

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV091622\  
 Data File : VV027889.D  
 Acq On : 16 Sep 2022 18:27  
 Operator : SY/MD  
 Sample : N4672-01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 16 22:10:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR090622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 16 22:04:36 2022  
 Response via : Initial Calibration

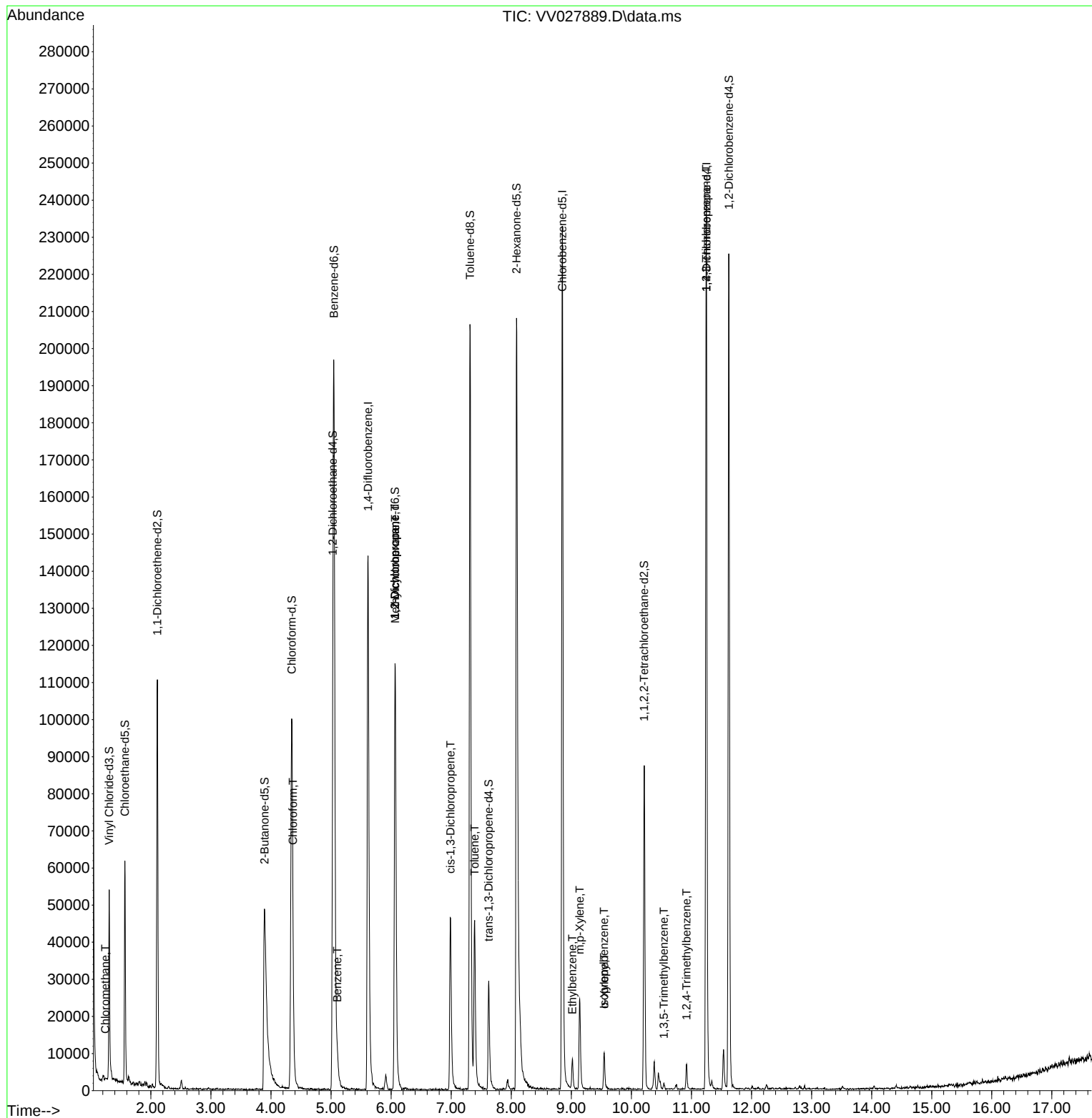
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 133688   | 5.000    | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 134387   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 69610    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 34251    | 3.887    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 77.800%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 39431    | 5.275    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 105.400% |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 56473    | 3.020    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 60.400%  |
| 20) 2-Butanone-d5             | 3.892  | 46    | 100985   | 51.709   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 103.420% |
| 24) Chloroform-d              | 4.346  | 84    | 106797   | 5.919    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 118.400% |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65    | 55210    | 5.746    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 115.000% |
| 32) Benzene-d6                | 5.047  | 84    | 183761   | 4.713    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 51107    | 4.477    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 89.600%  |
| 41) Toluene-d8                | 7.314  | 98    | 146662   | 4.474    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 89.400%  |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 17962    | 4.691    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 93.800%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 73398    | 51.564   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 103.120% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 38622    | 5.269    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 105.400% |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 59515    | 5.205    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 104.000% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.243  | 50    | 474      | 0.040    | ug/L   | 84       |
| 25) Chloroform                | 4.365  | 83    | 1524     | 0.078    | ug/L   | 79       |
| 33) Benzene                   | 5.105  | 78    | 6665     | 0.150    | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.069  | 83    | 15298    | 0.897    | ug/L   | # 19     |
| 37) 1,2-Dichloropropane       | 6.066  | 63    | 6925     | 0.657    | ug/L   | # 85     |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75    | 1340     | 0.101    | ug/L   | # 59     |
| 42) Toluene                   | 7.391  | 91    | 34282    | 0.797    | ug/L   | 99       |
| 52) Ethylbenzene              | 9.018  | 91    | 5984     | 0.134    | ug/L   | 97       |
| 53) m,p-Xylene                | 9.140  | 106   | 7971     | 0.454    | ug/L   | 83       |
| 54) o-Xylene                  | 9.548  | 106   | 2936     | 0.176    | ug/L   | 88       |
| 60) Isopropylbenzene          | 9.545  | 105   | 1476     | 0.034    | ug/L   | # 35     |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 6190     | 1.123    | ug/L   | # 61     |
| 62) 1,3,5-Trimethylbenzene    | 10.542 | 105   | 1190     | 0.097    | ug/L   | 90       |
| 63) 1,2,4-Trimethylbenzene    | 10.918 | 105   | 4282     | 0.123    | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

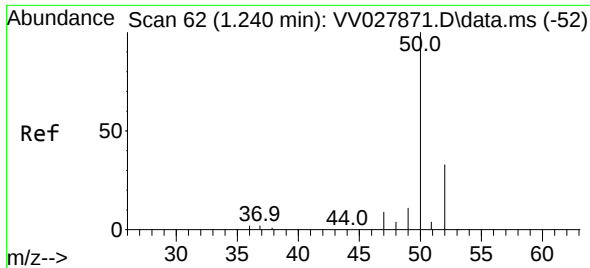
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV091622\  
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Sample : N4672-01  
Misc : 25.0mL/MSVOA\_V/WATER  
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ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR090622WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Sep 16 22:04:36 2022  
Response via : Initial Calibration

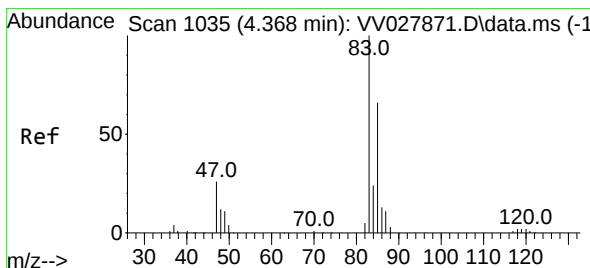
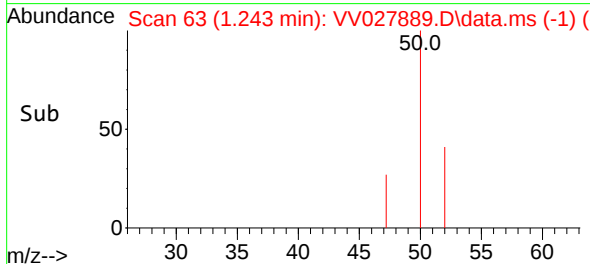
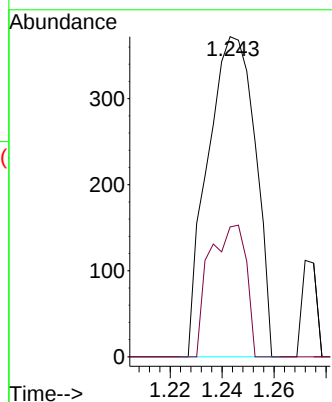
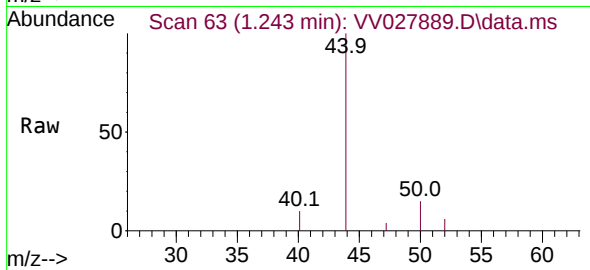




#3  
Chloromethane  
Concen: 0.040 ug/L  
RT: 1.243 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: VV027889.D  
Acq: 16 Sep 2022 18:27

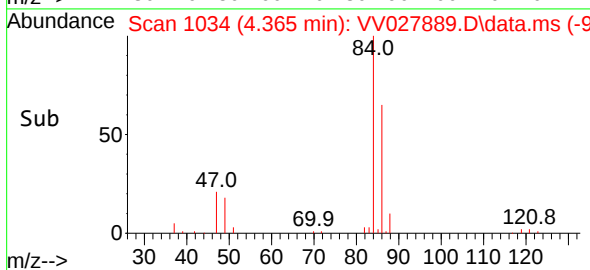
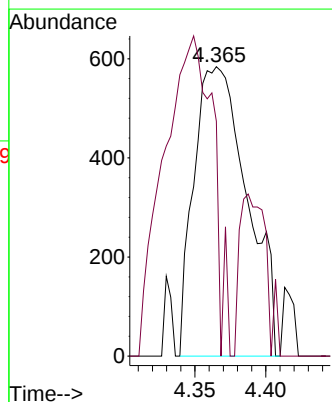
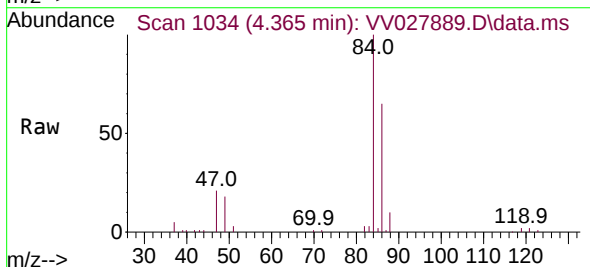
Instrument :  
MSVOA\_V  
ClientSampleId :

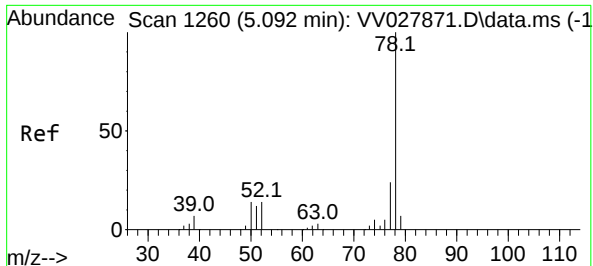
Tgt Ion: 50 Resp: 474  
Ion Ratio Lower Upper  
50 100  
52 40.6 22.1 41.1



#25  
Chloroform  
Concen: 0.078 ug/L  
RT: 4.365 min Scan# 1034  
Delta R.T. -0.003 min  
Lab File: VV027889.D  
Acq: 16 Sep 2022 18:27

Tgt Ion: 83 Resp: 1524  
Ion Ratio Lower Upper  
83 100  
85 81.2 45.4 84.2

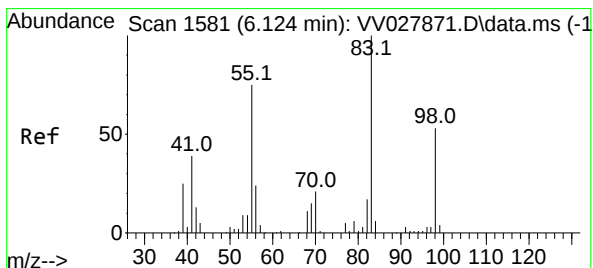
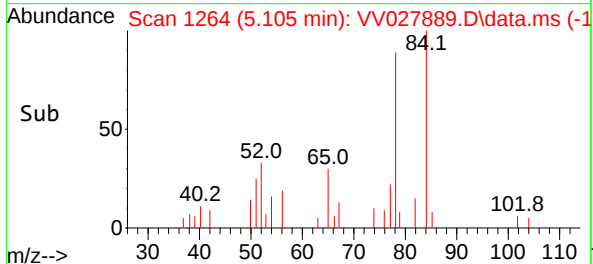
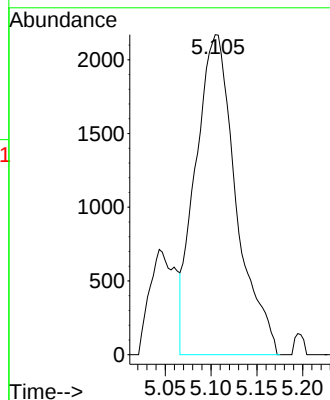
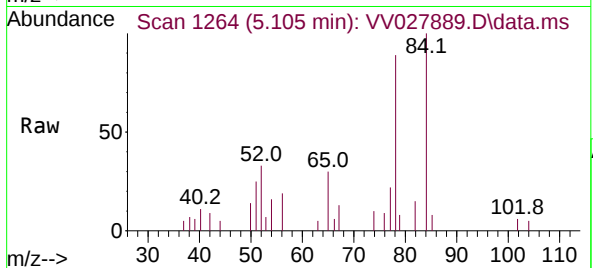




#33  
Benzene  
Concen: 0.150 ug/L  
RT: 5.105 min Scan# 11  
Delta R.T. 0.013 min  
Lab File: VV027889.D  
Acq: 16 Sep 2022 18:27

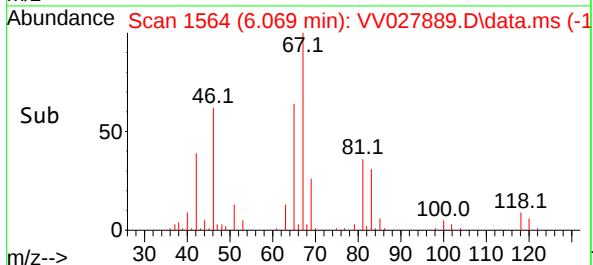
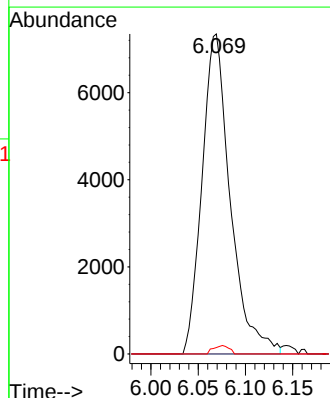
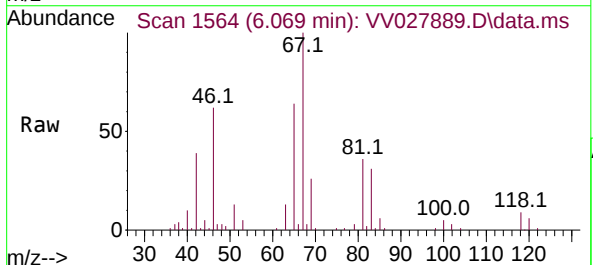
Instrument :  
MSVOA\_V  
ClientSampleId :

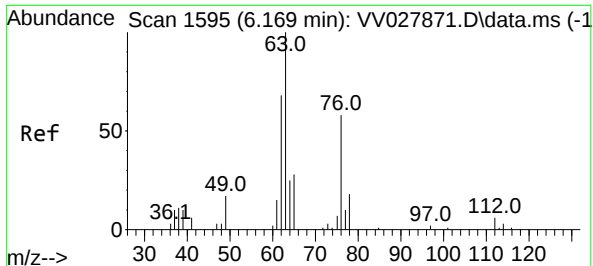
Tgt Ion: 78 Resp: 6665



#35  
Methylcyclohexane  
Concen: 0.897 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.055 min  
Lab File: VV027889.D  
Acq: 16 Sep 2022 18:27

Tgt Ion: 83 Resp: 15298  
Ion Ratio Lower Upper  
83 100  
55 0.0 61.9 92.9#  
98 1.5 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.657 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV027889.D

Acq: 16 Sep 2022 18:27

Instrument :

MSVOA\_V

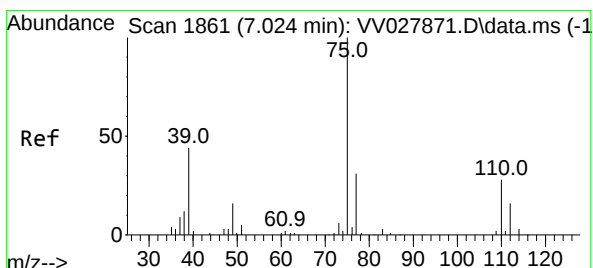
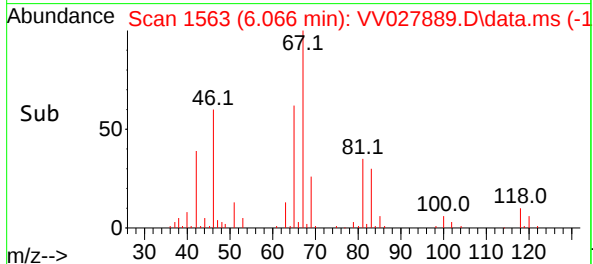
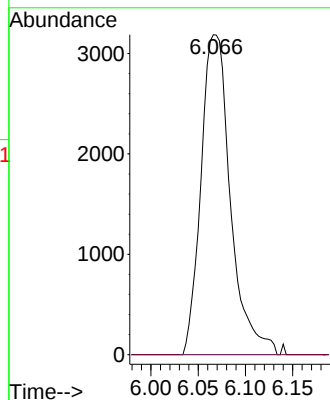
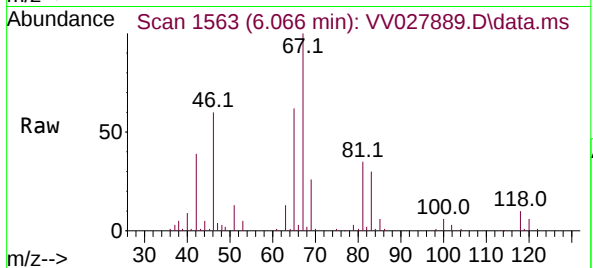
ClientSampleId :

Tgt Ion: 63 Resp: 6925

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV027889.D

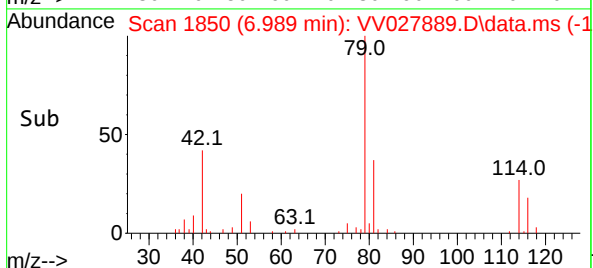
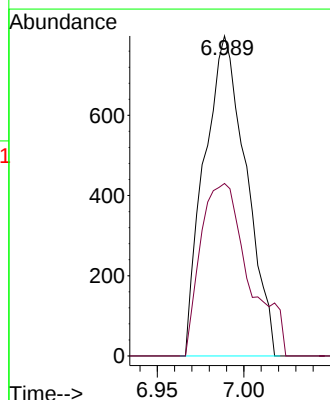
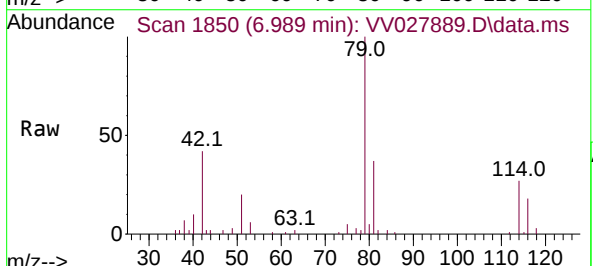
Acq: 16 Sep 2022 18:27

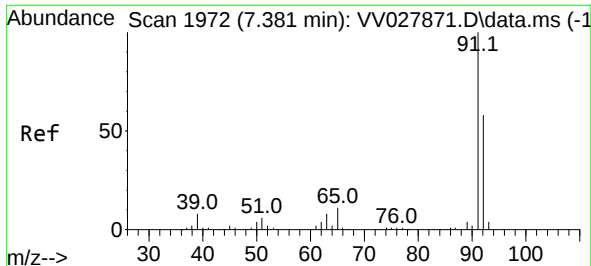
Tgt Ion: 75 Resp: 1340

Ion Ratio Lower Upper

75 100

77 53.9 22.0 40.8#





#42

Toluene

Concen: 0.797 ug/L

RT: 7.391 min Scan# 1972

Delta R.T. 0.010 min

Lab File: VV027889.D

Acq: 16 Sep 2022 18:27

Instrument :

MSVOA\_V

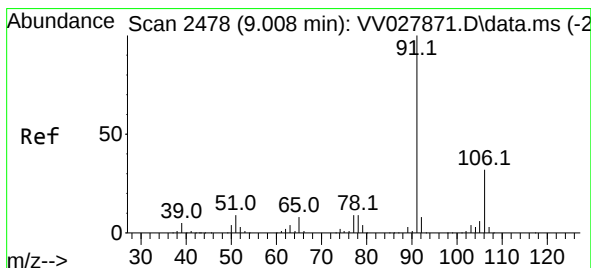
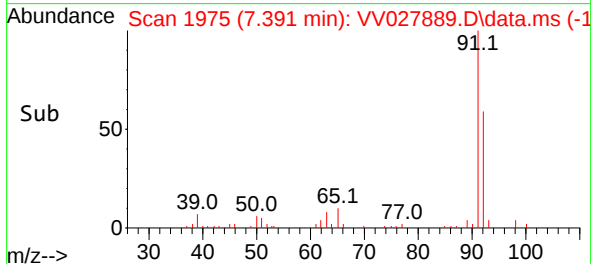
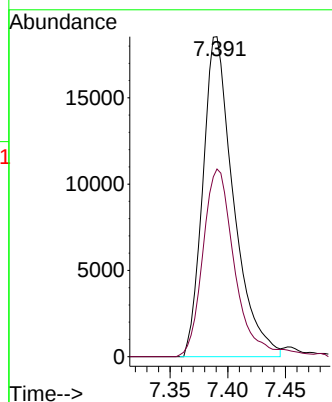
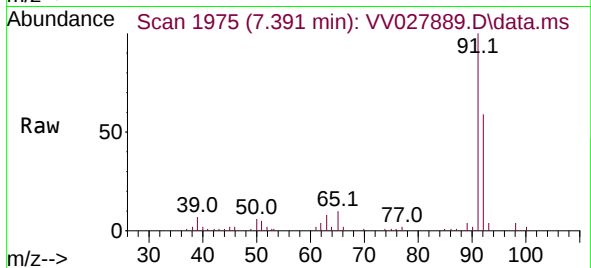
ClientSampleId :

Tgt Ion: 91 Resp: 34282

Ion Ratio Lower Upper

91 100

92 58.7 40.8 75.8



#52

Ethylbenzene

Concen: 0.134 ug/L

RT: 9.018 min Scan# 2481

Delta R.T. 0.010 min

Lab File: VV027889.D

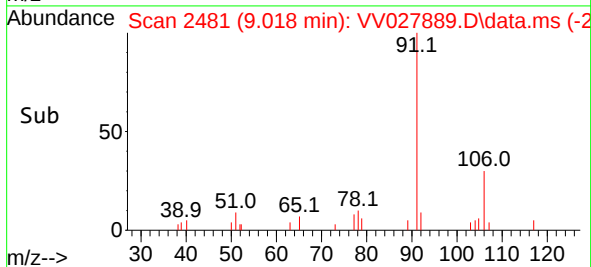
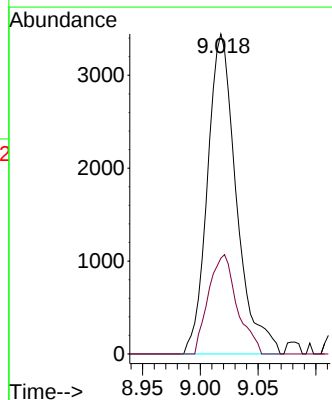
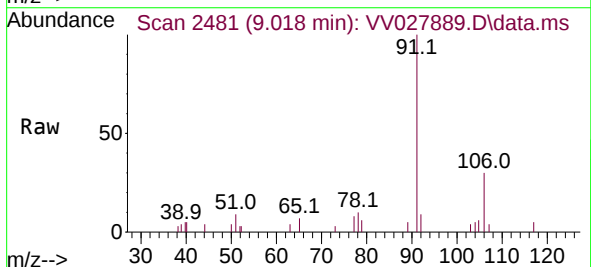
Acq: 16 Sep 2022 18:27

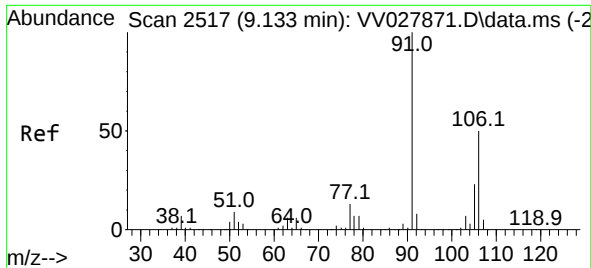
Tgt Ion: 91 Resp: 5984

Ion Ratio Lower Upper

91 100

106 29.9 22.0 40.8

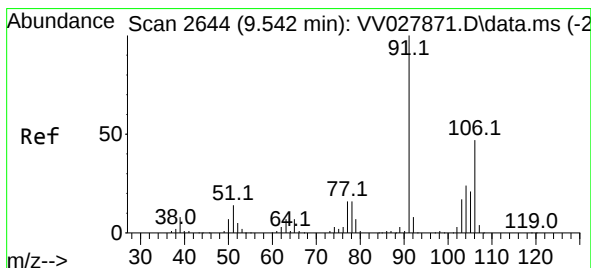
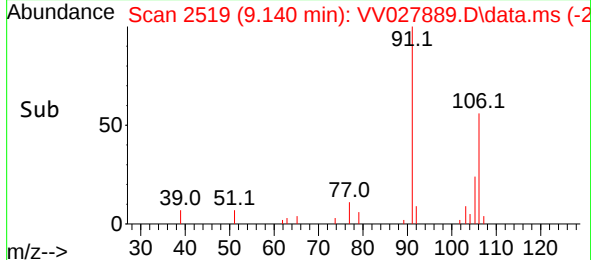
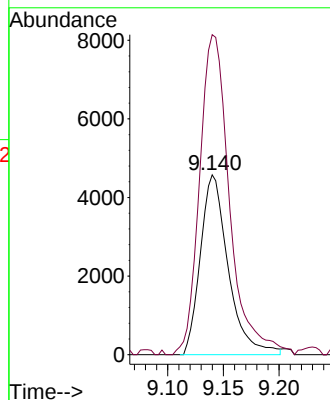
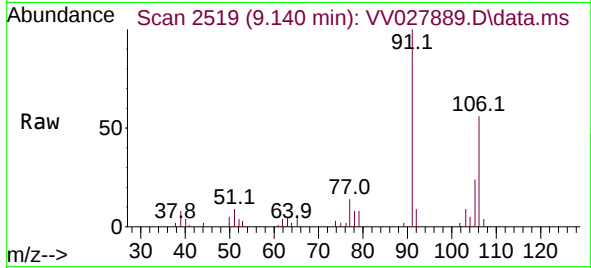




#53  
m,p-Xylene  
Concen: 0.454 ug/L  
RT: 9.140 min Scan# 2517  
Delta R.T. 0.007 min  
Lab File: VV027889.D  
Acq: 16 Sep 2022 18:27

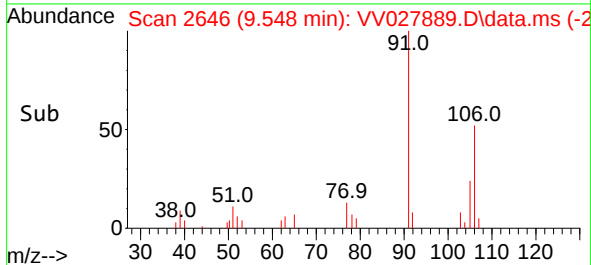
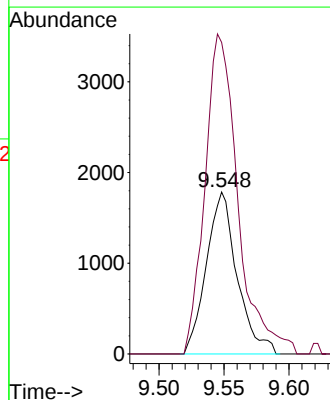
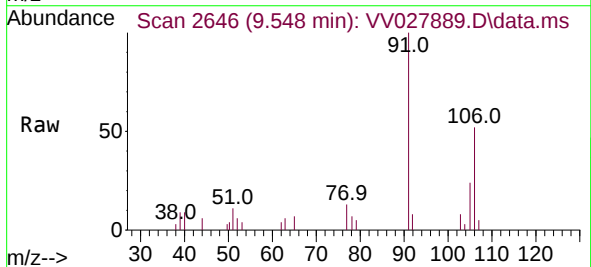
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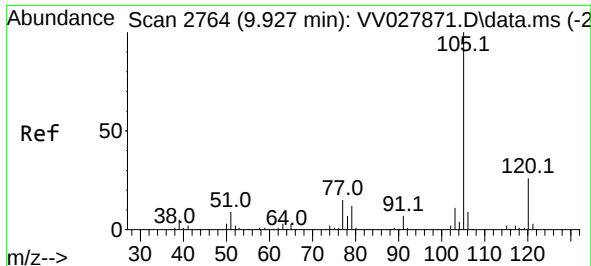
Tgt Ion:106 Resp: 7971  
Ion Ratio Lower Upper  
106 100  
91 178.0 142.4 264.4



#54  
o-Xylene  
Concen: 0.176 ug/L  
RT: 9.548 min Scan# 2646  
Delta R.T. 0.007 min  
Lab File: VV027889.D  
Acq: 16 Sep 2022 18:27

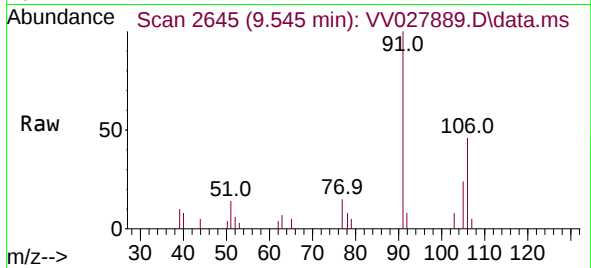
Tgt Ion:106 Resp: 2936  
Ion Ratio Lower Upper  
106 100  
91 192.3 147.5 273.9



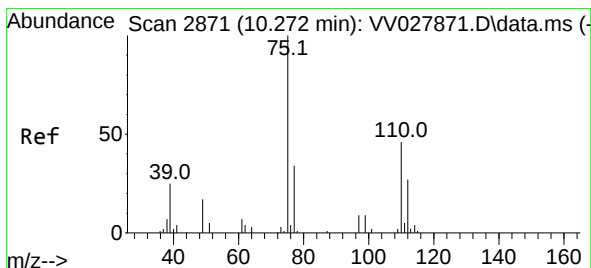
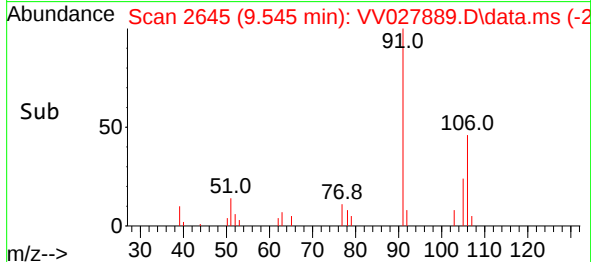
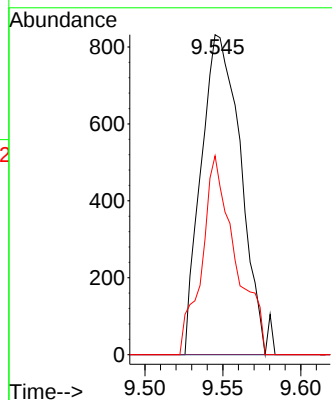


#60  
Isopropylbenzene  
Concen: 0.034 ug/L  
RT: 9.545 min Scan# 2174  
Delta R.T. -0.383 min  
Lab File: VV027889.D  
Acq: 16 Sep 2022 18:27

Instrument :  
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ClientSampleId :

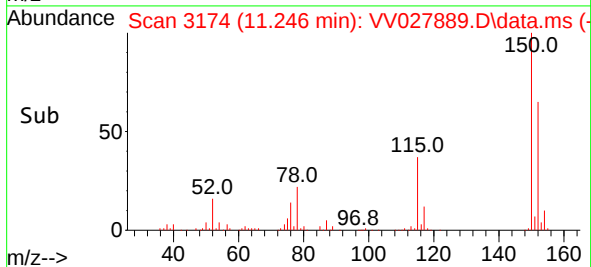
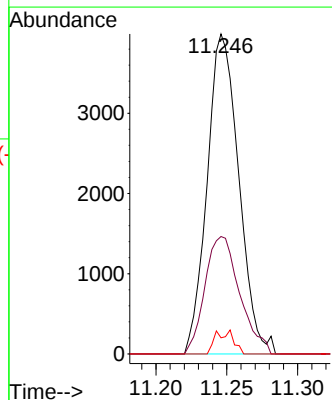
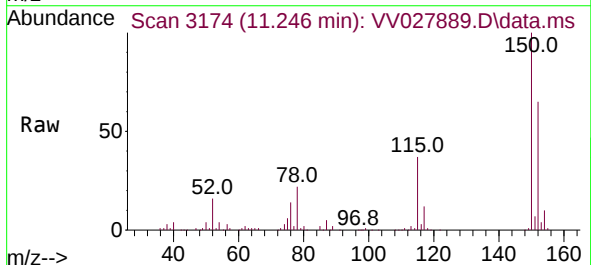


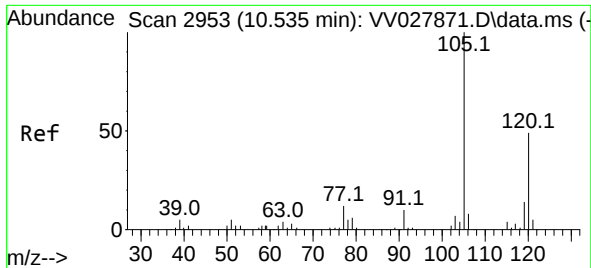
Tgt Ion:105 Resp: 1476  
Ion Ratio Lower Upper  
105 100  
120 0.0 21.3 31.9#  
77 52.6 12.6 18.8#



#61  
1,2,3-Trichloropropane  
Concen: 1.123 ug/L  
RT: 11.246 min Scan# 3174  
Delta R.T. 0.974 min  
Lab File: VV027889.D  
Acq: 16 Sep 2022 18:27

Tgt Ion: 75 Resp: 6190  
Ion Ratio Lower Upper  
75 100  
77 40.3 27.6 41.4  
110 4.2 35.6 53.4#





#62

1,3,5-Trimethylbenzene

Concen: 0.097 ug/L

RT: 10.542 min Scan# 2955

Delta R.T. 0.007 min

Lab File: VV027889.D

Acq: 16 Sep 2022 18:27

Instrument :

MSVOA\_V

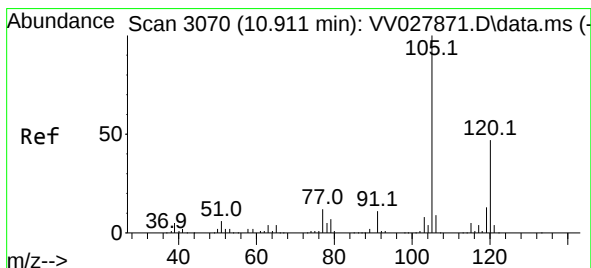
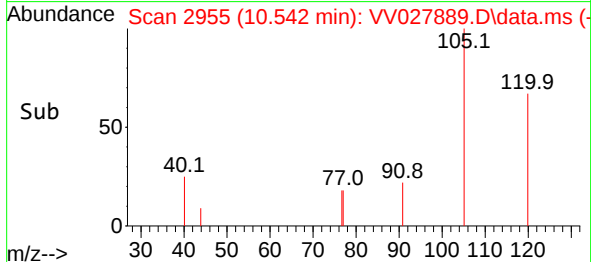
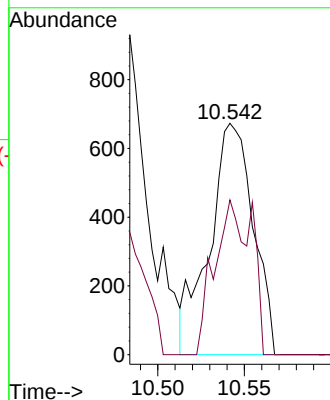
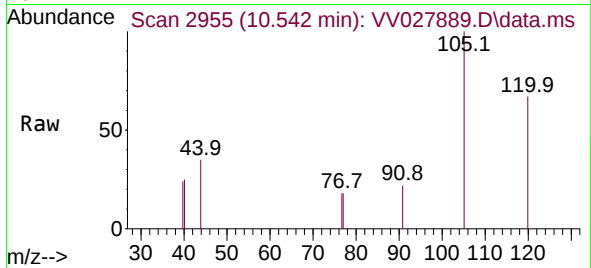
ClientSampleId :

Tgt Ion:105 Resp: 1190

Ion Ratio Lower Upper

105 100

120 56.4 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.123 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.007 min

Lab File: VV027889.D

Acq: 16 Sep 2022 18:27

Tgt Ion:105 Resp: 4282

Ion Ratio Lower Upper

105 100

120 47.2 37.4 56.0

