

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122624\  
 Data File : VW031529.D  
 Acq On : 26 Dec 2024 15:24  
 Operator : SY/MD  
 Sample : P5322-16  
 Misc : 5.32g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YE630

Quant Time: Dec 27 00:25:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 27 00:21:46 2024  
 Response via : Initial Calibration

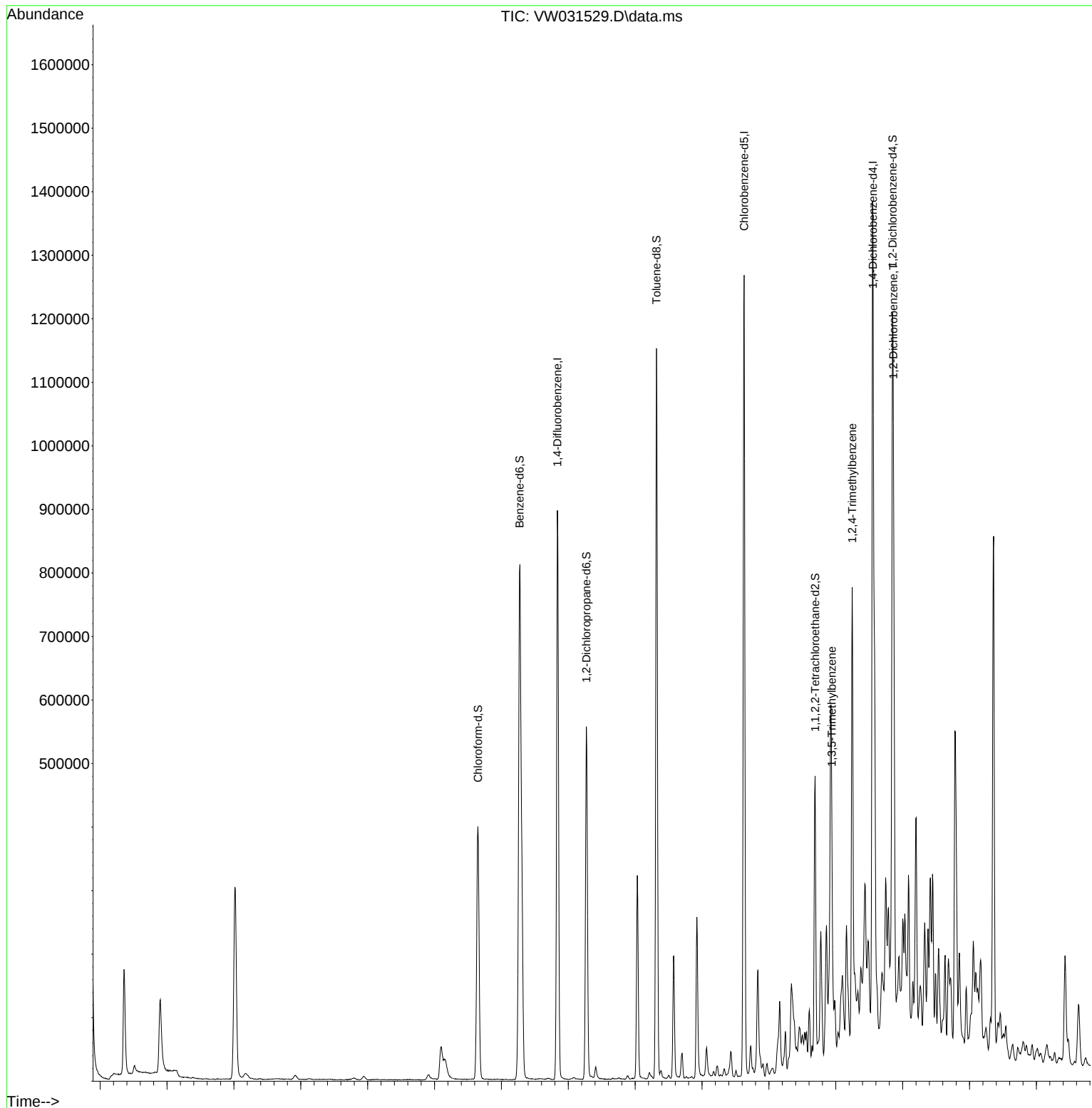
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 748788   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 687671   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 337633   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.357  | 65    | 212141   | 18.830   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 75.320%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 177222   | 21.265   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 85.040%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 96309    | 18.021   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 72.080%  |
| 21) 2-Butanone-d5             | 7.094  | 46    | 105468   | 49.708   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 99.420%  |
| 24) Chloroform-d              | 7.648  | 84    | 412738   | 20.118   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 80.480%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 239003   | 23.196   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 92.800%  |
| 32) Benzene-d6                | 8.270  | 84    | 837609   | 19.004   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 76.000%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 253742   | 19.753   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 79.000%  |
| 41) Toluene-d8                | 10.319 | 98    | 755204   | 18.418   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 73.680%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 104463   | 17.637   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 70.560%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 87297    | 50.533   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 101.060% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 201386   | 24.969   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 99.880%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152   | 255824   | 20.410   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 81.640%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.173  | 43    | 25860    | 8.752    | ug/L   | # 100    |
| 40) 4-Methyl-2-pentanone      | 10.215 | 43    | 6665     | 1.185    | ug/L   | 97       |
| 52) Ethylbenzene              | 11.727 | 91    | 33464    | 0.624    | ug/L   | 99       |
| 53) m,p-Xylene                | 11.831 | 106   | 37163    | 1.820    | ug/L   | 97       |
| 54) o-Xylene                  | 12.160 | 106   | 26151    | 1.359    | ug/L   | 91       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105   | 79368    | 1.694    | ug/L   | 94       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105   | 364138   | 8.043    | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 13.861 | 146   | 60498    | 3.137    | ug/L   | 95       |
| -----                         |        |       |          |          |        |          |

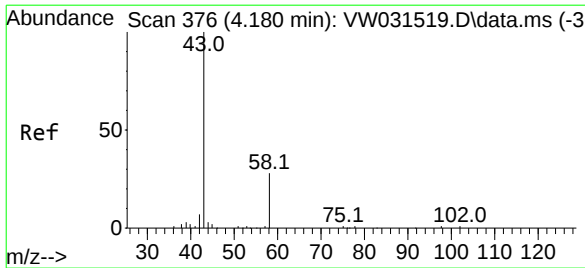
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Fri Dec 27 00:21:46 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 8.752 ug/L

RT: 4.173 min Scan# 37

Delta R.T. -0.006 min

Lab File: VW031529.D

Acq: 26 Dec 2024 15:24

Instrument :

MSVOA\_W

ClientSampleId :

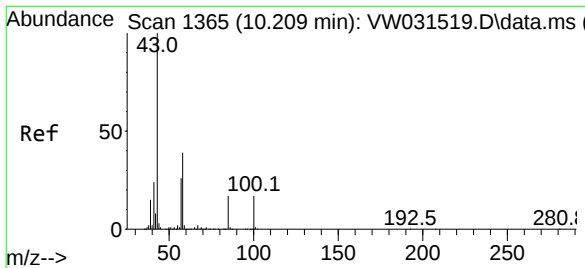
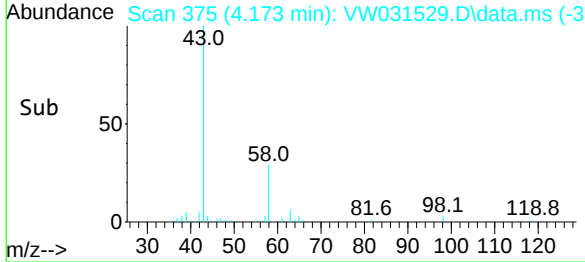
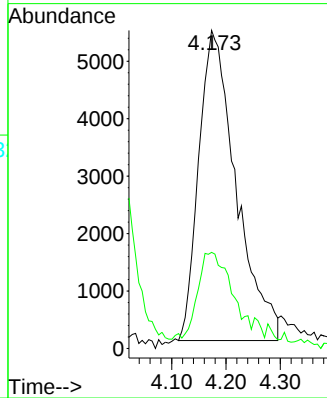
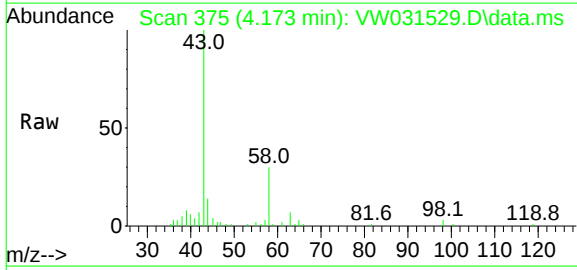
YE630

Tgt Ion: 43 Resp: 25860

Ion Ratio Lower Upper

43 100

58 8.7 0.0 0.0#



#40

4-Methyl-2-pentanone

Concen: 1.185 ug/L

RT: 10.215 min Scan# 1366

Delta R.T. 0.006 min

Lab File: VW031529.D

Acq: 26 Dec 2024 15:24

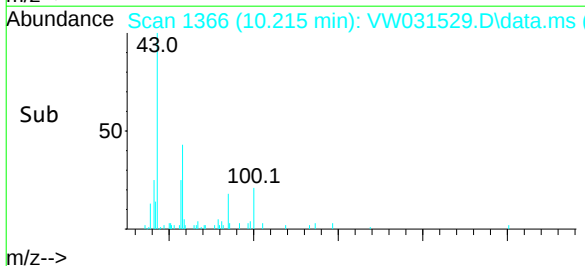
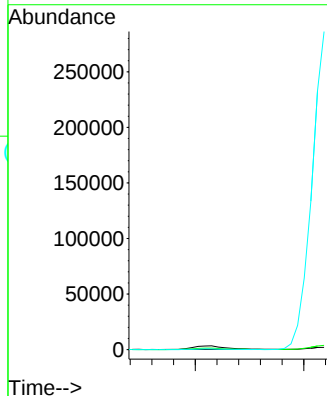
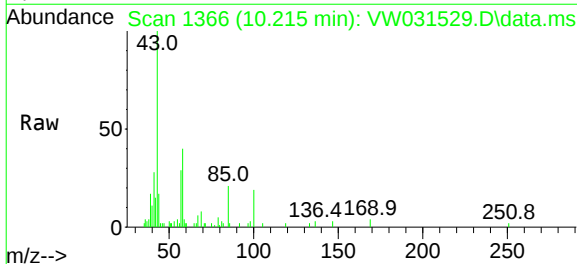
Tgt Ion: 43 Resp: 6665

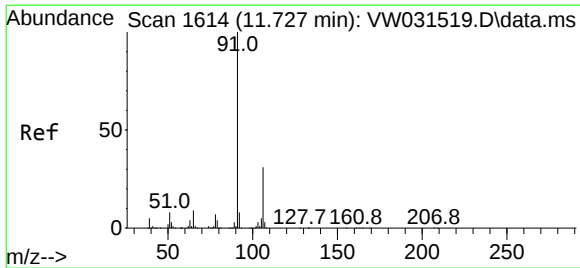
Ion Ratio Lower Upper

43 100

58 40.3 31.1 46.7

100 18.9 13.0 19.6

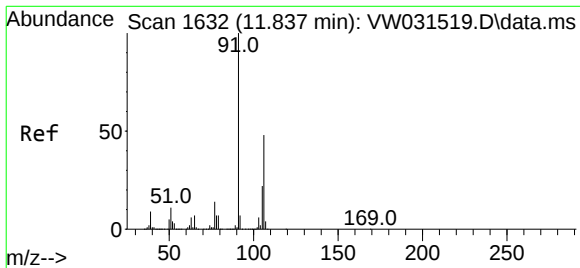
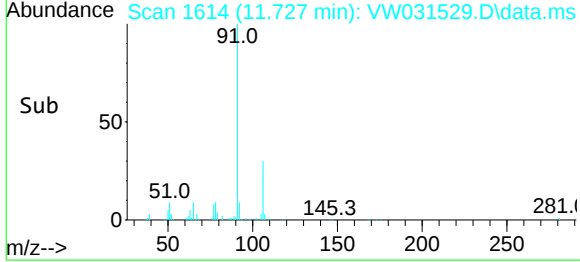
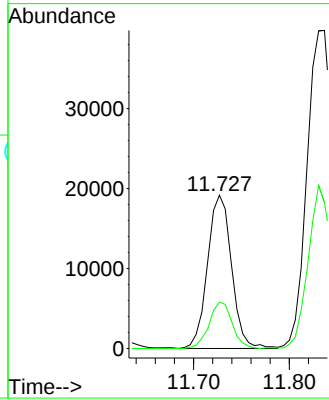
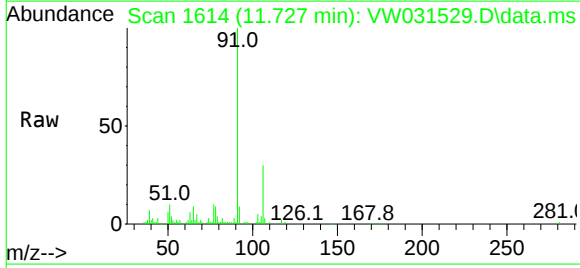




#52  
Ethylbenzene  
Concen: 0.624 ug/L  
RT: 11.727 min Scan# 1614  
Delta R.T. 0.000 min  
Lab File: VW031529.D  
Acq: 26 Dec 2024 15:24

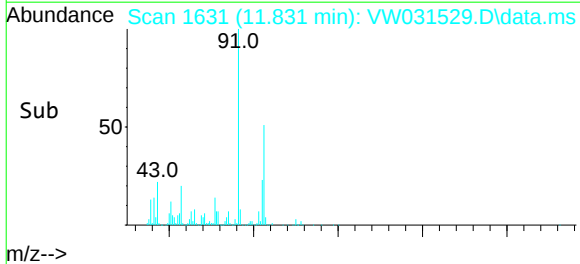
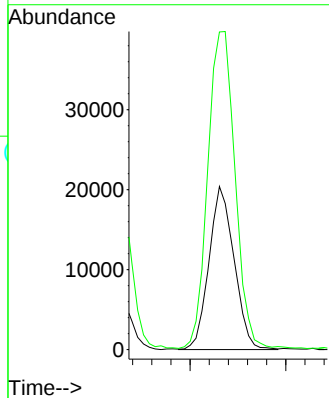
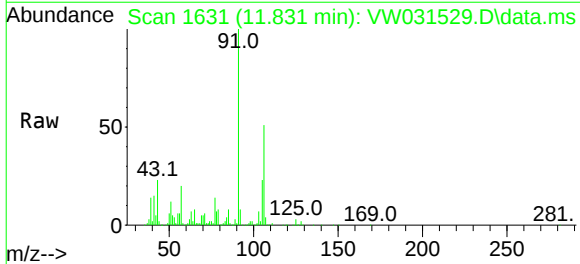
Instrument :  
MSVOA\_W  
ClientSampleId :  
YE630

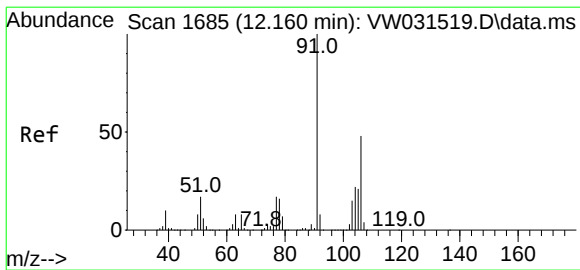
Tgt Ion: 91 Resp: 33464  
Ion Ratio Lower Upper  
91 100  
106 30.3 20.7 38.5



#53  
m,p-Xylene  
Concen: 1.820 ug/L  
RT: 11.831 min Scan# 1631  
Delta R.T. -0.006 min  
Lab File: VW031529.D  
Acq: 26 Dec 2024 15:24

Tgt Ion: 106 Resp: 37163  
Ion Ratio Lower Upper  
106 100  
91 194.7 139.9 259.7





#54

o-Xylene

Concen: 1.359 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW031529.D

Acq: 26 Dec 2024 15:24

Instrument :

MSVOA\_W

ClientSampleId :

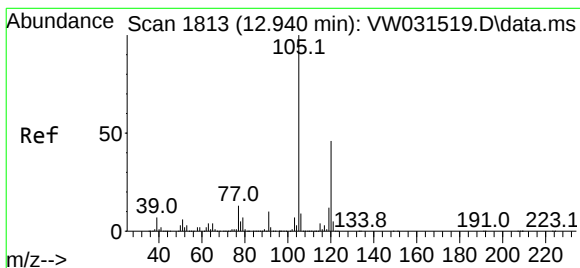
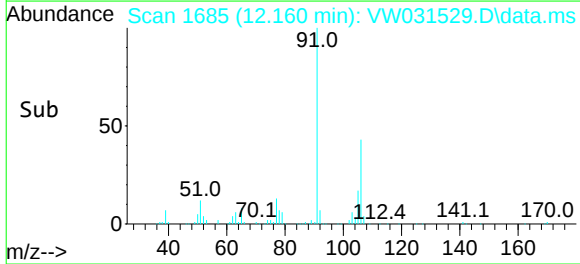
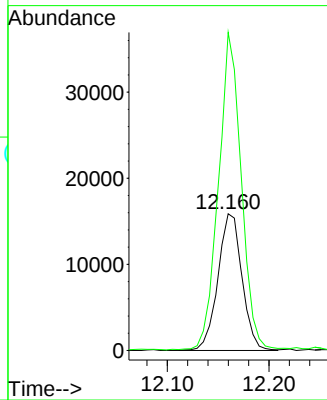
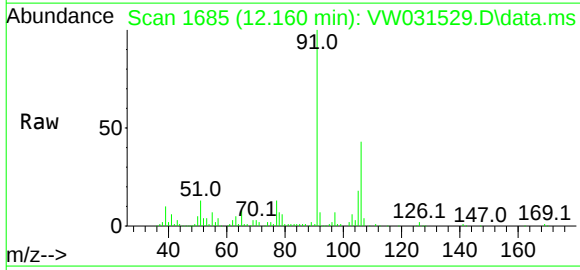
YE630

Tgt Ion:106 Resp: 26151

Ion Ratio Lower Upper

106 100

91 232.7 153.1 284.3



#62

1,3,5-Trimethylbenzene

Concen: 1.694 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031529.D

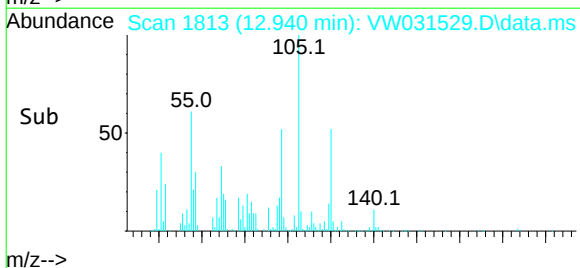
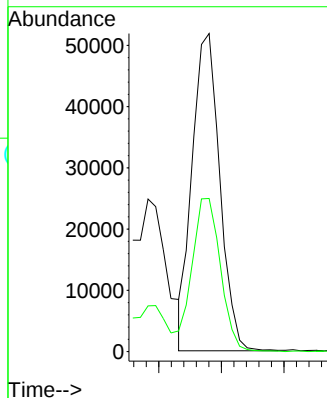
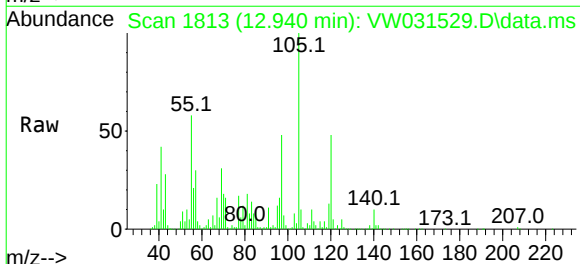
Acq: 26 Dec 2024 15:24

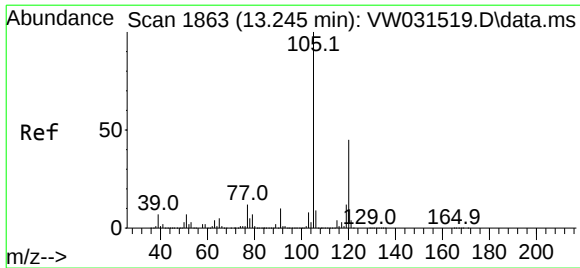
Tgt Ion:105 Resp: 79368

Ion Ratio Lower Upper

105 100

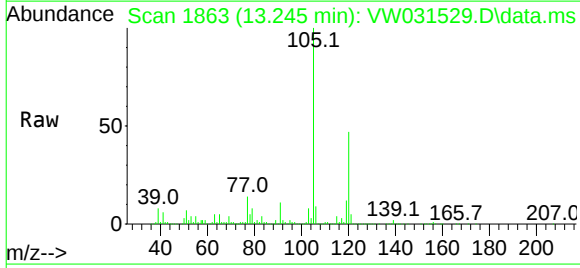
120 50.8 37.3 55.9



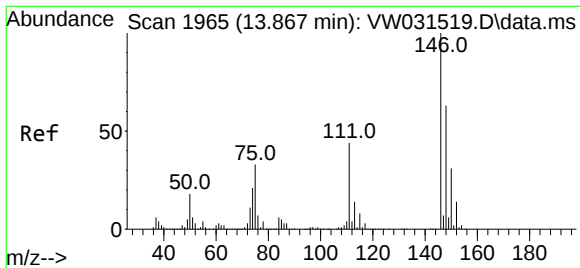
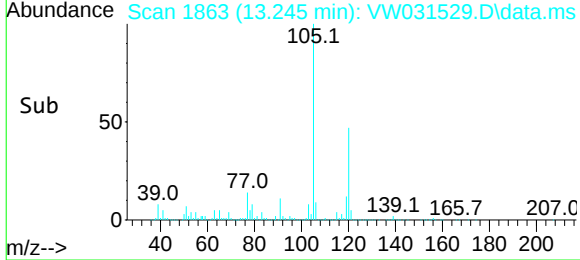
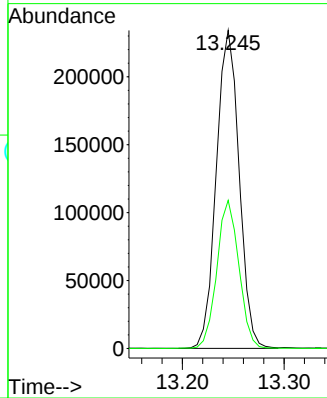


#63  
 1,2,4-Trimethylbenzene  
 Concen: 8.043 ug/L  
 RT: 13.245 min Scan# 1863  
 Delta R.T. 0.000 min  
 Lab File: VW031529.D  
 Acq: 26 Dec 2024 15:24

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YE630



Tgt Ion:105 Resp: 364138  
 Ion Ratio Lower Upper  
 105 100  
 120 45.1 35.0 52.4



#67  
 1,2-Dichlorobenzene  
 Concen: 3.137 ug/L  
 RT: 13.861 min Scan# 1964  
 Delta R.T. -0.006 min  
 Lab File: VW031529.D  
 Acq: 26 Dec 2024 15:24

Tgt Ion:146 Resp: 60498  
 Ion Ratio Lower Upper  
 146 100  
 111 54.3 38.6 58.0  
 148 64.9 53.6 80.4

