

Data File : VU036040.D  
Acq On : 09 Dec 2019 10:51  
Operator : JC/MD  
Sample : VSTD00106  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00106

Quant Time: Dec 10 01:03:02 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR120919WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Dec 10 00:59:56 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 241019   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 263786   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 110363   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |       |     |       |      |      |      |
|--------------------------------|-------|-----|-------|------|------|------|
| 4) Vinyl Chloride-d3           | 1.61  | 65  | 23251 | 0.89 | ug/L | 0.00 |
| 7) Chloroethane-d5             | 1.93  | 69  | 23643 | 1.08 | ug/L | 0.00 |
| 11) 1,1-Dichloroethene-d2      | 2.59  | 63  | 42584 | 1.10 | ug/L | 0.00 |
| 20) 2-Butanone-d5              | 4.70  | 46  | 36016 | 7.93 | ug/L | 0.00 |
| 24) Chloroform-d               | 5.11  | 84  | 36735 | 1.00 | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4      | 5.75  | 65  | 18946 | 0.98 | ug/L | 0.00 |
| 32) Benzene-d6                 | 5.77  | 84  | 68772 | 0.93 | ug/L | 0.00 |
| 36) 1,2-Dichloropropane-d6     | 6.73  | 67  | 21504 | 0.89 | ug/L | 0.00 |
| 41) Toluene-d8                 | 7.93  | 98  | 60029 | 0.87 | ug/L | 0.00 |
| 43) trans-1,3-Dichloropropene- | 8.22  | 79  | 8137  | 0.84 | ug/L | 0.00 |
| 46) 2-Hexanone-d5              | 8.68  | 63  | 24727 | 6.55 | ug/L | 0.00 |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78 | 84  | 22022 | 1.09 | ug/L | 0.00 |
| 64) 1,2-Dichlorobenzene-d4     | 12.22 | 152 | 22415 | 1.01 | ug/L | 0.00 |

#### Target Compounds

|                                |      |     |       |              | Qvalue |
|--------------------------------|------|-----|-------|--------------|--------|
| 2) Dichlorodifluoromethane     | 1.39 | 85  | 25702 | 1.060 ug/L   | 98     |
| 3) Chloromethane               | 1.54 | 50  | 25909 | 0.960 ug/L   | 99     |
| 5) Vinyl chloride              | 1.62 | 62  | 27690 | 1.013 ug/L   | 84     |
| 6) Bromomethane                | 1.87 | 94  | 20654 | 1.232 ug/L   | 100    |
| 8) Chloroethane                | 1.95 | 64  | 20348 | 1.148 ug/L   | 100    |
| 9) Trichlorofluoromethane      | 2.16 | 101 | 46152 | 1.329 ug/L   | 99     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.61 | 101 | 25502 | 1.351 ug/L   | 96     |
| 12) 1,1-Dichloroethene         | 2.60 | 96  | 22953 | 1.301 ug/L # | 84     |
| 13) Acetone                    | 2.69 | 43  | 58161 | 13.550 ug/L  | 92     |
| 14) Carbon disulfide           | 2.82 | 76  | 57075 | 0.957 ug/L   | 98     |
| 15) Methyl Acetate             | 3.00 | 43  | 6580  | 0.887 ug/L   | 96     |
| 16) Methylene chloride         | 3.08 | 84  | 26631 | 1.020 ug/L   | 94     |
| 17) Methyl tert-butyl Ether    | 3.42 | 73  | 35684 | 0.919 ug/L   | 96     |
| 18) trans-1,2-Dichloroethene   | 3.39 | 96  | 19145 | 1.076 ug/L   | 98     |
| 19) 1,1-Dichloroethane         | 3.92 | 63  | 34288 | 0.994 ug/L   | 97     |
| 21) 2-Butanone                 | 4.78 | 43  | 47317 | 8.918 ug/L   | 95     |
| 22) cis-1,2-Dichloroethene     | 4.72 | 96  | 18992 | 1.001 ug/L   | 96     |
| 23) Bromochloromethane         | 5.02 | 128 | 10087 | 1.145 ug/L   | 90     |
| 25) Chloroform                 | 5.13 | 83  | 39395 | 1.114 ug/L   | 99     |
| 27) 1,2-Dichloroethane         | 5.84 | 62  | 22403 | 1.006 ug/L # | 94     |
| 29) 1,1,1-Trichloroethane      | 5.37 | 97  | 32451 | 1.062 ug/L   | 98     |
| 30) Cyclohexane                | 5.43 | 56  | 20985 | 0.718 ug/L   | 98     |
| 31) Carbon tetrachloride       | 5.57 | 117 | 28377 | 1.040 ug/L   | 98     |
| 33) Benzene                    | 5.82 | 78  | 74235 | 0.945 ug/L   | 100    |
| 34) Trichloroethene            | 6.58 | 95  | 19947 | 0.994 ug/L   | 96     |
| 35) Methylcyclohexane          | 6.80 | 83  | 22554 | 0.763 ug/L   | 91     |
| 37) 1,2-Dichloropropane        | 6.83 | 63  | 19075 | 0.901 ug/L   | 98     |
| 38) Bromodichloromethane       | 7.14 | 83  | 26643 | 1.041 ug/L   | 97     |
| 39) cis-1,3-Dichloropropene    | 7.64 | 75  | 23440 | 0.837 ug/L   | 99     |
| 40) 4-Methyl-2-pentanone       | 7.84 | 43  | 94147 | 7.772 ug/L   | 96     |

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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00106

Quant Time: Dec 10 01:03:02 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR120919WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Dec 10 00:59:56 2019  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 42) Toluene                    | 8.01  | 91   | 78213    | 0.946 | ug/L   | 93       |
| 44) trans-1,3-Dichloropropene  | 8.25  | 75   | 21330    | 0.889 | ug/L   | 100      |
| 45) 1,1,2-Trichloroethane      | 8.44  | 97   | 15925    | 1.094 | ug/L   | 98       |
| 47) Tetrachloroethene          | 8.58  | 164  | 19702    | 1.179 | ug/L   | 93       |
| 48) 2-Hexanone                 | 8.73  | 43   | 58512    | 6.430 | ug/L   | 99       |
| 49) Dibromochloromethane       | 8.84  | 129  | 20311    | 1.094 | ug/L   | 91       |
| 50) 1,2-Dibromoethane          | 8.95  | 107  | 14553    | 1.009 | ug/L # | 95       |
| 51) Chlorobenzene              | 9.48  | 112  | 53871    | 1.013 | ug/L   | 98       |
| 52) Ethylbenzene               | 9.60  | 91   | 70517    | 0.824 | ug/L   | 97       |
| 53) m,p-Xylene                 | 9.72  | 106  | 27328    | 0.849 | ug/L   | 98       |
| 54) o-Xylene                   | 10.13 | 106  | 28445    | 0.956 | ug/L   | 96       |
| 55) Styrene                    | 10.14 | 104  | 44821    | 0.898 | ug/L   | 95       |
| 56) Isopropylbenzene           | 10.51 | 105  | 78627    | 1.009 | ug/L   | 99       |
| 58) 1,1,2,2-Tetrachloroethane  | 10.81 | 83   | 23110    | 1.195 | ug/L   | 95       |
| 59) 1,2,3-Trichloropropane     | 10.85 | 75   | 14898    | 1.079 | ug/L   | 99       |
| 61) Bromoform                  | 10.32 | 173  | 12805    | 1.280 | ug/L   | 98       |
| 62) 1,3-Dichlorobenzene        | 11.77 | 146  | 38378    | 1.070 | ug/L   | 97       |
| 63) 1,4-Dichlorobenzene        | 11.86 | 146  | 36320    | 1.018 | ug/L   | 95       |
| 65) 1,2-Dichlorobenzene        | 12.24 | 146  | 35477    | 1.036 | ug/L   | 99       |
| 66) 1,2-Dibromo-3-chloropropan | 13.02 | 75   | 2702     | 1.030 | ug/L # | 70       |
| 67) 1,3,5-Trichlorobenzene     | 13.24 | 180  | 23264    | 0.929 | ug/L   | 97       |
| 68) 1,2,4-trichlorobenzene     | 13.86 | 180  | 9721     | 0.729 | ug/L   | 89       |
| 69) Naphthalene                | 14.10 | 128  | 6535     | 0.445 | ug/L # | 93       |
| 70) 1,2,3-Trichlorobenzene     | 14.36 | 180  | 9005     | 0.696 | ug/L   | 91       |

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

Data File : VU036040.D

Acq On : 09 Dec 2019 10:51

Operator : JC/MD

Sample : VSTD00106

Misc : 25.0mL/MSVOA\_U/WATER

```
ALS Vial      : 3      Sample Multiplier: 1
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**Instrument :**  
MSVOA\_U  
**ClientSampleId :**  
VSTD00106

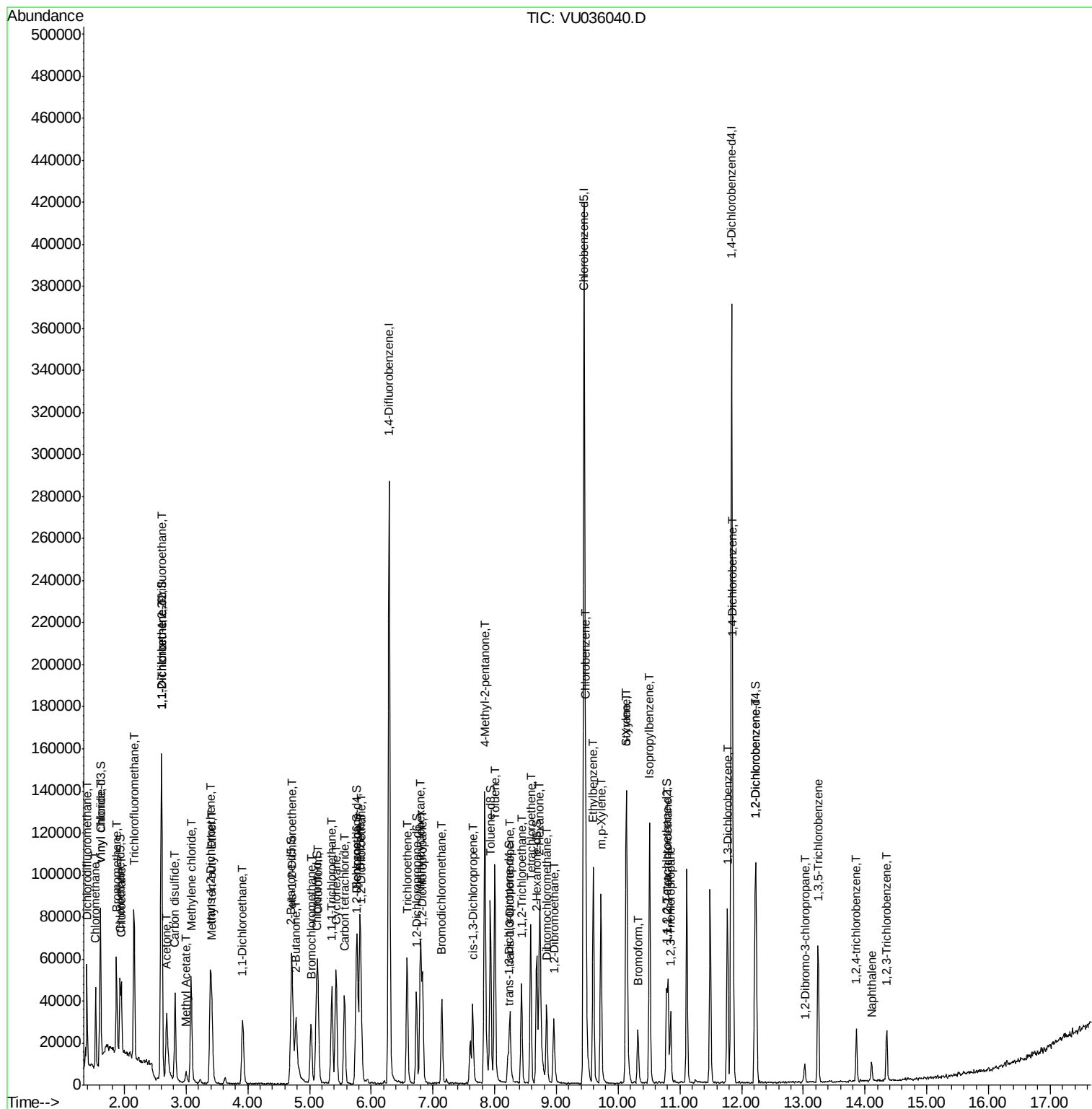
Quant Time: Dec 10 01:03:02 2019

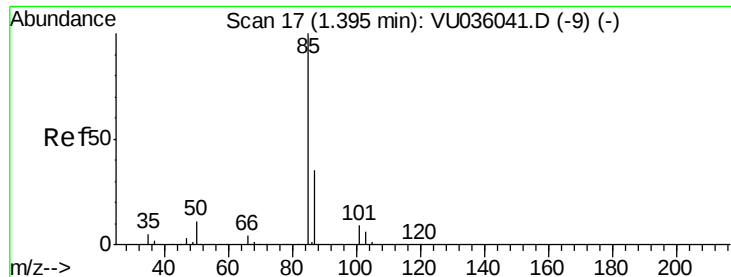
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_U\METHOD\SOMUTR120919WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Dec 10 00:59:56 2019

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 1.060 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU036040.D

Acq: 09 Dec 2019 10:51

Instrument :

MSVOA\_U

ClientSampleId :

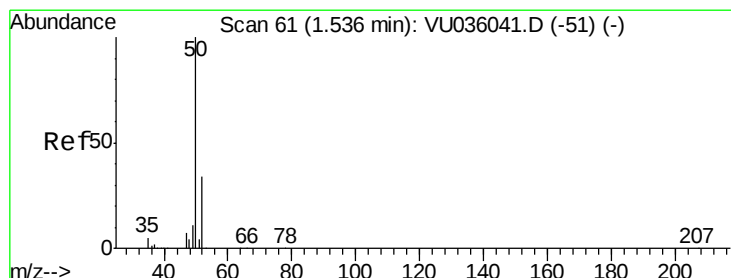
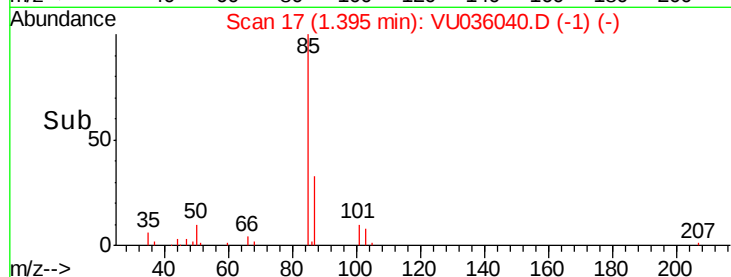
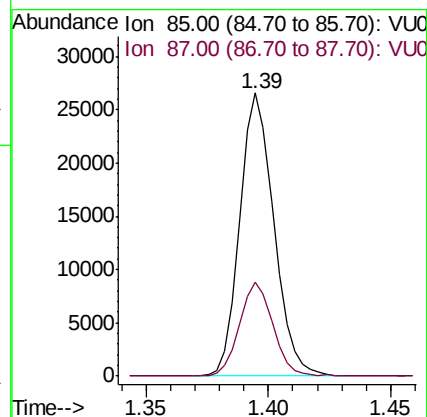
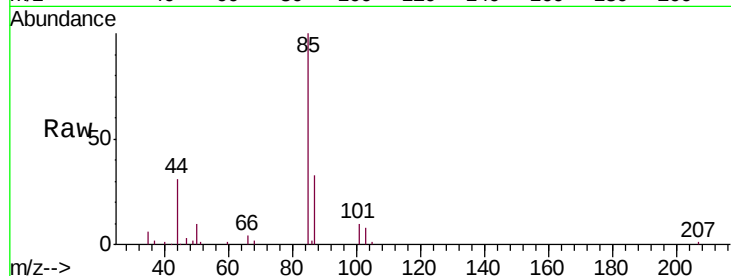
VSTD00106

Tgt Ion: 85 Resp: 25702

Ion Ratio Lower Upper

85 100

87 32.5 27.0 40.4



#3

Chloromethane

Concen: 0.960 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU036040.D

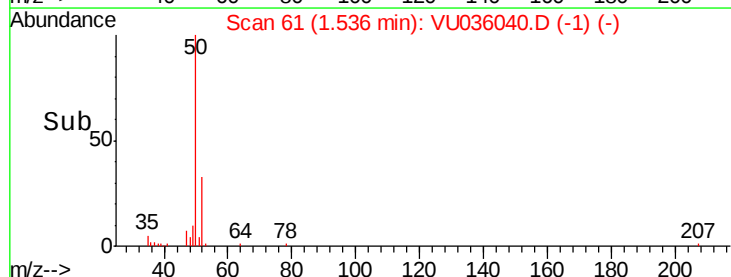
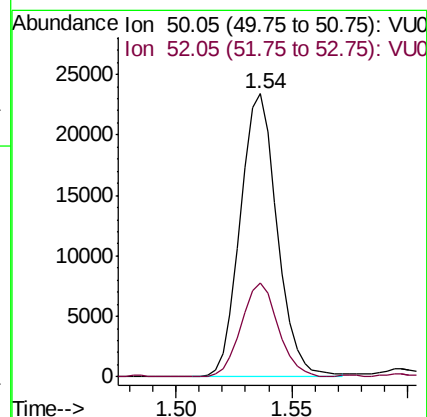
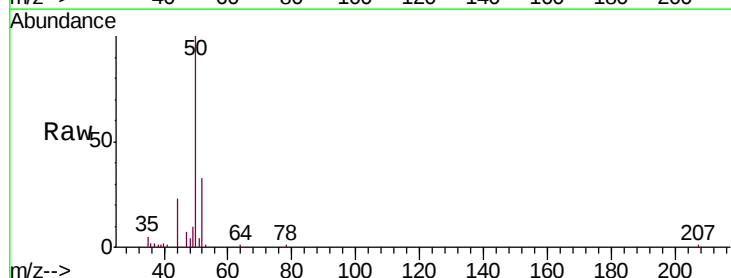
Acq: 09 Dec 2019 10:51

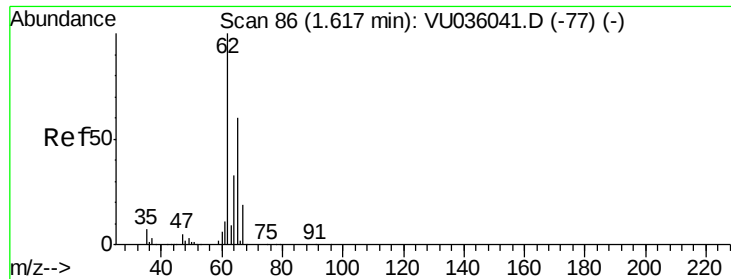
Tgt Ion: 50 Resp: 25909

Ion Ratio Lower Upper

50 100

52 33.3 23.6 43.8





#5

Vinyl chloride

Concen: 1.013 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU036040.D

Acq: 09 Dec 2019 10:51

Instrument :

MSVOA\_U

ClientSampleId :

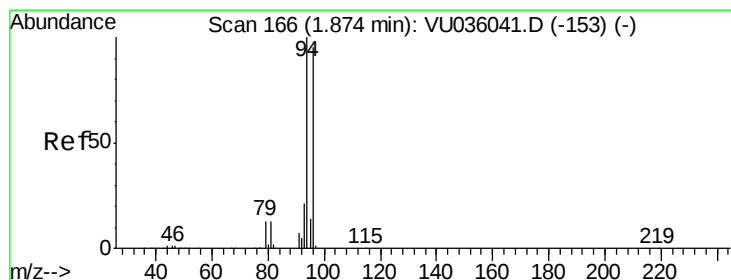
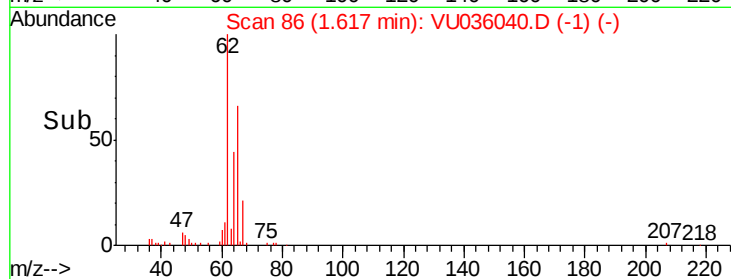
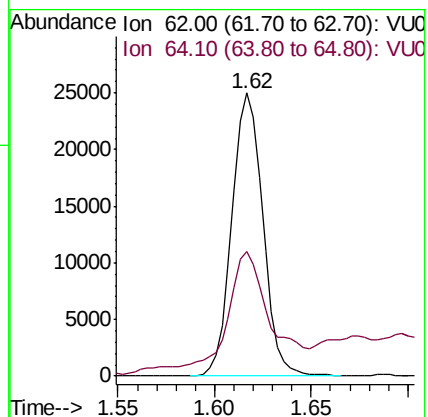
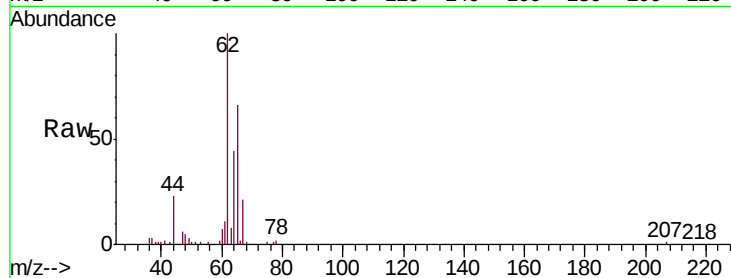
VSTD00106

Tgt Ion: 62 Resp: 27690

Ion Ratio Lower Upper

62 100

64 44.1 24.3 45.1



#6

Bromomethane

Concen: 1.232 ug/L

RT: 1.87 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU036040.D

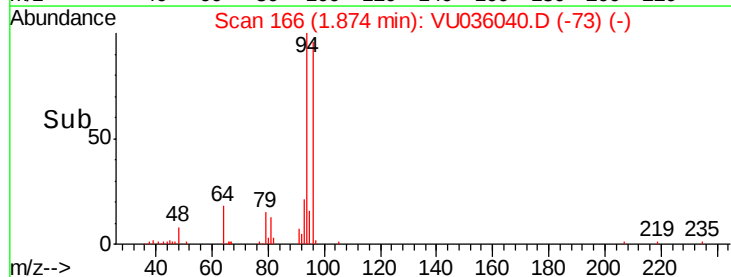
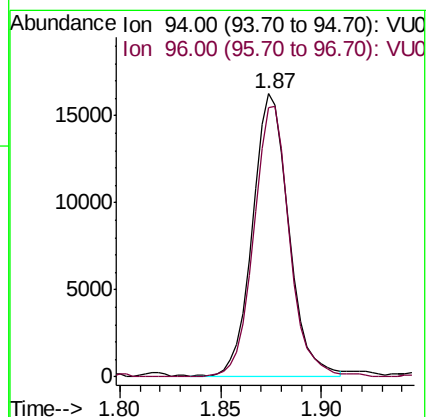
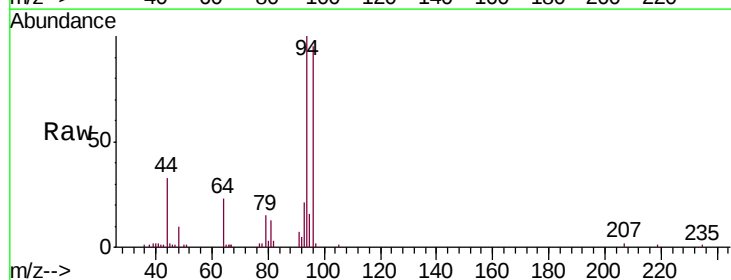
Acq: 09 Dec 2019 10:51

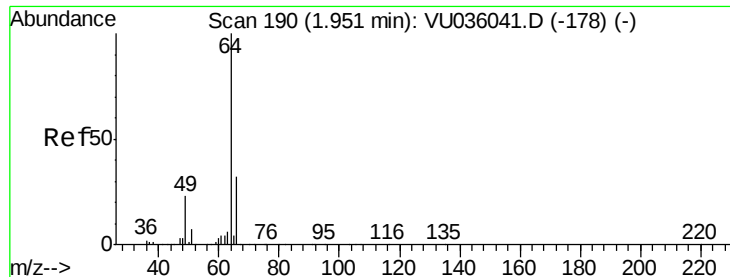
Tgt Ion: 94 Resp: 20654

Ion Ratio Lower Upper

94 100

96 95.3 66.8 124.2





#8

Chloroethane

Concen: 1.148 ug/L

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU036040.D

Acq: 09 Dec 2019 10:51

Instrument :

MSVOA\_U

ClientSampleId :

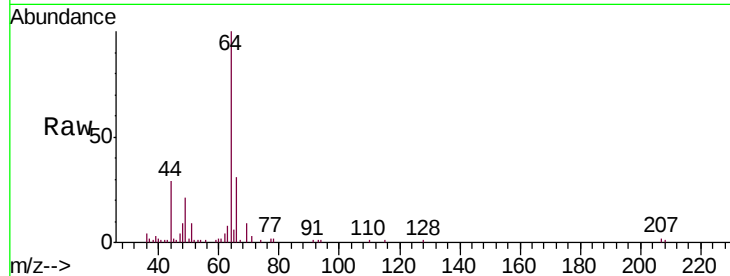
VSTD00106

Tgt Ion: 64 Resp: 20348

Ion Ratio Lower Upper

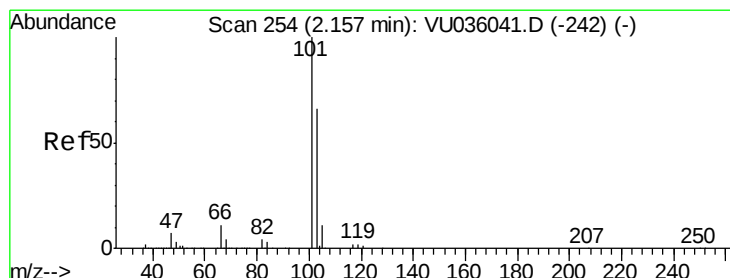
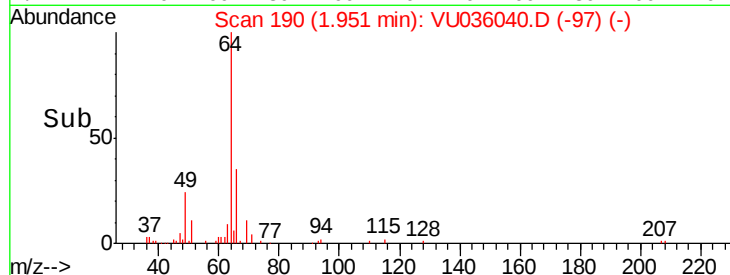
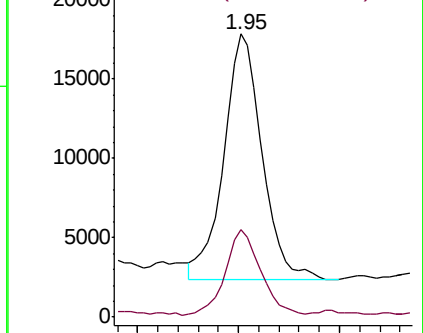
64 100

66 30.7 21.5 39.9



Abundance Ion 64.10 (63.80 to 64.80): VU036040.D (-178) (-)

Ion 66.05 (65.75 to 66.75): VU036040.D (-178) (-)



#9

Trichlorofluoromethane

Concen: 1.329 ug/L

RT: 2.16 min Scan# 254

Delta R.T. -0.00 min

Lab File: VU036040.D

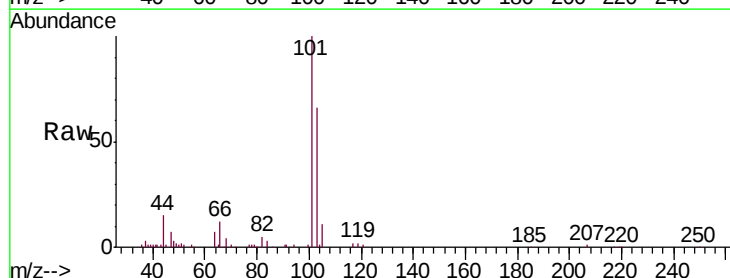
Acq: 09 Dec 2019 10:51

Tgt Ion: 101 Resp: 46152

Ion Ratio Lower Upper

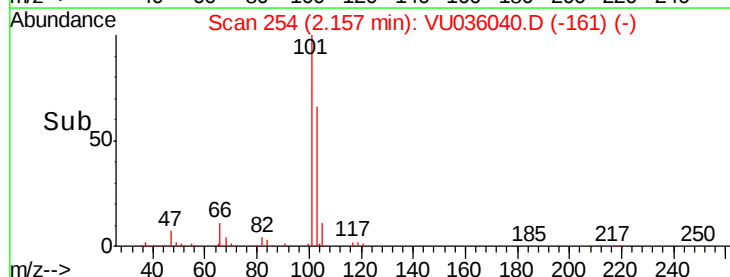
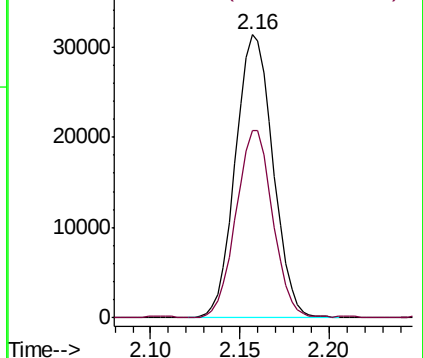
101 100

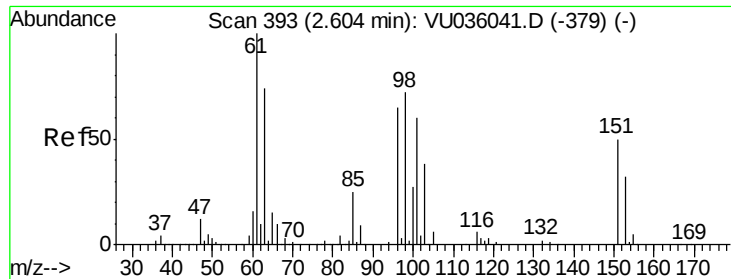
103 64.9 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): VU036040.D (-242) (-)

Ion 103.00 (102.70 to 103.70): VU036040.D (-242) (-)





#10

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

Concen: 1.351 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU036040.D

Acq: 09 Dec 2019 10:51

Instrument :

MSVOA\_U

ClientSampleId :

VSTD00106

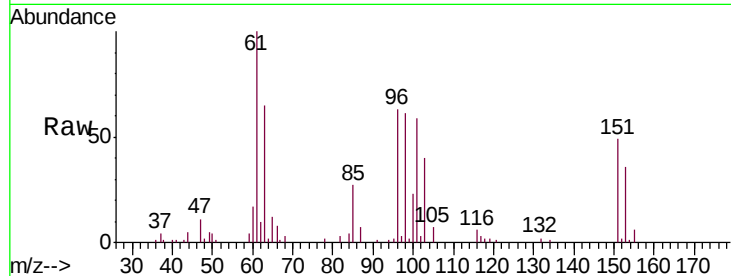
Tgt Ion: 101 Resp: 25502

Ion Ratio Lower Upper

101 100

85 45.7 33.1 49.7

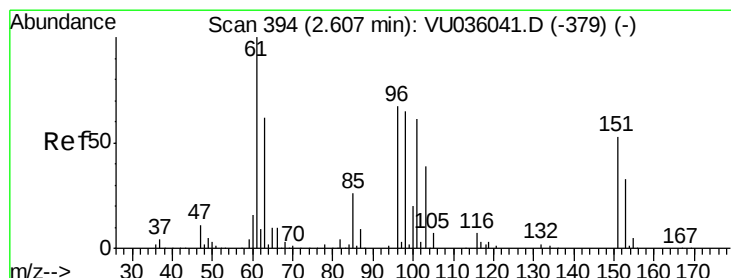
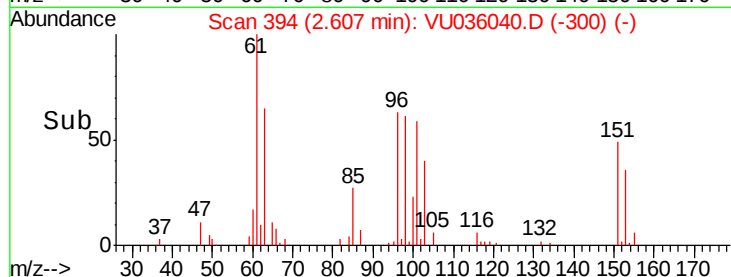
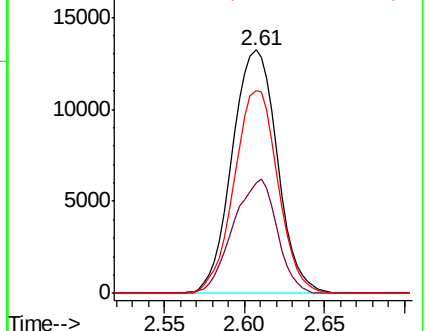
151 80.7 66.5 99.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 1.301 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU036040.D

Acq: 09 Dec 2019 10:51

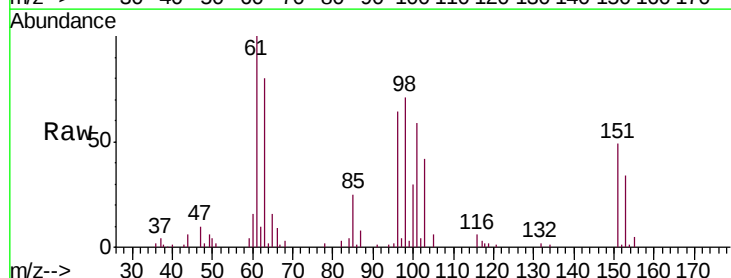
Tgt Ion: 96 Resp: 22953

Ion Ratio Lower Upper

96 100

61 156.2 104.3 193.7

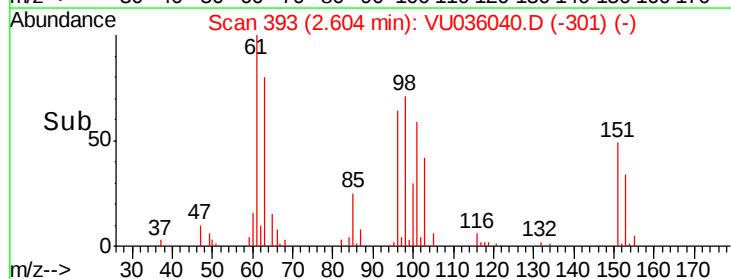
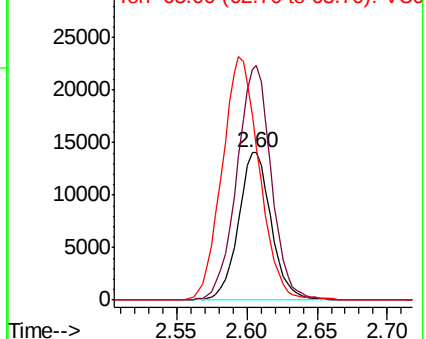
63 125.3 65.6 121.8#

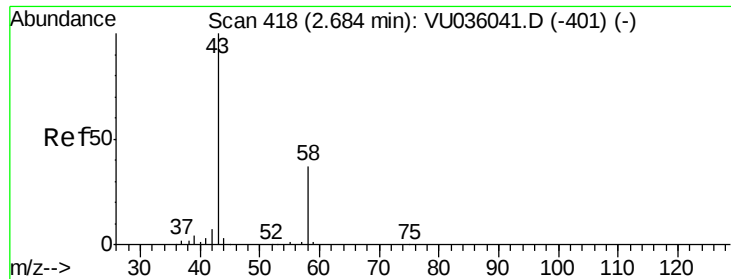


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 13.550 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.00 min

Lab File: VU036040.D

Acq: 09 Dec 2019 10:51

Instrument :

MSVOA\_U

ClientSampleId :

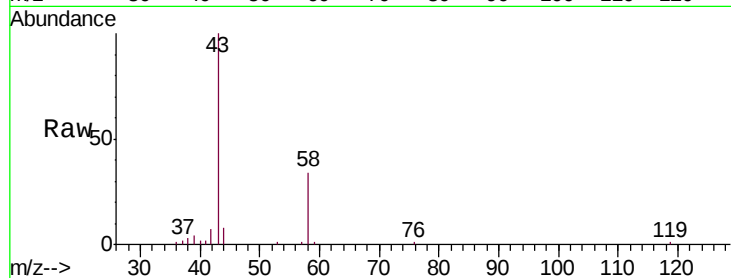
VSTD00106

Tgt Ion: 43 Resp: 58161

Ion Ratio Lower Upper

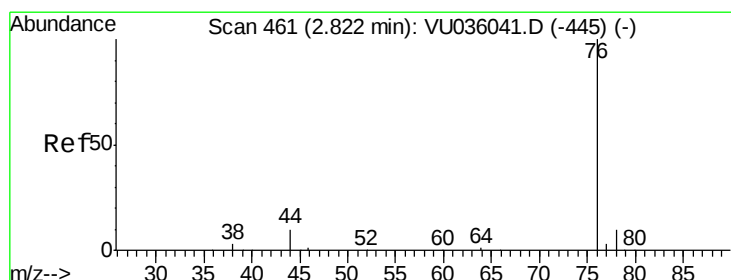
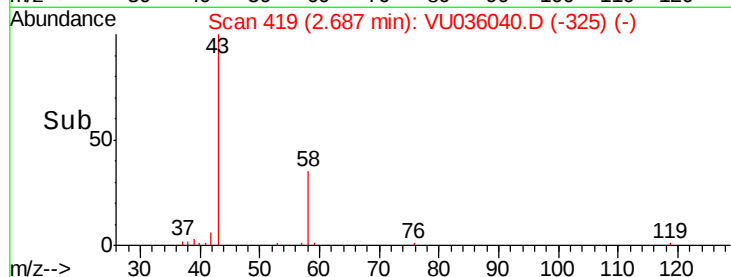
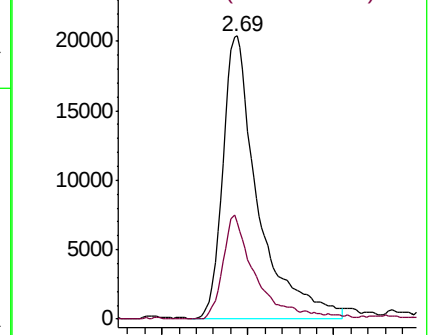
43 100

58 32.1 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036040.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036040.D (-401) (-)



#14

Carbon disulfide

Concen: 0.957 ug/L

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU036040.D

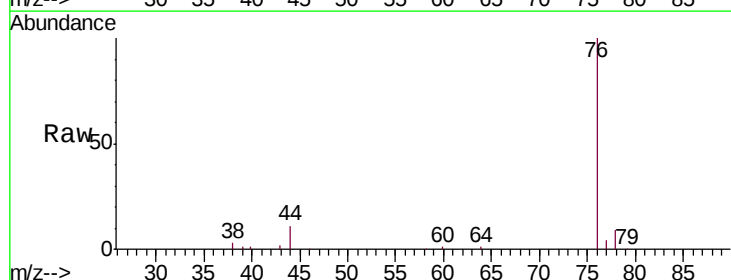
Acq: 09 Dec 2019 10:51

Tgt Ion: 76 Resp: 57075

Ion Ratio Lower Upper

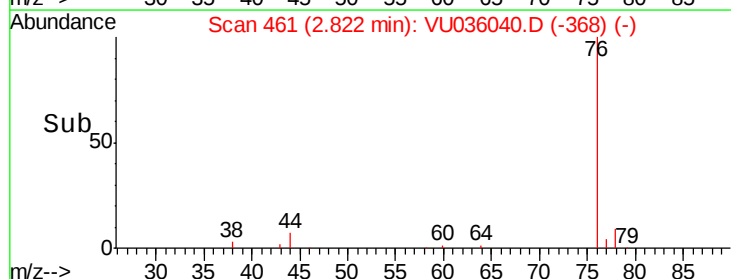
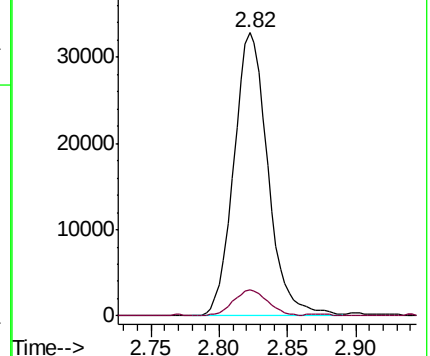
76 100

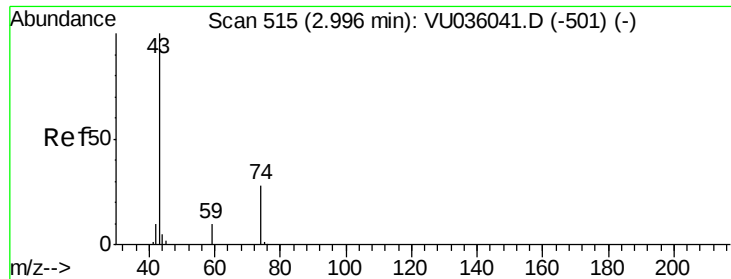
78 9.0 7.7 11.5



Abundance Ion 76.05 (75.75 to 76.75): VU036040.D (-445) (-)

Ion 78.00 (77.70 to 78.70): VU036040.D (-445) (-)

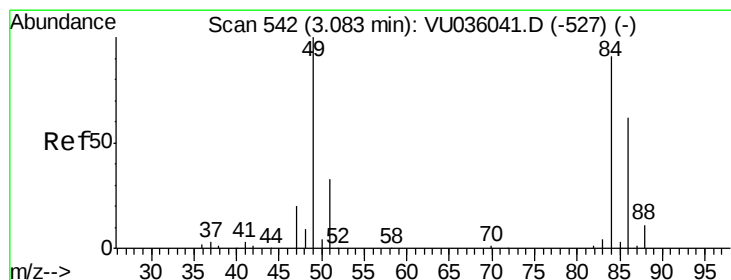
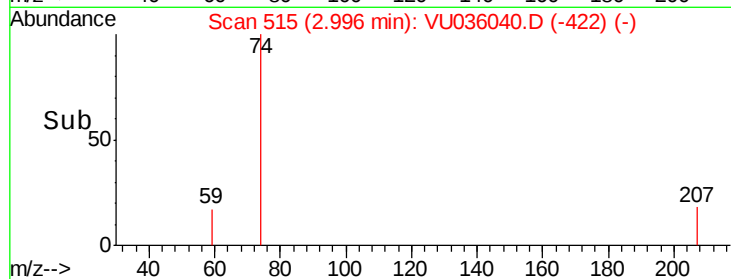
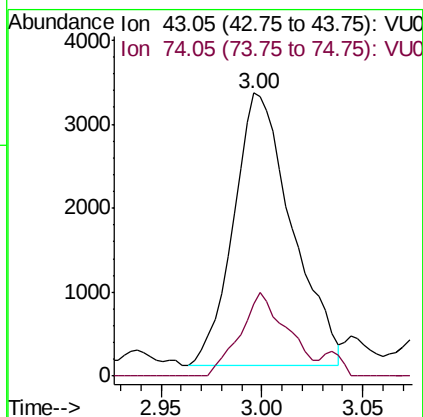
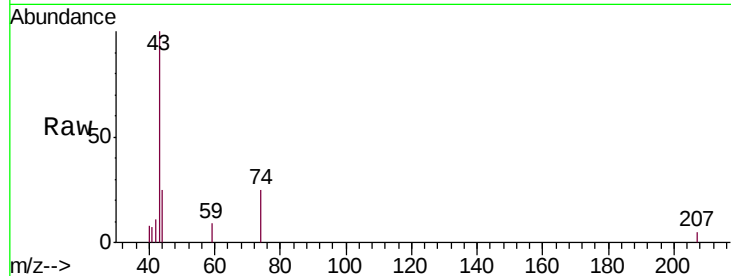




#15  
Methyl Acetate  
Concen: 0.887 ug/L  
RT: 3.00 min Scan# 515  
Delta R.T. -0.00 min  
Lab File: VU036040.D  
Acq: 09 Dec 2019 10:51

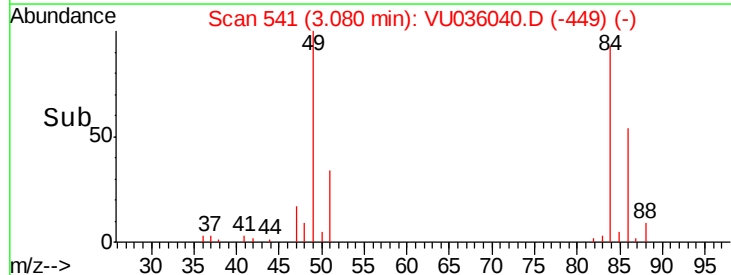
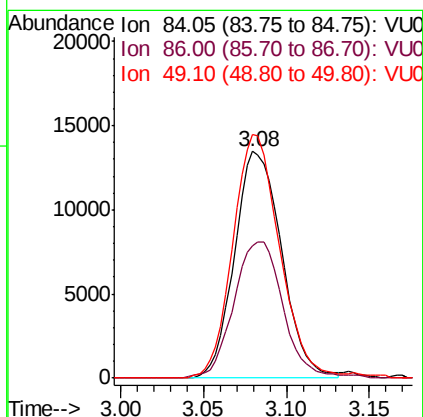
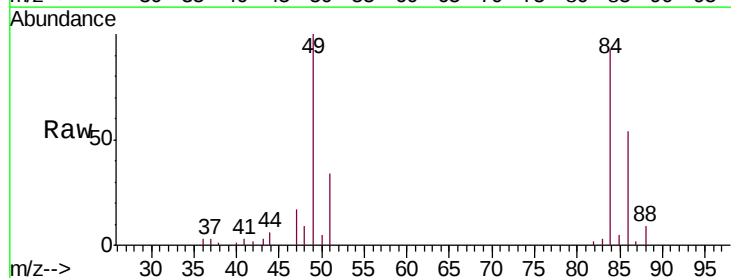
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00106

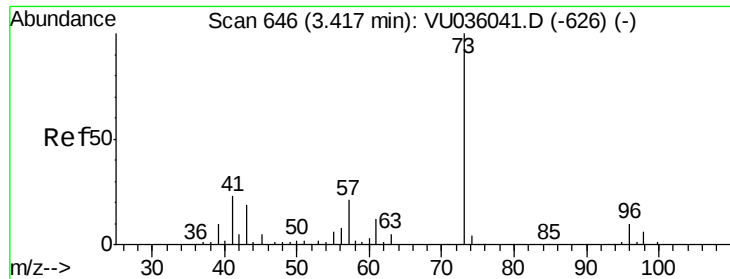
Tgt Ion: 43 Resp: 6580  
Ion Ratio Lower Upper  
43 100  
74 24.4 21.0 31.4



#16  
Methylene chloride  
Concen: 1.020 ug/L  
RT: 3.08 min Scan# 541  
Delta R.T. -0.00 min  
Lab File: VU036040.D  
Acq: 09 Dec 2019 10:51

Tgt Ion: 84 Resp: 26631  
Ion Ratio Lower Upper  
84 100  
86 58.5 47.5 88.3  
49 107.5 76.9 142.9





#17

Methyl tert-butyl Ether

Concen: 0.919 ug/L

RT: 3.42 min Scan# 647

Delta R.T. 0.00 min

Lab File: VU036040.D

Acq: 09 Dec 2019 10:51

Instrument :

MSVOA\_U

ClientSampleId :

VSTD00106

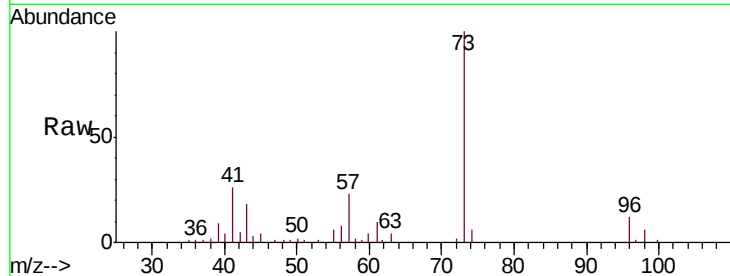
Tgt Ion: 73 Resp: 35684

Ion Ratio Lower Upper

73 100

43 18.5 15.6 23.4

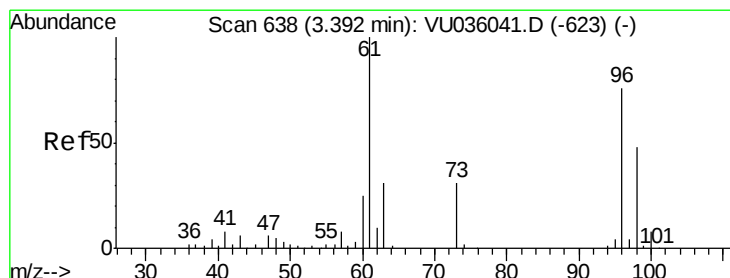
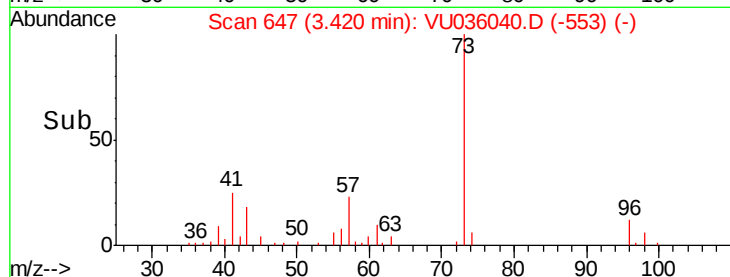
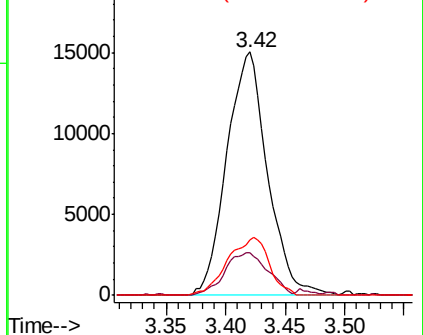
57 24.1 17.4 26.2



Abundance Ion 73.10 (72.80 to 73.80): VU036040.D (-626) (-)

Ion 43.05 (42.75 to 43.75): VU036040.D (-626) (-)

Ion 57.10 (56.80 to 57.80): VU036040.D (-626) (-)



#18

trans-1,2-Dichloroethene

Concen: 1.076 ug/L

RT: 3.39 min Scan# 638

Delta R.T. -0.00 min

Lab File: VU036040.D

Acq: 09 Dec 2019 10:51

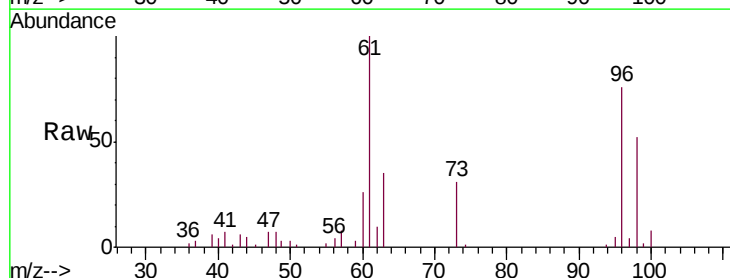
Tgt Ion: 96 Resp: 19145

Ion Ratio Lower Upper

96 100

61 131.8 92.0 170.8

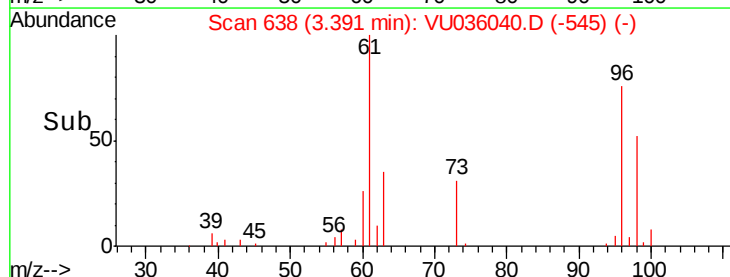
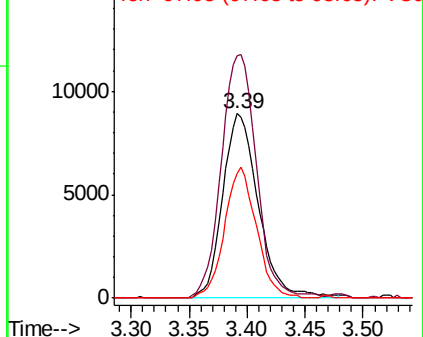
98 68.0 44.6 82.8

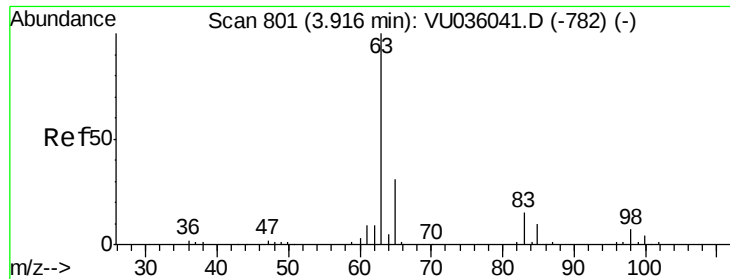


Abundance Ion 96.00 (95.70 to 96.70): VU036040.D (-545) (-)

Ion 61.05 (60.75 to 61.75): VU036040.D (-545) (-)

Ion 97.95 (97.65 to 98.65): VU036040.D (-545) (-)

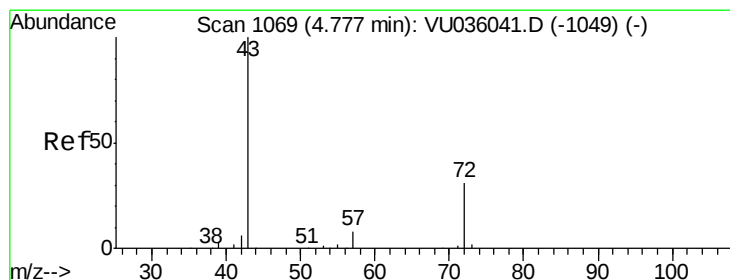
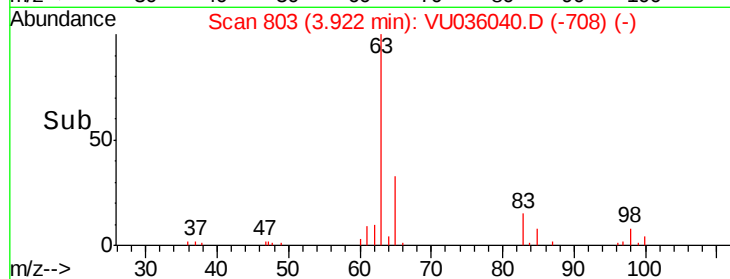
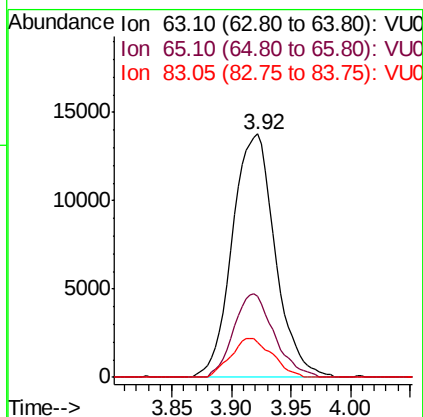
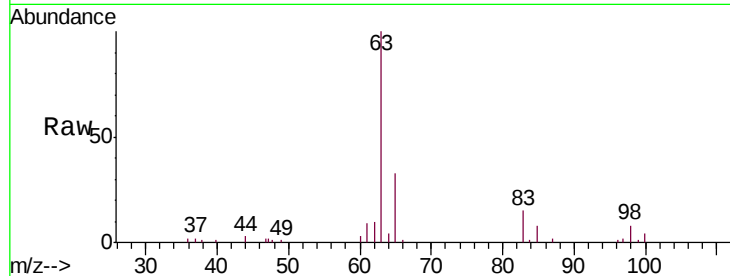




#19  
 1,1-Dichloroethane  
 Concen: 0.994 ug/L  
 RT: 3.92 min Scan# 803  
 Delta R.T. 0.01 min  
 Lab File: VU036040.D  
 Acq: 09 Dec 2019 10:51

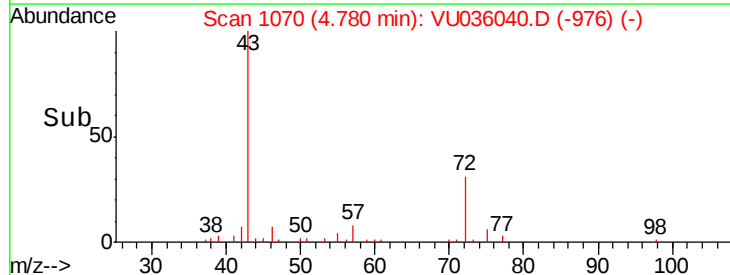
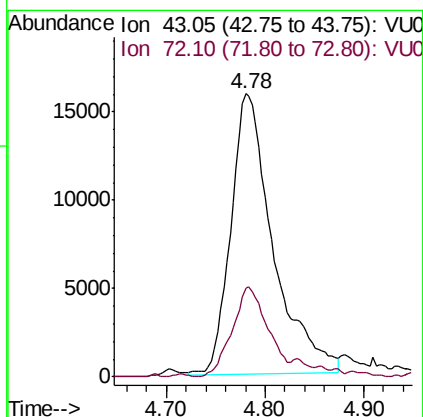
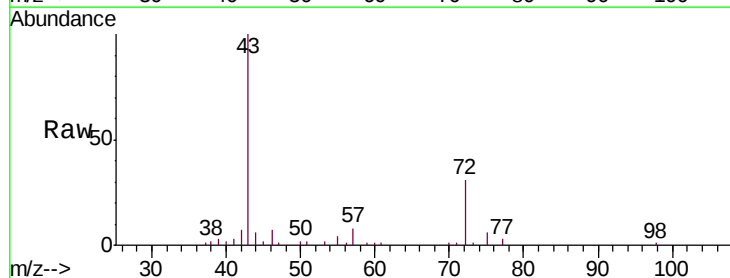
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00106

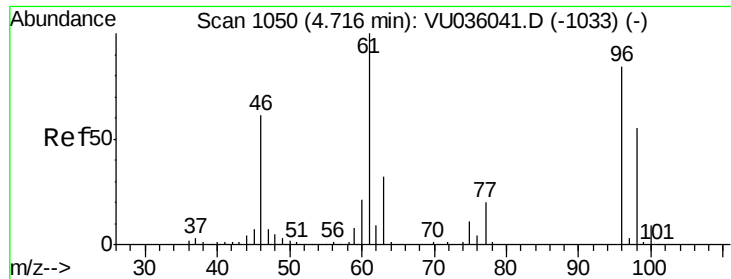
Tgt Ion: 63 Resp: 34288  
 Ion Ratio Lower Upper  
 63 100  
 65 33.5 21.8 40.4  
 83 14.6 10.1 18.9



#21  
 2-Butanone  
 Concen: 8.918 ug/L  
 RT: 4.78 min Scan# 1070  
 Delta R.T. 0.00 min  
 Lab File: VU036040.D  
 Acq: 09 Dec 2019 10:51

Tgt Ion: 43 Resp: 47317  
 Ion Ratio Lower Upper  
 43 100  
 72 27.2 15.0 45.0





#22

cis-1,2-Dichloroethene

Concen: 1.001 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU036040.D

Acq: 09 Dec 2019 10:51

Instrument :

MSVOA\_U

ClientSampleId :

VSTD00106

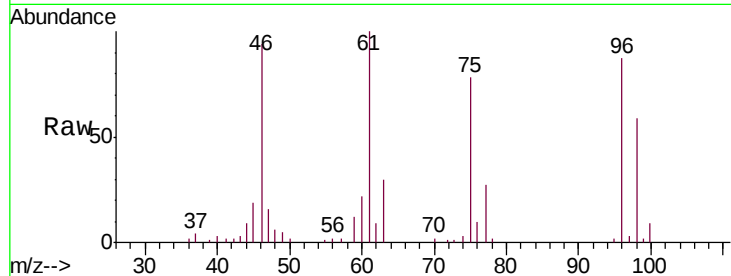
Tgt Ion: 96 Resp: 18992

Ion Ratio Lower Upper

96 100

61 114.7 83.0 154.2

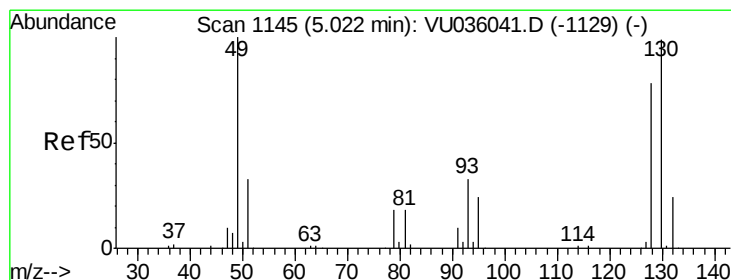
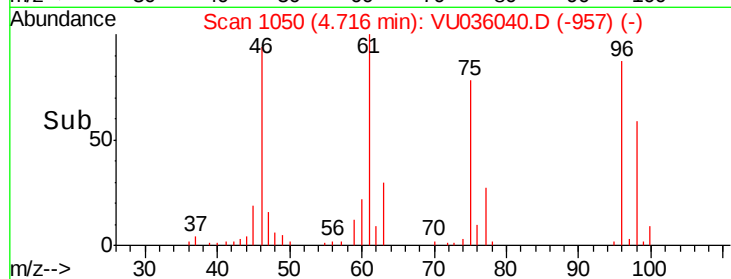
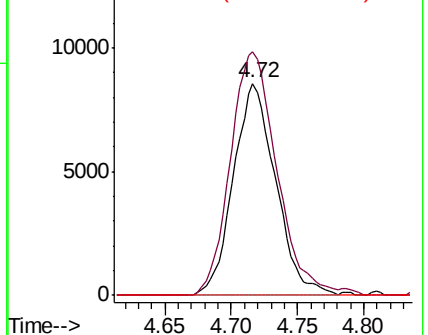
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036040.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU036040.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU036040.D (-957) (-)



#23

Bromochloromethane

Concen: 1.145 ug/L

RT: 5.02 min Scan# 1146

Delta R.T. 0.00 min

Lab File: VU036040.D

Acq: 09 Dec 2019 10:51

Tgt Ion: 128 Resp: 10087

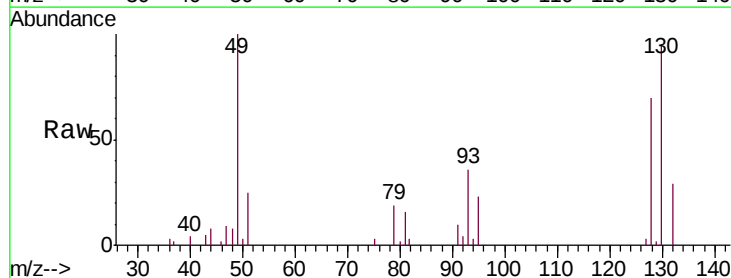
Ion Ratio Lower Upper

128 100

49 143.5 90.2 167.6

130 136.2 89.0 165.4

51 35.9 33.8 50.6

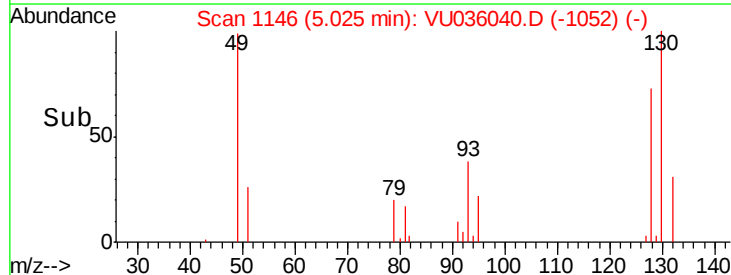
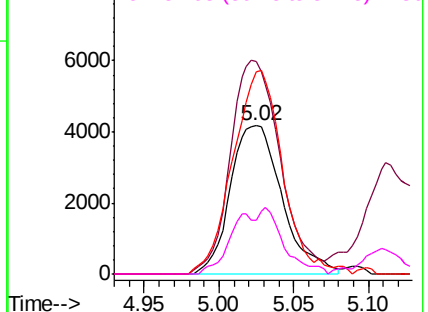


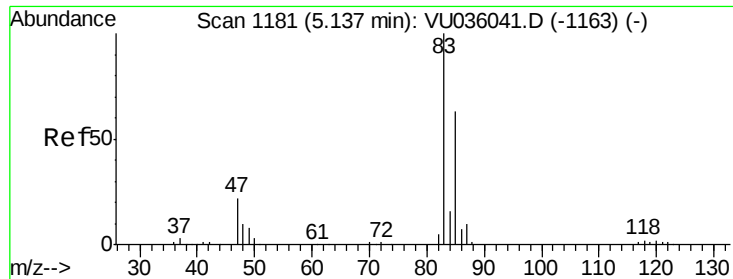
Abundance Ion 127.90 (127.60 to 128.60): VU036040.D (-1052) (-)

Ion 49.10 (48.80 to 49.80): VU036040.D (-1052) (-)

Ion 129.95 (129.65 to 130.65): VU036040.D (-1052) (-)

Ion 51.05 (50.75 to 51.75): VU036040.D (-1052) (-)

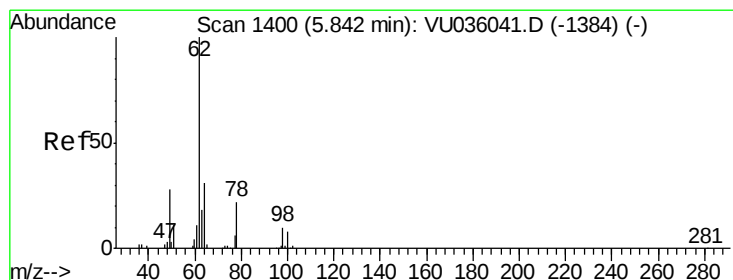
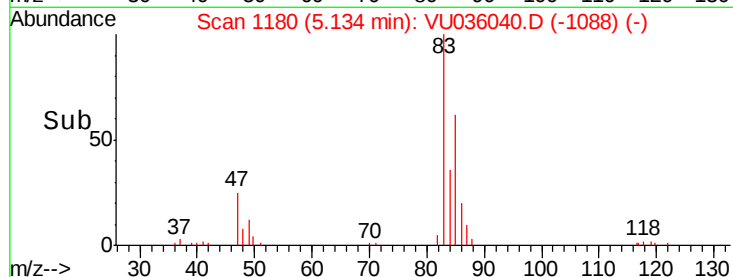
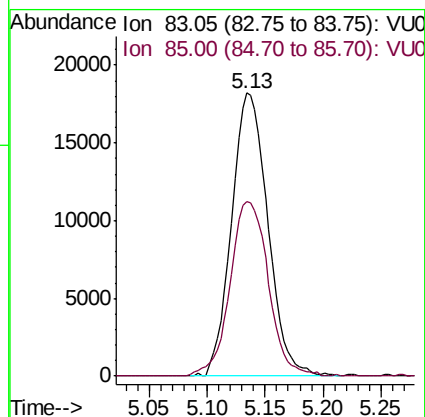
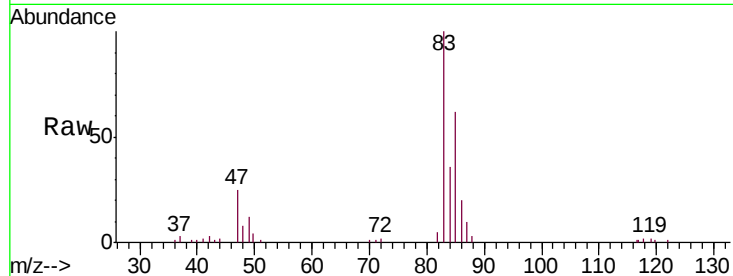




#25  
Chloroform  
Concen: 1.114 ug/L  
RT: 5.13 min Scan# 1180  
Delta R.T. -0.00 min  
Lab File: VU036040.D  
Acq: 09 Dec 2019 10:51

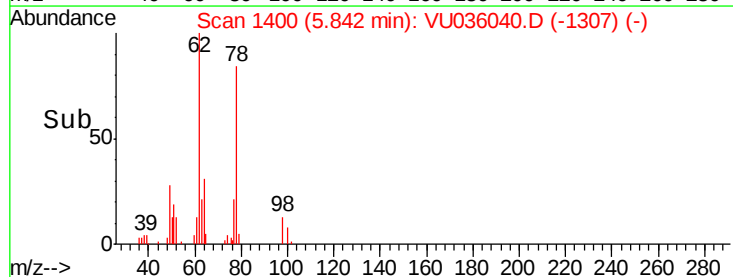
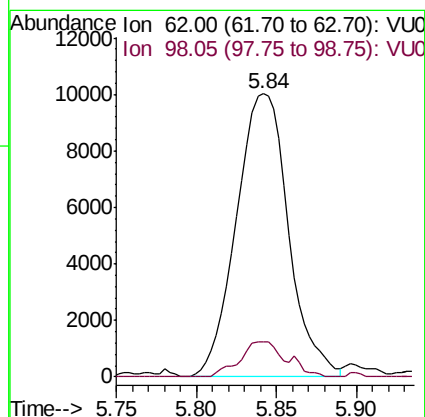
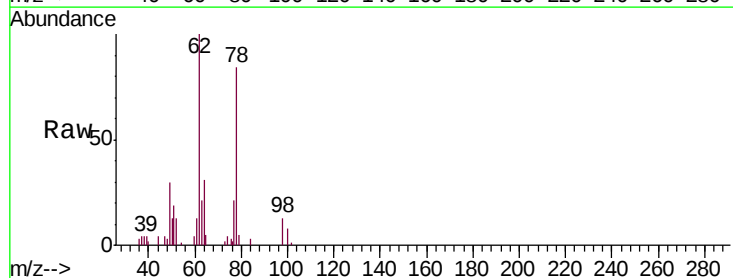
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00106

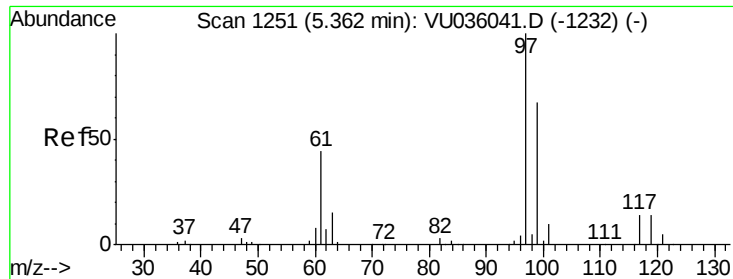
Tgt Ion: 83 Resp: 39395  
Ion Ratio Lower Upper  
83 100  
85 61.8 43.9 81.5



#27  
1,2-Dichloroethane  
Concen: 1.006 ug/L  
RT: 5.84 min Scan# 1400  
Delta R.T. -0.00 min  
Lab File: VU036040.D  
Acq: 09 Dec 2019 10:51

Tgt Ion: 62 Resp: 22403  
Ion Ratio Lower Upper  
62 100  
98 12.6 8.2 12.2#

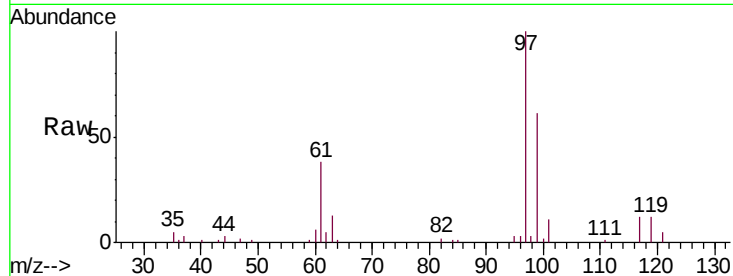




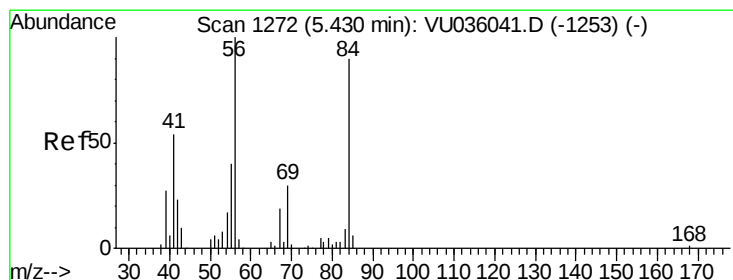
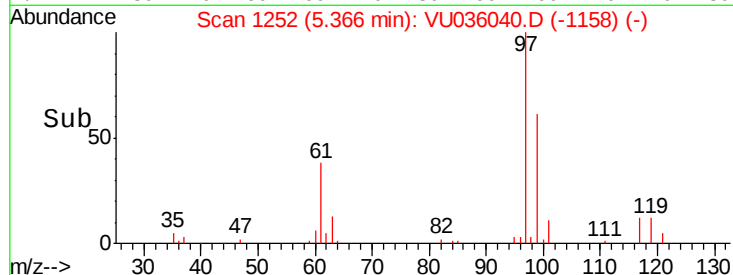
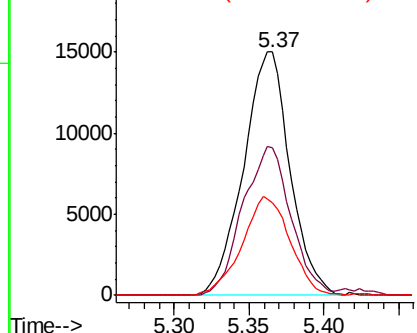
#29  
 1,1,1-Trichloroethane  
 Concen: 1.062 ug/L  
 RT: 5.37 min Scan# 1252  
 Delta R.T. 0.00 min  
 Lab File: VU036040.D  
 Acq: 09 Dec 2019 10:51

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00106

Tgt Ion: 97 Resp: 32451  
 Ion Ratio Lower Upper  
 97 100  
 99 63.4 52.2 78.2  
 61 41.7 34.7 52.1

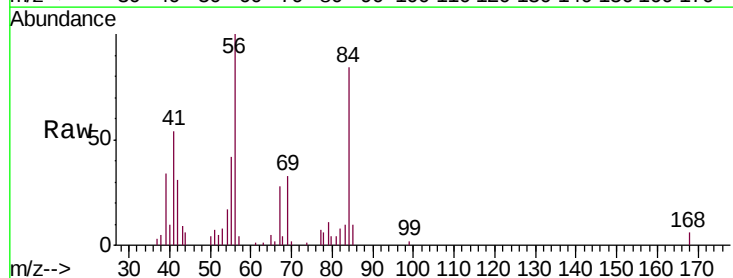


Abundance Ion 96.95 (96.65 to 97.65): VU0  
 Ion 99.05 (98.75 to 99.75): VU0  
 Ion 61.05 (60.75 to 61.75): VU0

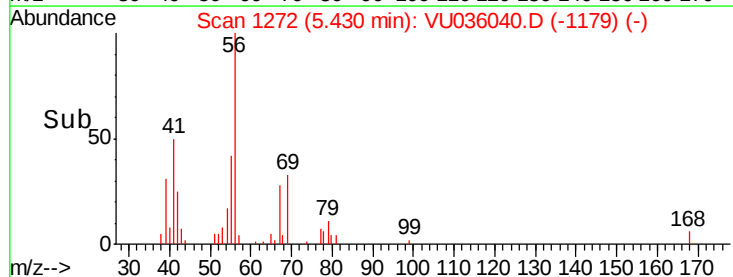
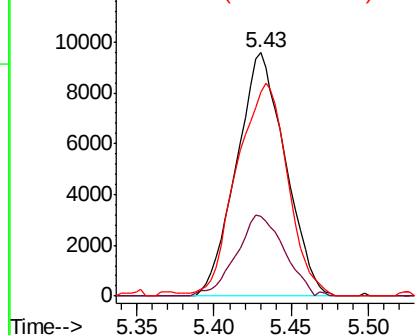


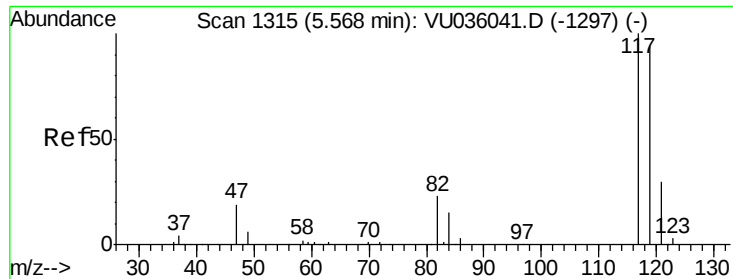
#30  
 Cyclohexane  
 Concen: 0.718 ug/L  
 RT: 5.43 min Scan# 1272  
 Delta R.T. -0.00 min  
 Lab File: VU036040.D  
 Acq: 09 Dec 2019 10:51

Tgt Ion: 56 Resp: 20985  
 Ion Ratio Lower Upper  
 56 100  
 69 32.7 25.4 38.0  
 84 91.3 74.5 111.7



Abundance Ion 56.10 (55.80 to 56.80): VU0  
 Ion 69.15 (68.85 to 69.85): VU0  
 Ion 84.15 (83.85 to 84.85): VU0





#31

Carbon tetrachloride

Concen: 1.040 ug/L

RT: 5.57 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU036040.D

Acq: 09 Dec 2019 10:51

Instrument :

MSVOA\_U

ClientSampleId :

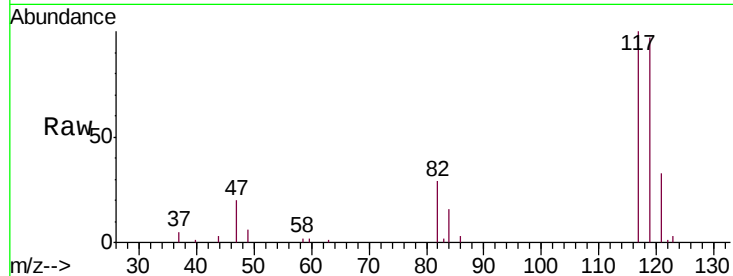
VSTD00106

Tgt Ion:117 Resp: 28377

Ion Ratio Lower Upper

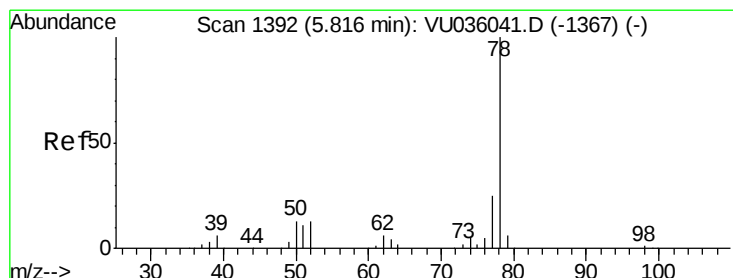
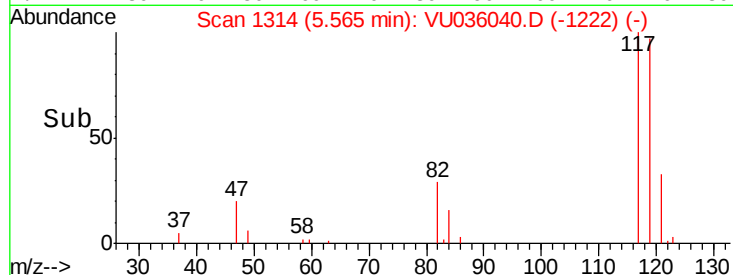
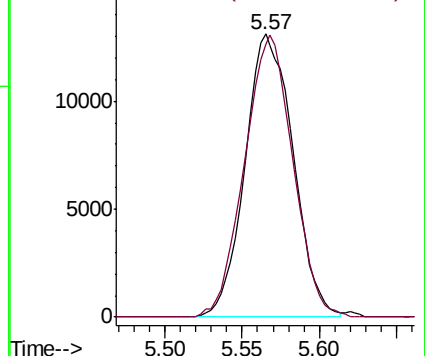
117 100

119 100.2 78.2 117.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.945 ug/L

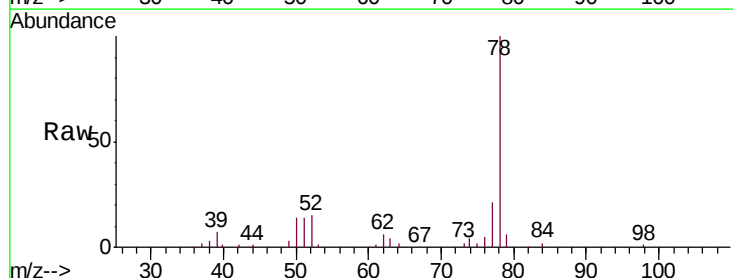
RT: 5.82 min Scan# 1392

Delta R.T. -0.00 min

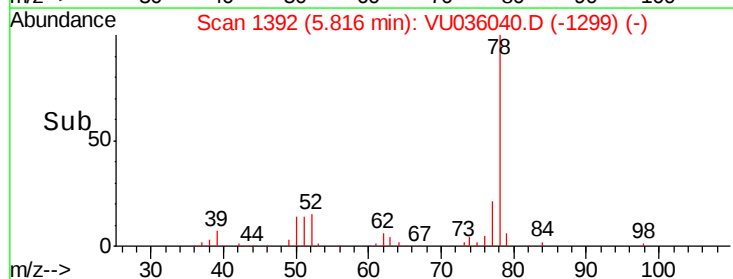
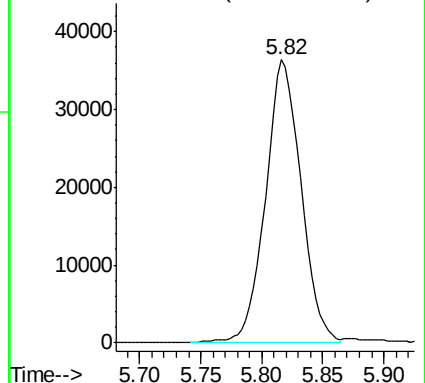
Lab File: VU036040.D

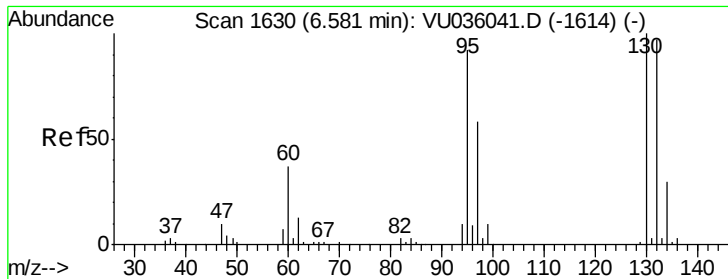
Acq: 09 Dec 2019 10:51

Tgt Ion: 78 Resp: 74235



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 0.994 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU036040.D

Acq: 09 Dec 2019 10:51

Instrument :

MSVOA\_U

ClientSampleId :

VSTD00106

Tgt Ion: 95 Resp: 19947

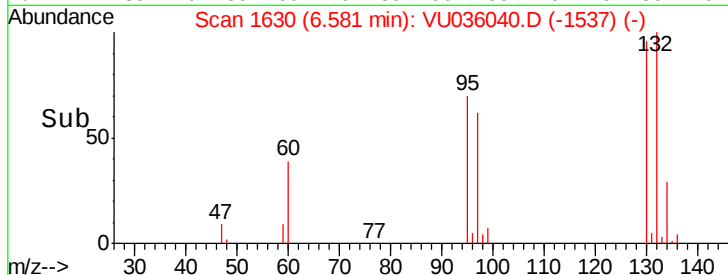
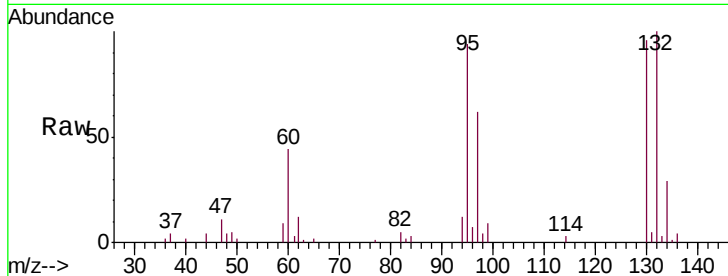
Ion Ratio Lower Upper

95 100

97 65.9 44.4 82.4

132 106.1 73.4 136.4

130 101.6 75.9 141.1

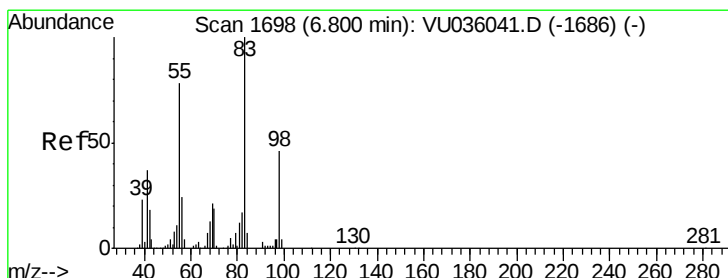
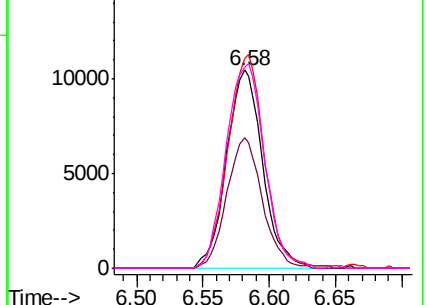


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.763 ug/L

RT: 6.80 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VU036040.D

Acq: 09 Dec 2019 10:51

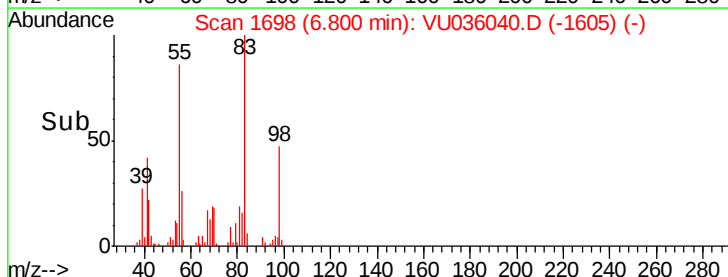
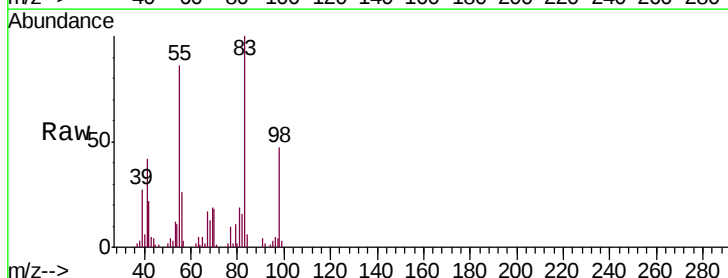
Tgt Ion: 83 Resp: 22554

Ion Ratio Lower Upper

83 100

55 88.1 62.1 93.1

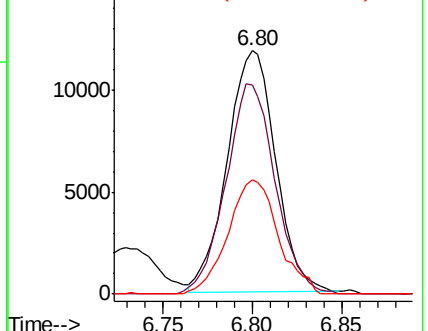
98 48.9 37.0 55.4

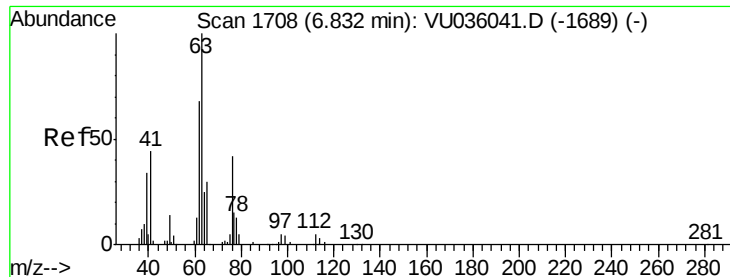


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

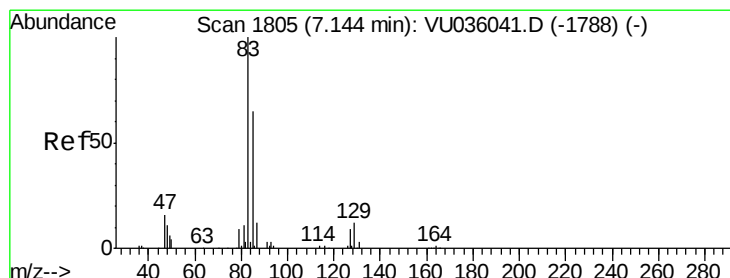
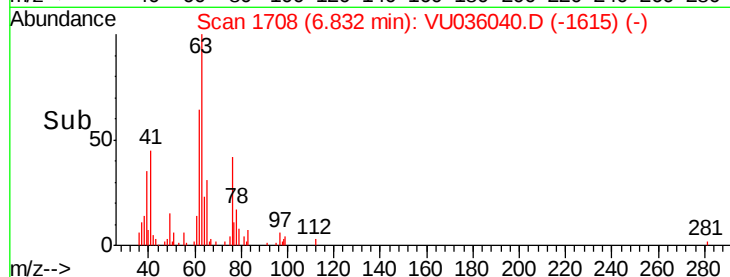
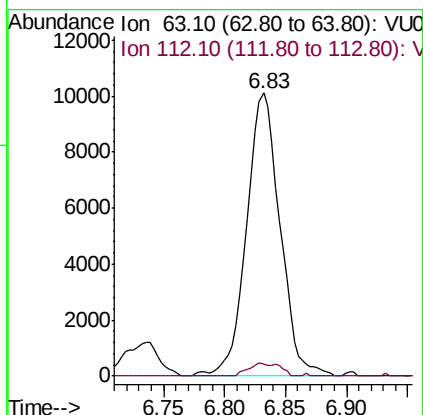
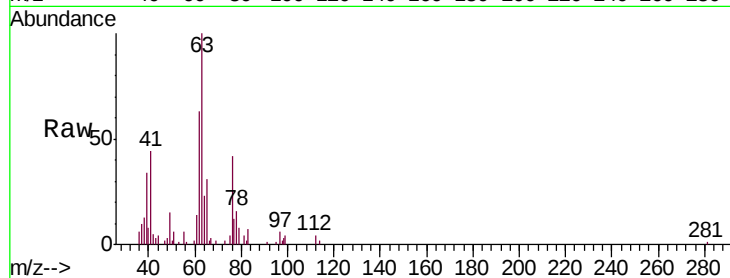




#37  
 1,2-Dichloropropane  
 Concen: 0.901 ug/L  
 RT: 6.83 min Scan# 1708  
 Delta R.T. -0.00 min  
 Lab File: VU036040.D  
 Acq: 09 Dec 2019 10:51

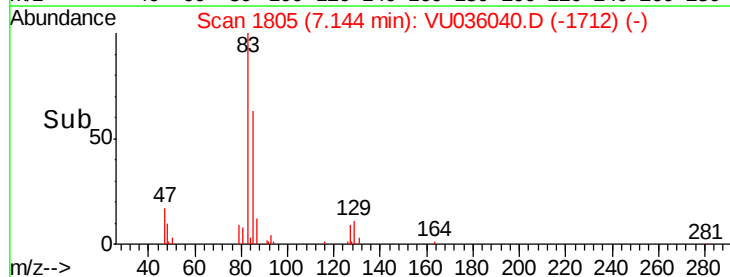
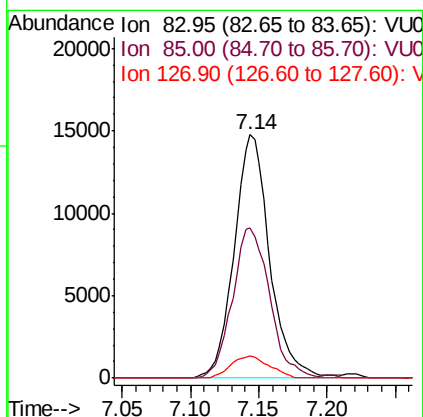
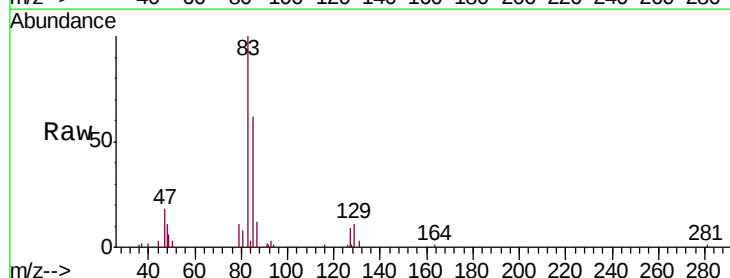
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00106

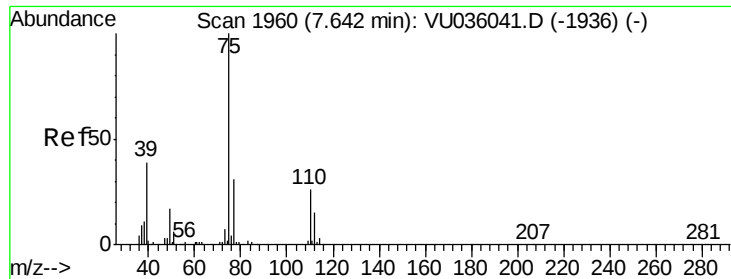
Tgt Ion: 63 Resp: 19075  
 Ion Ratio Lower Upper  
 63 100  
 112 4.2 3.8 5.8



#38  
 Bromodichloromethane  
 Concen: 1.041 ug/L  
 RT: 7.14 min Scan# 1805  
 Delta R.T. -0.00 min  
 Lab File: VU036040.D  
 Acq: 09 Dec 2019 10:51

Tgt Ion: 83 Resp: 26643  
 Ion Ratio Lower Upper  
 83 100  
 85 61.8 45.2 84.0  
 127 8.9 7.4 11.2

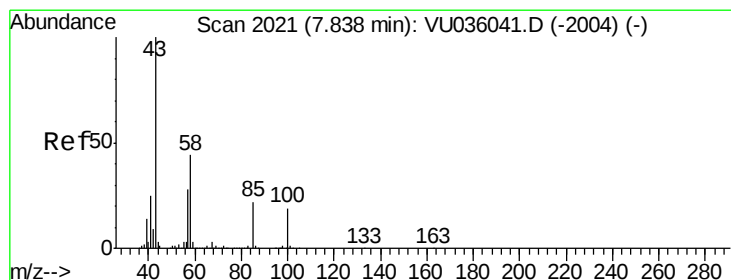
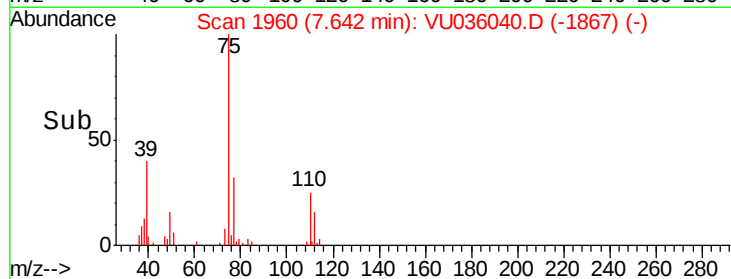
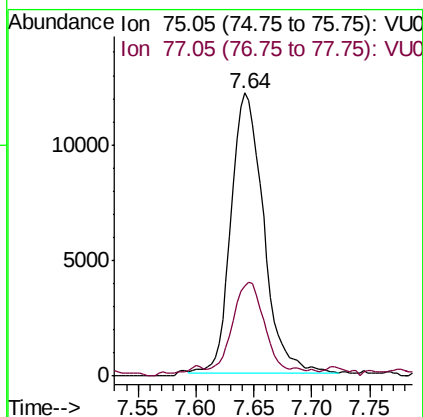
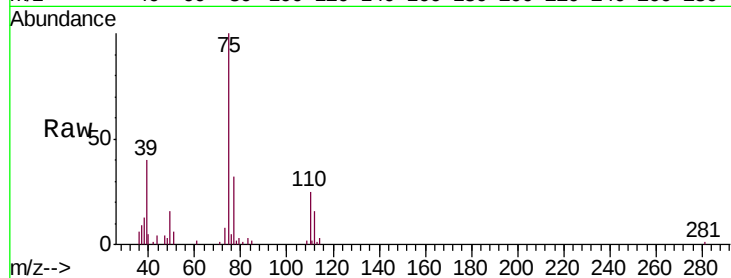




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.837 ug/L  
 RT: 7.64 min Scan# 1960  
 Delta R.T. -0.00 min  
 Lab File: VU036040.D  
 Acq: 09 Dec 2019 10:51

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTD00106

Tgt Ion: 75 Resp: 23440  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 21.7 40.3



#40  
 4-Methyl-2-pentanone  
 Concen: 7.772 ug/L  
 RT: 7.84 min Scan# 2021  
 Delta R.T. -0.00 min  
 Lab File: VU036040.D  
 Acq: 09 Dec 2019 10:51

Tgt Ion: 43 Resp: 94147  
 Ion Ratio Lower Upper  
 43 100  
 58 39.6 34.5 51.7  
 100 17.2 14.3 21.5

