

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW111125\  
 Data File : VW032430.D  
 Acq On : 11 Nov 2025 14:59  
 Operator : SY/MD  
 Sample : Q3590-02  
 Misc : 4.92g/5mL/MSVOA\_W/SOIL/A  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 12 03:50:27 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W111025S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 11 03:48:21 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.959  | 168  | 220077   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.855  | 114  | 510268   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.635 | 117  | 367370   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.556 | 152  | 134909   | 50.000 | ug/l  | # 0.00   |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.319  | 65    | 204920   | 72.223   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 63 - 155 | Recovery | = 144.440% |      |
| 35) Dibromofluoromethane    | 7.904  | 113   | 184302   | 60.326   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 70 - 134 | Recovery | = 120.660% |      |
| 50) Toluene-d8              | 10.325 | 98    | 658833   | 56.213   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 123 | Recovery | = 112.420% |      |
| 62) 4-Bromofluorobenzene    | 12.611 | 95    | 195024   | 44.048   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 17 - 146 | Recovery | = 88.100%  |      |

|                               |        |     |         |         |        |        |
|-------------------------------|--------|-----|---------|---------|--------|--------|
| Target Compounds              |        |     |         |         |        | Qvalue |
| 3) Chloromethane              | 2.363  | 50  | 21233   | 11.094  | ug/l # | 83     |
| 11) Tert butyl alcohol        | 5.216  | 59  | 54476   | 222.040 | ug/l   | 99     |
| 16) Acetone                   | 4.155  | 43  | 6578    | 7.749   | ug/l   | 99     |
| 18) Methyl Acetate            | 4.704  | 43  | 8093    | 3.850   | ug/l # | 89     |
| 20) Methylene Chloride        | 4.954  | 84  | 12805   | 4.218   | ug/l   | 90     |
| 31) Cyclohexane               | 7.965  | 56  | 23936   | 5.099   | ug/l # | 72     |
| 36) 1,1-Dichloropropene       | 7.959  | 75  | 19647   | 4.365   | ug/l # | 54     |
| 38) Carbon Tetrachloride      | 7.965  | 117 | 24483   | 6.121   | ug/l # | 15     |
| 39) Methylcyclohexane         | 9.343  | 83  | 296419  | 50.832  | ug/l   | 92     |
| 48) Methyl methacrylate       | 9.520  | 41  | 15091   | 5.358   | ug/l # | 55     |
| 49) 1,4-Dioxane               | 9.453  | 88  | 82      | 2.775   | ug/l # | 1      |
| 52) Toluene                   | 10.392 | 92  | 94123   | 10.512  | ug/l   | 99     |
| 55) 1,1,2-Trichloroethane     | 10.764 | 97  | 487711  | 168.548 | ug/l # | 19     |
| 56) Ethyl methacrylate        | 10.666 | 69  | 89275   | 20.108  | ug/l # | 23     |
| 59) 2-Hexanone                | 10.934 | 43  | 68087   | 28.403  | ug/l # | 30     |
| 67) Ethyl Benzene             | 11.733 | 91  | 708418  | 51.707  | ug/l   | 98     |
| 68) m/p-Xylenes               | 11.837 | 106 | 1532050 | 297.829 | ug/l   | 98     |
| 69) o-Xylene                  | 12.166 | 106 | 869502  | 176.534 | ug/l   | 97     |
| 70) Styrene                   | 12.166 | 104 | 46428   | 5.480   | ug/l # | 1      |
| 73) Isopropylbenzene          | 12.465 | 105 | 480816  | 48.527  | ug/l   | 83     |
| 74) N-amyl acetate            | 12.251 | 43  | 131544  | 38.206  | ug/l # | 43     |
| 75) 1,1,2,2-Tetrachloroethane | 12.678 | 83  | 62057   | 26.391  | ug/l # | 59     |
| 76) 1,2,3-Trichloropropane    | 12.806 | 75  | 4806    | 2.598   | ug/l # | 1      |
| 78) n-propylbenzene           | 12.800 | 91  | 864329  | 71.632  | ug/l   | 98     |
| 79) 2-Chlorotoluene           | 12.861 | 91  | 285970  | 38.823  | ug/l # | 43     |
| 80) 1,3,5-Trimethylbenzene    | 12.940 | 105 | 984542  | 120.444 | ug/l   | 97     |
| 81) trans-1,4-Dichloro-2-b... | 12.465 | 75  | 9250    | 11.453  | ug/l # | 1      |
| 82) 4-Chlorotoluene           | 12.940 | 91  | 114171  | 14.902  | ug/l # | 58     |
| 83) tert-Butylbenzene         | 13.202 | 119 | 14686   | 2.065   | ug/l # | 25     |
| 84) 1,2,4-Trimethylbenzene    | 13.245 | 105 | 3860286 | 464.305 | ug/l   | 98     |
| 85) sec-Butylbenzene          | 13.379 | 105 | 385261  | 36.379  | ug/l # | 73     |
| 86) p-Isopropyltoluene        | 13.495 | 119 | 307802  | 35.202  | ug/l   | 95     |
| 89) n-Butylbenzene            | 13.818 | 91  | 432477  | 50.627  | ug/l # | 70     |
| 90) Hexachloroethane          | 14.092 | 117 | 56277   | 35.697  | ug/l # | 18     |
| 92) 1,2-Dibromo-3-Chloropr... | 14.495 | 75  | 2166    | 5.347   | ug/l # | 24     |
| 95) Naphthalene               | 15.360 | 128 | 50971   | 7.867   | ug/l # | 91     |

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Acq On : 11 Nov 2025 14:59  
Operator : SY/MD  
Sample : Q3590-02  
Misc : 4.92g/5mL/MSVOA\_W/SOIL/A  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Nov 12 03:50:27 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W111025S.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 11 03:48:21 2025  
Response via : Initial Calibration

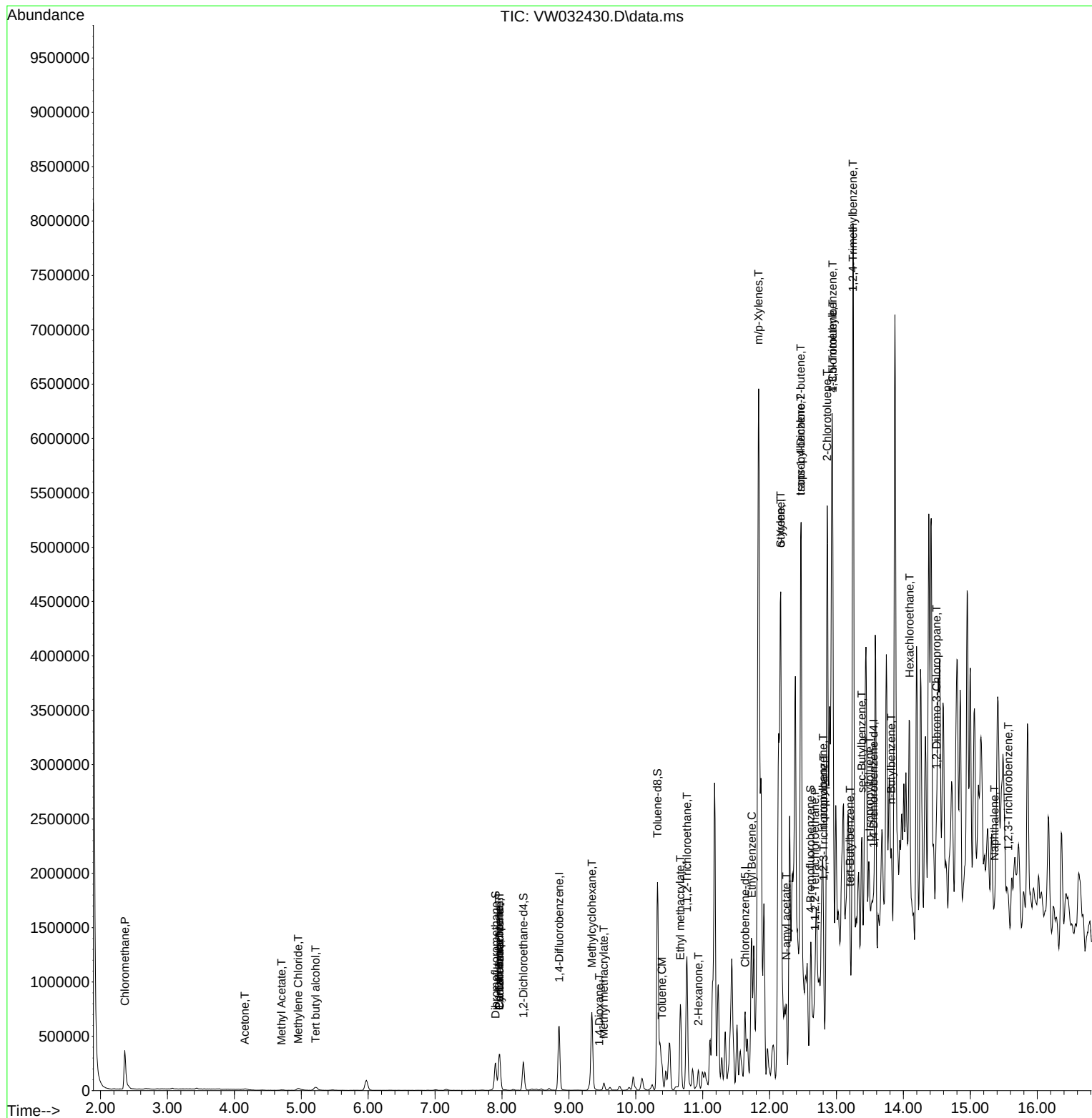
| Compound                   | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|----------------------------|--------|------|----------|--------|--------|----------|
| 96) 1,2,3-Trichlorobenzene | 15.568 | 180  | 26927    | 11.415 | ug/l # | 10       |

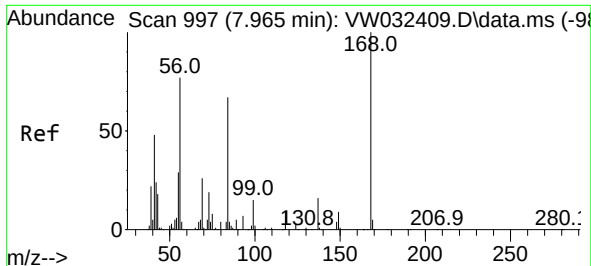
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW111125\  
Data File : VW032430.D  
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Sample : Q3590-02  
Misc : 4.92g/5mL/MSVOA\_W/SOIL/A  
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Quant Time: Nov 12 03:50:27 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W111025S.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 11 03:48:21 2025  
Response via : Initial Calibration

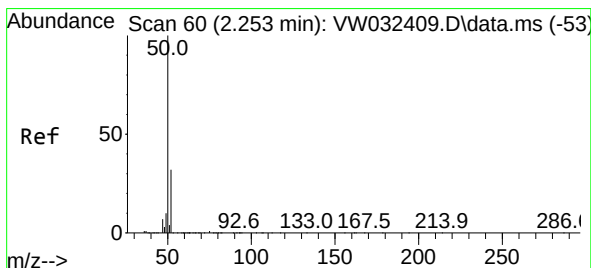
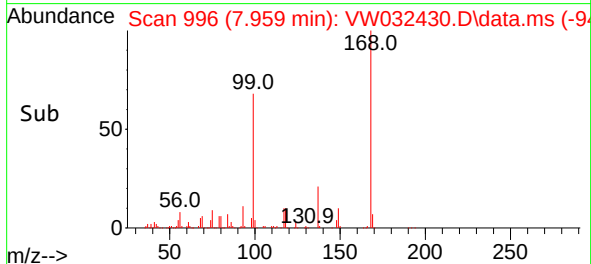
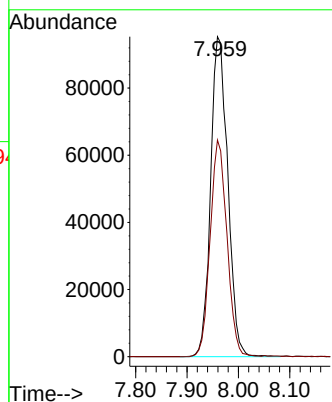
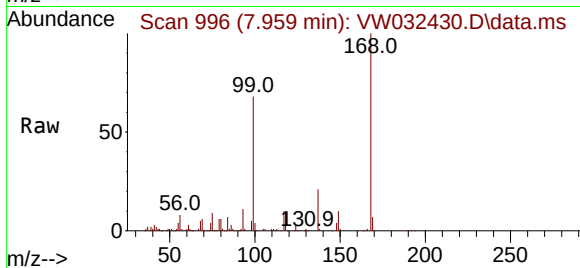




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.959 min Scan# 99  
Delta R.T. -0.006 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

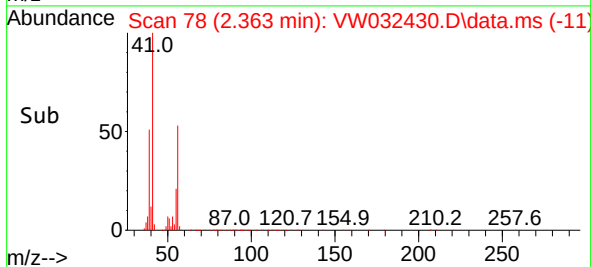
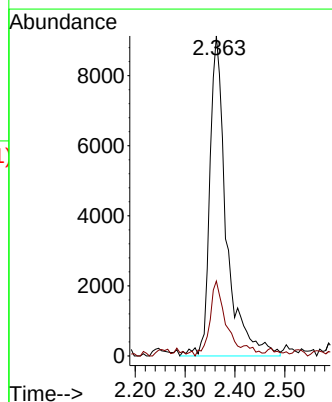
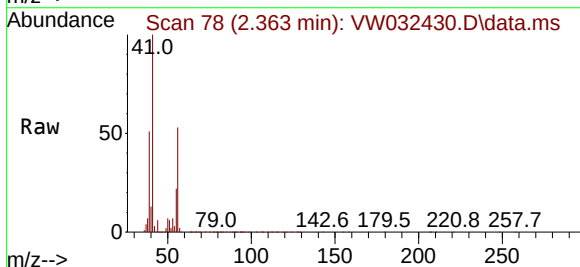
Instrument :  
MSVOA\_W  
ClientSampleId :

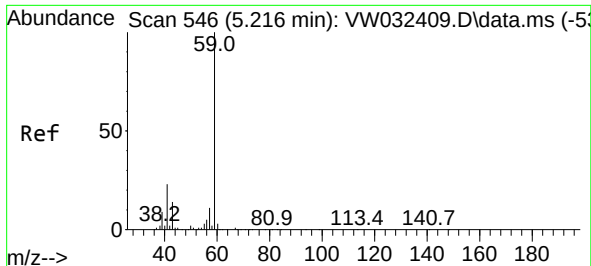
Tgt Ion:168 Resp: 220077  
Ion Ratio Lower Upper  
168 100  
99 67.7 45.4 68.2



#3  
Chloromethane  
Concen: 11.094 ug/l  
RT: 2.363 min Scan# 78  
Delta R.T. 0.110 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

Tgt Ion: 50 Resp: 21233  
Ion Ratio Lower Upper  
50 100  
52 22.3 25.5 38.3#

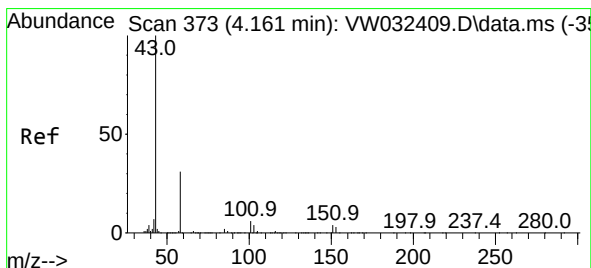
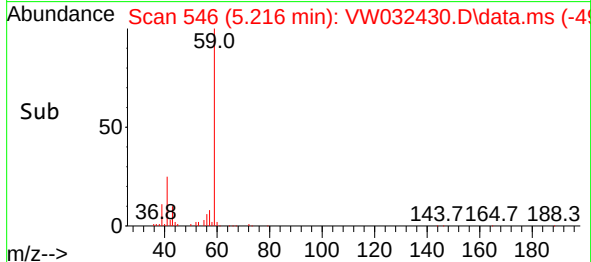
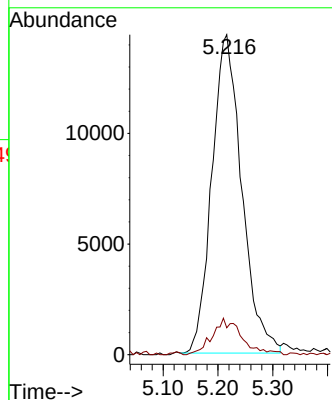
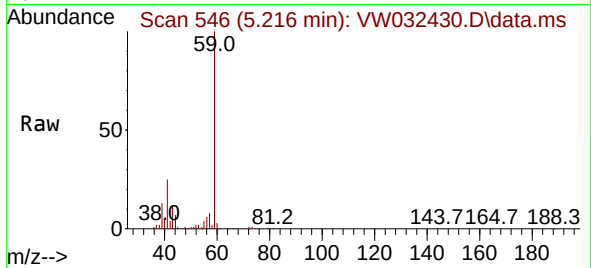




#11  
Tert butyl alcohol  
Concen: 222.040 ug/l  
RT: 5.216 min Scan# 546  
Delta R.T. 0.000 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

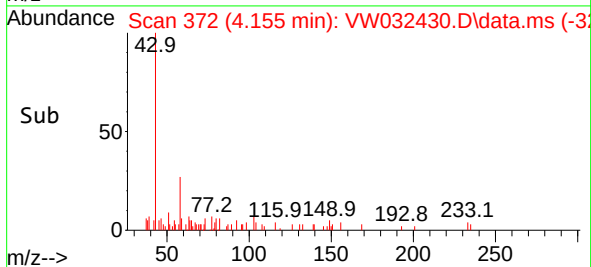
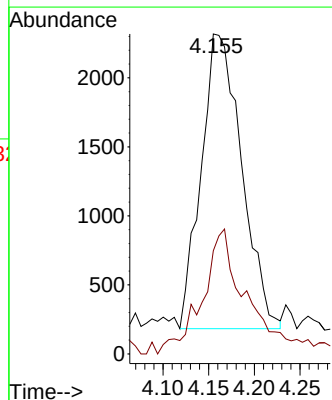
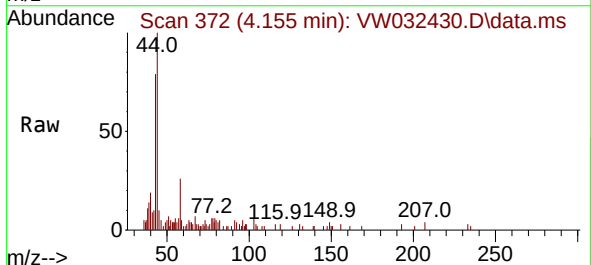
Instrument :  
MSVOA\_W  
ClientSampleId :

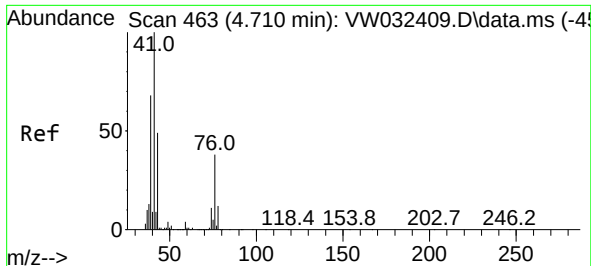
Tgt Ion: 59 Resp: 54476  
Ion Ratio Lower Upper  
59 100  
57 11.2 8.6 12.8



#16  
Acetone  
Concen: 7.749 ug/l  
RT: 4.155 min Scan# 372  
Delta R.T. -0.006 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

Tgt Ion: 43 Resp: 6578  
Ion Ratio Lower Upper  
43 100  
58 30.4 24.8 37.2

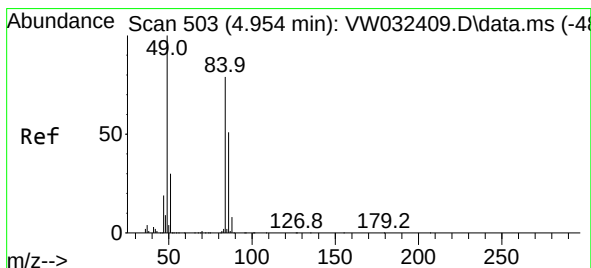
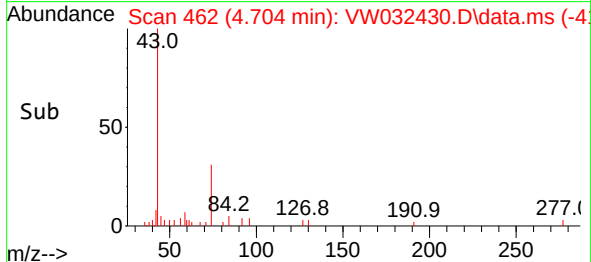
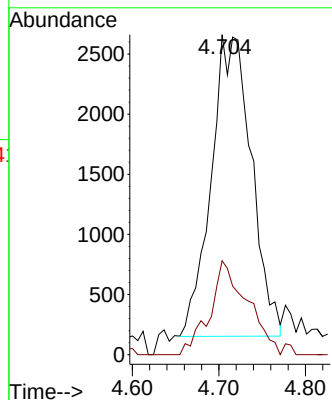
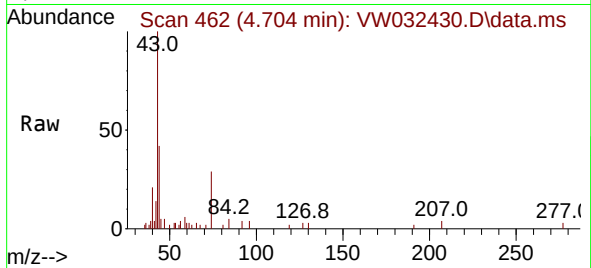




#18  
Methyl Acetate  
Concen: 3.850 ug/l  
RT: 4.704 min Scan# 462  
Delta R.T. -0.006 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

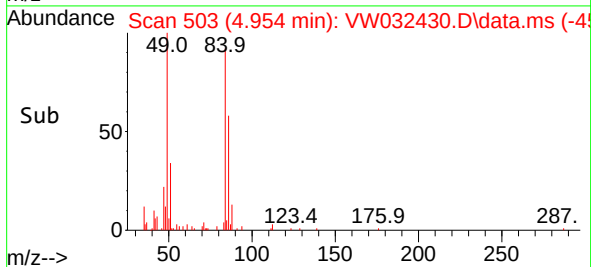
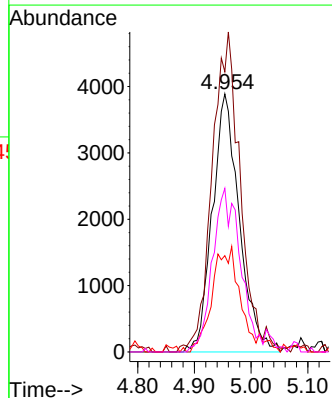
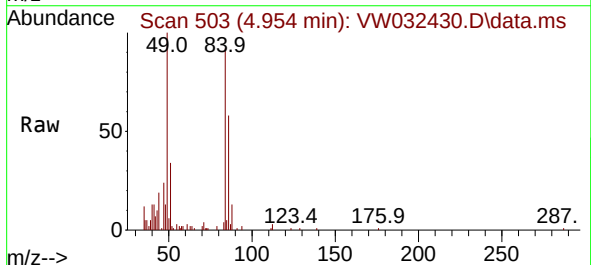
Instrument :  
MSVOA\_W  
ClientSampleId :

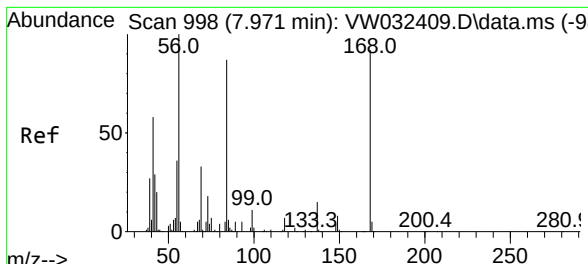
Tgt Ion: 43 Resp: 8093  
Ion Ratio Lower Upper  
43 100  
74 28.9 18.9 28.3#



#20  
Methylene Chloride  
Concen: 4.218 ug/l  
RT: 4.954 min Scan# 503  
Delta R.T. 0.000 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

Tgt Ion: 84 Resp: 12805  
Ion Ratio Lower Upper  
84 100  
49 107.1 101.5 152.3  
51 37.3 30.6 46.0  
86 63.4 51.9 77.9

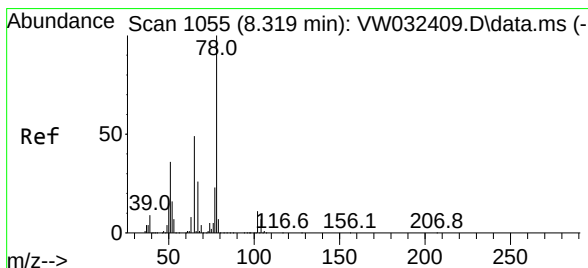
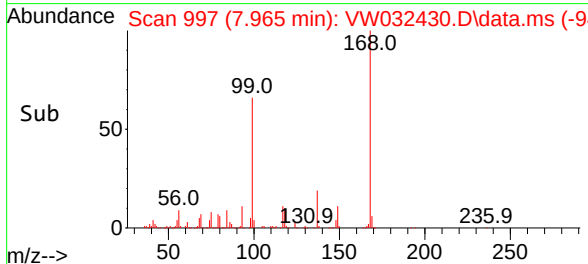
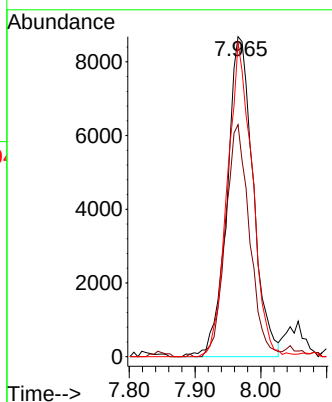
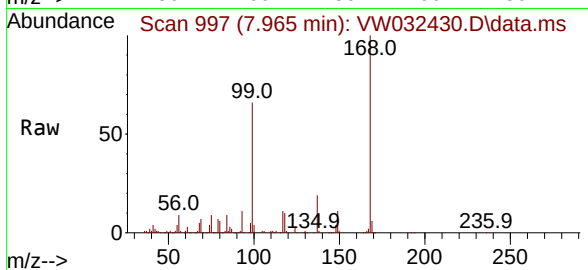




#31  
Cyclohexane  
Concen: 5.099 ug/l  
RT: 7.965 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

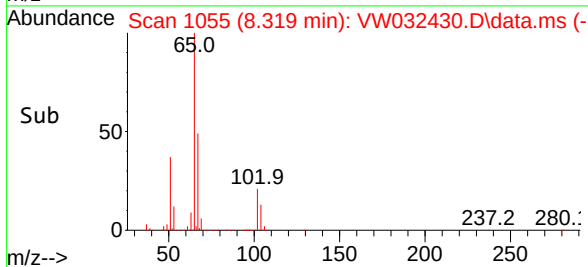
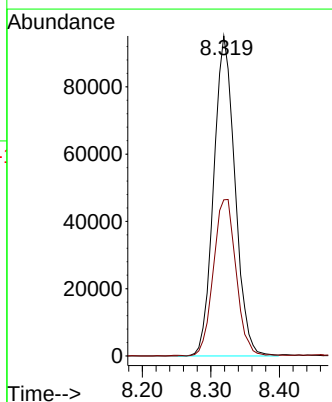
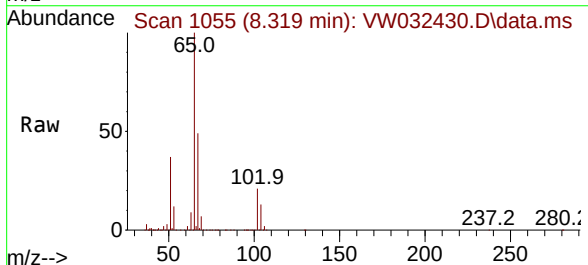
Instrument :  
MSVOA\_W  
ClientSampleId :

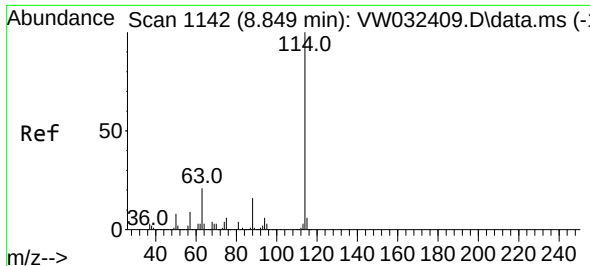
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 23936 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 72.5  | 26.5  | 39.7# |
| 84        | 98.0  | 69.6  | 104.4 |



#33  
1,2-Dichloroethane-d4  
Concen: 72.223 ug/l  
RT: 8.319 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 204920 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 67        | 52.4  | 0.0   | 106.8  |

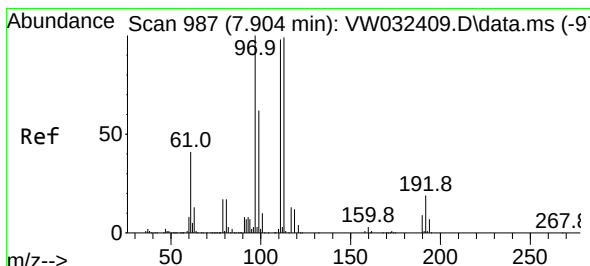
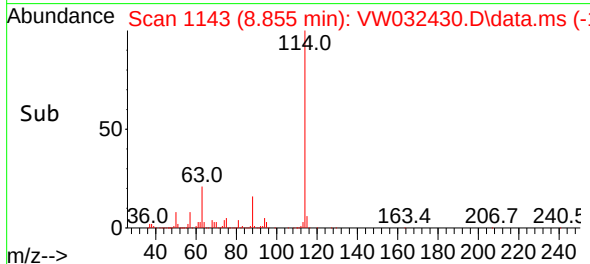
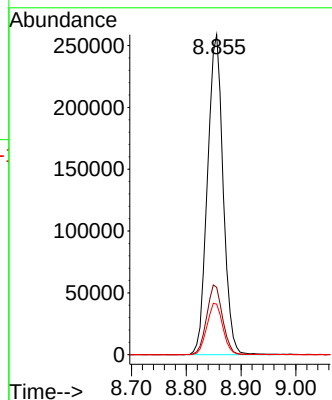
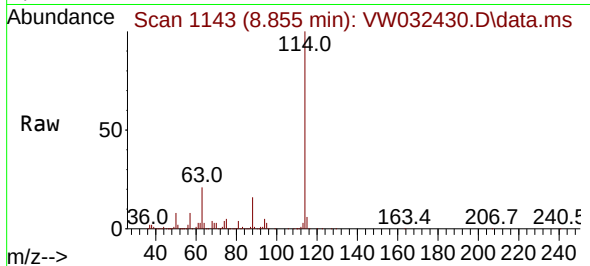




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.855 min Scan# 1143  
Delta R.T. 0.006 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

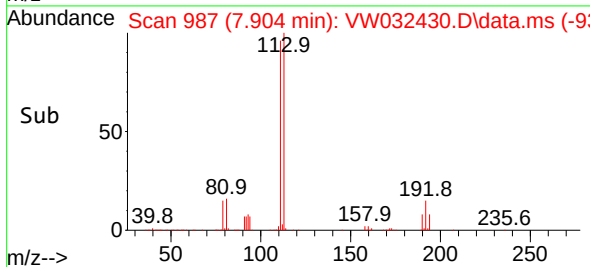
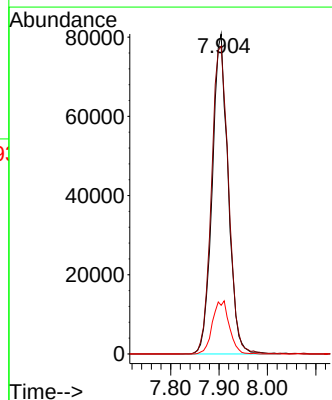
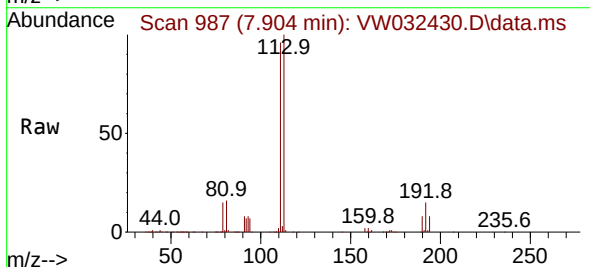
Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion:114 Resp: 510268  
Ion Ratio Lower Upper  
114 100  
63 21.0 0.0 41.8  
88 15.8 0.0 32.6

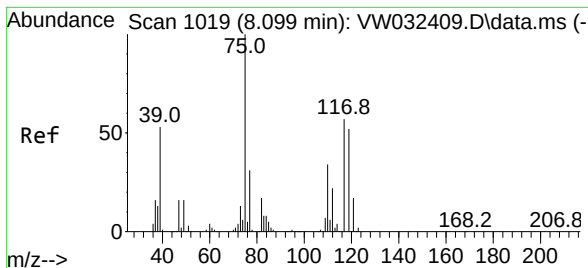


#35  
Dibromofluoromethane  
Concen: 60.326 ug/l  
RT: 7.904 min Scan# 987  
Delta R.T. 0.000 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

Tgt Ion:113 Resp: 184302  
Ion Ratio Lower Upper  
113 100  
111 103.5 83.1 124.7  
192 17.6 13.4 20.2







#36

1,1-Dichloropropene

Concen: 4.365 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.140 min

Lab File: VW032430.D

Acq: 11 Nov 2025 14:59

Instrument :

MSVOA\_W

ClientSampleId :

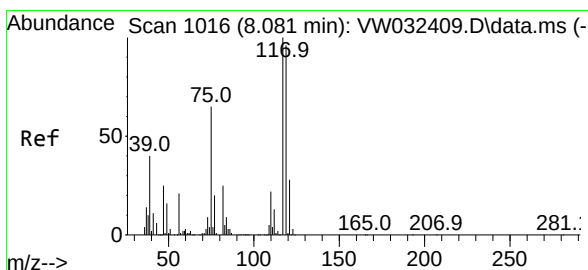
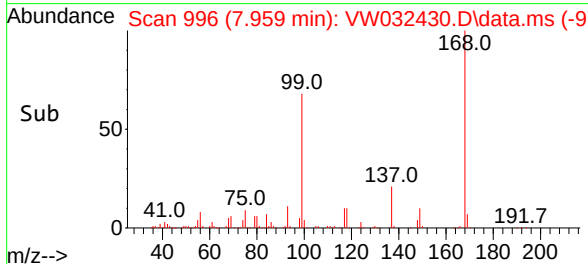
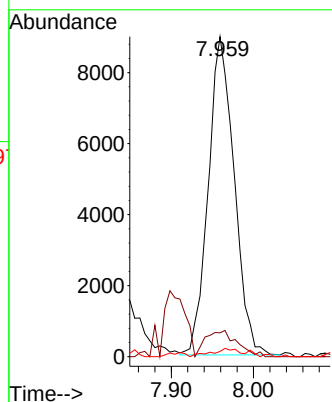
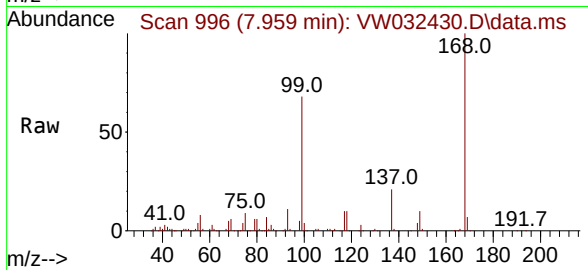
Tgt Ion: 75 Resp: 19647

Ion Ratio Lower Upper

75 100

110 10.0 17.2 51.5#

77 2.7 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.121 ug/l

RT: 7.965 min Scan# 997

Delta R.T. -0.116 min

Lab File: VW032430.D

Acq: 11 Nov 2025 14:59

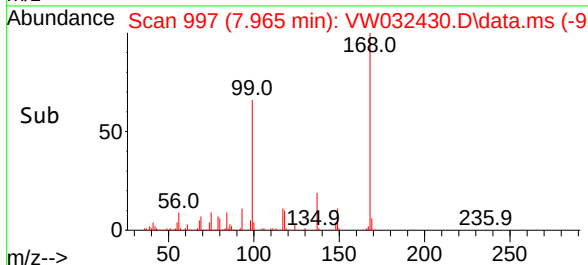
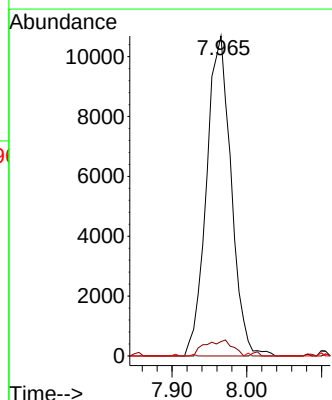
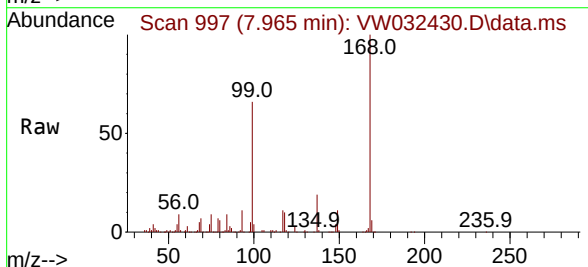
Tgt Ion: 117 Resp: 24483

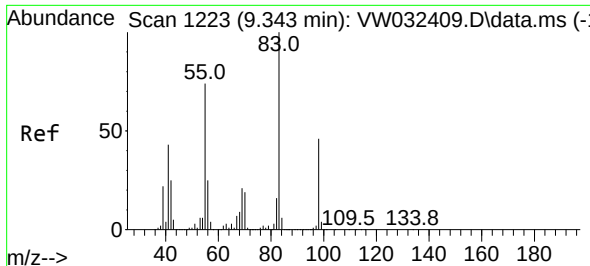
Ion Ratio Lower Upper

117 100

119 4.5 77.0 115.4#

121 0.0 22.0 33.0#

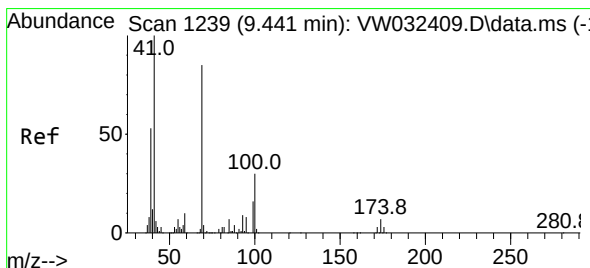
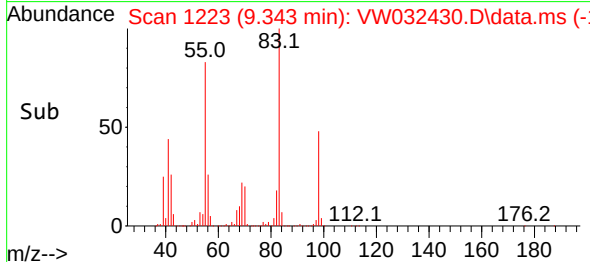
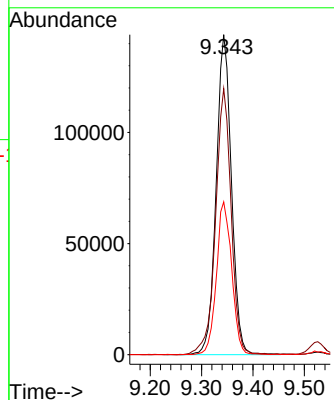
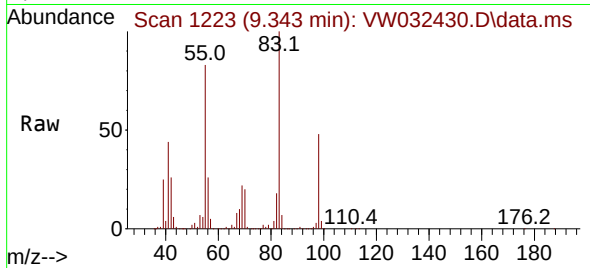




#39  
Methylcyclohexane  
Concen: 50.832 ug/l  
RT: 9.343 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

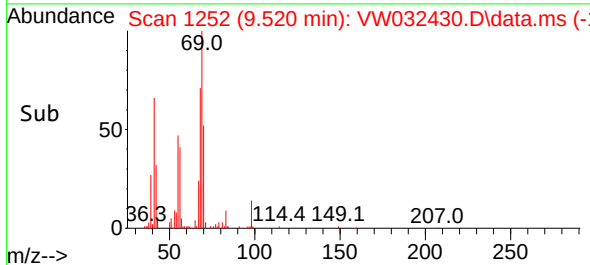
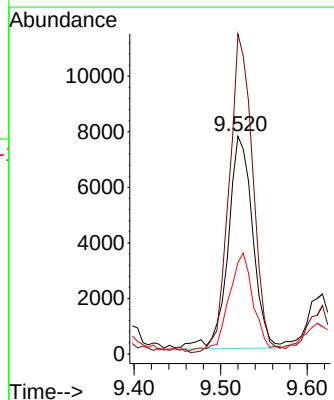
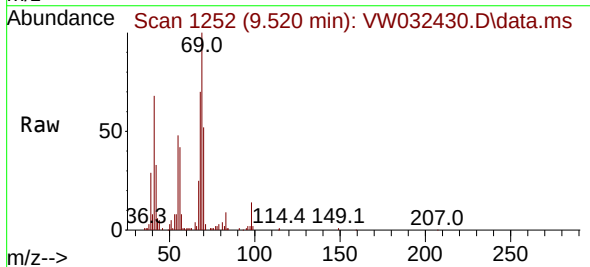
Instrument :  
MSVOA\_W  
ClientSampleId :

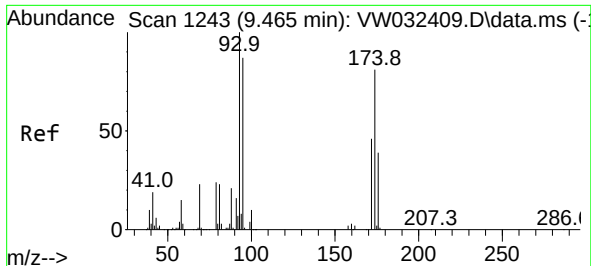
Tgt Ion: 83 Resp: 296419  
Ion Ratio Lower Upper  
83 100  
55 83.1 59.2 88.8  
98 47.8 36.6 54.8



#48  
Methyl methacrylate  
Concen: 5.358 ug/l  
RT: 9.520 min Scan# 1252  
Delta R.T. 0.079 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

Tgt Ion: 41 Resp: 15091  
Ion Ratio Lower Upper  
41 100  
69 144.6 65.8 98.6#  
39 47.0 38.6 57.8





#49

1,4-Dioxane

Concen: 2.775 ug/l

RT: 9.453 min Scan# 11

Delta R.T. -0.012 min

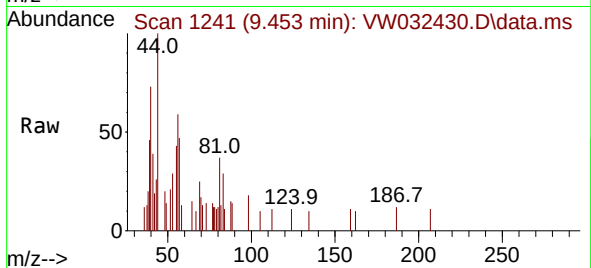
Lab File: VW032430.D

Acq: 11 Nov 2025 14:59

Instrument :

MSVOA\_W

ClientSampleId :



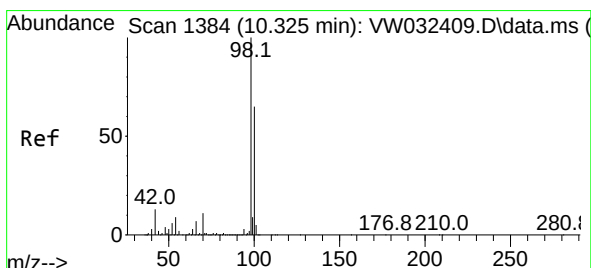
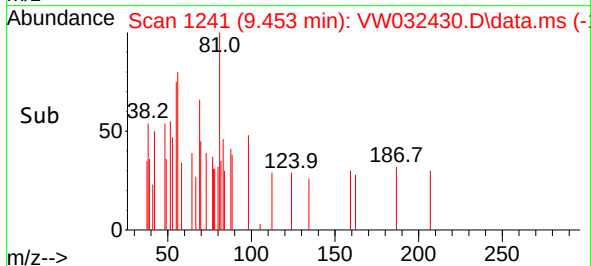
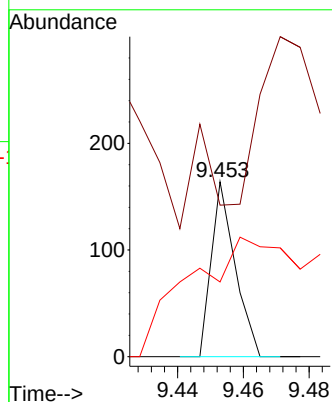
Tgt Ion: 88 Resp: 82

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 396.3 63.0 94.4#



#50

Toluene-d8

Concen: 56.213 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032430.D

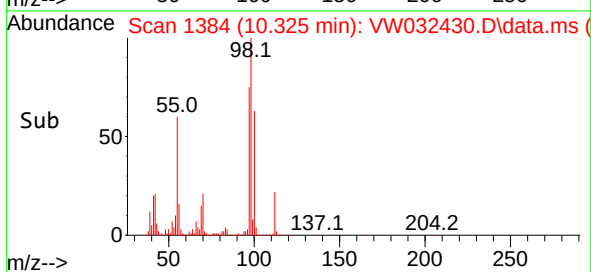
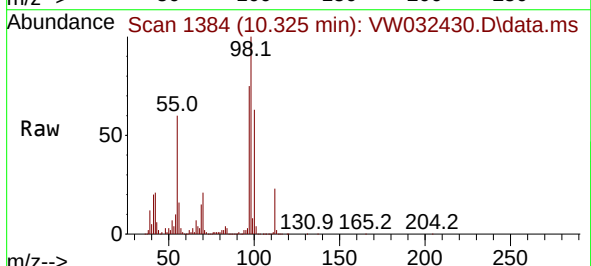
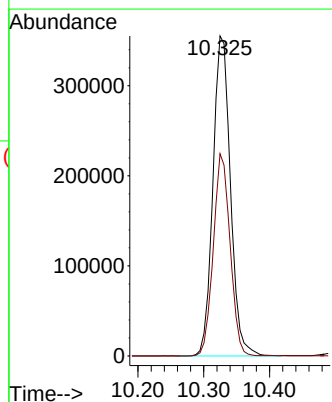
Acq: 11 Nov 2025 14:59

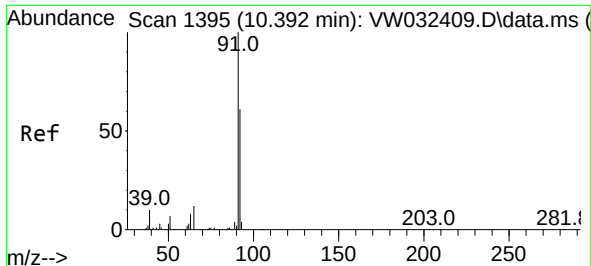
Tgt Ion: 98 Resp: 658833

Ion Ratio Lower Upper

98 100

100 60.5 53.3 79.9

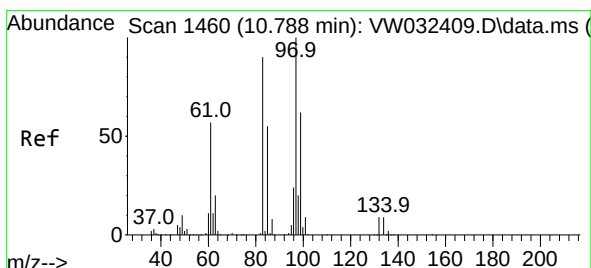
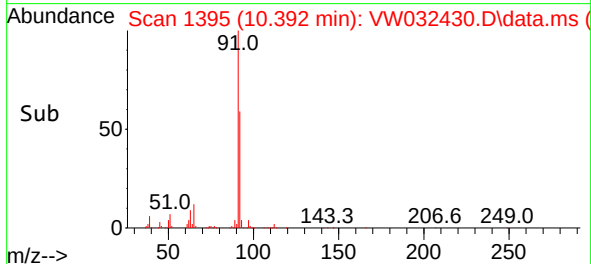
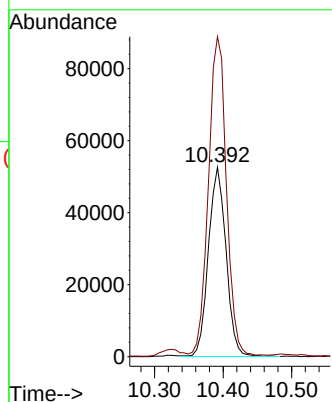
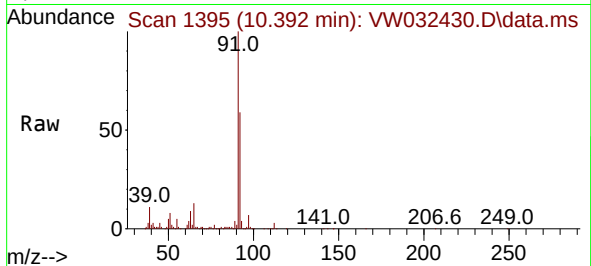




#52  
Toluene  
Concen: 10.512 ug/l  
RT: 10.392 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

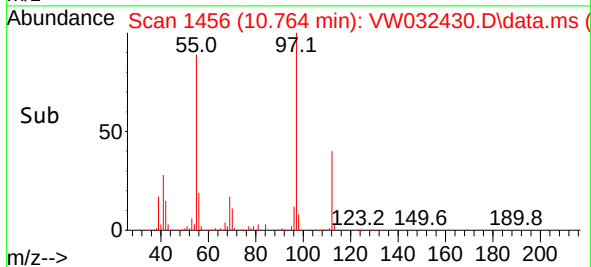
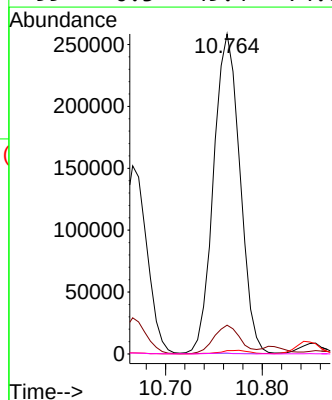
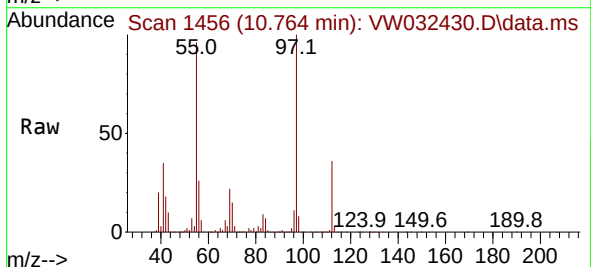
Instrument :  
MSVOA\_W  
ClientSampleId :

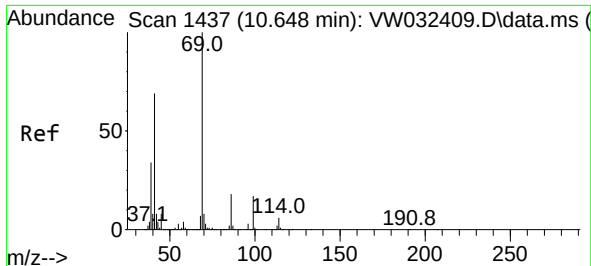
Tgt Ion: 92 Resp: 94123  
Ion Ratio Lower Upper  
92 100  
91 171.6 136.6 205.0



#55  
1,1,2-Trichloroethane  
Concen: 168.548 ug/l  
RT: 10.764 min Scan# 1456  
Delta R.T. -0.024 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

Tgt Ion: 97 Resp: 487711  
Ion Ratio Lower Upper  
97 100  
83 8.9 72.2 108.4#  
85 1.0 43.8 65.8#  
99 0.3 49.4 74.0#

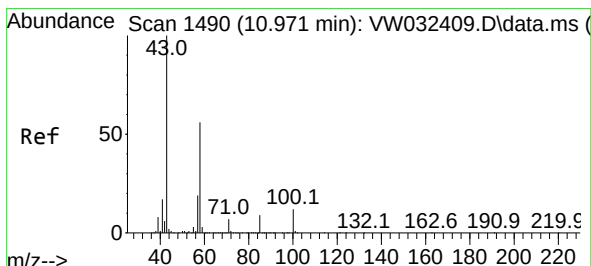
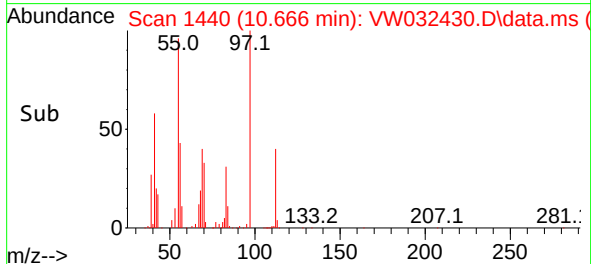
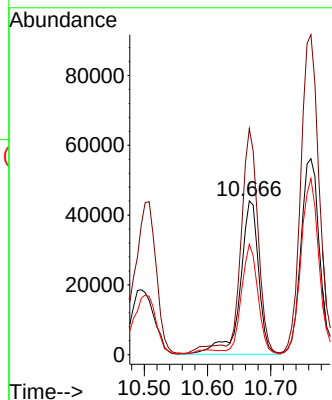
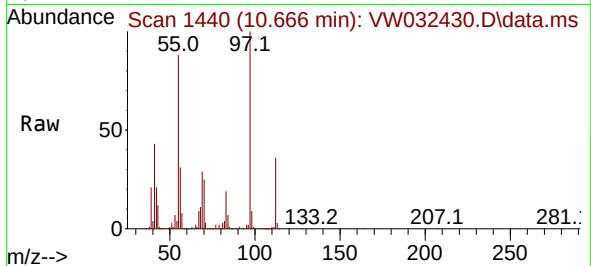




#56  
Ethyl methacrylate  
Concen: 20.108 ug/l  
RT: 10.666 min Scan# 1440  
Delta R.T. 0.018 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

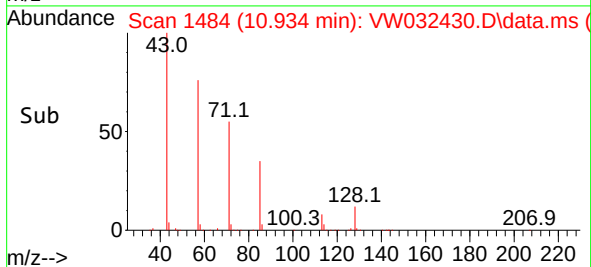
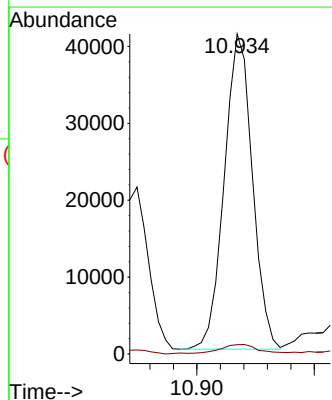
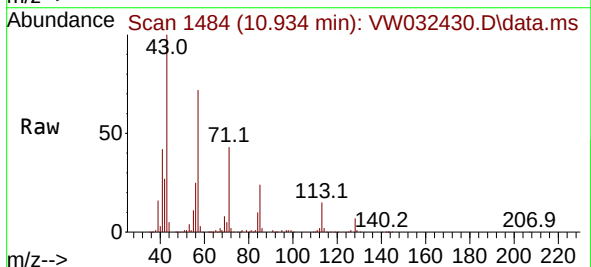
Instrument :  
MSVOA\_W  
ClientSampleId :

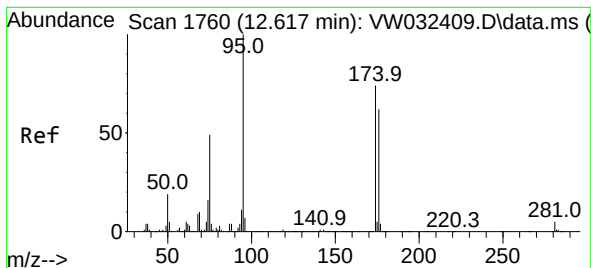
Tgt Ion: 69 Resp: 89275  
Ion Ratio Lower Upper  
69 100  
41 137.9 54.4 81.6#  
39 63.6 25.4 38.0#



#59  
2-Hexanone  
Concen: 28.403 ug/l  
RT: 10.934 min Scan# 1484  
Delta R.T. -0.036 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

Tgt Ion: 43 Resp: 68087  
Ion Ratio Lower Upper  
43 100  
58 4.4 27.4 82.2#

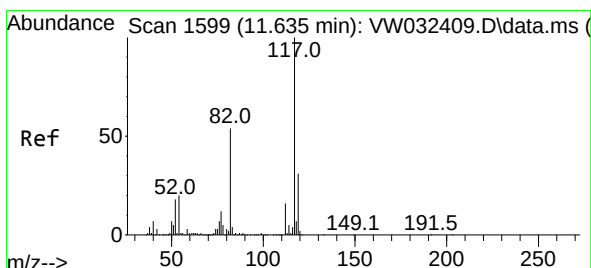
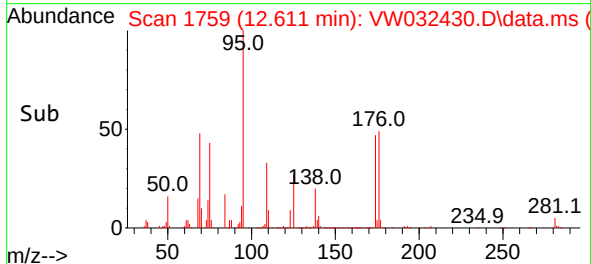
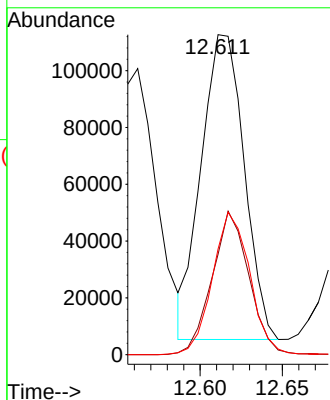
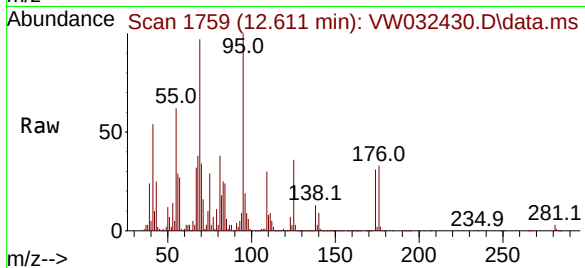




#62  
4-Bromofluorobenzene  
Concen: 44.048 ug/l  
RT: 12.611 min Scan# 1759  
Delta R.T. -0.006 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

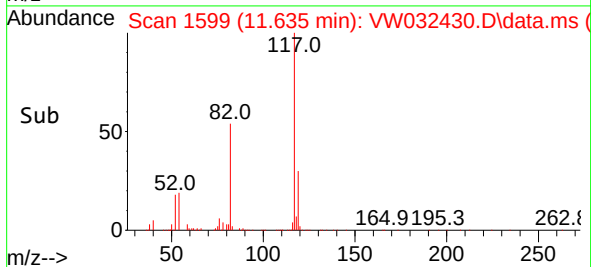
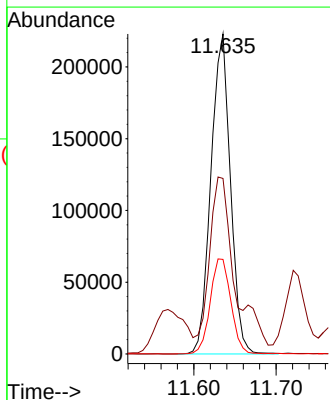
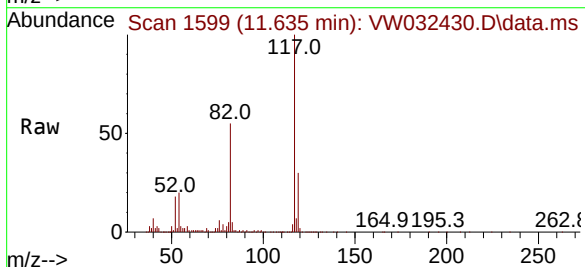
Instrument :  
MSVOA\_W  
ClientSampleId :

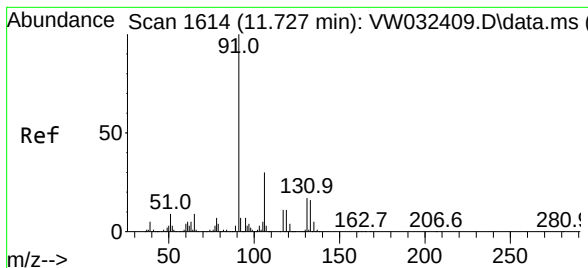
Tgt Ion: 95 Resp: 195024  
Ion Ratio Lower Upper  
95 100  
174 40.6 0.0 135.4  
176 41.0 0.0 131.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.635 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

Tgt Ion:117 Resp: 367370  
Ion Ratio Lower Upper  
117 100  
82 49.2 43.0 64.4  
119 29.5 25.0 37.6





#67

Ethyl Benzene

Concen: 51.707 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032430.D

Acq: 11 Nov 2025 14:59

Instrument :

MSVOA\_W

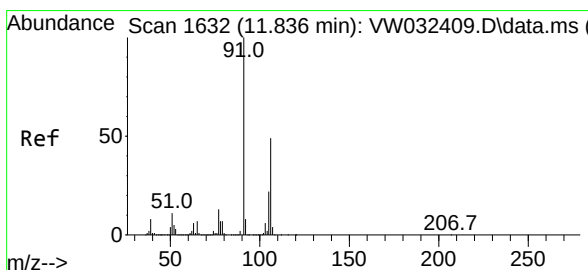
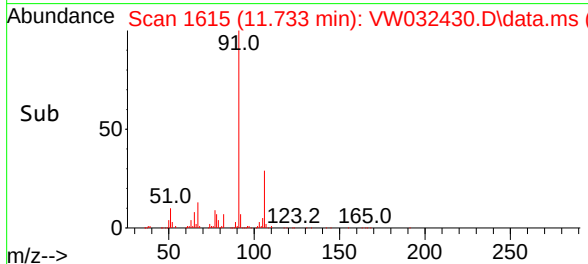
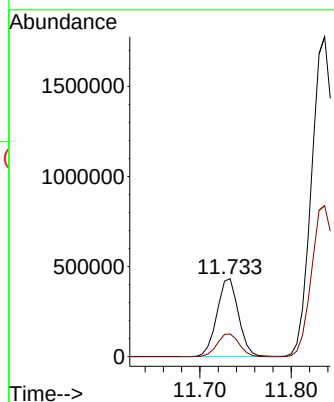
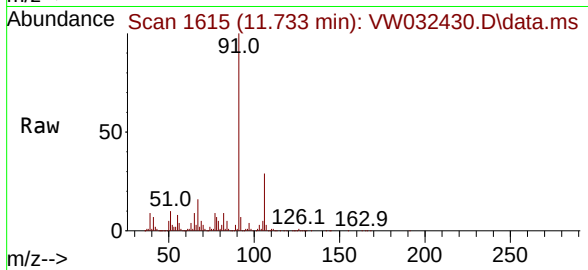
ClientSampleId :

Tgt Ion: 91 Resp: 708418

Ion Ratio Lower Upper

91 100

106 29.0 24.2 36.2



#68

m/p-Xylenes

Concen: 297.829 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032430.D

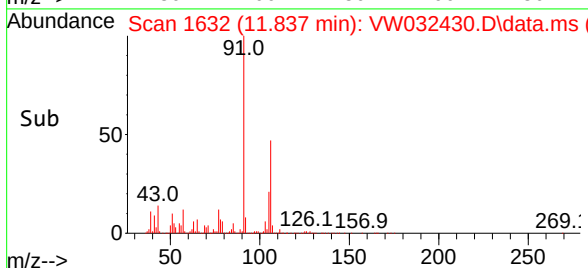
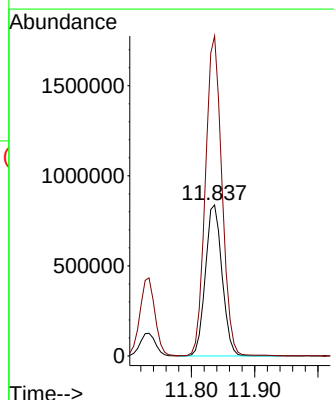
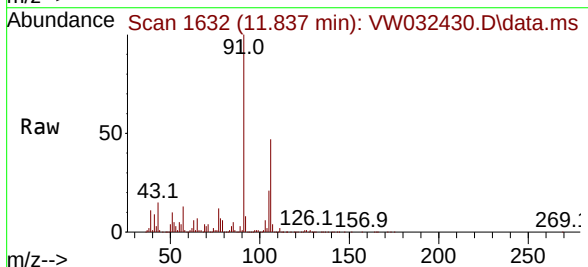
Acq: 11 Nov 2025 14:59

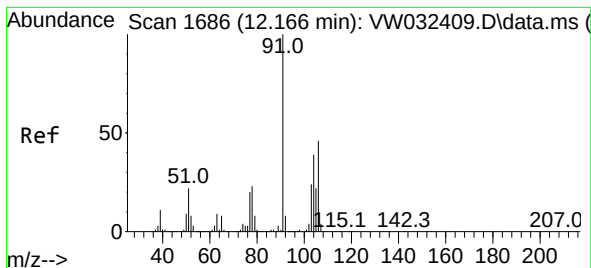
Tgt Ion:106 Resp: 1532050

Ion Ratio Lower Upper

106 100

91 210.2 165.5 248.3

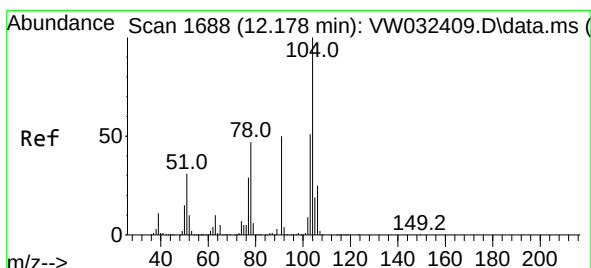
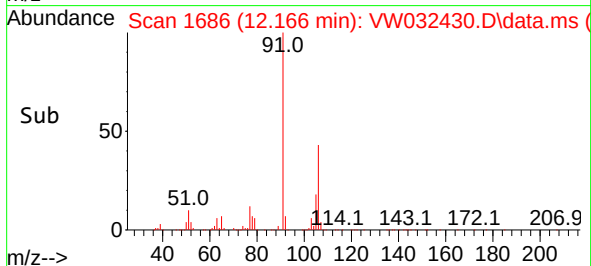
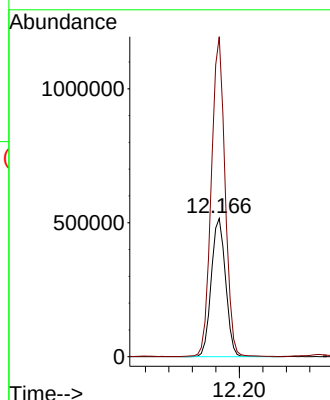
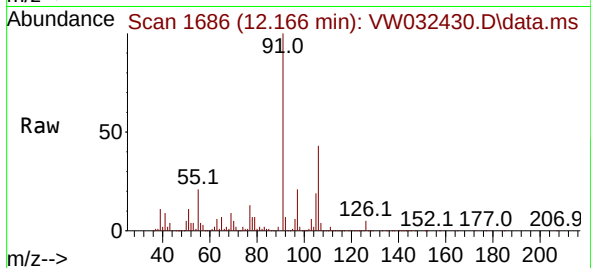




#69  
o-Xylene  
Concen: 176.534 ug/l  
RT: 12.166 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

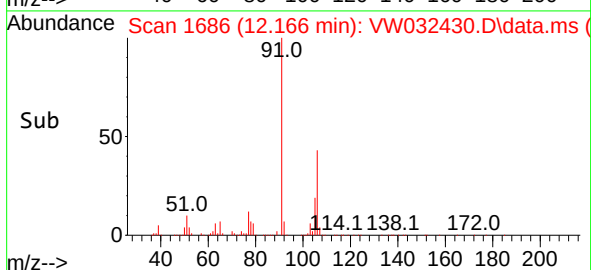
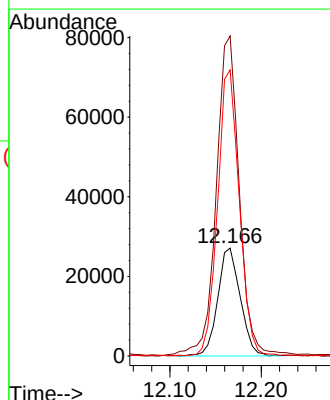
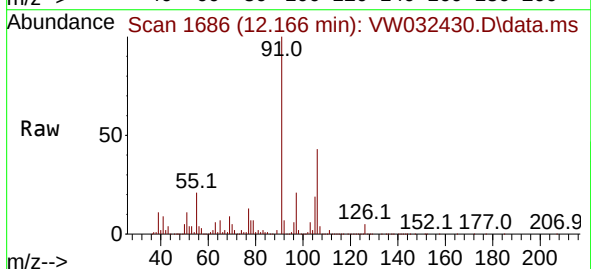
Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion:106 Resp: 869502  
Ion Ratio Lower Upper  
106 100  
91 223.3 109.3 327.8

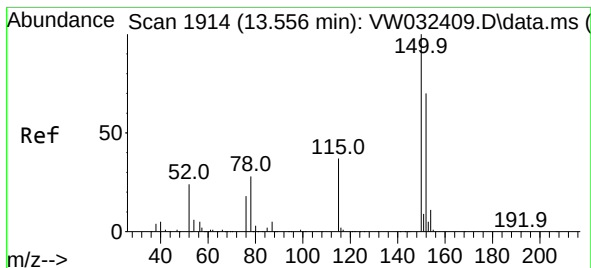


#70  
Styrene  
Concen: 5.480 ug/l  
RT: 12.166 min Scan# 1686  
Delta R.T. -0.012 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

Tgt Ion:104 Resp: 46428  
Ion Ratio Lower Upper  
104 100  
78 301.6 40.7 61.1#  
103 256.9 43.9 65.9#

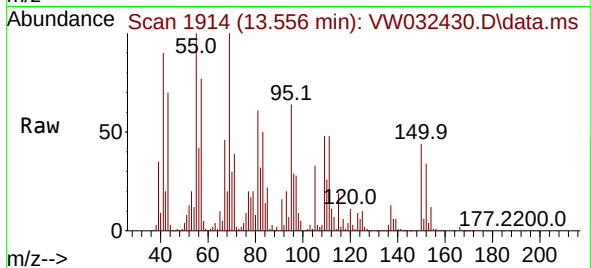




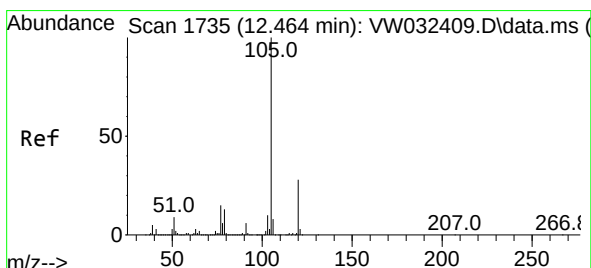
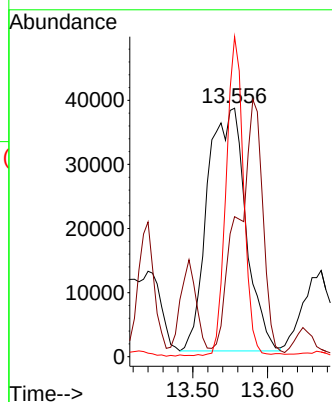
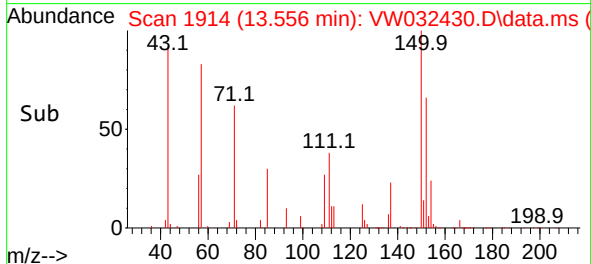


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.556 min Scan# 1914  
Delta R.T. 0.000 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

Instrument :  
MSVOA\_W  
ClientSampleId :

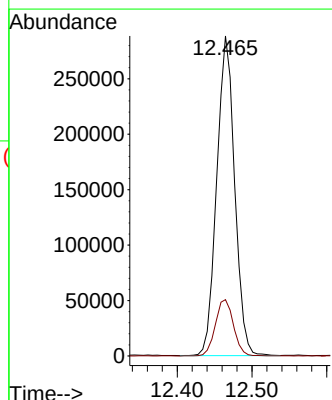
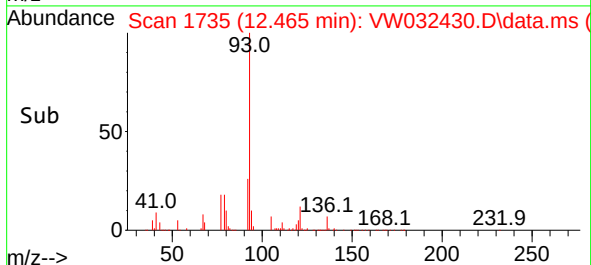
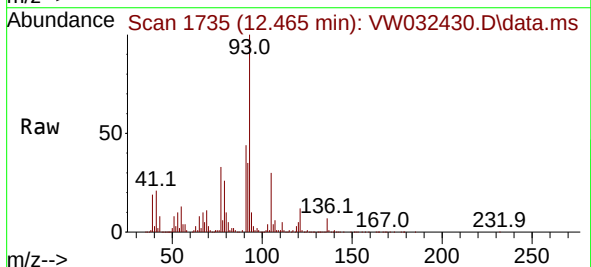


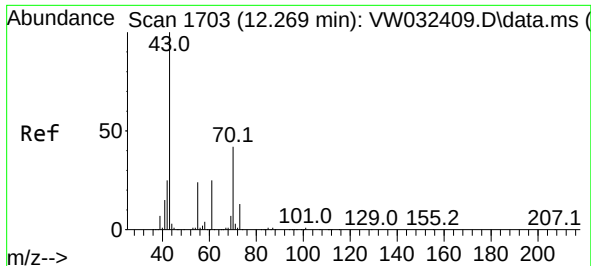
Tgt Ion:152 Resp: 134909  
Ion Ratio Lower Upper  
152 100  
115 0.0 32.8 98.3#  
150 59.7 0.0 356.6



#73  
Isopropylbenzene  
Concen: 48.527 ug/l  
RT: 12.465 min Scan# 1735  
Delta R.T. 0.000 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

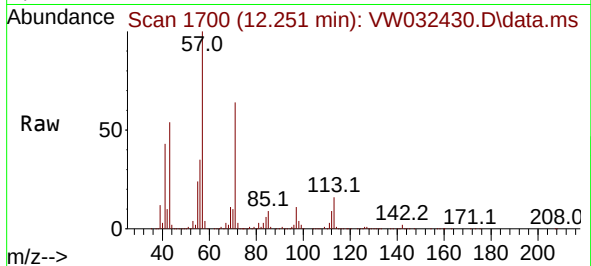
Tgt Ion:105 Resp: 480816  
Ion Ratio Lower Upper  
105 100  
120 17.8 13.2 39.5



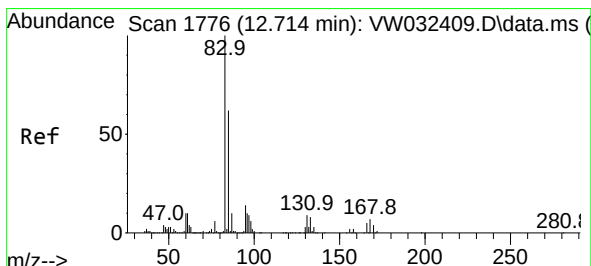
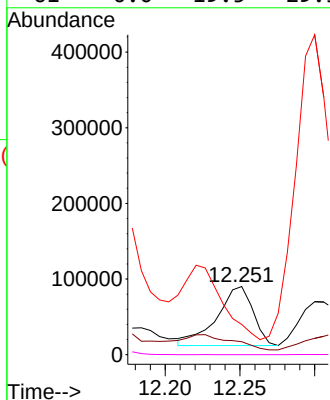
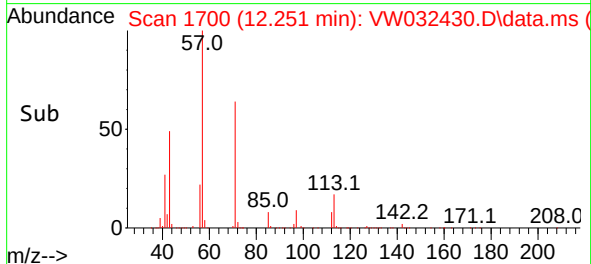


#74  
N-amy1 acetate  
Concen: 38.206 ug/l  
RT: 12.251 min Scan# 1  
Delta R.T. -0.018 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

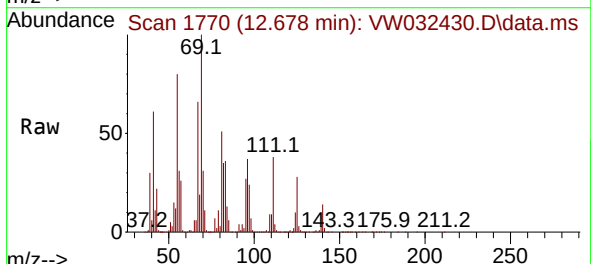
Instrument :  
MSVOA\_W  
ClientSampleId :



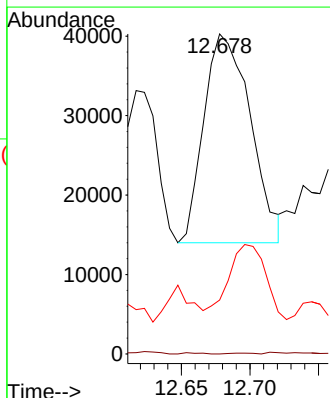
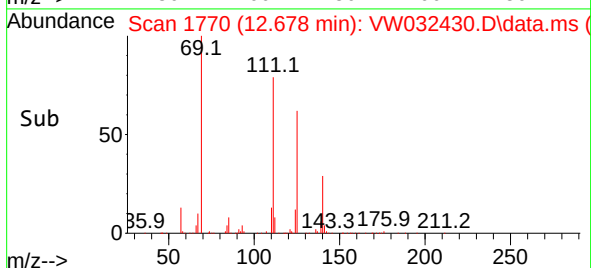
Tgt Ion: 43 Resp: 131544  
Ion Ratio Lower Upper  
43 100  
70 0.0 33.5 50.3#  
55 0.0 19.3 28.9#  
61 0.0 19.5 29.3#

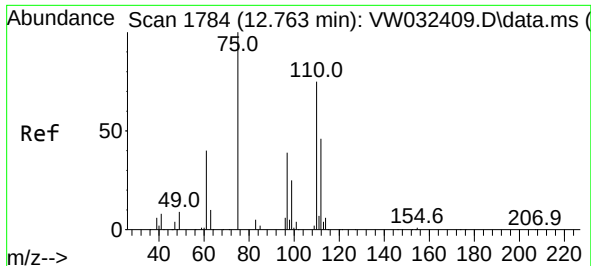


#75  
1,1,2,2-Tetrachloroethane  
Concen: 26.391 ug/l  
RT: 12.678 min Scan# 1770  
Delta R.T. -0.036 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59



Tgt Ion: 83 Resp: 62057  
Ion Ratio Lower Upper  
83 100  
131 0.2 5.0 14.9#  
85 29.3 31.6 94.8#

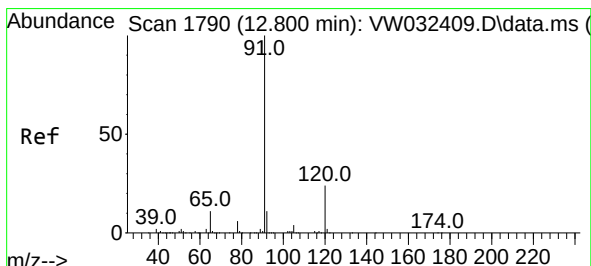
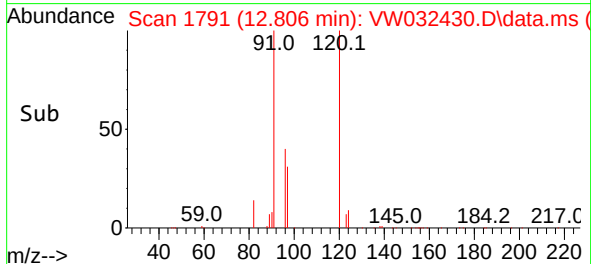
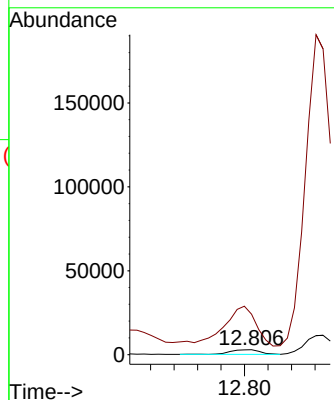
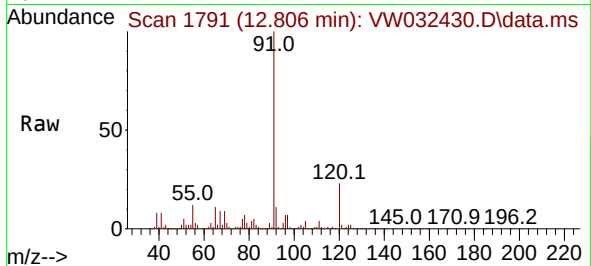




#76  
1,2,3-Trichloropropane  
Concen: 2.598 ug/l  
RT: 12.806 min Scan# 1791  
Delta R.T. 0.043 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

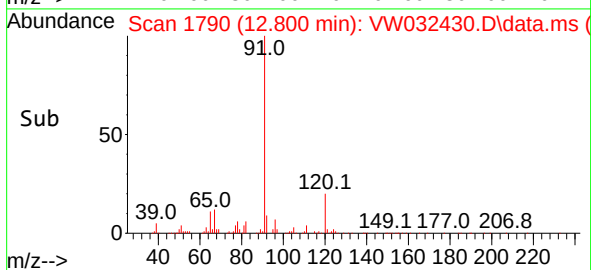
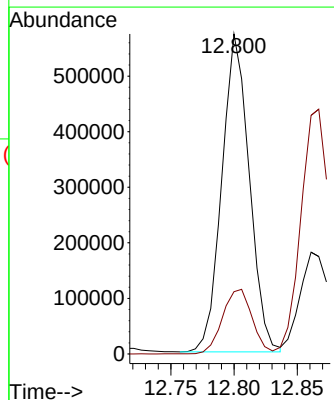
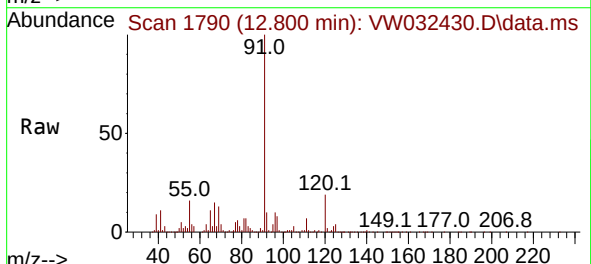
Instrument :  
MSVOA\_W  
ClientSampleId :

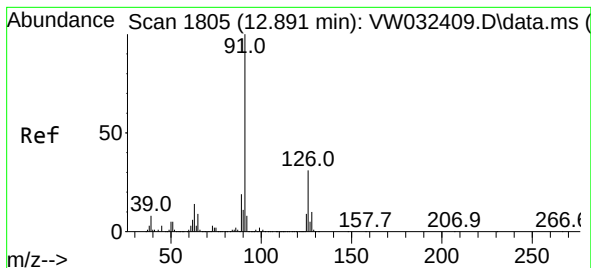
Tgt Ion: 75 Resp: 4806  
Ion Ratio Lower Upper  
75 100  
77 912.3 151.6 454.8#



#78  
n-propylbenzene  
Concen: 71.632 ug/l  
RT: 12.800 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

Tgt Ion: 91 Resp: 864329  
Ion Ratio Lower Upper  
91 100  
120 21.9 11.3 33.9

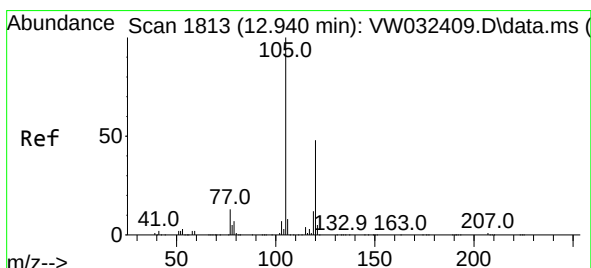
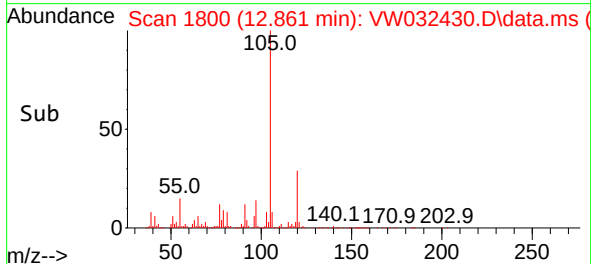
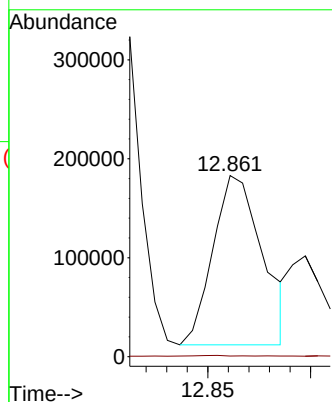
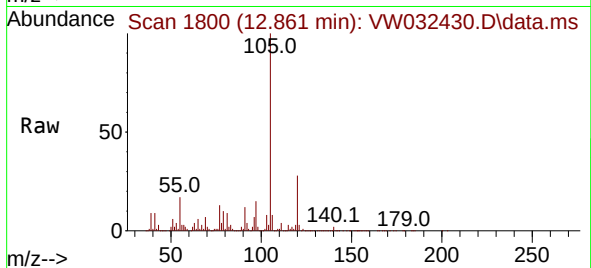




#79  
2-Chlorotoluene  
Concen: 38.823 ug/l  
RT: 12.861 min Scan# 1800  
Delta R.T. -0.030 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

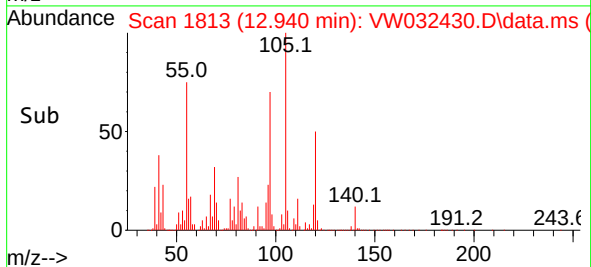
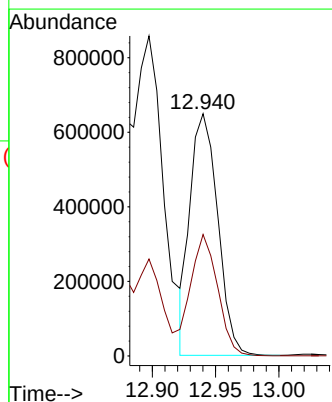
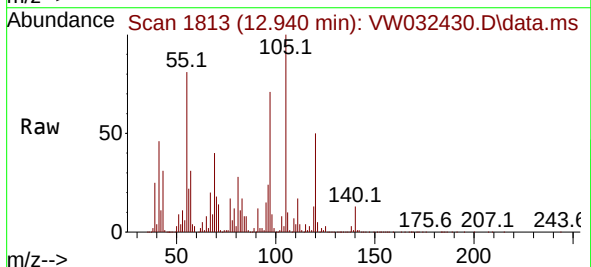
Instrument :  
MSVOA\_W  
ClientSampleId :

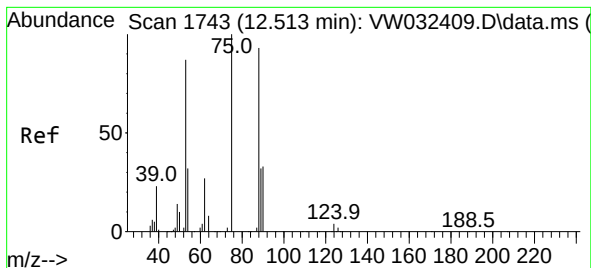
Tgt Ion: 91 Resp: 285970  
Ion Ratio Lower Upper  
91 100  
126 0.3 16.1 48.2#



#80  
1,3,5-Trimethylbenzene  
Concen: 120.444 ug/l  
RT: 12.940 min Scan# 1813  
Delta R.T. 0.000 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

Tgt Ion: 105 Resp: 984542  
Ion Ratio Lower Upper  
105 100  
120 50.4 24.2 72.6

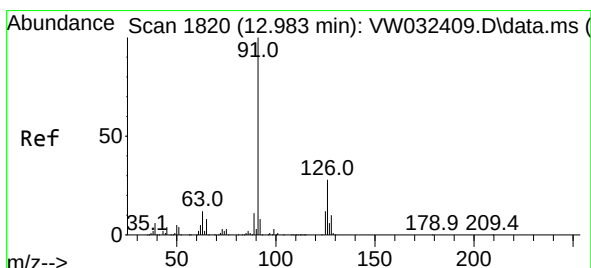
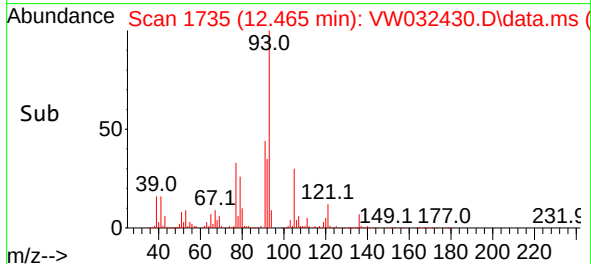
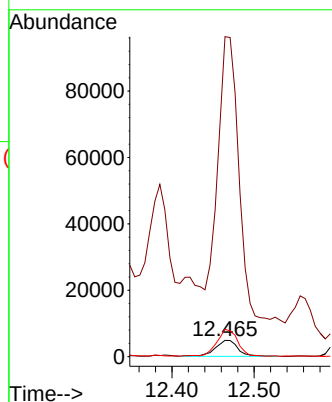
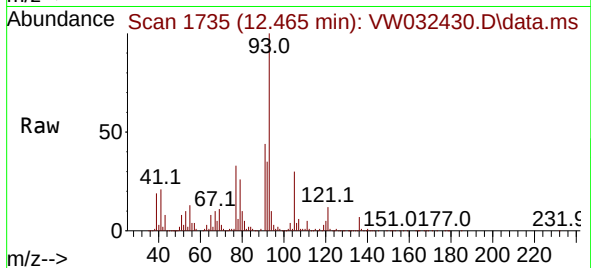




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 11.453 ug/l  
 RT: 12.465 min Scan# 1  
 Delta R.T. -0.049 min  
 Lab File: VW032430.D  
 Acq: 11 Nov 2025 14:59

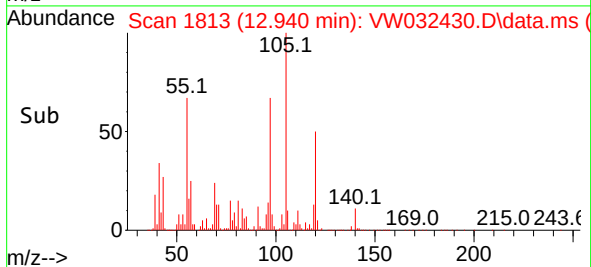
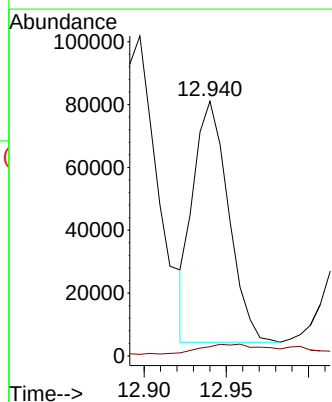
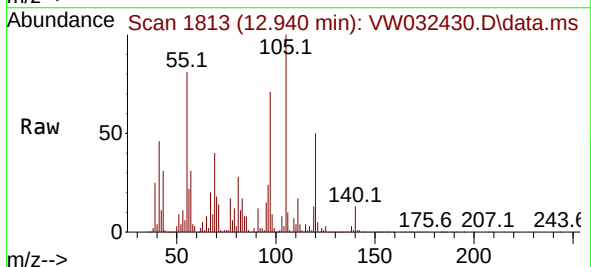
Instrument :  
 MSVOA\_W  
 ClientSampleId :

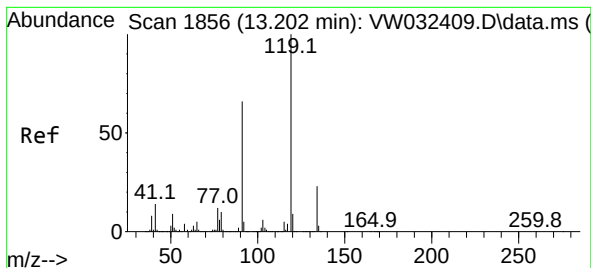
Tgt Ion: 75 Resp: 9250  
 Ion Ratio Lower Upper  
 75 100  
 53 1673.1 77.8 116.8#  
 89 152.8 35.6 53.4#



#82  
 4-Chlorotoluene  
 Concen: 14.902 ug/l  
 RT: 12.940 min Scan# 1813  
 Delta R.T. -0.043 min  
 Lab File: VW032430.D  
 Acq: 11 Nov 2025 14:59

Tgt Ion: 91 Resp: 114171  
 Ion Ratio Lower Upper  
 91 100  
 126 7.8 15.5 46.5#





#83

tert-Butylbenzene

Concen: 2.065 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW032430.D

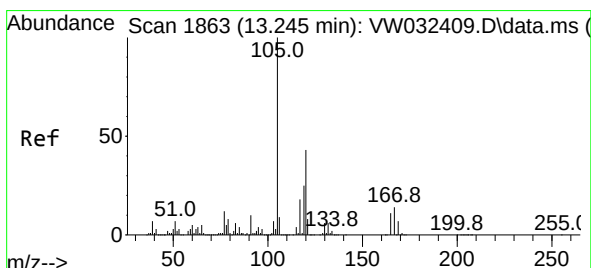
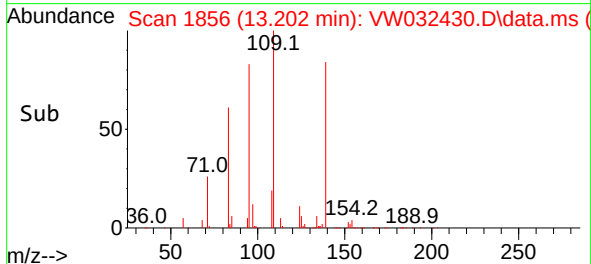
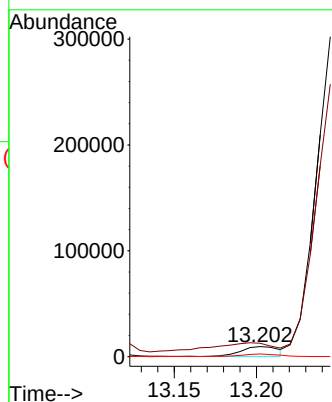
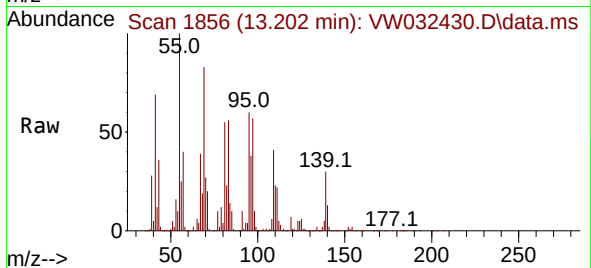
Acq: 11 Nov 2025 14:59

Instrument :

MSVOA\_W

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 14686 |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 91       | 146.8 | 33.3  | 99.9# |
| 134      | 26.3  | 12.2  | 36.4  |



#84

1,2,4-Trimethylbenzene

Concen: 464.305 ug/l

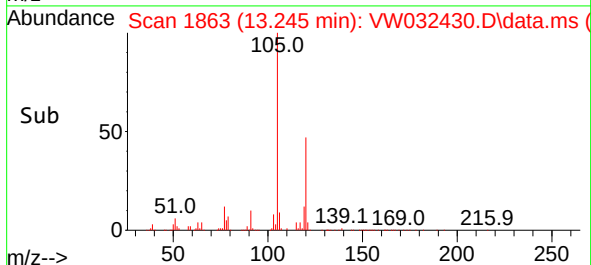
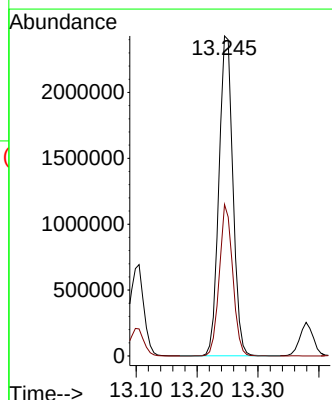
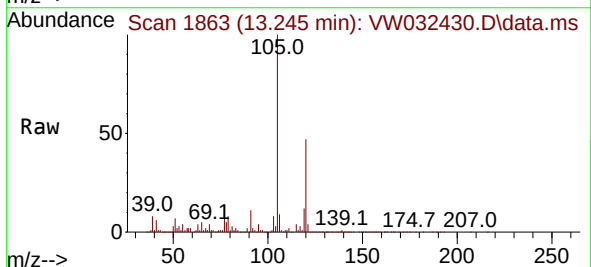
RT: 13.245 min Scan# 1863

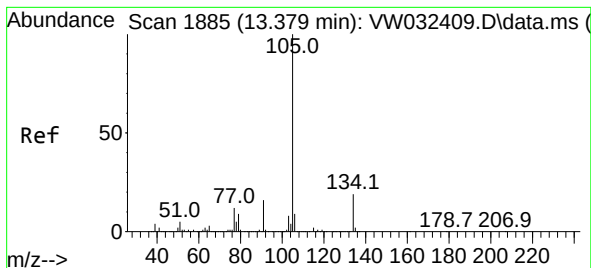
Delta R.T. 0.000 min

Lab File: VW032430.D

Acq: 11 Nov 2025 14:59

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 105   | Resp: | 3860286 |
| Ion      | Ratio | Lower | Upper   |
| 105      | 100   |       |         |
| 120      | 45.3  | 22.1  | 66.5    |





#85

sec-Butylbenzene

Concen: 36.379 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032430.D

Acq: 11 Nov 2025 14:59

Instrument :

MSVOA\_W

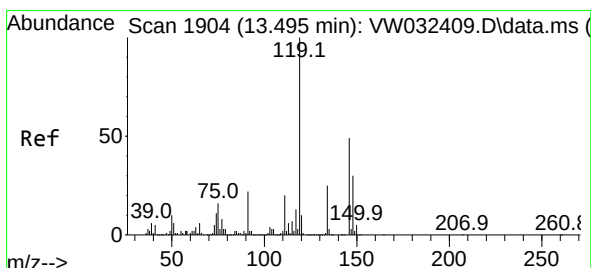
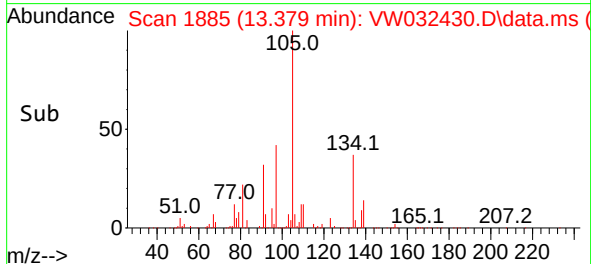
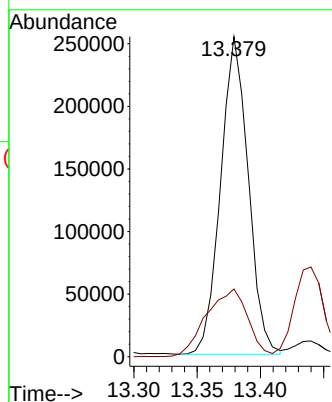
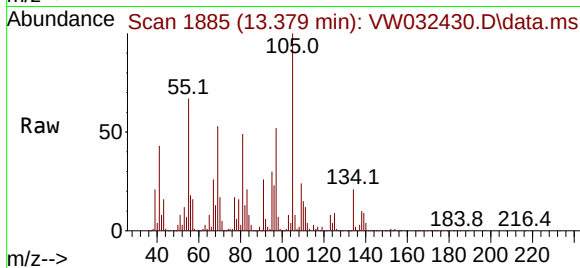
ClientSampleId :

Tgt Ion:105 Resp: 385261

Ion Ratio Lower Upper

105 100

134 32.0 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 35.202 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032430.D

Acq: 11 Nov 2025 14:59

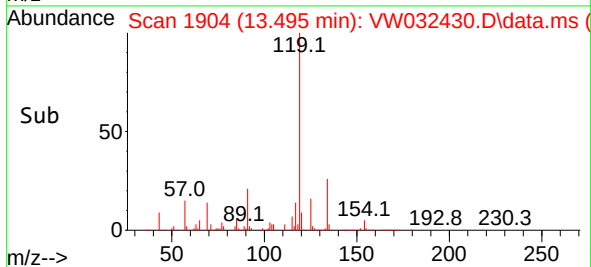
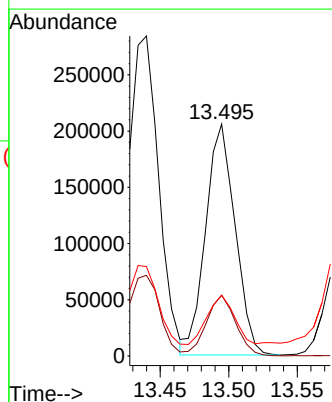
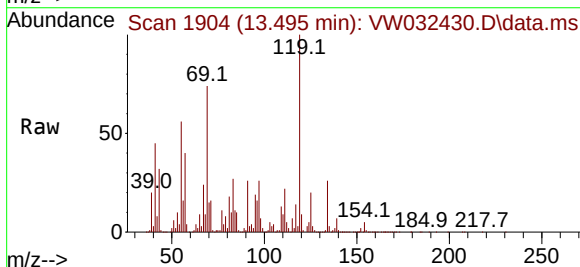
Tgt Ion:119 Resp: 307802

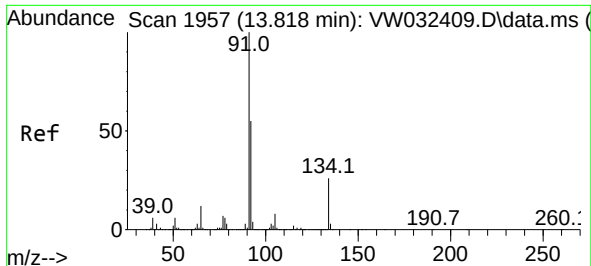
Ion Ratio Lower Upper

119 100

134 26.1 12.7 38.1

91 19.4 11.9 35.5

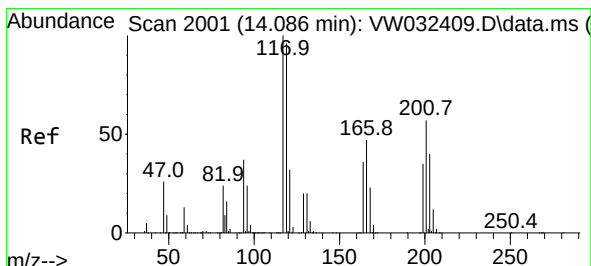
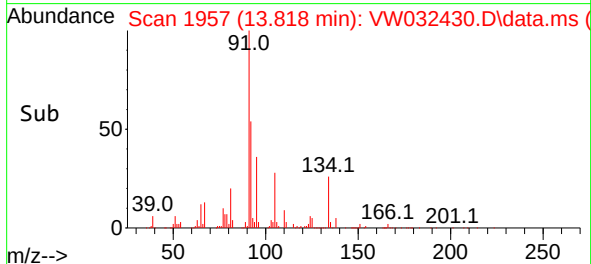
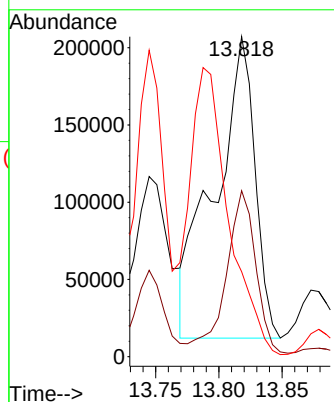
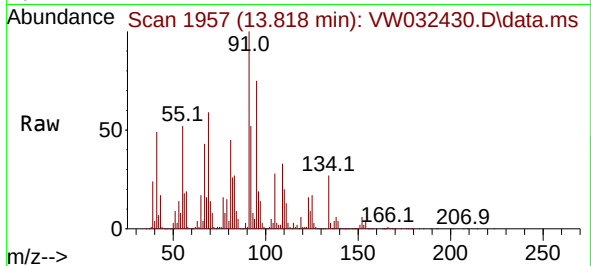




#89  
n-Butylbenzene  
Concen: 50.627 ug/l  
RT: 13.818 min Scan# 1957  
Delta R.T. 0.000 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

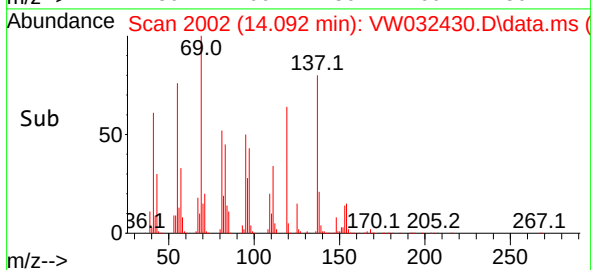
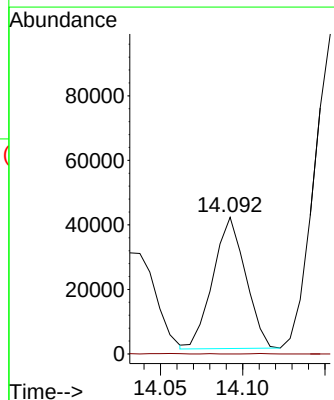
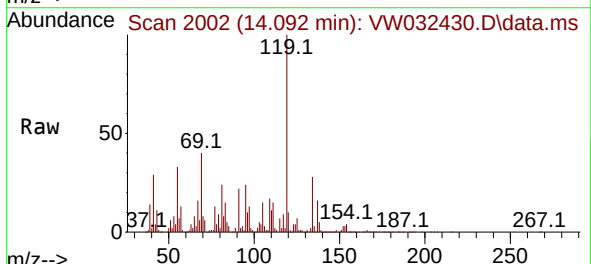
Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 91 Resp: 432477  
Ion Ratio Lower Upper  
91 100  
92 40.0 27.4 82.2  
134 0.0 12.4 37.4#

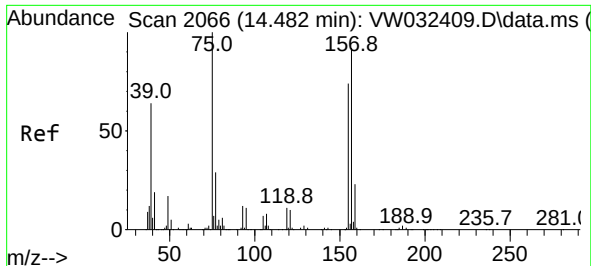


#90  
Hexachloroethane  
Concen: 35.697 ug/l  
RT: 14.092 min Scan# 2002  
Delta R.T. 0.006 min  
Lab File: VW032430.D  
Acq: 11 Nov 2025 14:59

Tgt Ion: 117 Resp: 56277  
Ion Ratio Lower Upper  
117 100  
201 0.1 32.0 96.0#







#92

1,2-Dibromo-3-Chloropropane

Concen: 5.347 ug/l

RT: 14.495 min Scan# 2066

Delta R.T. 0.012 min

Lab File: VW032430.D

Acq: 11 Nov 2025 14:59

Instrument :

MSVOA\_W

ClientSampleId :

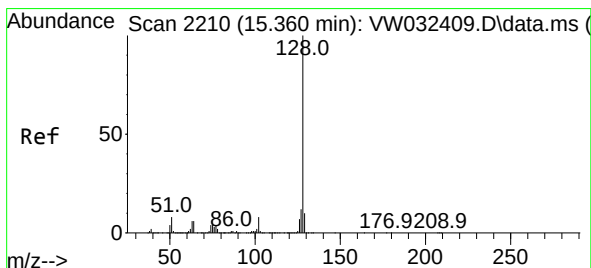
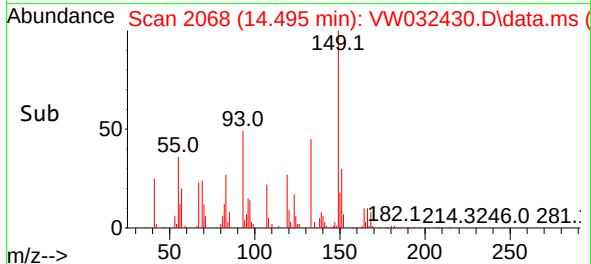
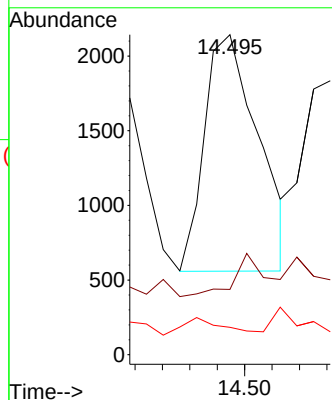
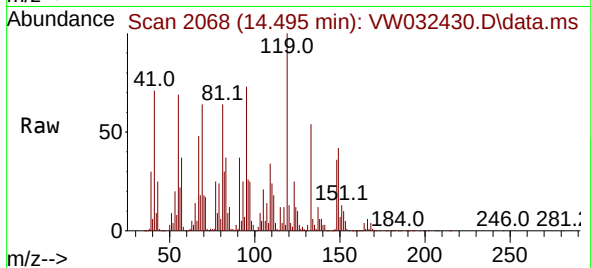
Tgt Ion: 75 Resp: 2166

Ion Ratio Lower Upper

75 100

155 17.9 36.2 108.6#

157 13.5 47.8 143.3#



#95

Naphthalene

Concen: 7.867 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032430.D

Acq: 11 Nov 2025 14:59

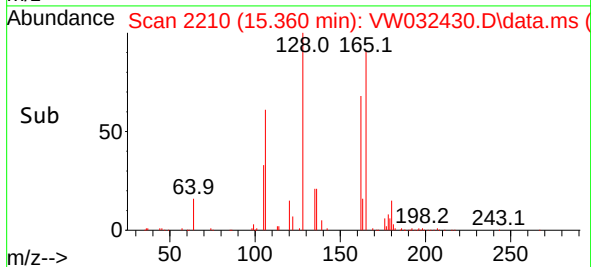
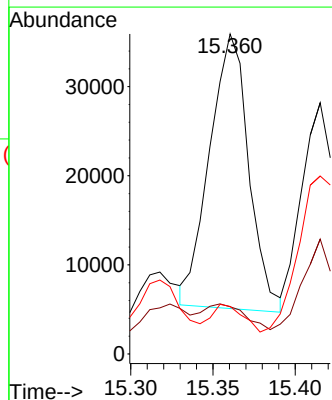
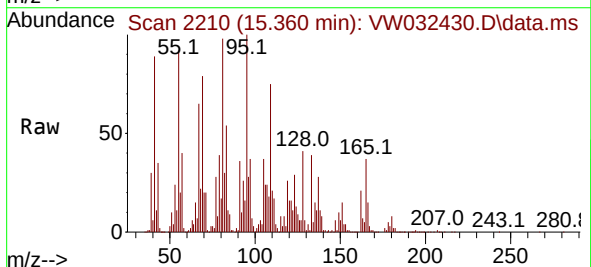
Tgt Ion: 128 Resp: 50971

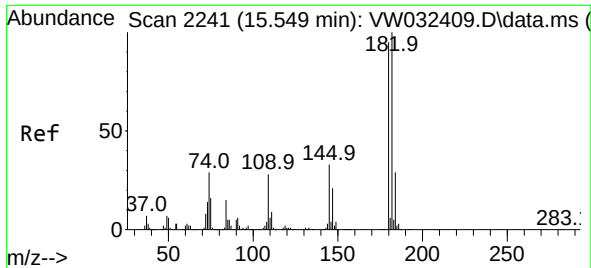
Ion Ratio Lower Upper

128 100

127 8.6 10.2 15.4#

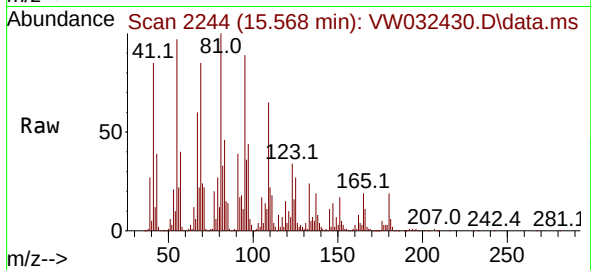
129 7.8 8.6 12.8#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 11.415 ug/l  
 RT: 15.568 min Scan# 21  
 Delta R.T. 0.018 min  
 Lab File: VW032430.D  
 Acq: 11 Nov 2025 14:59

Instrument :  
 MSVOA\_W  
 ClientSampleId :



Tgt Ion:180 Resp: 26927  
 Ion Ratio Lower Upper  
 180 100  
 182 0.0 50.3 151.0#  
 145 0.0 17.8 53.3#

