

Data File : VU032753.D  
Acq On : 15 Jun 2019 04:46  
Operator : JC/SP  
Sample : K3385-04  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
COM72

Quant Time: Jun 15 05:07:44 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR060419WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Jun 15 05:04:04 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 97137    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 93686    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 44977    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 26381    | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 83.60%  |
| 7) Chloroethane-d5             | 1.67   | 69    | 24287    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 90.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 42369    | 3.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 66.20%  |
| 20) 2-Butanone-d5              | 4.18   | 46    | 102300   | 58.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 116.08% |
| 24) Chloroform-d               | 4.64   | 84    | 59481    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.20% |
| 26) 1,2-Dichloroethane-d4      | 5.30   | 65    | 34282    | 5.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 116.00% |
| 32) Benzene-d6                 | 5.33   | 84    | 112489   | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 37659    | 5.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 105.00% |
| 41) Toluene-d8                 | 7.56   | 98    | 95826    | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.00%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 14121    | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 92.00%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 76212    | 49.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.16%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 32767    | 5.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 108.20% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 40311    | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 99.60%  |

#### Target Compounds

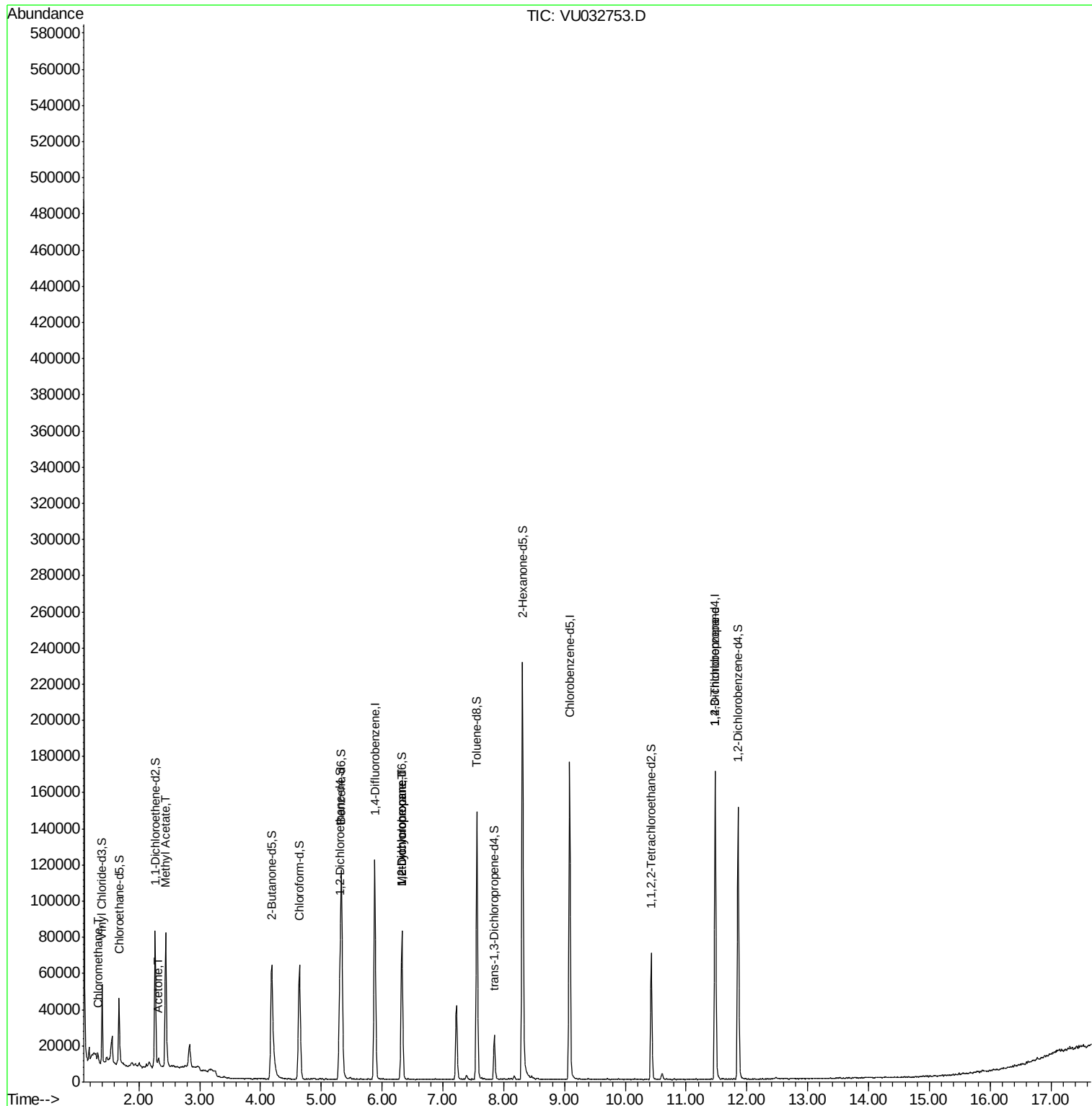
|                            |       |    |       |              | Qvalue |
|----------------------------|-------|----|-------|--------------|--------|
| 3) Chloromethane           | 1.33  | 50 | 2845  | 0.329 ug/L   | 91     |
| 13) Acetone                | 2.32  | 43 | 4126  | 3.016 ug/L   | 99     |
| 15) Methyl Acetate         | 2.44  | 43 | 17715 | 4.720 ug/L # | 53     |
| 35) Methylcyclohexane      | 6.32  | 83 | 8736  | 0.684 ug/L # | 19     |
| 37) 1,2-Dichloropropane    | 6.32  | 63 | 4341  | 0.607 ug/L # | 89     |
| 59) 1,2,3-Trichloropropane | 11.48 | 75 | 5607  | 1.195 ug/L # | 88     |

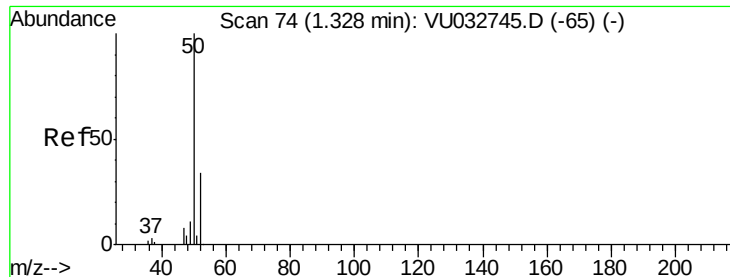
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.329 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032753.D

Acq: 15 Jun 2019 04:46

Instrument :

MSVOA\_U

ClientSampleId :

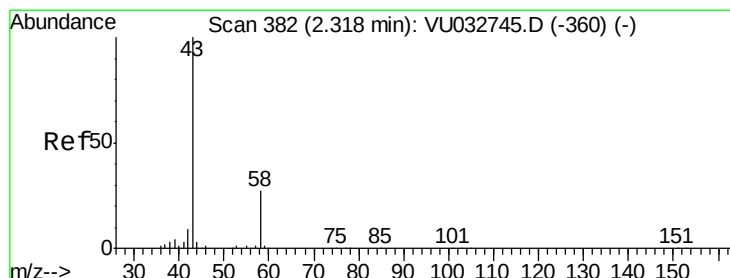
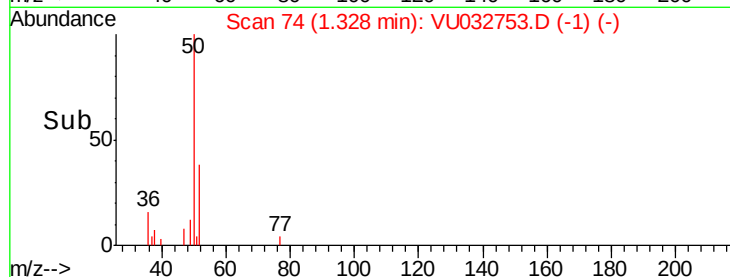
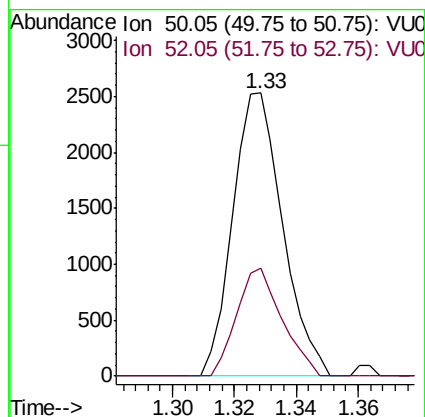
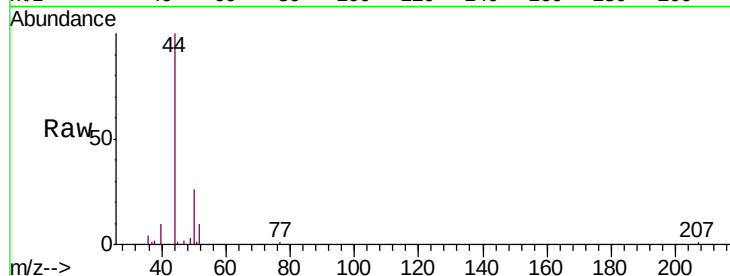
COM72

Tgt Ion: 50 Resp: 2845

Ion Ratio Lower Upper

50 100

52 38.2 23.2 43.2



#13

Acetone

Concen: 3.016 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032753.D

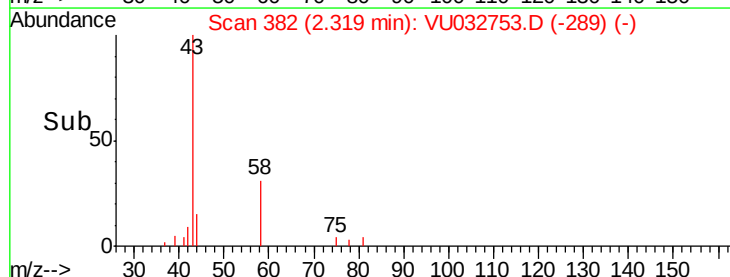
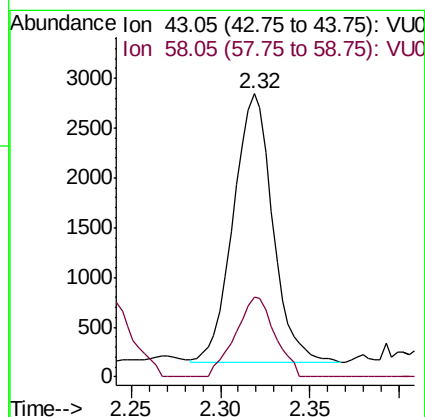
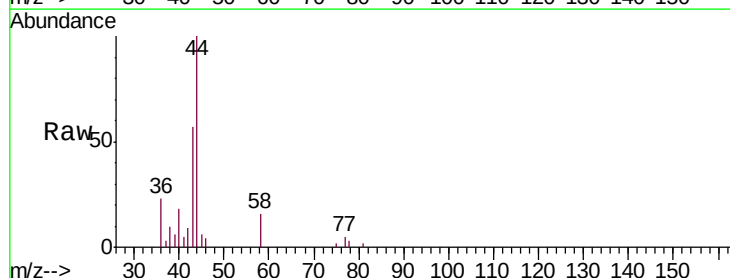
Acq: 15 Jun 2019 04:46

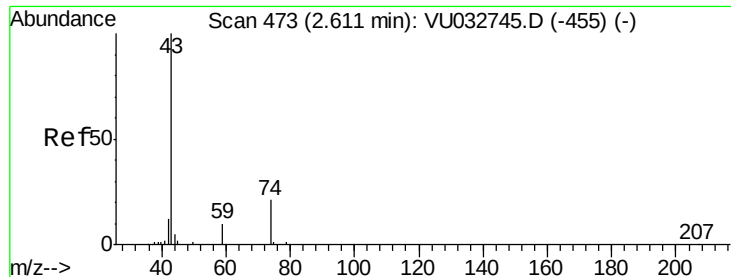
Tgt Ion: 43 Resp: 4126

Ion Ratio Lower Upper

43 100

58 29.9 0.0 60.8





#15

Methyl Acetate

Concen: 4.720 ug/L

RT: 2.44 min Scan# 420

Delta R.T. -0.17 min

Lab File: VU032753.D

Acq: 15 Jun 2019 04:46

Instrument :

MSVOA\_U

ClientSampleId :

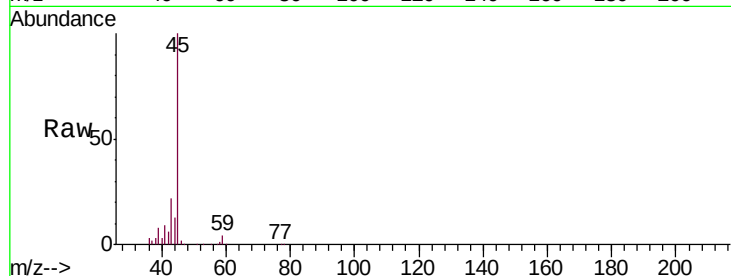
COM72

Tgt Ion: 43 Resp: 17715

Ion Ratio Lower Upper

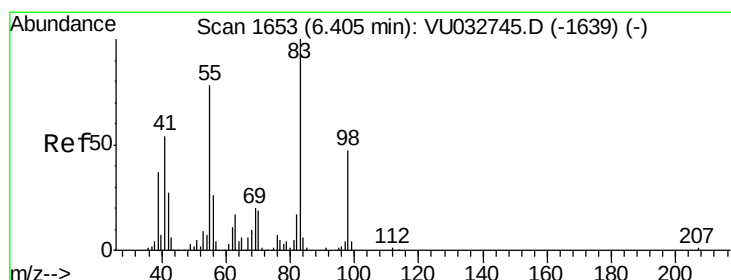
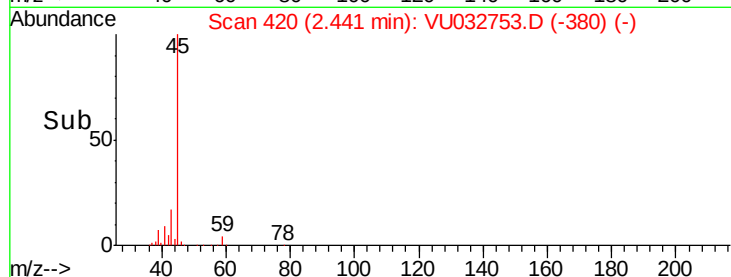
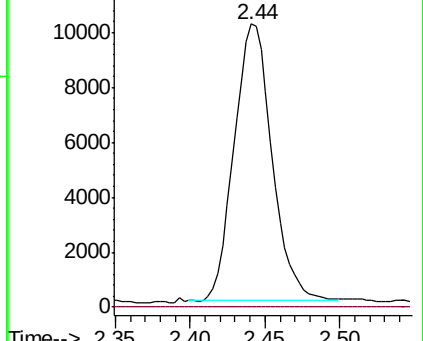
43 100

74 0.0 17.8 26.8#



Abundance Ion 43.05 (42.75 to 43.75): VU032745.D (-455) (-)

Ion 74.05 (73.75 to 74.75): VU032745.D (-455) (-)



#35

Methylcyclohexane

Concen: 0.684 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032753.D

Acq: 15 Jun 2019 04:46

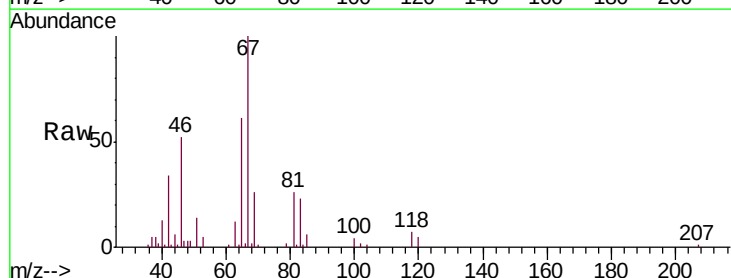
Tgt Ion: 83 Resp: 8736

Ion Ratio Lower Upper

83 100

55 0.2 60.0 90.0#

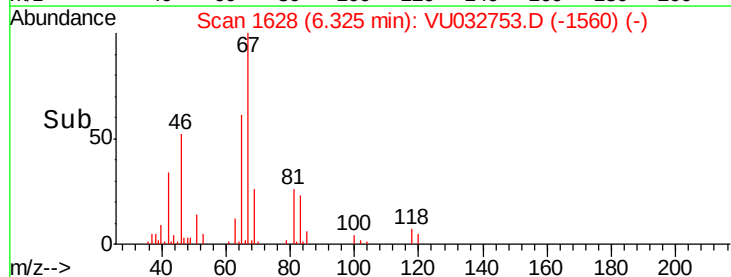
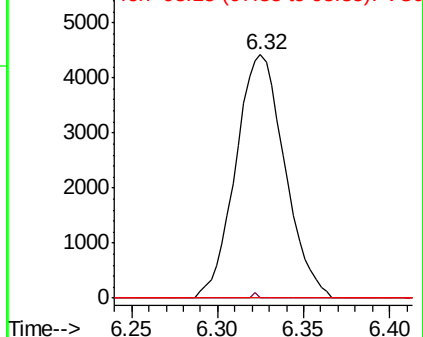
98 0.0 37.8 56.8#

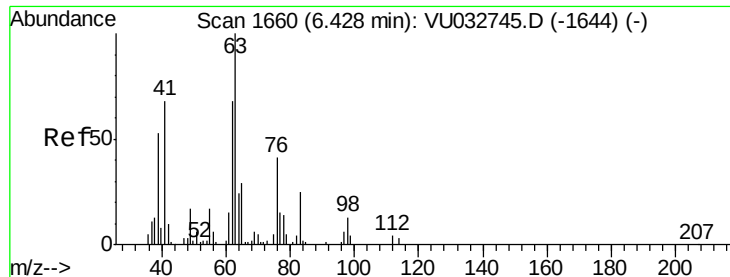


Abundance Ion 83.15 (82.85 to 83.85): VU032745.D (-1639) (-)

Ion 55.10 (54.80 to 55.80): VU032745.D (-1639) (-)

Ion 98.15 (97.85 to 98.85): VU032745.D (-1639) (-)





#37

1,2-Dichloropropane

Concen: 0.607 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.11 min

Lab File: VU032753.D

Acq: 15 Jun 2019 04:46

Instrument :

MSVOA\_U

ClientSampleId :

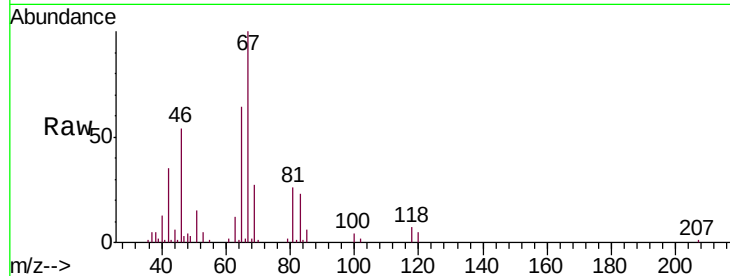
COM72

Tgt Ion: 63 Resp: 4341

Ion Ratio Lower Upper

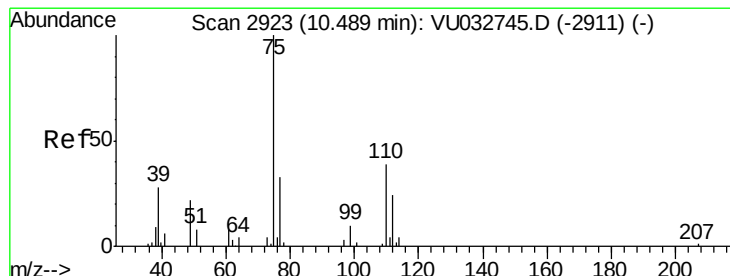
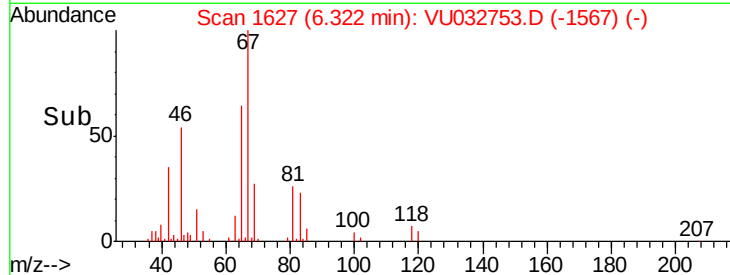
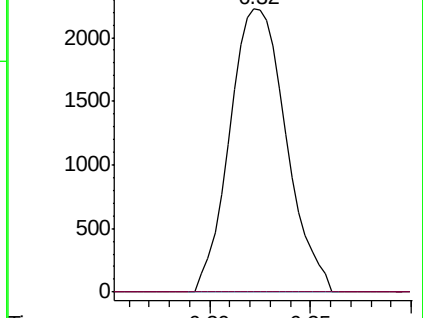
63 100

112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU032745.D (-1644) (-)

Ion 112.10 (111.80 to 112.80): VU032745.D (-1644) (-)



#59

1,2,3-Trichloropropane

Concen: 1.195 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032753.D

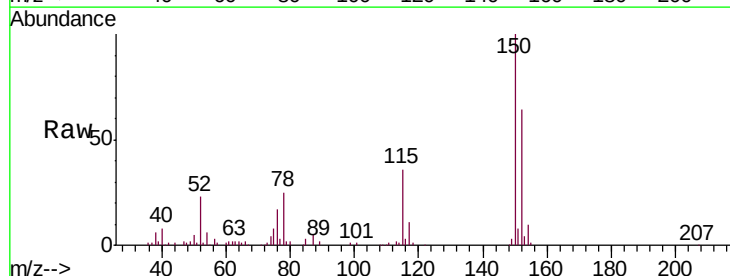
Acq: 15 Jun 2019 04:46

Tgt Ion: 75 Resp: 5607

Ion Ratio Lower Upper

75 100

77 38.1 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VU032745.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU032745.D (-2911) (-)

