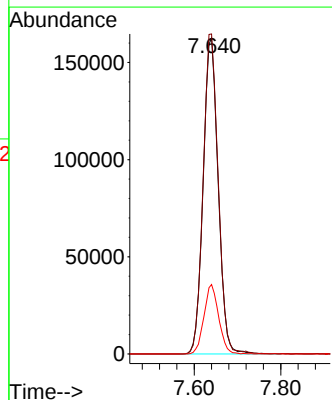
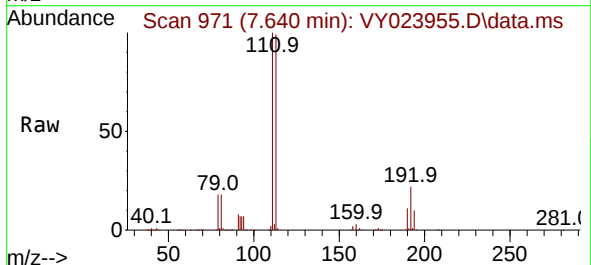
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SW-8

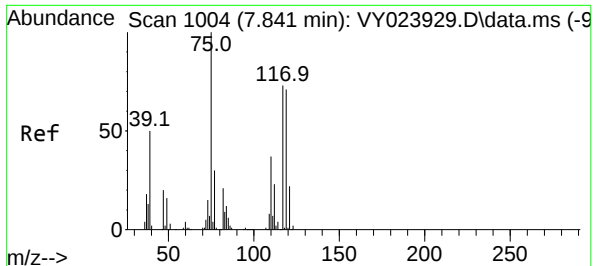
Tgt Ion:114 Resp: 1253186  
Ion Ratio Lower Upper  
114 100  
63 18.1 0.0 37.2  
88 14.7 0.0 29.4



#35  
Dibromofluoromethane  
Concen: 47.754 ug/l  
RT: 7.640 min Scan# 971  
Delta R.T. -0.000 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

Tgt Ion:113 Resp: 391199  
Ion Ratio Lower Upper  
113 100  
111 101.6 82.4 123.6  
192 21.5 17.9 26.9





#36

1,1-Dichloropropene

Concen: 4.535 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY023955.D

Acq: 11 Dec 2025 15:18

Instrument :

MSVOA\_Y

ClientSampleId :

SW-8

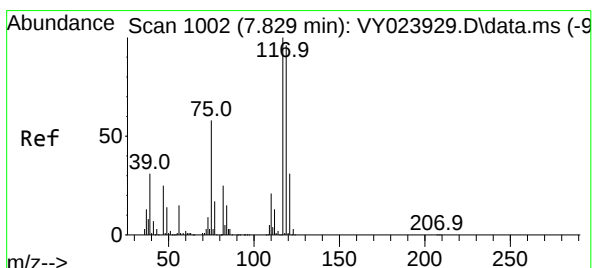
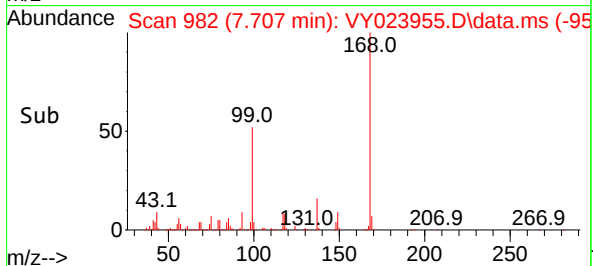
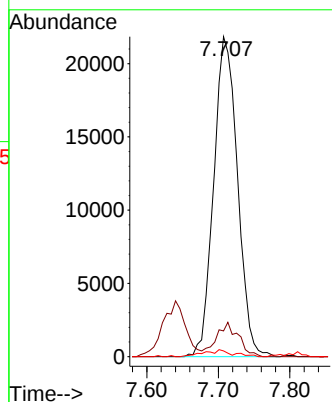
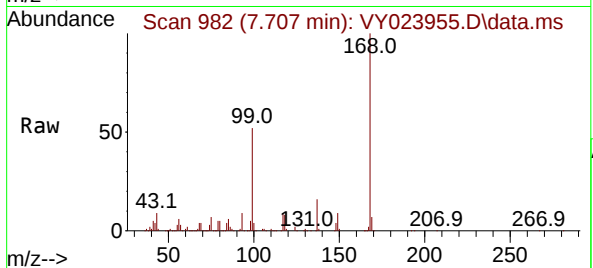
Tgt Ion: 75 Resp: 50578

Ion Ratio Lower Upper

75 100

110 10.0 19.2 57.6#

77 2.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.166 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.116 min

Lab File: VY023955.D

Acq: 11 Dec 2025 15:18

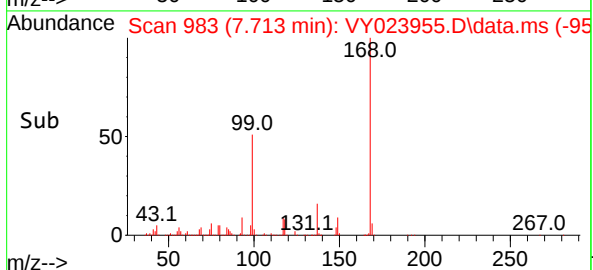
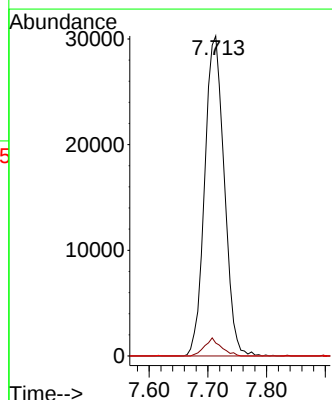
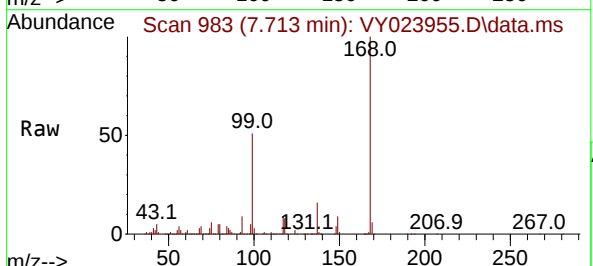
Tgt Ion: 117 Resp: 69838

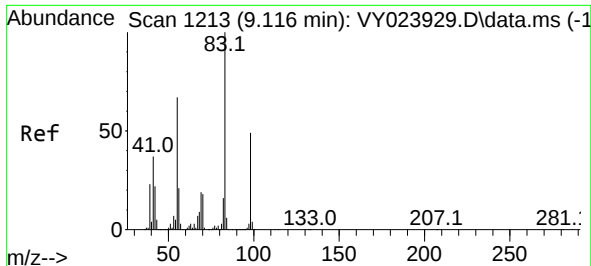
Ion Ratio Lower Upper

117 100

119 4.1 76.6 114.8#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 5.601 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY023955.D

Acq: 11 Dec 2025 15:18

Instrument :

MSVOA\_Y

ClientSampleId :

SW-8

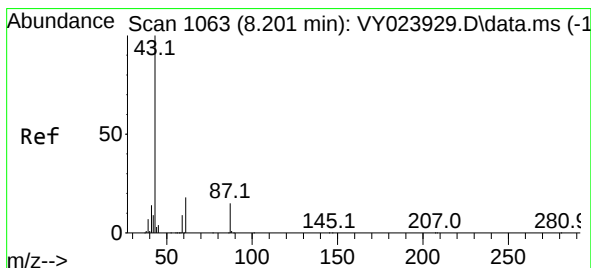
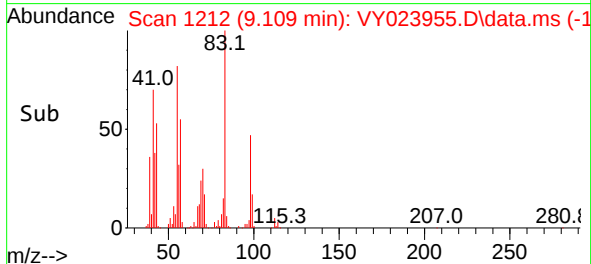
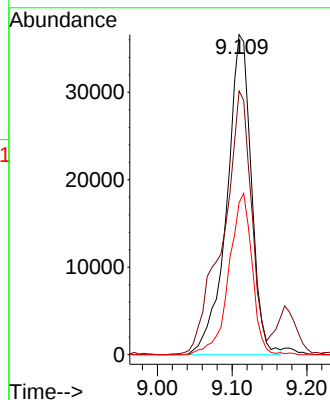
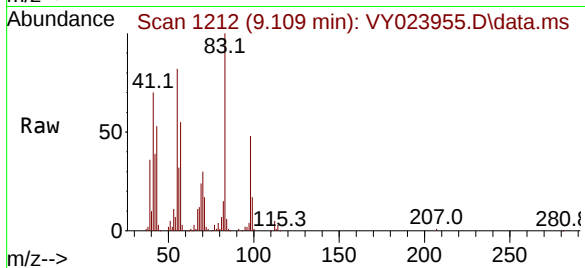
Tgt Ion: 83 Resp: 83449

Ion Ratio Lower Upper

83 100

55 82.0 53.4 80.0#

98 47.5 39.2 58.8



#43

Isopropyl Acetate

Concen: 2.079 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VY023955.D

Acq: 11 Dec 2025 15:18

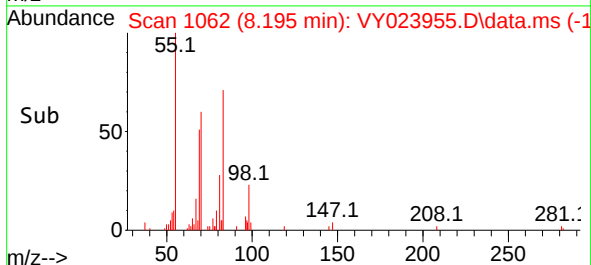
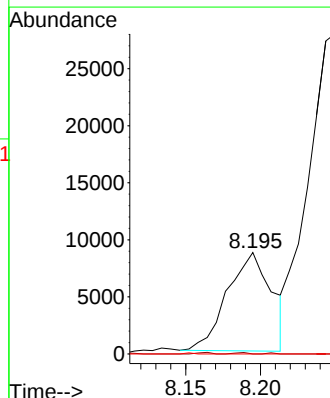
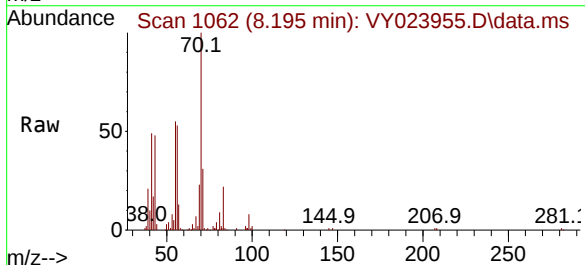
Tgt Ion: 43 Resp: 17786

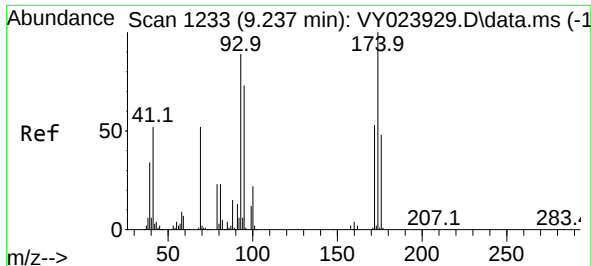
Ion Ratio Lower Upper

43 100

61 0.0 17.4 26.2#

87 0.0 12.3 18.5#





#49

1,4-Dioxane

Concen: 1.192 ug/l

RT: 8.975 min Scan# 1190

Delta R.T. -0.262 min

Lab File: VY023955.D

Acq: 11 Dec 2025 15:18

Instrument :

MSVOA\_Y

ClientSampleId :

SW-8

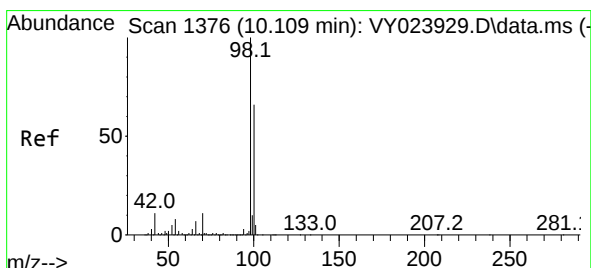
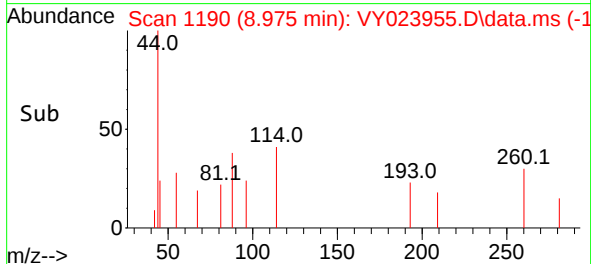
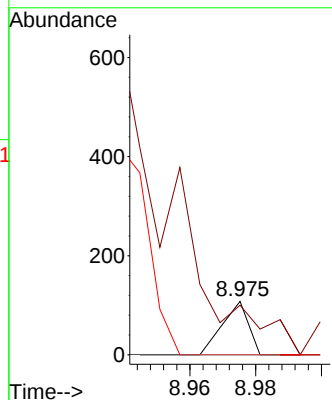
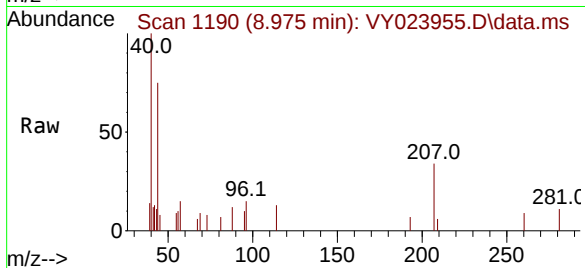
Tgt Ion: 88 Resp: 60

Ion Ratio Lower Upper

88 100

43 0.0 22.3 33.5#

58 0.0 52.3 78.5#



#50

Toluene-d8

Concen: 48.211 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023955.D

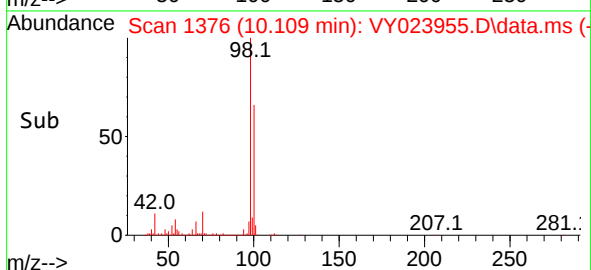
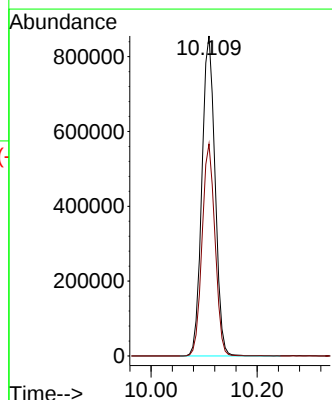
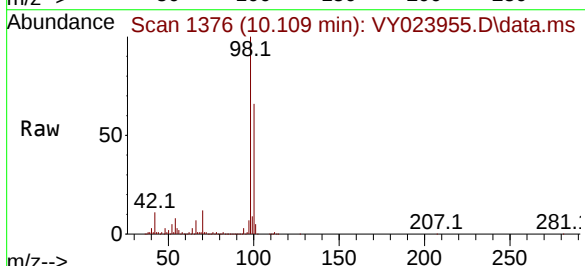
Acq: 11 Dec 2025 15:18

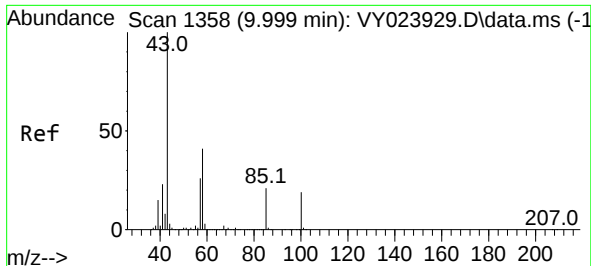
Tgt Ion: 98 Resp: 1470410

Ion Ratio Lower Upper

98 100

100 65.1 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 2.050 ug/l

RT: 10.042 min Scan# 11

Delta R.T. 0.043 min

Lab File: VY023955.D

Acq: 11 Dec 2025 15:18

Instrument :

MSVOA\_Y

ClientSampleId :

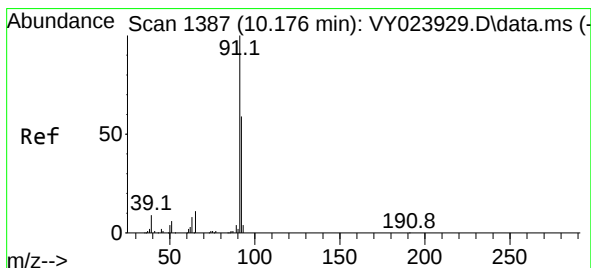
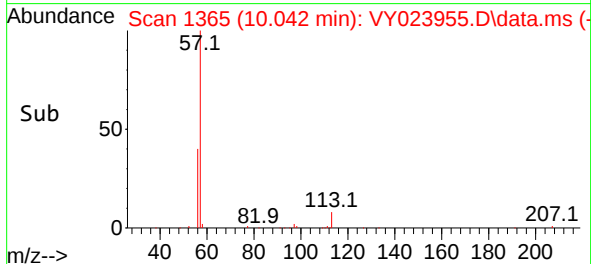
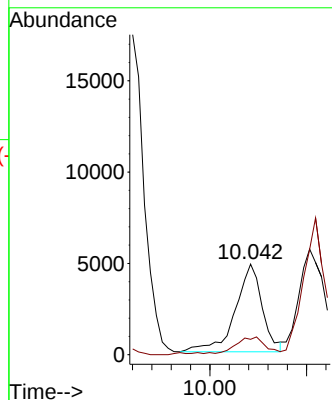
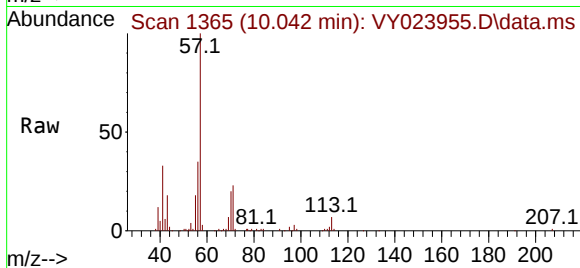
SW-8

Tgt Ion: 43 Resp: 9289

Ion Ratio Lower Upper

43 100

58 19.3 33.1 49.7#



#52

Toluene

Concen: 1.671 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VY023955.D

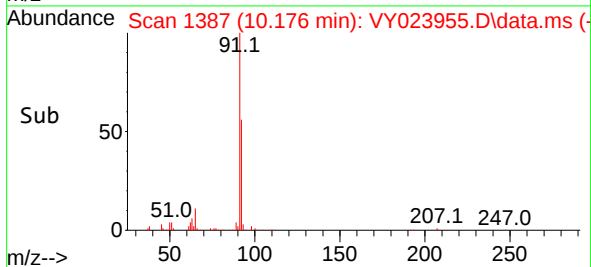
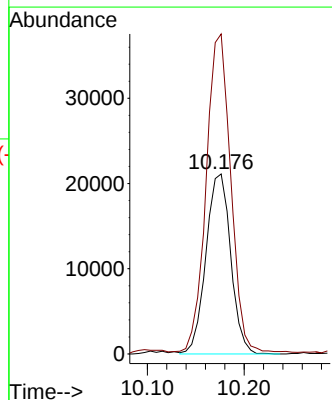
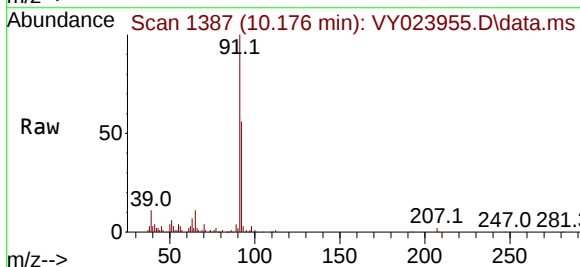
Acq: 11 Dec 2025 15:18

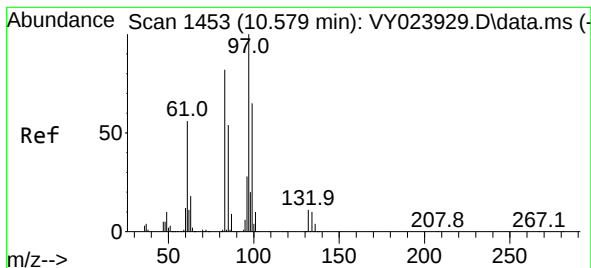
Tgt Ion: 92 Resp: 37559

Ion Ratio Lower Upper

92 100

91 175.4 135.8 203.6





#55

1,1,2-Trichloroethane

Concen: 4.736 ug/l

RT: 10.548 min Scan# 14

Delta R.T. -0.031 min

Lab File: VY023955.D

Acq: 11 Dec 2025 15:18

Instrument :

MSVOA\_Y

ClientSampleId :

SW-8

Tgt Ion: 97 Resp: 29421

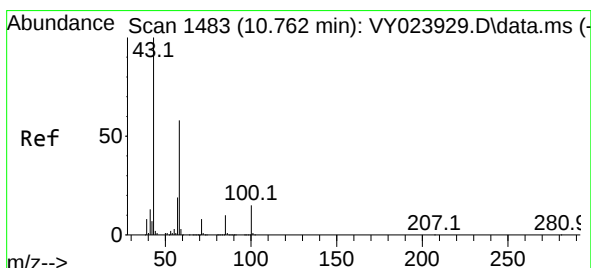
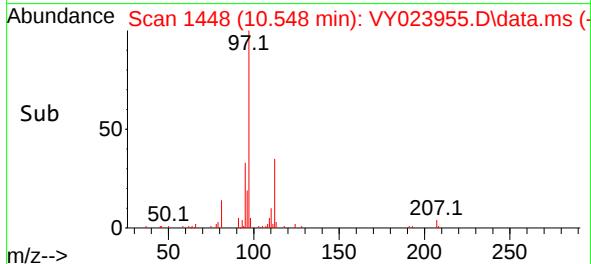
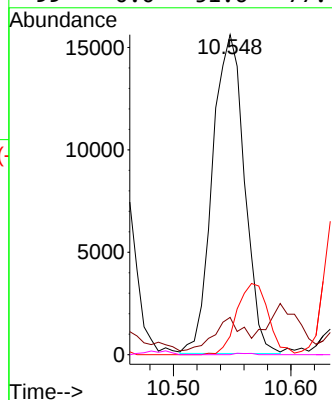
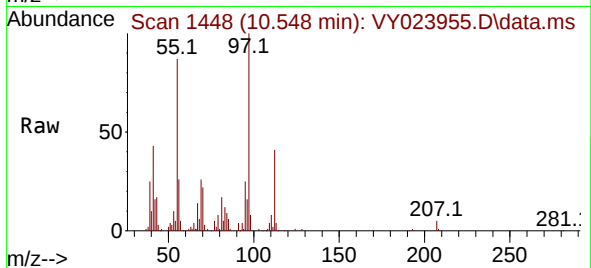
Ion Ratio Lower Upper

97 100

83 10.5 65.8 98.6#

85 5.8 43.1 64.7#

99 0.0 51.6 77.4#



#59

2-Hexanone

Concen: 10.479 ug/l

RT: 10.731 min Scan# 1478

Delta R.T. -0.031 min

Lab File: VY023955.D

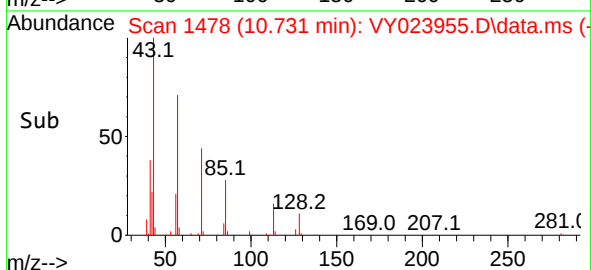
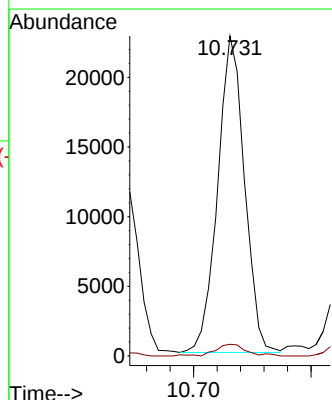
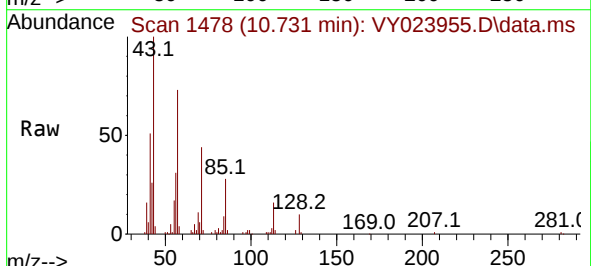
Acq: 11 Dec 2025 15:18

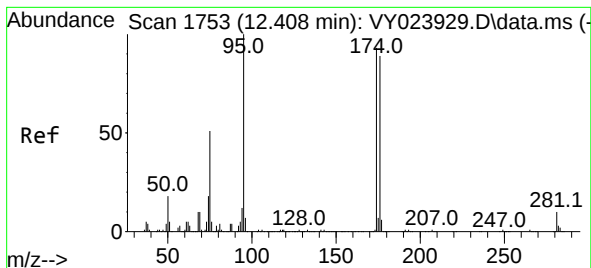
Tgt Ion: 43 Resp: 36041

Ion Ratio Lower Upper

43 100

58 4.2 29.0 87.0#

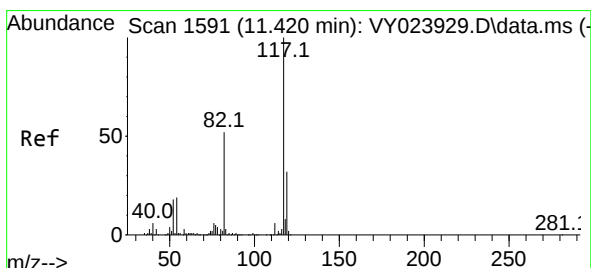
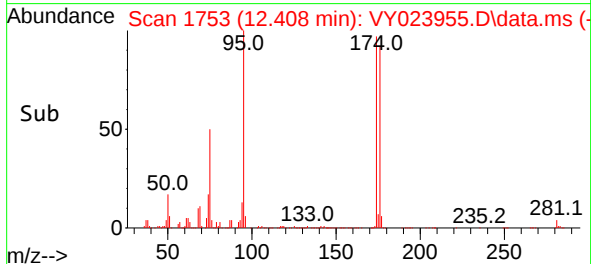
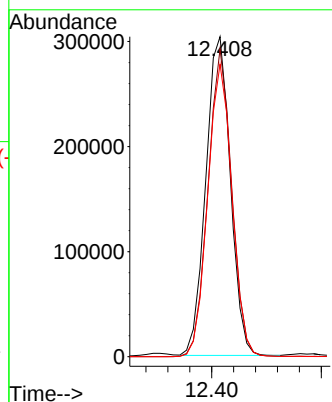
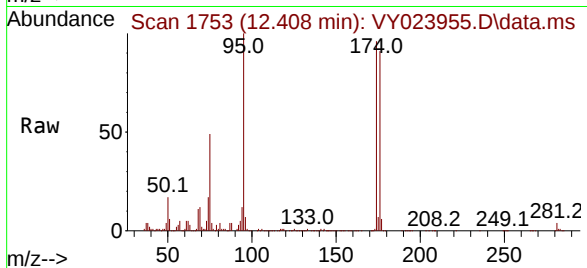




#62  
4-Bromofluorobenzene  
Concen: 46.322 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. -0.000 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

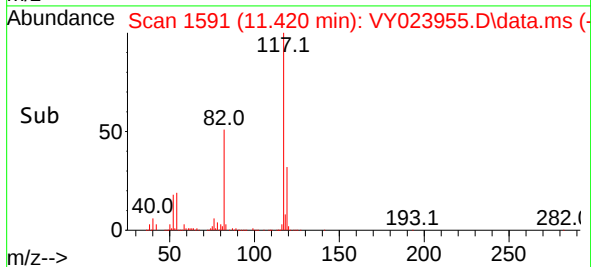
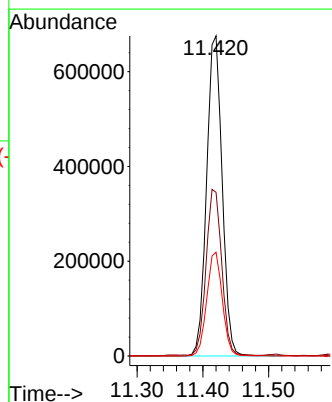
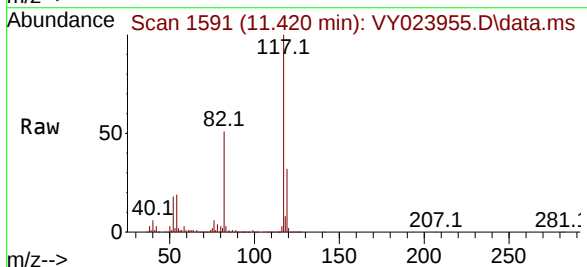
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SW-8

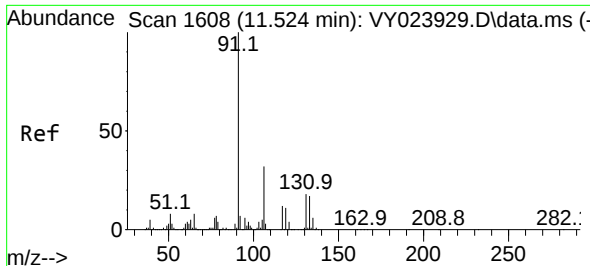
Tgt Ion: 95 Resp: 471808  
Ion Ratio Lower Upper  
95 100  
174 93.4 0.0 187.4  
176 90.8 0.0 179.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.420 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

Tgt Ion: 117 Resp: 1109443  
Ion Ratio Lower Upper  
117 100  
82 50.9 41.4 62.2  
119 32.4 25.5 38.3





#67

Ethyl Benzene

Concen: 6.944 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY023955.D

Acq: 11 Dec 2025 15:18

Instrument :

MSVOA\_Y

ClientSampleId :

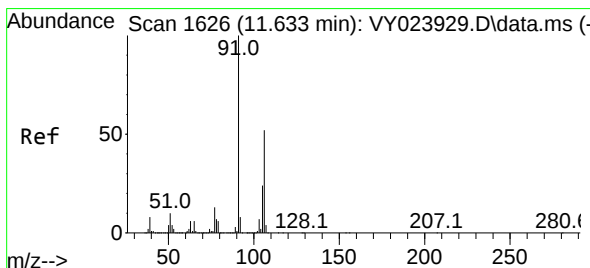
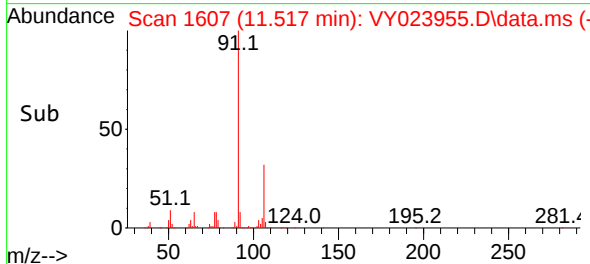
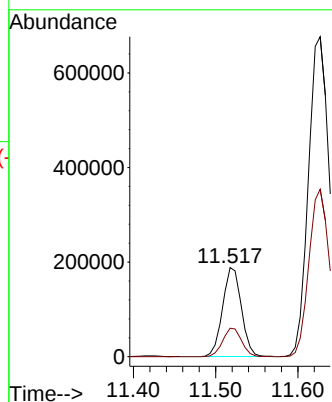
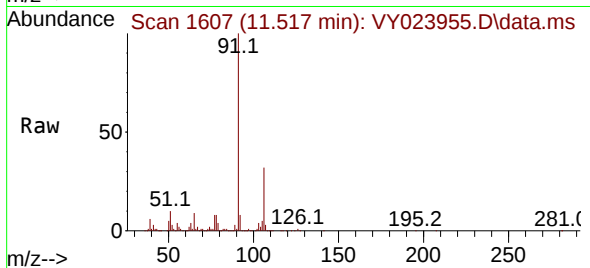
SW-8

Tgt Ion: 91 Resp: 299086

Ion Ratio Lower Upper

91 100

106 32.1 25.8 38.8



#68

m/p-Xylenes

Concen: 36.210 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY023955.D

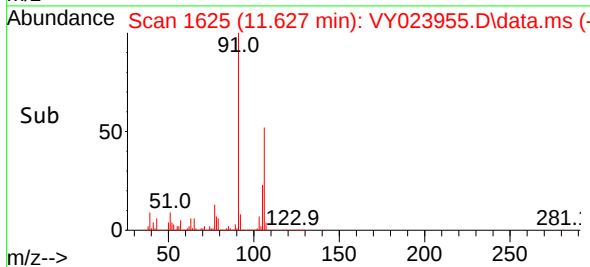
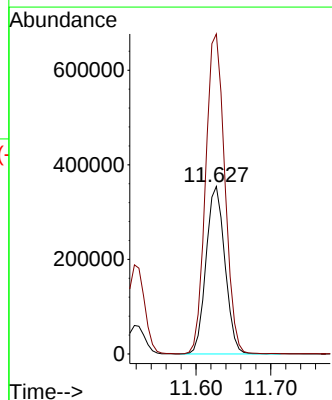
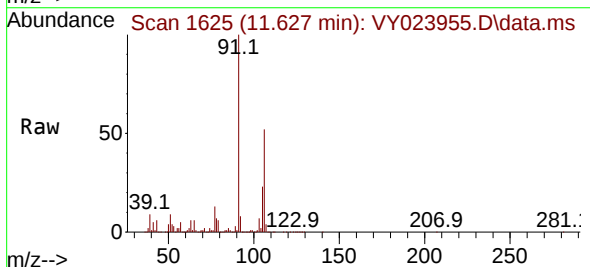
Acq: 11 Dec 2025 15:18

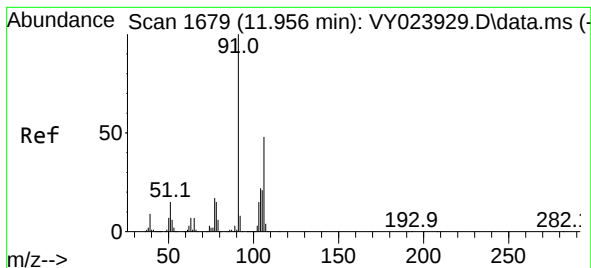
Tgt Ion:106 Resp: 619146

Ion Ratio Lower Upper

106 100

91 194.3 155.0 232.6





#69

o-Xylene

Concen: 18.080 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023955.D

Acq: 11 Dec 2025 15:18

Instrument :

MSVOA\_Y

ClientSampleId :

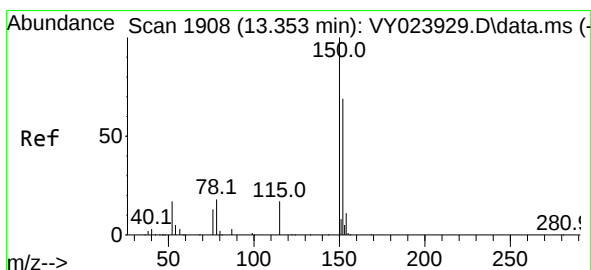
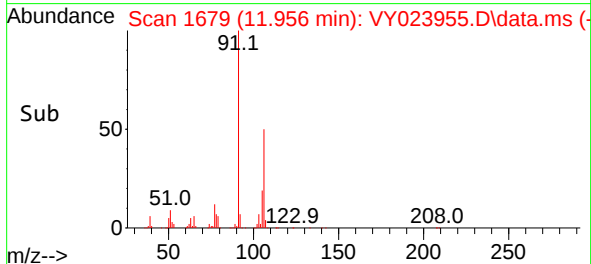
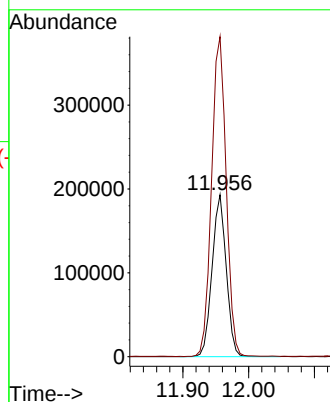
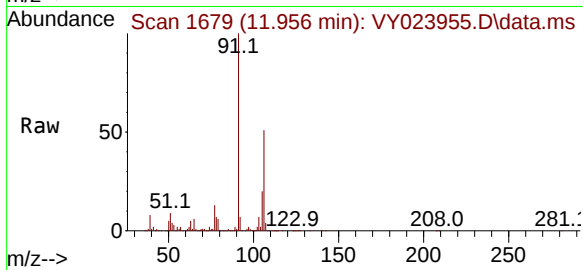
SW-8

Tgt Ion:106 Resp: 289199

Ion Ratio Lower Upper

106 100

91 203.9 102.1 306.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY023955.D

Acq: 11 Dec 2025 15:18

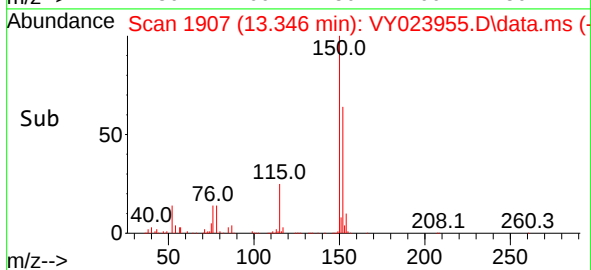
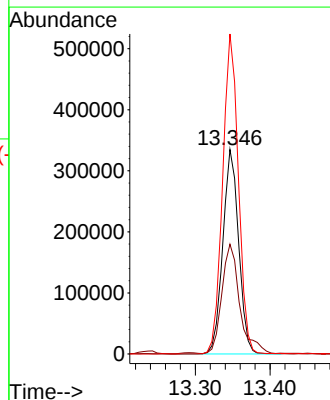
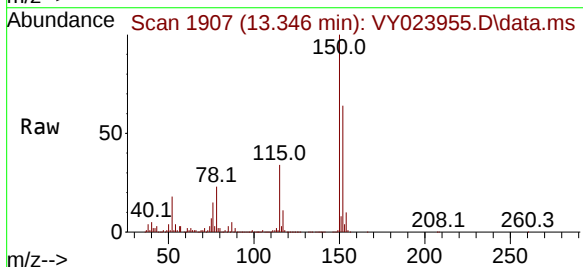
Tgt Ion:152 Resp: 493913

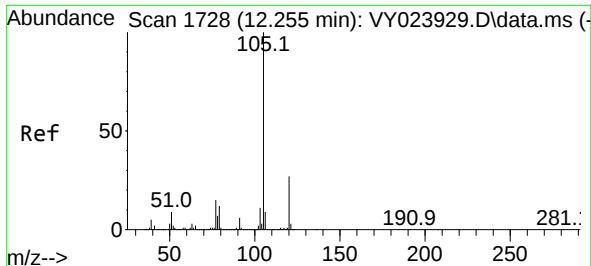
Ion Ratio Lower Upper

152 100

115 60.3 27.3 81.9

150 155.9 0.0 347.6

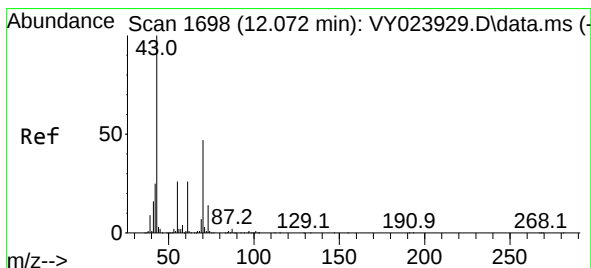
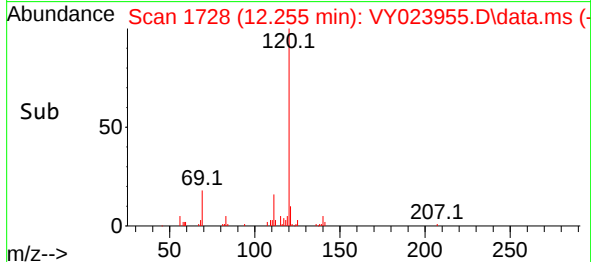
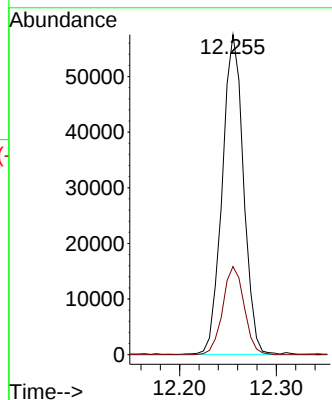
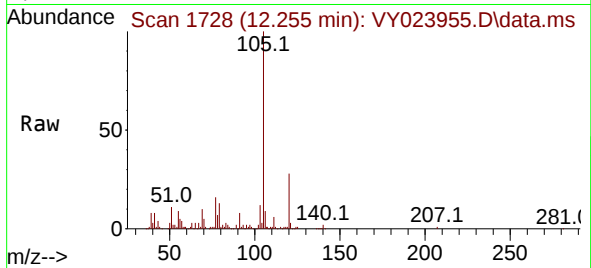




#73  
Isopropylbenzene  
Concen: 2.426 ug/l  
RT: 12.255 min Scan# 1728  
Delta R.T. -0.000 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

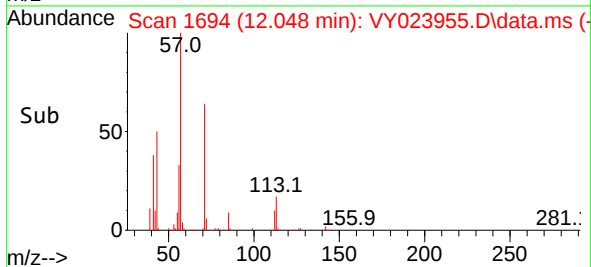
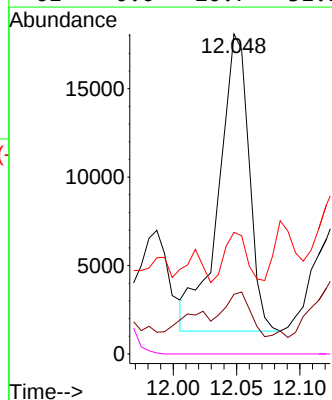
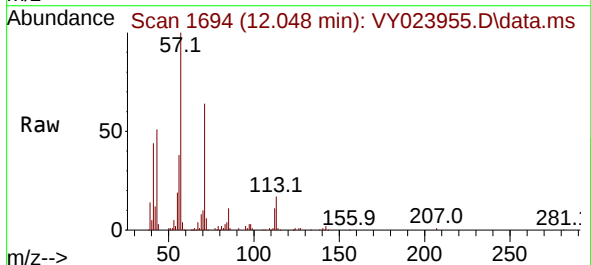
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SW-8

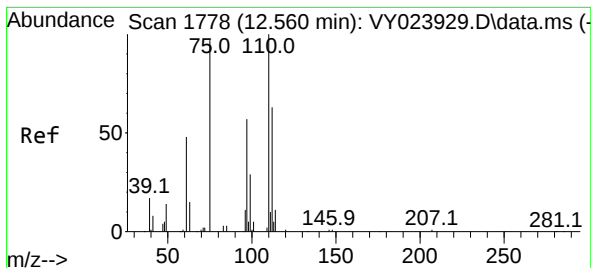
Tgt Ion:105 Resp: 87571  
Ion Ratio Lower Upper  
105 100  
120 27.7 13.7 41.0



#74  
N-ethyl acetate  
Concen: 4.399 ug/l  
RT: 12.048 min Scan# 1694  
Delta R.T. -0.024 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

Tgt Ion: 43 Resp: 28165  
Ion Ratio Lower Upper  
43 100  
70 12.2 37.4 56.0#  
55 12.0 21.6 32.4#  
61 0.0 20.7 31.1#

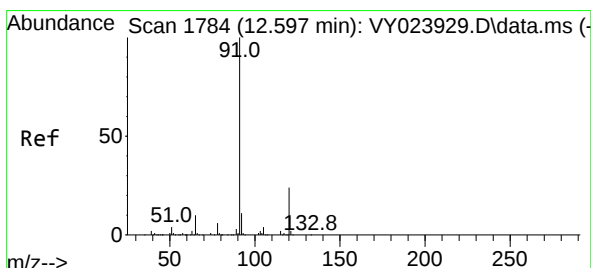
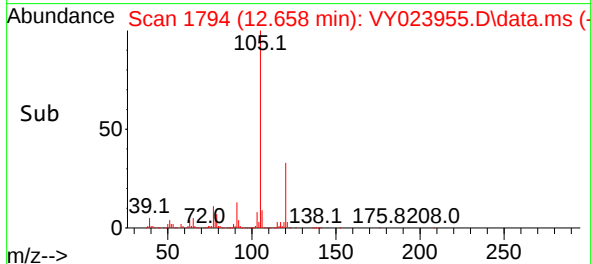
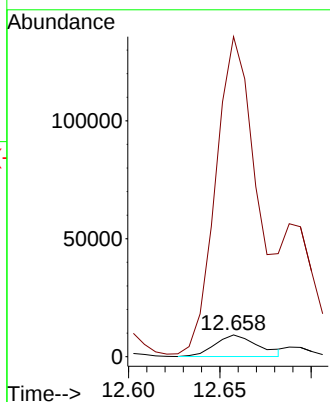
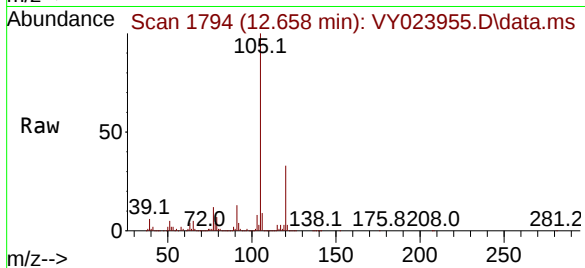




#76  
1,2,3-Trichloropropane  
Concen: 3.595 ug/l  
RT: 12.658 min Scan# 1778  
Delta R.T. 0.098 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

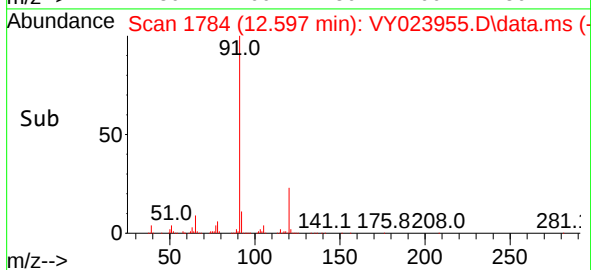
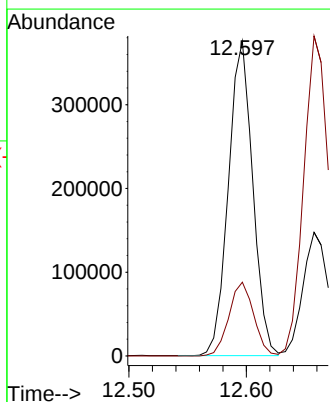
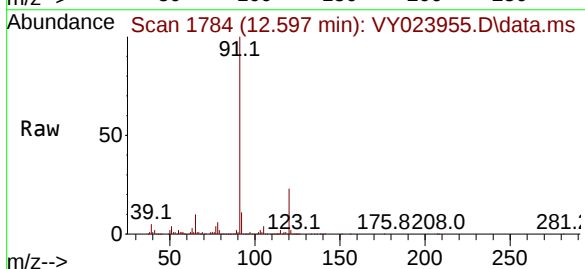
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SW-8

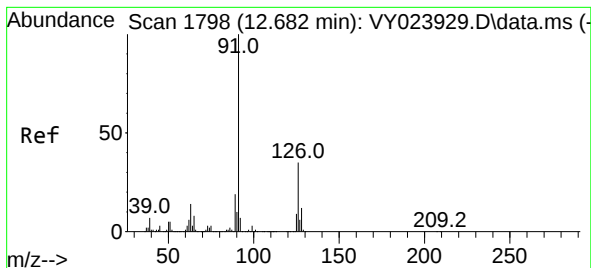
Tgt Ion: 75 Resp: 15020  
Ion Ratio Lower Upper  
75 100  
77 1434.0 0.0 0.0#



#78  
n-propylbenzene  
Concen: 12.877 ug/l  
RT: 12.597 min Scan# 1784  
Delta R.T. -0.000 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

Tgt Ion: 91 Resp: 540785  
Ion Ratio Lower Upper  
91 100  
120 23.9 12.0 36.0

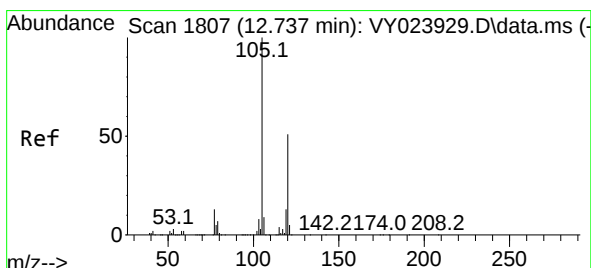
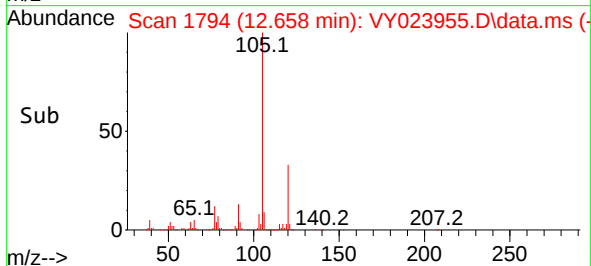
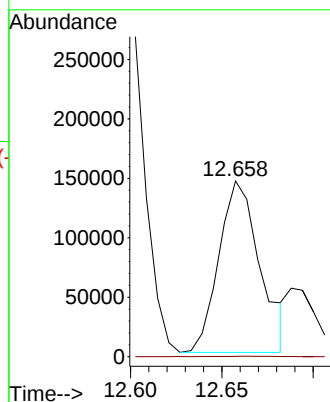
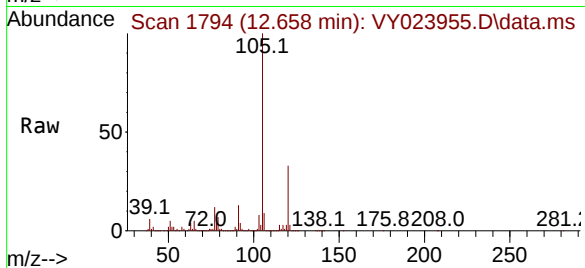




#79  
2-Chlorotoluene  
Concen: 9.438 ug/l  
RT: 12.658 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

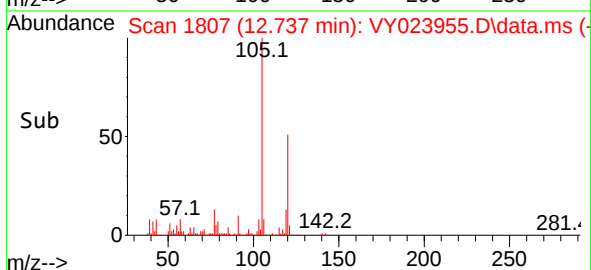
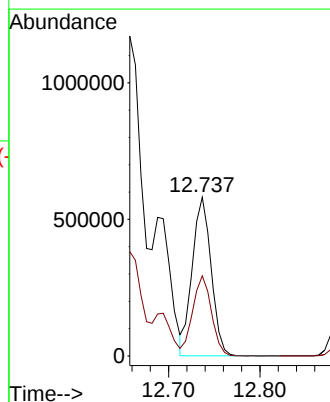
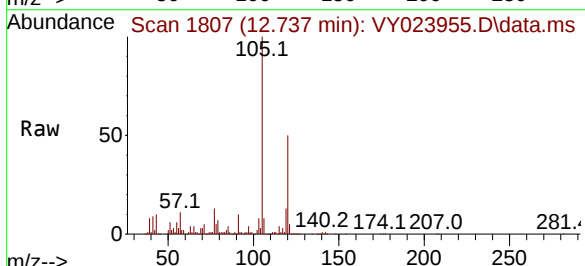
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SW-8

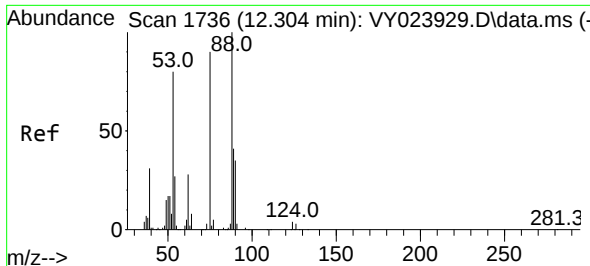
Tgt Ion: 91 Resp: 225155  
Ion Ratio Lower Upper  
91 100  
126 0.3 17.9 53.7#



#80  
1,3,5-Trimethylbenzene  
Concen: 29.030 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

Tgt Ion: 105 Resp: 835960  
Ion Ratio Lower Upper  
105 100  
120 50.1 25.7 77.1

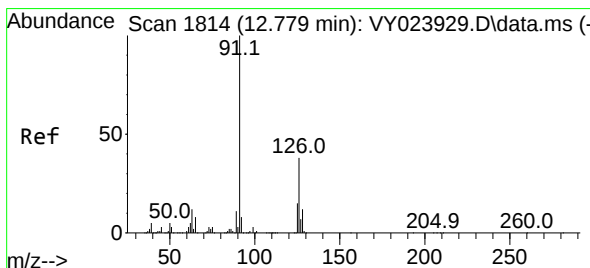
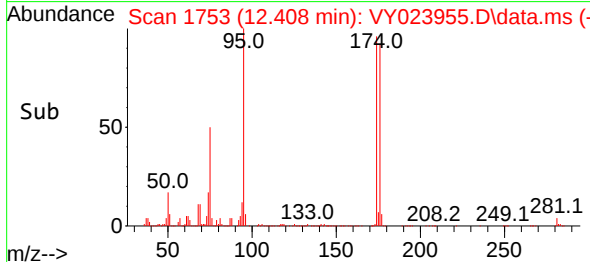
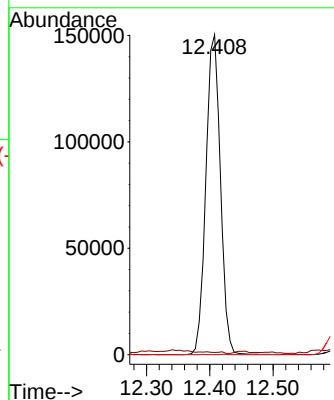
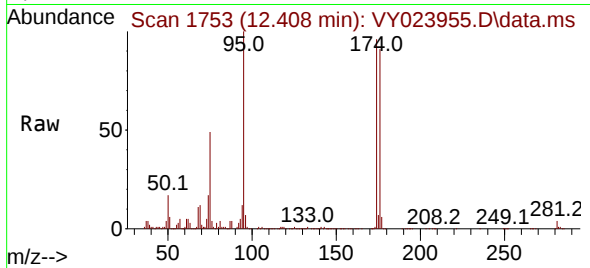




#81  
trans-1,4-Dichloro-2-butene  
Concen: 130.936 ug/l  
RT: 12.408 min Scan# 11  
Delta R.T. 0.104 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

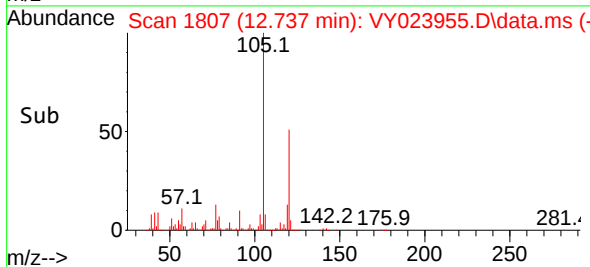
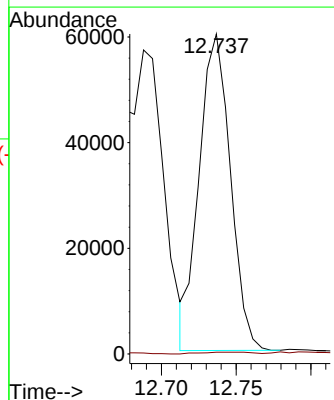
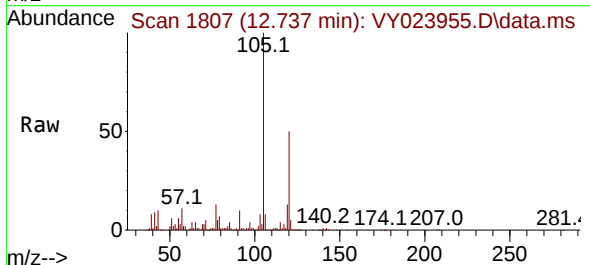
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SW-8

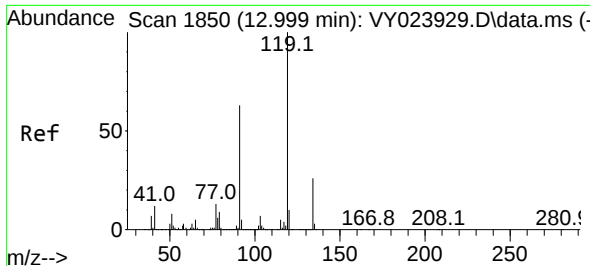
Tgt Ion: 75 Resp: 240331  
Ion Ratio Lower Upper  
75 100  
53 0.0 73.4 110.0#  
89 0.0 38.9 58.3#



#82  
4-Chlorotoluene  
Concen: 3.536 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. -0.043 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

Tgt Ion: 91 Resp: 86850  
Ion Ratio Lower Upper  
91 100  
126 0.9 18.1 54.1#

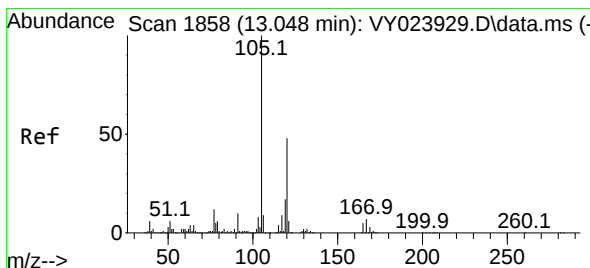
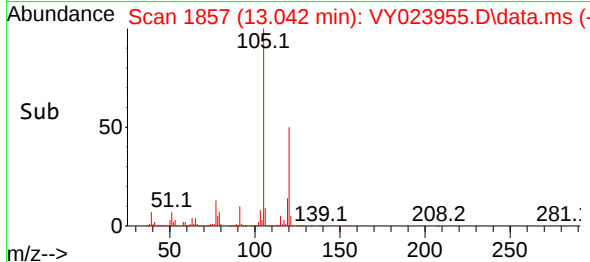
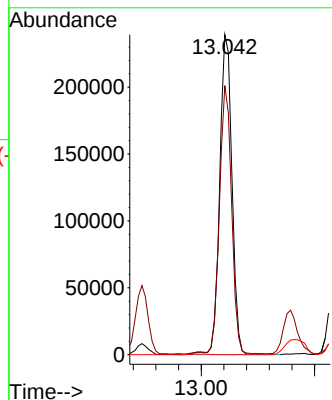
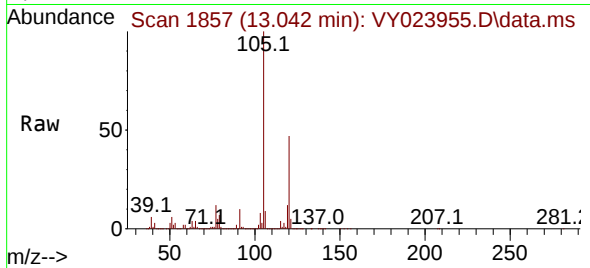




#83  
tert-Butylbenzene  
Concen: 13.468 ug/l  
RT: 13.042 min Scan# 1857  
Delta R.T. 0.043 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

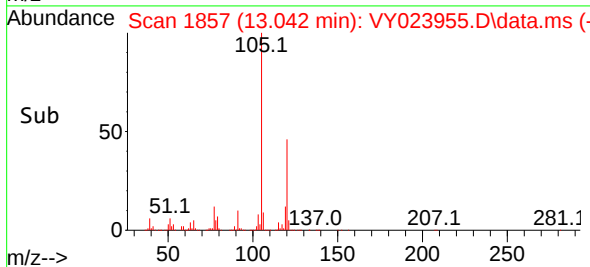
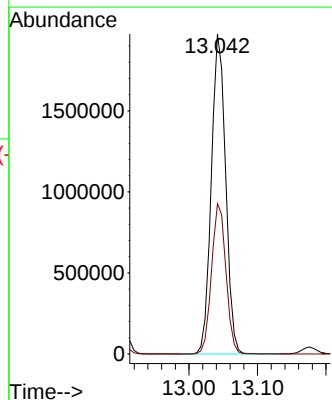
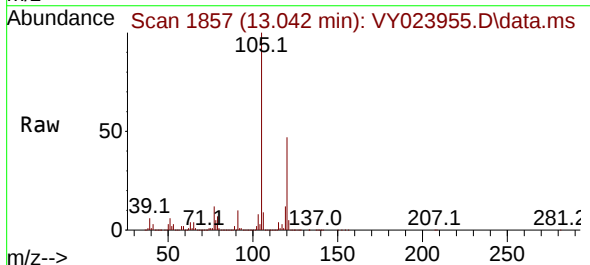
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SW-8

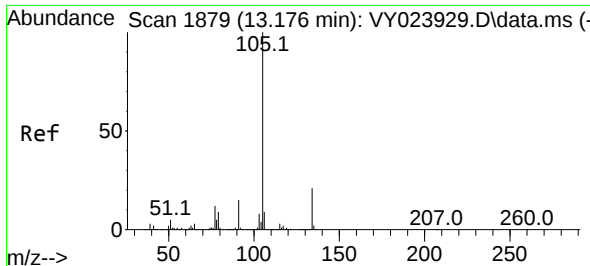
Tgt Ion:119 Resp: 358349  
Ion Ratio Lower Upper  
119 100  
91 83.1 31.6 94.7  
134 0.0 13.4 40.1#



#84  
1,2,4-Trimethylbenzene  
Concen: 100.425 ug/l  
RT: 13.042 min Scan# 1857  
Delta R.T. -0.006 min  
Lab File: VY023955.D  
Acq: 11 Dec 2025 15:18

Tgt Ion:105 Resp: 2864827  
Ion Ratio Lower Upper  
105 100  
120 47.2 23.4 70.3

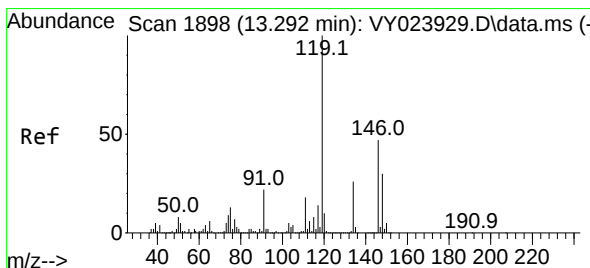
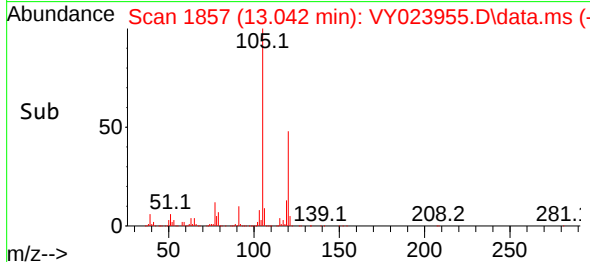
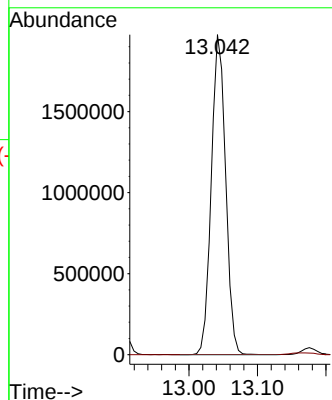
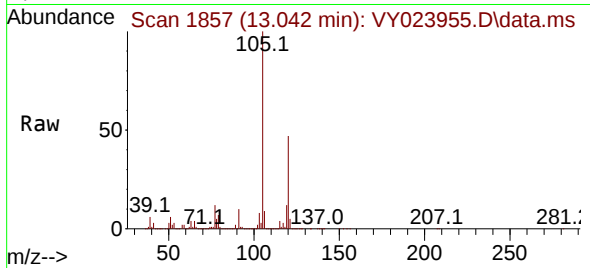




#85  
 sec-Butylbenzene  
 Concen: 73.812 ug/l  
 RT: 13.042 min Scan# 1857  
 Delta R.T. -0.134 min  
 Lab File: VY023955.D  
 Acq: 11 Dec 2025 15:18

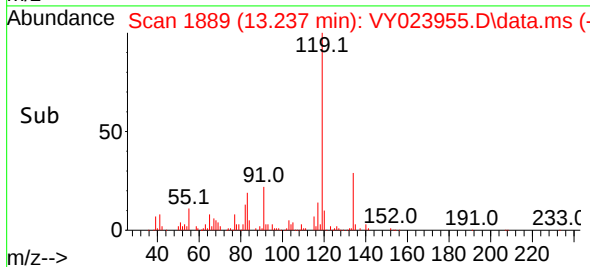
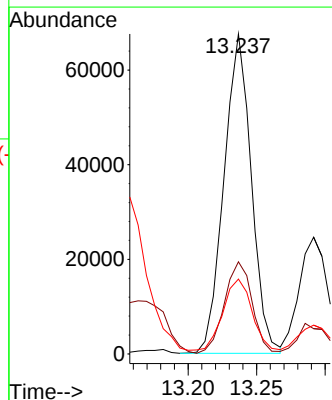
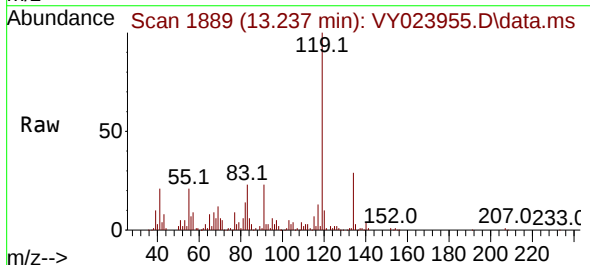
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SW-8

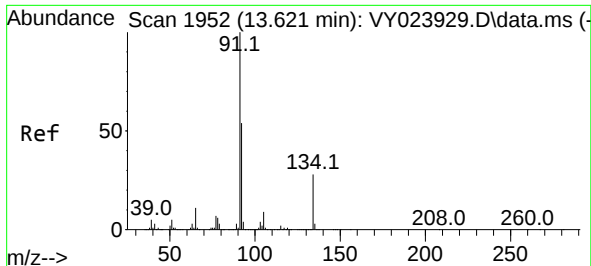
Tgt Ion:105 Resp: 2864827  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 10.6 31.8#



#86  
 p-Isopropyltoluene  
 Concen: 2.850 ug/l  
 RT: 13.237 min Scan# 1889  
 Delta R.T. -0.055 min  
 Lab File: VY023955.D  
 Acq: 11 Dec 2025 15:18

Tgt Ion:119 Resp: 93618  
 Ion Ratio Lower Upper  
 119 100  
 134 29.3 13.6 40.7  
 91 23.3 11.1 33.3





#89

n-Butylbenzene

Concen: 4.735 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY023955.D

Acq: 11 Dec 2025 15:18

Instrument :

MSVOA\_Y

ClientSampleId :

SW-8

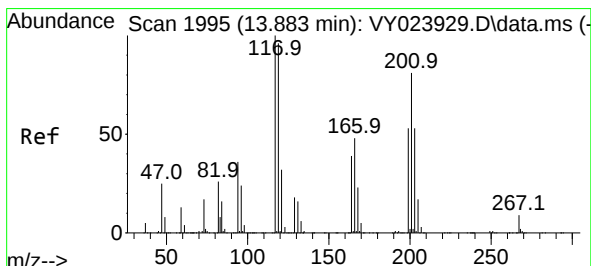
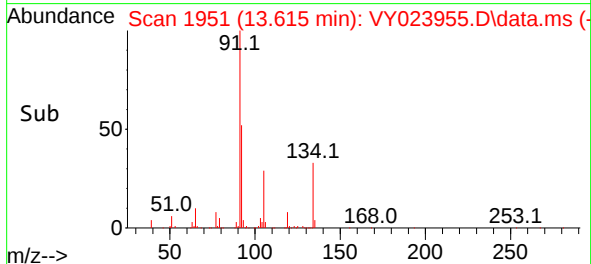
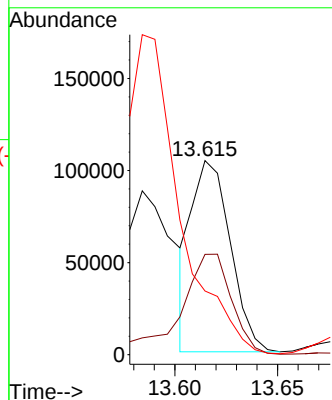
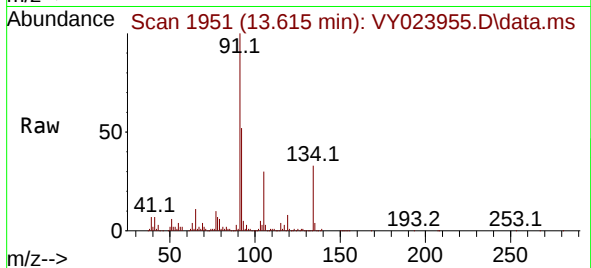
Tgt Ion: 91 Resp: 136097

Ion Ratio Lower Upper

91 100

92 68.4 26.9 80.6

134 0.0 13.9 41.6#



#90

Hexachloroethane

Concen: 9.555 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY023955.D

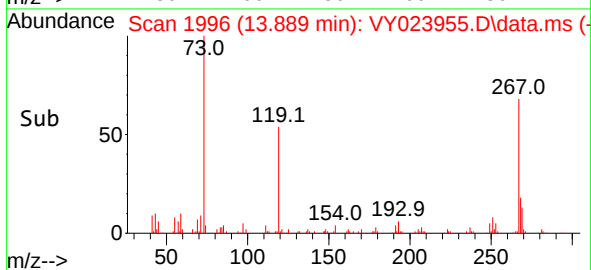
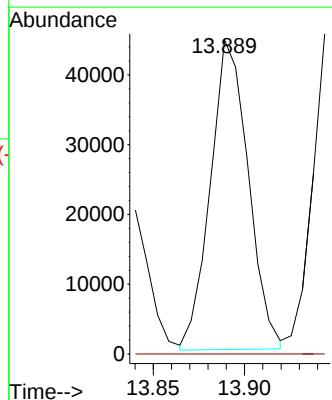
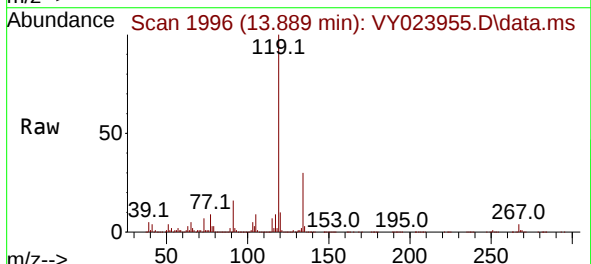
Acq: 11 Dec 2025 15:18

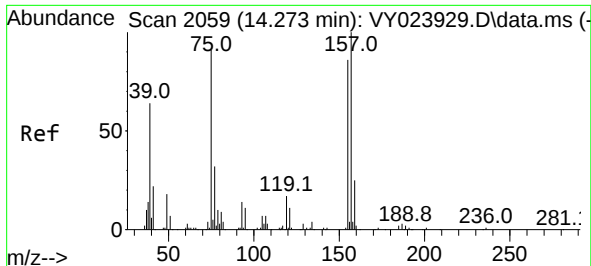
Tgt Ion: 117 Resp: 64059

Ion Ratio Lower Upper

117 100

201 0.0 42.4 127.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.514 ug/l

RT: 14.249 min Scan# 2055

Delta R.T. -0.024 min

Lab File: VY023955.D

Acq: 11 Dec 2025 15:18

Instrument :

MSVOA\_Y

ClientSampleId :

SW-8

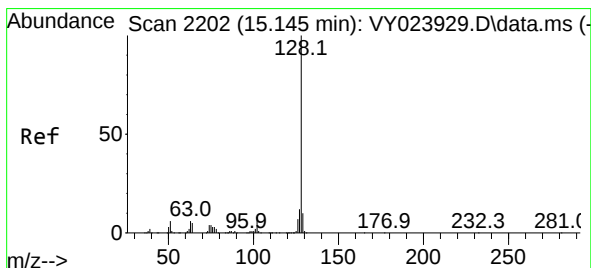
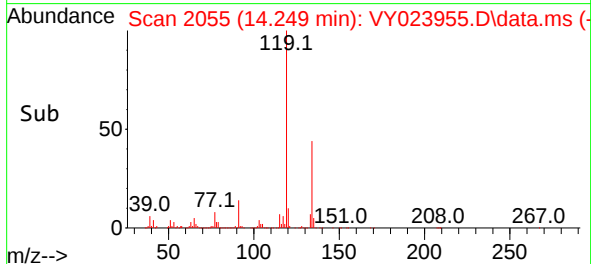
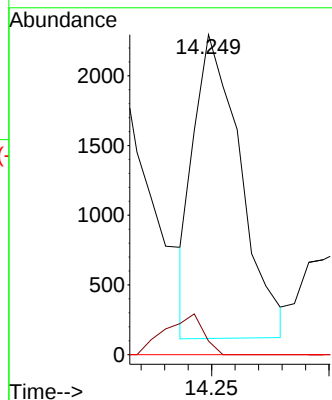
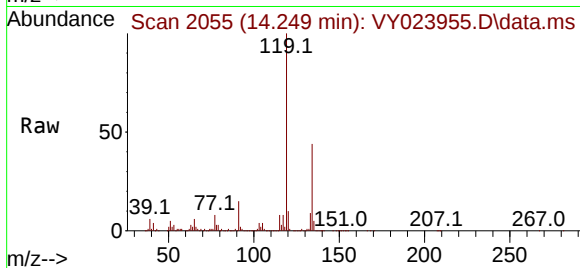
Tgt Ion: 75 Resp: 2990

Ion Ratio Lower Upper

75 100

155 11.1 50.2 150.7#

157 0.0 62.8 188.5#



#95

Naphthalene

Concen: 37.009 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY023955.D

Acq: 11 Dec 2025 15:18

Tgt Ion: 128 Resp: 506837

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.1 8.6 12.8

