

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\  
 Data File : VV017644.D  
 Acq On : 24 Jul 2020 13:15  
 Operator : SY/MD  
 Sample : L3395-14  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAY22

Manual Integrations  
 APPROVED

MMDadoda  
 7/29/2020 11:24:51 AM

Quant Time: Jul 25 00:35:14 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR072320WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Jul 25 00:05:26 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 181527   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 178559   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 89165    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 38477    | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 88.80%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 31842    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 96.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 66113    | 3.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.00%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 98053    | 47.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 94.58%  |
| 24) Chloroform-d               | 4.37   | 84    | 99486    | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.05   | 65    | 54990    | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.60% |
| 32) Benzene-d6                 | 5.07   | 84    | 175260   | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.09   | 67    | 48737    | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 89.00%  |
| 41) Toluene-d8                 | 7.33   | 98    | 160486   | 4.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.00%  |
| 45) trans-1,3-Dichloropropene- | 7.64   | 79    | 21596    | 4.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 87.00%  |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 67349    | 43.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 87.66%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 35491    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.20%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 67998    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.80% |

## Target Compounds

|                       |      |     |        | Ovalue |           |
|-----------------------|------|-----|--------|--------|-----------|
| 13) Acetone           | 2.24 | 43  | 11102m | 6.839  | ug/L      |
| 14) Carbon disulfide  | 2.31 | 76  | 8024   | 0.270  | ug/L # 93 |
| 33) Benzene           | 5.13 | 78  | 15786  | 0.312  | ug/L 100  |
| 35) Methylcyclohexane | 6.14 | 83  | 1774   | 0.083  | ug/L 86   |
| 42) Toluene           | 7.41 | 91  | 24879  | 0.451  | ug/L 98   |
| 54) Ethylbenzene      | 9.03 | 91  | 9629   | 0.156  | ug/L 97   |
| 55) m,p-xylene        | 9.16 | 106 | 5179   | 0.223  | ug/L 96   |
| 56) o-xylene          | 9.57 | 106 | 4603   | 0.204  | ug/L 98   |

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

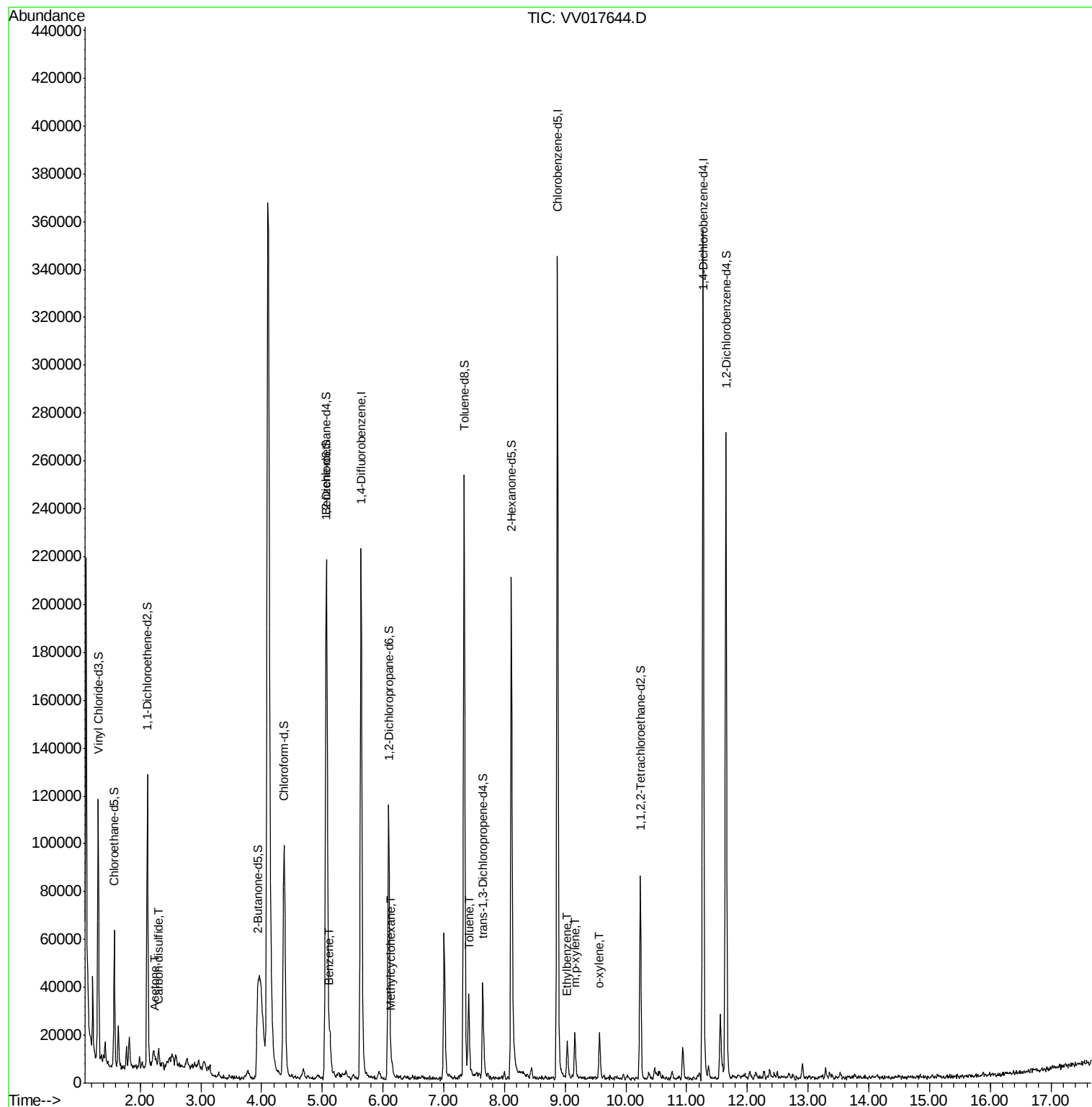
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV072420\  
Data File : VV017644.D  
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Operator : SY/MD  
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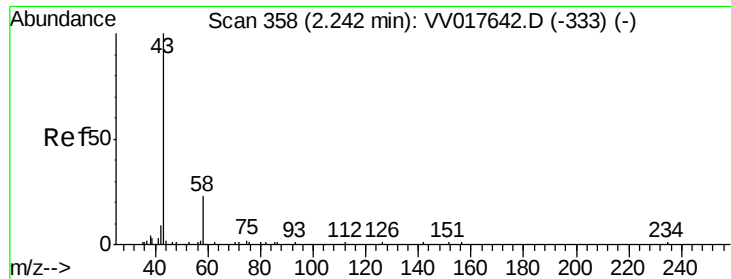
Instrument :  
MSVOA\_V  
ClientSampleId :  
GAY22

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Quant Time: Jul 25 00:35:14 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR072320WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Jul 25 00:05:26 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 6.839 ug/L m

RT: 2.24 min Scan# 359

Delta R.T. 0.00 min

Lab File: VV017644.D

Acq: 24 Jul 2020 13:15

Instrument :

MSVOA\_V

ClientSampleId :

GAY22

Tot Ion: 43 Resp: 11102

Ion Ratio Lower Upper

43 100

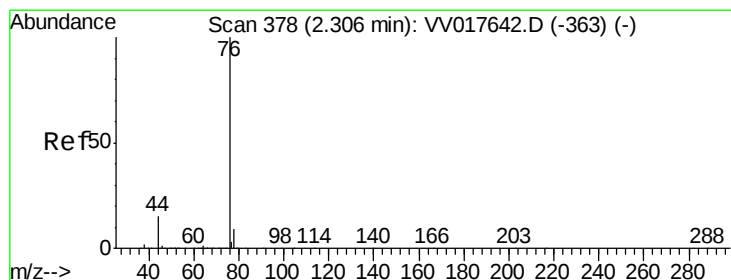
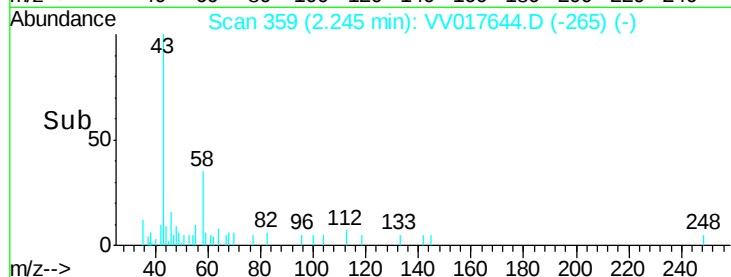
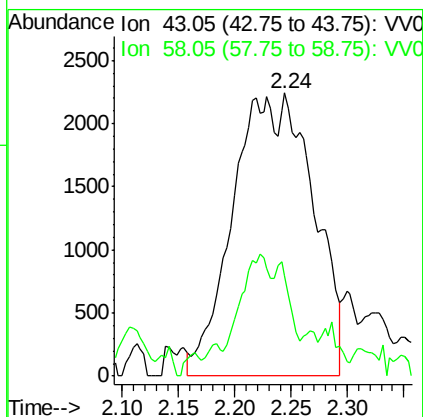
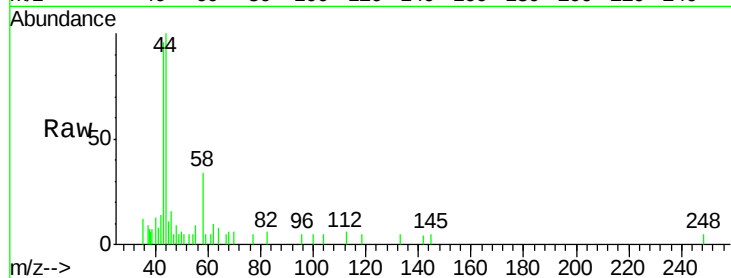
58 2.0 0.0 18.6

Manual Integrations

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#14

Carbon disulfide

Concen: 0.270 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VV017644.D

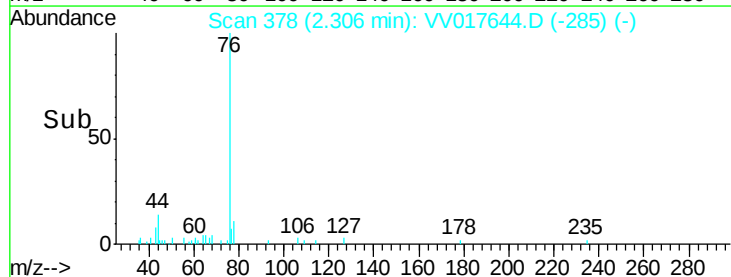
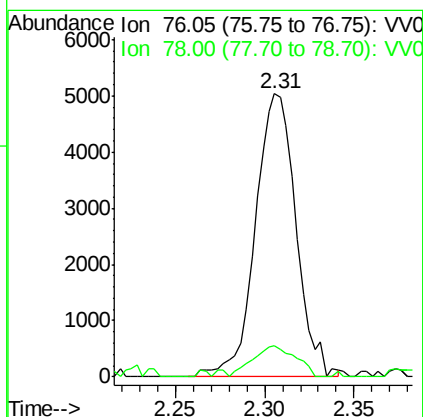
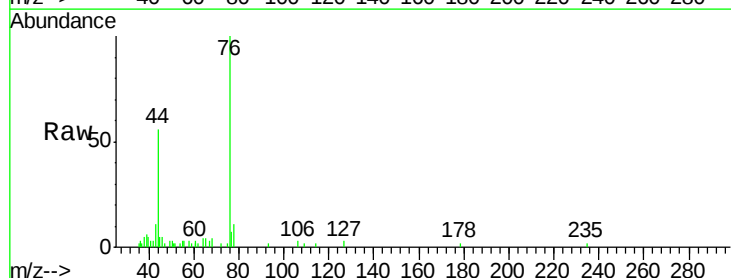
Acq: 24 Jul 2020 13:15

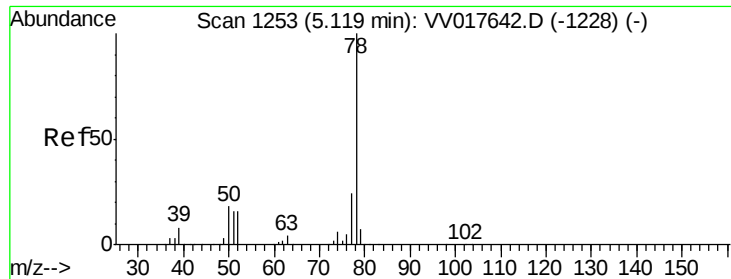
Tgt Ion: 76 Resp: 8024

Ion Ratio Lower Upper

76 100

78 10.8 6.6 10.0#





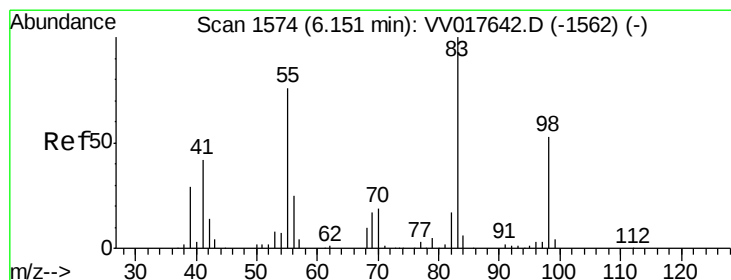
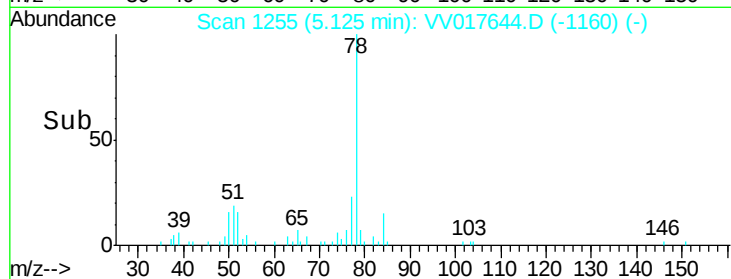
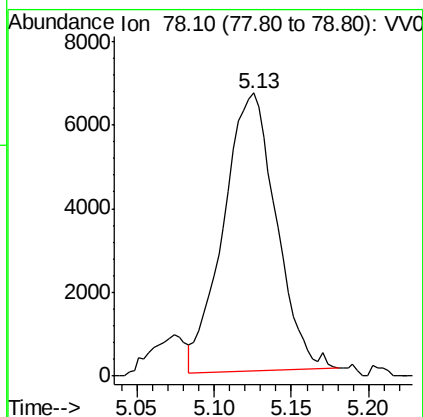
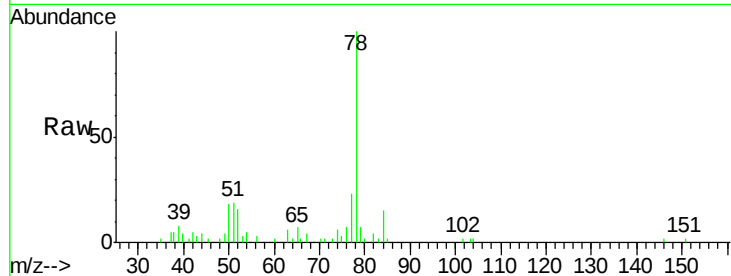
#33  
Benzene  
Concen: 0.312 ug/L  
RT: 5.13 min Scan# 1255  
Delta R.T. 0.01 min  
Lab File: VV017644.D  
Acq: 24 Jul 2020 13:15

Instrument :  
MSVOA\_V  
ClientSampleId :  
GAY22

Tgt Ion: 78 Resp: 15786

Manual Integrations  
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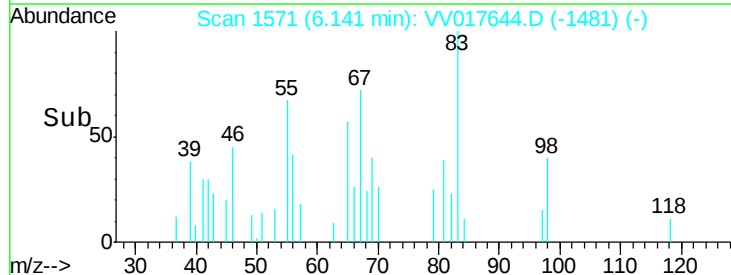
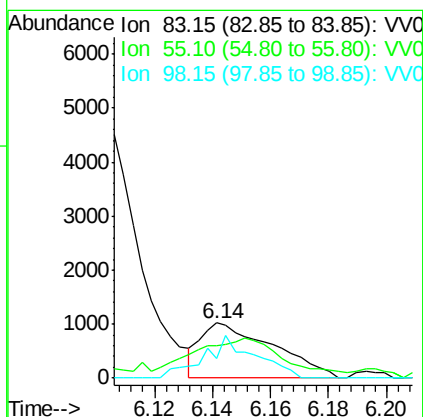
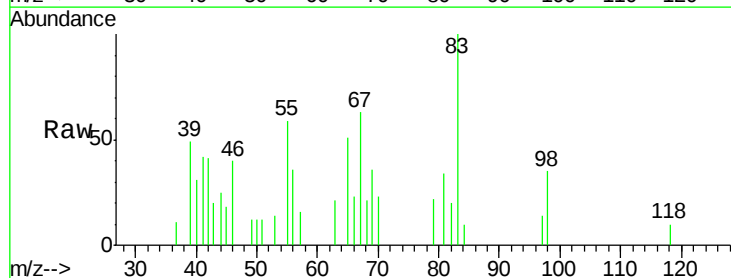
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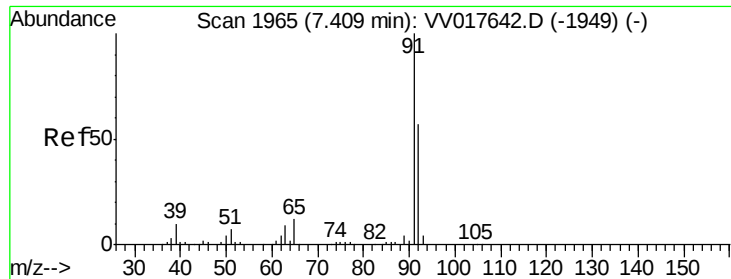


#35  
Methylcyclohexane  
Concen: 0.083 ug/L  
RT: 6.14 min Scan# 1571  
Delta R.T. -0.01 min  
Lab File: VV017644.D  
Acq: 24 Jul 2020 13:15

Tgt Ion: 83 Resp: 1774

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 92.1  | 61.8  | 92.8  |
| 98  | 54.2  | 39.0  | 58.6  |





#42

Toluene

Concen: 0.451 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV017644.D

Acq: 24 Jul 2020 13:15

Instrument :

MSVOA\_V

ClientSampleId :

GAY22

Tot Ion: 91 Resp: 24879

Ion Ratio Lower Upper

91 100

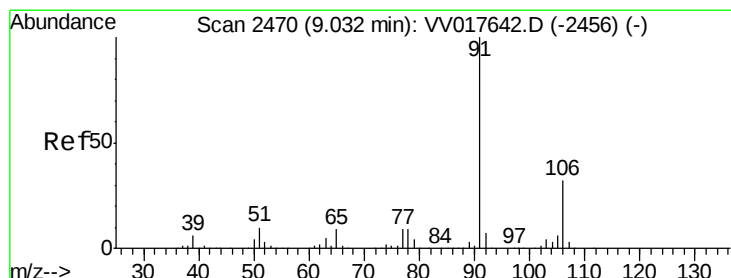
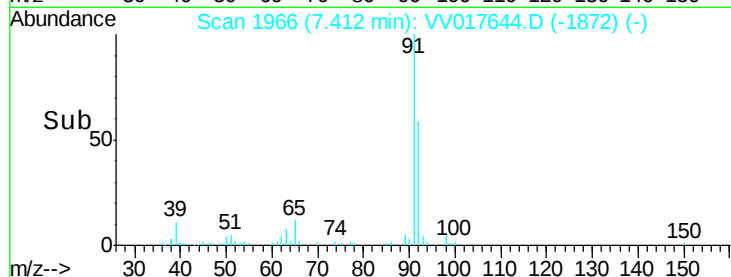
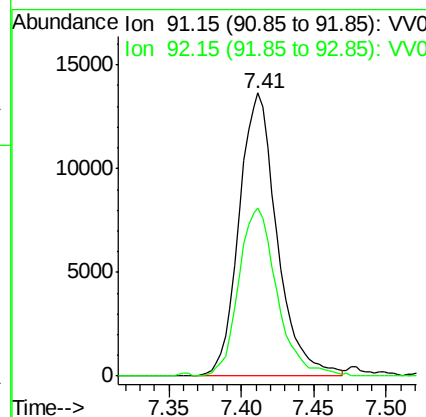
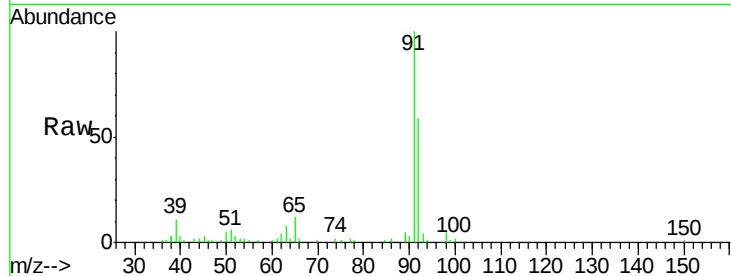
92 59.4 40.8 75.8

Manual Integrations

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#54

Ethylbenzene

Concen: 0.156 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV017644.D

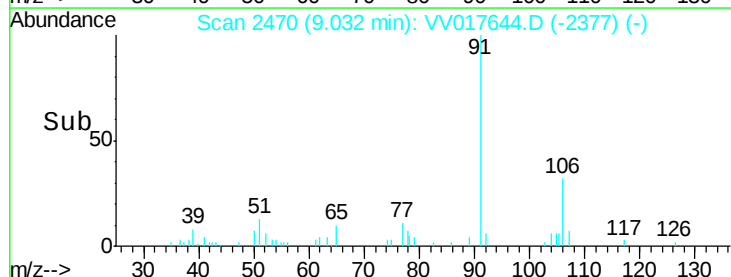
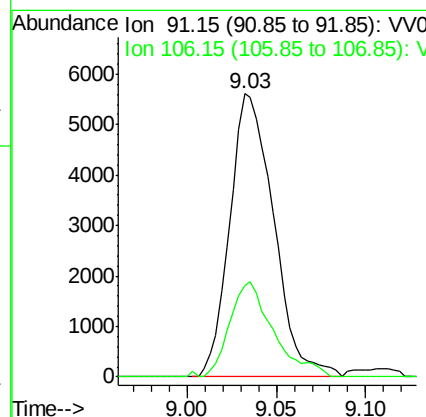
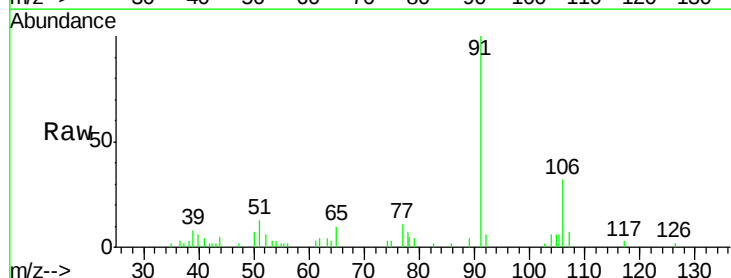
Acq: 24 Jul 2020 13:15

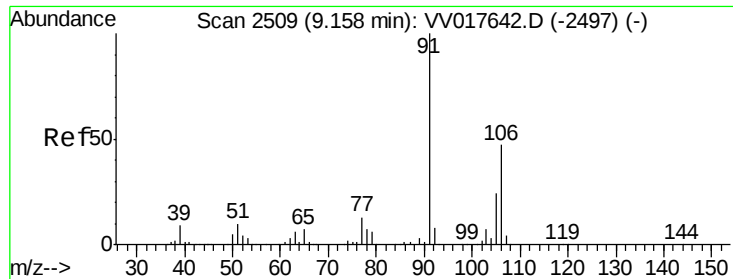
Tgt Ion: 91 Resp: 9629

Ion Ratio Lower Upper

91 100

106 32.4 21.6 40.2





#55

m,p-xylene

Concen: 0.223 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV017644.D

Acq: 24 Jul 2020 13:15

Instrument :  
MSVOA\_V  
ClientSampleId :  
GAY22

Tot Ion:106 Resp: 5179

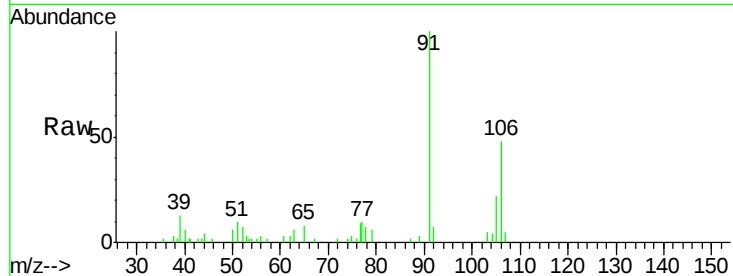
Ion Ratio Lower Upper

106 100

91 207.8 141.3 262.3

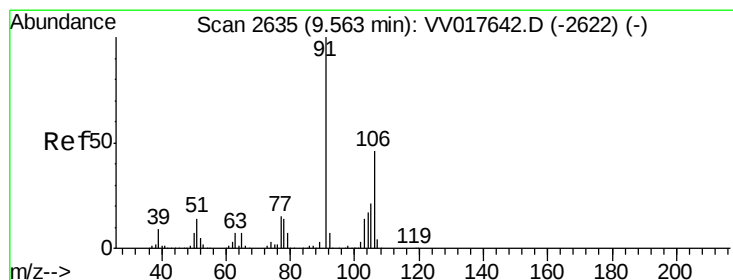
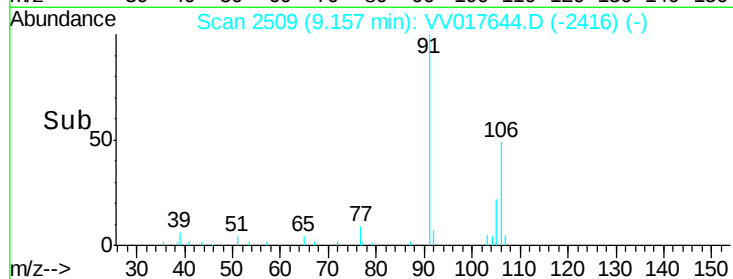
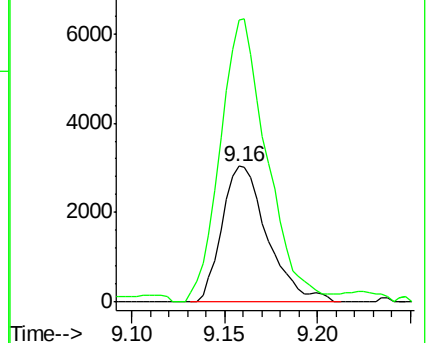
Manual Integrations  
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MMDadoda  
7/29/2020 11:24:51 AM



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

o-xylene

Concen: 0.204 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.01 min

Lab File: VV017644.D

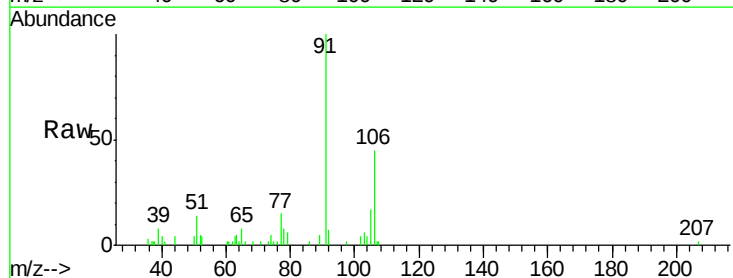
Acq: 24 Jul 2020 13:15

Tgt Ion:106 Resp: 4603

Ion Ratio Lower Upper

106 100

91 223.1 153.9 285.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

