

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040822\  
 Data File : VW022465.D  
 Acq On : 08 Apr 2022 15:43  
 Operator : SY/VA  
 Sample : N2293-13  
 Misc : 6.32g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ETNP1

Quant Time: Apr 08 23:34:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040722SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Apr 08 23:31:17 2022  
 Response via : Initial Calibration

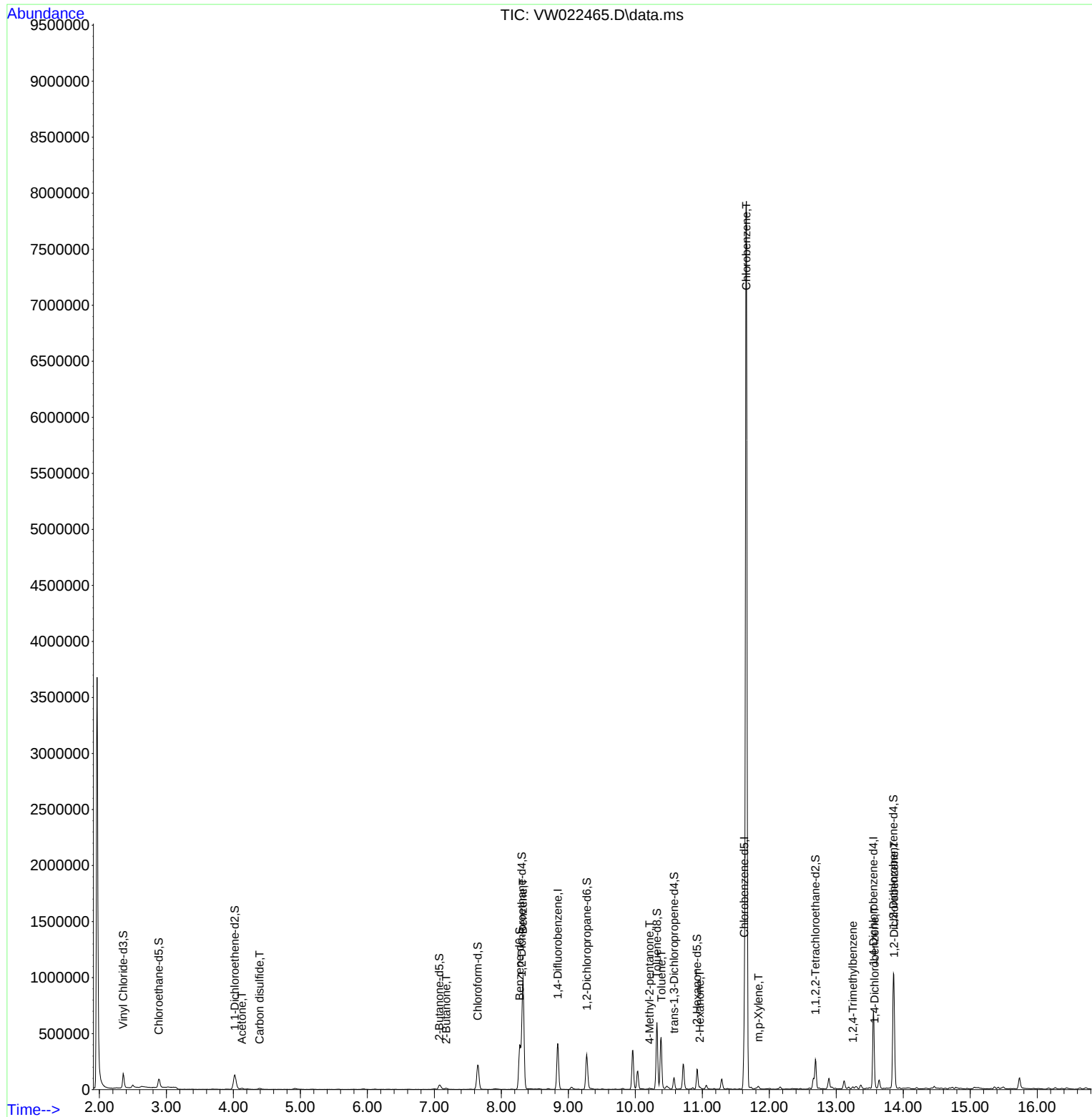
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 320721   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 322728   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 165691   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 124764   | 17.597   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 70.400%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 87745    | 19.747   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 79.000%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 124452   | 13.533   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 54.120%  |
| 21) 2-Butanone-d5             | 7.074  | 46    | 65436    | 52.863   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 105.720% |
| 24) Chloroform-d              | 7.647  | 84    | 210527   | 21.001   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 84.000%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 134160   | 23.423   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 93.680%  |
| 32) Benzene-d6                | 8.275  | 84    | 387544   | 19.655   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 78.600%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 124694   | 21.853   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 87.400%  |
| 41) Toluene-d8                | 10.323 | 98    | 365452   | 18.924   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 75.680%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 54102    | 20.091   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 80.360%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 57035    | 53.725   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 107.440% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 119416   | 24.613   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 98.440%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 130992   | 22.320   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 89.280%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.129  | 43    | 17197    | 20.404   | ug/L   | 98       |
| 14) Carbon disulfide          | 4.391  | 76    | 13865    | 0.976    | ug/L   | 100      |
| 22) 2-Butanone                | 7.177  | 43    | 15664    | 12.306   | ug/L   | 99       |
| 33) Benzene                   | 8.323  | 78    | 868073   | 39.618   | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43    | 5824     | 1.818    | ug/L # | 89       |
| 42) Toluene                   | 10.390 | 91    | 108011   | 4.302    | ug/L   | 95       |
| 48) 2-Hexanone                | 10.963 | 43    | 8585     | 3.799    | ug/L   | 90       |
| 51) Chlorobenzene             | 11.658 | 112   | 3989857  | 260.042  | ug/L   | 96       |
| 53) m,p-Xylene                | 11.841 | 106   | 6495     | 0.607    | ug/L   | 71       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105   | 9853     | 0.428    | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 13.573 | 146   | 6685     | 0.600    | ug/L   | 89       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146   | 62240    | 6.230    | ug/L   | 94       |
| -----                         |        |       |          |          |        |          |

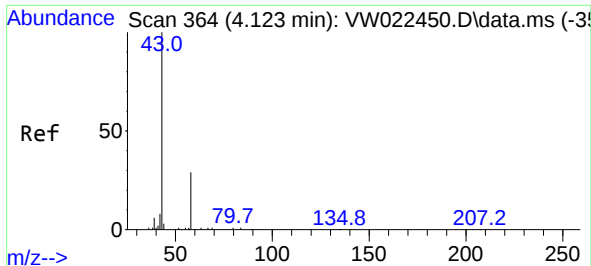
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N2293-13  
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ALS Vial : 1 Sample Multiplier: 1

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Quant Time: Apr 08 23:34:53 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040722SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Apr 08 23:31:17 2022  
Response via : Initial Calibration

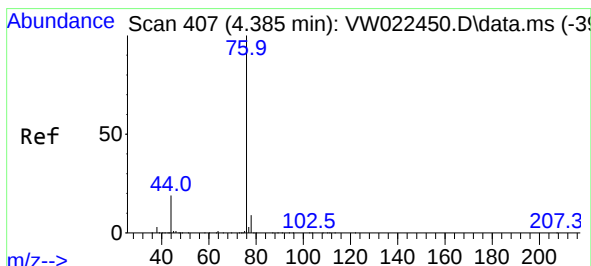
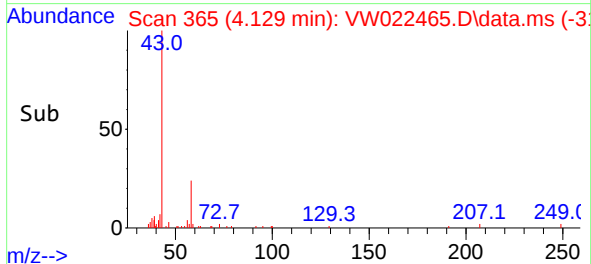
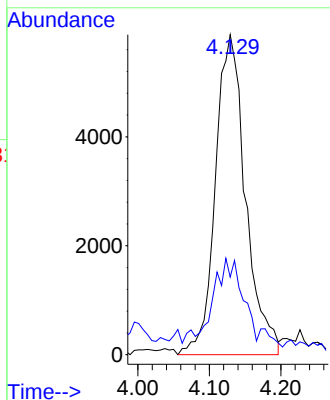
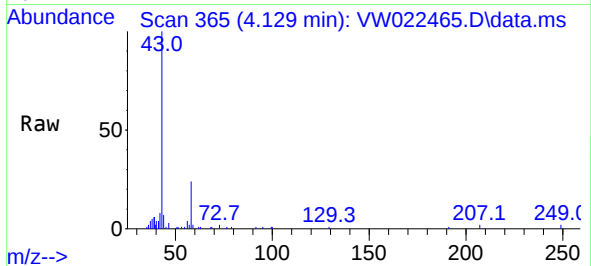




#13  
Acetone  
Concen: 20.404 ug/L  
RT: 4.129 min Scan# 364  
Delta R.T. 0.006 min  
Lab File: VW022465.D  
Acq: 08 Apr 2022 15:43

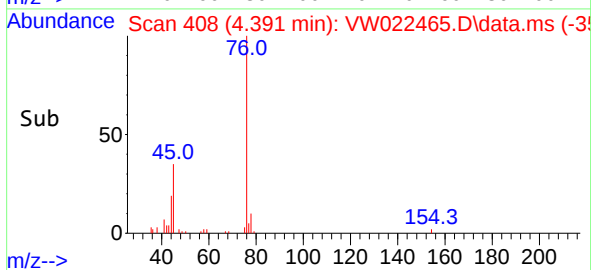
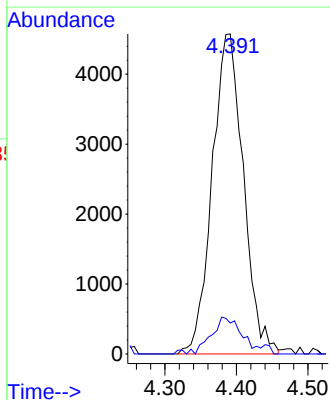
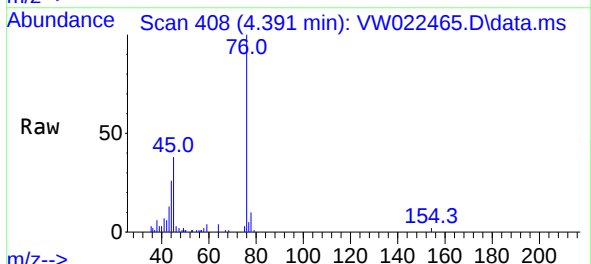
Instrument :  
MSVOA\_W  
ClientSampleId :  
ETNP1

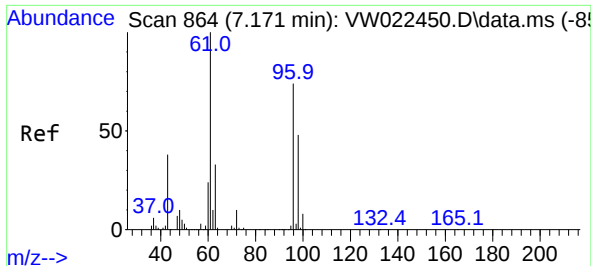
Tgt Ion: 43 Resp: 17197  
Ion Ratio Lower Upper  
43 100  
58 27.6 0.0 57.0



#14  
Carbon disulfide  
Concen: 0.976 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. 0.006 min  
Lab File: VW022465.D  
Acq: 08 Apr 2022 15:43

Tgt Ion: 76 Resp: 13865  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.6 11.4

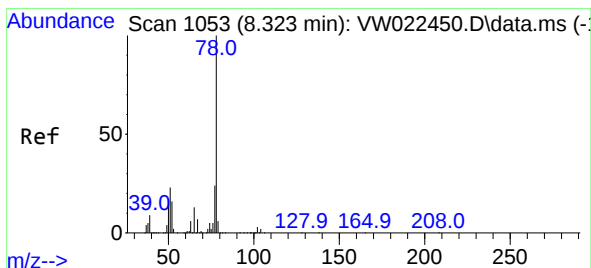
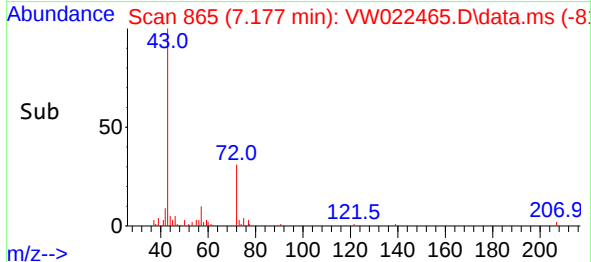
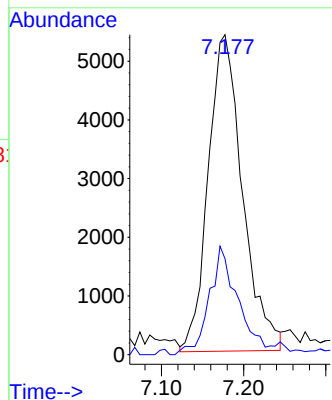
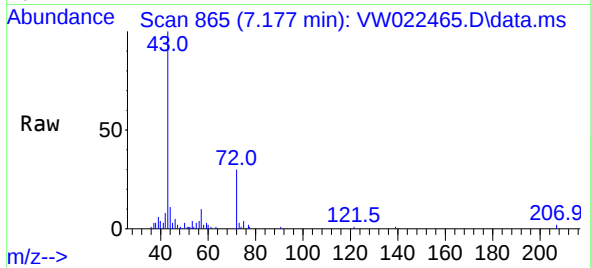




#22  
2-Butanone  
Concen: 12.306 ug/L  
RT: 7.177 min Scan# 865  
Delta R.T. 0.006 min  
Lab File: VW022465.D  
Acq: 08 Apr 2022 15:43

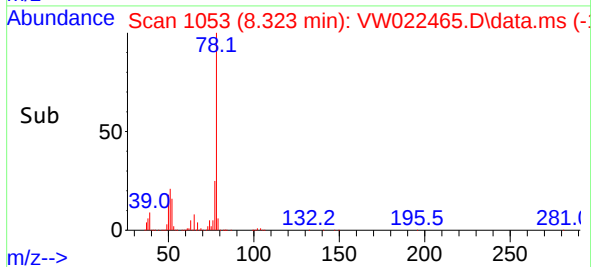
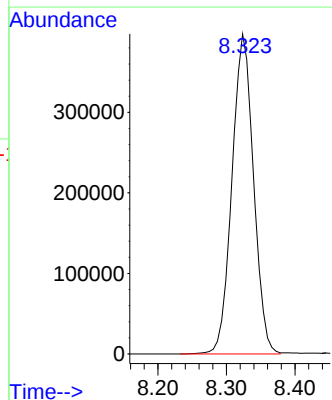
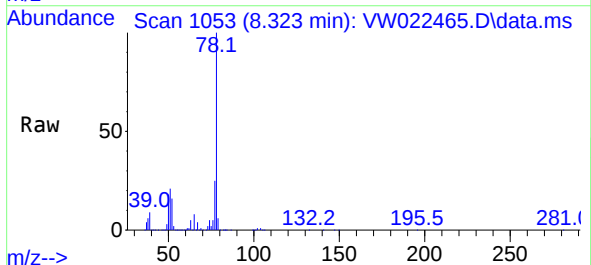
Instrument : MSVOA\_W  
ClientSampleId : ETNP1

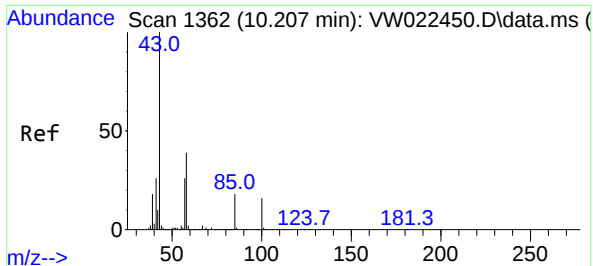
Tgt Ion: 43 Resp: 15664  
Ion Ratio Lower Upper  
43 100  
72 27.2 14.0 42.0



#33  
Benzene  
Concen: 39.618 ug/L  
RT: 8.323 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VW022465.D  
Acq: 08 Apr 2022 15:43

Tgt Ion: 78 Resp: 868073





#40

4-Methyl-2-pentanone

Concen: 1.818 ug/L

RT: 10.213 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW022465.D

Acq: 08 Apr 2022 15:43

Instrument :

MSVOA\_W

ClientSampleId :

ETNP1

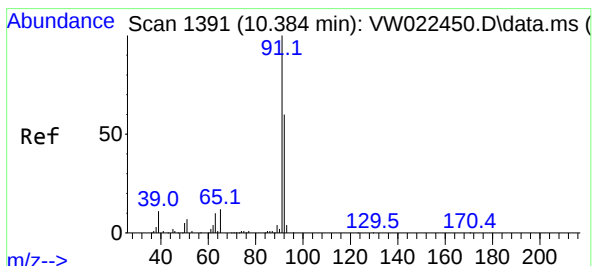
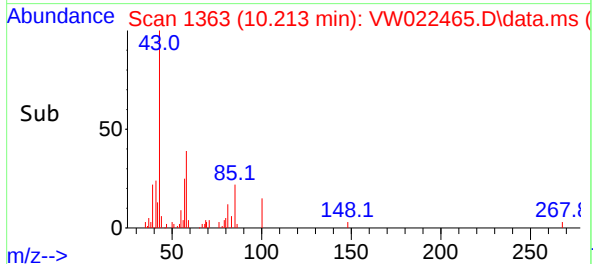
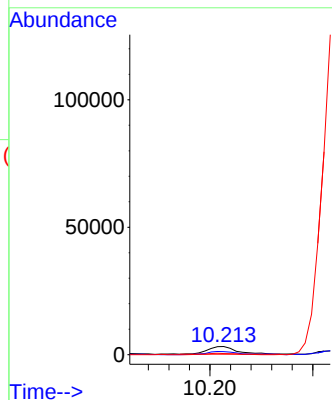
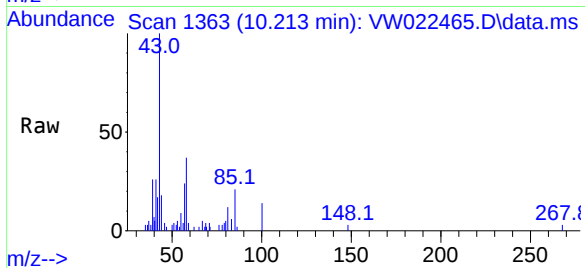
Tgt Ion: 43 Resp: 5824

Ion Ratio Lower Upper

43 100

58 44.5 29.3 43.9#

100 18.3 12.2 18.4



#42

Toluene

Concen: 4.302 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW022465.D

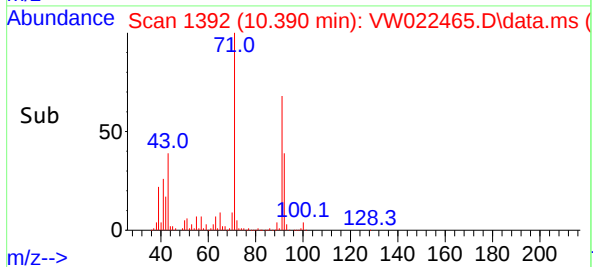
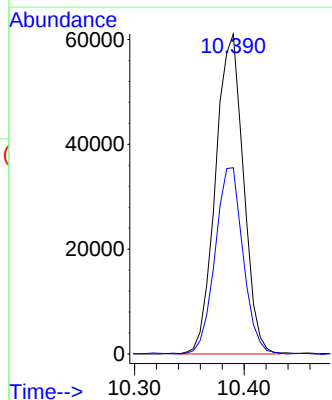
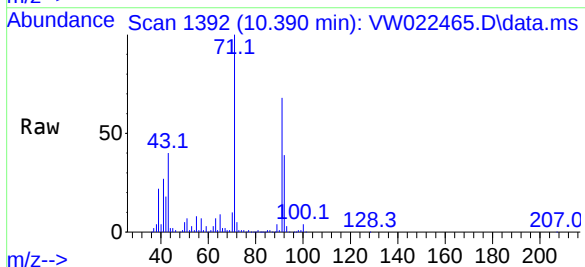
Acq: 08 Apr 2022 15:43

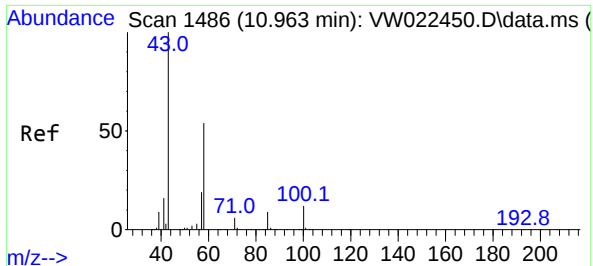
Tgt Ion: 91 Resp: 108011

Ion Ratio Lower Upper

91 100

92 58.2 38.0 70.6

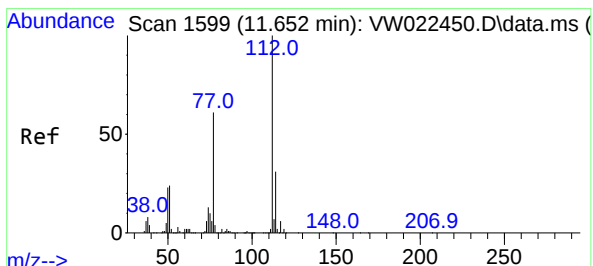
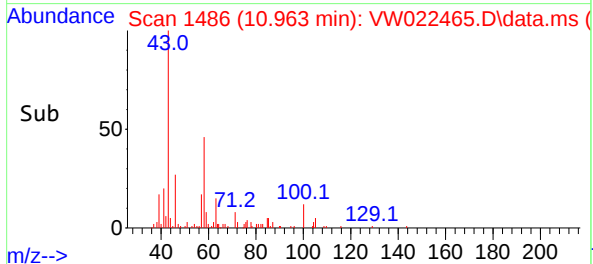
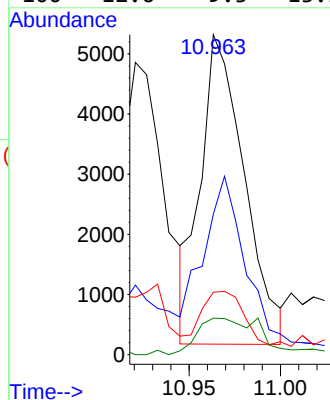
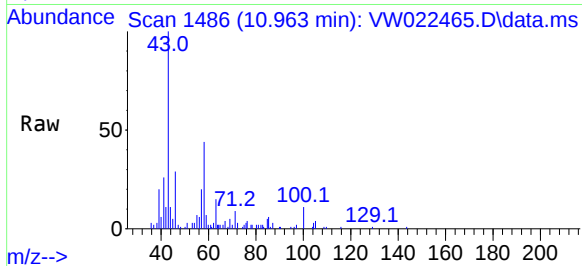




#48  
2-Hexanone  
Concen: 3.799 ug/L  
RT: 10.963 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VW022465.D  
Acq: 08 Apr 2022 15:43

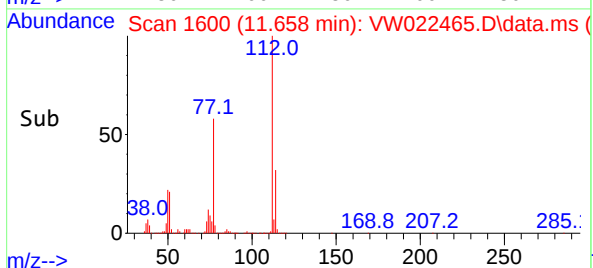
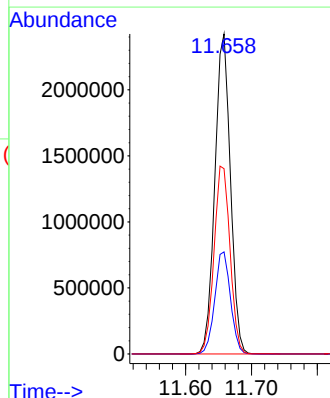
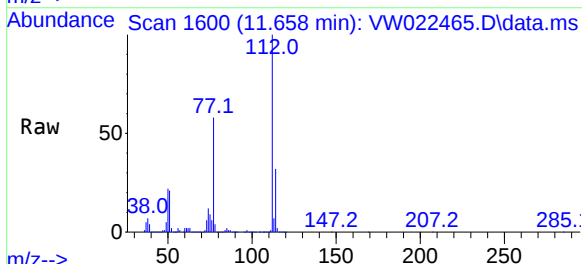
Instrument :  
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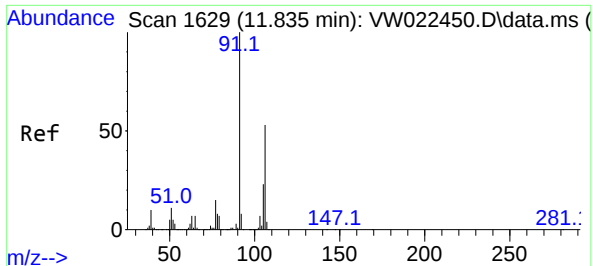
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 8585  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 61.5     | 41.6 62.4   |
| 57 16.2     | 14.5 21.7   |
| 100 12.6    | 9.3 13.9    |



#51  
Chlorobenzene  
Concen: 260.042 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.006 min  
Lab File: VW022465.D  
Acq: 08 Apr 2022 15:43

|             |               |       |       |
|-------------|---------------|-------|-------|
| Tgt Ion:112 | Resp: 3989857 |       |       |
| Ion         | Ratio         | Lower | Upper |
| 112         | 100           |       |       |
| 114         | 31.9          | 20.5  | 38.1  |
| 77          | 57.9          | 48.1  | 72.1  |

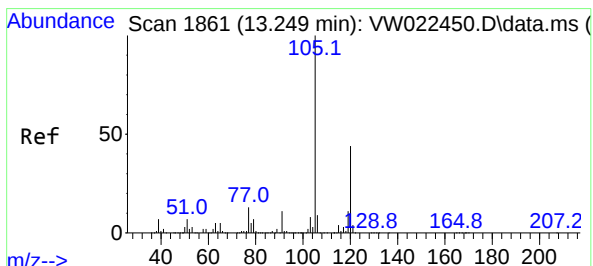
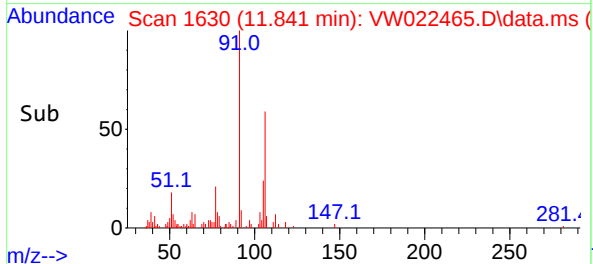
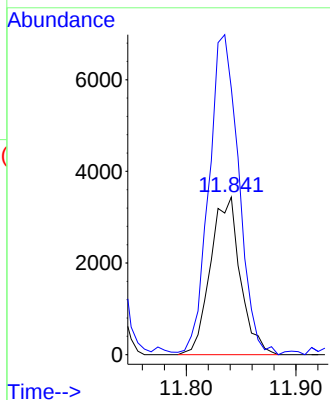
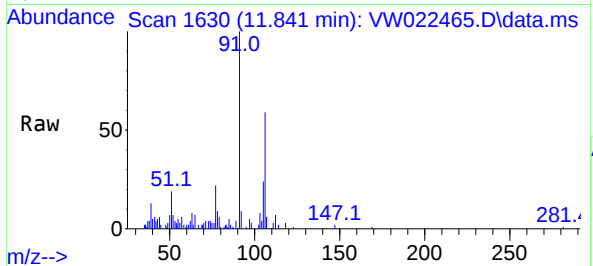




#53  
m,p-Xylene  
Concen: 0.607 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.006 min  
Lab File: VW022465.D  
Acq: 08 Apr 2022 15:43

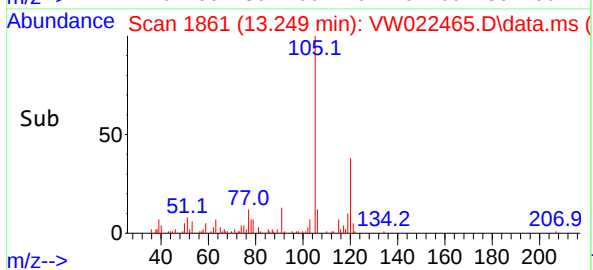
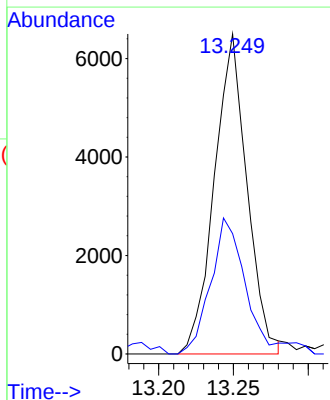
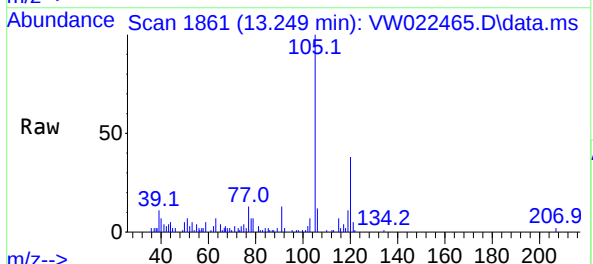
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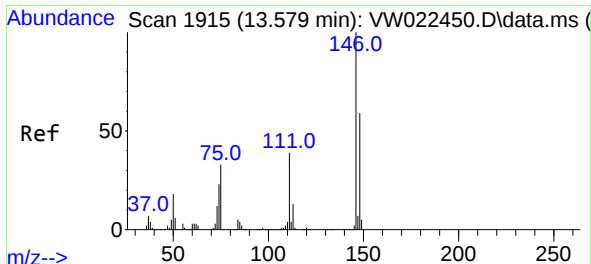
Tgt Ion:106 Resp: 6495  
Ion Ratio Lower Upper  
106 100  
91 169.0 149.9 278.5



#63  
1,2,4-Trimethylbenzene  
Concen: 0.428 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW022465.D  
Acq: 08 Apr 2022 15:43

Tgt Ion:105 Resp: 9853  
Ion Ratio Lower Upper  
105 100  
120 43.9 34.2 51.2

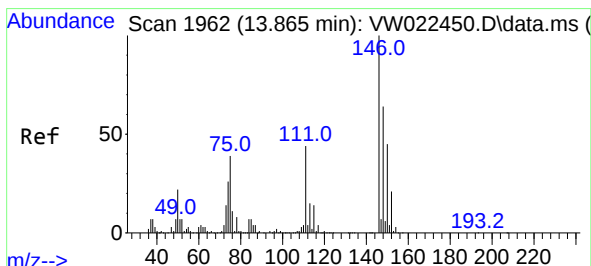
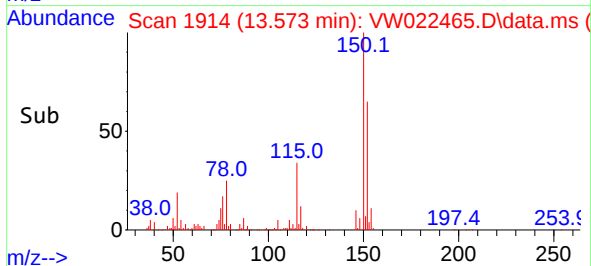
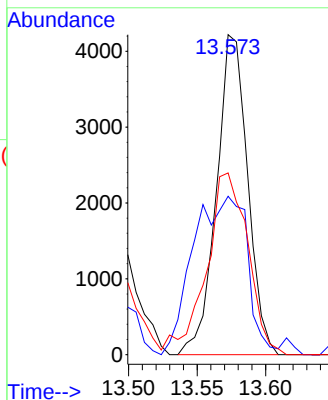
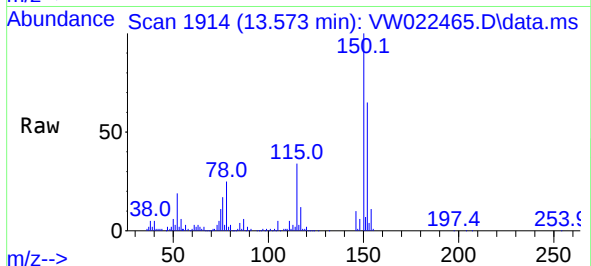




#65  
1,4-Dichlorobenzene  
Concen: 0.600 ug/L  
RT: 13.573 min Scan# 1915  
Delta R.T. -0.006 min  
Lab File: VW022465.D  
Acq: 08 Apr 2022 15:43

Instrument :  
MSVOA\_W  
ClientSampleId :  
ETNP1

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 146   | Resp: | 6685 |
| Ion Ratio | Lower | Upper |      |
| 146       | 100   |       |      |
| 111       | 49.5  | 28.5  | 52.9 |
| 148       | 56.8  | 44.4  | 82.4 |



#67  
1,2-Dichlorobenzene  
Concen: 6.230 ug/L  
RT: 13.865 min Scan# 1962  
Delta R.T. 0.000 min  
Lab File: VW022465.D  
Acq: 08 Apr 2022 15:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 62240 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 42.2  | 39.0  | 58.4  |
| 148       | 62.9  | 52.1  | 78.1  |

