

Data File : VV014720.D  
Acq On : 28 Feb 2020 20:30  
Operator : SY/MD  
Sample : L1730-04  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
COXW0

Quant Time: Feb 28 23:40:42 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR022820WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Feb 28 23:36:40 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 261149   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 246217   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 118271   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 100383   | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 98.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 80405    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 100.60% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 126206   | 3.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 72.60%  |
| 20) 2-Butanone-d5              | 3.98   | 46    | 211200   | 49.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 99.96%  |
| 24) Chloroform-d               | 4.40   | 84    | 177956   | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 93804    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.20% |
| 32) Benzene-d6                 | 5.09   | 84    | 369045   | 5.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.40% |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 114898   | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 102.80% |
| 41) Toluene-d8                 | 7.35   | 98    | 325594   | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.60%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 40321    | 4.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 93.40%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 171400   | 49.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 98.10%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 80323    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 115453   | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 105.20% |

#### Target Compounds

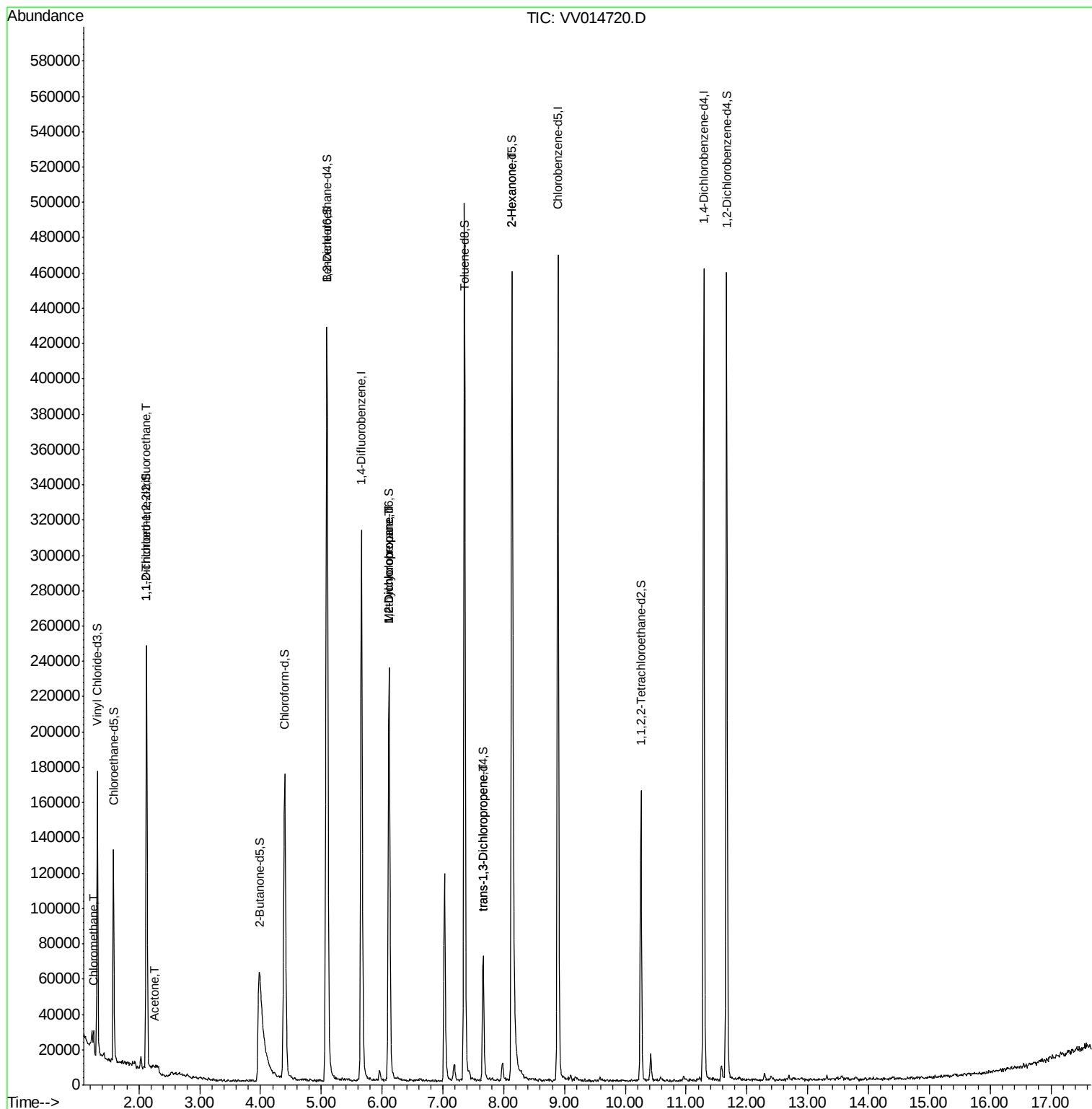
|                                |      |     |       |       |        | Qvalue |
|--------------------------------|------|-----|-------|-------|--------|--------|
| 3) Chloromethane               | 1.25 | 50  | 7037  | 0.266 | ug/L   | 97     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.13 | 101 | 1400  | 0.081 | ug/L # | 23     |
| 13) Acetone                    | 2.25 | 43  | 4794  | 1.686 | ug/L   | 86     |
| 35) Methylcyclohexane          | 6.12 | 83  | 26806 | 0.744 | ug/L # | 18     |
| 37) 1,2-Dichloropropane        | 6.11 | 63  | 12683 | 0.614 | ug/L # | 88     |
| 44) trans-1,3-Dichloropropene  | 7.66 | 75  | 1763  | 0.076 | ug/L   | 86     |
| 48) 2-Hexanone                 | 8.13 | 43  | 26180 | 2.971 | ug/L # | 87     |

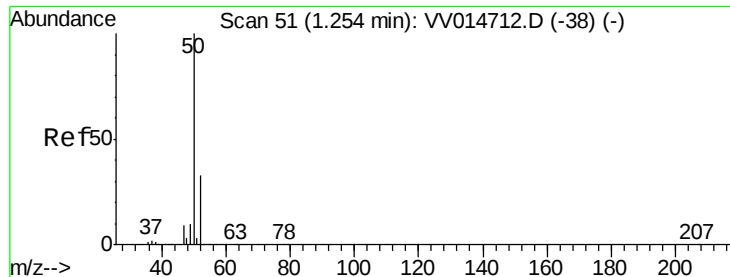
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.266 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV014720.D

Acq: 28 Feb 2020 20:30

Instrument :

MSVOA\_V

ClientSampleId :

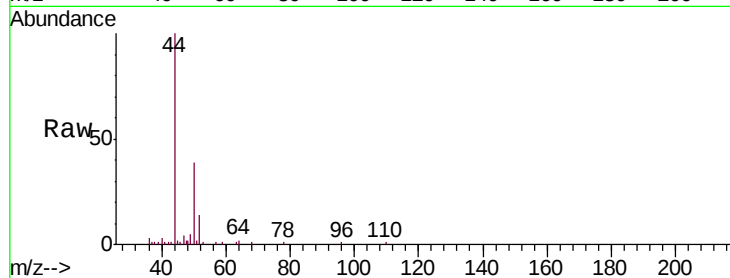
C0XW0

Tgt Ion: 50 Resp: 7037

Ion Ratio Lower Upper

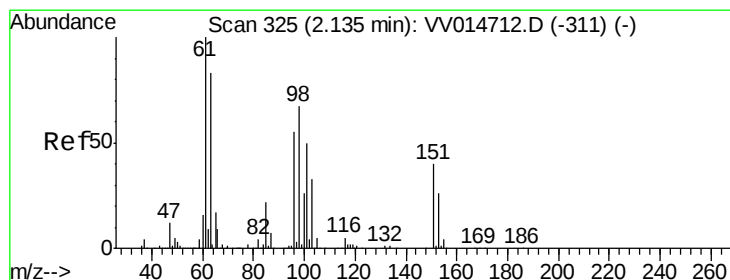
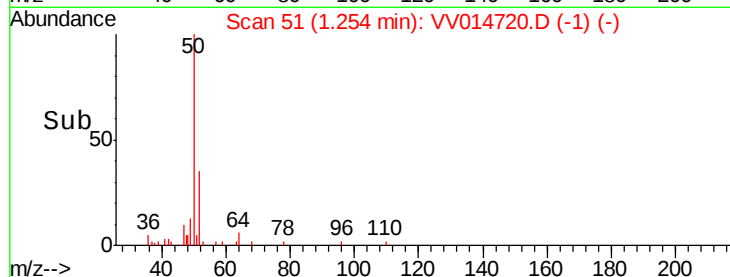
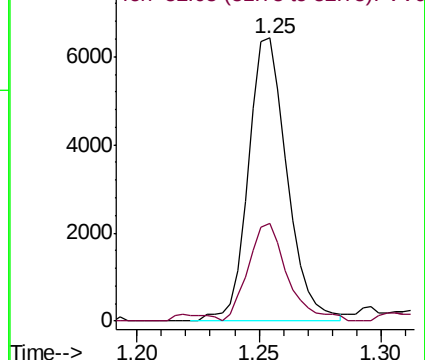
50 100

52 34.6 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#10

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

Concen: 0.081 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014720.D

Acq: 28 Feb 2020 20:30

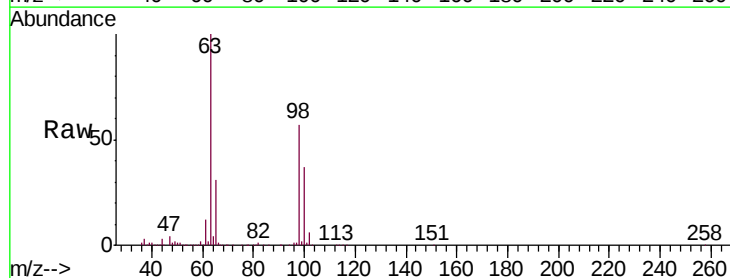
Tgt Ion: 101 Resp: 1400

Ion Ratio Lower Upper

101 100

85 3.1 35.3 52.9#

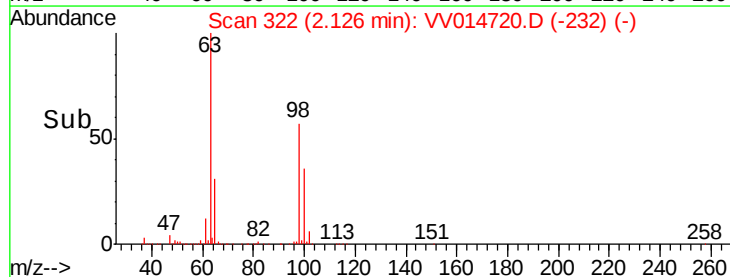
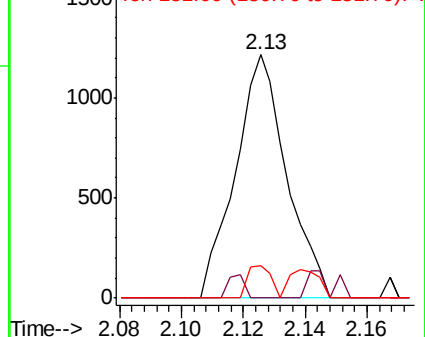
151 6.1 65.3 97.9#

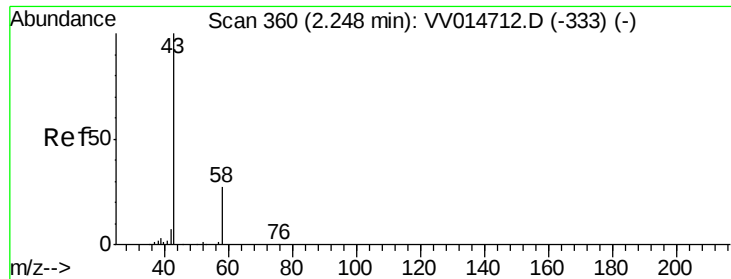


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 1.686 ug/L

RT: 2.25 min Scan# 361

Delta R.T. 0.00 min

Lab File: VV014720.D

Acq: 28 Feb 2020 20:30

Instrument :

MSVOA\_V

ClientSampleId :

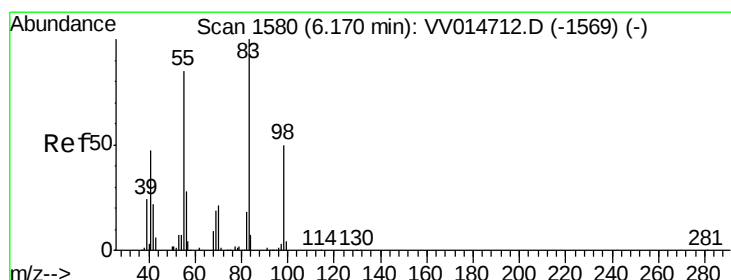
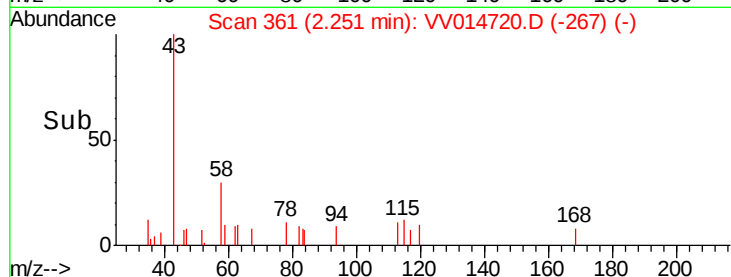
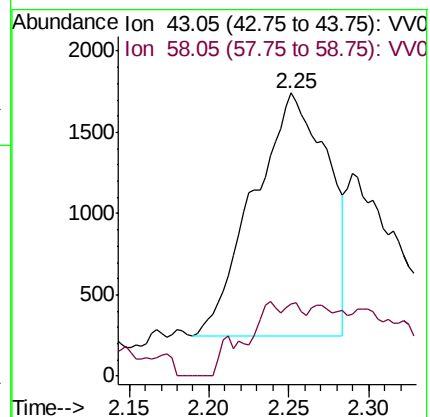
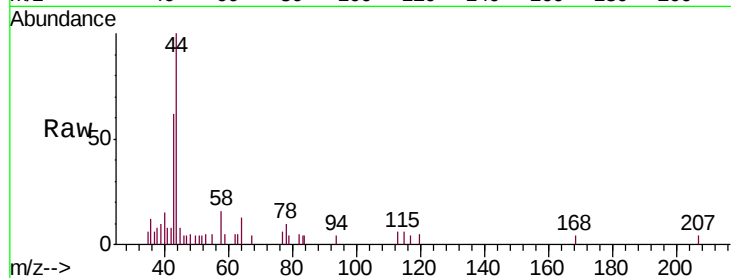
C0XW0

Tgt Ion: 43 Resp: 4794

Ion Ratio Lower Upper

43 100

58 4.7 0.0 20.0



#35

Methylcyclohexane

Concen: 0.744 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV014720.D

Acq: 28 Feb 2020 20:30

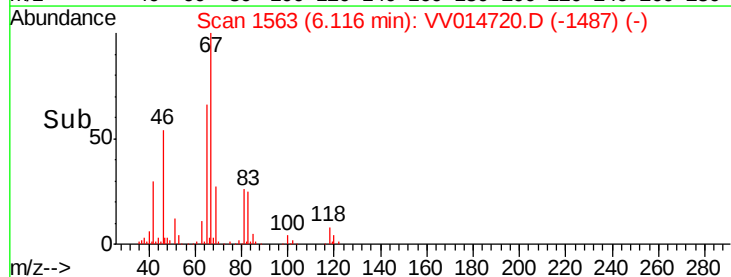
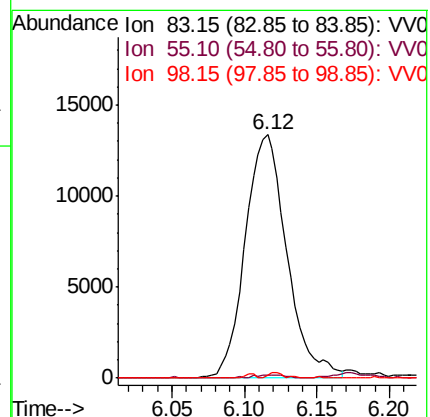
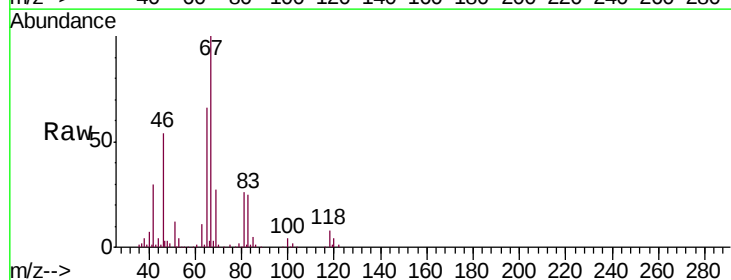
Tgt Ion: 83 Resp: 26806

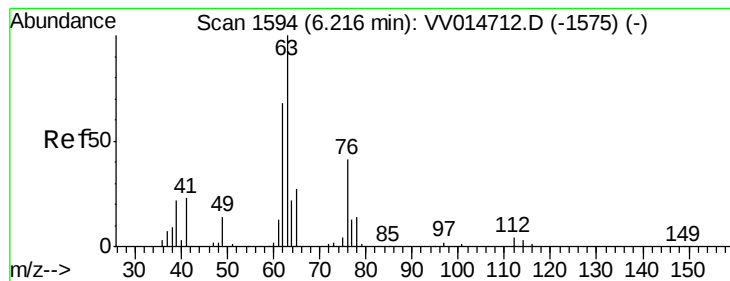
Ion Ratio Lower Upper

83 100

55 0.9 64.6 96.8#

98 0.9 37.8 56.8#





#37

1,2-Dichloropropane

Concen: 0.614 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV014720.D

Acq: 28 Feb 2020 20:30

Instrument :

MSVOA\_V

ClientSampled :

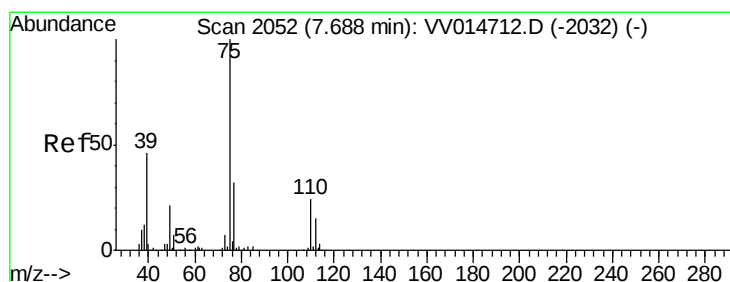
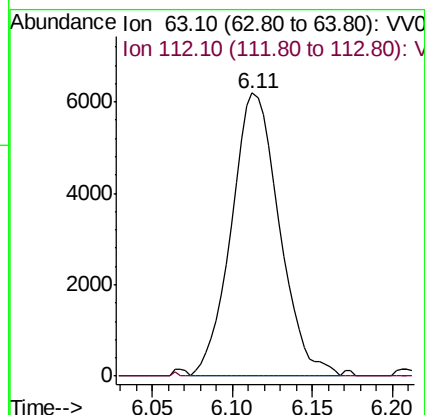
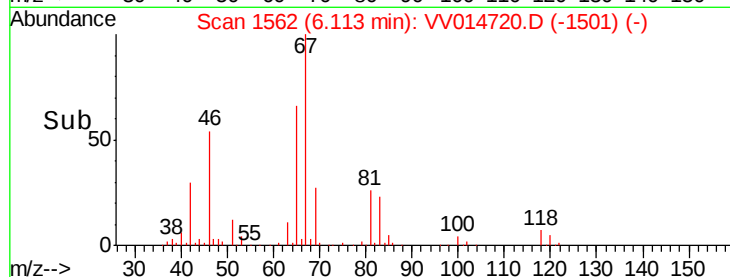
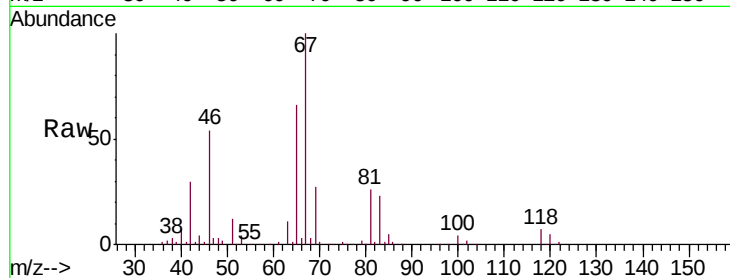
C0XW0

Tgt Ion: 63 Resp: 12683

Ion Ratio Lower Upper

63 100

112 0.2 3.4 5.0#



#44

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV014720.D

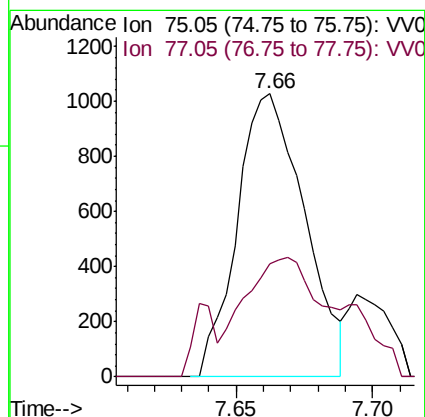
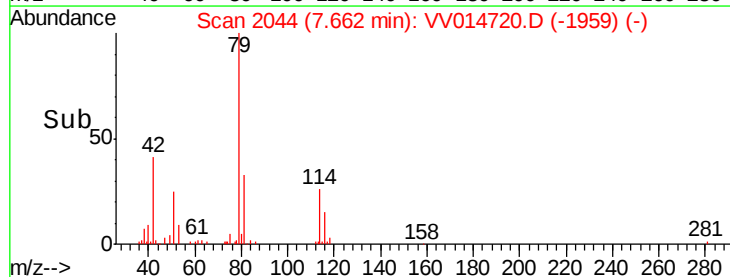
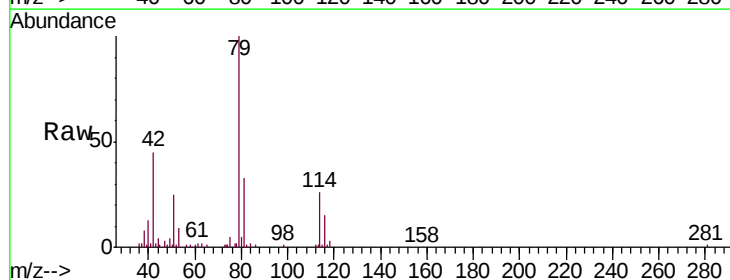
Acq: 28 Feb 2020 20:30

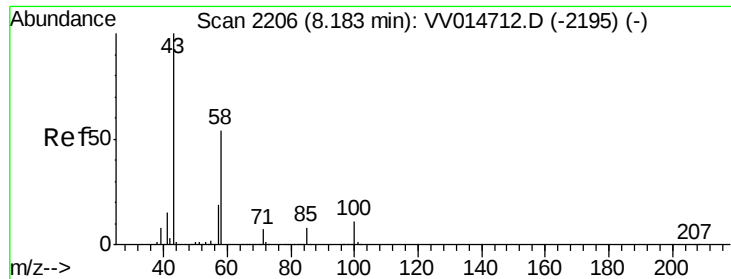
Tgt Ion: 75 Resp: 1763

Ion Ratio Lower Upper

75 100

77 39.9 22.5 41.9





#48

2-Hexanone

Concen: 2.971 ug/L

RT: 8.13 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV014720.D

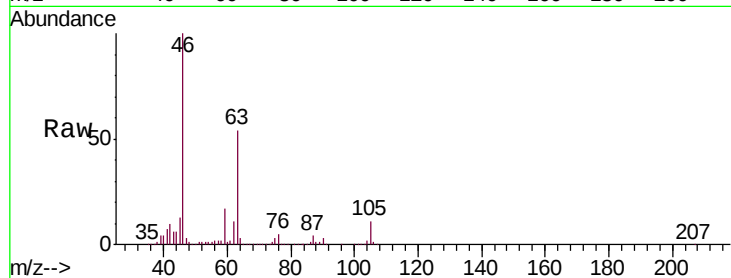
Acq: 28 Feb 2020 20:30

Instrument :

MSVOA\_V

ClientSampleId :

C0XW0



Tgt Ion: 43 Resp: 26180

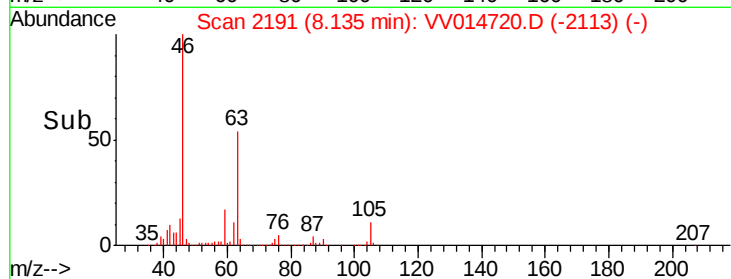
Ion Ratio Lower Upper

43 100

58 46.4 43.1 64.7

57 22.7 14.6 21.8#

100 0.2 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

