

Data File : VV014751.D  
Acq On : 05 Mar 2020 11:27  
Operator : SY/MD  
Sample : VV0305WBL01  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK31

Quant Time: Mar 06 02:41:25 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR022820WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Mar 06 02:39:22 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 224925   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 214006   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 101752   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 69864    | 3.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 79.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 65581    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 99915    | 3.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 66.80%  |
| 20) 2-Butanone-d5              | 3.98   | 46    | 191644   | 52.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 105.30% |
| 24) Chloroform-d               | 4.40   | 84    | 160119   | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.40% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 86034    | 5.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 111.00% |
| 32) Benzene-d6                 | 5.09   | 84    | 324079   | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.40% |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 105198   | 5.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 108.40% |
| 41) Toluene-d8                 | 7.35   | 98    | 285538   | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.60%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 36863    | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 98.20%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 151654   | 49.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.86%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25  | 84    | 73613    | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 106.00% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 105522   | 5.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 111.80% |

#### Target Compounds

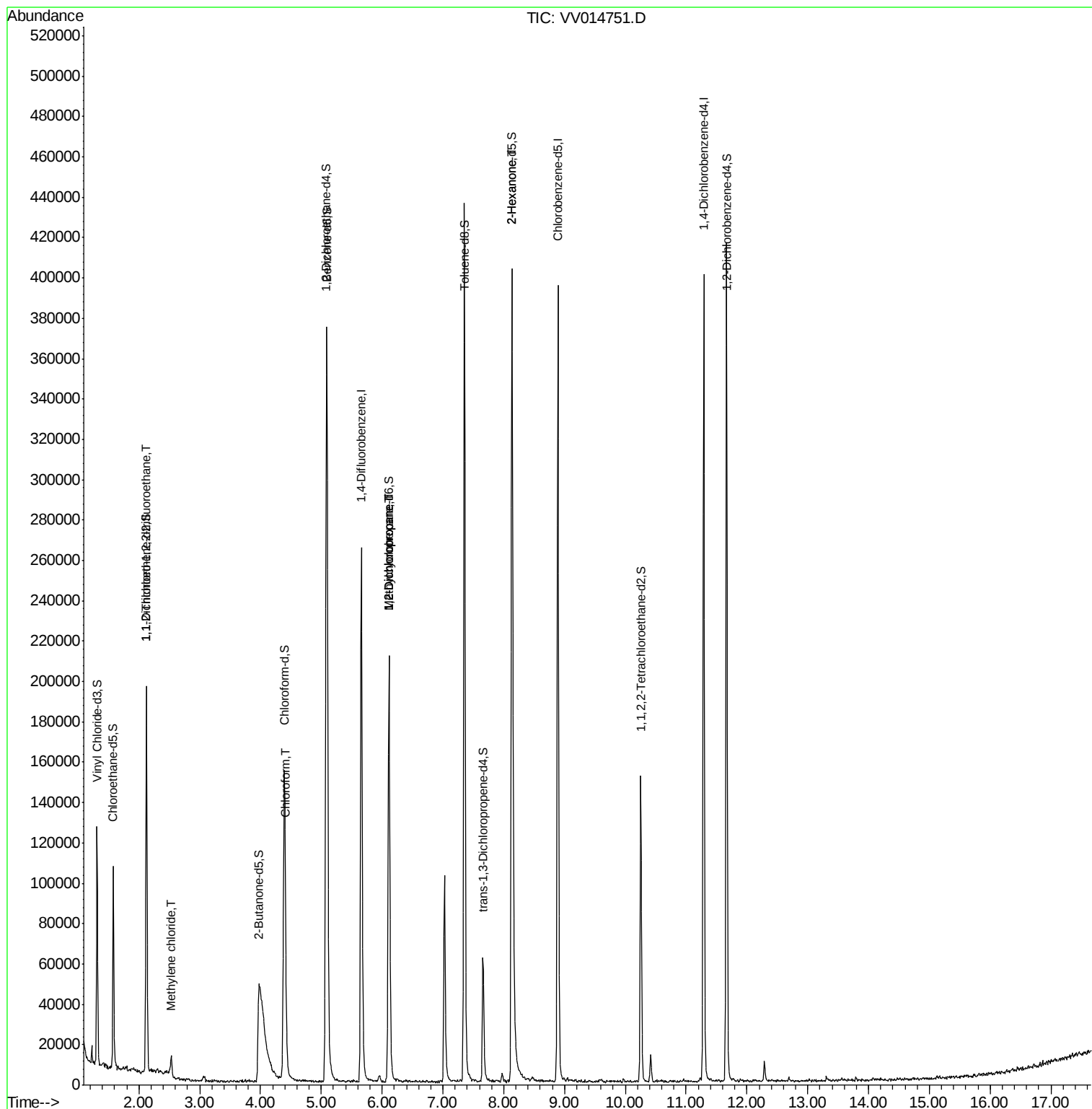
|                                |      |     |       |       | Qvalue |    |
|--------------------------------|------|-----|-------|-------|--------|----|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.13 | 101 | 1052  | 0.071 | ug/L # | 26 |
| 16) Methylene chloride         | 2.53 | 84  | 4983  | 0.281 | ug/L   | 95 |
| 25) Chloroform                 | 4.42 | 83  | 8519  | 0.259 | ug/L   | 97 |
| 35) Methylcyclohexane          | 6.11 | 83  | 25433 | 0.812 | ug/L # | 17 |
| 37) 1,2-Dichloropropane        | 6.11 | 63  | 11740 | 0.654 | ug/L # | 89 |
| 48) 2-Hexanone                 | 8.14 | 43  | 23518 | 3.071 | ug/L # | 78 |

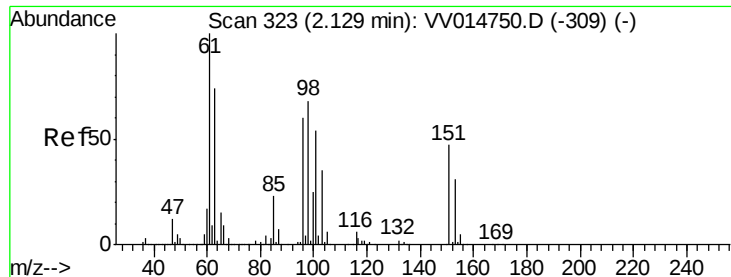
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.071 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV014751.D

Acq: 05 Mar 2020 11:27

Instrument :

MSVOA\_V

ClientSampled :

VBLK31

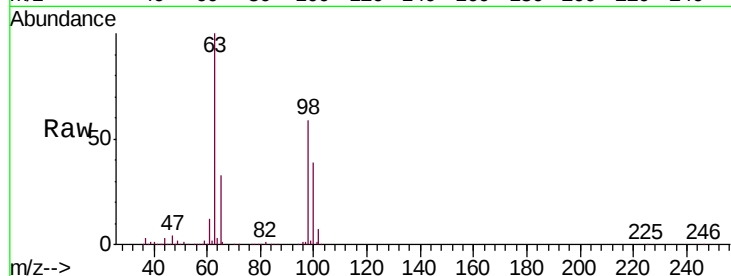
Tgt Ion: 101 Resp: 1052

Ion Ratio Lower Upper

101 100

85 17.9 35.3 52.9#

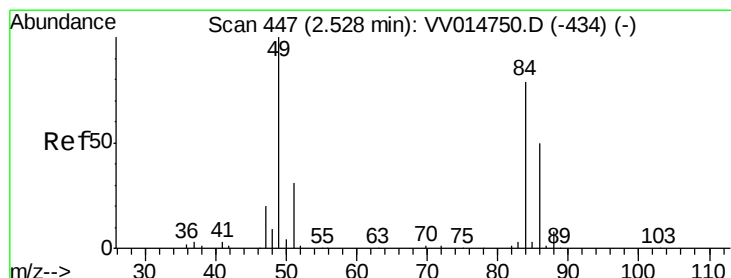
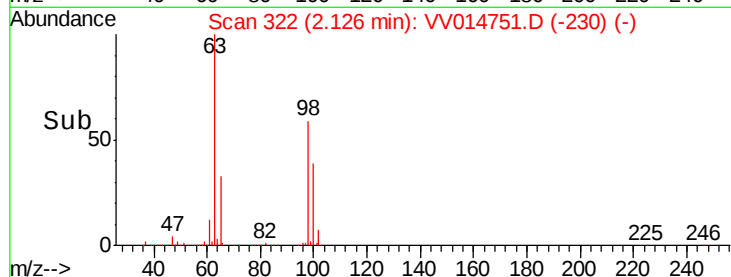
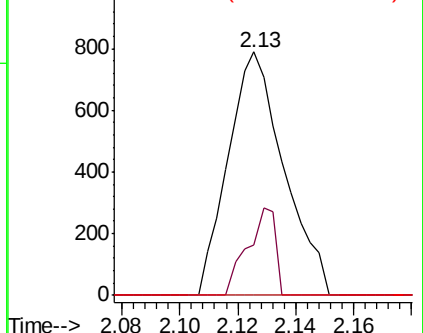
151 0.0 65.3 97.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 0.281 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV014751.D

Acq: 05 Mar 2020 11:27

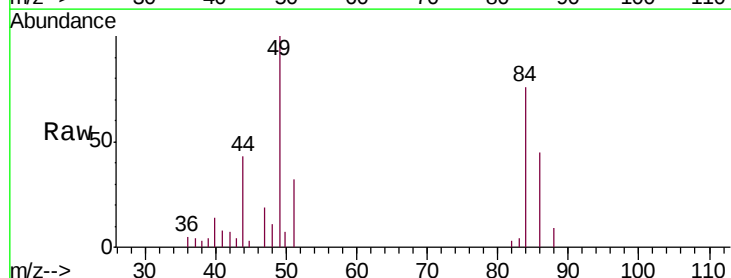
Tgt Ion: 84 Resp: 4983

Ion Ratio Lower Upper

84 100

86 58.7 44.9 83.5

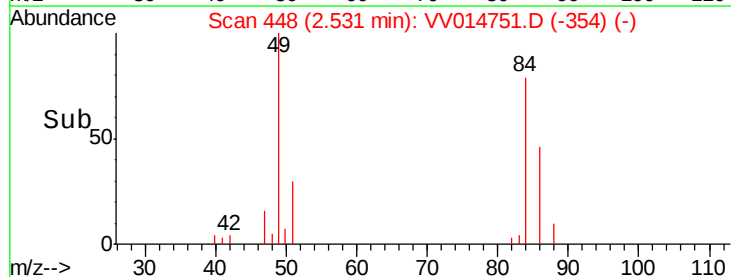
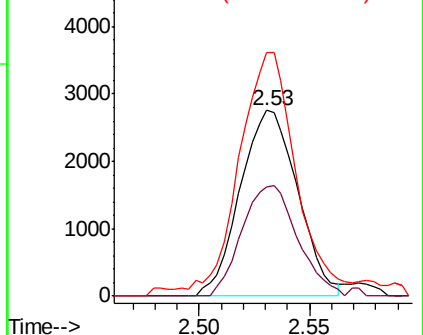
49 131.1 95.6 177.6

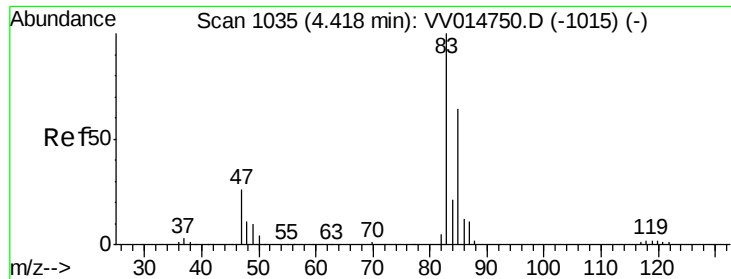


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

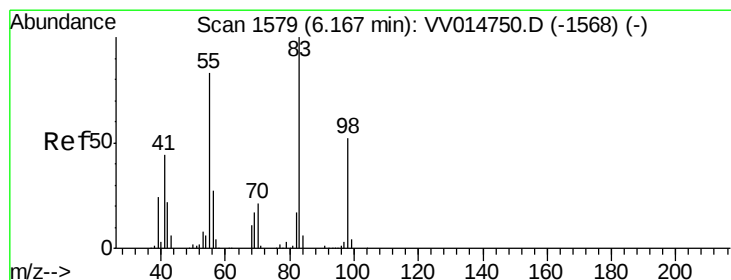
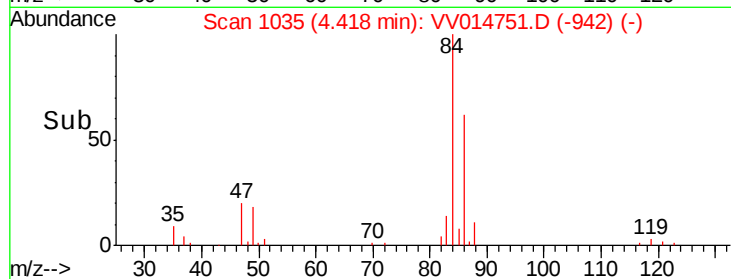
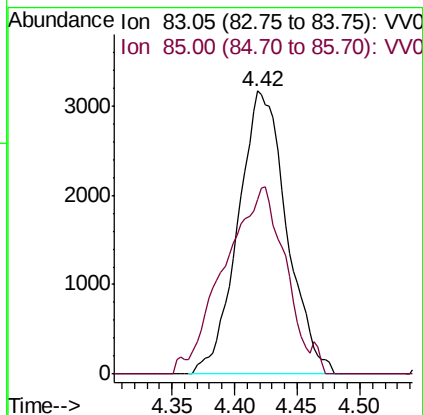
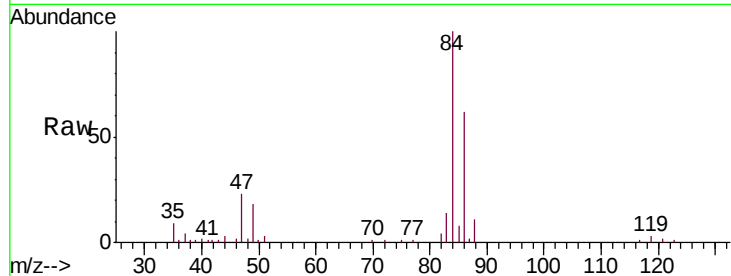




#25  
Chloroform  
Concen: 0.259 ug/L  
RT: 4.42 min Scan# 1035  
Delta R.T. -0.00 min  
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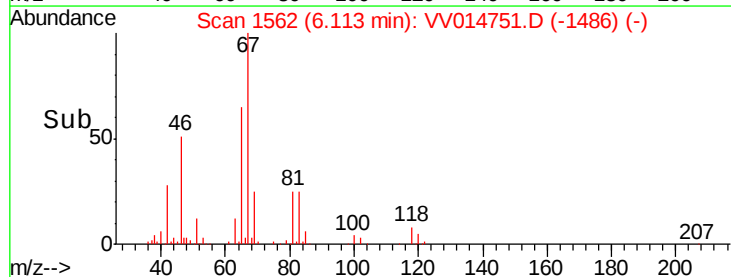
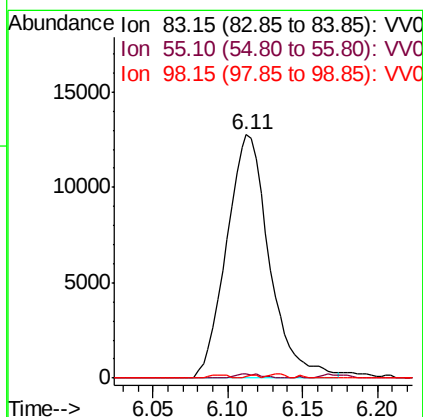
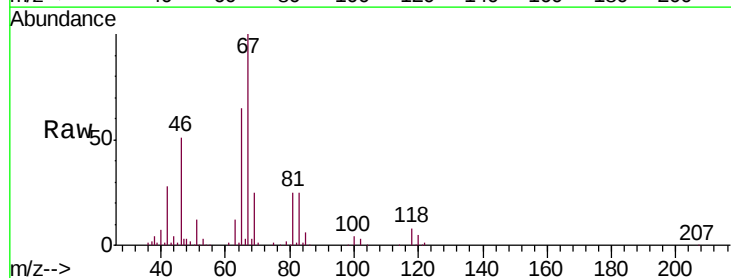
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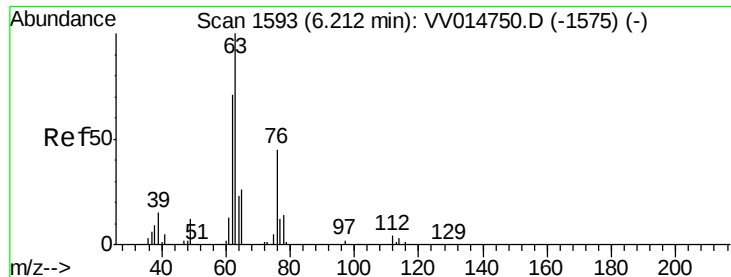
Tgt Ion: 83 Resp: 8519  
Ion Ratio Lower Upper  
83 100  
85 61.6 44.7 83.1



#35  
Methylcyclohexane  
Concen: 0.812 ug/L  
RT: 6.11 min Scan# 1562  
Delta R.T. -0.05 min  
Lab File: VV014751.D  
Acq: 05 Mar 2020 11:27

Tgt Ion: 83 Resp: 25433  
Ion Ratio Lower Upper  
83 100  
55 1.0 64.6 96.8#  
98 0.3 37.8 56.8#





#37

1,2-Dichloropropane

Concen: 0.654 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV014751.D

Acq: 05 Mar 2020 11:27

Instrument :

MSVOA\_V

ClientSampleId :

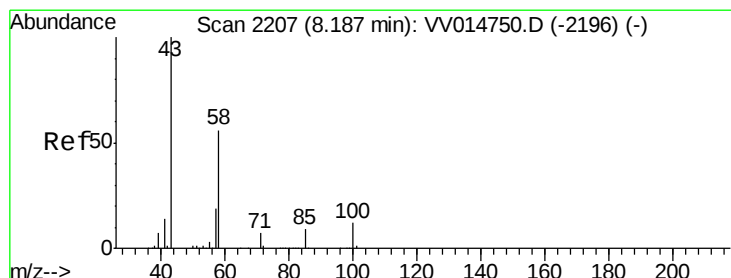
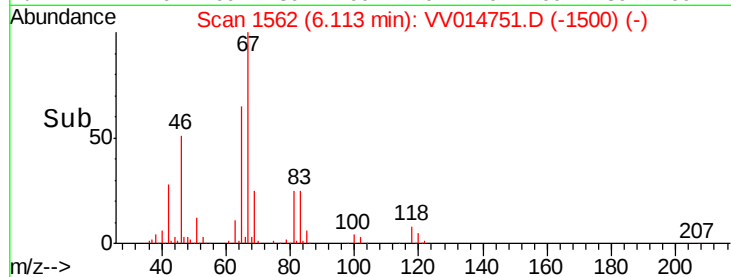
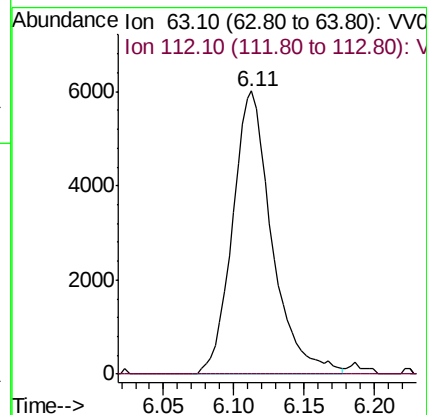
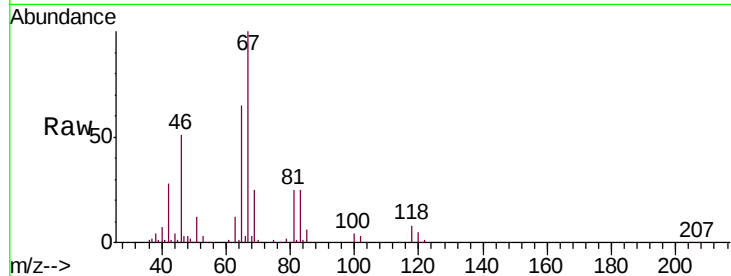
VBLK31

Tgt Ion: 63 Resp: 11740

Ion Ratio Lower Upper

63 100

112 0.6 3.4 5.0#



#48

2-Hexanone

Concen: 3.071 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV014751.D

Acq: 05 Mar 2020 11:27

Tgt Ion: 43 Resp: 23518

Ion Ratio Lower Upper

43 100

58 36.9 43.1 64.7#

57 24.4 14.6 21.8#

100 0.2 9.0 13.4#

