

Data File : VR026527.D  
Acq On : 9 Apr 2019 21:26  
Operator : SY/MD  
Sample : K2285-11  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
BEZC9

Quant Time: Apr 10 05:46:50 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR040319WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Apr 10 05:42:05 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 595745   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.28 | 117  | 488666   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 142890   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.14   | 65    | 177419   | 3.92     | ug/L | -0.02   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 78.40%  |
| 7) Chloroethane-d5             | 2.62   | 69    | 161737   | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 85.80%  |
| 11) 1,1-Dichloroethene-d2      | 3.61   | 63    | 365095   | 3.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 62.40%  |
| 20) 2-Butanone-d5              | 6.59   | 46    | 167016   | 41.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 82.78%  |
| 24) Chloroform-d               | 7.20   | 84    | 350544   | 4.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 81.40%  |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 153437   | 4.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 84.80%  |
| 32) Benzene-d6                 | 7.85   | 84    | 646832   | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.60%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 170436   | 4.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 84.20%  |
| 41) Toluene-d8                 | 9.97   | 98    | 595012   | 4.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.00%  |
| 43) trans-1,3-Dichloropropene- | 10.23  | 79    | 29701    | 2.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 55.40%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 137788   | 47.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.78%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 71612    | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 90.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.52  | 152   | 119604   | 5.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 110.60% |

#### Target Compounds

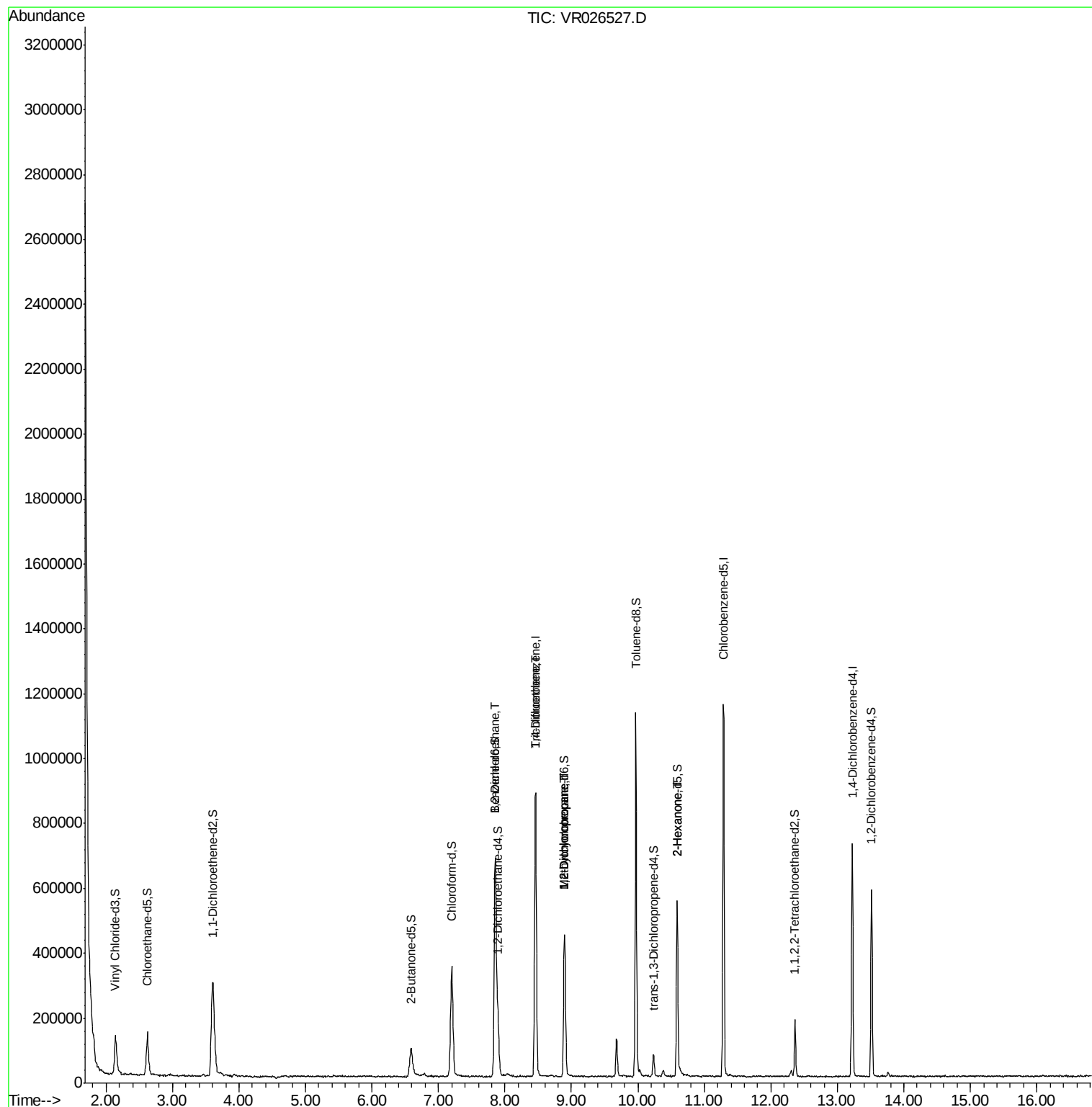
|                         |       |    |       |       |        | Qvalue |
|-------------------------|-------|----|-------|-------|--------|--------|
| 27) 1,2-Dichloroethane  | 7.86  | 62 | 4584  | 0.104 | ug/L   | 98     |
| 34) Trichloroethene     | 8.46  | 95 | 20686 | 0.404 | ug/L # | 13     |
| 35) Methylcyclohexane   | 8.90  | 83 | 44797 | 0.614 | ug/L # | 14     |
| 37) 1,2-Dichloropropane | 8.90  | 63 | 23864 | 0.570 | ug/L # | 93     |
| 48) 2-Hexanone          | 10.59 | 43 | 23472 | 2.878 | ug/L # | 72     |

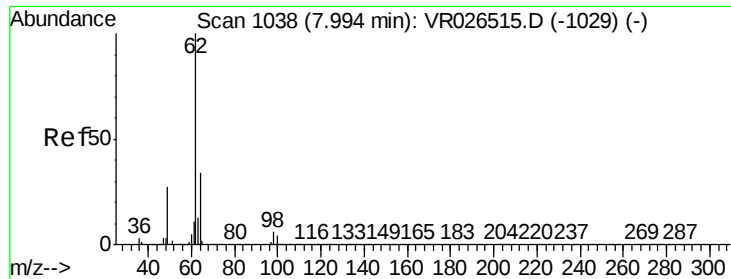
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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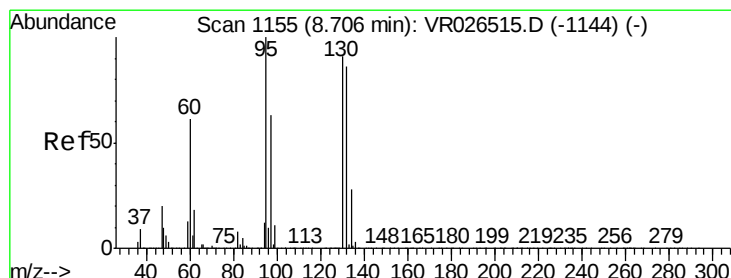
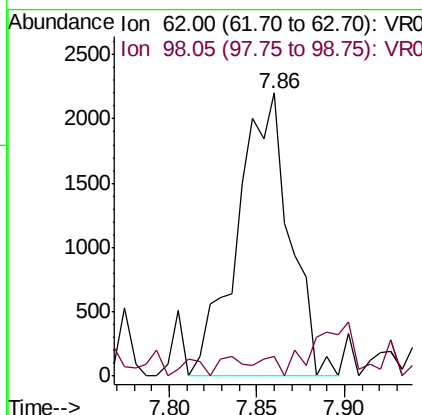
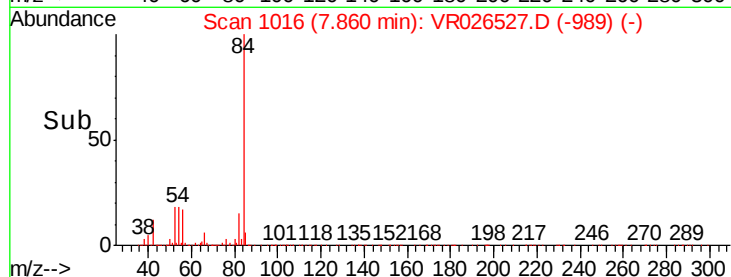
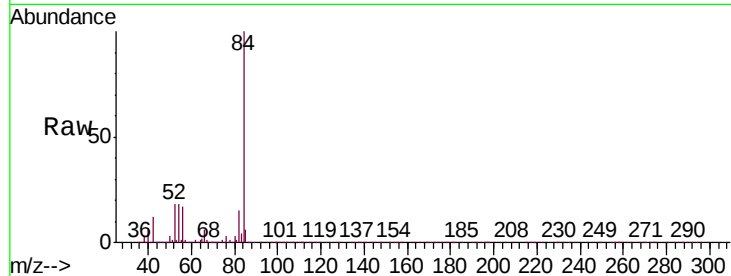




#27  
 1,2-Dichloroethane  
 Concen: 0.104 ug/L  
 RT: 7.86 min Scan# 1016  
 Delta R.T. -0.13 min  
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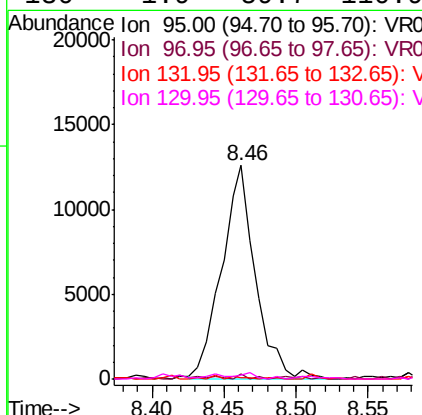
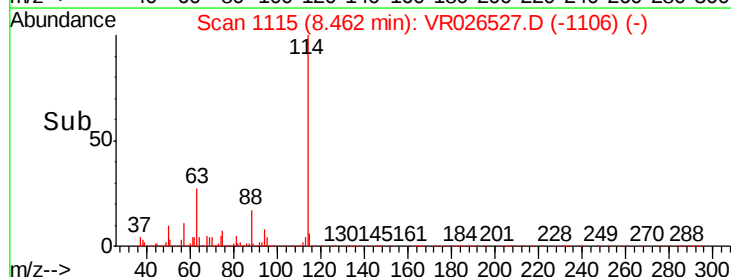
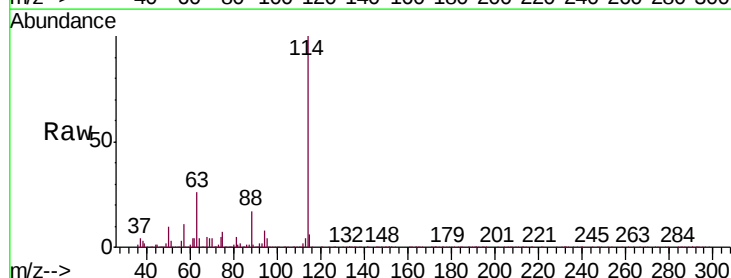
Instrument :  
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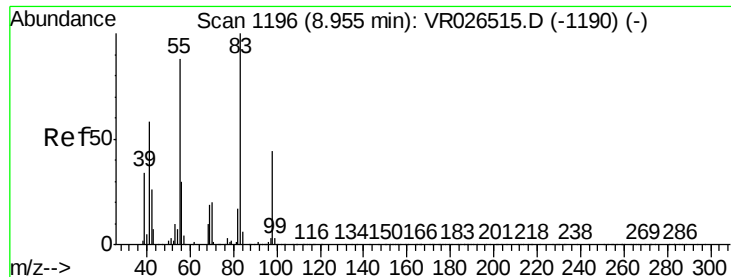
Tgt Ion: 62 Resp: 4584  
 Ion Ratio Lower Upper  
 62 100  
 98 6.8 4.8 7.2



#34  
 Trichloroethene  
 Concen: 0.404 ug/L  
 RT: 8.46 min Scan# 1115  
 Delta R.T. -0.24 min  
 Lab File: VR026527.D  
 Acq: 9 Apr 2019 21:26

Tgt Ion: 95 Resp: 20686  
 Ion Ratio Lower Upper  
 95 100  
 97 2.3 43.8 81.3#  
 132 0.7 57.2 106.2#  
 130 1.9 59.7 110.9#

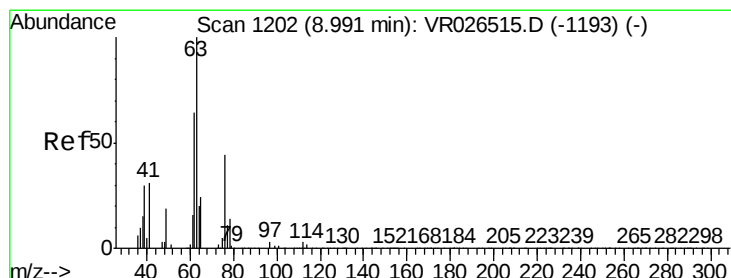
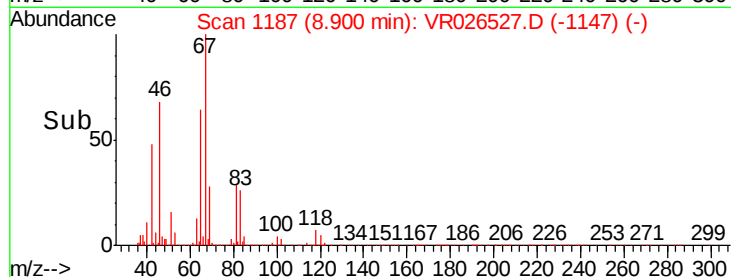
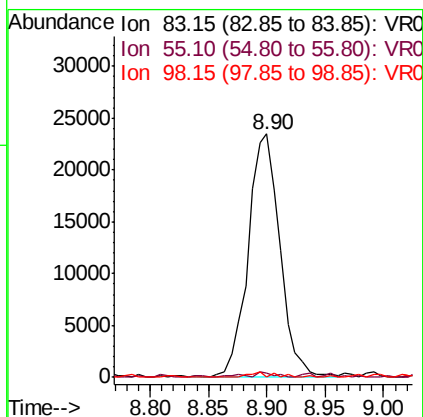
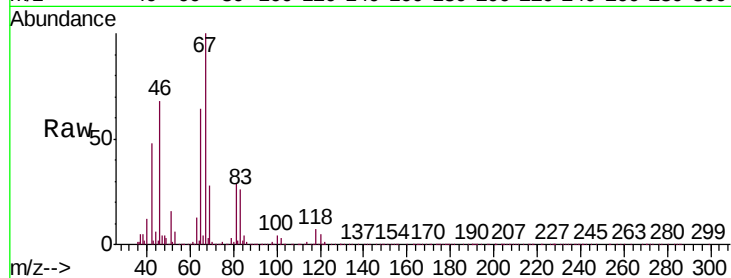




#35  
Methylcyclohexane  
Concen: 0.614 ug/L  
RT: 8.90 min Scan# 1187  
Delta R.T. -0.05 min  
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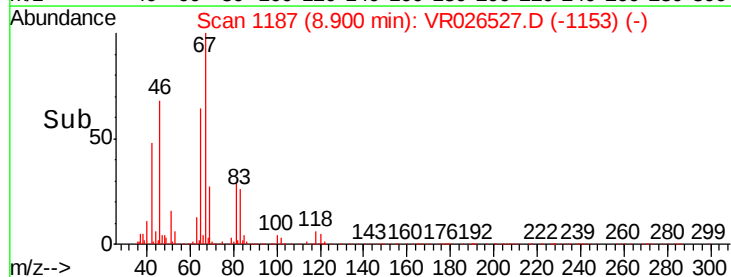
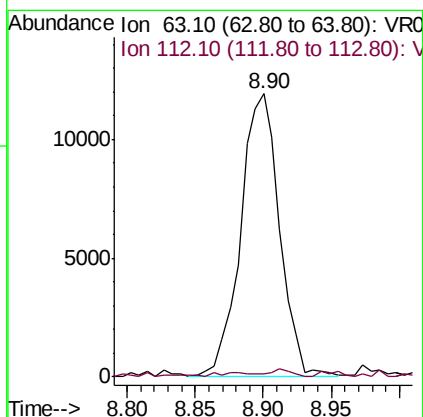
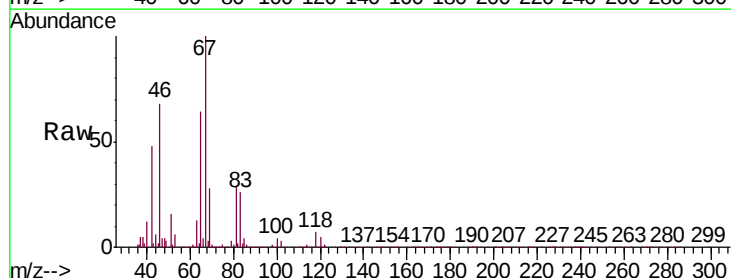
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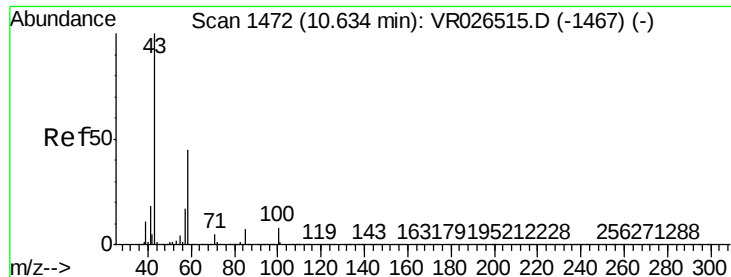
Tgt Ion: 83 Resp: 44797  
Ion Ratio Lower Upper  
83 100  
55 1.2 73.8 110.6#  
98 1.7 34.6 51.8#



#37  
1,2-Dichloropropane  
Concen: 0.570 ug/L  
RT: 8.90 min Scan# 1187  
Delta R.T. -0.09 min  
Lab File: VR026527.D  
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Tgt Ion: 63 Resp: 23864  
Ion Ratio Lower Upper  
63 100  
112 1.2 2.8 4.2#





#48  
 2-Hexanone  
 Concen: 2.878 ug/L  
 RT: 10.59 min Scan# 1465  
 Delta R.T. -0.04 min  
 Lab File: VR026527.D  
 Acq: 9 Apr 2019 21:26

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 BEZC9

Tgt Ion: 43 Resp: 23472  
 Ion Ratio Lower Upper  
 43 100  
 58 31.1 38.2 57.2#  
 57 36.6 13.8 20.6#  
 100 2.2 6.2 9.2#

