

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081619\  
 Data File : VV012267.D  
 Acq On : 16 Aug 2019 13:38  
 Operator : SY/MD  
 Sample : K4373-03  
 Misc : 25mL/MSVOA V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AB0

Manual Integrations  
 APPROVED

MMDadoda  
 8/19/2019 9:07:49 AM

Quant Time: Aug 17 00:51:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR081319WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 16 23:35:37 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 168663   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 164570   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 67663    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 78259    | 7.53     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 150.60%# |
| 7) Chloroethane-d5             | 1.58   | 69    | 58261    | 7.34     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 146.80%# |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 79879    | 4.69     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 93.80%   |
| 20) 2-Butanone-d5              | 3.94   | 46    | 56371    | 25.12    | ug/L | -0.03    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 50.24%   |
| 24) Chloroform-d               | 4.40   | 84    | 114823   | 5.58     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 111.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 64281    | 6.60     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 132.00%# |
| 32) Benzene-d6                 | 5.10   | 84    | 289522   | 6.95     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 139.00%# |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 86044    | 7.01     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 140.20%# |
| 41) Toluene-d8                 | 7.36   | 98    | 240967   | 6.34     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 126.80%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 28332    | 6.03     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 120.60%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 80682    | 53.55    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 107.10%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 55398    | 6.48     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 129.60%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 96297    | 8.41     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 168.20%# |

## Target Compounds

|                      |       |     |       |       | Ovalue |     |
|----------------------|-------|-----|-------|-------|--------|-----|
| 13) Acetone          | 2.19  | 43  | 5012m | 3.584 | ug/L   |     |
| 14) Carbon disulfide | 2.32  | 76  | 14007 | 0.539 | ug/L   | 99  |
| 33) Benzene          | 5.14  | 78  | 75780 | 1.527 | ug/L   | 100 |
| 56) Isopropylbenzene | 9.97  | 105 | 4925  | 0.090 | ug/L   | 98  |
| 69) Naphthalene      | 13.55 | 128 | 35936 | 1.966 | ug/L   | 98  |

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

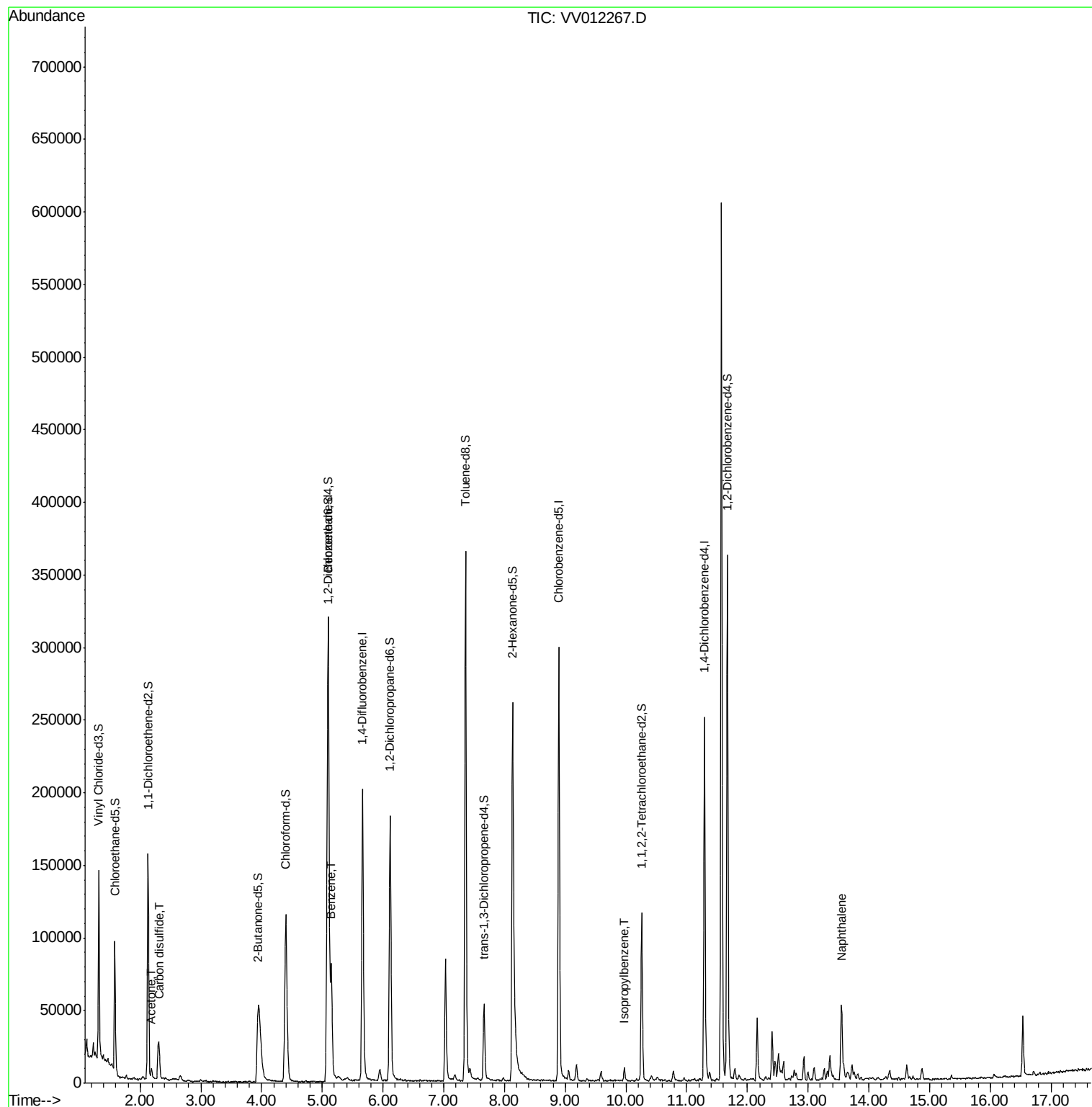
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081619\  
Data File : VV012267.D  
Acq On : 16 Aug 2019 13:38  
Operator : SY/MD  
Sample : K4373-03  
Misc : 25mL/MSVOA V/WATER  
ALS Vial : 8 Sample Multiplier: 1

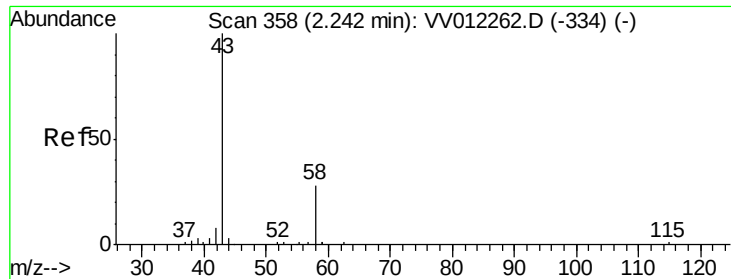
Instrument :  
MSVOA\_V  
ClientSampleId :  
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Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Aug 16 23:35:37 2019  
Response via : Initial Calibration





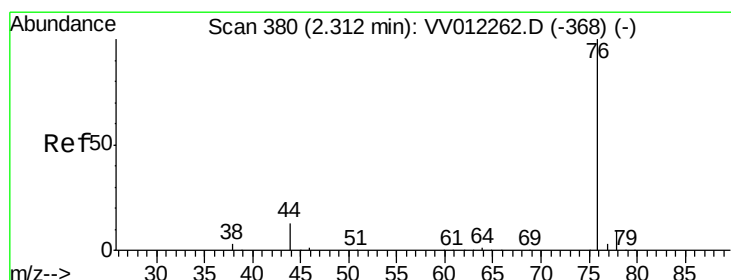
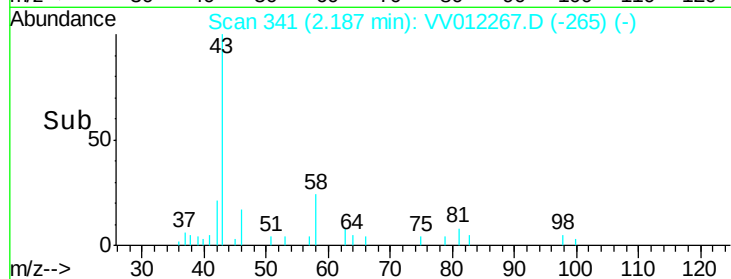
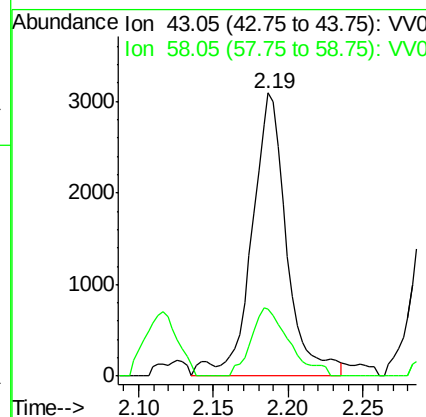
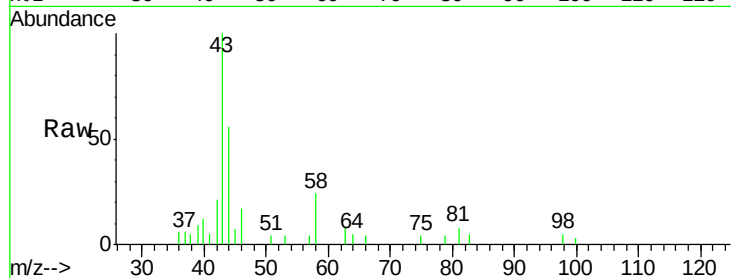
#13  
Acetone  
Concen: 3.584 ug/L m  
RT: 2.19 min Scan# 341  
Delta R.T. -0.05 min  
Lab File: VV012267.D  
Acq: 16 Aug 2019 13:38

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AB0

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 6.3   | 0.0   | 59.4  |

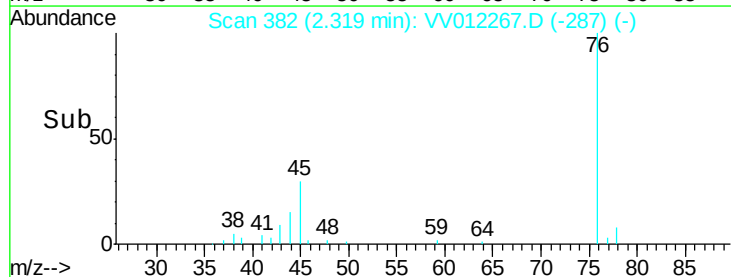
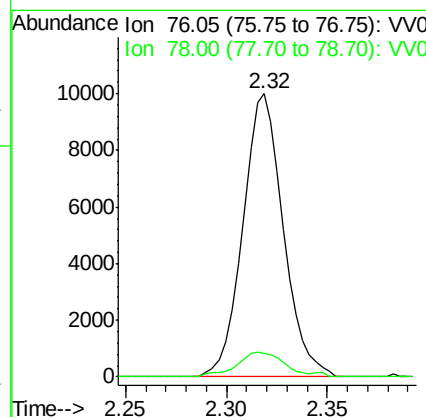
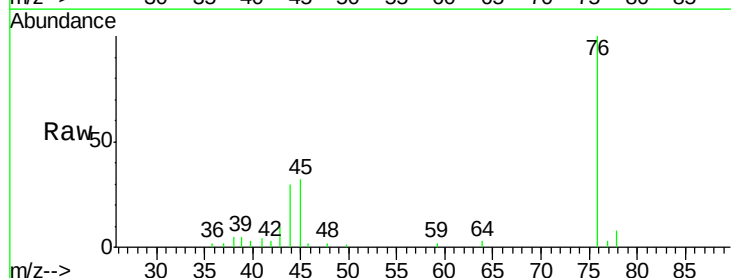
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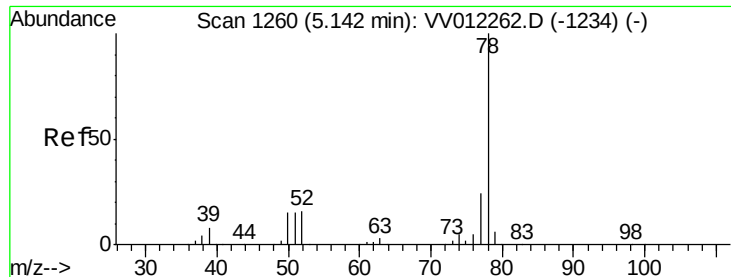
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#14  
Carbon disulfide  
Concen: 0.539 ug/L  
RT: 2.32 min Scan# 382  
Delta R.T. 0.01 min  
Lab File: VV012267.D  
Acq: 16 Aug 2019 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.5   | 7.2   | 10.8  |





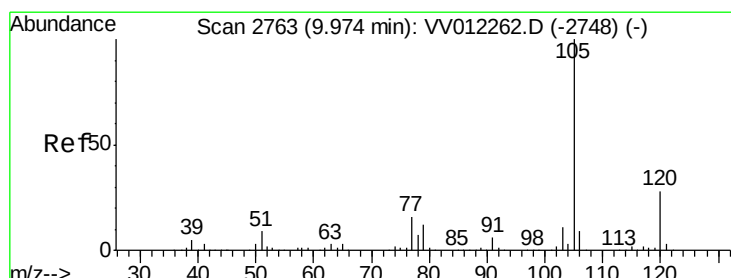
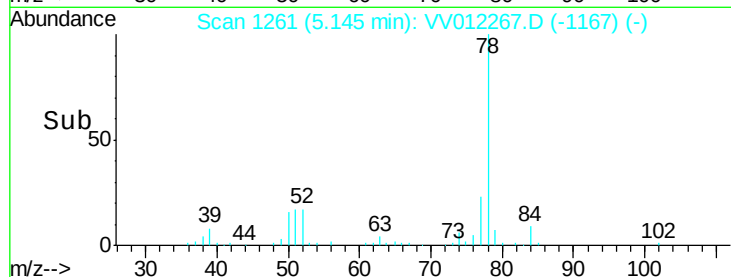
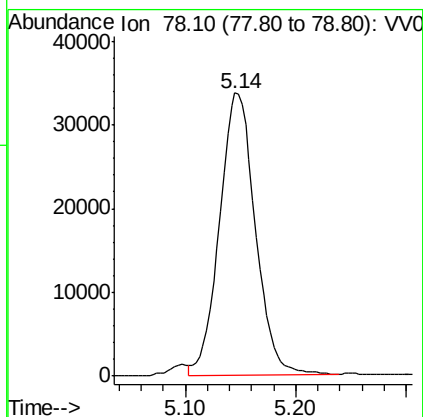
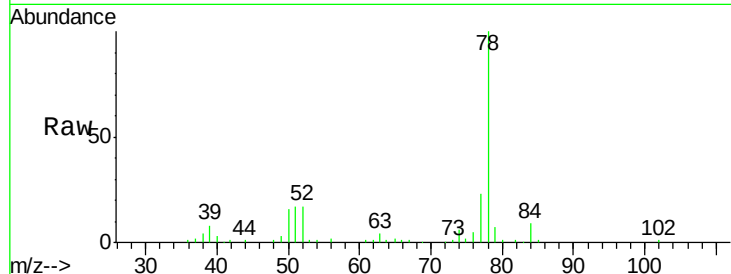
#33  
Benzene  
Concen: 1.527 ug/L  
RT: 5.14 min Scan# 1261  
Delta R.T. 0.00 min  
Lab File: VV012267.D  
Acq: 16 Aug 2019 13:38

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Tgt Ion: 78 Resp: 75780

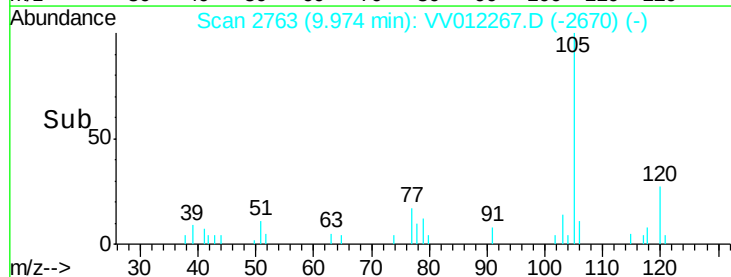
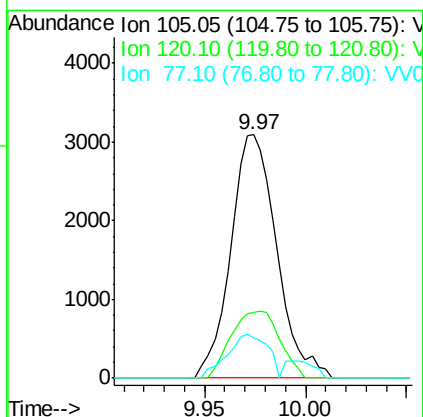
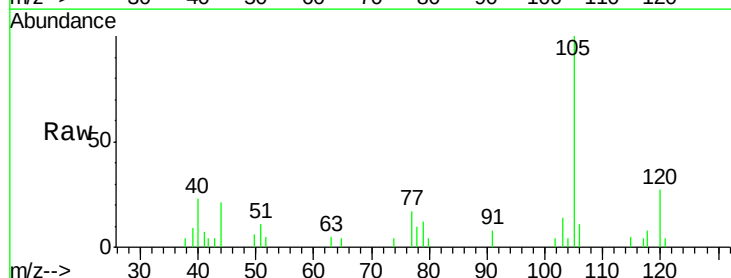
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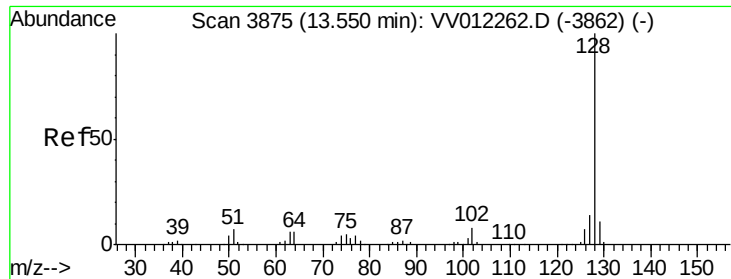
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#56  
Isopropylbenzene  
Concen: 0.090 ug/L  
RT: 9.97 min Scan# 2763  
Delta R.T. -0.00 min  
Lab File: VV012267.D  
Acq: 16 Aug 2019 13:38

Tgt Ion: 105 Resp: 4925  
Ion Ratio Lower Upper  
105 100  
120 29.2 22.0 33.0  
77 15.8 12.5 18.7





#69

Naphthalene

Concen: 1.966 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV012267.D

Acq: 16 Aug 2019 13:38

Instrument :

MSVOA\_V

ClientSampleId :

C0AB0

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 128   | Resp: | 35936 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 11.5  | 8.6   | 12.8  |
| 127       | 13.1  | 10.1  | 15.1  |

Manual Integrations  
APPROVED

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