

Data File : VU032977.D  
Acq On : 22 Jun 2019 04:17  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD05058

Quant Time: Jun 24 01:12:09 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM061719WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon Jun 24 01:08:17 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 197196   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 194023   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 100418   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 60257    | 44.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 89.42%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 50107    | 46.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 93.24%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 132007   | 48.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 97.24%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 125503   | 111.89   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 111.89% |
| 24) Chloroform-d               | 4.64    | 84    | 135503   | 51.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.44% |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 92577    | 53.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.10% |
| 32) Benzene-d6                 | 5.33    | 84    | 253736   | 50.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.34% |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 81426    | 50.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 101.08% |
| 41) Toluene-d8                 | 7.56    | 98    | 240880   | 50.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.72% |
| 43) trans-1,3-Dichloropropene- | 7.84    | 79    | 40184    | 47.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.90%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 80426    | 106.90   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 106.90% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.42   | 84    | 125115   | 50.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 100.46% |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 98930    | 50.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.82% |

#### Target Compounds

|                                |      |     |        |        | Qvalue   |
|--------------------------------|------|-----|--------|--------|----------|
| 2) Dichlorodifluoromethane     | 1.20 | 85  | 98078  | 49.238 | ug/L 100 |
| 3) Chloromethane               | 1.32 | 50  | 84251  | 46.667 | ug/L 98  |
| 5) Vinyl chloride              | 1.40 | 62  | 88480  | 49.411 | ug/L 99  |
| 6) Bromomethane                | 1.62 | 94  | 38191  | 36.244 | ug/L 100 |
| 8) Chloroethane                | 1.69 | 64  | 51708  | 50.163 | ug/L 99  |
| 9) Trichlorofluoromethane      | 1.88 | 101 | 124061 | 49.382 | ug/L 99  |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.28 | 101 | 62968  | 47.785 | ug/L 97  |
| 12) 1,1-Dichloroethene         | 2.28 | 96  | 59081  | 47.577 | ug/L 95  |
| 13) Acetone                    | 2.31 | 43  | 93630  | 60.433 | ug/L 96  |
| 14) Carbon disulfide           | 2.47 | 76  | 183692 | 46.748 | ug/L 100 |
| 15) Methyl Acetate             | 2.61 | 43  | 95005  | 54.096 | ug/L 98  |
| 16) Methylene chloride         | 2.69 | 84  | 73309  | 50.310 | ug/L 97  |
| 17) trans-1,2-Dichloroethene   | 2.97 | 96  | 66046  | 49.045 | ug/L 98  |
| 18) Methyl tert-butyl Ether    | 2.99 | 73  | 223855 | 51.776 | ug/L 99  |
| 19) 1,1-Dichloroethane         | 3.44 | 63  | 134269 | 52.300 | ug/L 100 |
| 20) cis-1,2-Dichloroethene     | 4.22 | 96  | 74895  | 51.053 | ug/L 95  |
| 22) 2-Butanone                 | 4.25 | 43  | 139074 | 86.606 | ug/L 100 |

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ALS Vial : 46 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD05058

Quant Time: Jun 24 01:12:09 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM061719WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon Jun 24 01:08:17 2019  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 23) Bromochloromethane         | 4.54  | 128  | 39714    | 51.893  | ug/L  | 97       |
| 25) Chloroform                 | 4.67  | 83   | 138128   | 52.173  | ug/L  | 98       |
| 27) 1,2-Dichloroethane         | 5.40  | 62   | 120404   | 55.359  | ug/L  | 97       |
| 29) Cyclohexane                | 4.99  | 56   | 112495   | 49.656  | ug/L  | 98       |
| 30) 1,1,1-Trichloroethane      | 4.91  | 97   | 121281   | 51.307  | ug/L  | 99       |
| 31) Carbon tetrachloride       | 5.13  | 117  | 107505   | 49.983  | ug/L  | 98       |
| 33) Benzene                    | 5.38  | 78   | 284906   | 50.973  | ug/L  | 100      |
| 34) Trichloroethene            | 6.18  | 95   | 74454    | 49.856  | ug/L  | 99       |
| 35) Methylcyclohexane          | 6.41  | 83   | 111788   | 48.427  | ug/L  | 98       |
| 37) 1,2-Dichloropropane        | 6.42  | 63   | 77542    | 50.576  | ug/L  | 100      |
| 38) Bromodichloromethane       | 6.75  | 83   | 105989   | 51.411  | ug/L  | 96       |
| 39) cis-1,3-Dichloropropene    | 7.26  | 75   | 118991   | 49.815  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone       | 7.45  | 43   | 268066   | 109.514 | ug/L  | 99       |
| 42) Toluene                    | 7.63  | 91   | 308194   | 50.963  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene  | 7.87  | 75   | 108934   | 48.554  | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane      | 8.06  | 97   | 72882    | 51.072  | ug/L  | 99       |
| 46) Tetrachloroethene          | 8.22  | 164  | 59622    | 48.722  | ug/L  | 99       |
| 48) 2-Hexanone                 | 8.36  | 43   | 214446   | 99.295  | ug/L  | 99       |
| 49) Dibromochloromethane       | 8.47  | 129  | 83783    | 48.701  | ug/L  | 97       |
| 50) 1,2-Dibromoethane          | 8.58  | 107  | 80257    | 50.642  | ug/L  | 98       |
| 51) Chlorobenzene              | 9.11  | 112  | 197847   | 49.717  | ug/L  | 99       |
| 52) Ethylbenzene               | 9.24  | 91   | 340771   | 50.908  | ug/L  | 99       |
| 53) m,p-Xylene                 | 9.37  | 106  | 127115   | 50.332  | ug/L  | 99       |
| 54) o-xylene                   | 9.77  | 106  | 125628   | 50.936  | ug/L  | 100      |
| 55) Styrene                    | 9.79  | 104  | 218332   | 51.028  | ug/L  | 97       |
| 56) Isopropylbenzene           | 10.16 | 105  | 336104   | 50.567  | ug/L  | 99       |
| 58) 1,1,2,2-Tetrachloroethane  | 10.45 | 83   | 129321   | 50.081  | ug/L  | 98       |
| 59) 1,2,3-Trichloropropane     | 10.49 | 75   | 104882   | 51.260  | ug/L  | 100      |
| 61) Bromoform                  | 9.95  | 173  | 64918    | 49.510  | ug/L  | 99       |
| 62) 1,3-Dichlorobenzene        | 11.41 | 146  | 158641   | 50.825  | ug/L  | 99       |
| 63) 1,4-Dichlorobenzene        | 11.50 | 146  | 161453   | 50.080  | ug/L  | 99       |
| 65) 1,2-Dichlorobenzene        | 11.87 | 146  | 162995   | 51.143  | ug/L  | 99       |
| 66) 1,2-Dibromo-3-chloropropan | 12.65 | 75   | 32268    | 53.070  | ug/L  | 92       |
| 67) 1,3,5-Trichlorobenzene     | 12.88 | 180  | 121389   | 48.401  | ug/L  | 98       |
| 68) 1,2,4-trichlorobenzene     | 13.50 | 180  | 109471   | 50.728  | ug/L  | 98       |
| 69) Naphthalene                | 13.74 | 128  | 349609   | 52.690  | ug/L  | 99       |
| 70) 1,2,3-Trichlorobenzene     | 13.98 | 180  | 115616   | 50.608  | ug/L  | 98       |

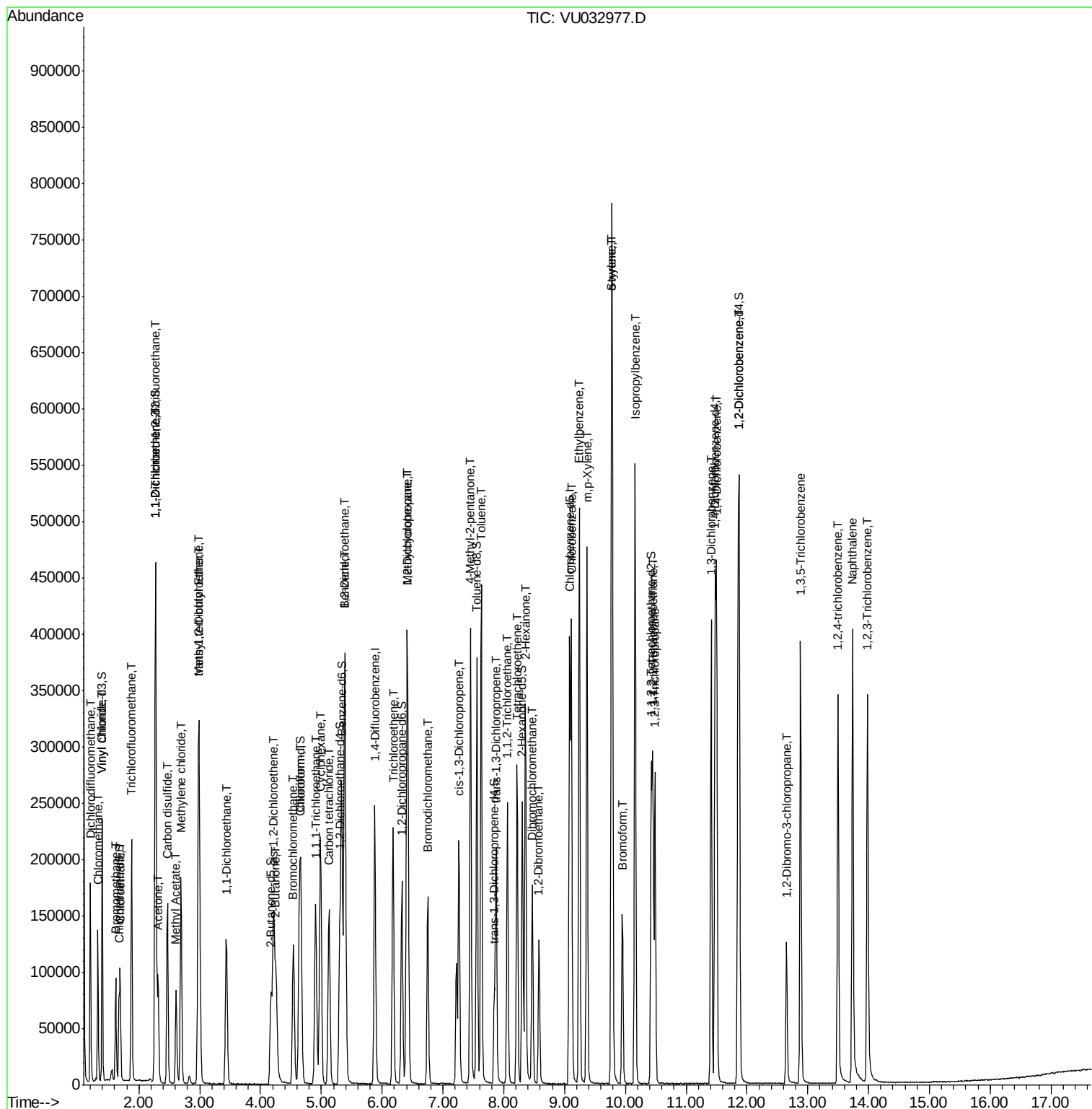
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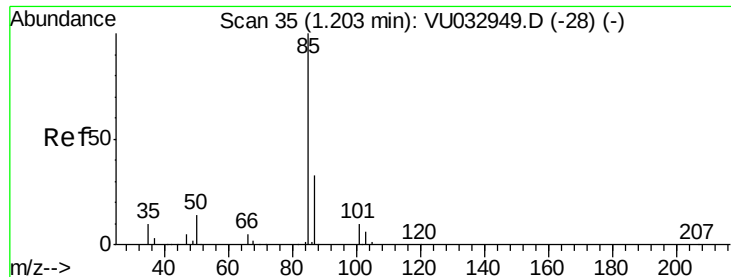
Data File : VU032977.D

```
Acq On       : 22 Jun 2019   04:17
Operator     : JC/SP
Sample       : VSTDCCC050
Misc         : 5.0mL/MSVOA_U/WATER
ALS Vial     : 46      Sample Multiplier: 1
```

**Instrument :**  
MSVOA\_U  
**ClientSampleId :**  
VSTD05058

Quant Time: Jun 24 01:12:09 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM061719WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon Jun 24 01:08:17 2019  
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 49.238 ug/L

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

Instrument :

MSVOA\_U

ClientSampleId :

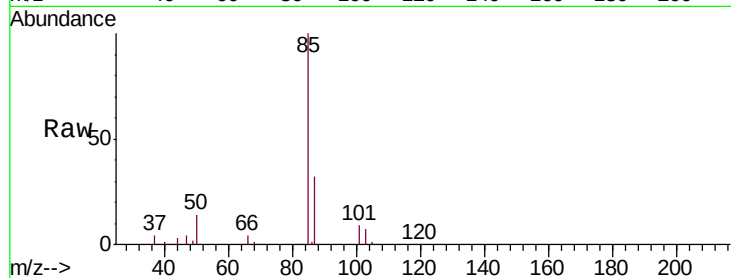
VSTD05058

Tgt Ion: 85 Resp: 98078

Ion Ratio Lower Upper

85 100

87 32.5 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VU032949.D (-28) (-)

Ion 87.00 (86.70 to 87.70): VU032949.D (-28) (-)

1.20

100000

80000

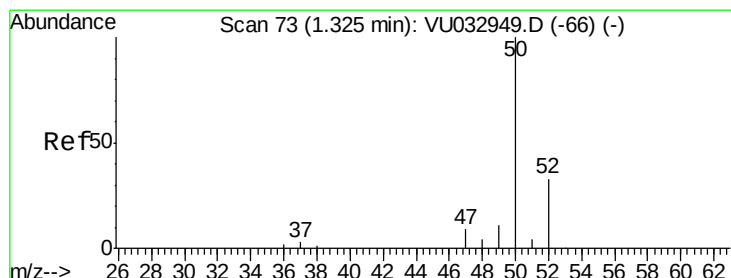
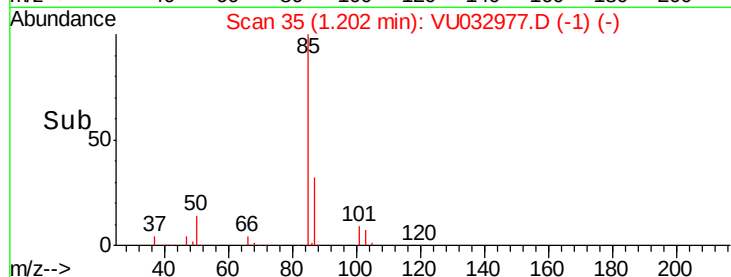
60000

40000

20000

0

Time--> 1.15 1.20 1.25



#3

Chloromethane

Concen: 46.667 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032977.D

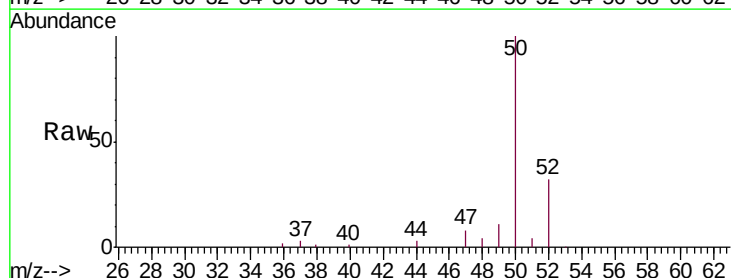
Acq: 22 Jun 2019 04:17

Tgt Ion: 50 Resp: 84251

Ion Ratio Lower Upper

50 100

52 31.6 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU032949.D (-66) (-)

Ion 52.00 (51.70 to 52.70): VU032949.D (-66) (-)

1.32

80000

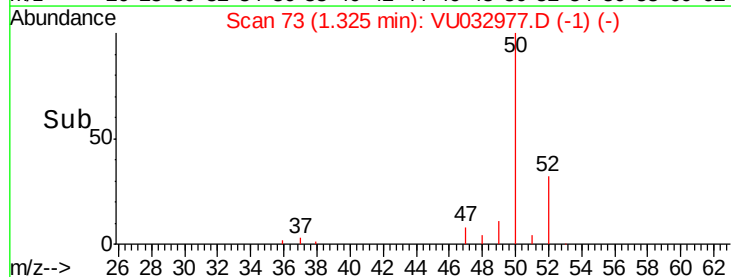
60000

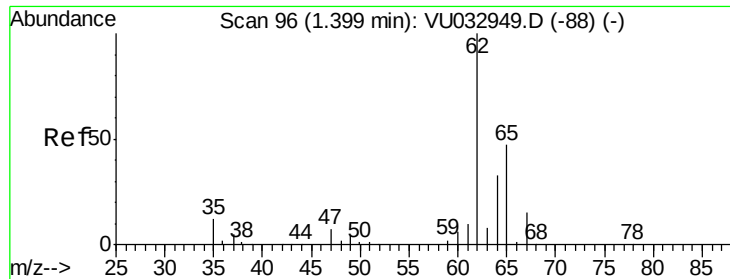
40000

20000

0

Time--> 1.30 1.35 1.40





#5

Vinyl chloride

Concen: 49.411 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

Instrument :

MSVOA\_U

ClientSampleId :

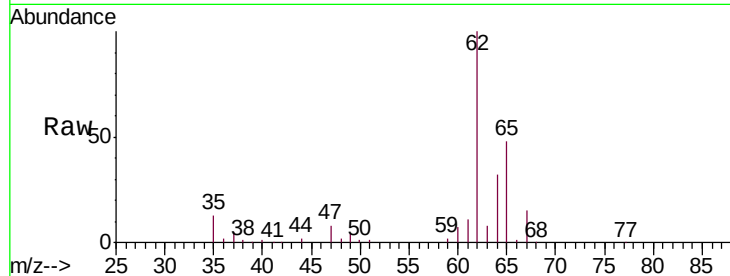
VSTD05058

Tgt Ion: 62 Resp: 88480

Ion Ratio Lower Upper

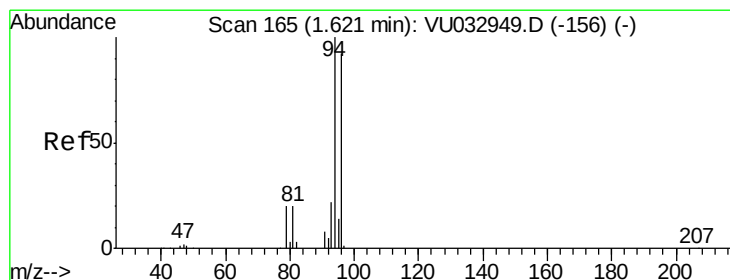
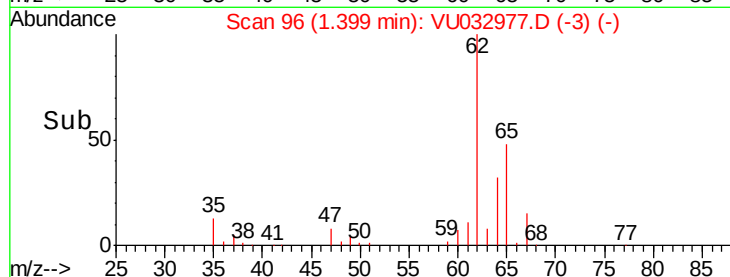
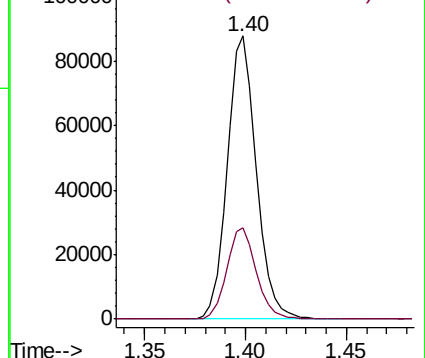
62 100

64 32.4 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#6

Bromomethane

Concen: 36.244 ug/L

RT: 1.62 min Scan# 164

Delta R.T. -0.00 min

Lab File: VU032977.D

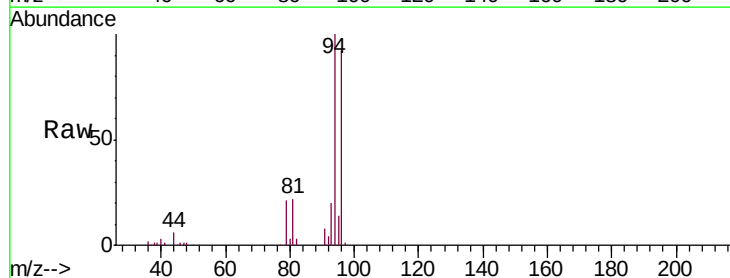
Acq: 22 Jun 2019 04:17

Tgt Ion: 94 Resp: 38191

Ion Ratio Lower Upper

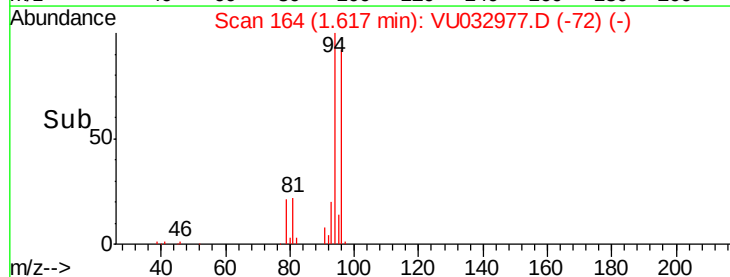
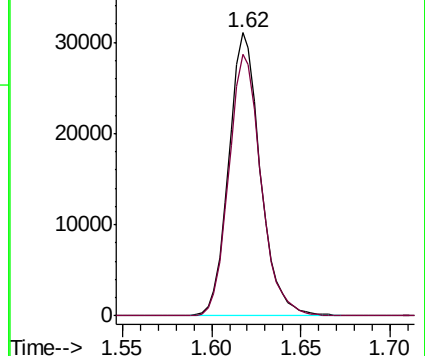
94 100

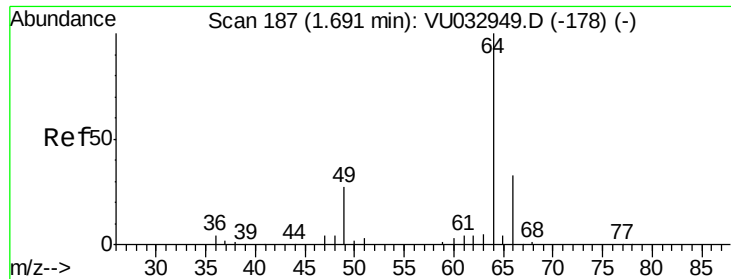
96 92.3 64.8 120.4



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 50.163 ug/L

RT: 1.69 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

Instrument :

MSVOA\_U

ClientSampleId :

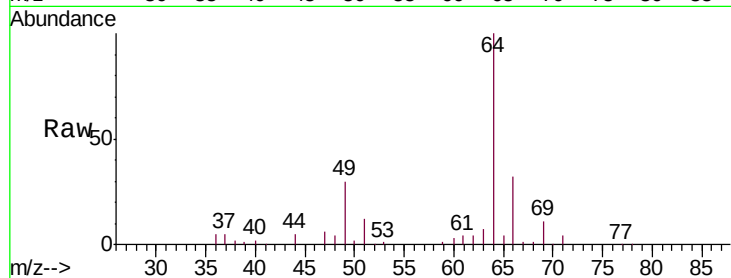
VSTD05058

Tgt Ion: 64 Resp: 51708

Ion Ratio Lower Upper

64 100

66 32.4 22.5 41.7

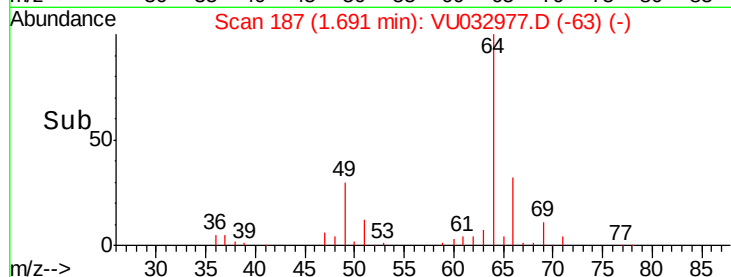


Abundance Ion 64.00 (63.70 to 64.70): VU032949.D (-178) (-)

Ion 66.00 (65.70 to 66.70): VU032977.D (-122) (-)

1.69

Time-->



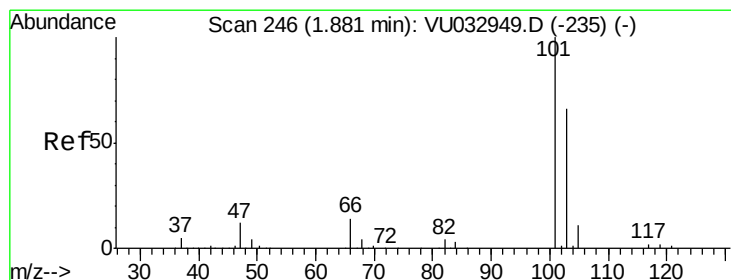
Abundance

Ion 64.00 (63.70 to 64.70): VU032949.D (-178) (-)

Ion 66.00 (65.70 to 66.70): VU032977.D (-122) (-)

1.69

Time-->



#9

Trichlorofluoromethane

Concen: 49.382 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU032977.D

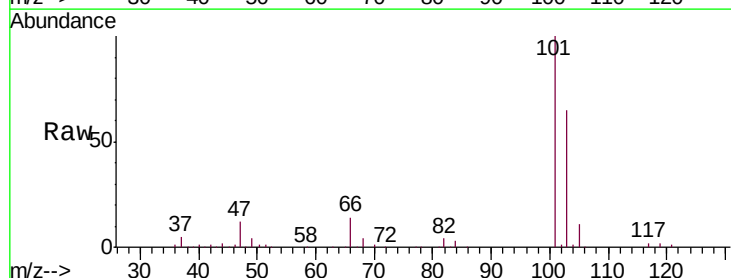
Acq: 22 Jun 2019 04:17

Tgt Ion: 101 Resp: 124061

Ion Ratio Lower Upper

101 100

103 65.2 51.3 76.9

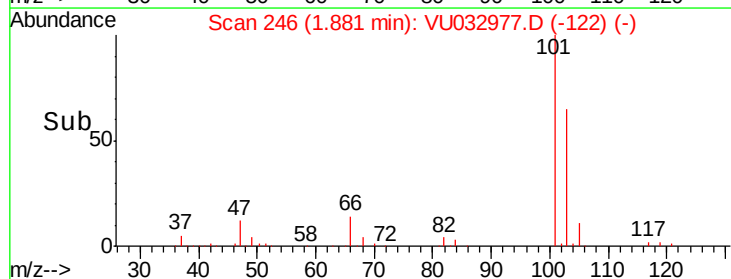


Abundance Ion 101.00 (100.70 to 101.70): VU032949.D (-235) (-)

Ion 103.00 (102.70 to 103.70): VU032977.D (-122) (-)

1.88

Time-->



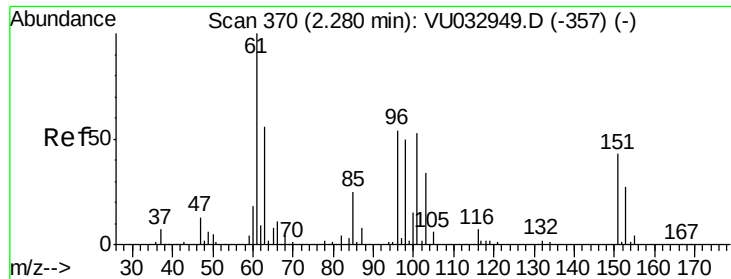
Abundance

Ion 101.00 (100.70 to 101.70): VU032949.D (-235) (-)

Ion 103.00 (102.70 to 103.70): VU032977.D (-122) (-)

1.88

Time-->



#10

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

Concen: 47.785 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

Instrument :

MSVOA\_U

ClientSampleId :

VSTD05058

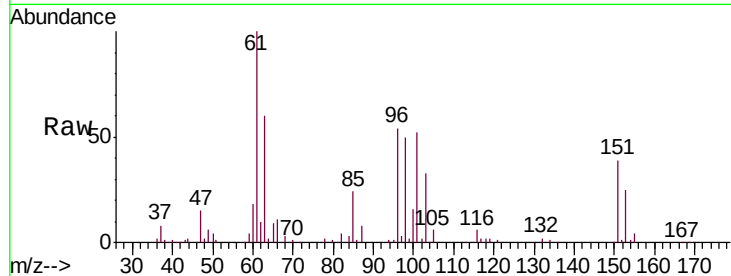
Tgt Ion:101 Resp: 62968

Ion Ratio Lower Upper

101 100

85 46.0 36.8 55.2

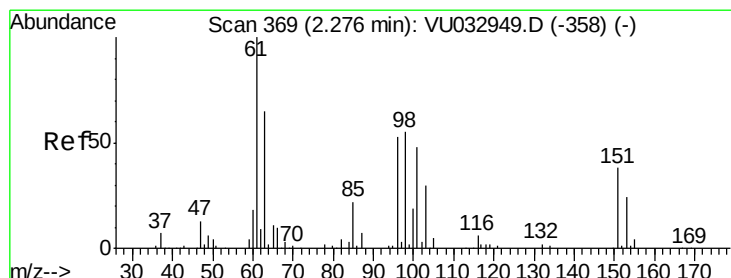
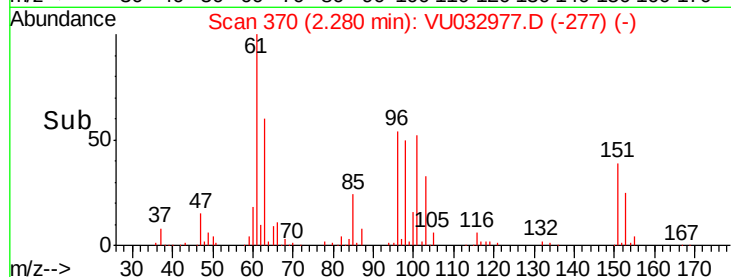
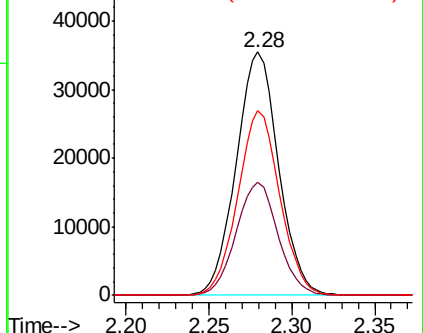
151 75.0 63.6 95.4



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: 47.577 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

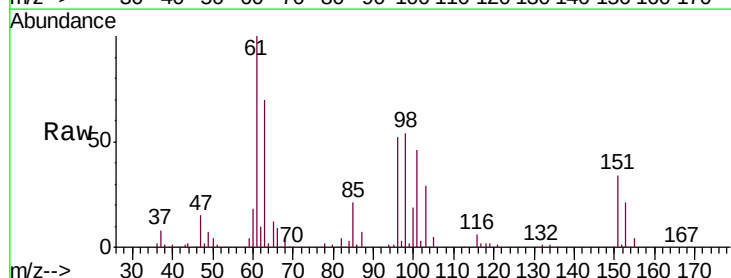
Tgt Ion: 96 Resp: 59081

Ion Ratio Lower Upper

96 100

61 193.3 131.0 243.4

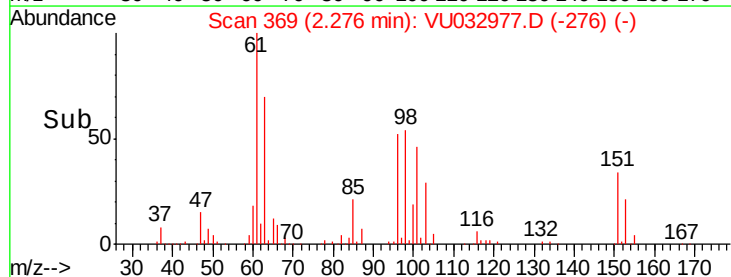
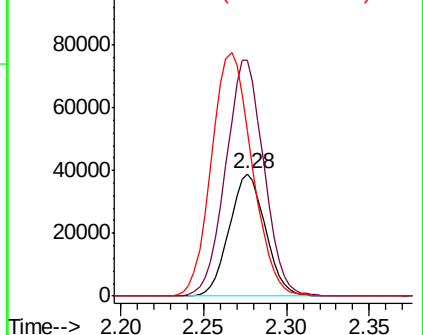
63 135.5 101.0 187.6

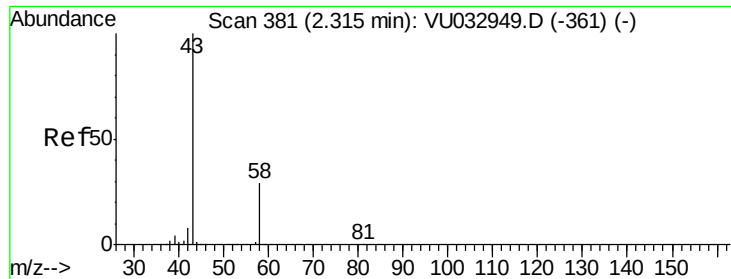


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 60.433 ug/L

RT: 2.31 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

Instrument :

MSVOA\_U

ClientSampleId :

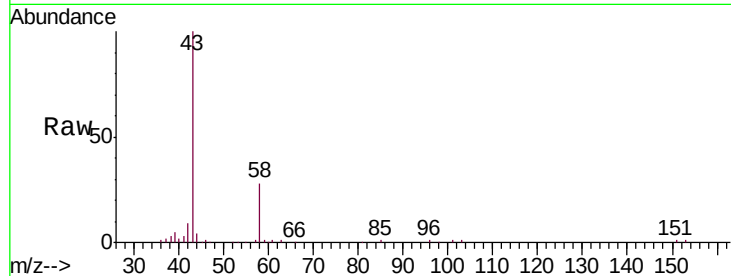
VSTD05058

Tgt Ion: 43 Resp: 93630

Ion Ratio Lower Upper

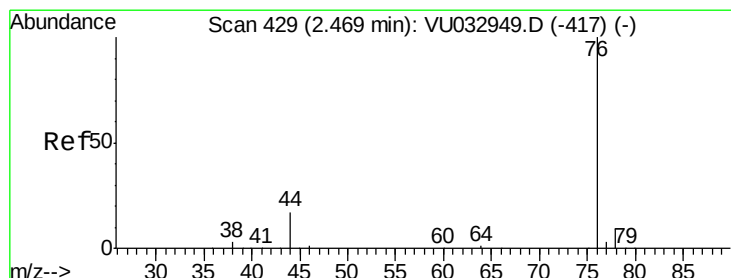
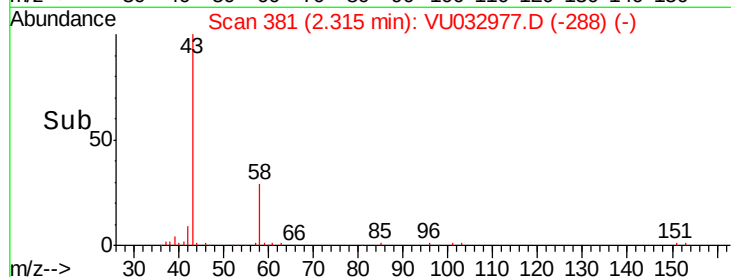
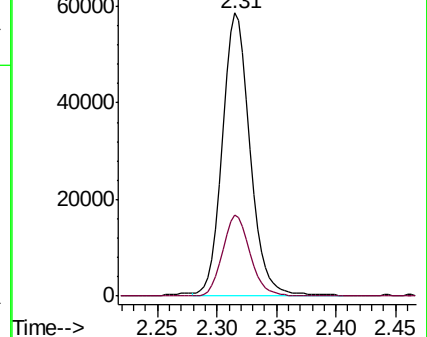
43 100

58 28.3 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032949.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU032949.D (-361) (-)



#14

Carbon disulfide

Concen: 46.748 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VU032977.D

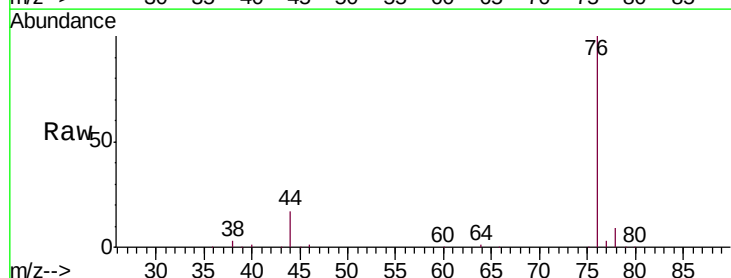
Acq: 22 Jun 2019 04:17

Tgt Ion: 76 Resp: 183692

Ion Ratio Lower Upper

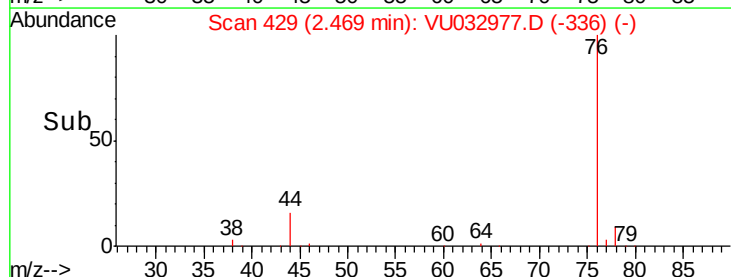
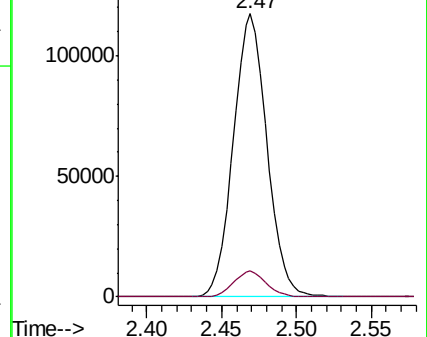
76 100

78 9.0 7.3 10.9

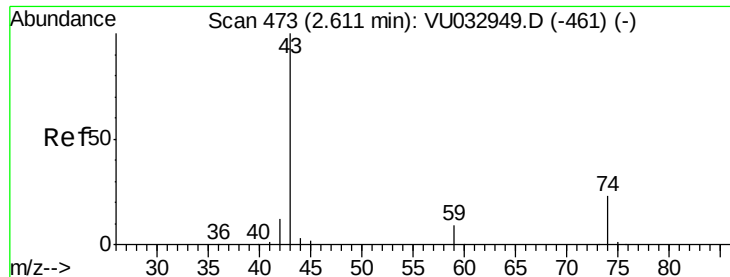


Abundance Ion 76.00 (75.70 to 76.70): VU032949.D (-417) (-)

Ion 78.00 (77.70 to 78.70): VU032949.D (-417) (-)



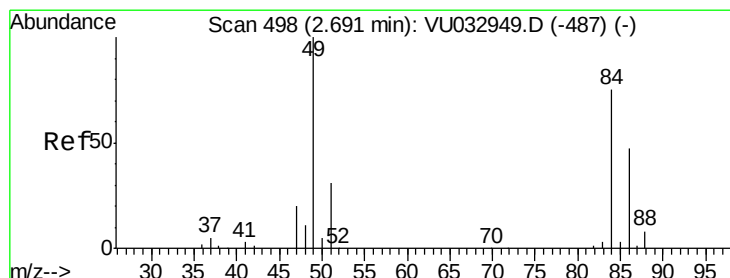
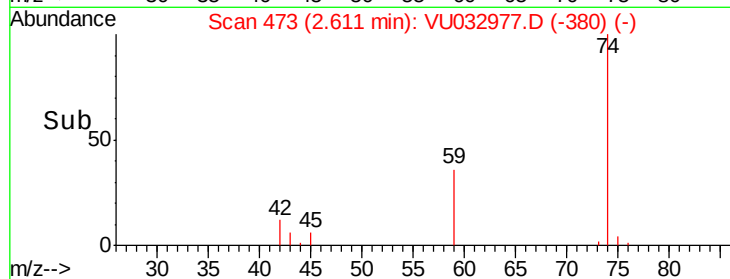
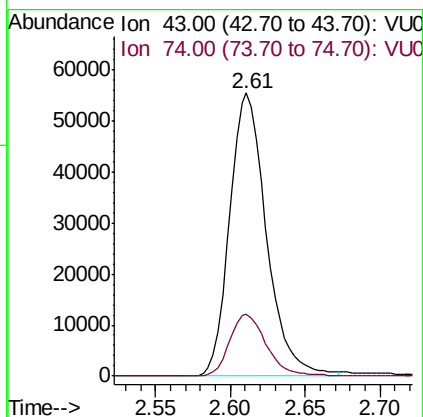
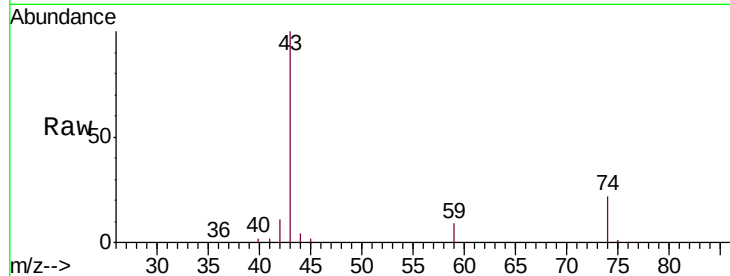




#15  
Methyl Acetate  
Concen: 54.096 ug/L  
RT: 2.61 min Scan# 473  
Delta R.T. -0.00 min  
Lab File: VU032977.D  
Acq: 22 Jun 2019 04:17

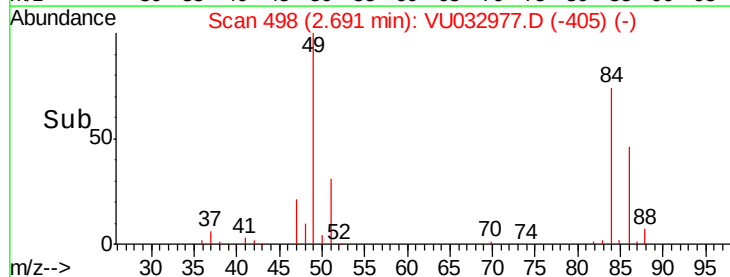
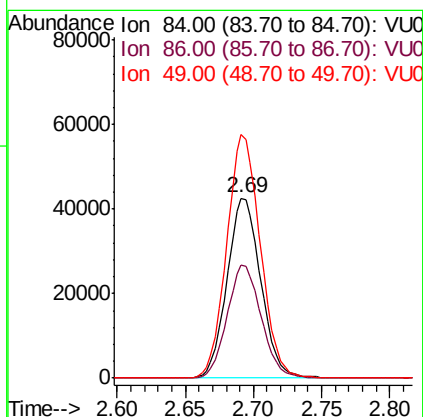
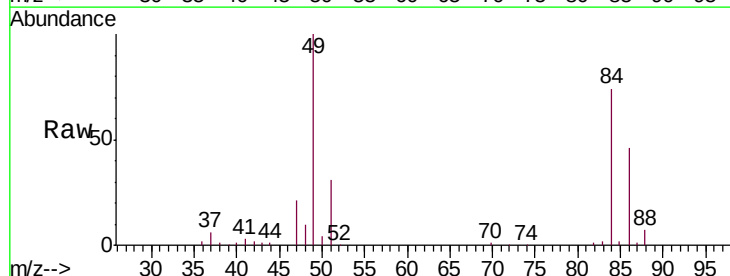
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD05058

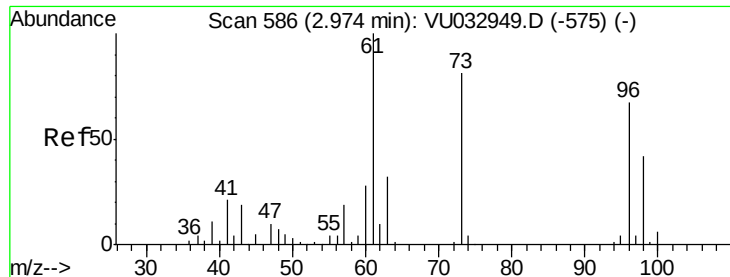
Tgt Ion: 43 Resp: 95005  
Ion Ratio Lower Upper  
43 100  
74 21.9 18.1 27.1



#16  
Methylene chloride  
Concen: 50.310 ug/L  
RT: 2.69 min Scan# 498  
Delta R.T. -0.00 min  
Lab File: VU032977.D  
Acq: 22 Jun 2019 04:17

Tgt Ion: 84 Resp: 73309  
Ion Ratio Lower Upper  
84 100  
86 62.5 45.5 84.5  
49 135.3 92.1 171.1





#17

trans-1,2-Dichloroethene

Concen: 49.045 ug/L

RT: 2.97 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

Instrument :

MSVOA\_U

ClientSampleId :

VSTD05058

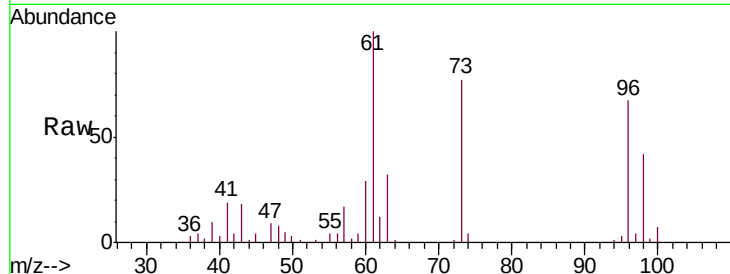
Tgt Ion: 96 Resp: 66046

Ion Ratio Lower Upper

96 100

61 148.4 100.9 187.5

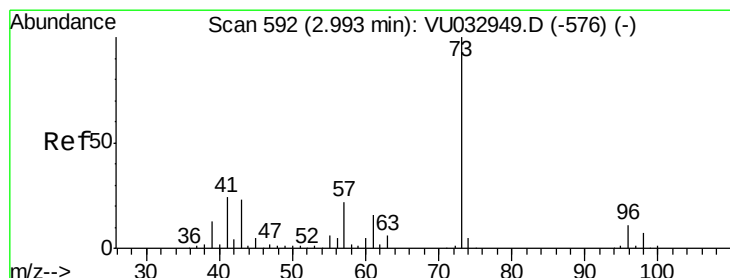
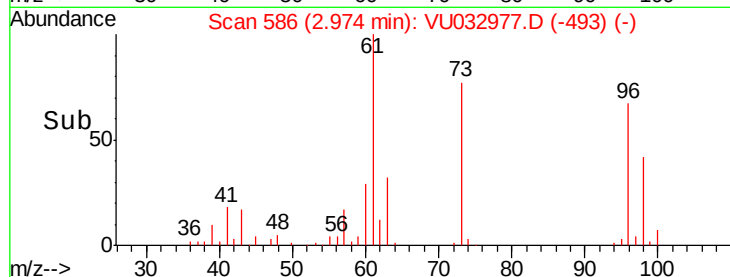
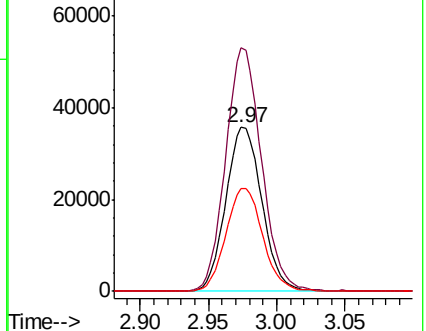
98 62.7 44.0 81.8



Abundance Ion 96.00 (95.70 to 96.70): VU032977.D (-493) (-)

Ion 61.00 (60.70 to 61.70): VU032977.D (-493) (-)

Ion 98.00 (97.70 to 98.70): VU032977.D (-493) (-)



#18

Methyl tert-butyl Ether

Concen: 51.776 ug/L

RT: 2.99 min Scan# 592

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

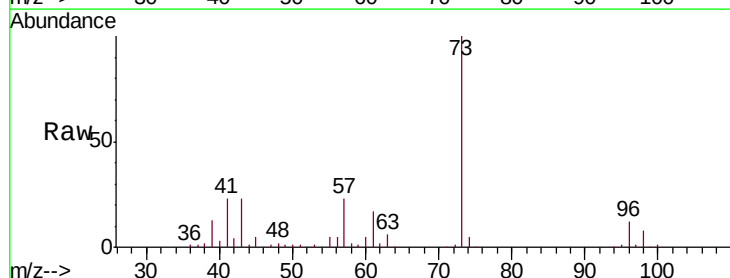
Tgt Ion: 73 Resp: 223855

Ion Ratio Lower Upper

73 100

43 23.2 17.8 26.8

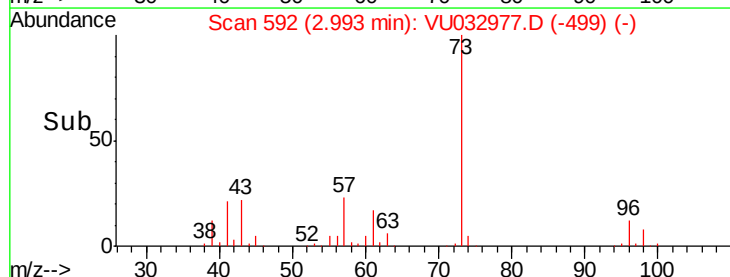
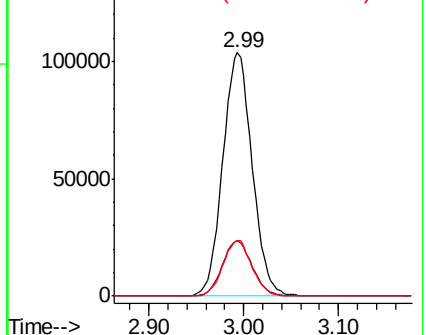
57 22.4 17.8 26.6

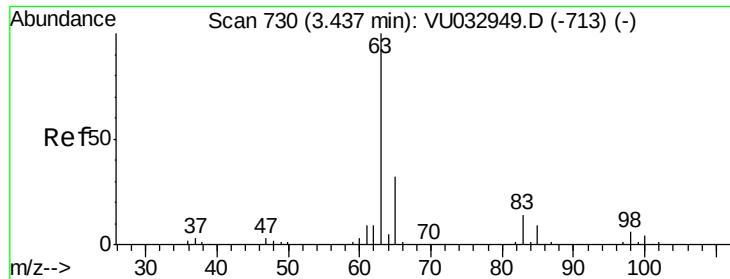


Abundance Ion 73.00 (72.70 to 73.70): VU032977.D (-499) (-)

Ion 43.00 (42.70 to 43.70): VU032977.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU032977.D (-499) (-)

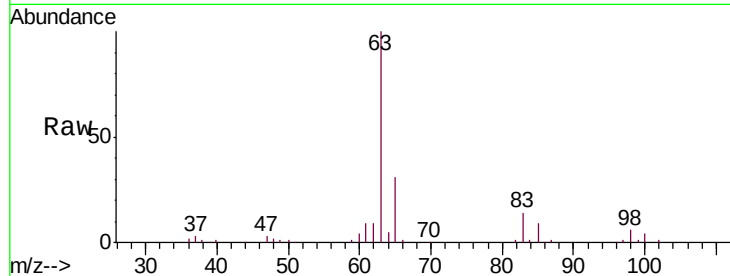




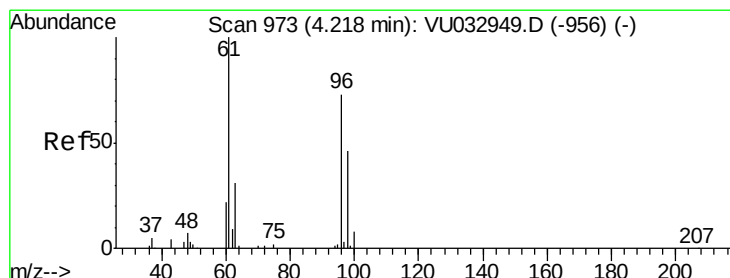
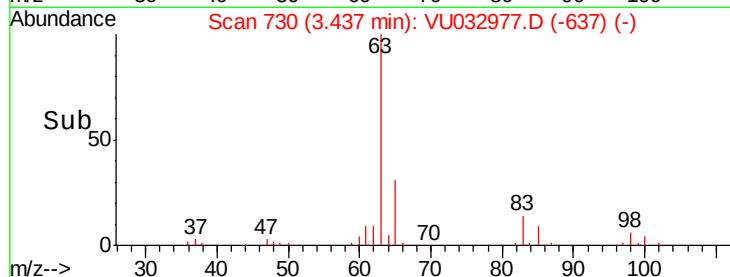
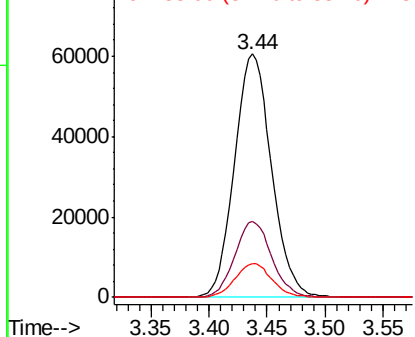
#19  
 1,1-Dichloroethane  
 Concen: 52.300 ug/L  
 RT: 3.44 min Scan# 730  
 Delta R.T. -0.00 min  
 Lab File: VU032977.D  
 Acq: 22 Jun 2019 04:17

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD05058

Tgt Ion: 63 Resp: 134269  
 Ion Ratio Lower Upper  
 63 100  
 65 31.2 22.0 41.0  
 83 13.7 9.5 17.7

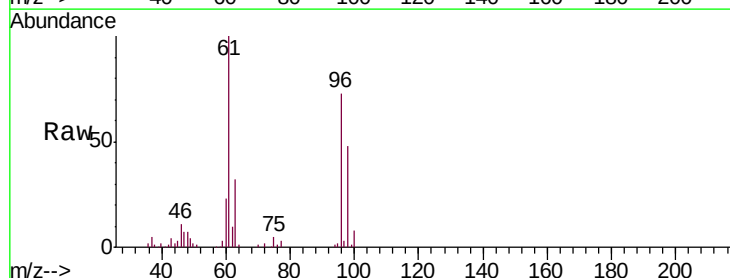


Abundance Ion 63.00 (62.70 to 63.70): VU0  
 Ion 65.00 (64.70 to 65.70): VU0  
 Ion 83.00 (82.70 to 83.70): VU0

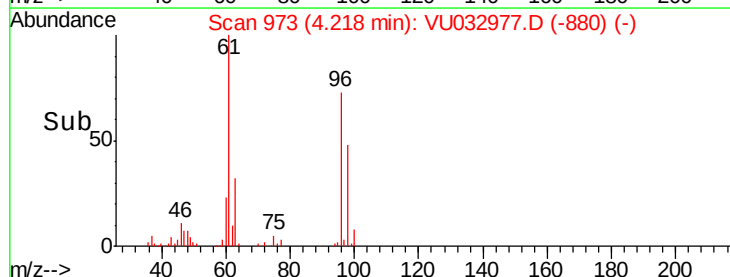
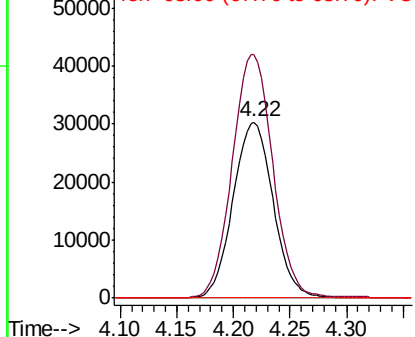


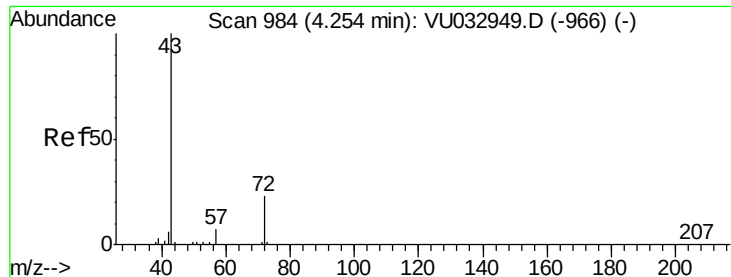
#20  
 cis-1,2-Dichloroethene  
 Concen: 51.053 ug/L  
 RT: 4.22 min Scan# 973  
 Delta R.T. -0.00 min  
 Lab File: VU032977.D  
 Acq: 22 Jun 2019 04:17

Tgt Ion: 96 Resp: 74895  
 Ion Ratio Lower Upper  
 96 100  
 61 137.9 92.4 171.6  
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0  
 Ion 61.00 (60.70 to 61.70): VU0  
 Ion 68.00 (67.70 to 68.70): VU0





#22

2-Butanone

Concen: 86.606 ug/L

RT: 4.25 min Scan# 984

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

Instrument :

MSVOA\_U

ClientSampleId :

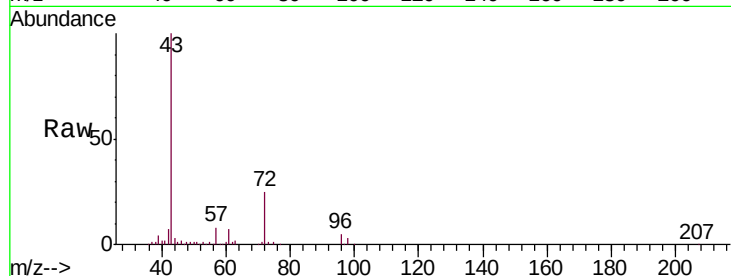
VSTD05058

Tgt Ion: 43 Resp: 139074

Ion Ratio Lower Upper

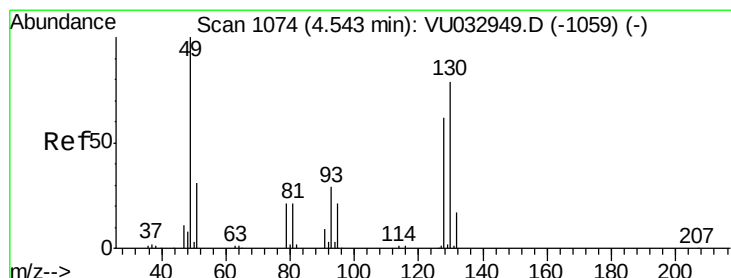
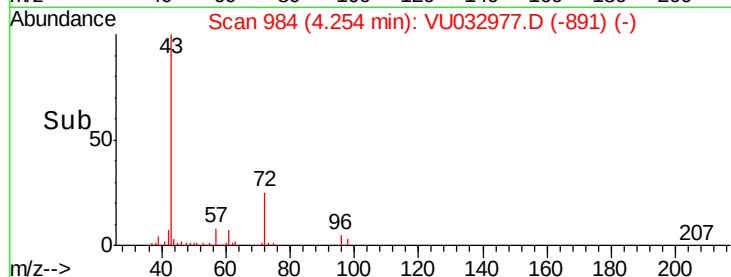
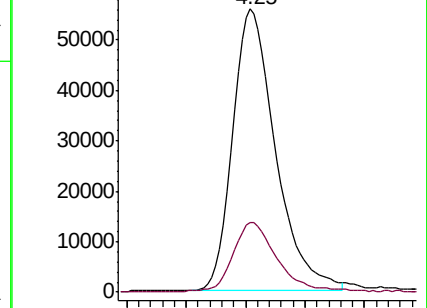
43 100

72 25.9 12.9 38.6



Abundance Ion 43.00 (42.70 to 43.70): VU032949.D (-966) (-)

Ion 72.00 (71.70 to 72.70): VU032949.D (-966) (-)



#23

Bromochloromethane

Concen: 51.893 ug/L

RT: 4.54 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

Tgt Ion: 128 Resp: 39714

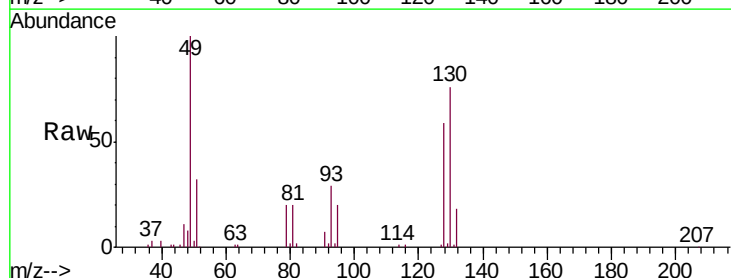
Ion Ratio Lower Upper

128 100

49 170.7 114.7 212.9

130 129.0 89.4 166.0

51 55.4 42.0 63.0

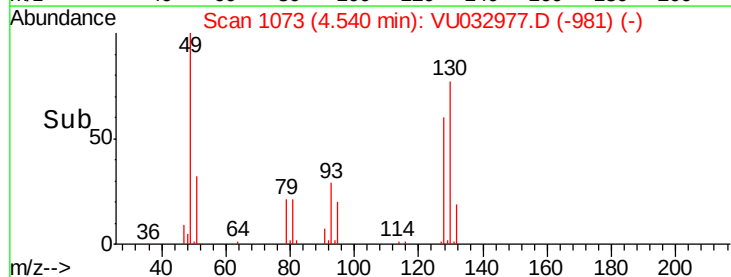
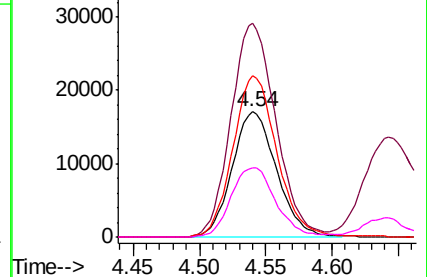


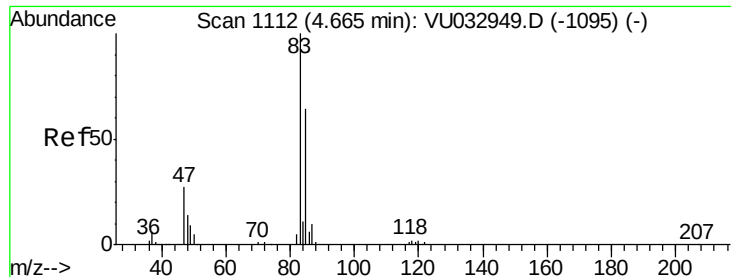
Abundance Ion 128.00 (127.70 to 128.70): VU032949.D (-1059) (-)

Ion 49.00 (48.70 to 49.70): VU032949.D (-1059) (-)

Ion 130.00 (129.70 to 130.70): VU032949.D (-1059) (-)

Ion 51.00 (50.70 to 51.70): VU032949.D (-1059) (-)

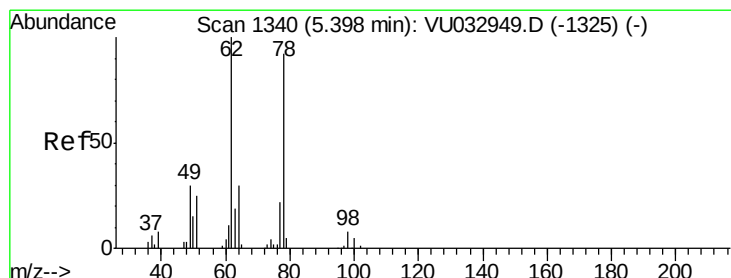
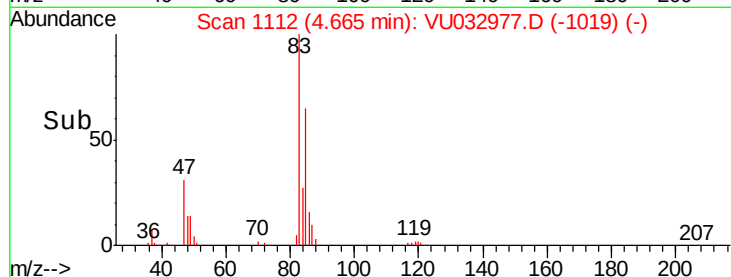
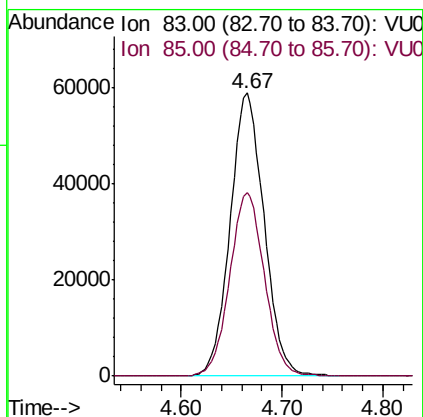
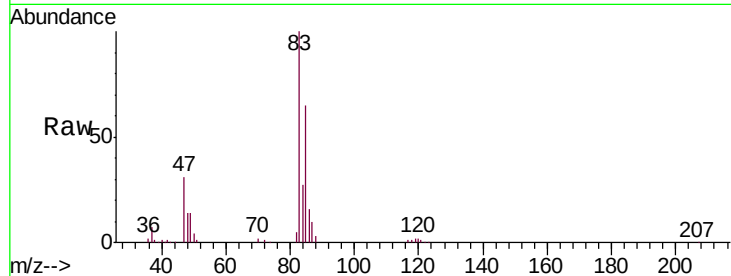




#25  
Chloroform  
Concen: 52.173 ug/L  
RT: 4.67 min Scan# 1112  
Delta R.T. -0.00 min  
Lab File: VU032977.D  
Acq: 22 Jun 2019 04:17

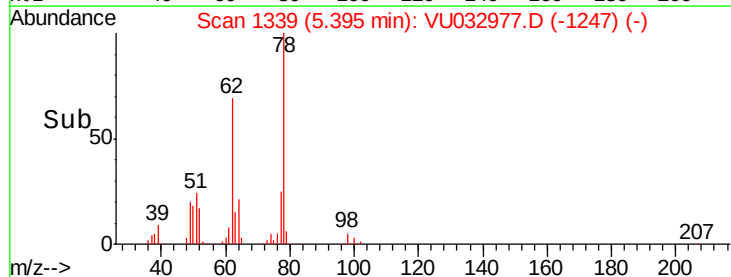
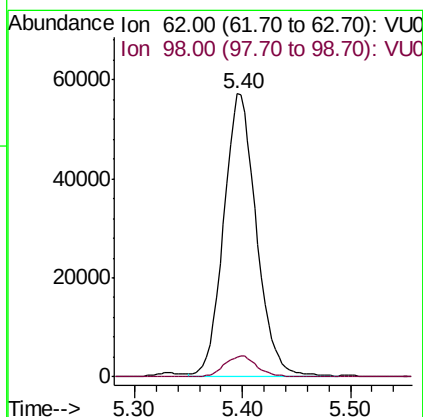
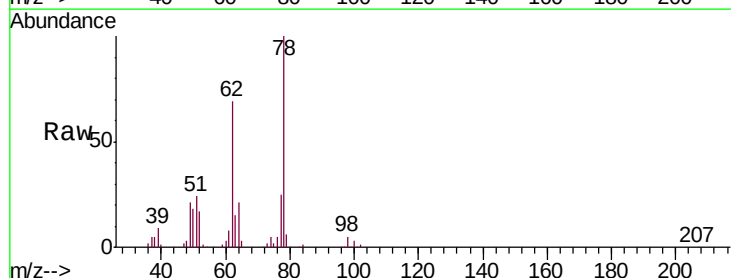
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD05058

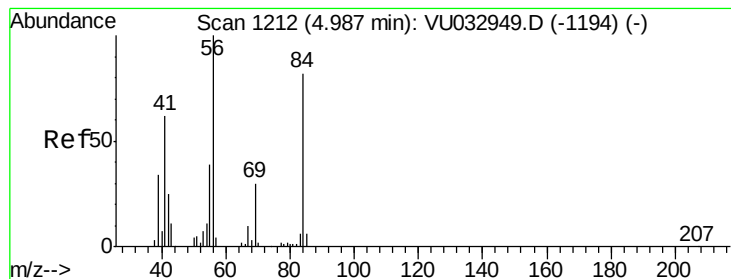
Tgt Ion: 83 Resp: 138128  
Ion Ratio Lower Upper  
83 100  
85 65.0 44.2 82.2



#27  
1,2-Dichloroethane  
Concen: 55.359 ug/L  
RT: 5.40 min Scan# 1339  
Delta R.T. -0.00 min  
Lab File: VU032977.D  
Acq: 22 Jun 2019 04:17

Tgt Ion: 62 Resp: 120404  
Ion Ratio Lower Upper  
62 100  
98 7.2 6.6 10.0





#29

Cyclohexane

Concen: 49.656 ug/L

RT: 4.99 min Scan# 1212

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

Instrument :

MSVOA\_U

ClientSampleId :

VSTD05058

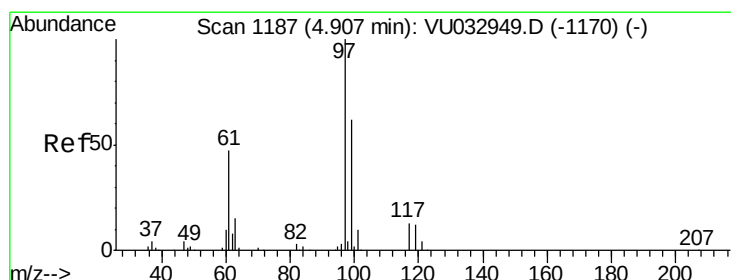
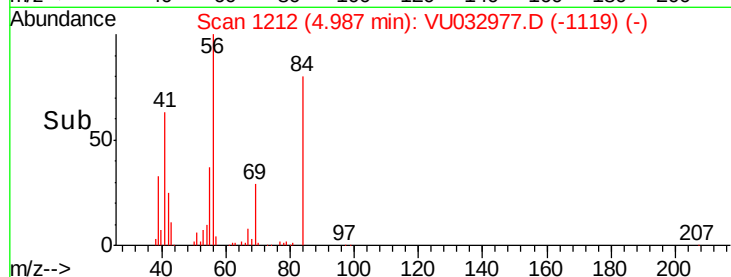
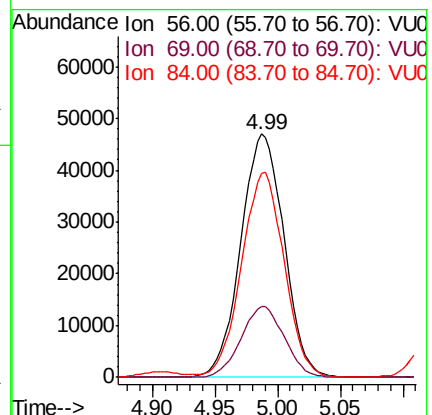
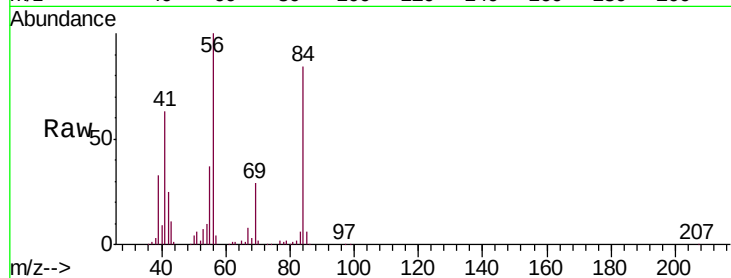
Tgt Ion: 56 Resp: 112495

Ion Ratio Lower Upper

56 100

69 29.2 24.2 36.4

84 83.2 68.0 102.0



#30

1,1,1-Trichloroethane

Concen: 51.307 ug/L

RT: 4.91 min Scan# 1187

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

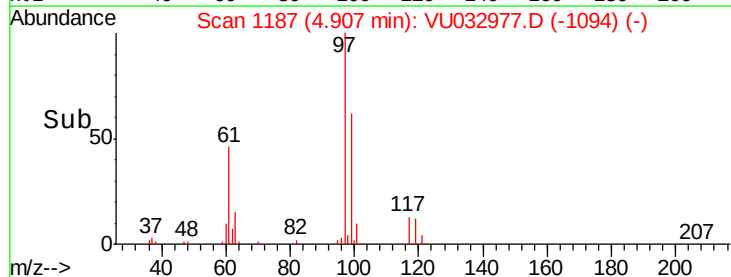
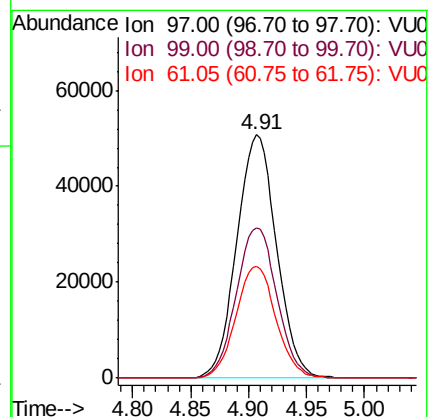
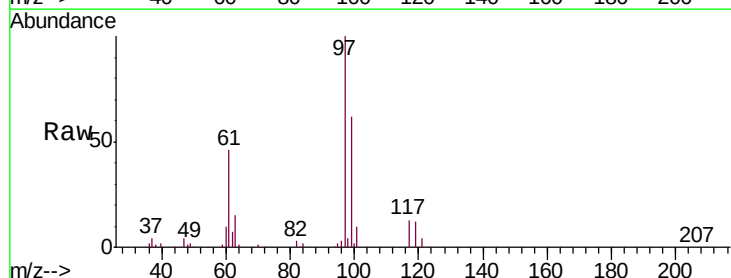
Tgt Ion: 97 Resp: 121281

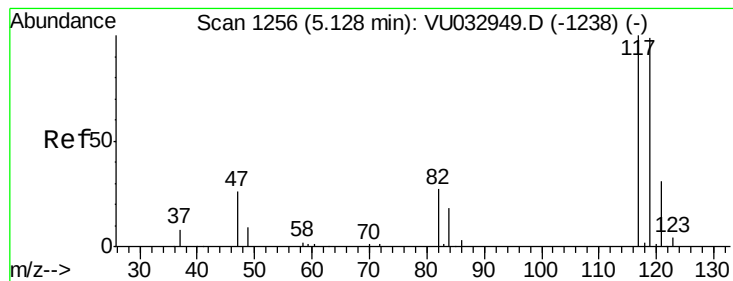
Ion Ratio Lower Upper

97 100

99 63.2 50.7 76.1

61 46.5 36.7 55.1





#31

Carbon tetrachloride

Concen: 49.983 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

Instrument :

MSVOA\_U

ClientSampleId :

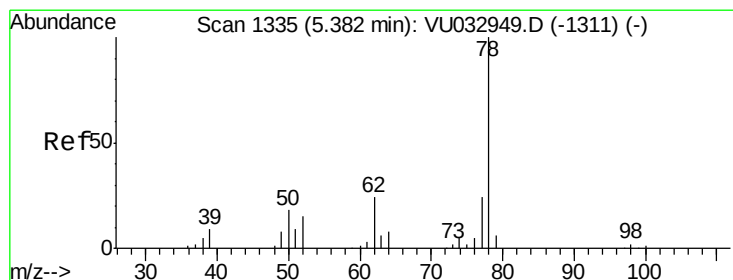
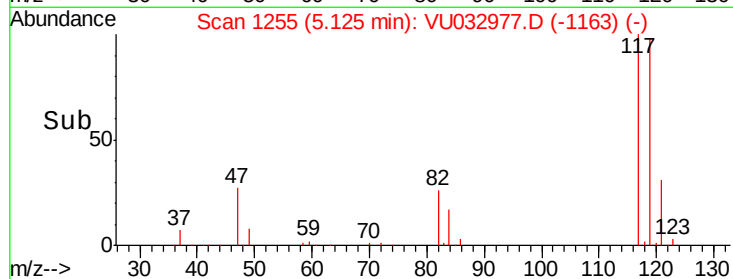
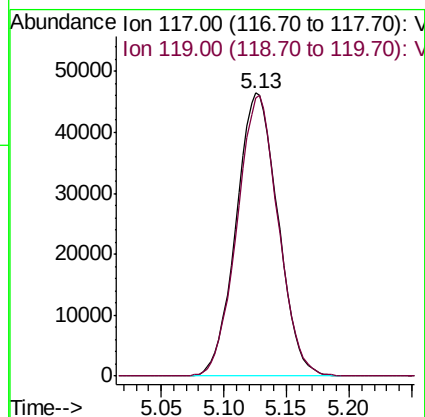
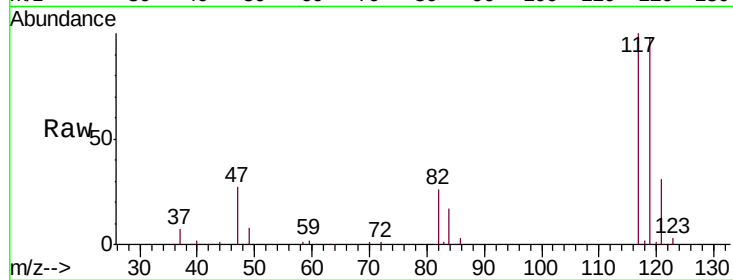
VSTD05058

Tgt Ion:117 Resp: 107505

Ion Ratio Lower Upper

117 100

119 97.7 76.3 114.5



#33

Benzene

Concen: 50.973 ug/L

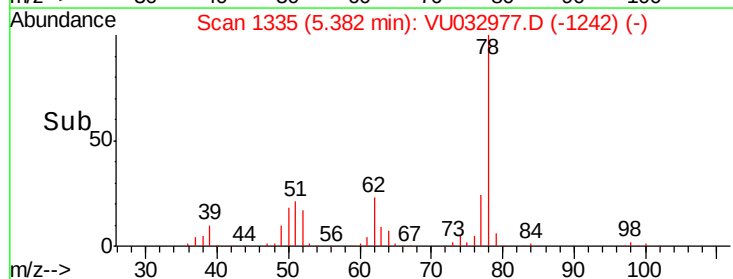
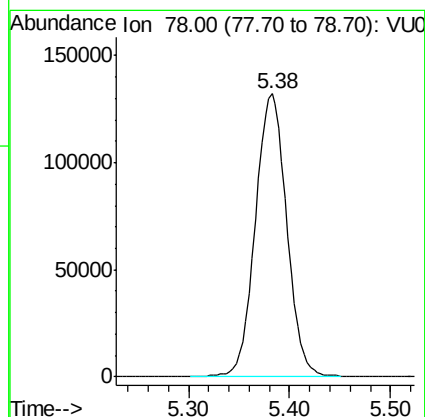
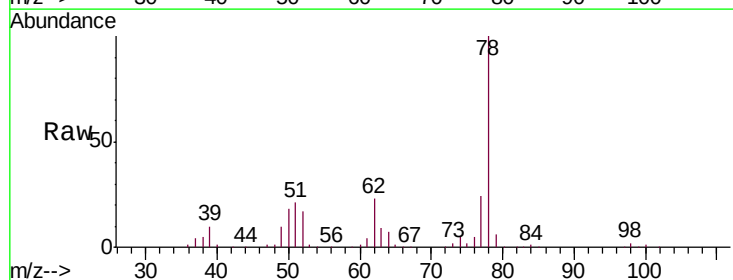
RT: 5.38 min Scan# 1335

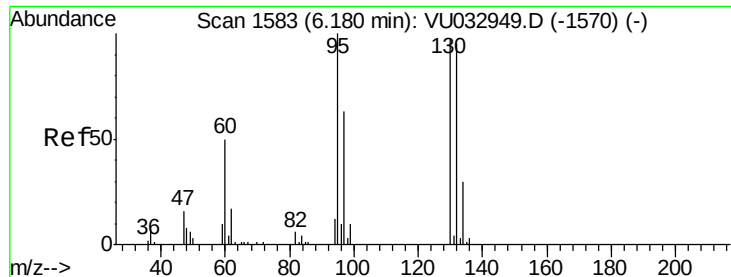
Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

Tgt Ion: 78 Resp: 284906





#34

Trichloroethene

Concen: 49.856 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

Instrument :

MSVOA\_U

ClientSampleId :

VSTD05058

Tgt Ion: 95 Resp: 74454

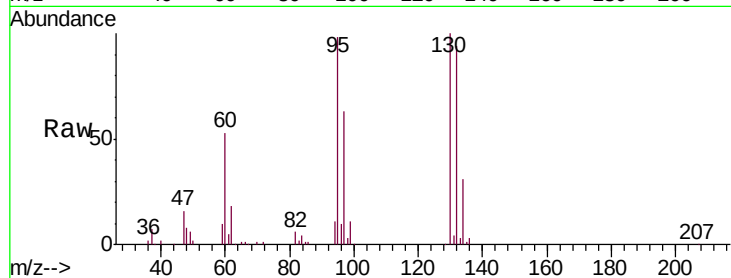
Ion Ratio Lower Upper

95 100

97 64.5 45.9 85.3

132 95.9 68.5 127.3

130 101.7 70.8 131.4

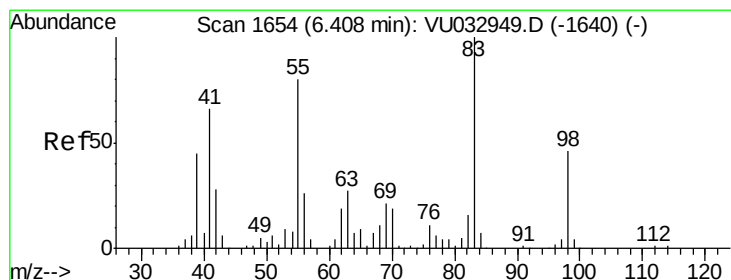
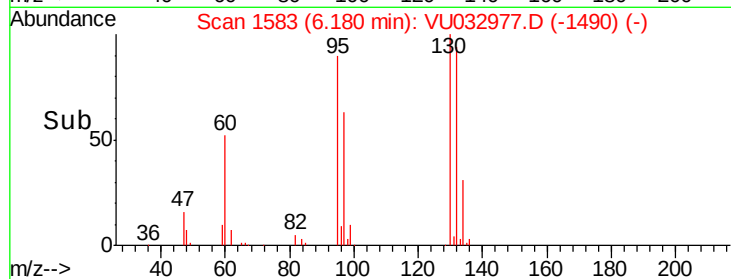
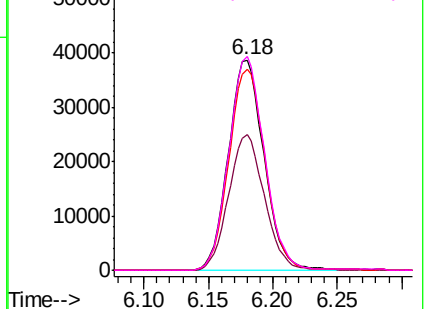


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 48.427 ug/L

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

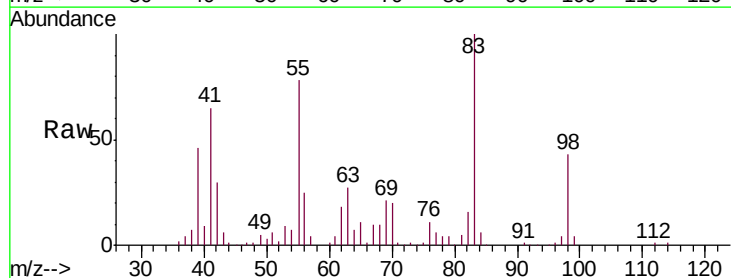
Tgt Ion: 83 Resp: 111788

Ion Ratio Lower Upper

83 100

55 78.9 62.6 94.0

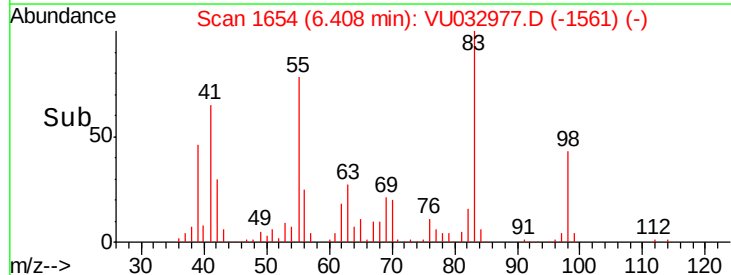
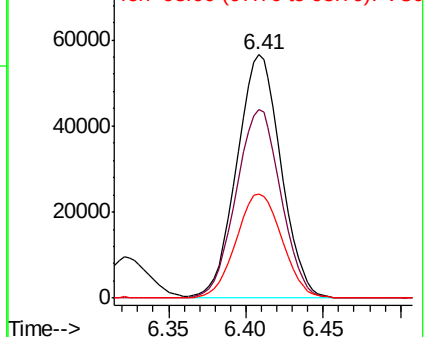
98 44.7 37.4 56.0



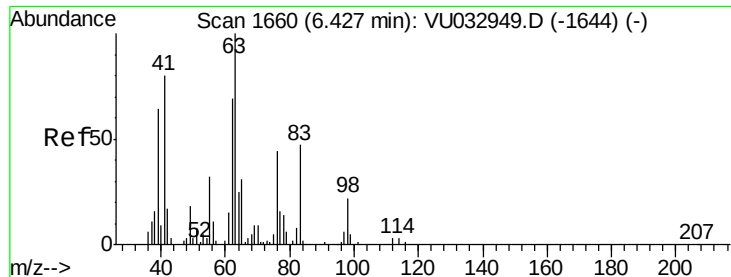
Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



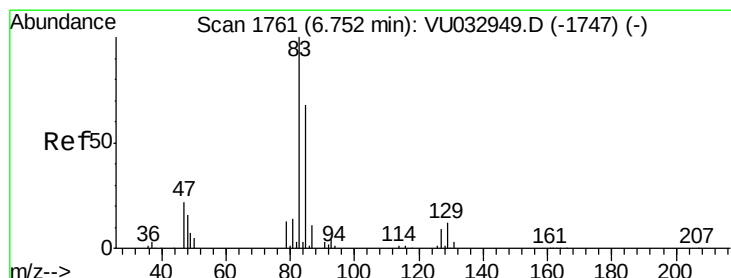
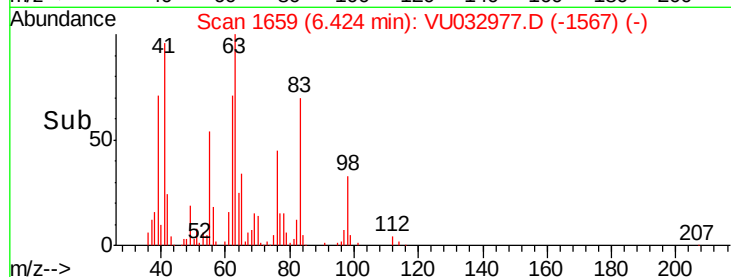
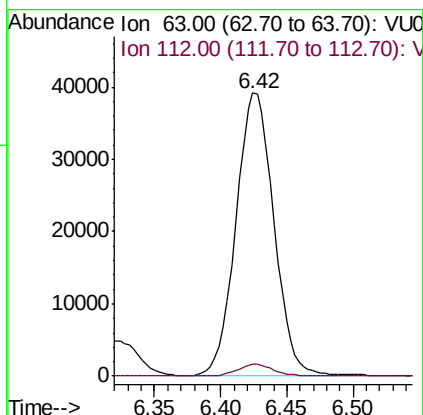
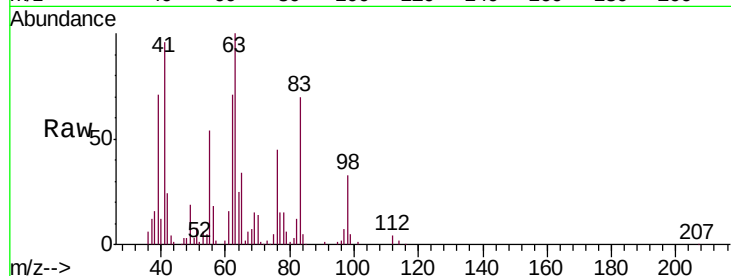




#37  
 1,2-Dichloropropane  
 Concen: 50.576 ug/L  
 RT: 6.42 min Scan# 1659  
 Delta R.T. -0.00 min  
 Lab File: VU032977.D  
 Acq: 22 Jun 2019 04:17

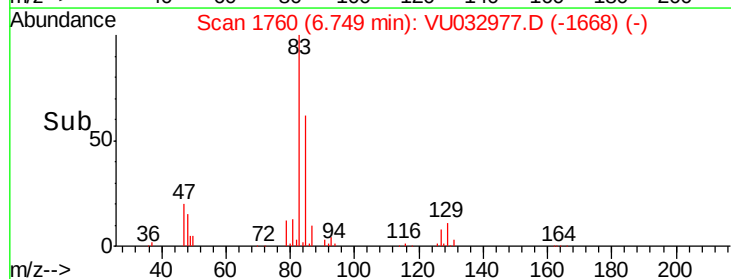
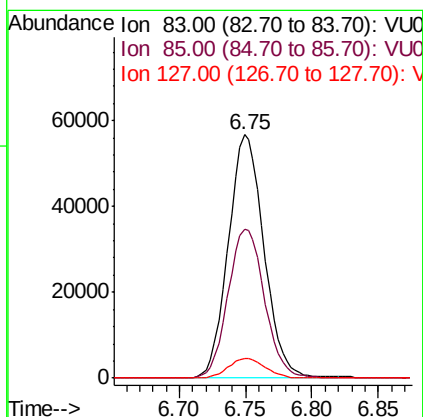
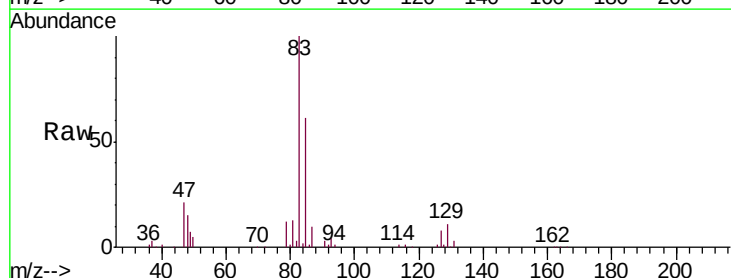
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD05058

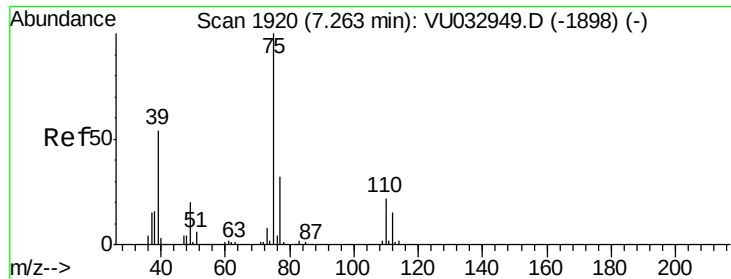
Tgt Ion: 63 Resp: 77542  
 Ion Ratio Lower Upper  
 63 100  
 112 4.0 3.0 4.6



#38  
 Bromodichloromethane  
 Concen: 51.411 ug/L  
 RT: 6.75 min Scan# 1760  
 Delta R.T. -0.00 min  
 Lab File: VU032977.D  
 Acq: 22 Jun 2019 04:17

Tgt Ion: 83 Resp: 105989  
 Ion Ratio Lower Upper  
 83 100  
 85 61.2 45.0 83.6  
 127 8.3 7.0 10.6

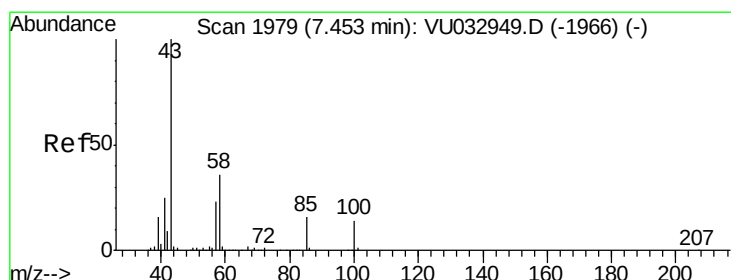
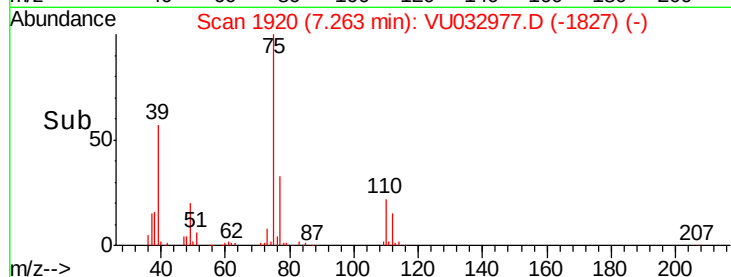
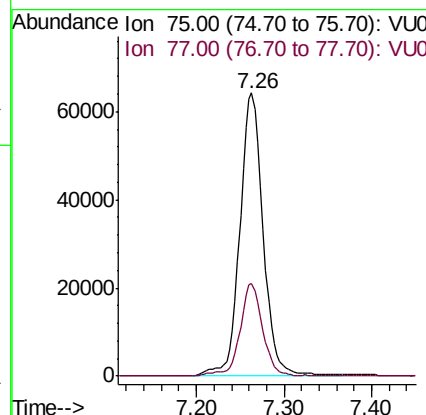
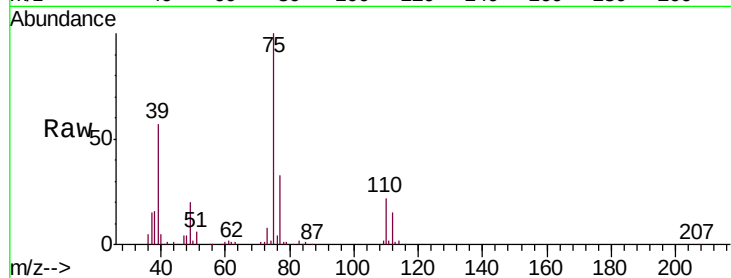




#39  
 cis-1,3-Dichloropropene  
 Concen: 49.815 ug/L  
 RT: 7.26 min Scan# 1920  
 Delta R.T. -0.00 min  
 Lab File: VU032977.D  
 Acq: 22 Jun 2019 04:17

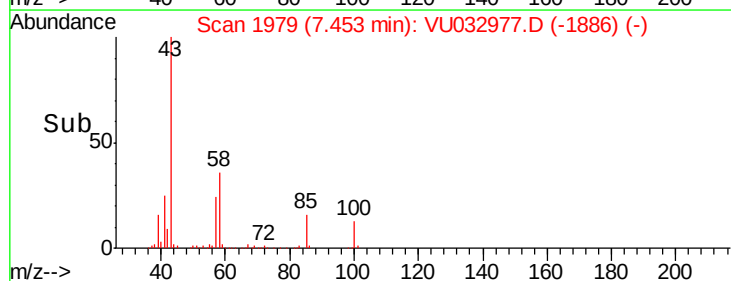
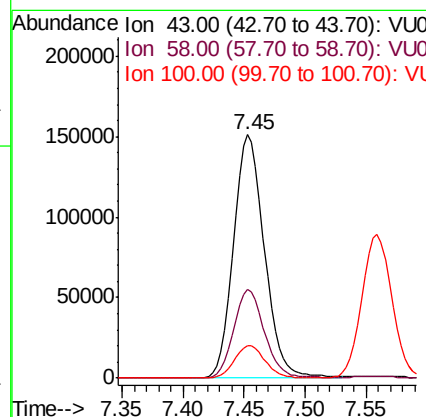
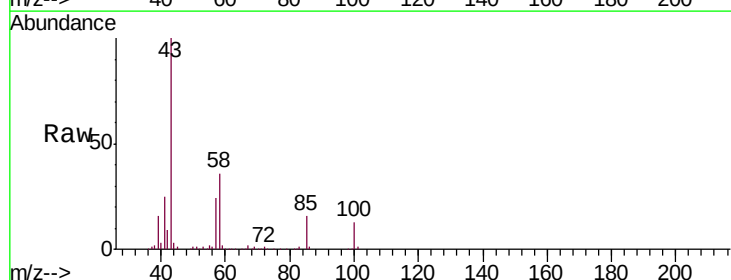
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD05058

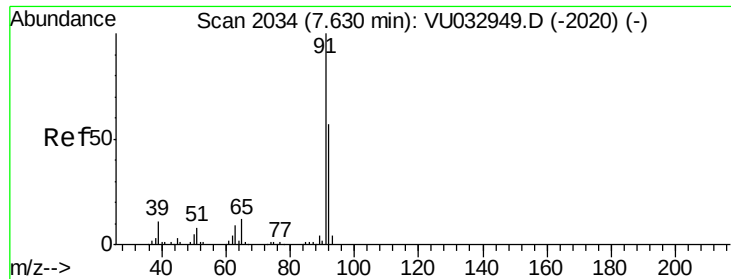
Tgt Ion: 75 Resp: 118991  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 21.9 40.7



#40  
 4-Methyl-2-pentanone  
 Concen: 109.514 ug/L  
 RT: 7.45 min Scan# 1979  
 Delta R.T. -0.00 min  
 Lab File: VU032977.D  
 Acq: 22 Jun 2019 04:17

Tgt Ion: 43 Resp: 268066  
 Ion Ratio Lower Upper  
 43 100  
 58 36.3 29.4 44.2  
 100 13.3 11.2 16.8





#42

Toluene

Concen: 50.963 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

Instrument :

MSVOA\_U

ClientSampleId :

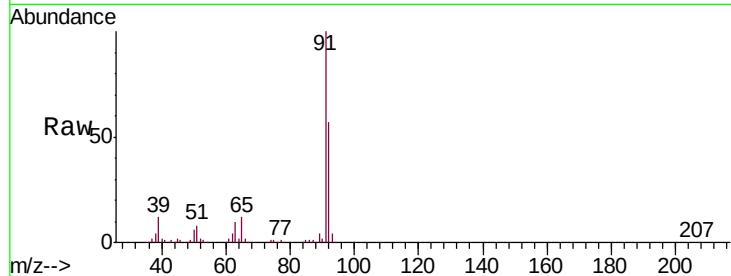
VSTD05058

Tgt Ion: 91 Resp: 308194

Ion Ratio Lower Upper

91 100

92 57.4 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VU032949.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU032949.D (-2020) (-)

7.63

200000

150000

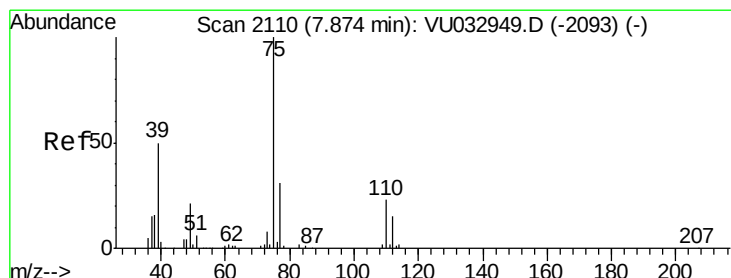
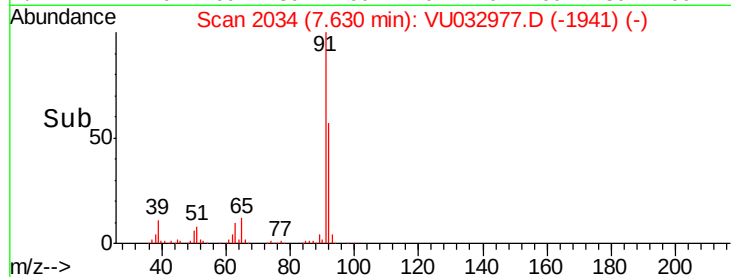
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#44

trans-1,3-Dichloropropene

Concen: 48.554 ug/L

RT: 7.87 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VU032977.D

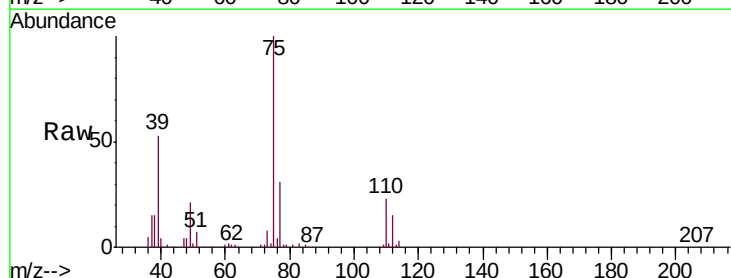
Acq: 22 Jun 2019 04:17

Tgt Ion: 75 Resp: 108934

Ion Ratio Lower Upper

75 100

77 30.7 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU032949.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU032949.D (-2093) (-)

7.87

60000

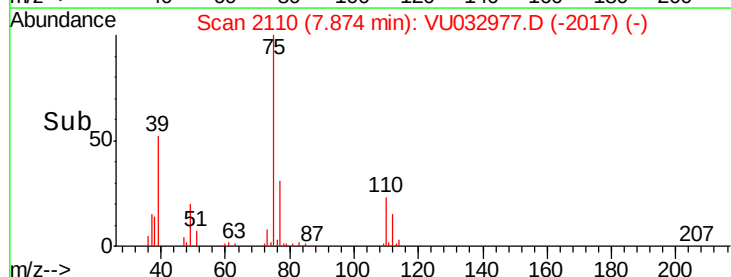
40000

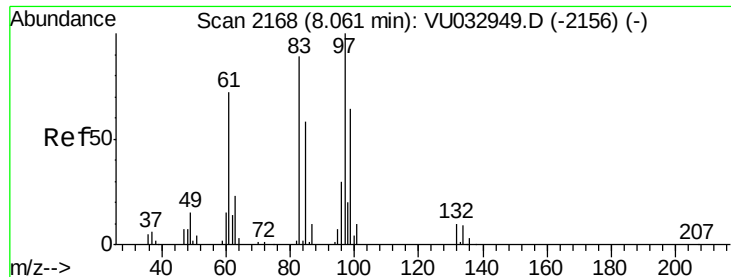
20000

0

7.80 7.90 8.00

Time-->

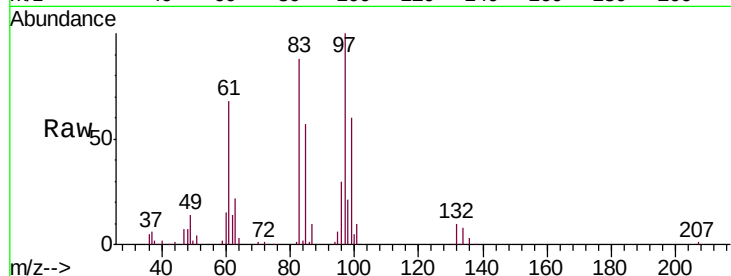




#45  
 1,1,2-Trichloroethane  
 Concen: 51.072 ug/L  
 RT: 8.06 min Scan# 2168  
 Delta R.T. -0.00 min  
 Lab File: VU032977.D  
 Acq: 22 Jun 2019 04:17

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD05058

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 72882 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 60.1  | 43.1  | 80.1  |
| 83       | 87.6  | 61.4  | 114.0 |
| 85       | 57.3  | 39.2  | 72.8  |



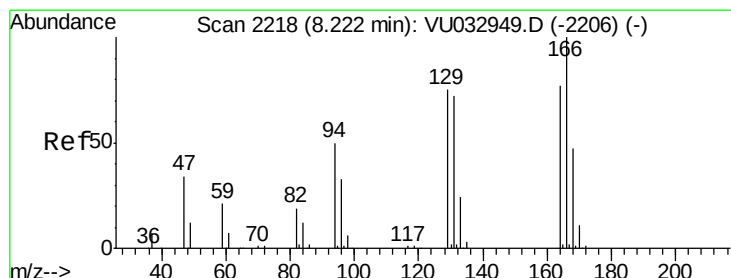
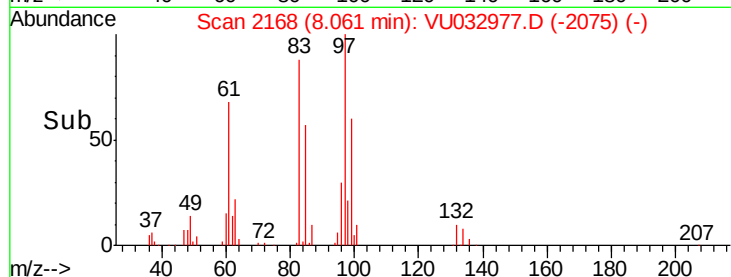
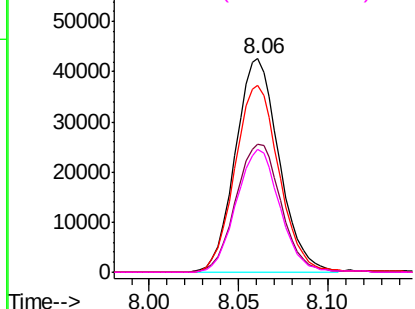
Abundance

Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

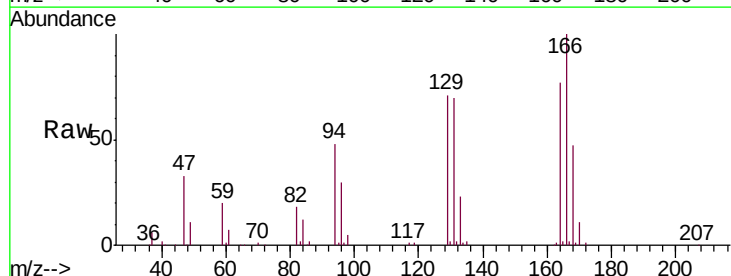
Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46  
 Tetrachloroethene  
 Concen: 48.722 ug/L  
 RT: 8.22 min Scan# 2218  
 Delta R.T. -0.00 min  
 Lab File: VU032977.D  
 Acq: 22 Jun 2019 04:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 59622 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 92.4  | 64.8  | 120.3 |
| 131      | 90.4  | 64.5  | 119.7 |
| 166      | 129.7 | 91.3  | 169.6 |



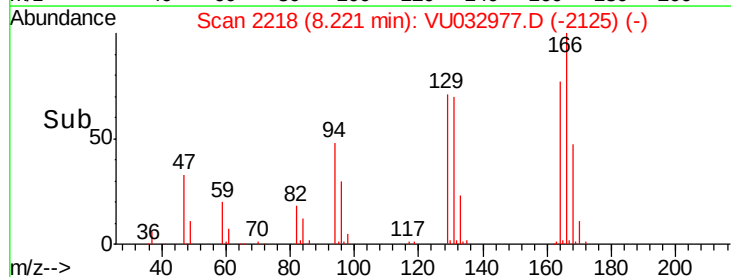
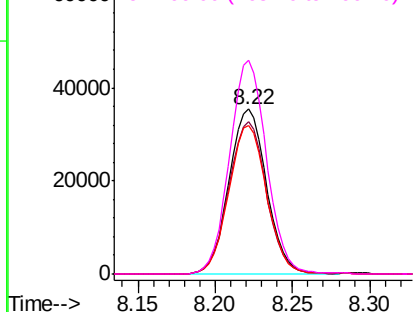
Abundance

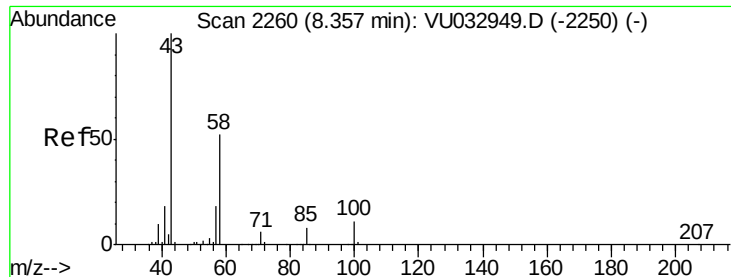
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

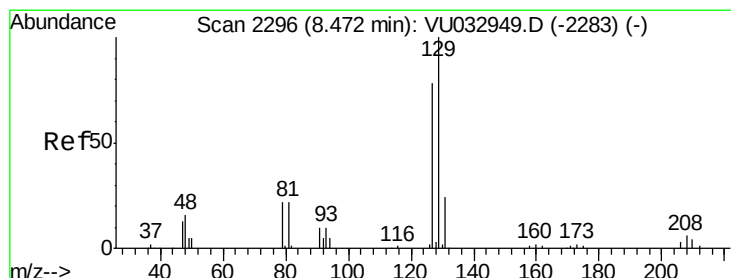
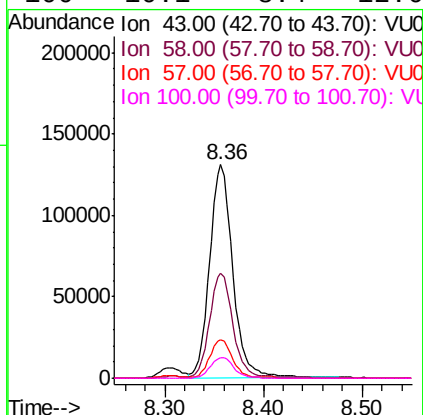
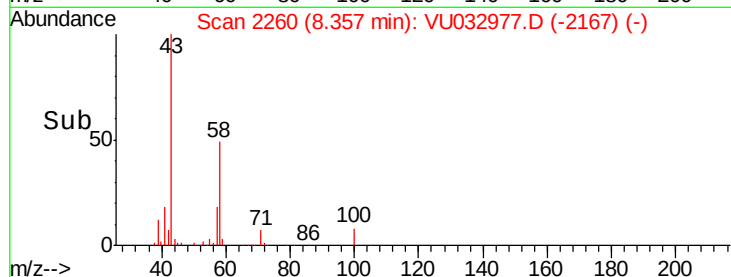
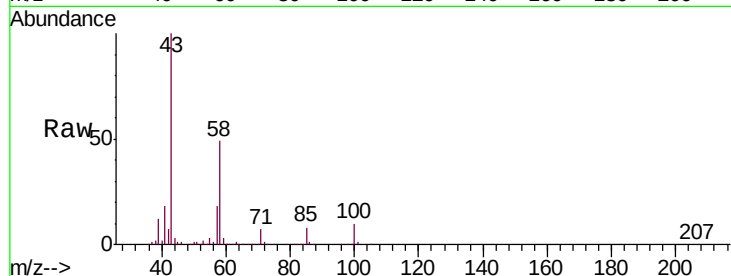




#48  
2-Hexanone  
Concen: 99.295 ug/L  
RT: 8.36 min Scan# 2260  
Delta R.T. -0.00 min  
Lab File: VU032977.D  
Acq: 22 Jun 2019 04:17

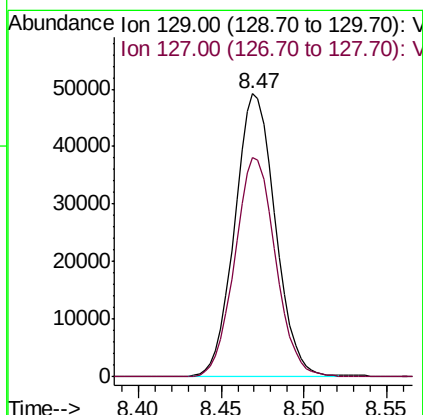
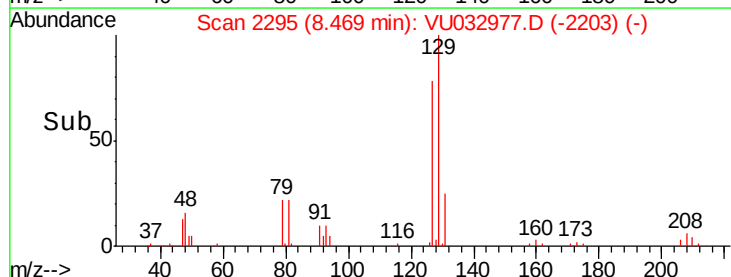
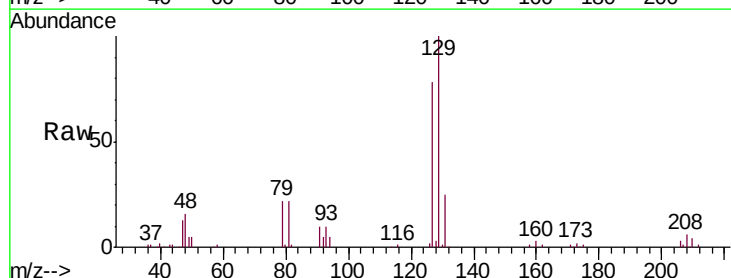
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD05058

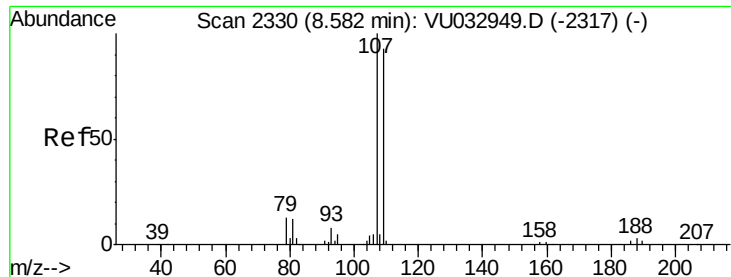
Tgt Ion: 43 Resp: 214446  
Ion Ratio Lower Upper  
43 100  
58 49.3 40.2 60.2  
57 18.2 14.2 21.4  
100 10.1 8.4 12.6



#49  
Dibromochloromethane  
Concen: 48.701 ug/L  
RT: 8.47 min Scan# 2295  
Delta R.T. -0.00 min  
Lab File: VU032977.D  
Acq: 22 Jun 2019 04:17

Tgt Ion: 129 Resp: 83783  
Ion Ratio Lower Upper  
129 100  
127 77.6 52.3 97.1

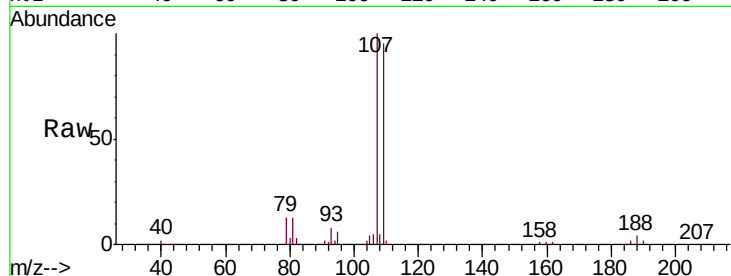




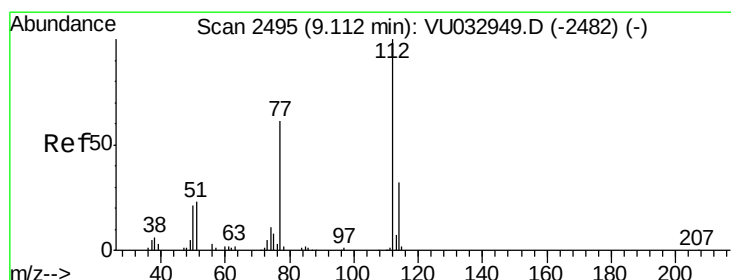
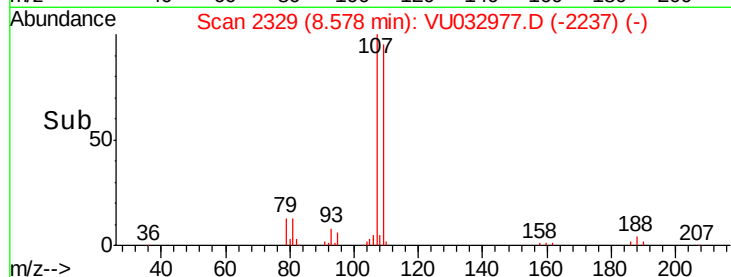
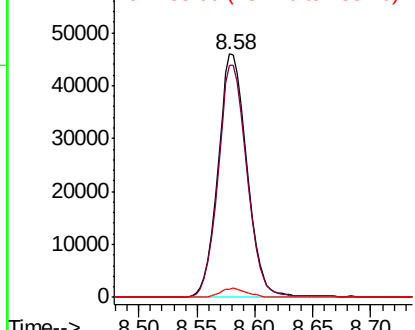
#50  
1,2-Dibromoethane  
Concen: 50.642 ug/L  
RT: 8.58 min Scan# 2329  
Delta R.T. -0.00 min  
Lab File: VU032977.D  
Acq: 22 Jun 2019 04:17

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD05058

Tgt Ion:107 Resp: 80257  
Ion Ratio Lower Upper  
107 100  
109 95.4 65.4 121.4  
188 3.6 3.1 4.7

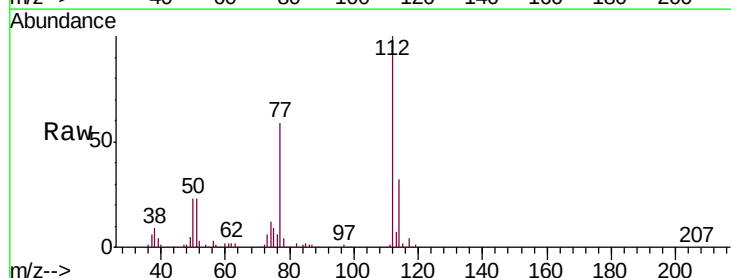


Abundance Ion 107.00 (106.70 to 107.70): V  
Ion 109.00 (108.70 to 109.70): V  
Ion 188.00 (187.70 to 188.70): V

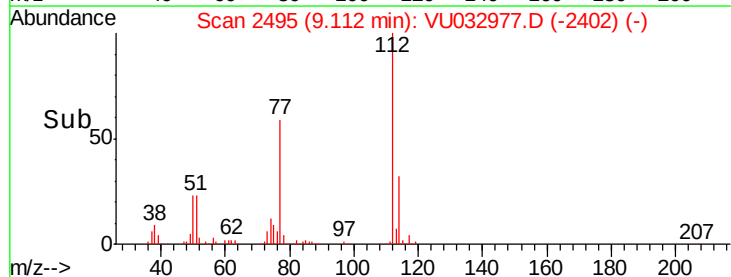
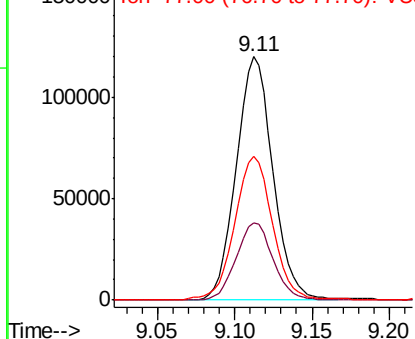


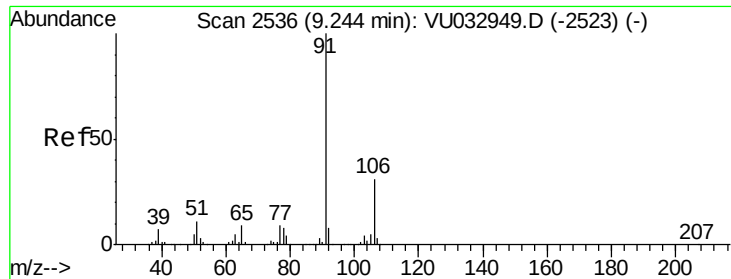
#51  
Chlorobenzene  
Concen: 49.717 ug/L  
RT: 9.11 min Scan# 2495  
Delta R.T. -0.00 min  
Lab File: VU032977.D  
Acq: 22 Jun 2019 04:17

Tgt Ion:112 Resp: 197847  
Ion Ratio Lower Upper  
112 100  
114 32.0 22.8 42.4  
77 58.9 46.3 69.5



Abundance Ion 112.00 (111.70 to 112.70): V  
Ion 114.00 (113.70 to 114.70): V  
Ion 77.00 (76.70 to 77.70): VU





#52

Ethylbenzene

Concen: 50.908 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

Instrument :

MSVOA\_U

ClientSampleId :

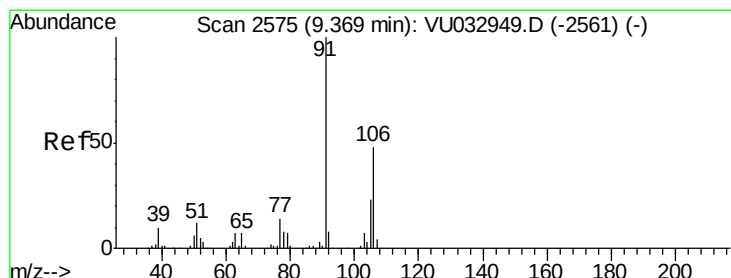
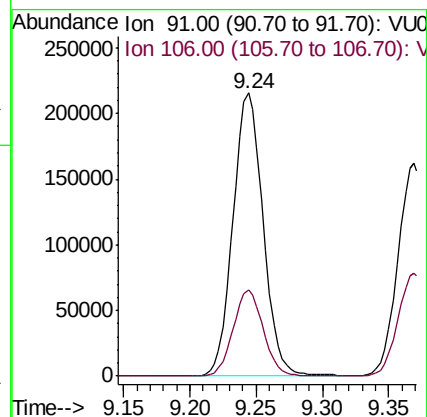
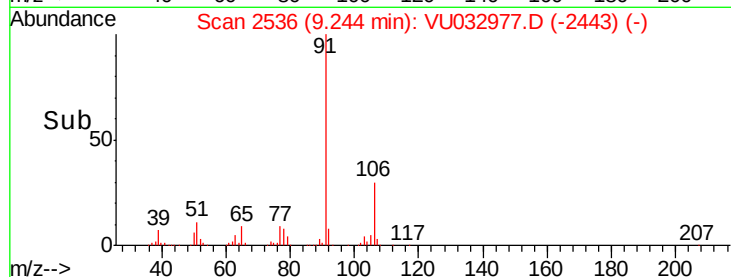
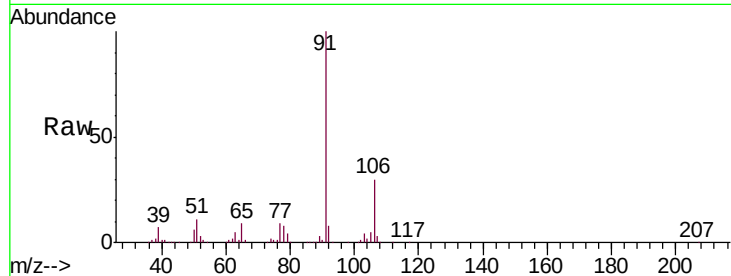
VSTD05058

Tgt Ion: 91 Resp: 340771

Ion Ratio Lower Upper

91 100

106 30.3 21.8 40.4



#53

m,p-Xylene

Concen: 50.332 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032977.D

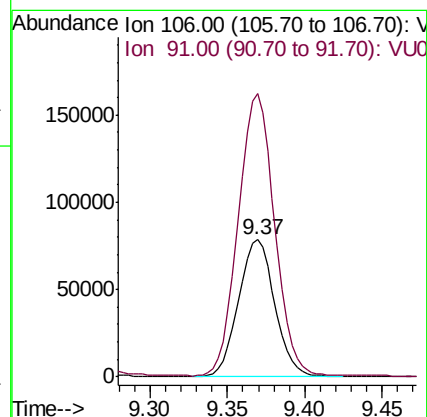
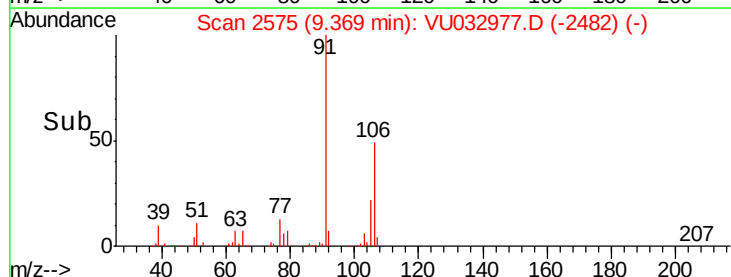
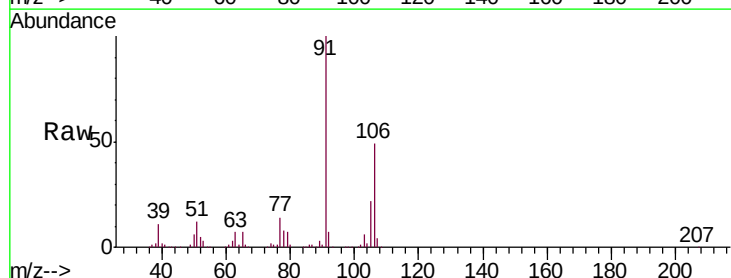
Acq: 22 Jun 2019 04:17

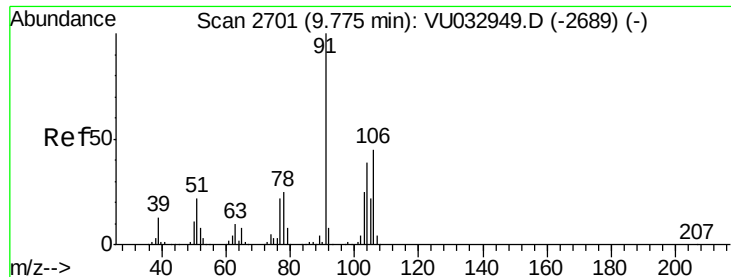
Tgt Ion: 106 Resp: 127115

Ion Ratio Lower Upper

106 100

91 206.0 142.9 265.5





#54

o-xylene

Concen: 50.936 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

Instrument :

MSVOA\_U

ClientSampleId :

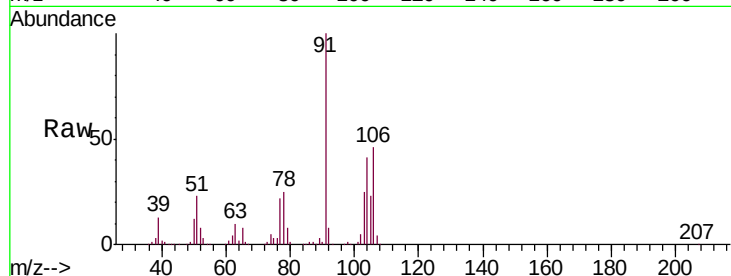
VSTD05058

Tgt Ion:106 Resp: 125628

Ion Ratio Lower Upper

106 100

91 219.2 152.9 284.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

200000

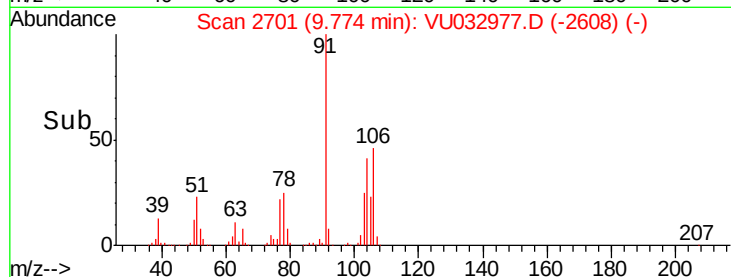
150000

100000

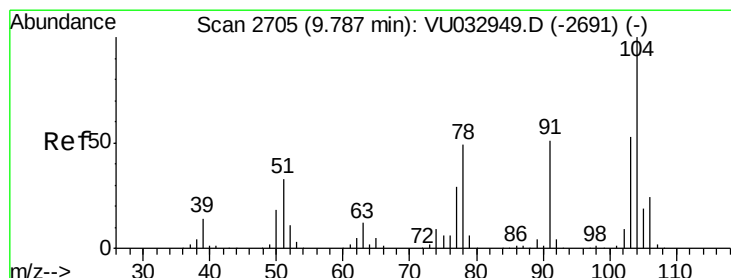
50000

0

9.70 9.75 9.80 9.85



Time-->



#55

Styrene

Concen: 51.028 ug/L

RT: 9.79 min Scan# 2705

Delta R.T. -0.00 min

Lab File: VU032977.D

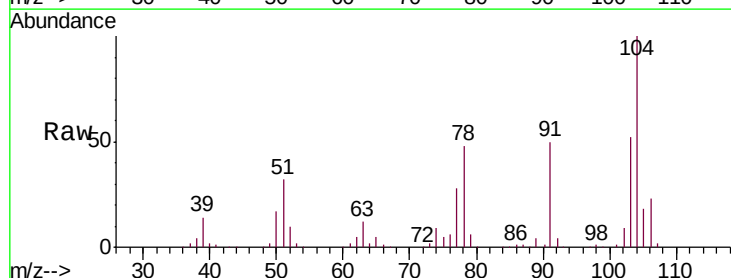
Acq: 22 Jun 2019 04:17

Tgt Ion:104 Resp: 218332

Ion Ratio Lower Upper

104 100

78 47.6 32.1 59.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

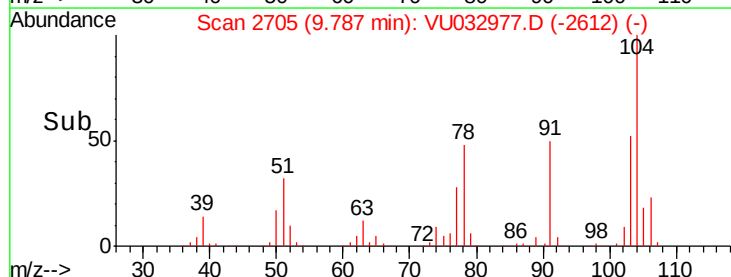
150000

100000

50000

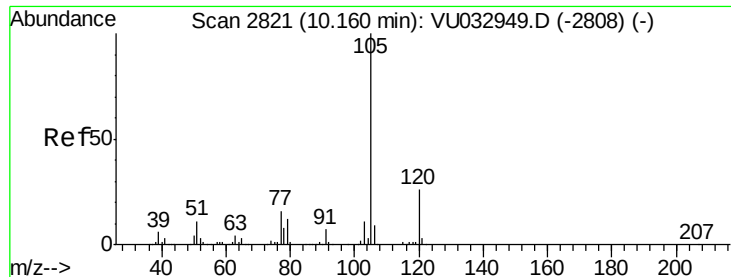
0

9.70 9.80 9.90



Time-->





#56

Isopropylbenzene

Concen: 50.567 ug/L

RT: 10.16 min Scan# 2821

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

Instrument :

MSVOA\_U

ClientSampleId :

VSTD05058

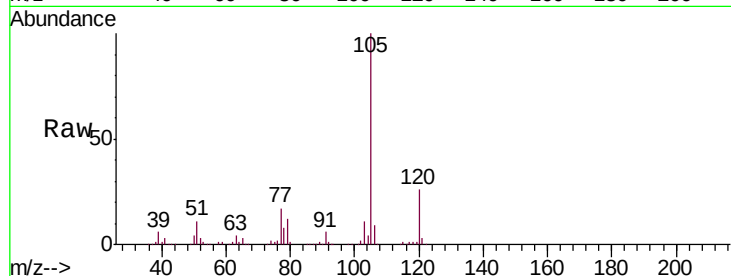
Tgt Ion:105 Resp: 336104

Ion Ratio Lower Upper

105 100

120 26.1 21.4 32.0

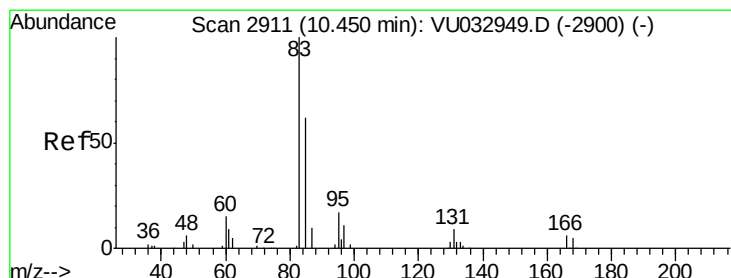
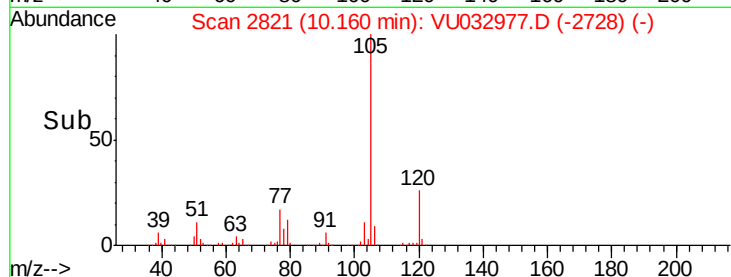
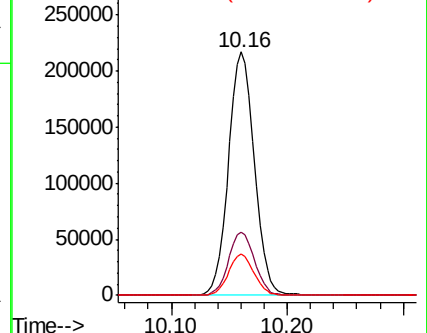
77 16.8 13.0 19.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 50.081 ug/L

RT: 10.45 min Scan# 2911

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

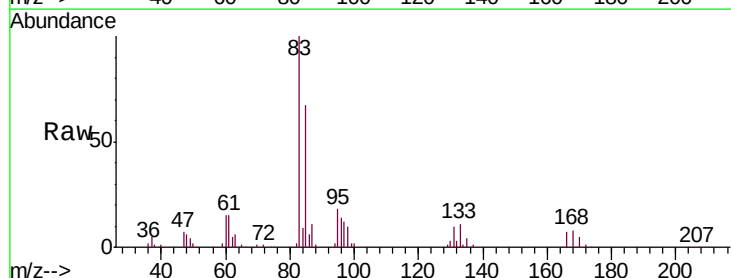
Tgt Ion: 83 Resp: 129321

Ion Ratio Lower Upper

83 100

85 66.7 45.8 85.2

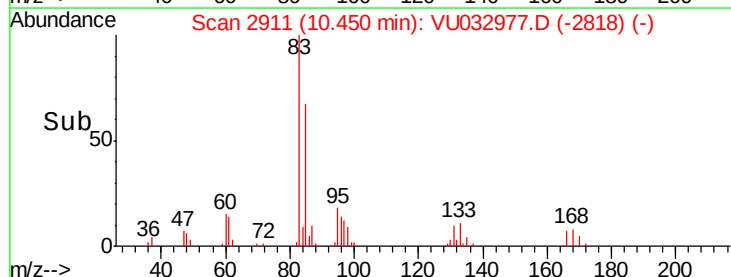
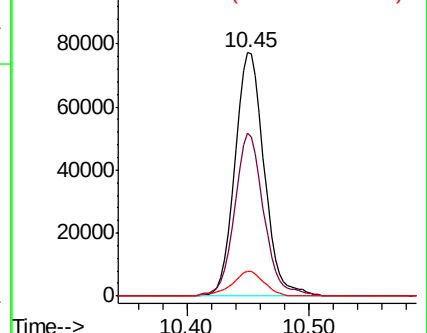
131 10.3 7.8 11.8

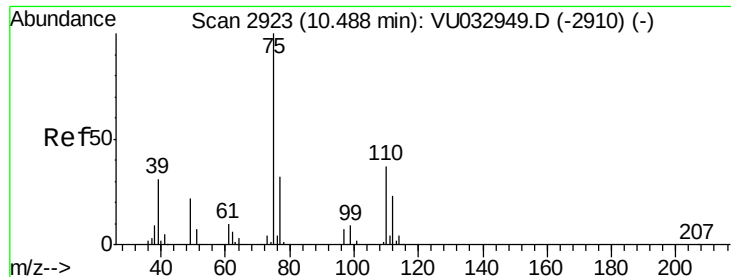


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 51.260 ug/L

RT: 10.49 min Scan# 2923

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

Instrument :

MSVOA\_U

ClientSampleId :

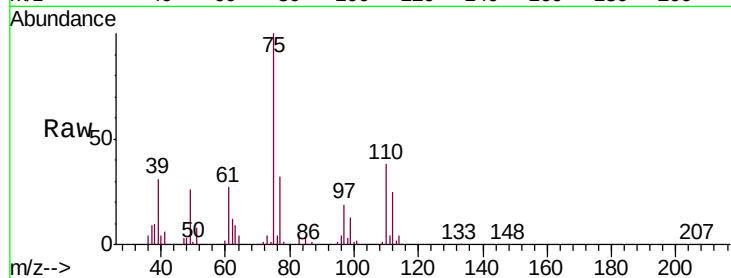
VSTD05058

Tgt Ion: 75 Resp: 104882

Ion Ratio Lower Upper

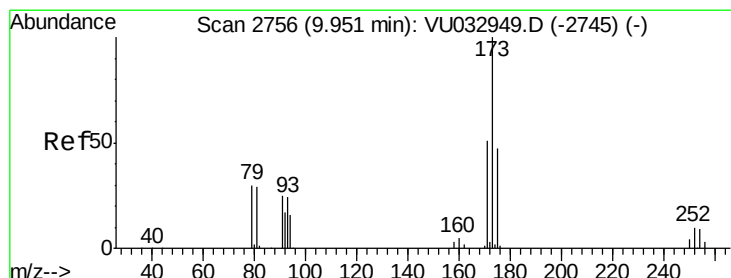
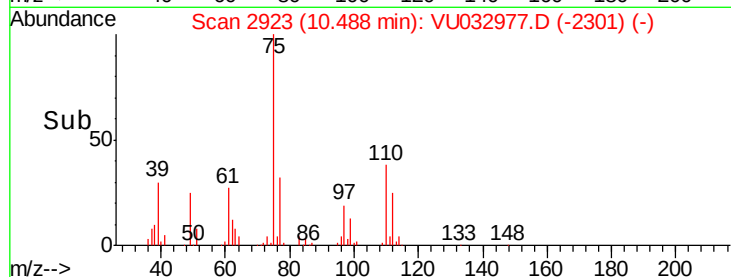
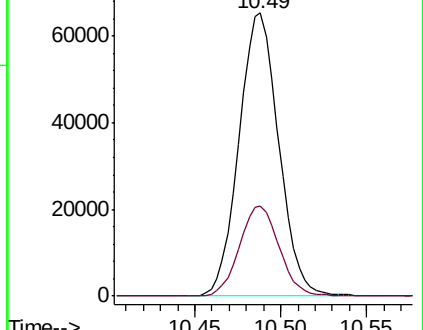
75 100

77 32.0 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU032949.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU032949.D (-2910) (-)



#61

Bromoform

Concen: 49.510 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

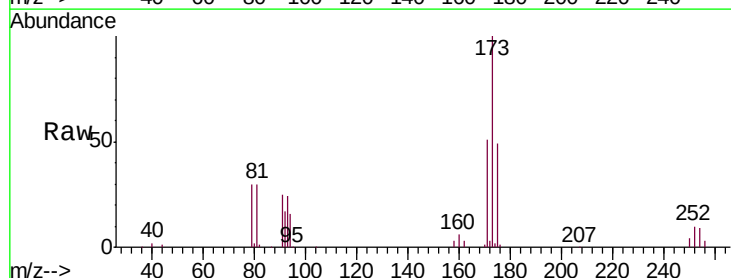
Tgt Ion: 173 Resp: 64918

Ion Ratio Lower Upper

173 100

175 48.4 39.0 58.4

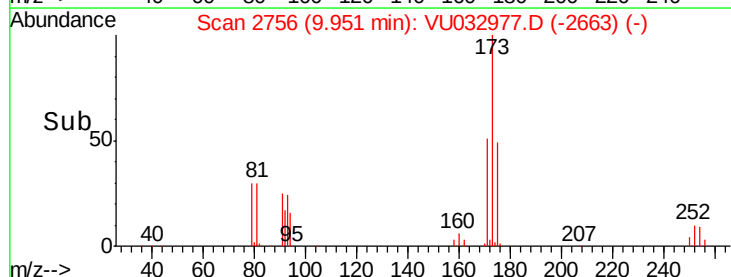
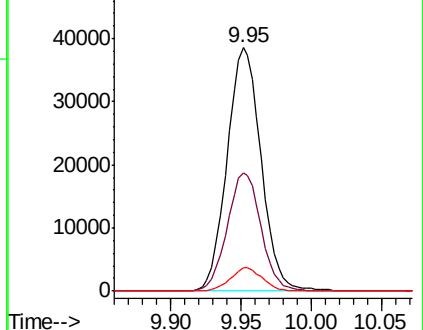
254 9.0 7.5 11.3

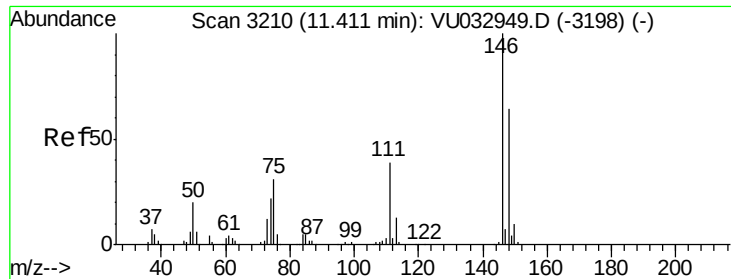


Abundance Ion 173.00 (172.70 to 173.70): VU032949.D (-2745) (-)

Ion 175.00 (174.70 to 175.70): VU032949.D (-2745) (-)

Ion 254.00 (253.70 to 254.70): VU032949.D (-2745) (-)





#62

1,3-Dichlorobenzene

Concen: 50.825 ug/L

RT: 11.41 min Scan# 3210

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

Instrument :

MSVOA\_U

ClientSampleId :

VSTD05058

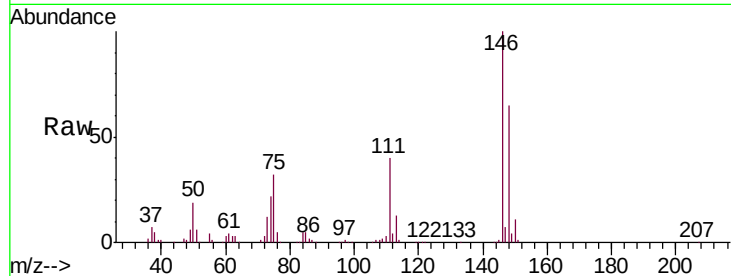
Tgt Ion:146 Resp: 158641

Ion Ratio Lower Upper

146 100

111 39.8 28.4 52.8

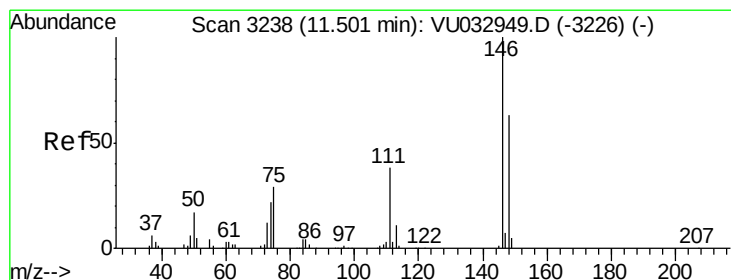
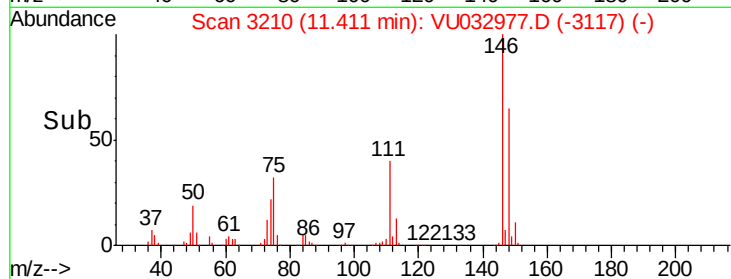
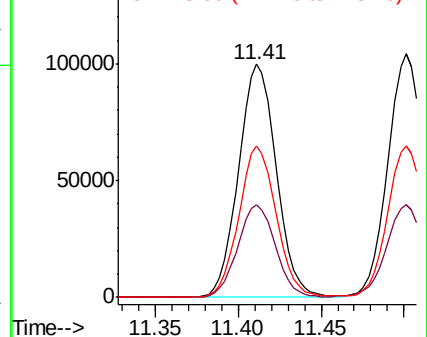
148 64.8 45.5 84.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 50.080 ug/L

RT: 11.50 min Scan# 3238

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

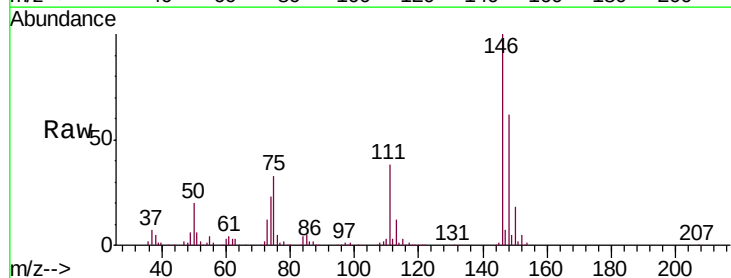
Tgt Ion:146 Resp: 161453

Ion Ratio Lower Upper

146 100

111 38.3 26.9 50.1

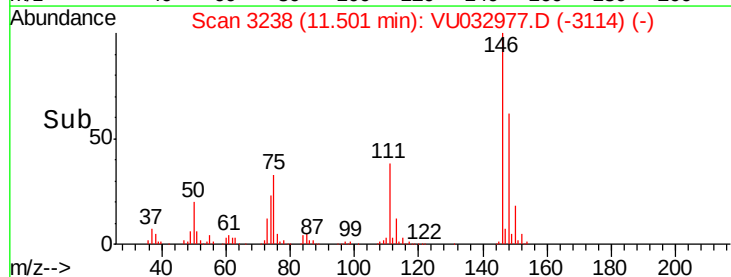
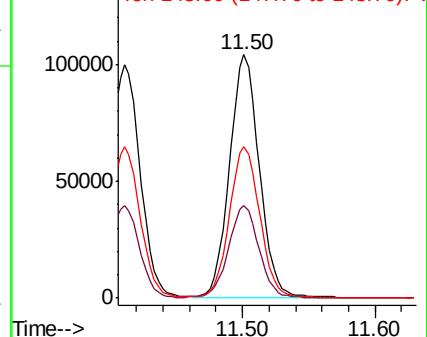
148 62.3 44.7 83.1

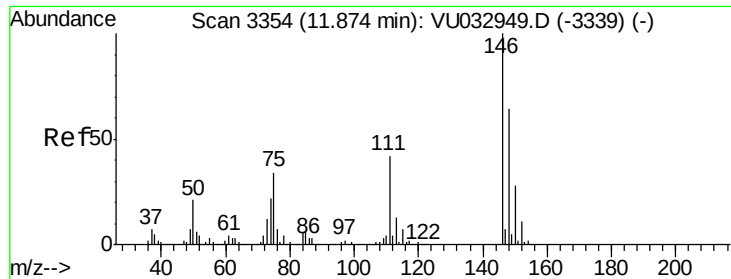


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

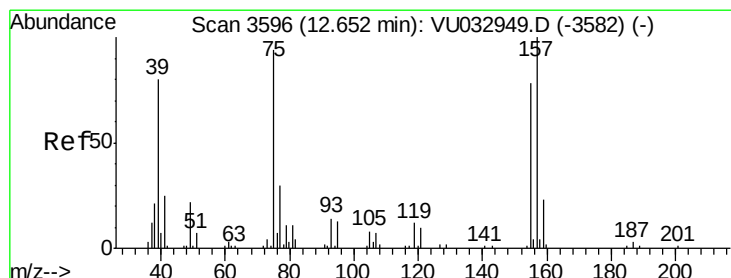
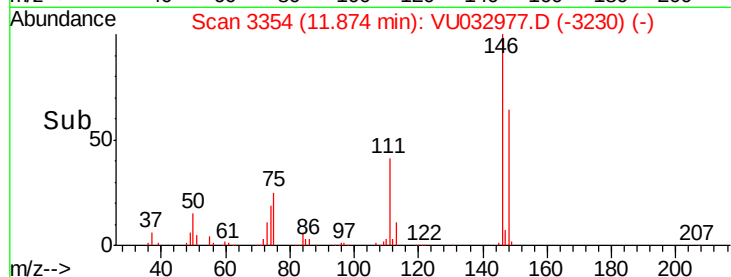
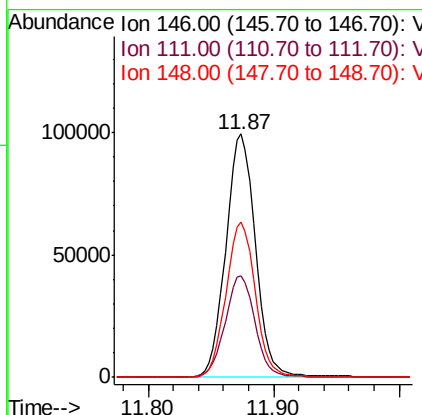
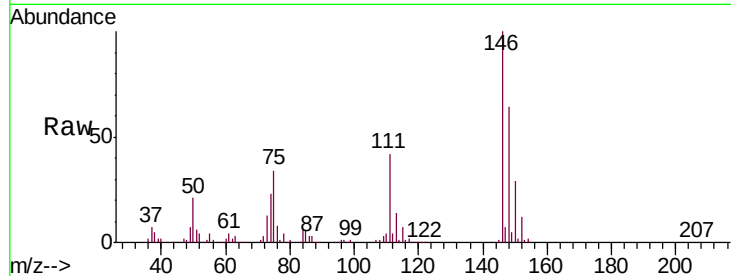




#65  
 1,2-Dichlorobenzene  
 Concen: 51.143 ug/L  
 RT: 11.87 min Scan# 3354  
 Delta R.T. -0.00 min  
 Lab File: VU032977.D  
 Acq: 22 Jun 2019 04:17

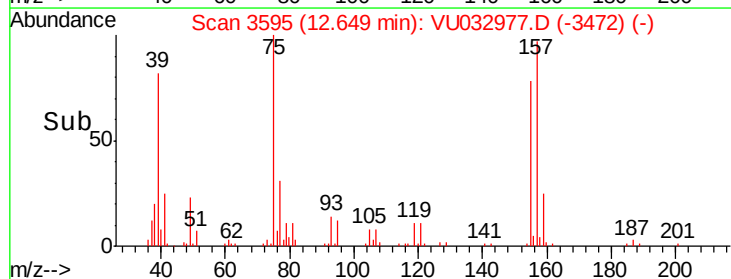
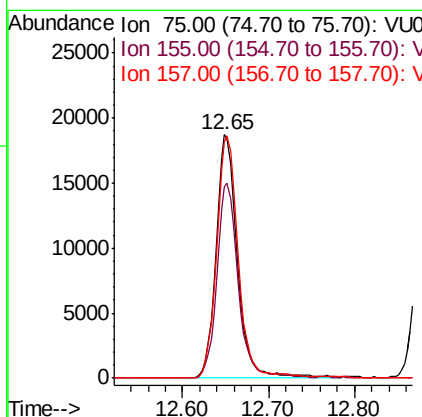
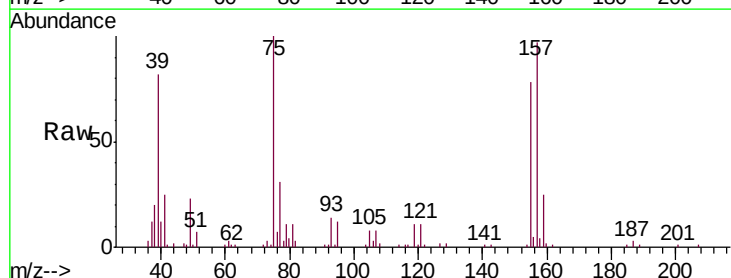
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD05058

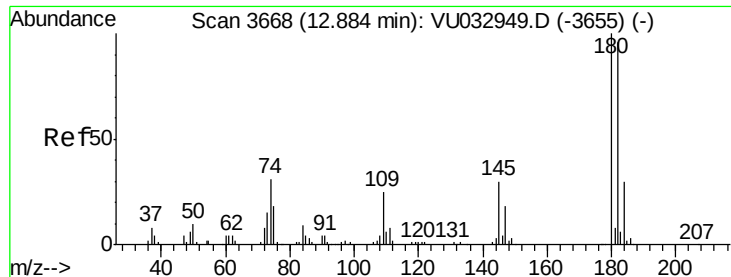
Tgt Ion: 146 Resp: 162995  
 Ion Ratio Lower Upper  
 146 100  
 111 41.8 34.1 51.1  
 148 64.0 52.0 78.0



#66  
 1,2-Dibromo-3-chloropropane  
 Concen: 53.070 ug/L  
 RT: 12.65 min Scan# 3595  
 Delta R.T. -0.00 min  
 Lab File: VU032977.D  
 Acq: 22 Jun 2019 04:17

Tgt Ion: 75 Resp: 32268  
 Ion Ratio Lower Upper  
 75 100  
 155 78.5 67.4 101.2  
 157 97.0 85.5 128.3

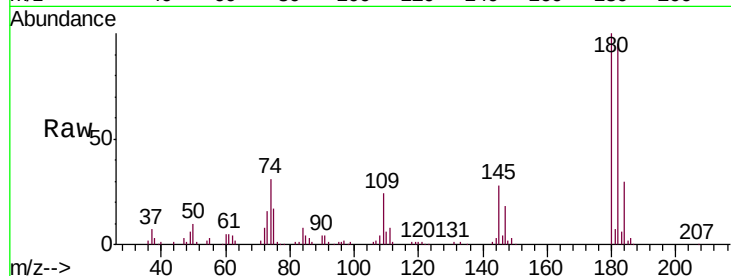




#67  
 1,3,5-Trichlorobenzene  
 Concen: 48.401 ug/L  
 RT: 12.88 min Scan# 3668  
 Delta R.T. -0.00 min  
 Lab File: VU032977.D  
 Acq: 22 Jun 2019 04:17

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD05058

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.9  | 78.3  | 117.5 |
| 184     | 30.4  | 24.8  | 37.2  |
| 145     | 28.8  | 23.4  | 35.2  |



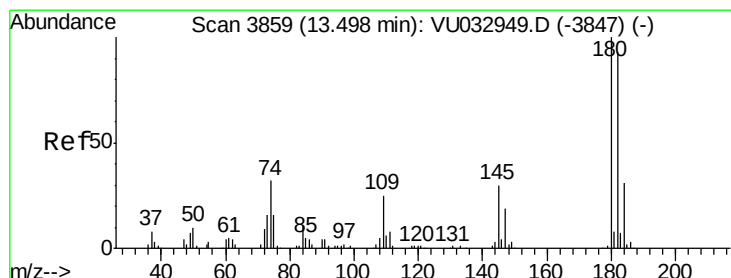
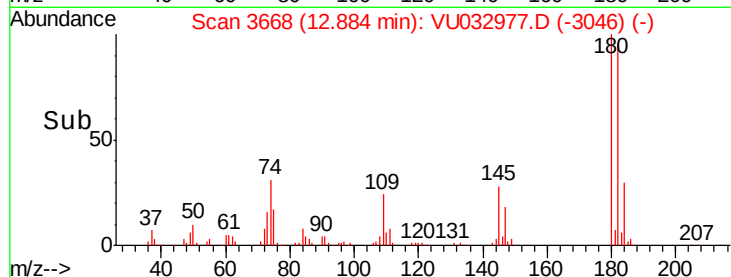
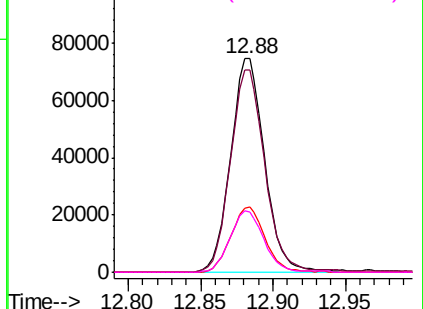
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

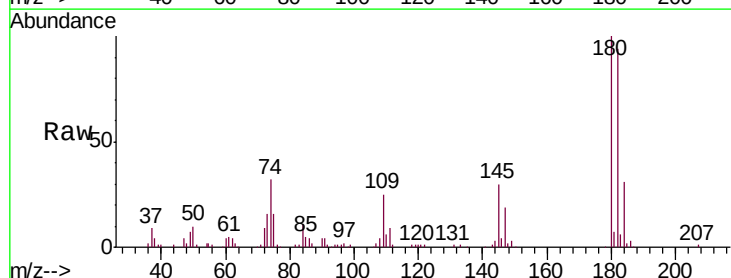
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68  
 1,2,4-trichlorobenzene  
 Concen: 50.728 ug/L  
 RT: 13.50 min Scan# 3859  
 Delta R.T. -0.00 min  
 Lab File: VU032977.D  
 Acq: 22 Jun 2019 04:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.5  | 76.2  | 114.4 |
| 145     | 29.2  | 23.8  | 35.8  |

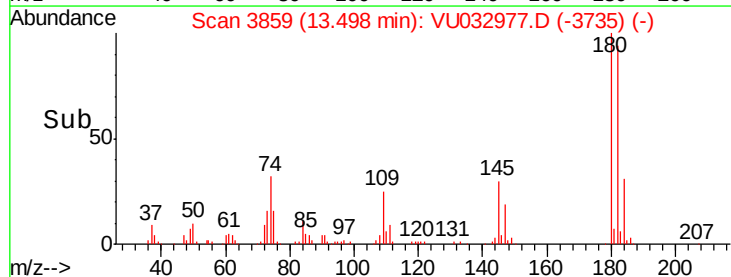
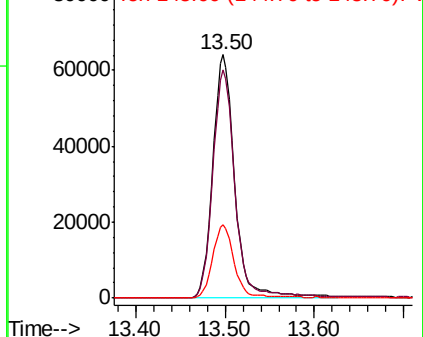


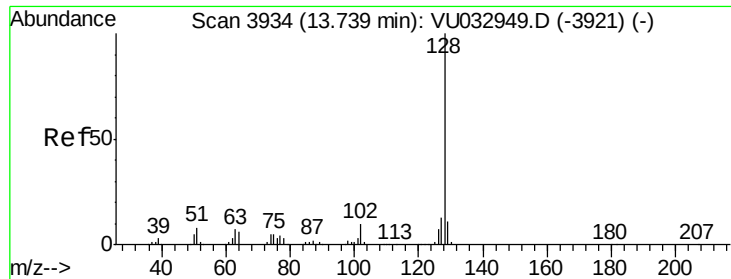
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 52.690 ug/L

RT: 13.74 min Scan# 3934

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

Instrument :

MSVOA\_U

ClientSampleId :

VSTD05058

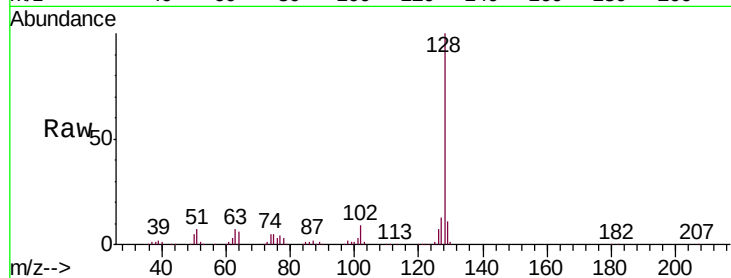
Tgt Ion:128 Resp: 349609

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

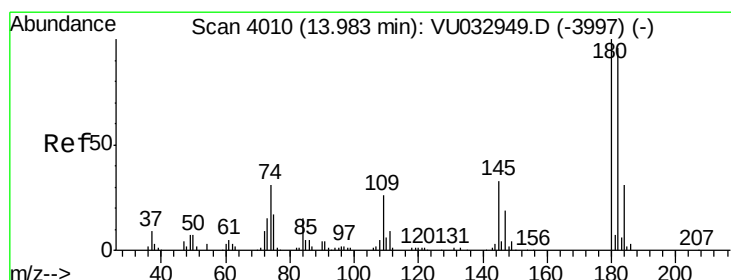
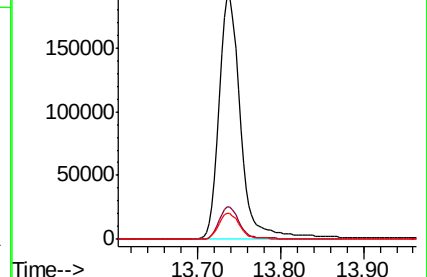
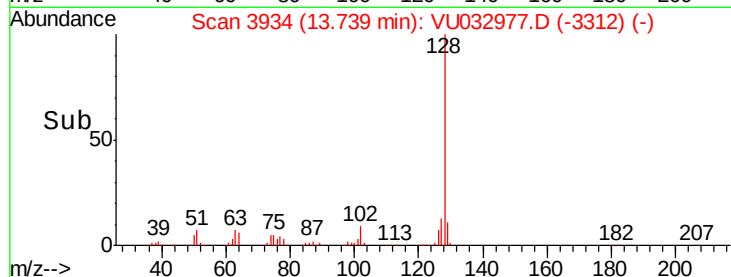
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 50.608 ug/L

RT: 13.98 min Scan# 4010

Delta R.T. -0.00 min

Lab File: VU032977.D

Acq: 22 Jun 2019 04:17

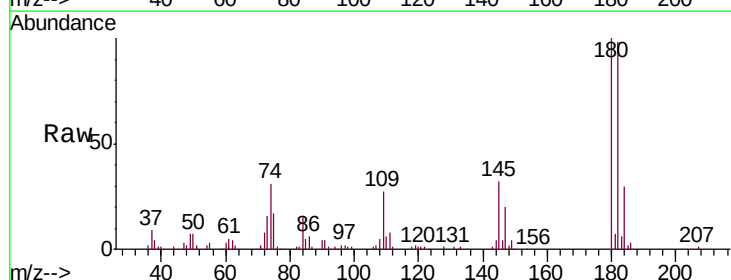
Tgt Ion:180 Resp: 115616

Ion Ratio Lower Upper

180 100

182 97.3 77.0 115.6

145 30.0 25.5 38.3



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

