

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\  
 Data File : VU037418.D  
 Acq On : 28 Mar 2020 15:43  
 Operator : JC/MD  
 Sample : L2002-21  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAWJ3

Quant Time: Mar 30 00:46:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR032820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Mar 30 00:15:54 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 156817   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 149840   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 78007    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 35642    | 3.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 61.60%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 28193    | 3.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 65.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 84303    | 3.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 74.60%  |
| 20) 2-Butanone-d5              | 4.68   | 46    | 104128   | 33.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 66.00%  |
| 24) Chloroform-d               | 5.11   | 84    | 71658    | 3.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 62.60%# |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 39494    | 3.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 62.80%# |
| 32) Benzene-d6                 | 5.76   | 84    | 137734   | 3.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 63.60%# |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 45065    | 3.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 63.00%  |
| 41) Toluene-d8                 | 7.93   | 98    | 125740   | 3.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 61.20%# |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 20768    | 3.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 61.60%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 89261    | 33.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 66.64%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 37872    | 3.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 63.00%# |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 46947    | 3.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 61.20%# |

## Target Compounds

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Ovalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 2) Dichlorodifluoromethane     | 1.39 | 85   | 30537    | 2.321 | ug/L  | 98     |
| 3) Chloromethane               | 1.53 | 50   | 72511    | 6.217 | ug/L  | 99     |
| 5) Vinyl chloride              | 1.62 | 62   | 56044    | 4.565 | ug/L  | 99     |
| 6) Bromomethane                | 1.87 | 94   | 31936    | 4.616 | ug/L  | 95     |
| 8) Chloroethane                | 1.95 | 64   | 27707    | 4.046 | ug/L  | 95     |
| 9) Trichlorofluoromethane      | 2.16 | 101  | 141704   | 8.622 | ug/L  | 99     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.60 | 101  | 42480    | 4.242 | ug/L  | 97     |
| 12) 1,1-Dichloroethene         | 2.60 | 96   | 54104    | 5.246 | ug/L  | 84     |
| 16) Methylene chloride         | 3.08 | 84   | 34640    | 3.005 | ug/L  | 95     |
| 17) Methyl tert-butyl Ether    | 3.40 | 73   | 141870   | 5.055 | ug/L  | 99     |
| 18) trans-1,2-Dichloroethene   | 3.39 | 96   | 65878    | 6.108 | ug/L  | 97     |
| 22) cis-1,2-Dichloroethene     | 4.71 | 96   | 70364    | 5.822 | ug/L  | 99     |
| 23) Bromochloromethane         | 5.02 | 128  | 10080    | 1.888 | ug/L  | 99     |
| 25) Chloroform                 | 5.13 | 83   | 92283    | 4.352 | ug/L  | 99     |
| 27) 1,2-Dichloroethane         | 5.83 | 62   | 65006    | 4.589 | ug/L  | 98     |
| 29) 1,1,1-Trichloroethane      | 5.36 | 97   | 90820    | 4.822 | ug/L  | 98     |
| 31) Carbon tetrachloride       | 5.56 | 117  | 78890    | 4.851 | ug/L  | 99     |

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 Data File : VU037418.D  
 Acq On : 28 Mar 2020 15:43  
 Operator : JC/MD  
 Sample : L2002-21  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

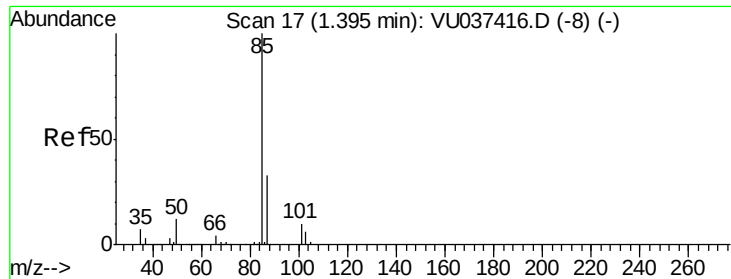
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAWJ3

Quant Time: Mar 30 00:46:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR032820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Mar 30 00:15:54 2020  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|-------|------|----------|-------|-------|----------|
| -----                         |       |      |          |       |       |          |
| 34) Trichloroethene           | 6.57  | 95   | 95441    | 7.552 | ug/L  | 96       |
| 37) 1,2-Dichloropropane       | 6.83  | 63   | 55314    | 4.822 | ug/L  | 98       |
| 38) Bromodichloromethane      | 7.14  | 83   | 31707    | 2.021 | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.64  | 75   | 33475    | 1.790 | ug/L  | 99       |
| 42) Toluene                   | 8.00  | 91   | 138024   | 2.886 | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 8.43  | 97   | 63487    | 7.400 | ug/L  | 93       |
| 47) Tetrachloroethene         | 8.58  | 164  | 42324    | 4.862 | ug/L  | 97       |
| 49) Dibromochloromethane      | 8.83  | 129  | 60572    | 5.721 | ug/L  | 100      |
| 52) Ethylbenzene              | 9.59  | 91   | 527351   | 9.609 | ug/L  | 100      |
| 54) o-Xylene                  | 10.12 | 106  | 59321    | 2.931 | ug/L  | 95       |
| 55) Styrene                   | 10.13 | 104  | 102466   | 2.963 | ug/L  | 99       |
| 56) Isopropylbenzene          | 10.50 | 105  | 366097   | 6.790 | ug/L  | 100      |
| 58) 1,1,2,2-Tetrachloroethane | 10.80 | 83   | 48880    | 4.463 | ug/L  | 95       |
| 62) 1,3-Dichlorobenzene       | 11.76 | 146  | 48706    | 1.942 | ug/L  | 98       |
| 65) 1,2-Dichlorobenzene       | 12.23 | 146  | 46463    | 1.919 | ug/L  | 99       |
| -----                         |       |      |          |       |       |          |

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





#2

Dichlorodifluoromethane

Concen: 2.321 ug/L

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

Instrument :

MSVOA\_U

ClientSampleId :

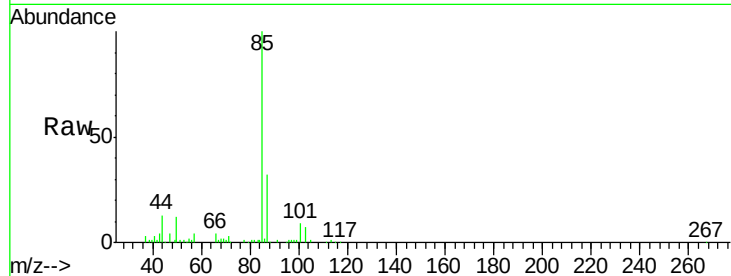
GAWJ3

Tot Ion: 85 Resp: 30537

Ion Ratio Lower Upper

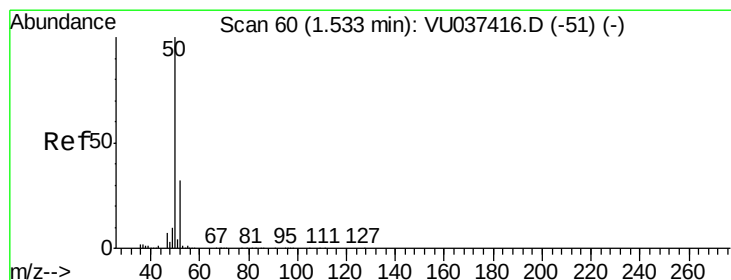
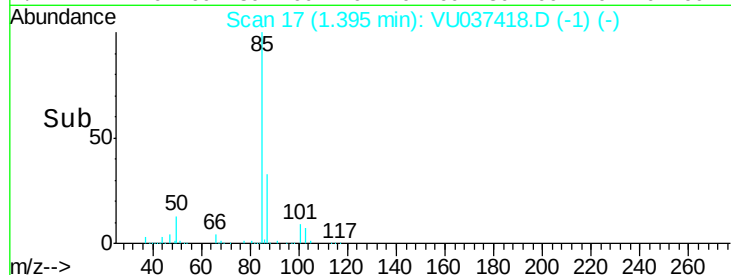
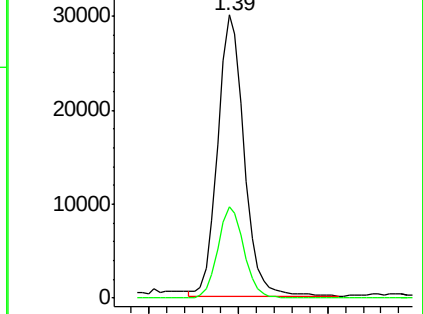
85 100

87 32.1 24.9 37.3



Abundance Ion 85.00 (84.70 to 85.70): VU037418.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VU037418.D (-8) (-)



#3

Chloromethane

Concen: 6.217 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU037418.D

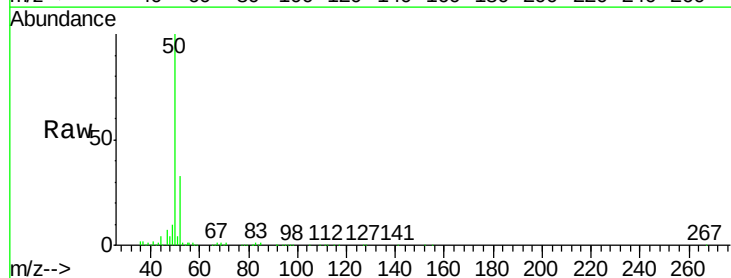
Acq: 28 Mar 2020 15:43

Tgt Ion: 50 Resp: 72511

Ion Ratio Lower Upper

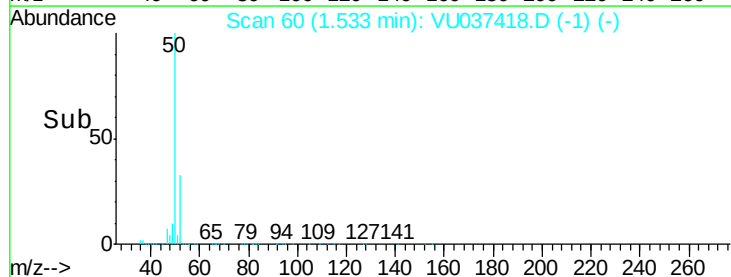
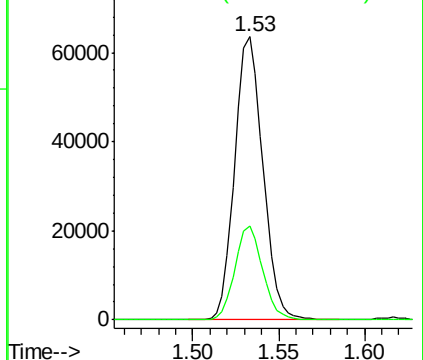
50 100

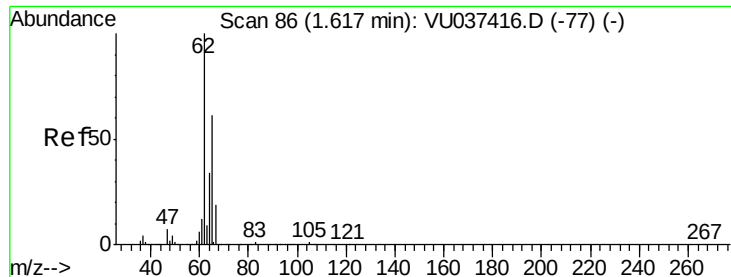
52 33.2 23.6 43.8



Abundance Ion 50.05 (49.75 to 50.75): VU037418.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU037418.D (-51) (-)





#5

Vinyl chloride

Concen: 4.565 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

Instrument :

MSVOA\_U

ClientSampleId :

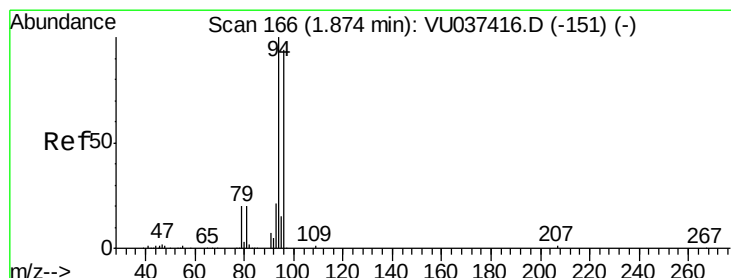
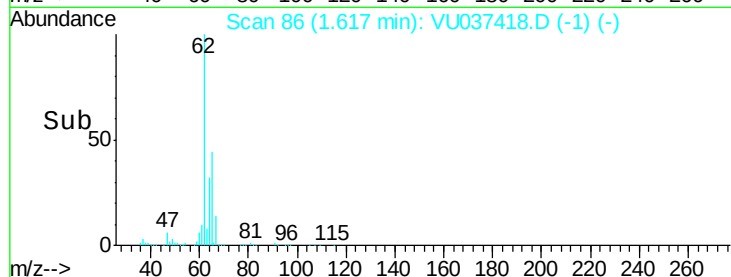
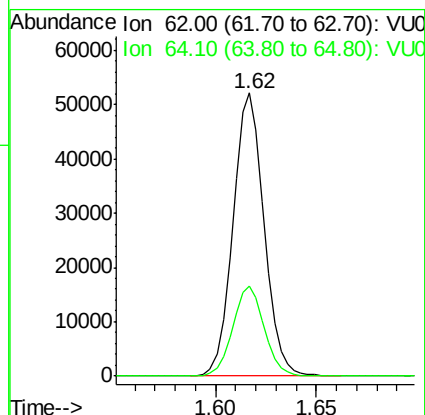
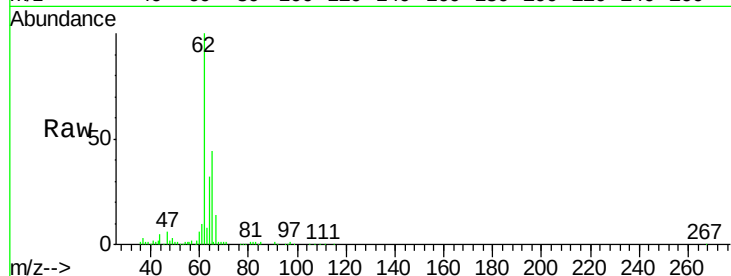
GAWJ3

Tot Ion: 62 Resp: 56044

Ion Ratio Lower Upper

62 100

64 31.9 22.9 42.5



#6

Bromomethane

Concen: 4.616 ug/L

RT: 1.87 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU037418.D

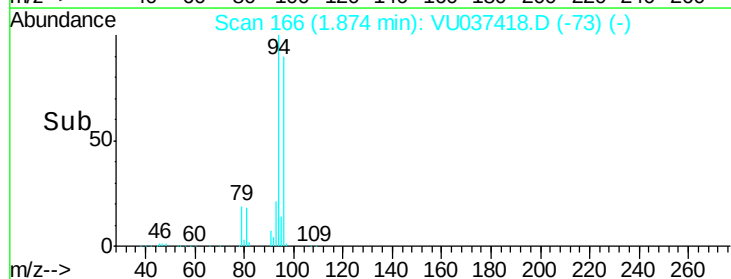
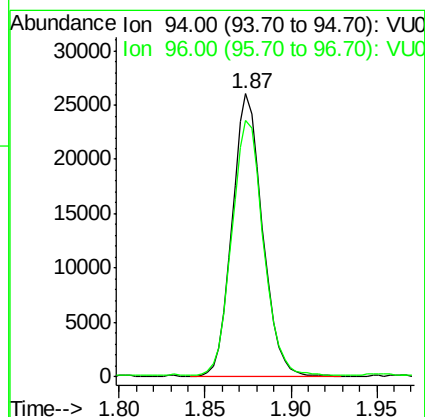
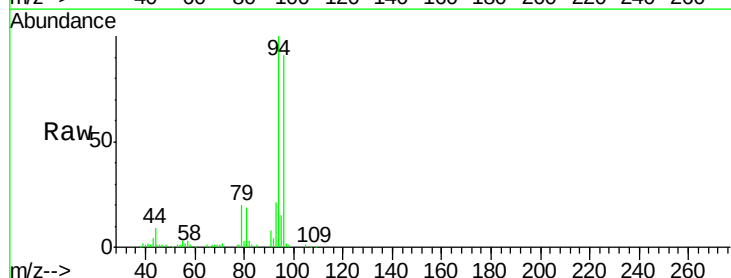
Acq: 28 Mar 2020 15:43

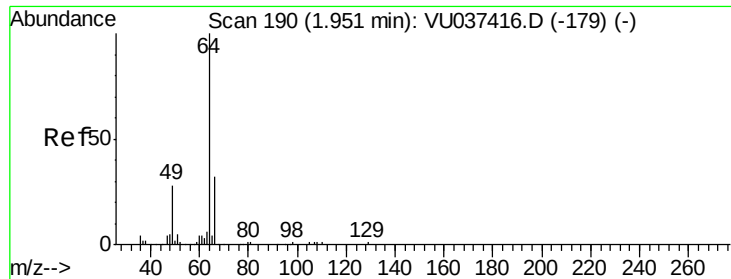
Tgt Ion: 94 Resp: 31936

Ion Ratio Lower Upper

94 100

96 90.6 66.8 124.2

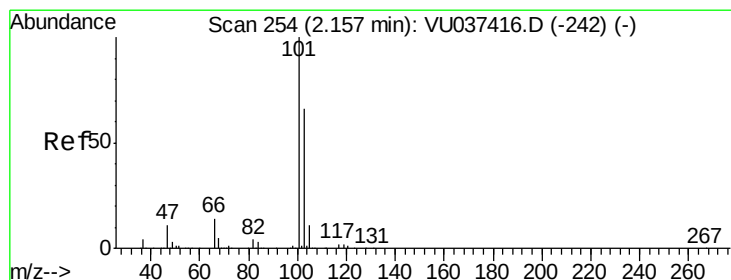
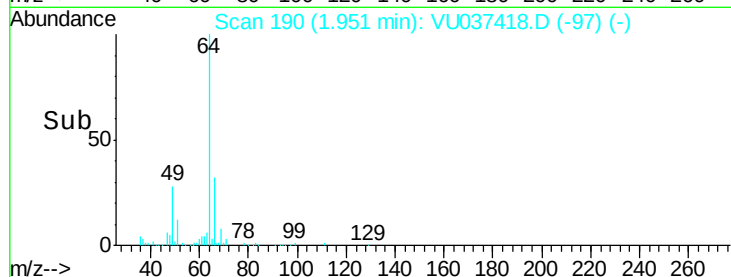
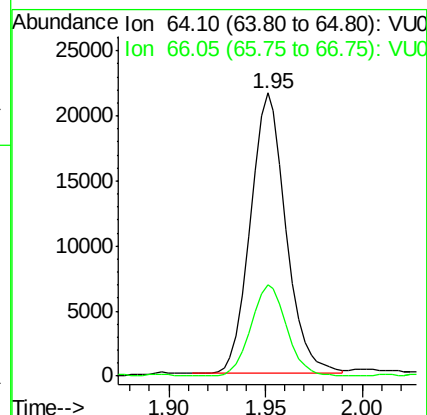
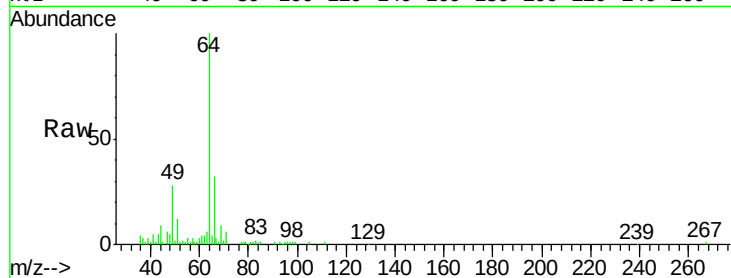




#8  
Chloroethane  
Concen: 4.046 ug/L  
RT: 1.95 min Scan# 190  
Delta R.T. 0.00 min  
Lab File: VU037418.D  
Acq: 28 Mar 2020 15:43

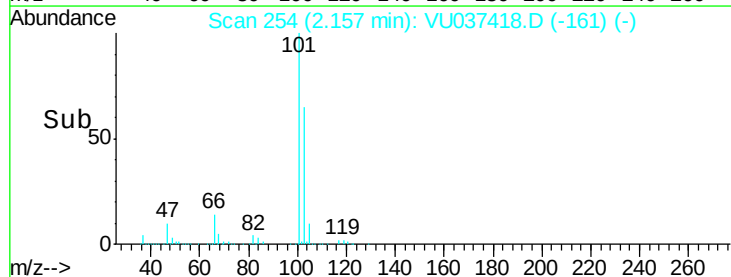
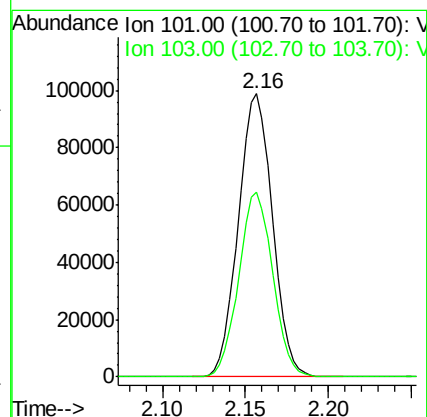
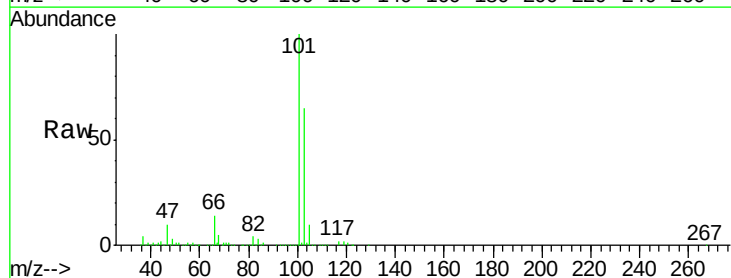
Instrument :  
MSVOA\_U  
ClientSampleId :  
GAWJ3

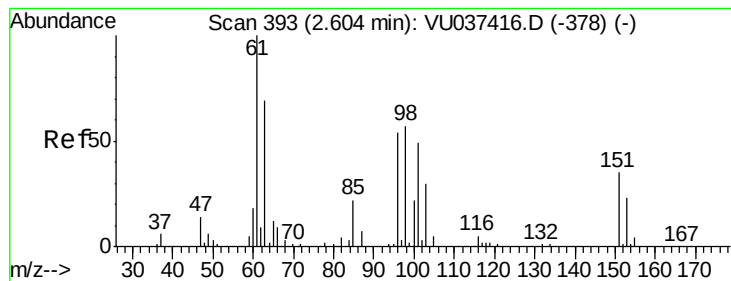
Tot Ion: 64 Resp: 27707  
Ion Ratio Lower Upper  
64 100  
66 32.4 24.8 46.0



#9  
Trichlorofluoromethane  
Concen: 8.622 ug/L  
RT: 2.16 min Scan# 254  
Delta R.T. 0.00 min  
Lab File: VU037418.D  
Acq: 28 Mar 2020 15:43

Tgt Ion: 101 Resp: 141704  
Ion Ratio Lower Upper  
101 100  
103 65.1 51.8 77.6





#10

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

Concen: 4.242 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

Instrument :

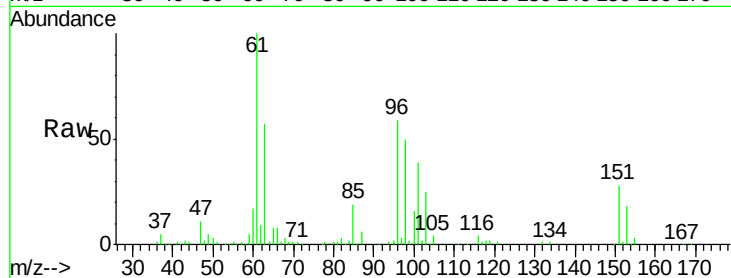
MSVOA\_U

ClientSampleId :

GAWJ3

Tot Ion:101 Resp: 42480

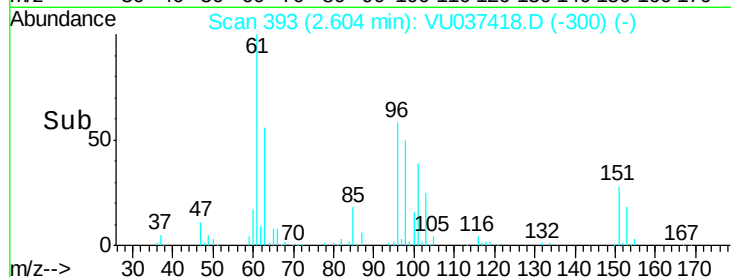
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 101 | 100   |       |       |
| 85  | 46.3  | 39.0  | 58.6  |
| 151 | 71.2  | 58.8  | 88.2  |



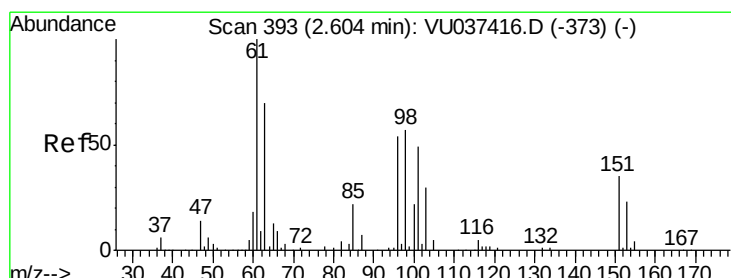
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 5.246 ug/L

RT: 2.60 min Scan# 393

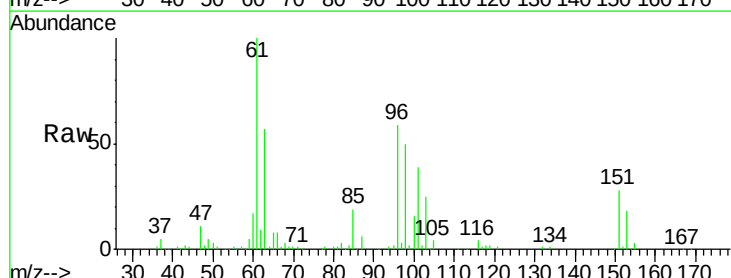
Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

Tgt Ion: 96 Resp: 54104

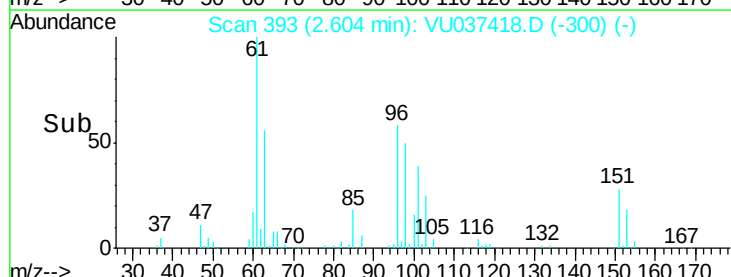
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 170.2 | 125.4 | 232.8 |
| 63  | 96.4  | 90.9  | 168.7 |



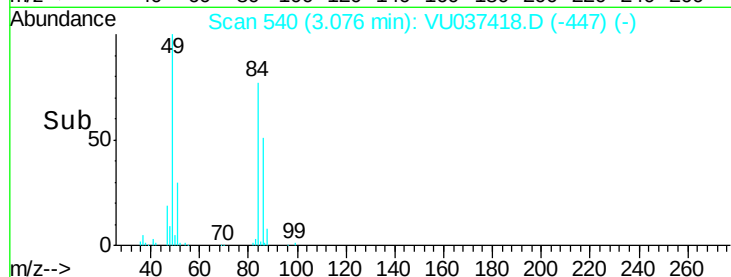
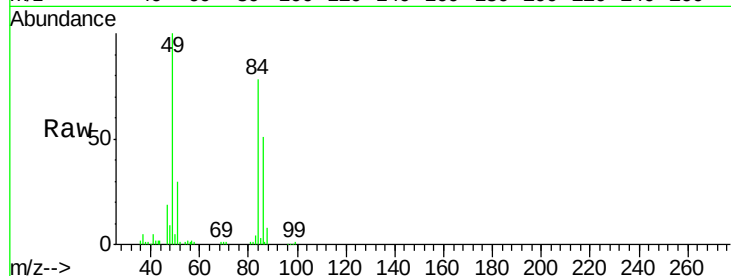
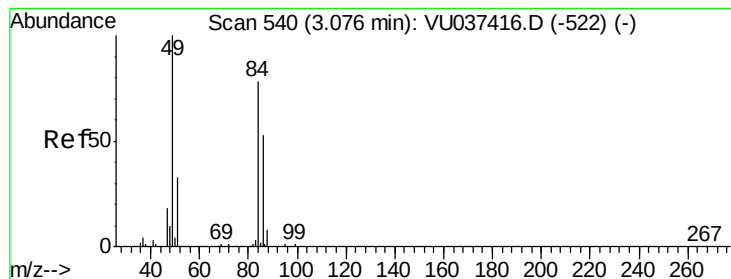
Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



Time-->



#16

Methylene chloride

Concen: 3.005 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

Instrument :

MSVOA\_U

ClientSampleId :

GAWJ3

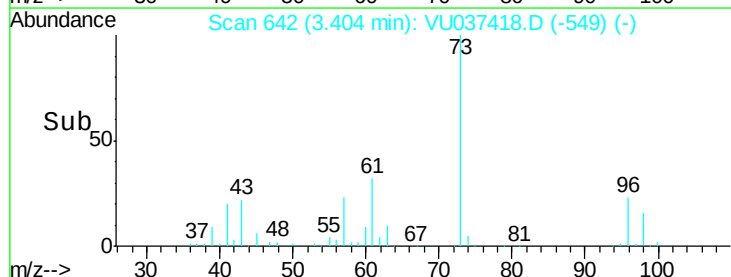
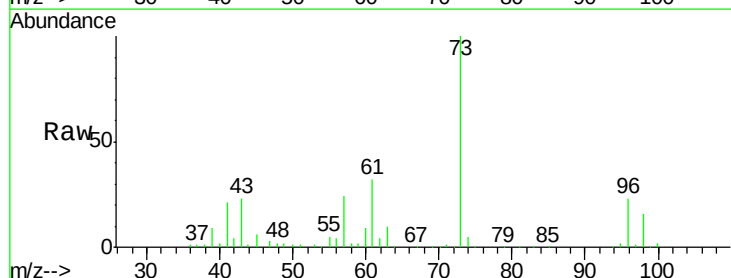
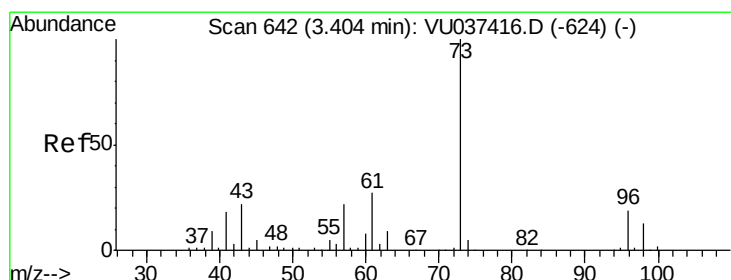
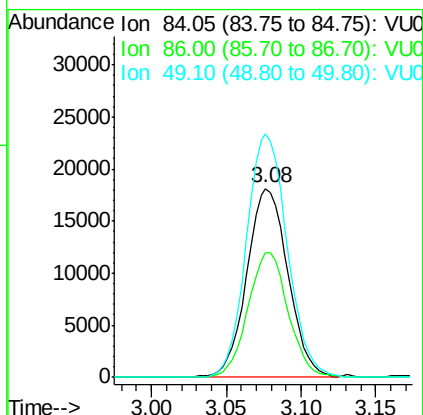
Tot Ion: 84 Resp: 34640

Ion Ratio Lower Upper

84 100

86 65.9 43.6 81.0

49 128.7 86.4 160.4



#17

Methyl tert-butyl Ether

Concen: 5.055 ug/L

RT: 3.40 min Scan# 642

Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

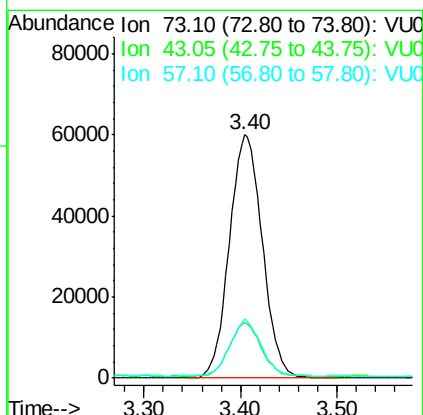
Tgt Ion: 73 Resp: 141870

Ion Ratio Lower Upper

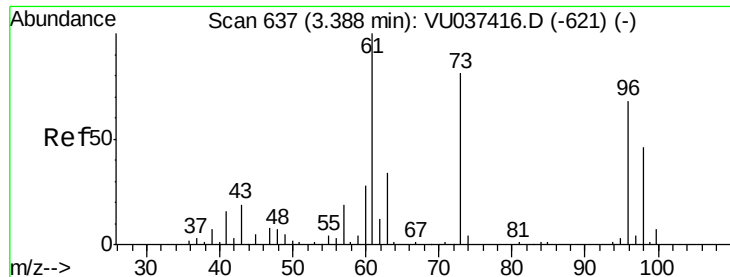
73 100

43 21.0 17.4 26.2

57 21.8 17.3 25.9



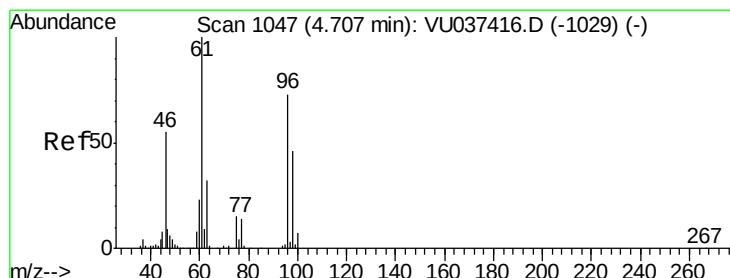
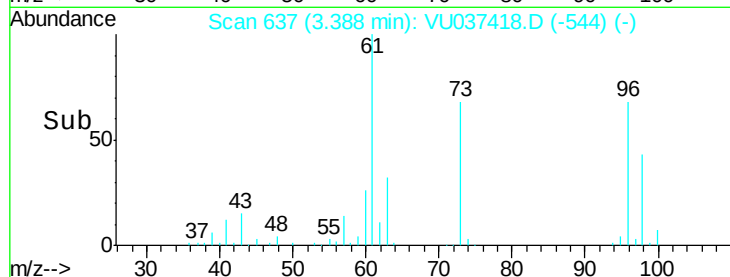
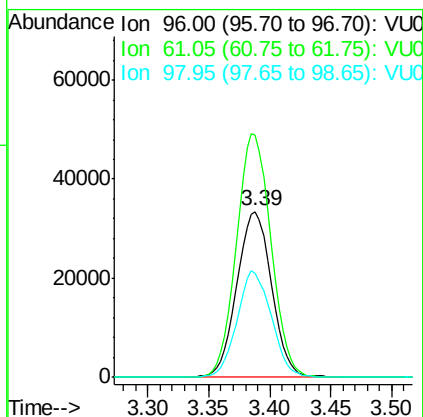
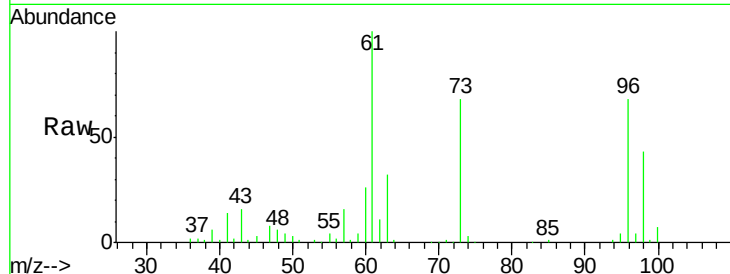




#18  
trans-1,2-Dichloroethene  
Concen: 6.108 ug/L  
RT: 3.39 min Scan# 637  
Delta R.T. 0.00 min  
Lab File: VU037418.D  
Acq: 28 Mar 2020 15:43

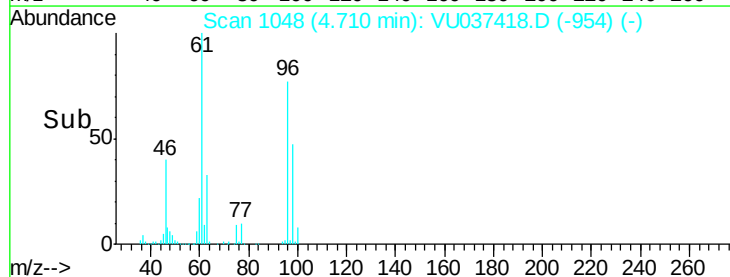
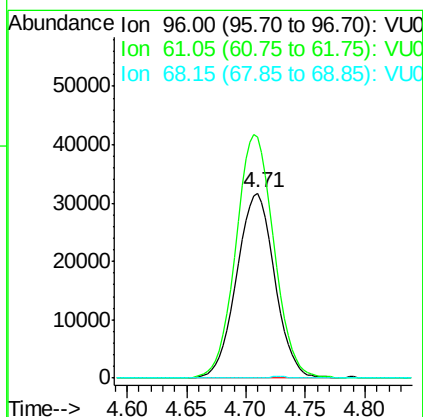
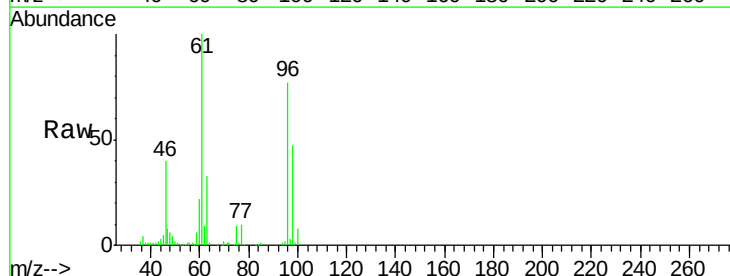
Instrument :  
MSVOA\_U  
ClientSampleId :  
GAWJ3

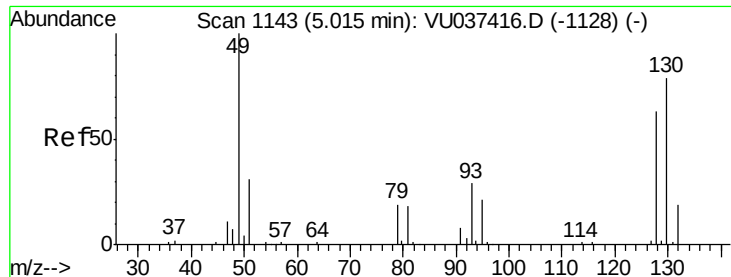
Tot Ion: 96 Resp: 65878  
Ion Ratio Lower Upper  
96 100  
61 146.4 99.9 185.5  
98 63.2 45.4 84.4



#22  
cis-1,2-Dichloroethene  
Concen: 5.822 ug/L  
RT: 4.71 min Scan# 1048  
Delta R.T. 0.00 min  
Lab File: VU037418.D  
Acq: 28 Mar 2020 15:43

Tgt Ion: 96 Resp: 70364  
Ion Ratio Lower Upper  
96 100  
61 130.2 91.6 170.2  
68 0.0 0.0 0.0





#23

Bromochloromethane

Concen: 1.888 ug/L

RT: 5.02 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

Instrument :

MSVOA\_U

ClientSampleId :

GAWJ3

Tot Ion:128 Resp: 10080

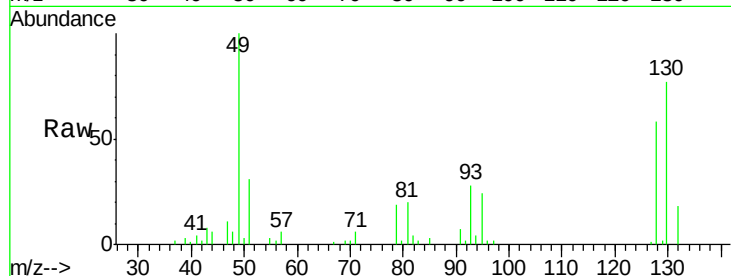
Ion Ratio Lower Upper

128 100

49 173.2 119.1 221.3

130 133.3 92.6 172.0

51 54.1 43.7 65.5

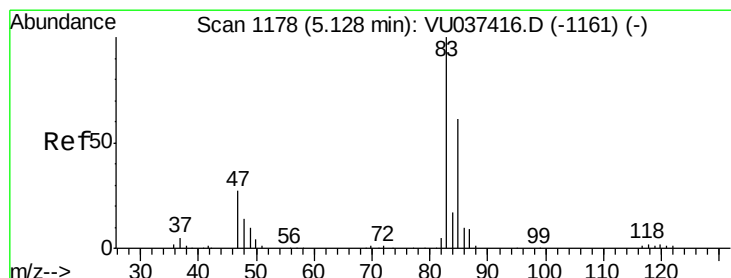
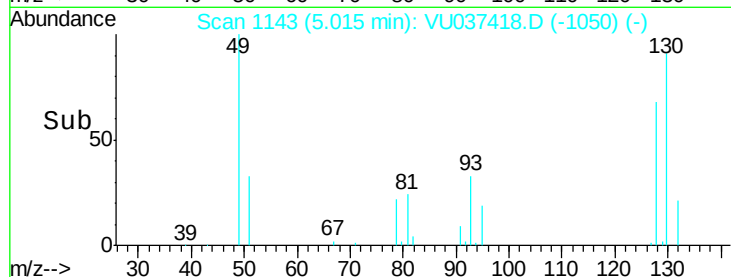
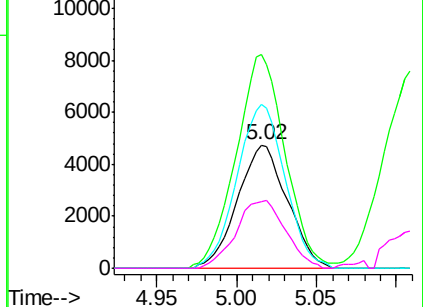


Abundance Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VU0

Ion 129.95 (129.65 to 130.65): V

Ion 51.05 (50.75 to 51.75): VU0



#25

Chloroform

Concen: 4.352 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU037418.D

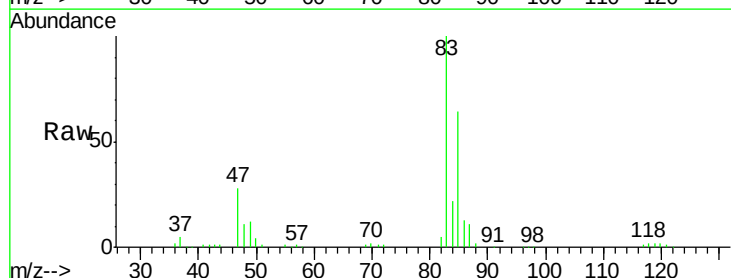
Acq: 28 Mar 2020 15:43

Tgt Ion: 83 Resp: 92283

Ion Ratio Lower Upper

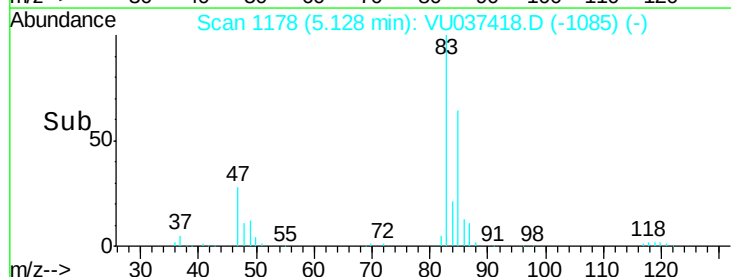
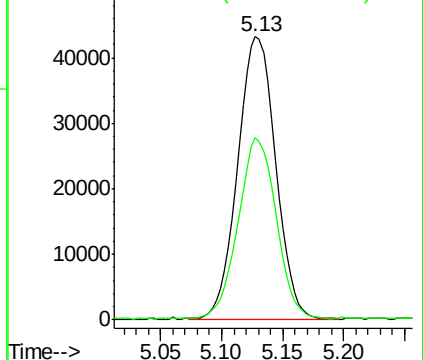
83 100

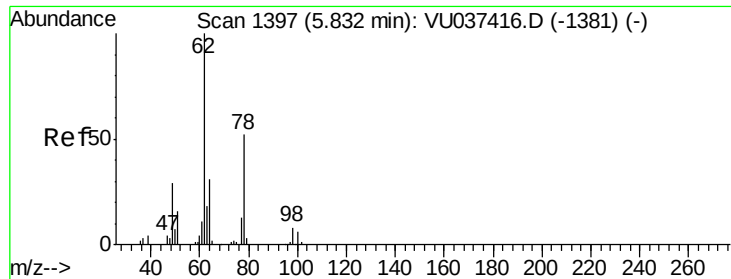
85 64.3 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

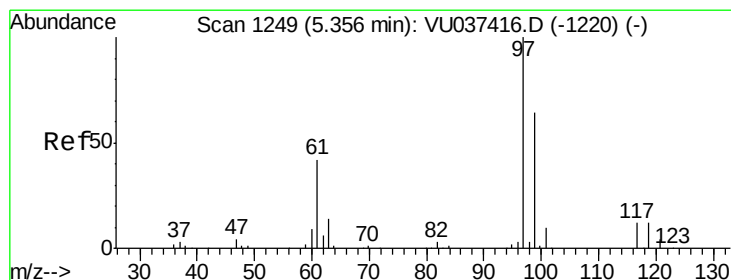
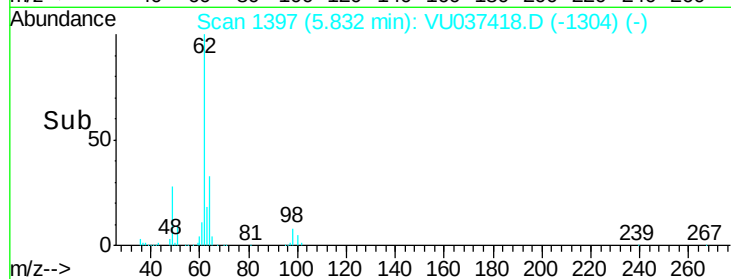
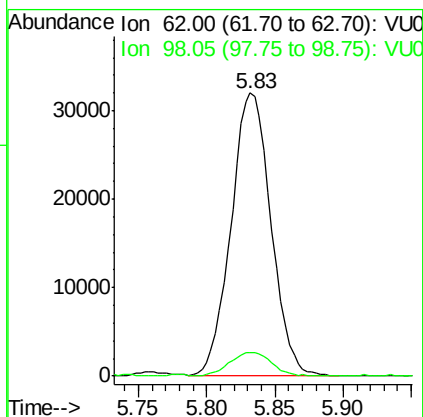
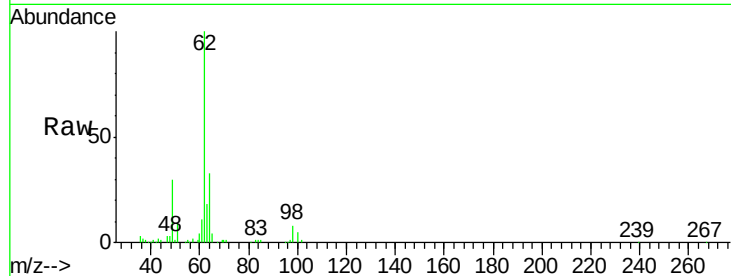




#27  
 1,2-Dichloroethane  
 Concen: 4.589 ug/L  
 RT: 5.83 min Scan# 1397  
 Delta R.T. 0.00 min  
 Lab File: VU037418.D  
 Acq: 28 Mar 2020 15:43

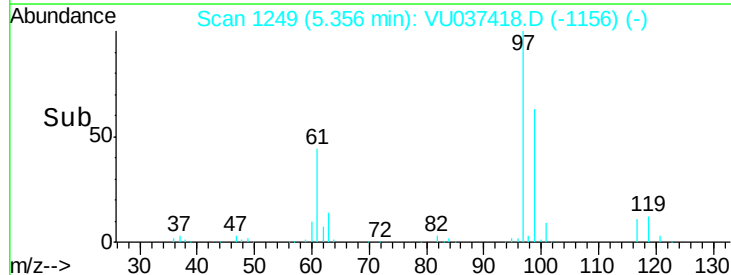
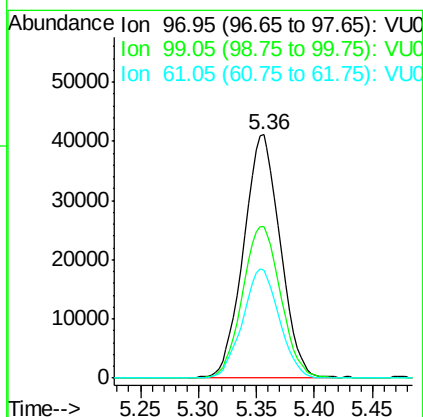
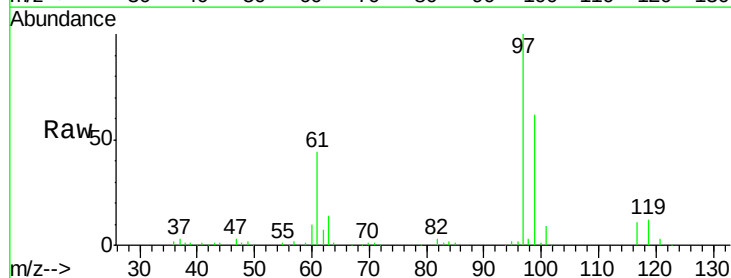
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAWJ3

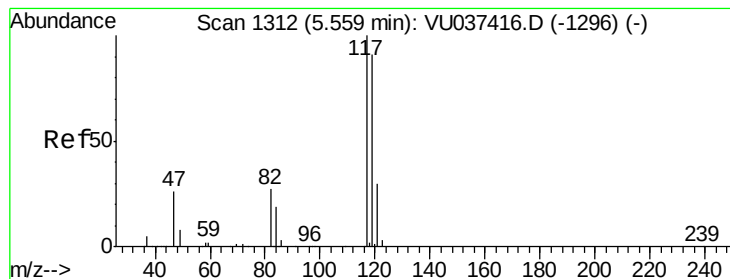
Tot Ion: 62 Resp: 65006  
 Ion Ratio Lower Upper  
 62 100  
 98 8.4 7.3 10.9



#29  
 1,1,1-Trichloroethane  
 Concen: 4.822 ug/L  
 RT: 5.36 min Scan# 1249  
 Delta R.T. 0.00 min  
 Lab File: VU037418.D  
 Acq: 28 Mar 2020 15:43

Tgt Ion: 97 Resp: 90820  
 Ion Ratio Lower Upper  
 97 100  
 99 64.8 51.0 76.6  
 61 44.7 36.7 55.1





#31

Carbon tetrachloride

Concen: 4.851 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

Instrument :

MSVOA\_U

ClientSampleId :

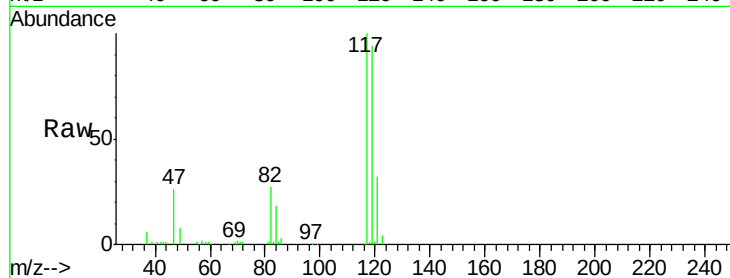
GAWJ3

Tot Ion:117 Resp: 78890

Ion Ratio Lower Upper

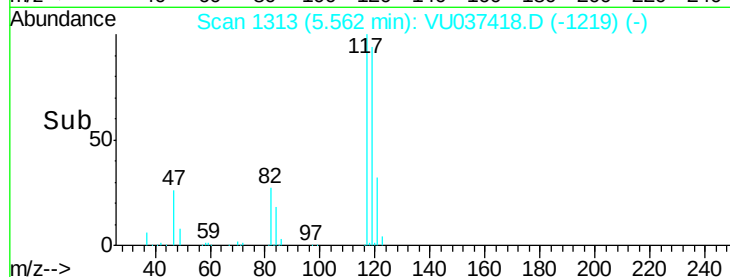
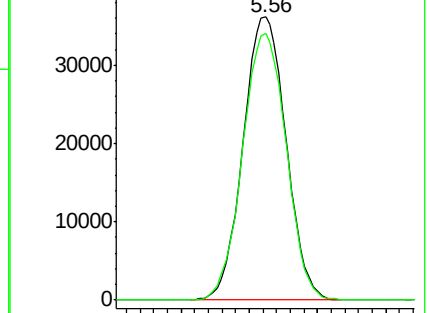
117 100

119 96.1 77.7 116.5

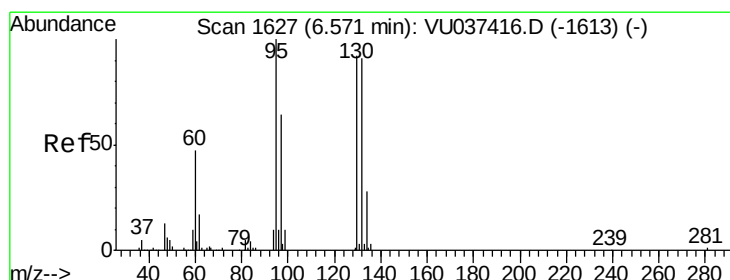


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



Time-->



#34

Trichloroethene

Concen: 7.552 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

Tgt Ion: 95 Resp: 95441

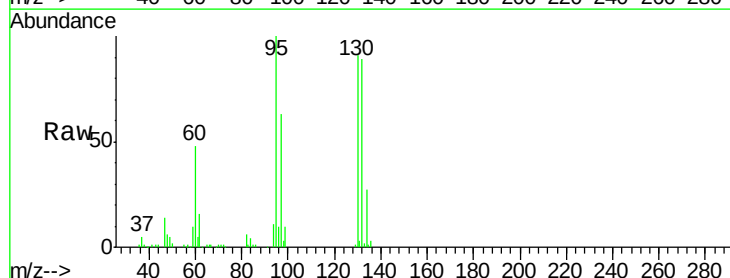
Ion Ratio Lower Upper

95 100

97 62.9 45.3 84.1

132 89.2 62.7 116.5

130 90.8 69.1 128.3

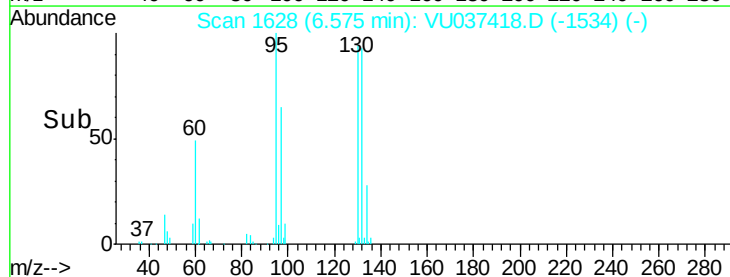
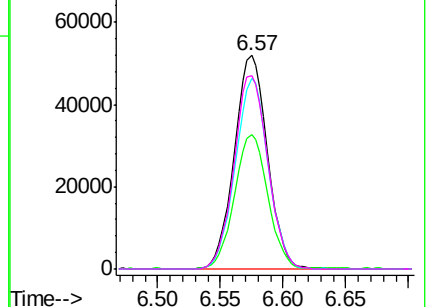


Abundance Ion 95.00 (94.70 to 95.70): VU0

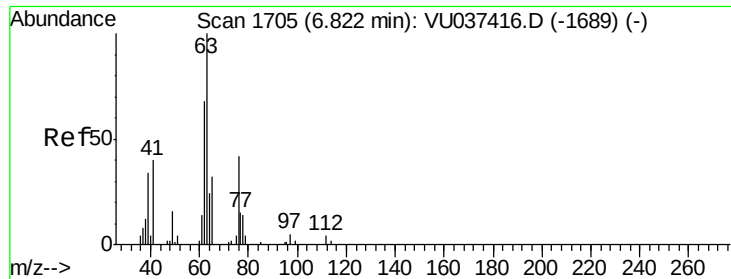
Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



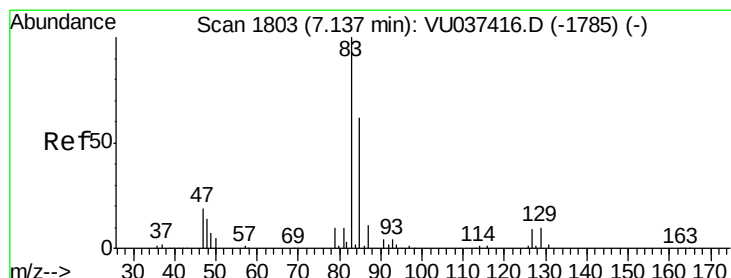
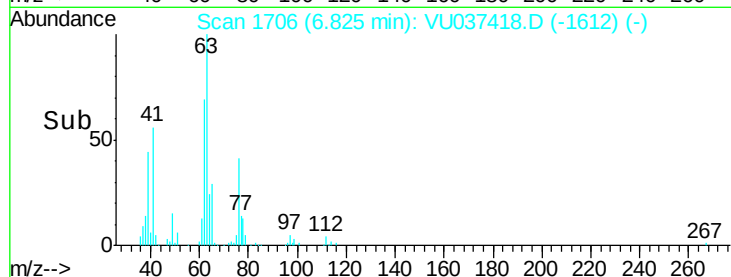
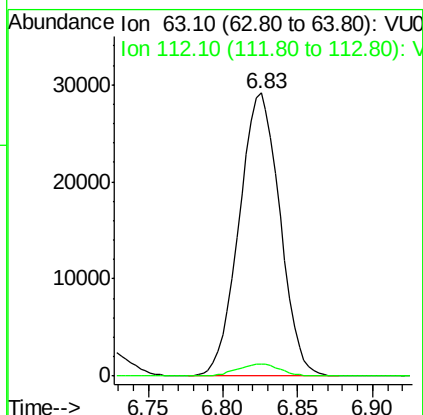
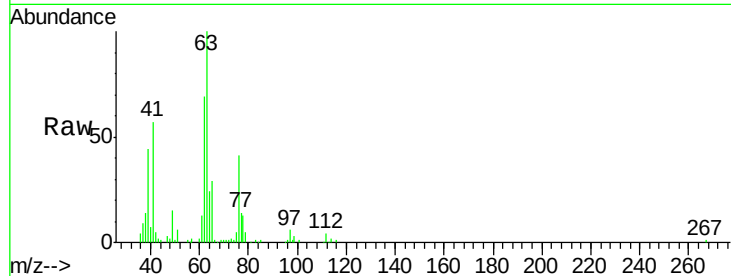
Time-->



#37  
 1,2-Dichloropropane  
 Concen: 4.822 ug/L  
 RT: 6.83 min Scan# 1706  
 Delta R.T. 0.00 min  
 Lab File: VU037418.D  
 Acq: 28 Mar 2020 15:43

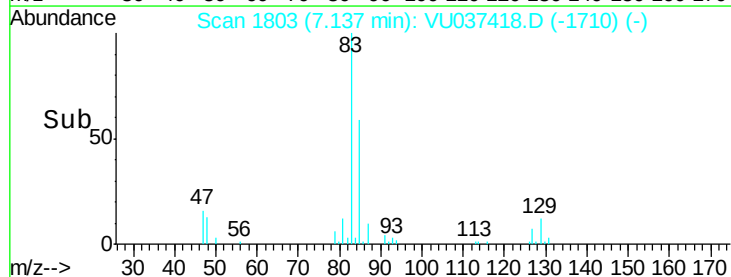
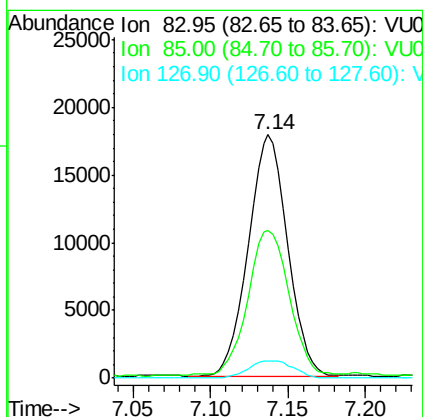
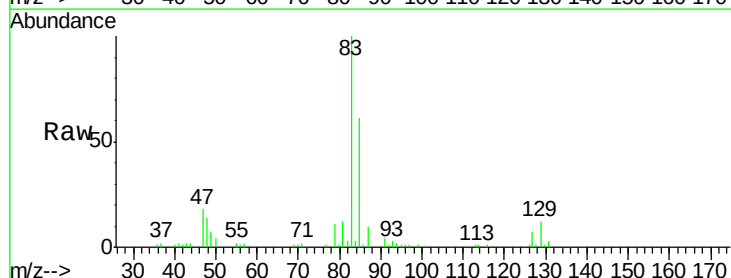
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAWJ3

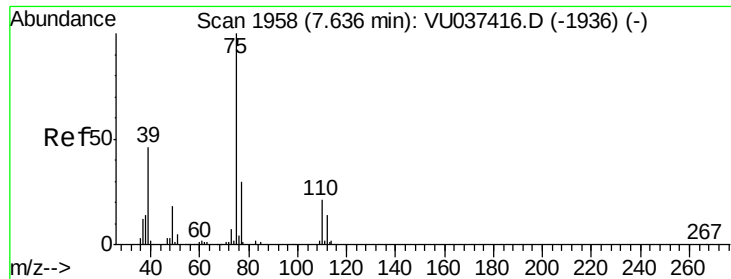
Tot Ion: 63 Resp: 55314  
 Ion Ratio Lower Upper  
 63 100  
 112 4.4 3.0 4.6



#38  
 Bromodichloromethane  
 Concen: 2.021 ug/L  
 RT: 7.14 min Scan# 1803  
 Delta R.T. 0.00 min  
 Lab File: VU037418.D  
 Acq: 28 Mar 2020 15:43

Tgt Ion: 83 Resp: 31707  
 Ion Ratio Lower Upper  
 83 100  
 85 60.7 42.4 78.8  
 127 7.0 7.0 10.6

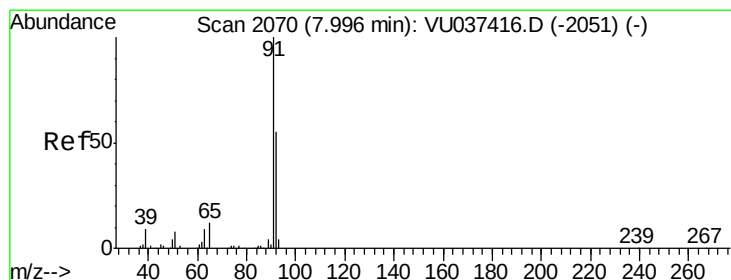
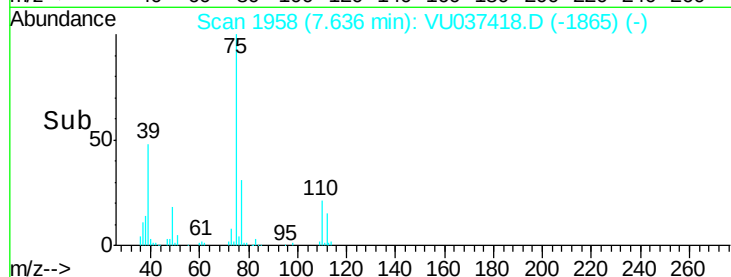
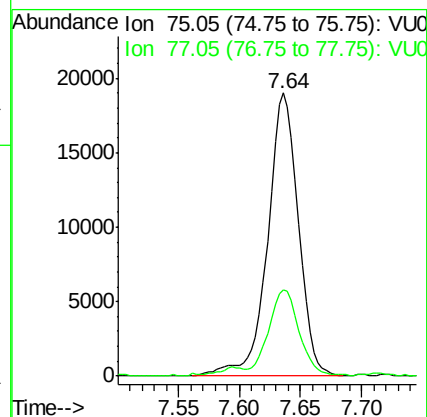
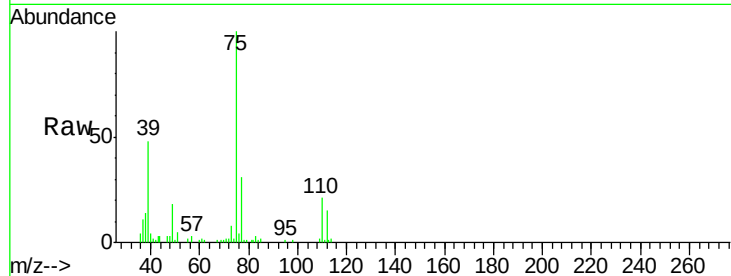




#39  
 cis-1,3-Dichloropropene  
 Concen: 1.790 ug/L  
 RT: 7.64 min Scan# 1958  
 Delta R.T. 0.00 min  
 Lab File: VU037418.D  
 Acq: 28 Mar 2020 15:43

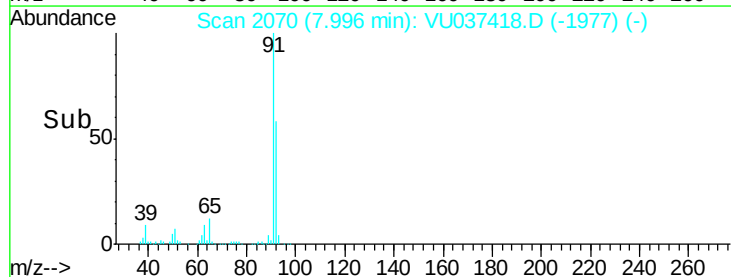
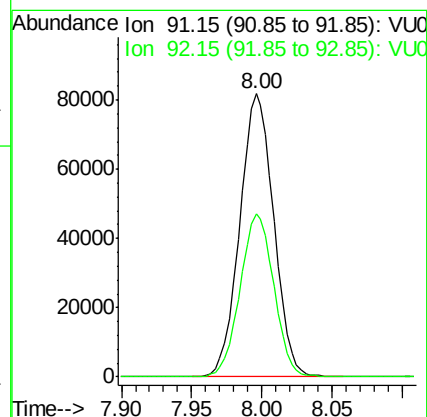
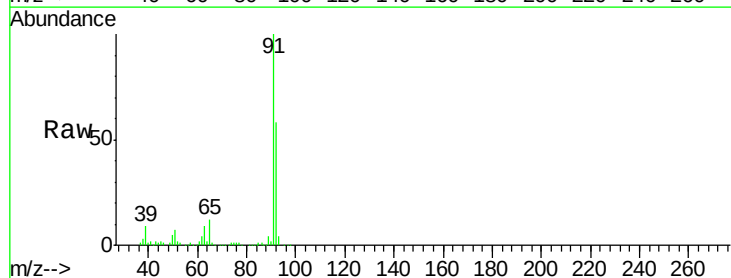
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAWJ3

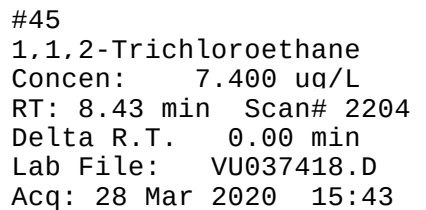
Tot Ion: 75 Resp: 33475  
 Ion Ratio Lower Upper  
 75 100  
 77 30.6 21.1 39.3



#42  
 Toluene  
 Concen: 2.886 ug/L  
 RT: 8.00 min Scan# 2070  
 Delta R.T. 0.00 min  
 Lab File: VU037418.D  
 Acq: 28 Mar 2020 15:43

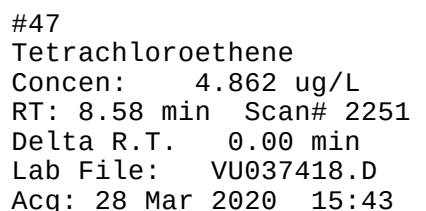
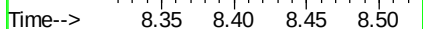
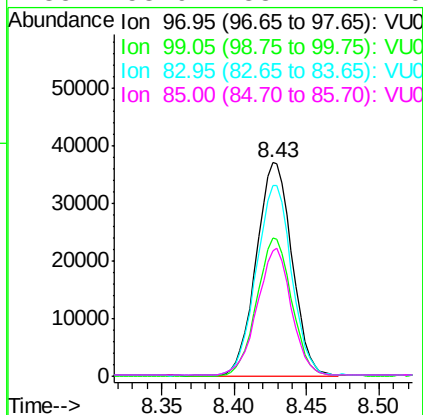
Tgt Ion: 91 Resp: 138024  
 Ion Ratio Lower Upper  
 91 100  
 92 57.6 39.8 73.8



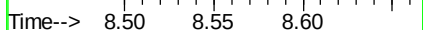
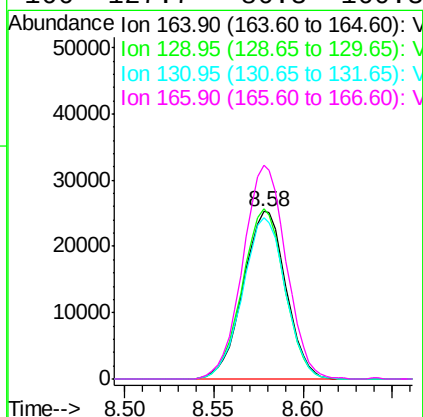


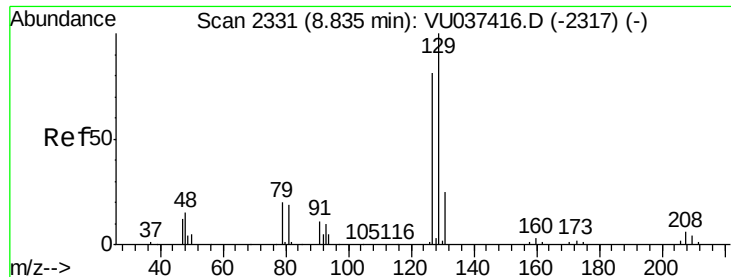
**Instrument :**  
MSVOA\_U  
**ClientSampleId :**  
GAWJ3

|     |         |       |       |
|-----|---------|-------|-------|
| Tat | Ion: 97 | Resp: | 63487 |
| Ion | Ratio   | Lower | Upper |
| 97  | 100     |       |       |
| 99  | 64.9    | 41.1  | 76.3  |
| 83  | 89.2    | 58.7  | 108.9 |
| 85  | 58.9    | 38.2  | 71.0  |



|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:164 | Resp: | 42324 |
| Ion | Ratio   | Lower | Upper |
| 164 | 100     |       |       |
| 129 | 102.0   | 68.8  | 127.8 |
| 131 | 96.8    | 66.9  | 124.3 |
| 166 | 127.7   | 86.3  | 160.3 |





#49

Dibromochloromethane

Concen: 5.721 ug/L

RT: 8.83 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

Instrument :

MSVOA\_U

ClientSampleId :

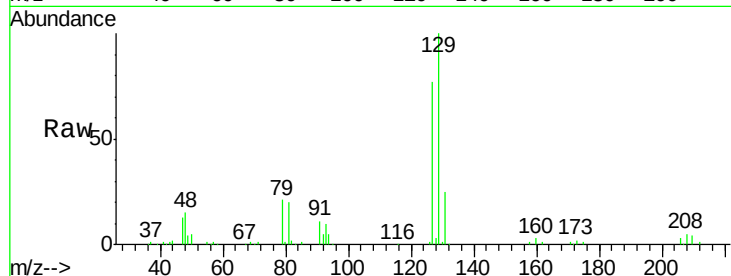
GAWJ3

Tot Ion:129 Resp: 60572

Ion Ratio Lower Upper

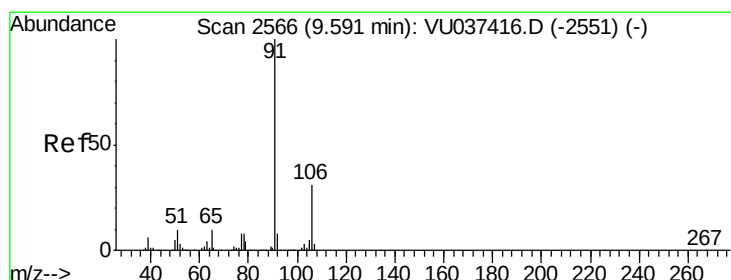
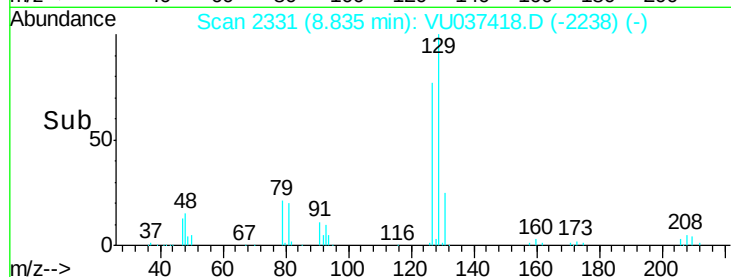
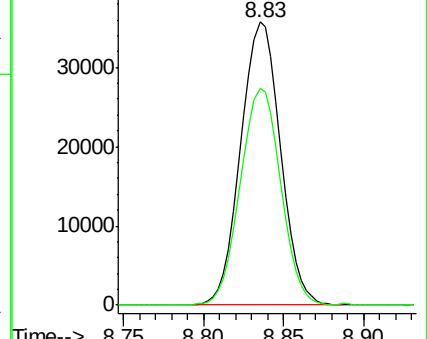
129 100

127 76.8 53.5 99.3



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#52

Ethylbenzene

Concen: 9.609 ug/L

RT: 9.59 min Scan# 2567

Delta R.T. 0.00 min

Lab File: VU037418.D

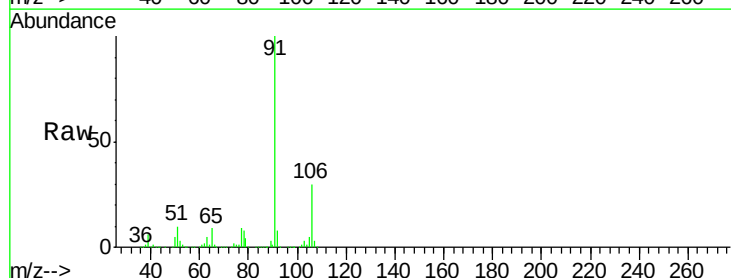
Acq: 28 Mar 2020 15:43

Tgt Ion: 91 Resp: 527351

Ion Ratio Lower Upper

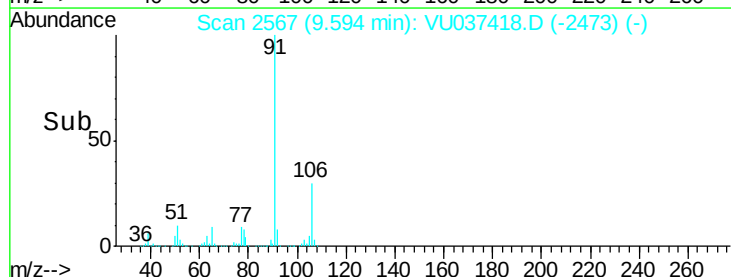
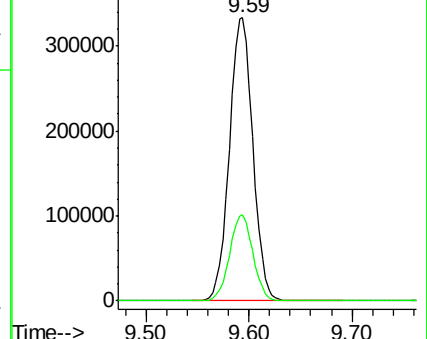
91 100

106 30.4 21.3 39.6

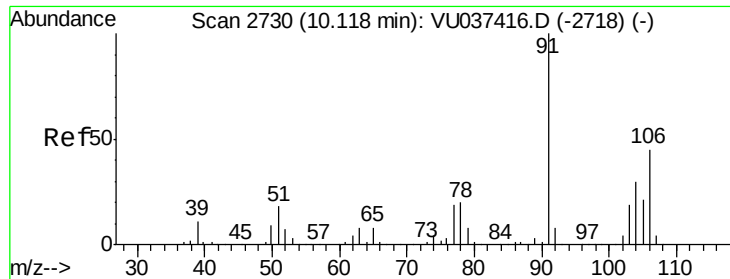


Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V



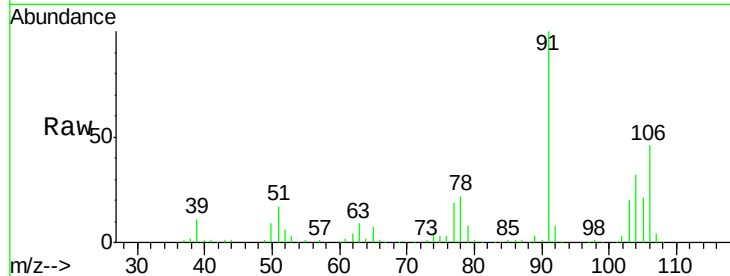




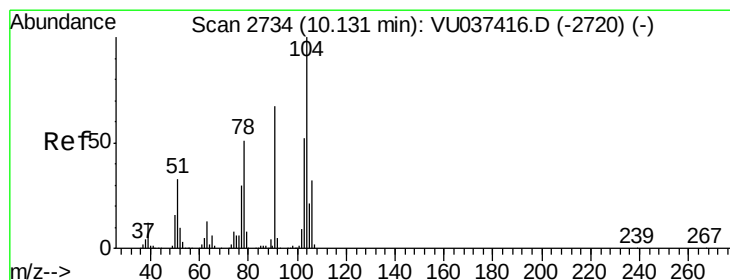
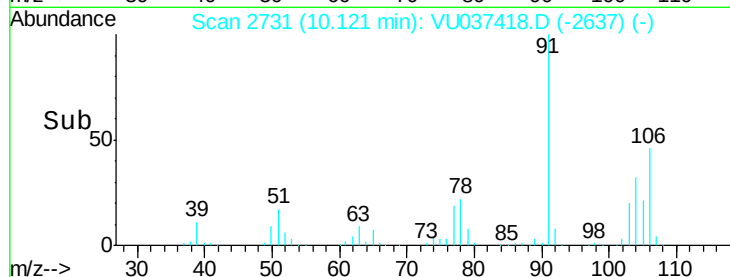
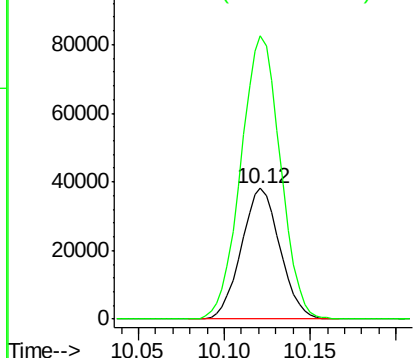
#54  
o-Xylene  
Concen: 2.931 ug/L  
RT: 10.12 min Scan# 2731  
Delta R.T. 0.00 min  
Lab File: VU037418.D  
Acq: 28 Mar 2020 15:43

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAWJ3

Tot Ion:106 Resp: 59321  
Ion Ratio Lower Upper  
106 100  
91 216.8 157.7 292.9

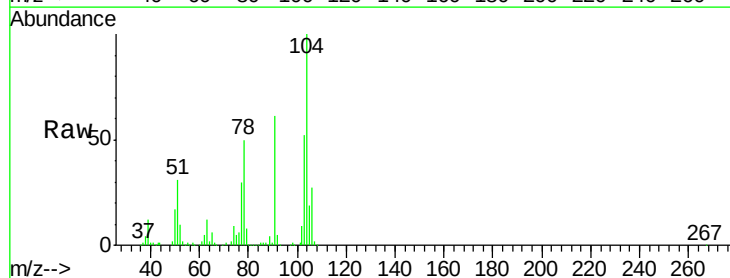


Abundance Ion 106.15 (105.85 to 106.85): V  
Ion 91.15 (90.85 to 91.85): VU0

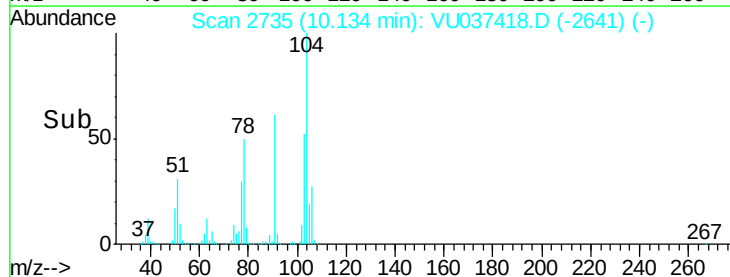
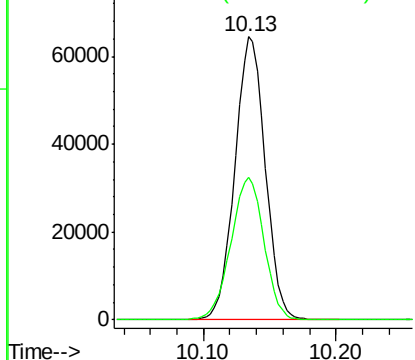


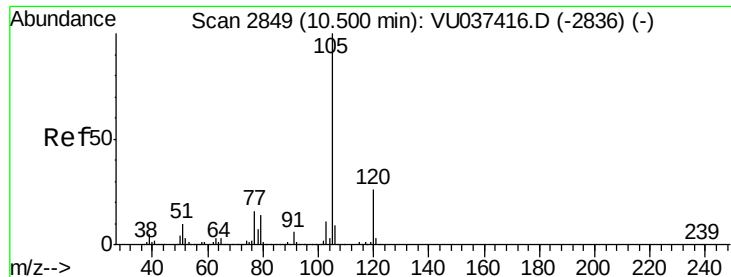
#55  
Styrene  
Concen: 2.963 ug/L  
RT: 10.13 min Scan# 2735  
Delta R.T. 0.00 min  
Lab File: VU037418.D  
Acq: 28 Mar 2020 15:43

Tgt Ion:104 Resp: 102466  
Ion Ratio Lower Upper  
104 100  
78 50.5 35.8 66.6



Abundance Ion 104.10 (103.80 to 104.80): V  
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 6.790 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

Instrument :

MSVOA\_U

ClientSampleId :

GAWJ3

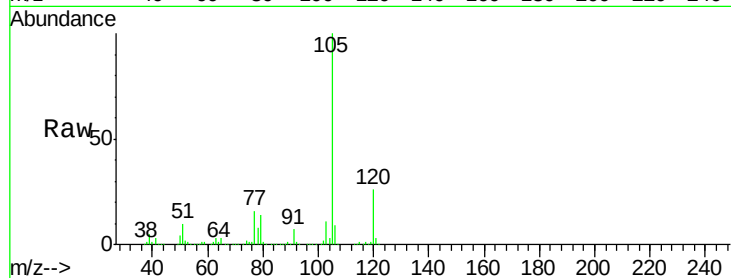
Tot Ion:105 Resp: 366097

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.4

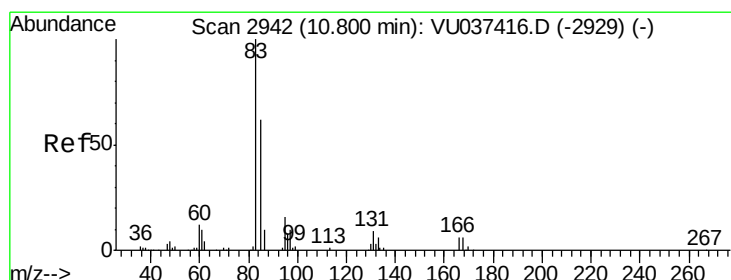
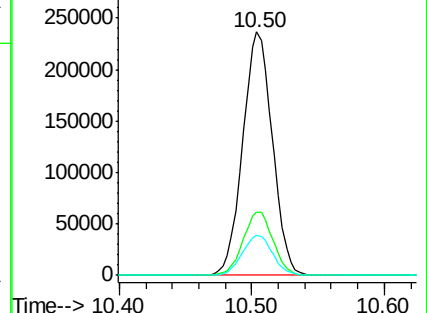
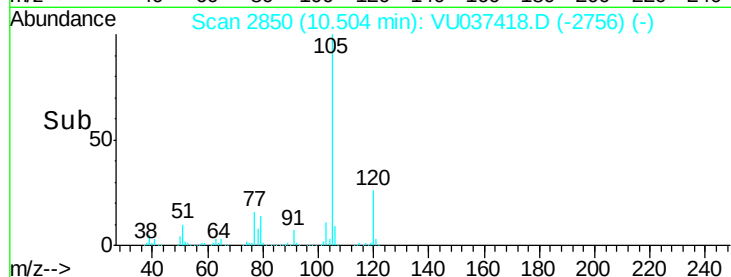
77 16.7 13.4 20.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 4.463 ug/L

RT: 10.80 min Scan# 2943

Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

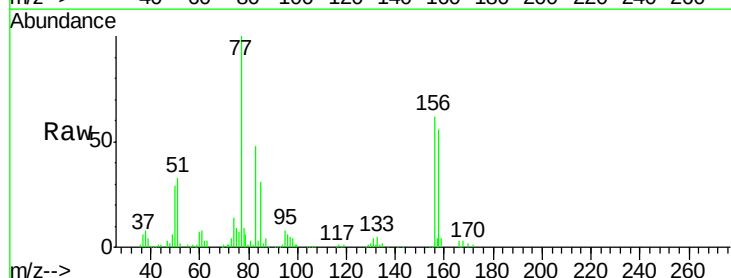
Tgt Ion: 83 Resp: 48880

Ion Ratio Lower Upper

83 100

85 65.1 42.9 79.7

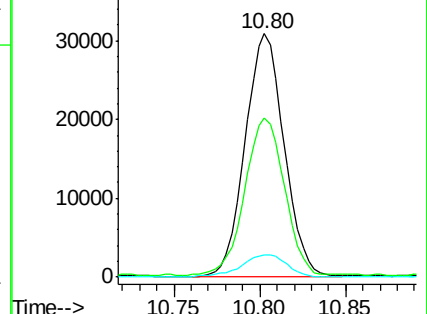
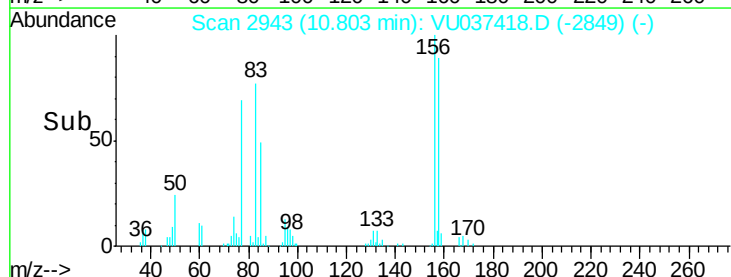
131 9.1 8.1 12.1

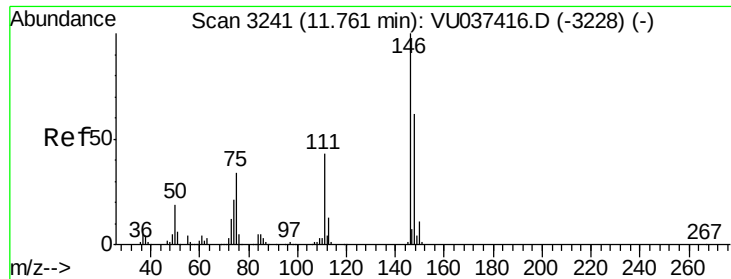


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V

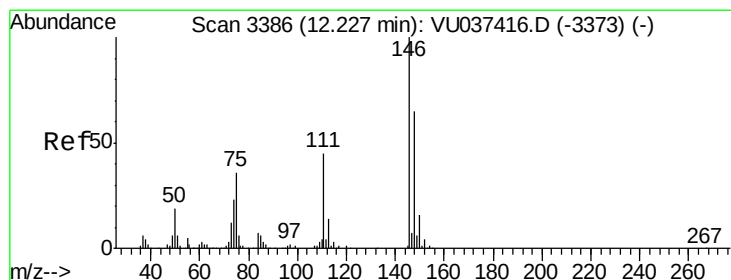
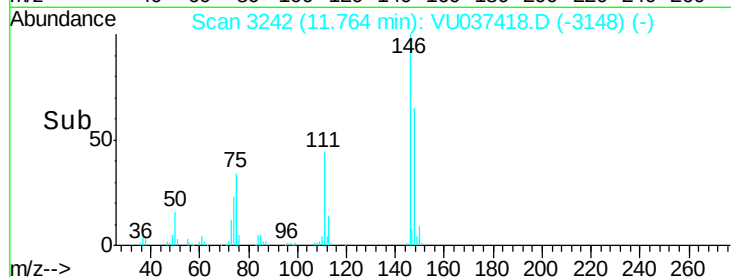
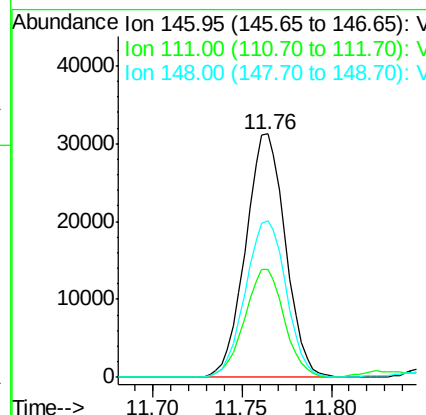
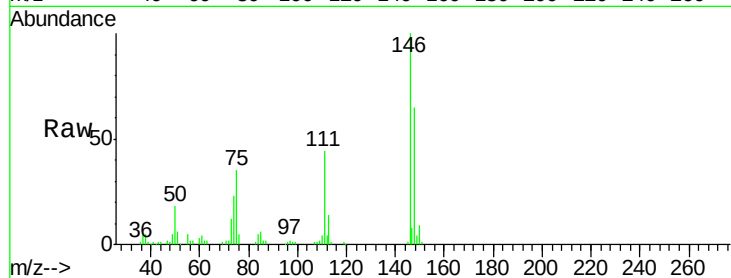




#62  
 1,3-Dichlorobenzene  
 Concen: 1.942 ug/L  
 RT: 11.76 min Scan# 3242  
 Delta R.T. 0.00 min  
 Lab File: VU037418.D  
 Acq: 28 Mar 2020 15:43

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 GAWJ3

Tot Ion:146 Resp: 48706  
 Ion Ratio Lower Upper  
 146 100  
 111 44.3 29.4 54.6  
 148 64.5 46.1 85.5



#65  
 1,2-Dichlorobenzene  
 Concen: 1.919 ug/L  
 RT: 12.23 min Scan# 3387  
 Delta R.T. 0.00 min  
 Lab File: VU037418.D  
 Acq: 28 Mar 2020 15:43

Tgt Ion:146 Resp: 46463  
 Ion Ratio Lower Upper  
 146 100  
 111 45.4 36.2 54.2  
 148 66.5 52.1 78.1

