

Data File : VV008707.D  
Acq On : 21 Nov 2018 18:18  
Operator : SY/MD  
Sample : VSTDCCC005EC  
Misc : 25.0 mL/MSVOA\_V/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00577

Quant Time: Nov 22 00:42:12 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR111718WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Nov 22 00:36:45 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 170271   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 156703   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 75659    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 37132    | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 98.20%  |
| 7) Chloroethane-d5             | 1.59   | 69    | 28370    | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 91.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 77819    | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 101.40% |
| 20) 2-Butanone-d5              | 3.96   | 46    | 117230   | 43.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 86.64%  |
| 24) Chloroform-d               | 4.41   | 84    | 96789    | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 48599    | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.40%  |
| 32) Benzene-d6                 | 5.10   | 84    | 195893   | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 60009    | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 91.00%  |
| 41) Toluene-d8                 | 7.36   | 98    | 184886   | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.40%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 20092    | 4.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 80.00%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 84451    | 37.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 74.16%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 41091    | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 89.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 62614    | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 91.60%  |

#### Target Compounds

|                                |      |     |        |             | Qvalue |
|--------------------------------|------|-----|--------|-------------|--------|
| 2) Dichlorodifluoromethane     | 1.14 | 85  | 69298  | 4.937 ug/L  | 99     |
| 3) Chloromethane               | 1.25 | 50  | 55368  | 4.719 ug/L  | 100    |
| 5) Vinyl chloride              | 1.33 | 62  | 57796  | 5.367 ug/L  | 98     |
| 6) Bromomethane                | 1.54 | 94  | 32583  | 4.851 ug/L  | 99     |
| 8) Chloroethane                | 1.60 | 64  | 31132  | 4.934 ug/L  | 99     |
| 9) Trichlorofluoromethane      | 1.77 | 101 | 81370  | 5.483 ug/L  | 100    |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.15 | 101 | 47439  | 5.478 ug/L  | 97     |
| 12) 1,1-Dichloroethene         | 2.15 | 96  | 42071  | 5.330 ug/L  | 95     |
| 13) Acetone                    | 2.22 | 43  | 76651  | 54.310 ug/L | 96     |
| 14) Carbon disulfide           | 2.32 | 76  | 113284 | 4.598 ug/L  | 98     |
| 15) Methyl Acetate             | 2.47 | 43  | 17797  | 5.040 ug/L  | 100    |
| 16) Methylene chloride         | 2.54 | 84  | 44754  | 4.657 ug/L  | 98     |
| 17) Methyl tert-butyl Ether    | 2.81 | 73  | 104257 | 4.963 ug/L  | 98     |
| 18) trans-1,2-Dichloroethene   | 2.79 | 96  | 44927  | 5.243 ug/L  | 94     |
| 19) 1,1-Dichloroethane         | 3.23 | 63  | 108555 | 5.006 ug/L  | 98     |
| 21) 2-Butanone                 | 4.05 | 43  | 152303 | 48.198 ug/L | 98     |
| 22) cis-1,2-Dichloroethene     | 3.97 | 96  | 64652  | 4.999 ug/L  | 98     |

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Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00577

Quant Time: Nov 22 00:42:12 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR111718WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Nov 22 00:36:45 2018  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 23) Bromochloromethane         | 4.31  | 128  | 25271    | 5.077  | ug/L   | 98       |
| 25) Chloroform                 | 4.43  | 83   | 114086   | 4.165  | ug/L   | 98       |
| 27) 1,2-Dichloroethane         | 5.19  | 62   | 67092    | 4.909  | ug/L   | 100      |
| 29) 1,1,1-Trichloroethane      | 4.66  | 97   | 91494    | 4.625  | ug/L   | 99       |
| 30) Cyclohexane                | 4.73  | 56   | 100588   | 4.572  | ug/L   | 98       |
| 31) Carbon tetrachloride       | 4.88  | 117  | 74679    | 4.439  | ug/L   | 99       |
| 33) Benzene                    | 5.15  | 78   | 240553   | 4.842  | ug/L   | 100      |
| 34) Trichloroethene            | 5.96  | 95   | 65954    | 5.023  | ug/L   | 96       |
| 35) Methylcyclohexane          | 6.18  | 83   | 106733   | 4.800  | ug/L   | 97       |
| 37) 1,2-Dichloropropane        | 6.23  | 63   | 63656    | 4.875  | ug/L   | 99       |
| 38) Bromodichloromethane       | 6.56  | 83   | 65535    | 4.113  | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene    | 7.07  | 75   | 78033    | 4.445  | ug/L   | 97       |
| 40) 4-Methyl-2-pentanone       | 7.28  | 43   | 350223   | 45.820 | ug/L   | 98       |
| 42) Toluene                    | 7.43  | 91   | 254621   | 4.918  | ug/L   | 96       |
| 44) trans-1,3-Dichloropropene  | 7.70  | 75   | 60485    | 4.230  | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane      | 7.89  | 97   | 40576    | 4.883  | ug/L   | 96       |
| 47) Tetrachloroethene          | 8.02  | 164  | 48991    | 5.156  | ug/L   | 99       |
| 48) 2-Hexanone                 | 8.19  | 43   | 248491   | 48.167 | ug/L   | 99       |
| 49) Dibromochloromethane       | 8.29  | 129  | 40414    | 4.276  | ug/L   | 94       |
| 50) 1,2-Dibromoethane          | 8.40  | 107  | 37496    | 4.992  | ug/L # | 97       |
| 51) Chlorobenzene              | 8.93  | 112  | 158505   | 4.963  | ug/L   | 99       |
| 52) Ethylbenzene               | 9.06  | 91   | 277768   | 4.874  | ug/L   | 100      |
| 53) m,p-xylene                 | 9.18  | 106  | 104339   | 4.953  | ug/L   | 96       |
| 54) o-xylene                   | 9.59  | 106  | 100460   | 4.900  | ug/L   | 98       |
| 55) Styrene                    | 9.60  | 104  | 168974   | 5.106  | ug/L   | 98       |
| 56) Isopropylbenzene           | 9.98  | 105  | 271228   | 4.927  | ug/L   | 100      |
| 58) 1,1,2,2-Tetrachloroethane  | 10.29 | 83   | 47604    | 4.853  | ug/L   | 98       |
| 59) 1,2,3-Trichloropropane     | 10.32 | 75   | 36032    | 4.865  | ug/L   | 99       |
| 61) Bromoform                  | 9.78  | 173  | 18247    | 3.753  | ug/L   | 98       |
| 62) 1,3-Dichlorobenzene        | 11.23 | 146  | 122590   | 4.974  | ug/L   | 98       |
| 63) 1,4-Dichlorobenzene        | 11.32 | 146  | 120512   | 4.961  | ug/L   | 98       |
| 65) 1,2-Dichlorobenzene        | 11.69 | 146  | 113931   | 4.855  | ug/L   | 98       |
| 66) 1,2-Dibromo-3-chloropropan | 12.48 | 75   | 6244     | 4.158  | ug/L   | 93       |
| 67) 1,3,5-Trichlorobenzene     | 12.69 | 180  | 90429    | 5.066  | ug/L   | 99       |
| 68) 1,2,4-trichlorobenzene     | 13.31 | 180  | 70623    | 4.910  | ug/L   | 99       |
| 69) Naphthalene                | 13.56 | 128  | 99958    | 4.278  | ug/L   | 99       |
| 70) 1,2,3-Trichlorobenzene     | 13.80 | 180  | 66441    | 5.007  | ug/L   | 100      |

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

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```
ALS Vial      : 21      Sample Multiplier: 1
```

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
VSTD00577

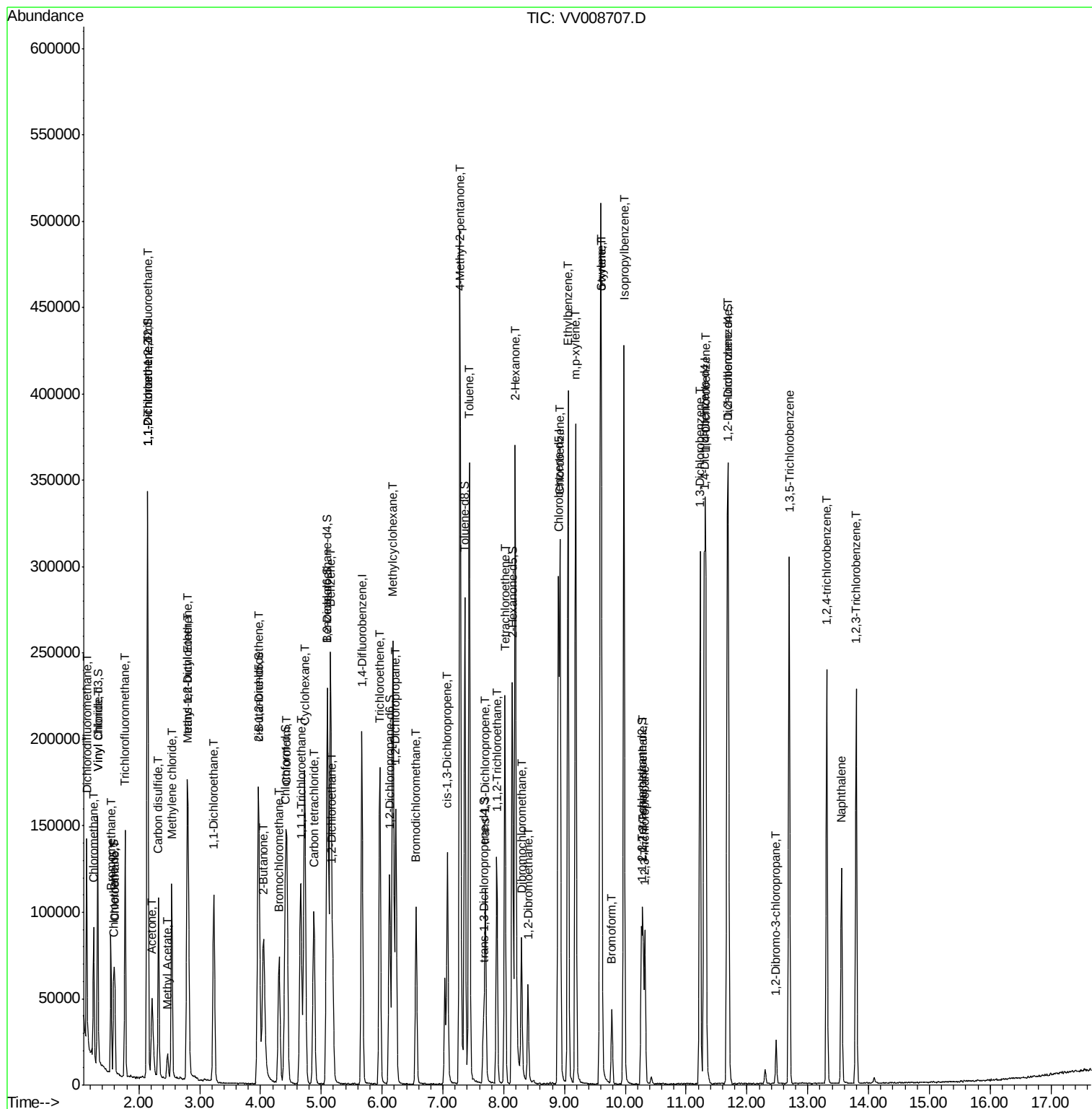
Quant Time: Nov 22 00:42:12 2018

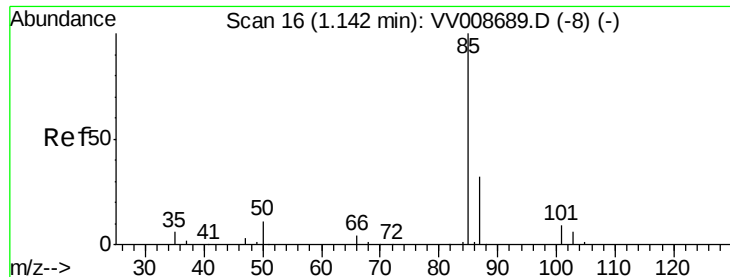
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOMVTR111718WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Thu Nov 22 00:36:45 2018

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 4.937 ug/L

RT: 1.14 min Scan# 16

Delta R.T. -0.00 min

Lab File: VV008707.D

Acq: 21 Nov 2018 18:18

Instrument :

MSVOA\_V

ClientSampleId :

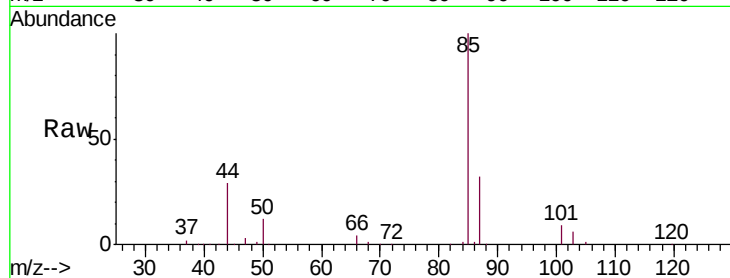
VSTD00577

Tgt Ion: 85 Resp: 69298

Ion Ratio Lower Upper

85 100

87 32.7 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV008689.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV008689.D (-8) (-)

1.14

80000

60000

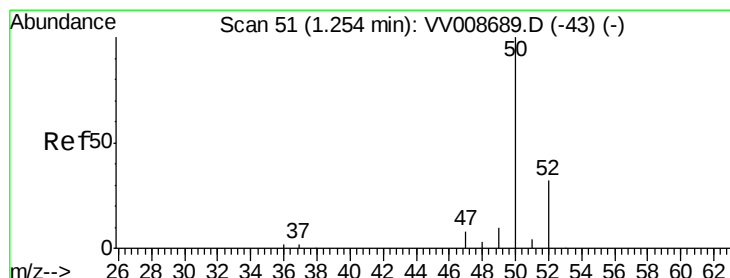
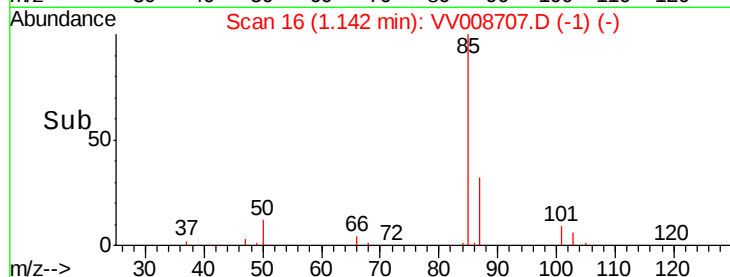
40000

20000

0

Time-->

1.10 1.15 1.20 1.25



#3

Chloromethane

Concen: 4.719 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV008707.D

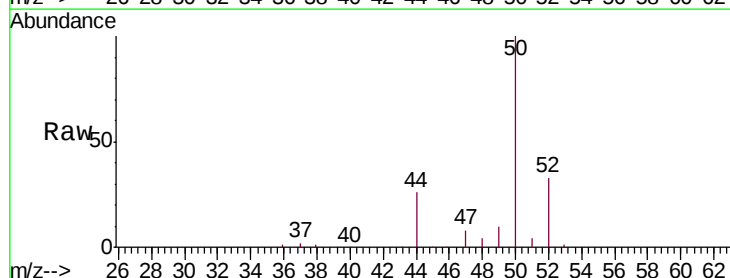
Acq: 21 Nov 2018 18:18

Tgt Ion: 50 Resp: 55368

Ion Ratio Lower Upper

50 100

52 33.2 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV008689.D (-43) (-)

Ion 52.05 (51.75 to 52.75): VV008689.D (-43) (-)

1.25

50000

40000

30000

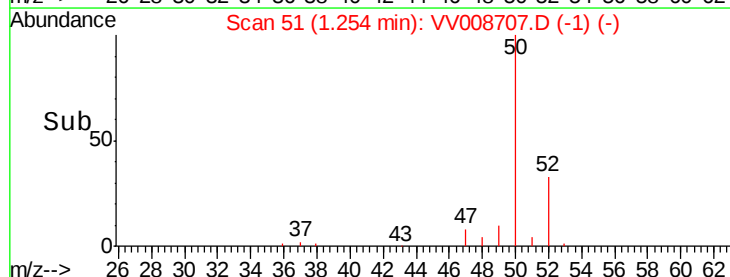
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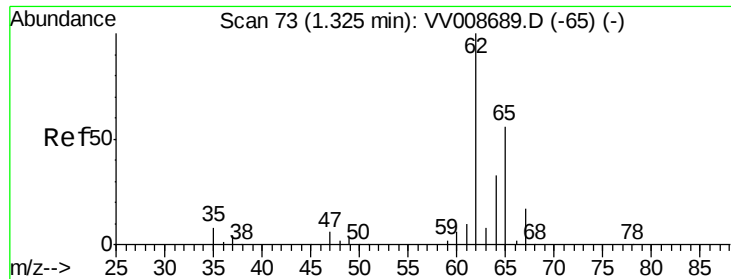
10000

0

Time-->

1.20 1.25 1.30





#5

Vinyl chloride

Concen: 5.367 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008707.D

Acq: 21 Nov 2018 18:18

Instrument :

MSVOA\_V

ClientSampleId :

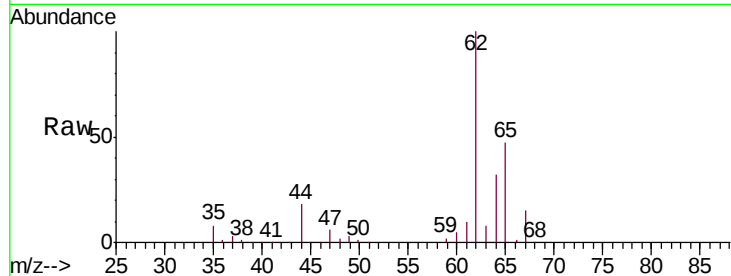
VSTD00577

Tgt Ion: 62 Resp: 57796

Ion Ratio Lower Upper

62 100

64 32.2 23.4 43.4



Abundance Ion 62.00 (61.70 to 62.70): VV008689.D (-65) (-)

Ion 64.10 (63.80 to 64.80): VV008689.D (-65) (-)

1.33

60000

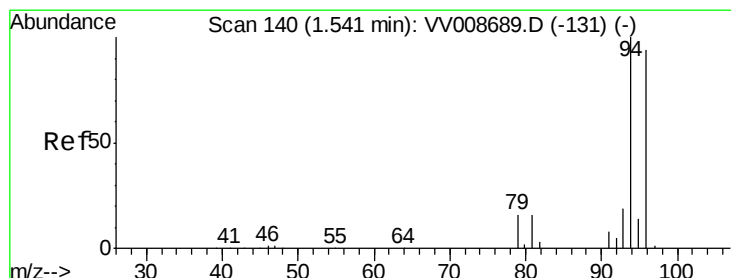
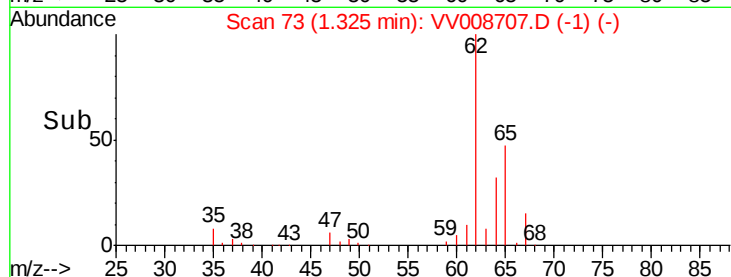
40000

20000

0

1.25 1.30 1.35 1.40

Time-->



#6

Bromomethane

Concen: 4.851 ug/L

RT: 1.54 min Scan# 140

Delta R.T. -0.00 min

Lab File: VV008707.D

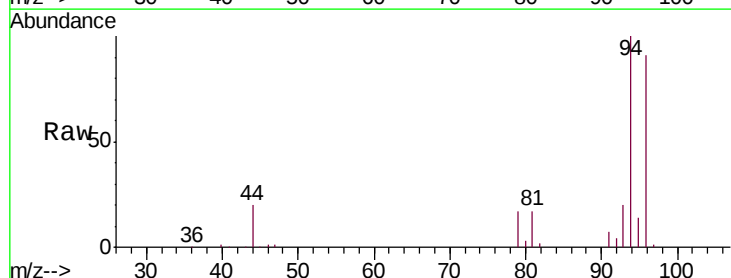
Acq: 21 Nov 2018 18:18

Tgt Ion: 94 Resp: 32583

Ion Ratio Lower Upper

94 100

96 91.2 63.2 117.4



Abundance Ion 94.00 (93.70 to 94.70): VV008689.D (-131) (-)

Ion 96.00 (95.70 to 96.70): VV008689.D (-131) (-)

1.54

30000

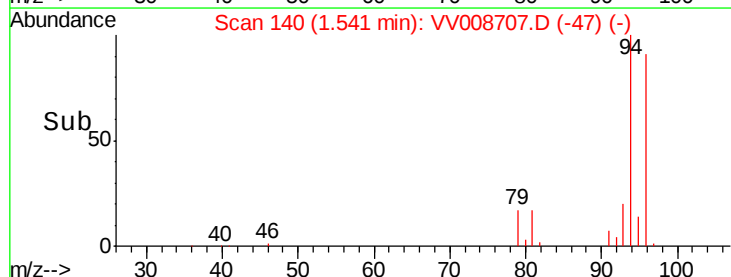
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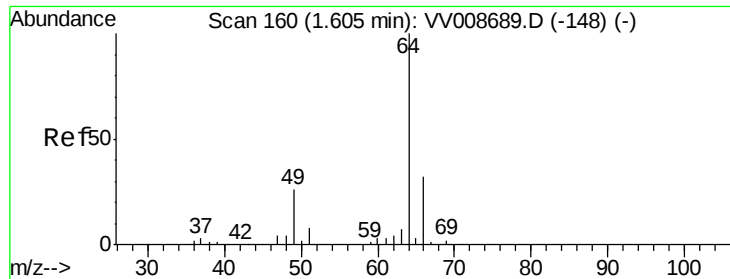
10000

0

1.50 1.55 1.60

Time-->





#8

Chloroethane

Concen: 4.934 ug/L

RT: 1.60 min Scan# 160

Delta R.T. -0.00 min

Lab File: VV008707.D

Acq: 21 Nov 2018 18:18

Instrument :

MSVOA\_V

ClientSampleId :

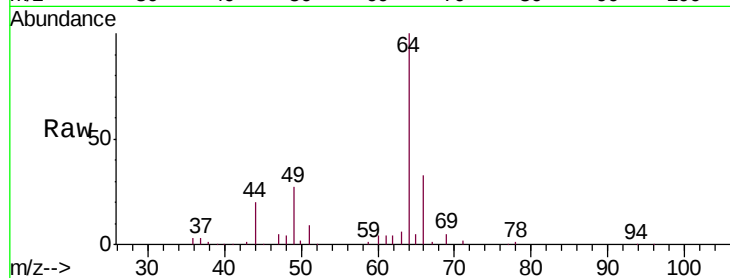
VSTD00577

Tgt Ion: 64 Resp: 31132

Ion Ratio Lower Upper

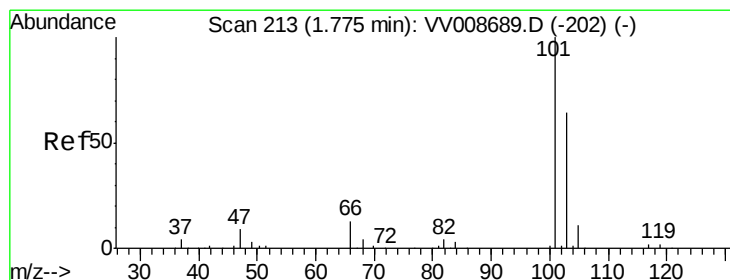
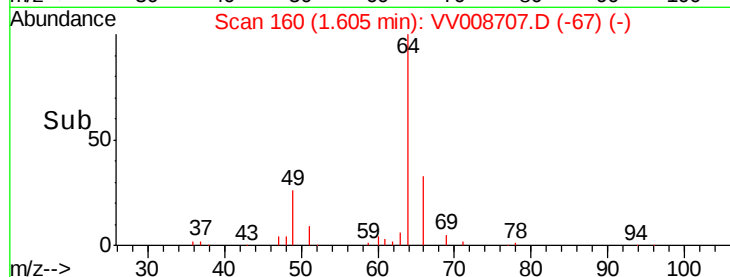
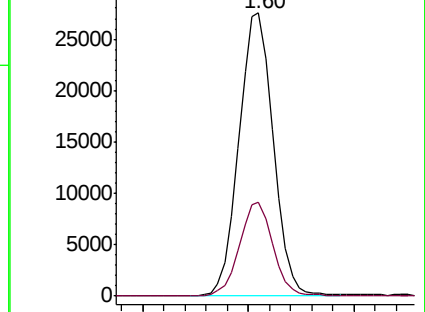
64 100

66 33.0 22.7 42.3



Abundance Ion 64.10 (63.80 to 64.80): VV008689.D (-148) (-)

Ion 66.05 (65.75 to 66.75): VV008689.D (-148) (-)



#9

Trichlorofluoromethane

Concen: 5.483 ug/L

RT: 1.77 min Scan# 212

Delta R.T. -0.00 min

Lab File: VV008707.D

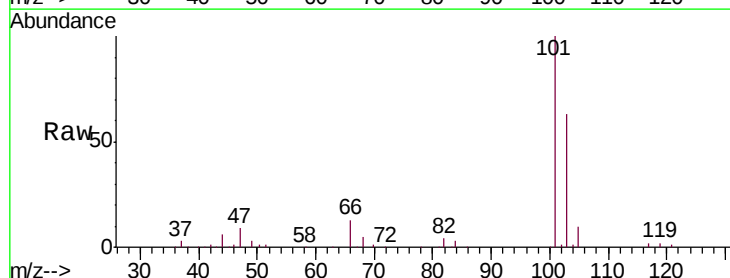
Acq: 21 Nov 2018 18:18

Tgt Ion: 101 Resp: 81370

Ion Ratio Lower Upper

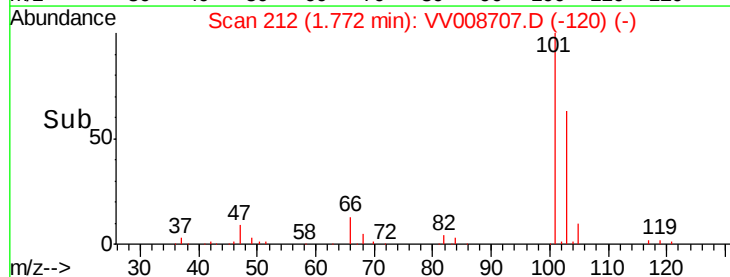
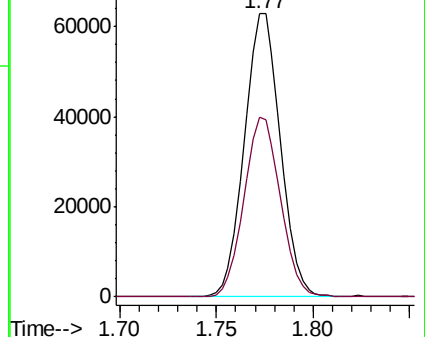
101 100

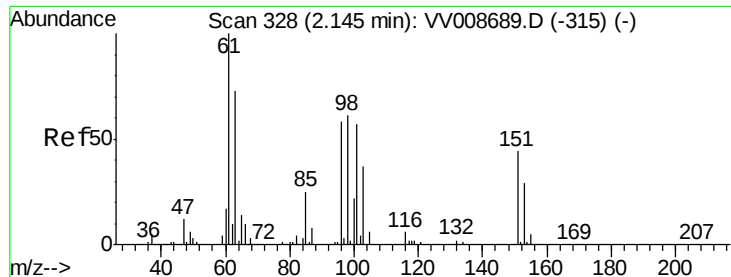
103 64.2 51.1 76.7



Abundance Ion 101.00 (100.70 to 101.70): VV008689.D (-202) (-)

Ion 103.00 (102.70 to 103.70): VV008689.D (-202) (-)





#10

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

Concen: 5.478 ug/L

RT: 2.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV008707.D

Acq: 21 Nov 2018 18:18

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MSVOA\_V

ClientSampleId :

VSTD00577

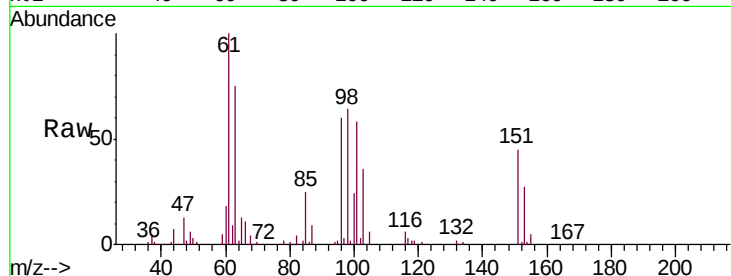
Tgt Ion: 101 Resp: 47439

Ion Ratio Lower Upper

101 100

85 43.1 35.4 53.0

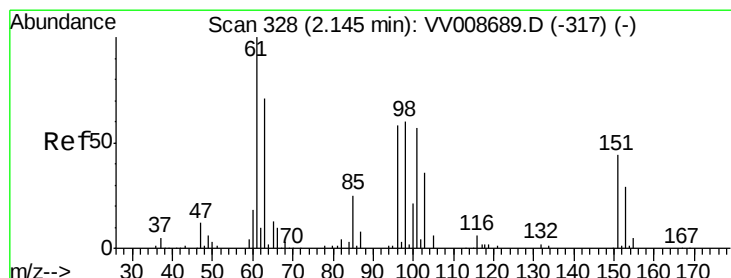
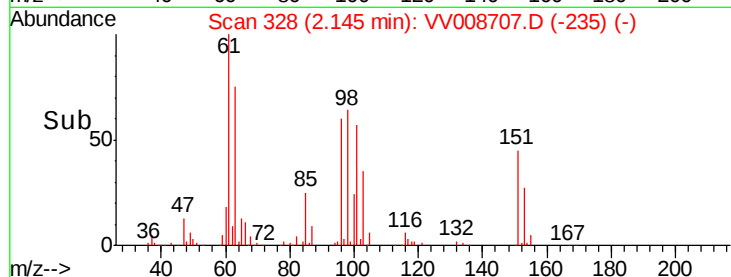
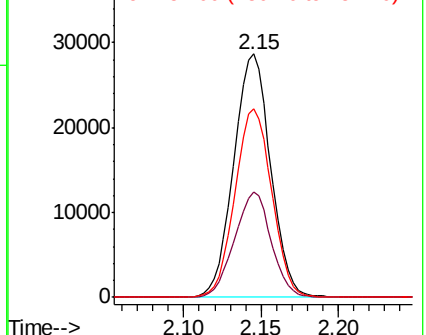
151 77.3 59.4 89.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 5.330 ug/L

RT: 2.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV008707.D

Acq: 21 Nov 2018 18:18

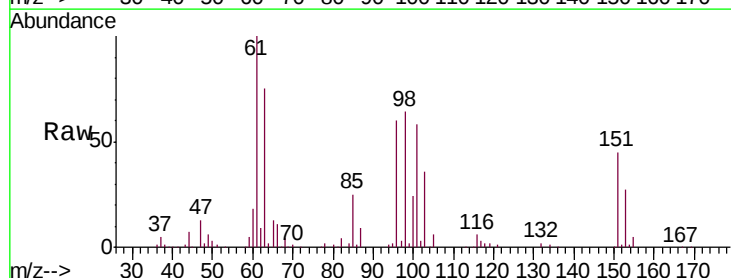
Tgt Ion: 96 Resp: 42071

Ion Ratio Lower Upper

96 100

61 166.0 120.3 223.5

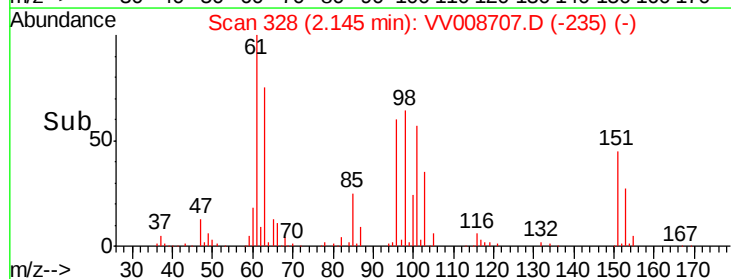
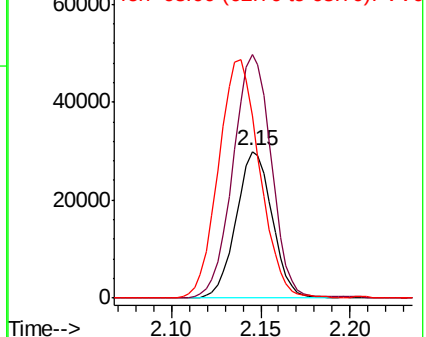
63 124.6 82.5 153.3

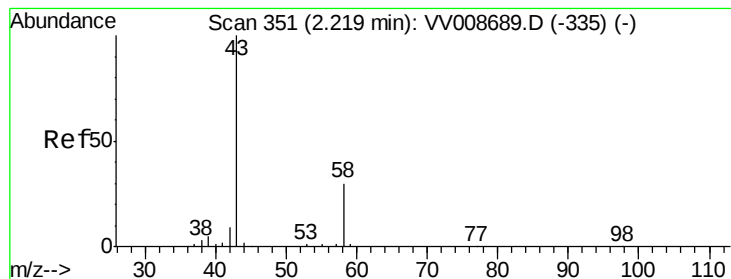


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 54.310 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.00 min

Lab File: VV008707.D

Acq: 21 Nov 2018 18:18

Instrument :

MSVOA\_V

ClientSampleId :

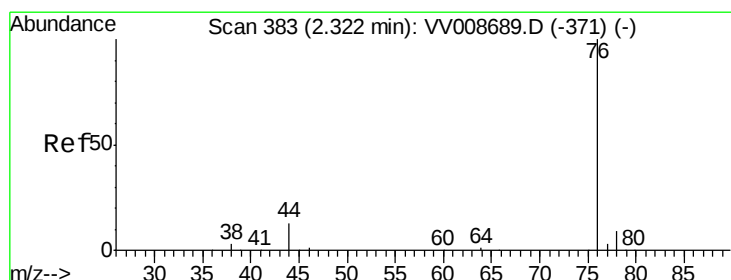
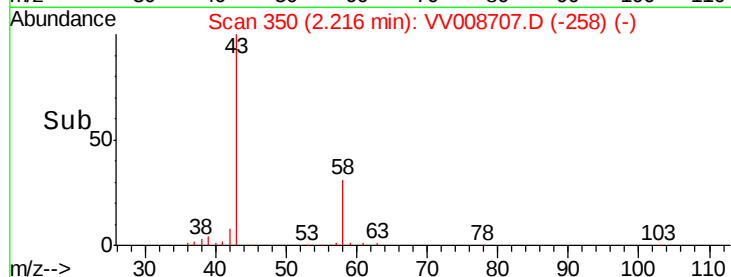
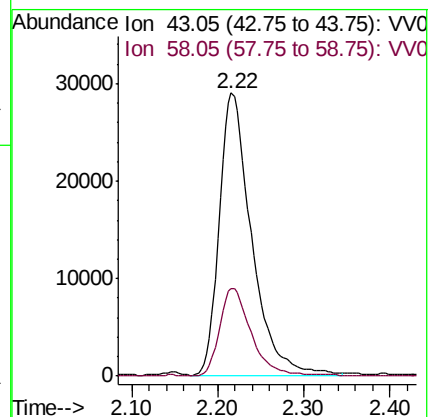
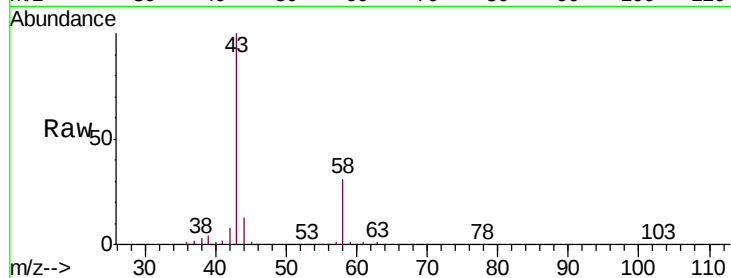
VSTD00577

Tgt Ion: 43 Resp: 76651

Ion Ratio Lower Upper

43 100

58 30.1 0.0 56.4



#14

Carbon disulfide

Concen: 4.598 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VV008707.D

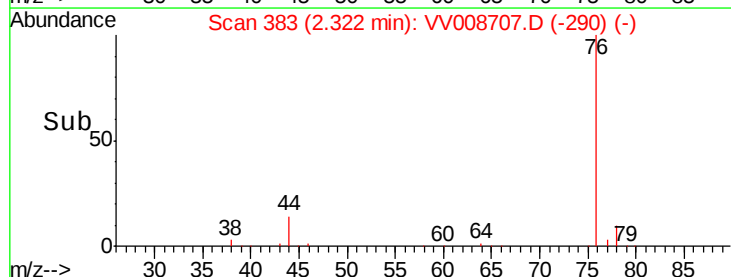
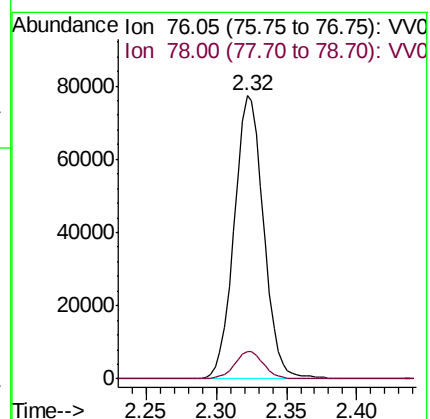
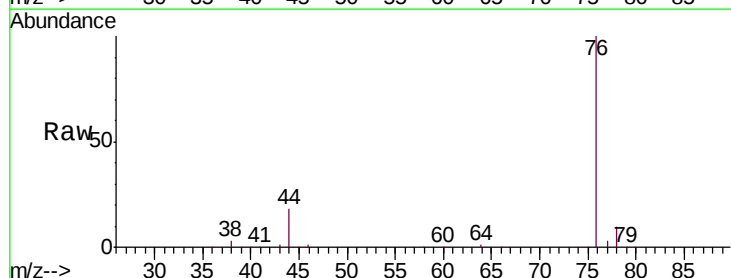
Acq: 21 Nov 2018 18:18

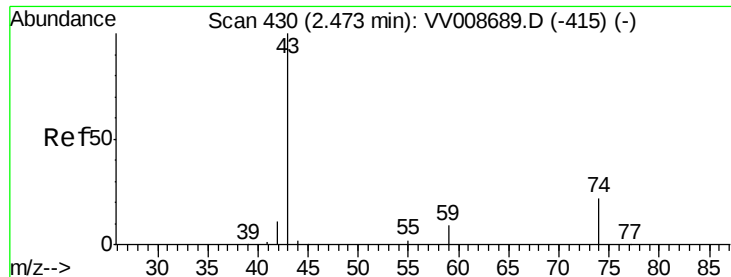
Tgt Ion: 76 Resp: 113284

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.6





#15

Methyl Acetate

Concen: 5.040 ug/L

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VV008707.D

Acq: 21 Nov 2018 18:18

Instrument :

MSVOA\_V

ClientSampled :

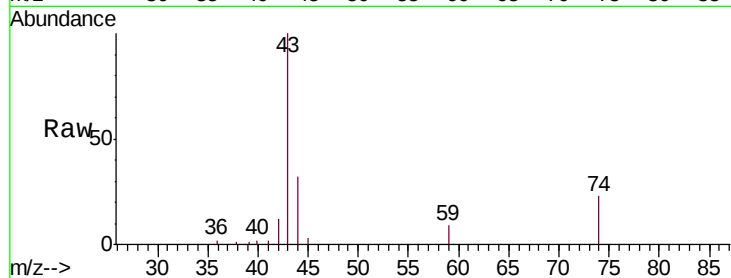
VSTD00577

Tgt Ion: 43 Resp: 17797

Ion Ratio Lower Upper

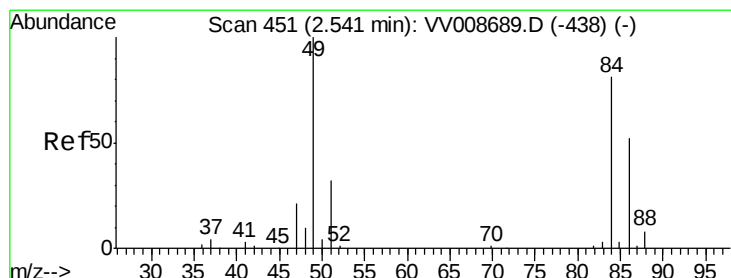
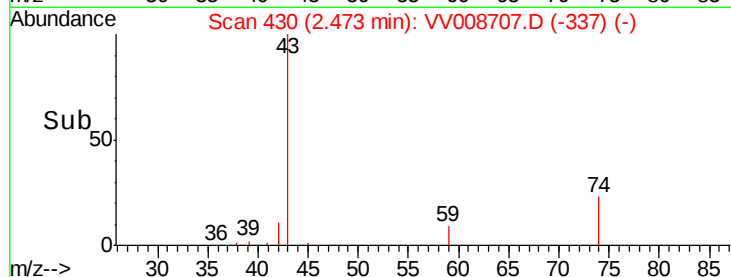
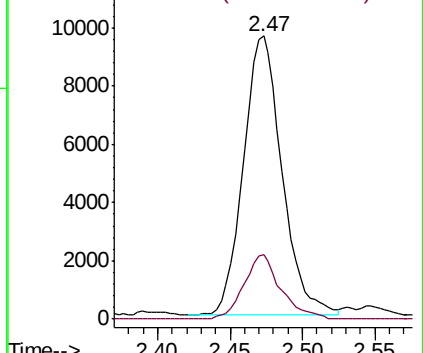
43 100

74 22.1 17.6 26.4



Abundance Ion 43.05 (42.75 to 43.75): VV008689.D (-415) (-)

Ion 74.05 (73.75 to 74.75): VV008689.D (-415) (-)



#16

Methylene chloride

Concen: 4.657 ug/L

RT: 2.54 min Scan# 451

Delta R.T. -0.00 min

Lab File: VV008707.D

Acq: 21 Nov 2018 18:18

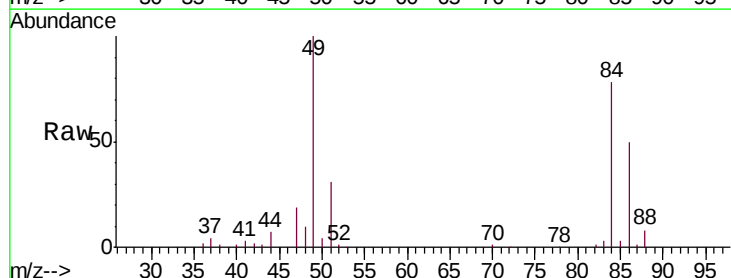
Tgt Ion: 84 Resp: 44754

Ion Ratio Lower Upper

84 100

86 64.5 44.8 83.2

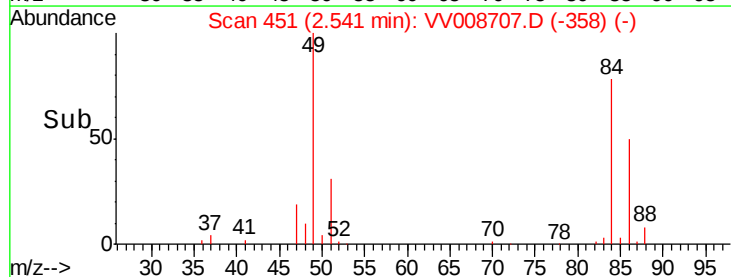
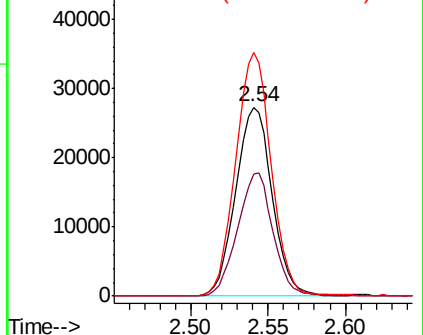
49 128.9 88.1 163.7

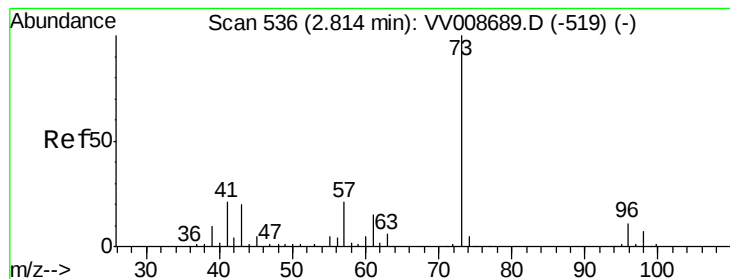


Abundance Ion 84.05 (83.75 to 84.75): VV008689.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV008689.D (-438) (-)

Ion 49.10 (48.80 to 49.80): VV008689.D (-438) (-)





#17

Methyl tert-butyl Ether

Concen: 4.963 ug/L

RT: 2.81 min Scan# 536

Delta R.T. -0.00 min

Lab File: VV008707.D

Acq: 21 Nov 2018 18:18

Instrument :

MSVOA\_V

ClientSampleId :

VSTD00577

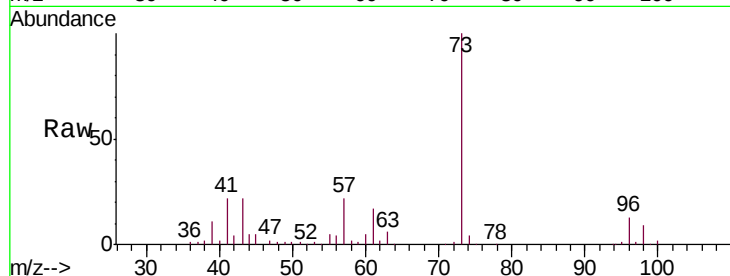
Tgt Ion: 73 Resp: 104257

Ion Ratio Lower Upper

73 100

43 21.5 18.1 27.1

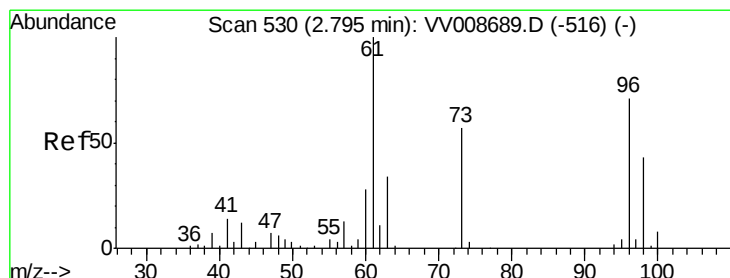
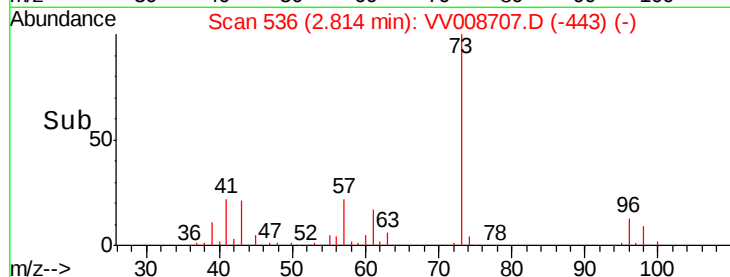
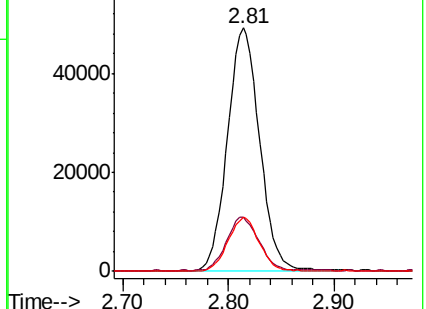
57 21.6 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VV008689.D (-519) (-)

Ion 43.05 (42.75 to 43.75): VV008689.D (-519) (-)

Ion 57.10 (56.80 to 57.80): VV008689.D (-519) (-)



#18

trans-1,2-Dichloroethene

Concen: 5.243 ug/L

RT: 2.79 min Scan# 530

Delta R.T. -0.00 min

Lab File: VV008707.D

Acq: 21 Nov 2018 18:18

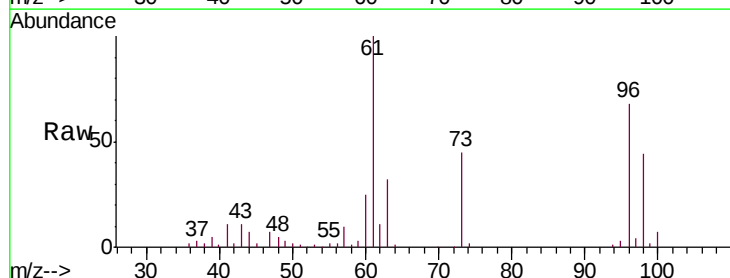
Tgt Ion: 96 Resp: 44927

Ion Ratio Lower Upper

96 100

61 146.2 97.1 180.3

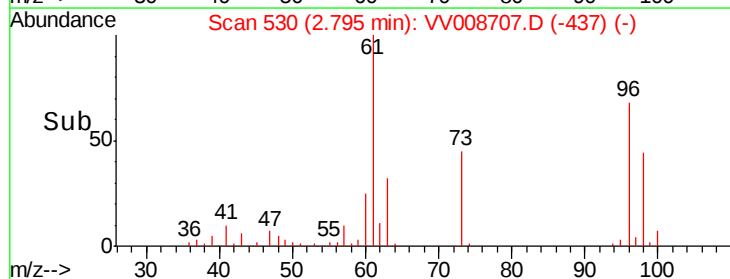
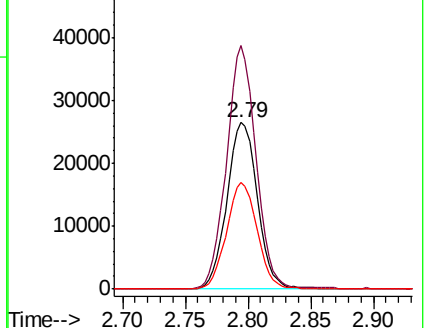
98 64.3 41.9 77.7

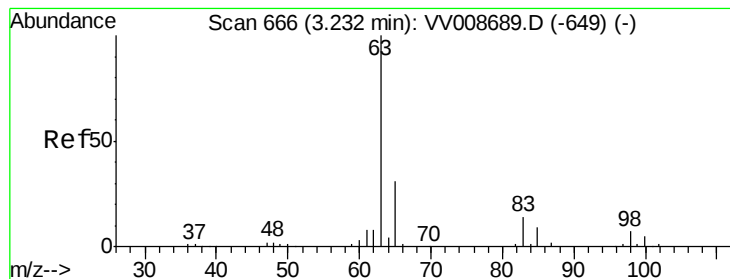


Abundance Ion 96.00 (95.70 to 96.70): VV008689.D (-516) (-)

Ion 61.05 (60.75 to 61.75): VV008689.D (-516) (-)

Ion 97.95 (97.65 to 98.65): VV008689.D (-516) (-)





#19

1,1-Dichloroethane

Concen: 5.006 ug/L

RT: 3.23 min Scan# 666

Delta R.T. -0.00 min

Lab File: VV008707.D

Acq: 21 Nov 2018 18:18

Instrument :

MSVOA\_V

ClientSampleId :

VSTD00577

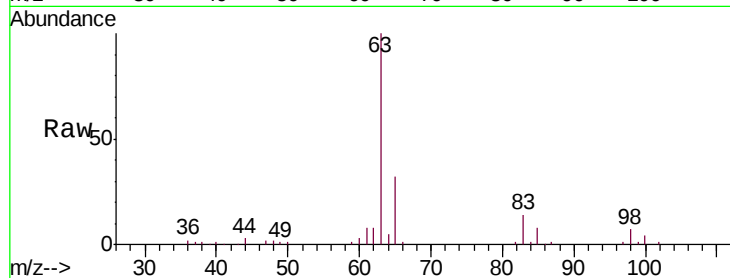
Tgt Ion: 63 Resp: 108555

Ion Ratio Lower Upper

63 100

65 31.9 23.2 43.0

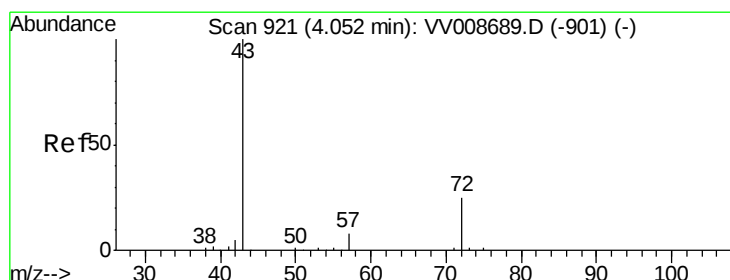
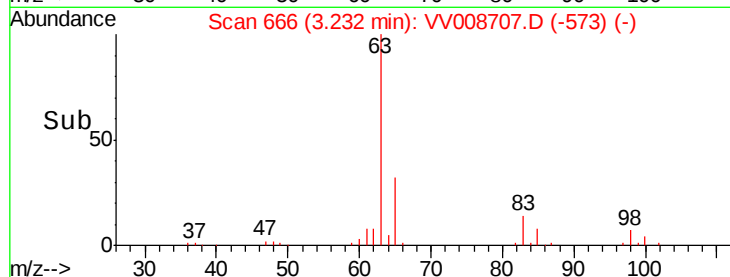
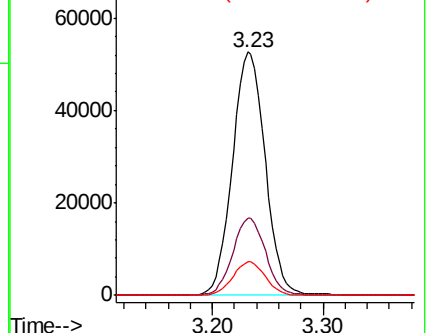
83 14.0 9.5 17.7



Abundance Ion 63.10 (62.80 to 63.80): VV008707.D (-649) (-)

Ion 65.10 (64.80 to 65.80): VV008707.D (-649) (-)

Ion 83.05 (82.75 to 83.75): VV008707.D (-649) (-)



#21

2-Butanone

Concen: 48.198 ug/L

RT: 4.05 min Scan# 920

Delta R.T. -0.00 min

Lab File: VV008707.D

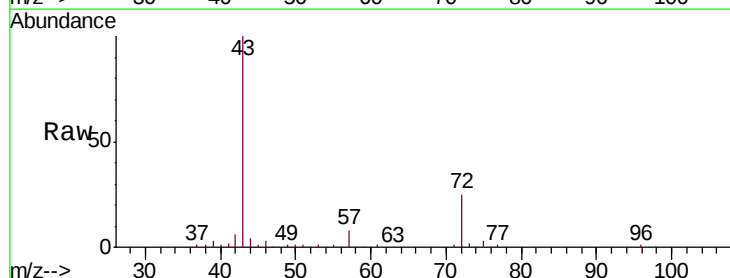
Acq: 21 Nov 2018 18:18

Tgt Ion: 43 Resp: 152303

Ion Ratio Lower Upper

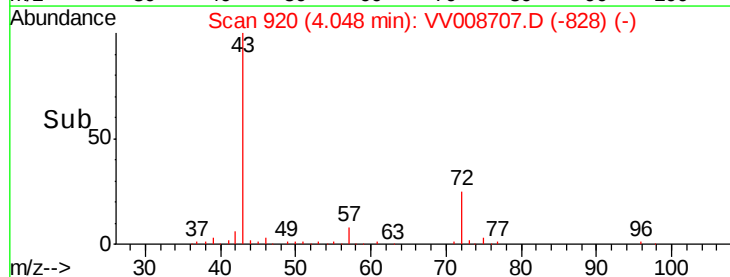
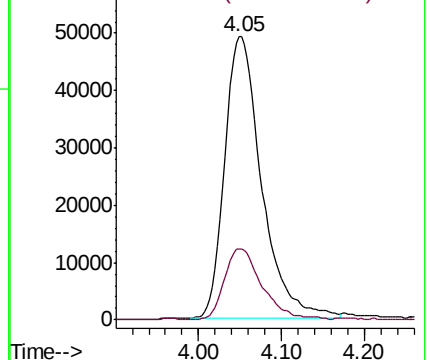
43 100

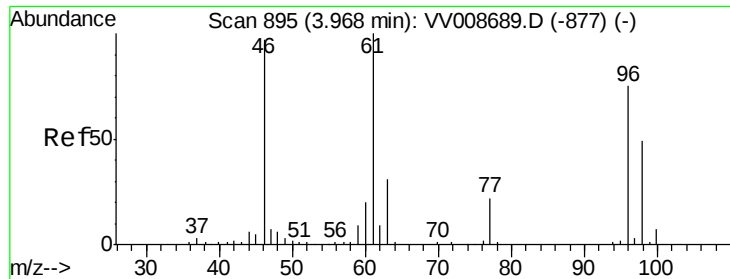
72 25.4 12.3 36.9



Abundance Ion 43.05 (42.75 to 43.75): VV008707.D (-828) (-)

Ion 72.10 (71.80 to 72.80): VV008707.D (-828) (-)



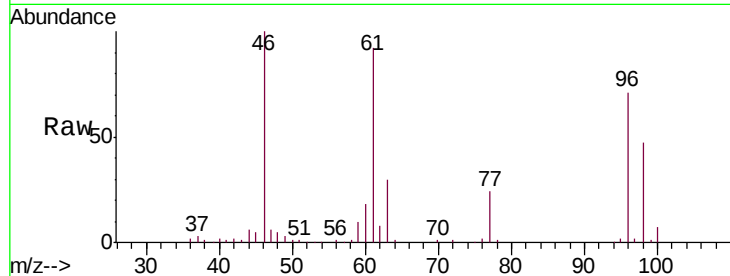


#22

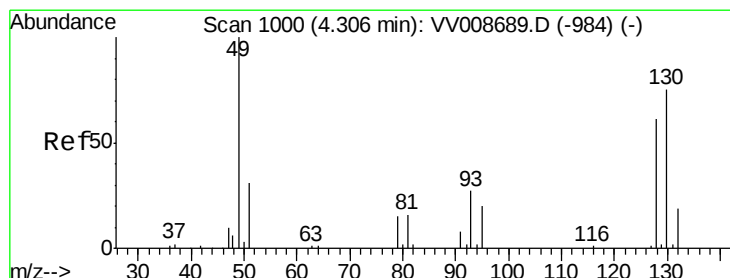
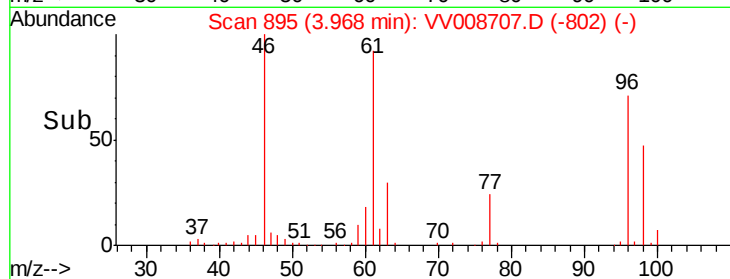
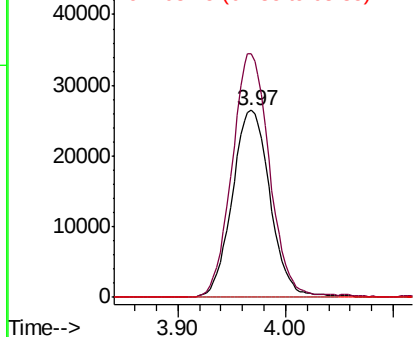
cis-1,2-Dichloroethene  
 Concen: 4.999 ug/L  
 RT: 3.97 min Scan# 895  
 Delta R.T. -0.00 min  
 Lab File: VV008707.D  
 Acq: 21 Nov 2018 18:18

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00577

Tgt Ion: 96 Resp: 64652  
 Ion Ratio Lower Upper  
 96 100  
 61 130.2 93.2 173.2  
 68 0.0 0.0 0.0



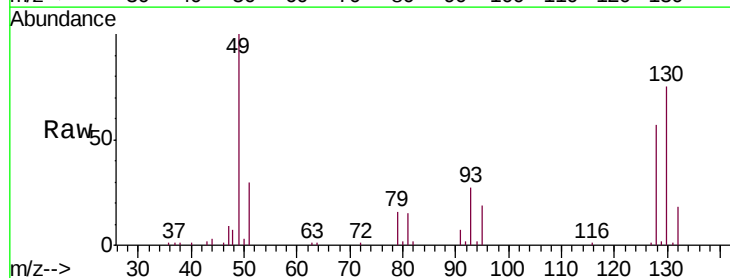
Abundance Ion 96.00 (95.70 to 96.70): VV0  
 Ion 61.05 (60.75 to 61.75): VV0  
 Ion 68.15 (67.85 to 68.85): VV0



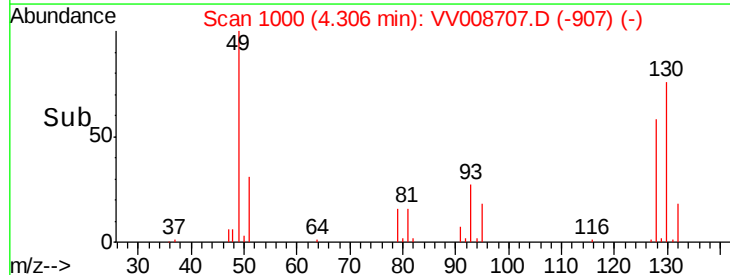
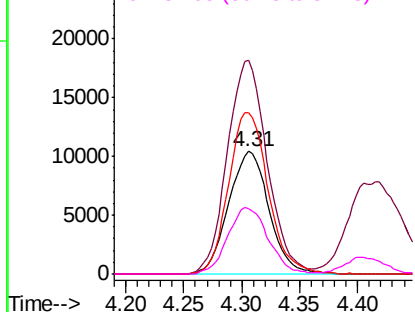
#23

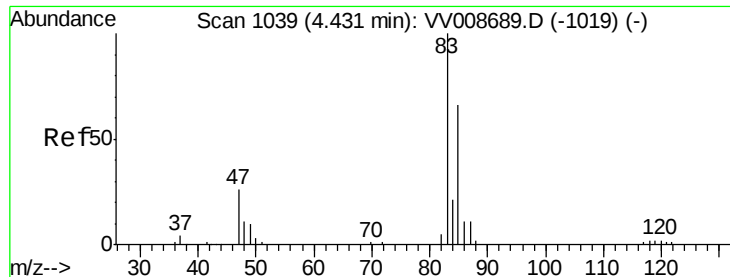
Bromochloromethane  
 Concen: 5.077 ug/L  
 RT: 4.31 min Scan# 1000  
 Delta R.T. -0.00 min  
 Lab File: VV008707.D  
 Acq: 21 Nov 2018 18:18

Tgt Ion: 128 Resp: 25271  
 Ion Ratio Lower Upper  
 128 100  
 49 174.1 120.0 222.8  
 130 131.2 92.3 171.3  
 51 53.1 40.0 60.0



Abundance Ion 127.90 (127.60 to 128.60): V  
 Ion 49.10 (48.80 to 49.80): VV0  
 Ion 129.95 (129.65 to 130.65): V  
 Ion 51.05 (50.75 to 51.75): VV0

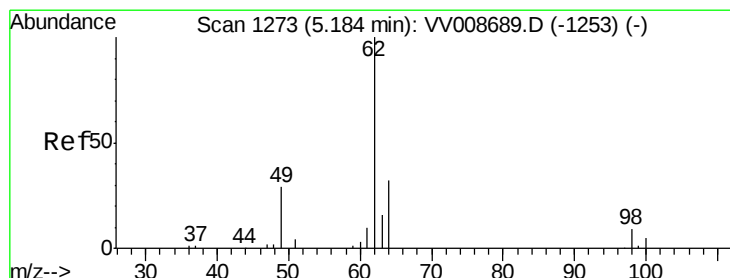
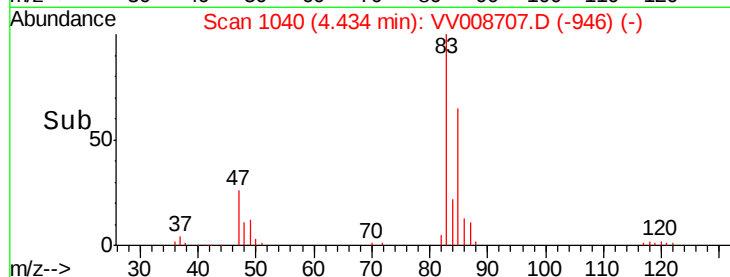
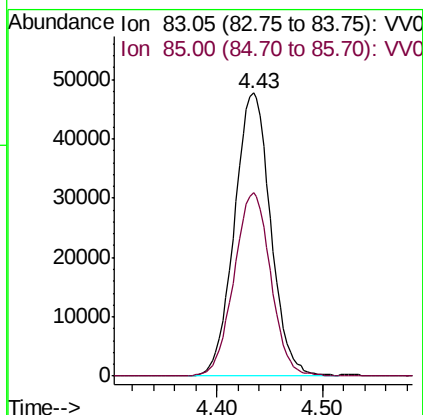
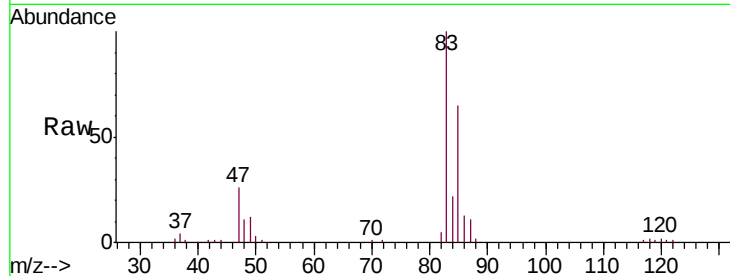




#25  
Chloroform  
Concen: 4.165 ug/L  
RT: 4.43 min Scan# 1040  
Delta R.T. 0.00 min  
Lab File: VV008707.D  
Acq: 21 Nov 2018 18:18

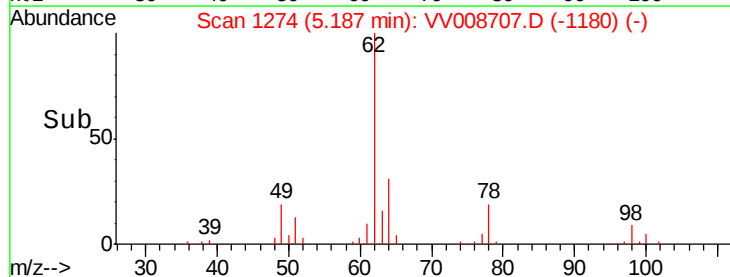
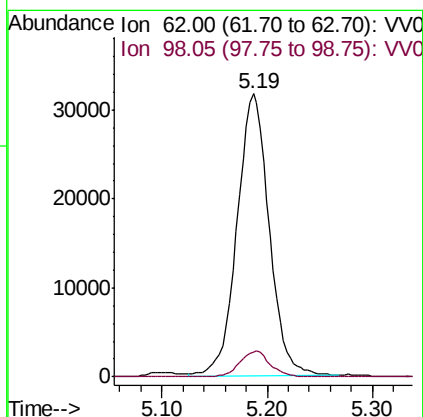
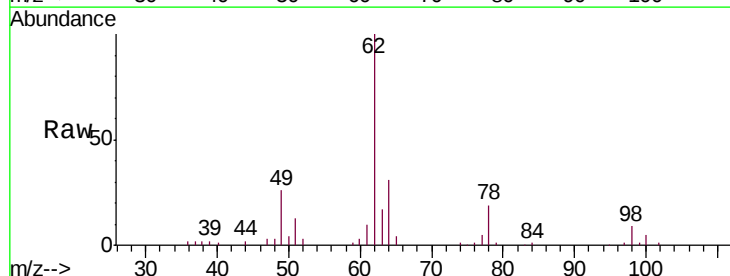
Instrument :  
MSVOA\_V  
ClientSampled :  
VSTD00577

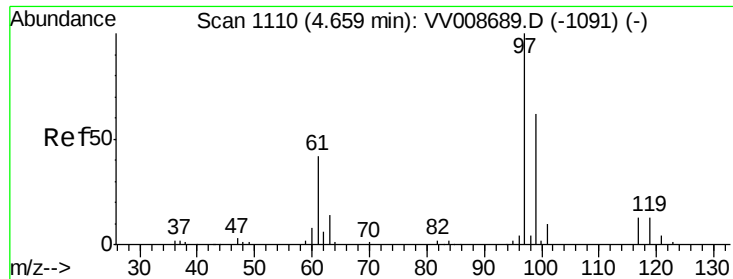
Tgt Ion: 83 Resp: 114086  
Ion Ratio Lower Upper  
83 100  
85 64.8 44.4 82.5



#27  
1,2-Dichloroethane  
Concen: 4.909 ug/L  
RT: 5.19 min Scan# 1274  
Delta R.T. 0.00 min  
Lab File: VV008707.D  
Acq: 21 Nov 2018 18:18

Tgt Ion: 62 Resp: 67092  
Ion Ratio Lower Upper  
62 100  
98 8.9 7.1 10.7

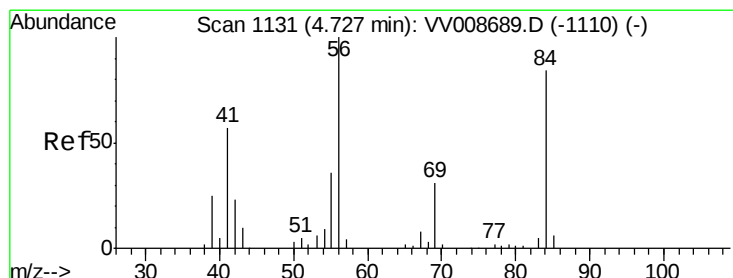
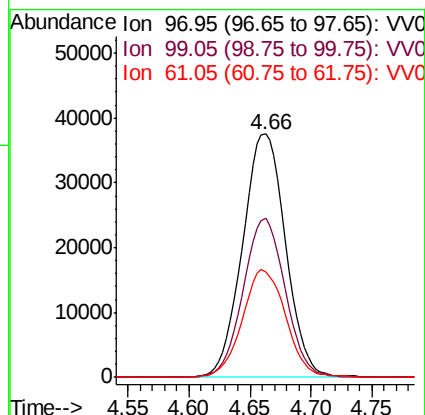
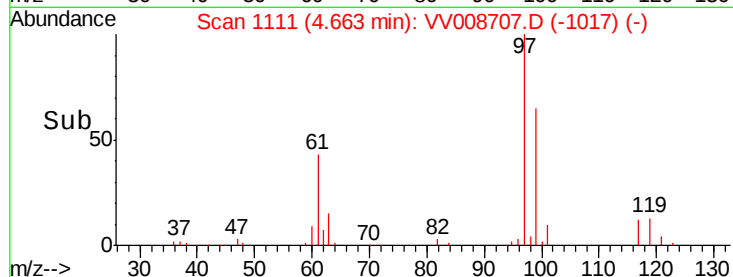
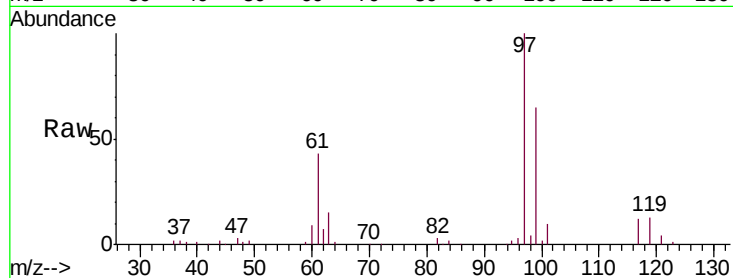




#29  
 1,1,1-Trichloroethane  
 Concen: 4.625 ug/L  
 RT: 4.66 min Scan# 1111  
 Delta R.T. 0.00 min  
 Lab File: VV008707.D  
 Acq: 21 Nov 2018 18:18

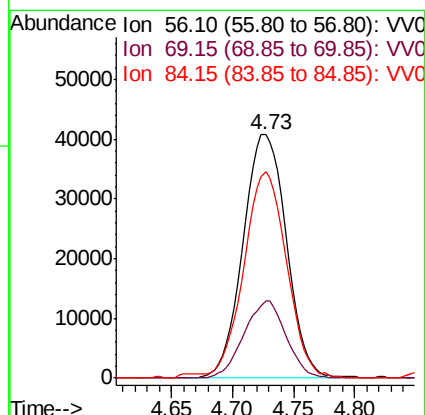
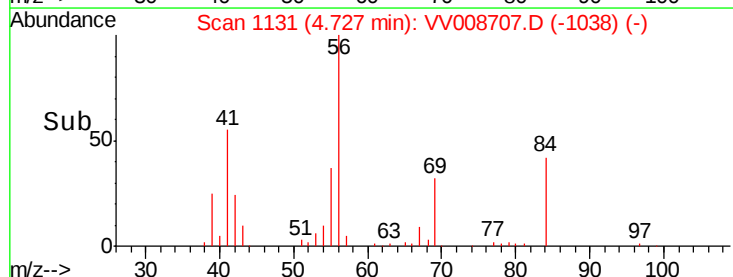
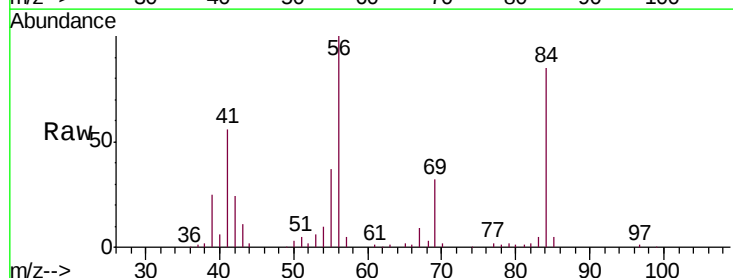
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00577

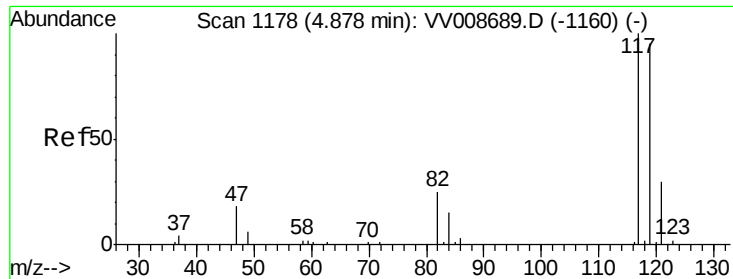
Tgt Ion: 97 Resp: 91494  
 Ion Ratio Lower Upper  
 97 100  
 99 64.1 51.0 76.4  
 61 44.6 34.3 51.5



#30  
 Cyclohexane  
 Concen: 4.572 ug/L  
 RT: 4.73 min Scan# 1131  
 Delta R.T. -0.00 min  
 Lab File: VV008707.D  
 Acq: 21 Nov 2018 18:18

Tgt Ion: 56 Resp: 100588  
 Ion Ratio Lower Upper  
 56 100  
 69 30.7 24.2 36.4  
 84 83.9 65.7 98.5





#31

Carbon tetrachloride

Concen: 4.439 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VV008707.D

Acq: 21 Nov 2018 18:18

Instrument :

MSVOA\_V

ClientSampleId :

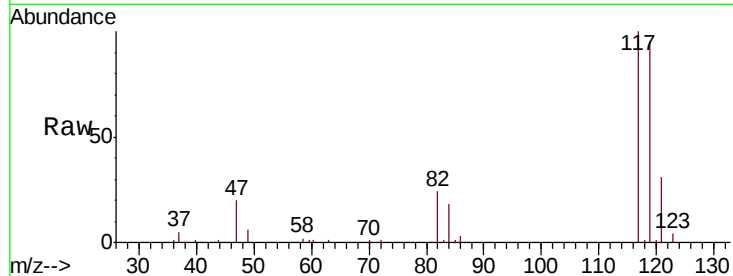
VSTD00577

Tgt Ion:117 Resp: 74679

Ion Ratio Lower Upper

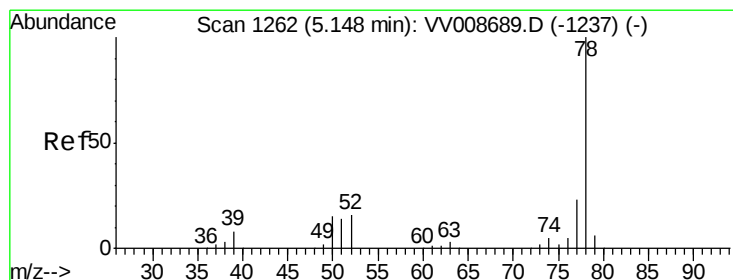
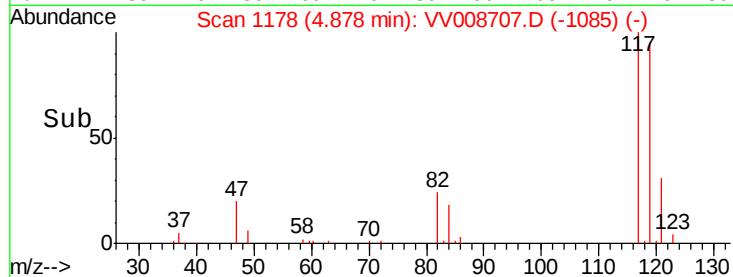
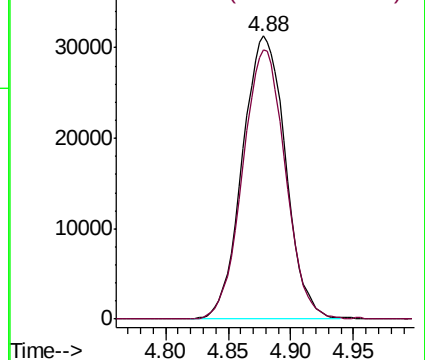
117 100

119 94.2 75.8 113.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 4.842 ug/L

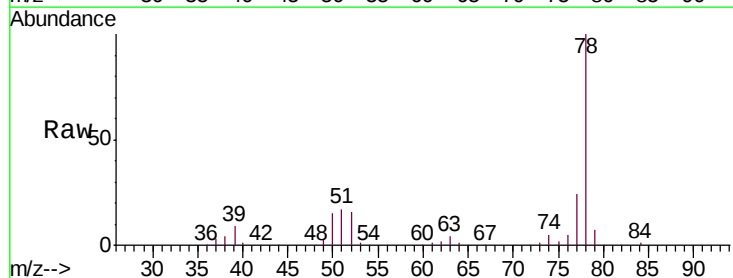
RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

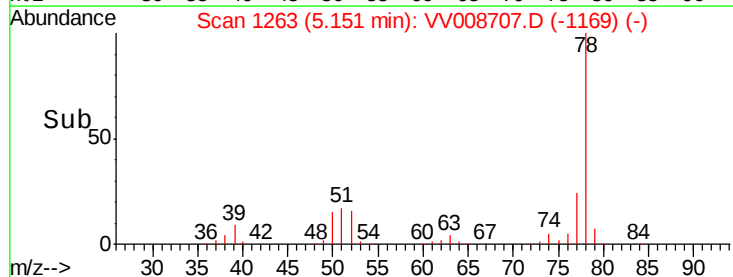
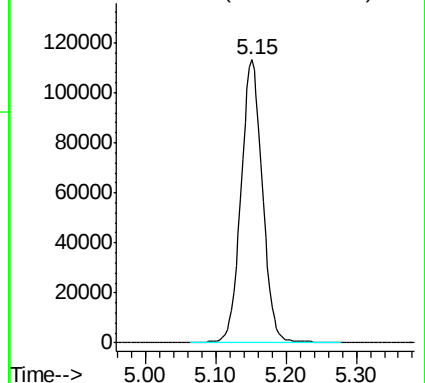
Lab File: VV008707.D

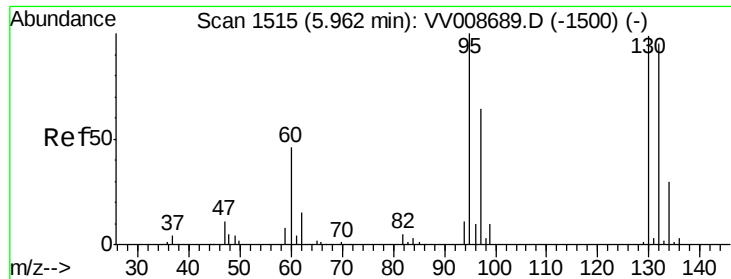
Acq: 21 Nov 2018 18:18

Tgt Ion: 78 Resp: 240553



Abundance Ion 78.10 (77.80 to 78.80): VV0

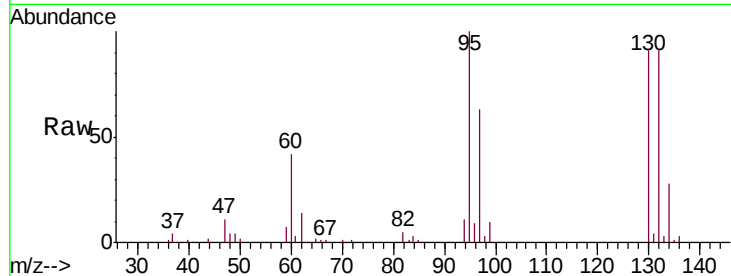




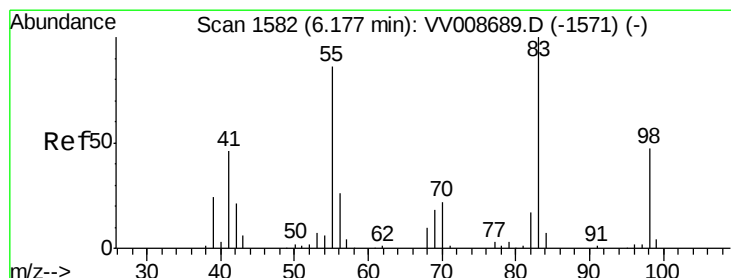
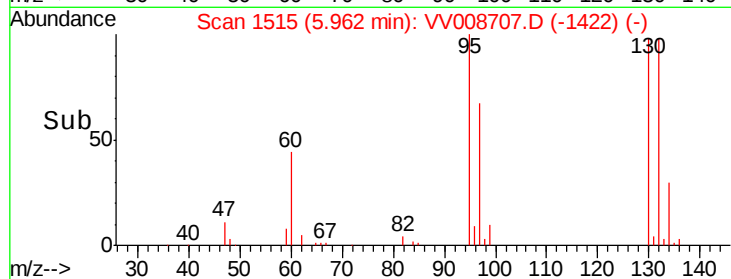
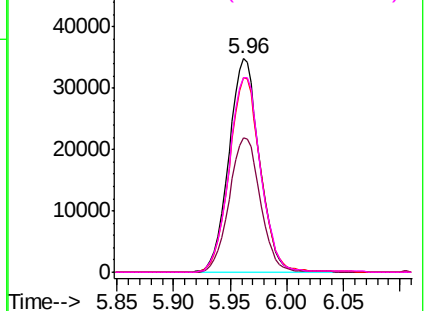
#34  
 Trichloroethene  
 Concen: 5.023 ug/L  
 RT: 5.96 min Scan# 1515  
 Delta R.T. -0.00 min  
 Lab File: VV008707.D  
 Acq: 21 Nov 2018 18:18

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00577

Tgt Ion: 95 Resp: 65954  
 Ion Ratio Lower Upper  
 95 100  
 97 62.6 45.1 83.7  
 132 90.9 66.3 123.1  
 130 91.1 68.0 126.4

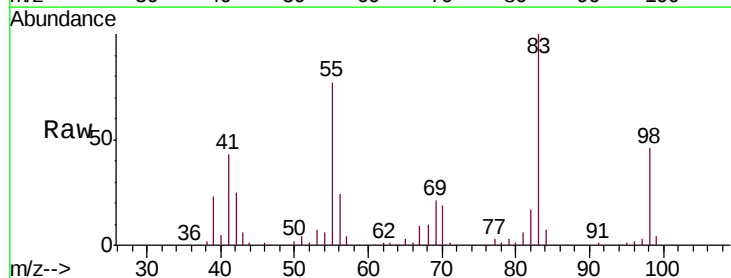


Abundance Ion 95.00 (94.70 to 95.70): VV0  
 Ion 96.95 (96.65 to 97.65): VV0  
 Ion 131.95 (131.65 to 132.65): VV0  
 Ion 129.95 (129.65 to 130.65): VV0

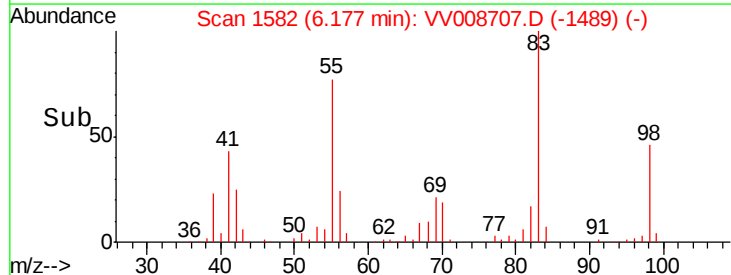
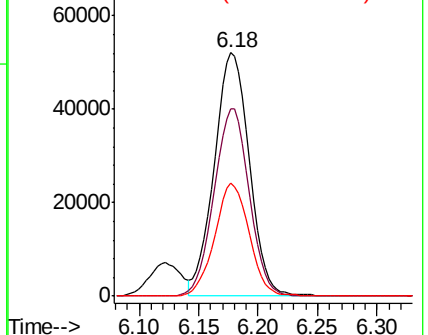


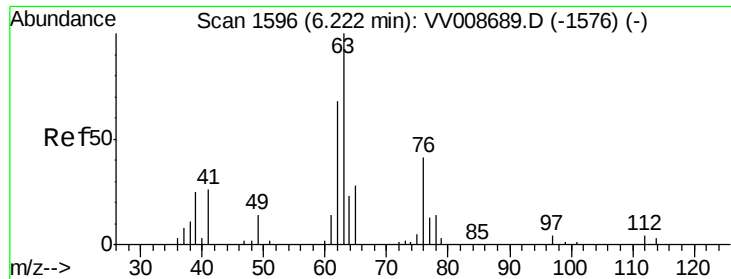
#35  
 Methylcyclohexane  
 Concen: 4.800 ug/L  
 RT: 6.18 min Scan# 1582  
 Delta R.T. -0.00 min  
 Lab File: VV008707.D  
 Acq: 21 Nov 2018 18:18

Tgt Ion: 83 Resp: 106733  
 Ion Ratio Lower Upper  
 83 100  
 55 77.4 65.6 98.4  
 98 45.4 36.4 54.6



Abundance Ion 83.15 (82.85 to 83.85): VV0  
 Ion 55.10 (54.80 to 55.80): VV0  
 Ion 98.15 (97.85 to 98.85): VV0

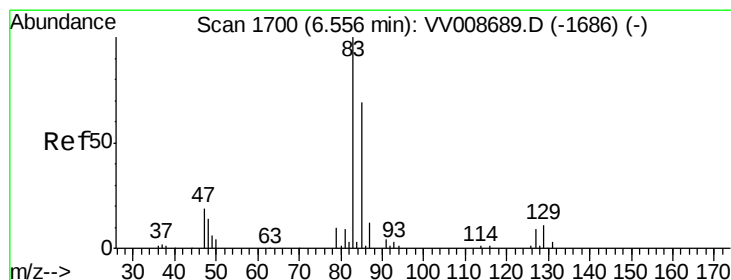
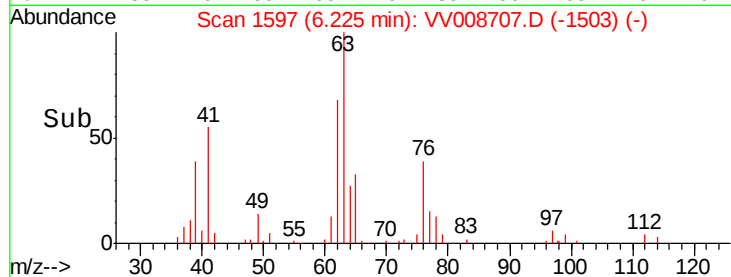
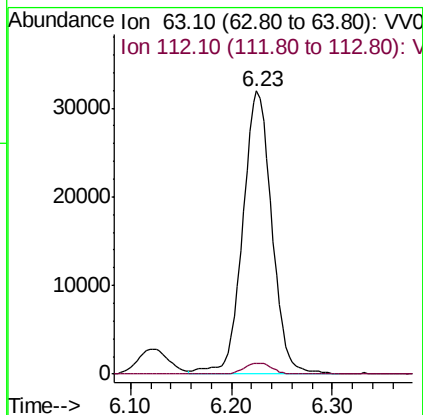
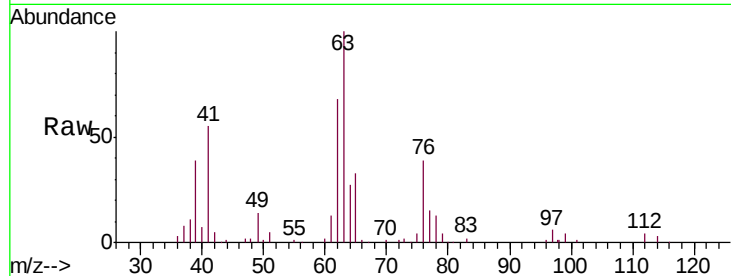




#37  
 1,2-Dichloropropane  
 Concen: 4.875 ug/L  
 RT: 6.23 min Scan# 1597  
 Delta R.T. 0.00 min  
 Lab File: VV008707.D  
 Acq: 21 Nov 2018 18:18

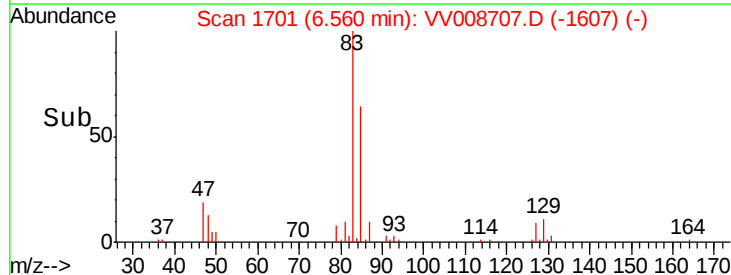
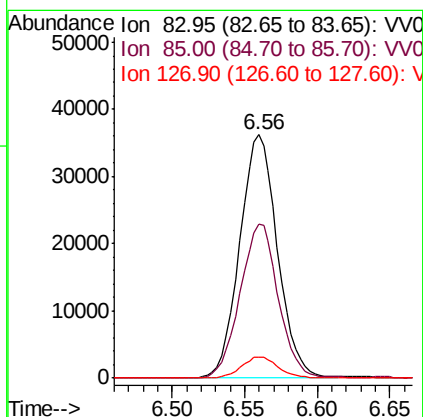
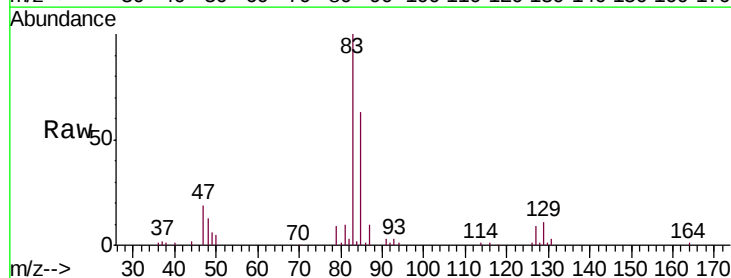
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00577

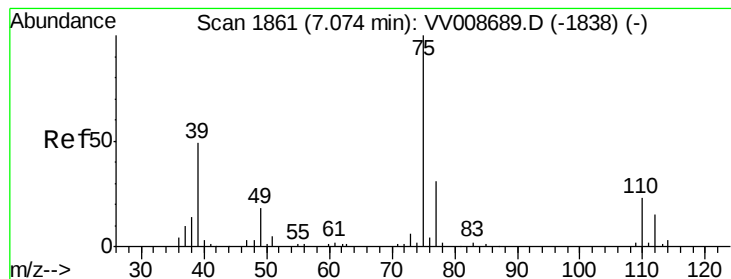
Tgt Ion: 63 Resp: 63656  
 Ion Ratio Lower Upper  
 63 100  
 112 3.7 2.8 4.2



#38  
 Bromodichloromethane  
 Concen: 4.113 ug/L  
 RT: 6.56 min Scan# 1701  
 Delta R.T. 0.00 min  
 Lab File: VV008707.D  
 Acq: 21 Nov 2018 18:18

Tgt Ion: 83 Resp: 65535  
 Ion Ratio Lower Upper  
 83 100  
 85 63.4 44.9 83.5  
 127 8.8 6.9 10.3



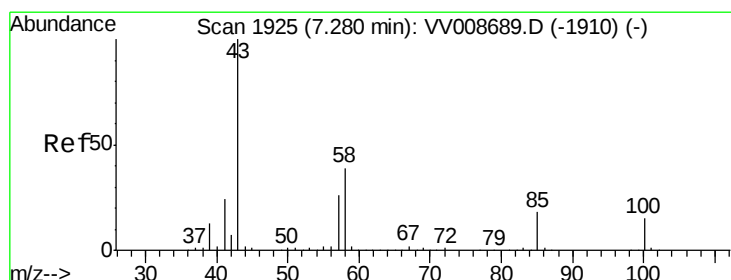
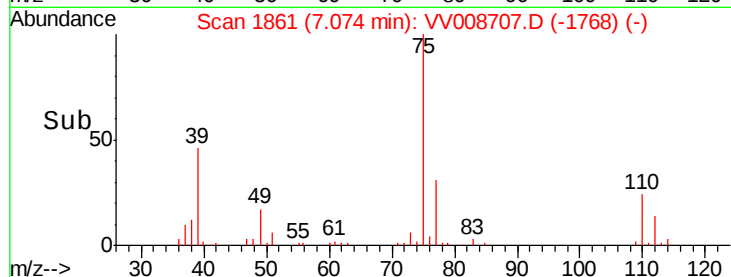
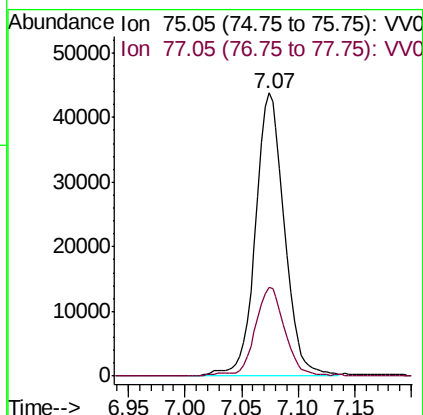
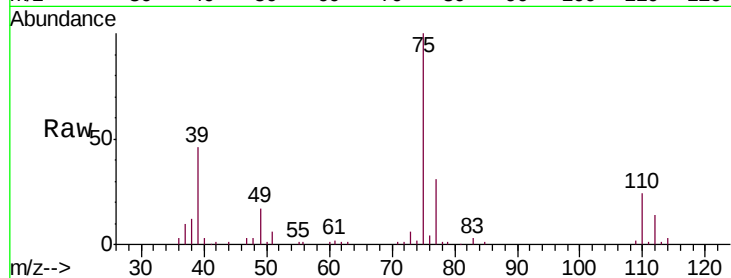


#39

cis-1,3-Dichloropropene  
 Concen: 4.445 ug/L  
 RT: 7.07 min Scan# 1861  
 Delta R.T. -0.00 min  
 Lab File: VV008707.D  
 Acq: 21 Nov 2018 18:18

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00577

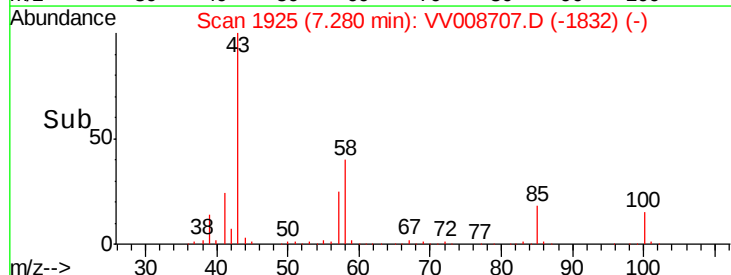
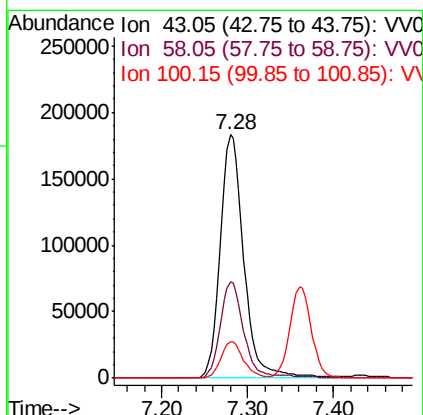
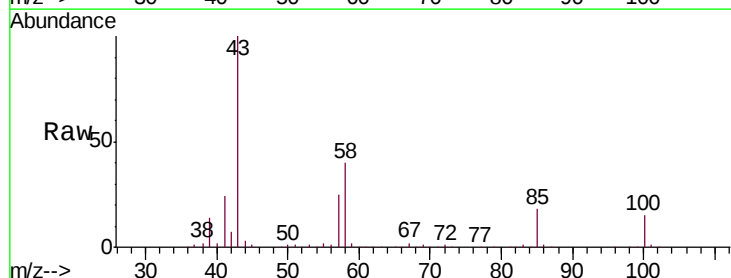
Tgt Ion: 75 Resp: 78033  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 23.0 42.8

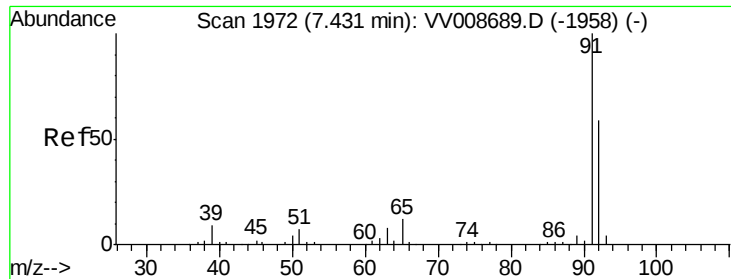


#40

4-Methyl-2-pentanone  
 Concen: 45.820 ug/L  
 RT: 7.28 min Scan# 1925  
 Delta R.T. -0.00 min  
 Lab File: VV008707.D  
 Acq: 21 Nov 2018 18:18

Tgt Ion: 43 Resp: 350223  
 Ion Ratio Lower Upper  
 43 100  
 58 40.0 31.0 46.4  
 100 14.3 11.1 16.7





#42

Toluene

Concen: 4.918 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008707.D

Acq: 21 Nov 2018 18:18

Instrument :

MSVOA\_V

ClientSampleId :

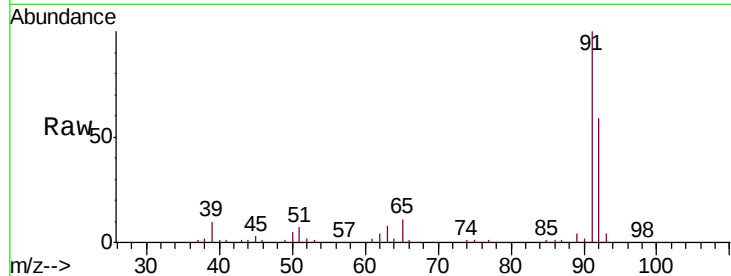
VSTD00577

Tgt Ion: 91 Resp: 254621

Ion Ratio Lower Upper

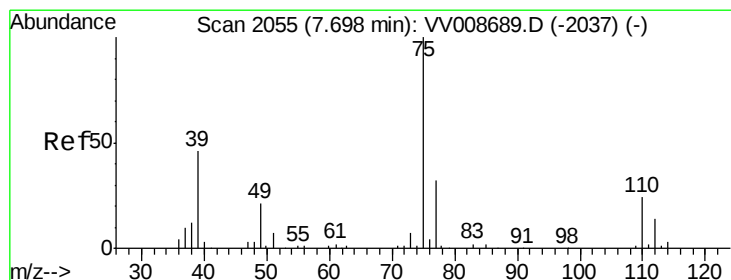
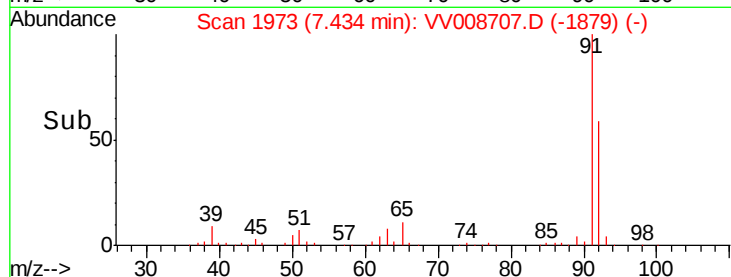
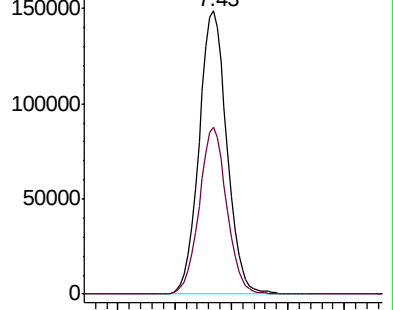
91 100

92 58.9 39.1 72.5



Abundance Ion 91.15 (90.85 to 91.85): VV008689.D (-1958) (-)

Ion 92.15 (91.85 to 92.85): VV008689.D (-1958) (-)



#44

trans-1,3-Dichloropropene

Concen: 4.230 ug/L

RT: 7.70 min Scan# 2055

Delta R.T. -0.00 min

Lab File: VV008707.D

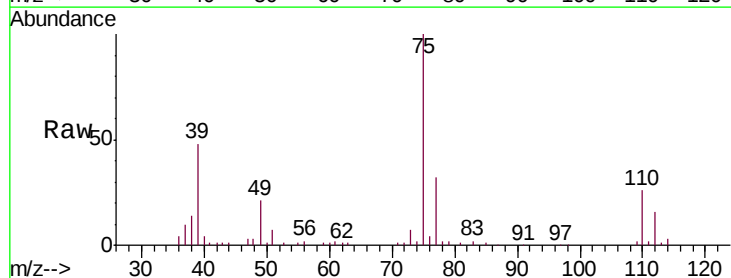
Acq: 21 Nov 2018 18:18

Tgt Ion: 75 Resp: 60485

Ion Ratio Lower Upper

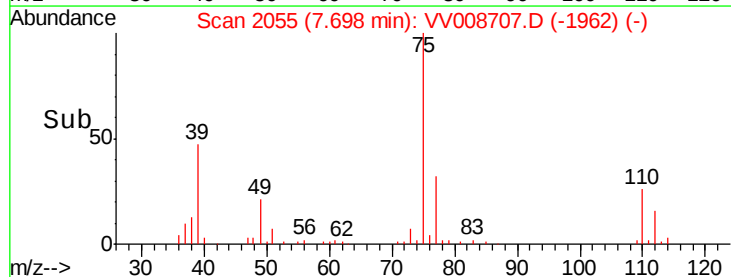
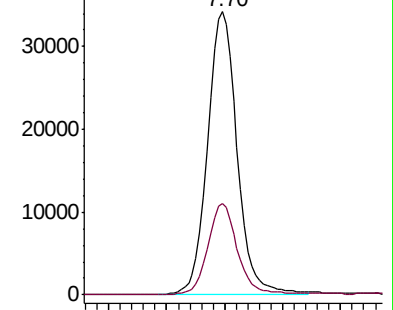
75 100

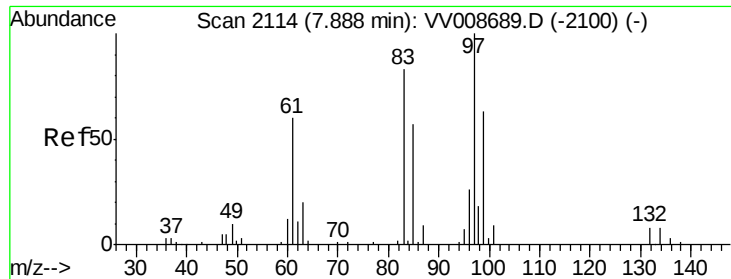
77 32.5 23.0 42.6



Abundance Ion 75.05 (74.75 to 75.75): VV008689.D (-2037) (-)

Ion 77.05 (76.75 to 77.75): VV008689.D (-2037) (-)

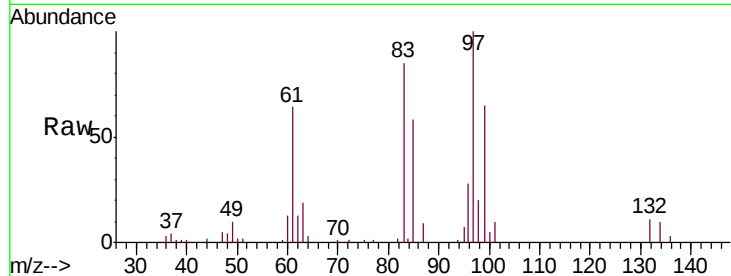




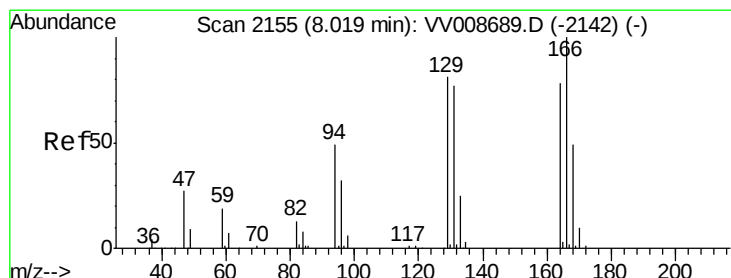
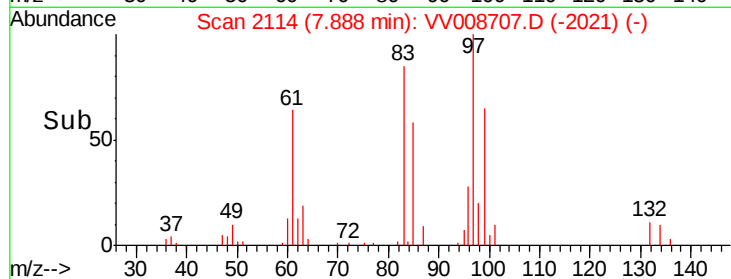
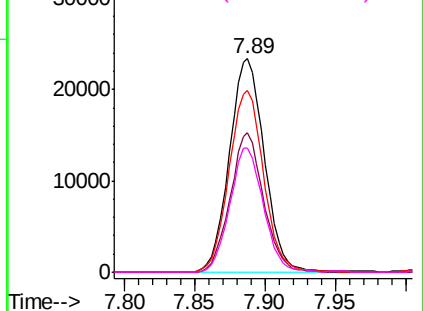
#45  
 1,1,2-Trichloroethane  
 Concen: 4.883 ug/L  
 RT: 7.89 min Scan# 2114  
 Delta R.T. -0.00 min  
 Lab File: VV008707.D  
 Acq: 21 Nov 2018 18:18

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00577

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 40576 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 65.1  | 43.0  | 79.8  |
| 83       | 85.3  | 63.0  | 117.0 |
| 85       | 58.0  | 40.1  | 74.5  |

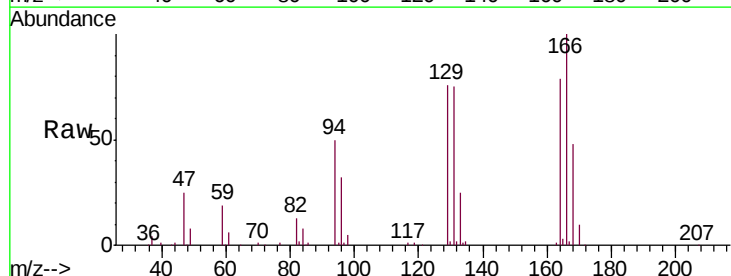


Abundance Ion 96.95 (96.65 to 97.65): VV0  
 Ion 99.05 (98.75 to 99.75): VV0  
 Ion 82.95 (82.65 to 83.65): VV0  
 Ion 85.00 (84.70 to 85.70): VV0

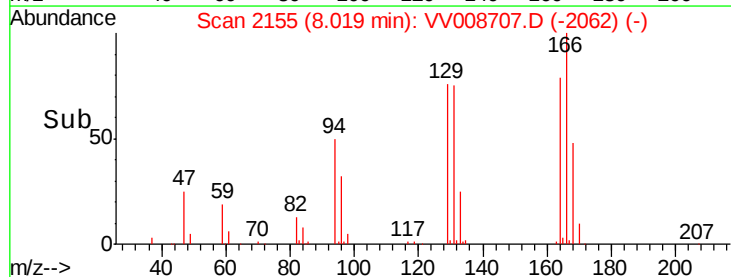
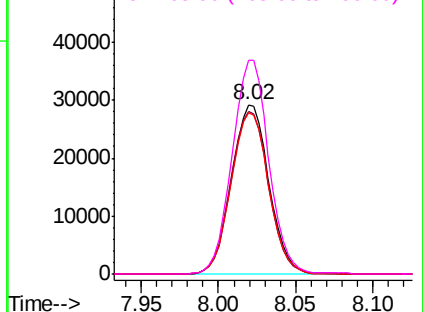


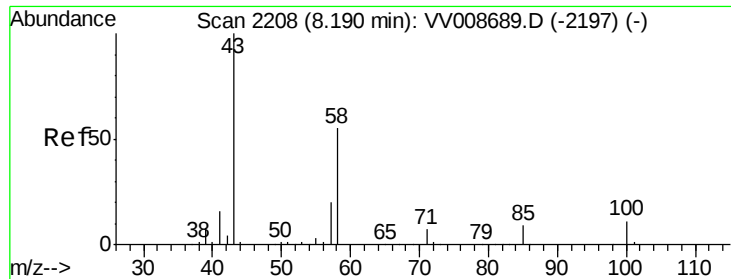
#47  
 Tetrachloroethene  
 Concen: 5.156 ug/L  
 RT: 8.02 min Scan# 2155  
 Delta R.T. -0.00 min  
 Lab File: VV008707.D  
 Acq: 21 Nov 2018 18:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 48991 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 96.3  | 67.5  | 125.4 |
| 131      | 95.3  | 66.4  | 123.4 |
| 166      | 126.2 | 85.8  | 159.3 |



Abundance Ion 163.90 (163.60 to 164.60): V  
 Ion 128.95 (128.65 to 129.65): V  
 Ion 130.95 (130.65 to 131.65): V  
 Ion 165.90 (165.60 to 166.60): V

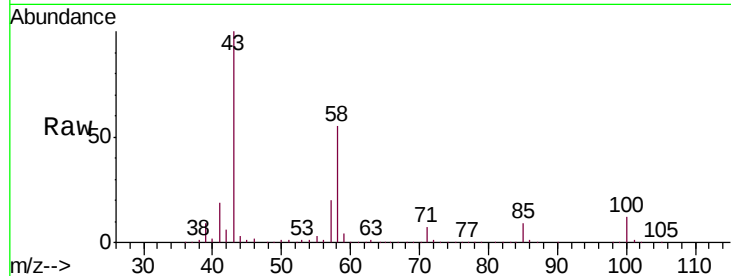




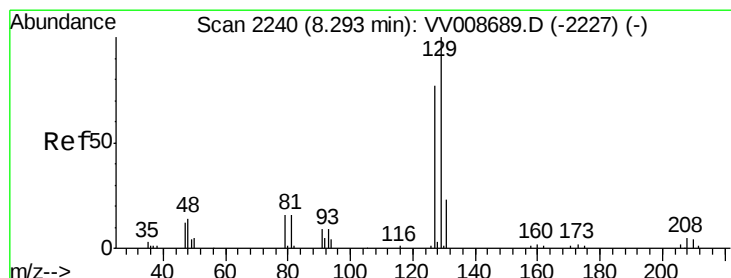
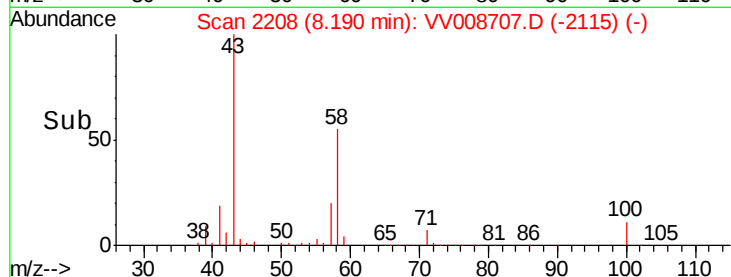
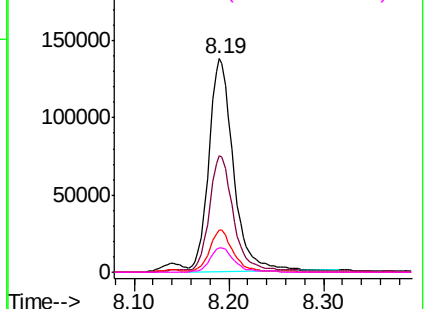
#48  
2-Hexanone  
Concen: 48.167 ug/L  
RT: 8.19 min Scan# 2208  
Delta R.T. -0.00 min  
Lab File: VV008707.D  
Acq: 21 Nov 2018 18:18

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00577

Tgt Ion: 43 Resp: 248491  
Ion Ratio Lower Upper  
43 100  
58 53.6 41.8 62.8  
57 19.1 15.4 23.0  
100 11.2 8.7 13.1

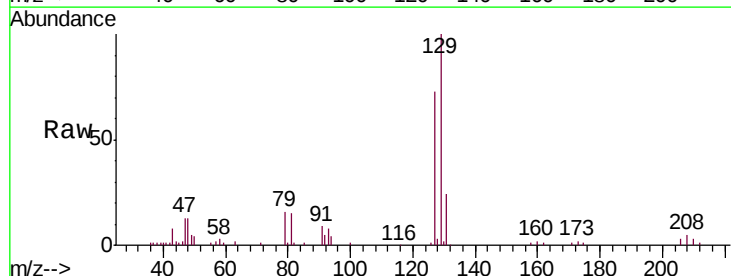


Abundance Ion 43.05 (42.75 to 43.75): VV0  
Ion 58.05 (57.75 to 58.75): VV0  
Ion 57.20 (56.90 to 57.90): VV0  
Ion 100.15 (99.85 to 100.85): VV0

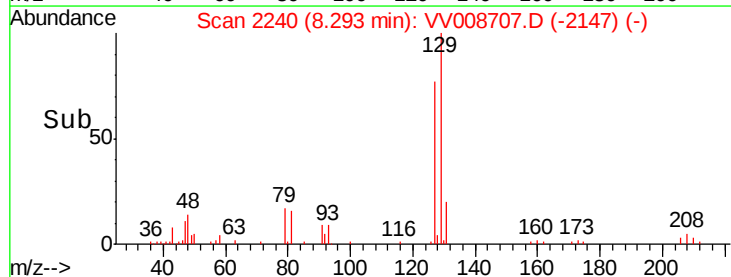
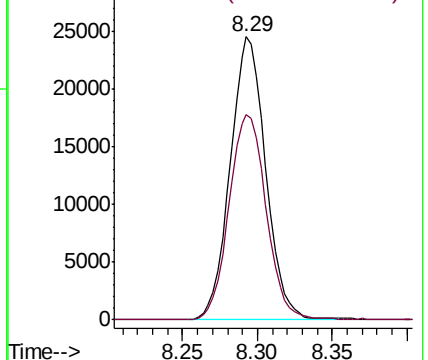


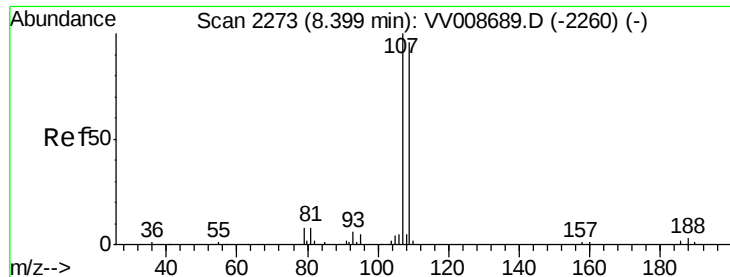
#49  
Dibromochloromethane  
Concen: 4.276 ug/L  
RT: 8.29 min Scan# 2240  
Delta R.T. -0.00 min  
Lab File: VV008707.D  
Acq: 21 Nov 2018 18:18

Tgt Ion: 129 Resp: 40414  
Ion Ratio Lower Upper  
129 100  
127 72.7 54.6 101.4



Abundance Ion 128.95 (128.65 to 129.65): V  
Ion 126.90 (126.60 to 127.60): V

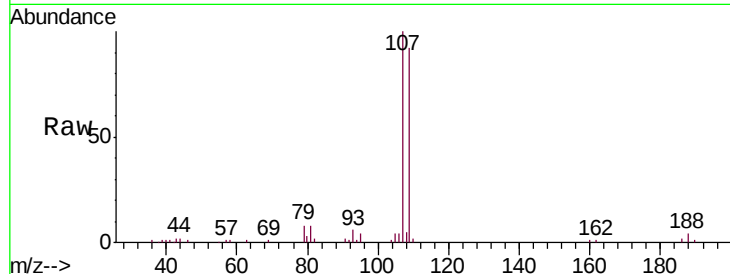




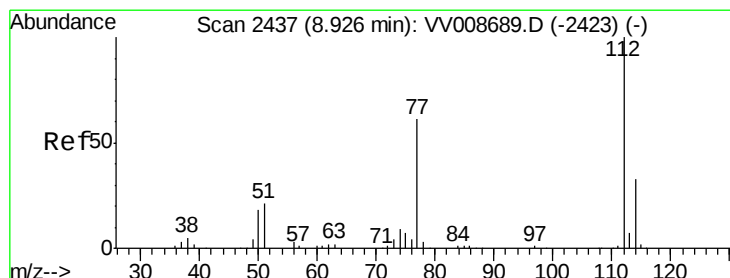
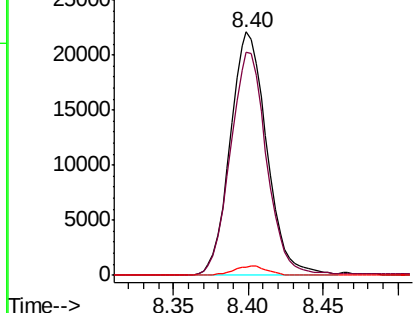
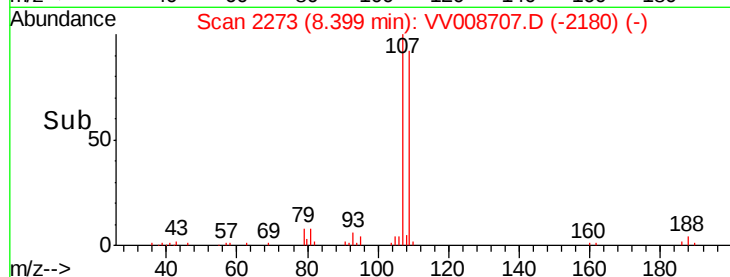
#50  
1,2-Dibromoethane  
Concen: 4.992 ug/L  
RT: 8.40 min Scan# 2273  
Delta R.T. -0.00 min  
Lab File: VV008707.D  
Acq: 21 Nov 2018 18:18

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00577

Tgt Ion:107 Resp: 37496  
Ion Ratio Lower Upper  
107 100  
109 91.8 62.1 115.3  
188 3.5 2.2 3.4#

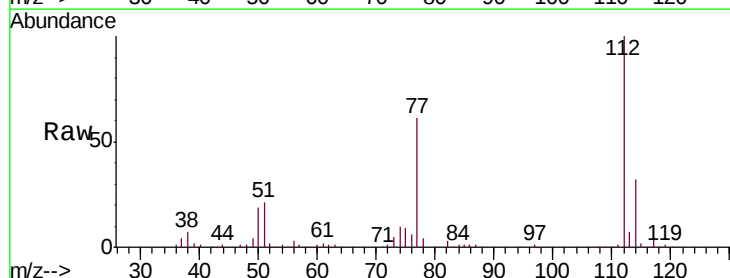


Abundance Ion 106.95 (106.65 to 107.65): V  
Ion 109.00 (108.70 to 109.70): V  
Ion 187.90 (187.60 to 188.60): V

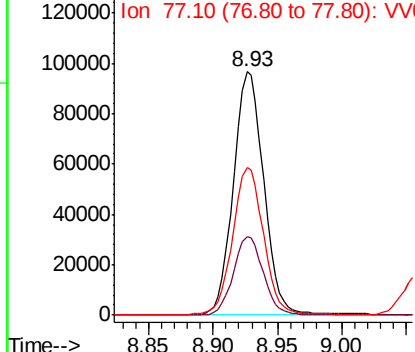
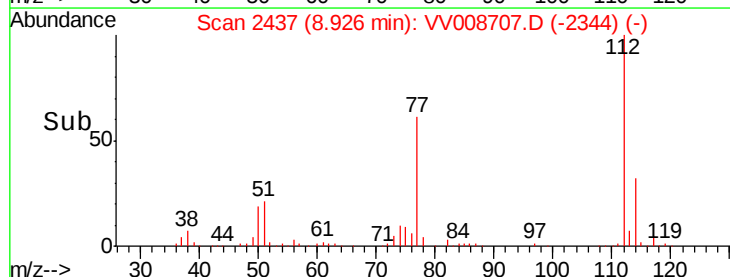


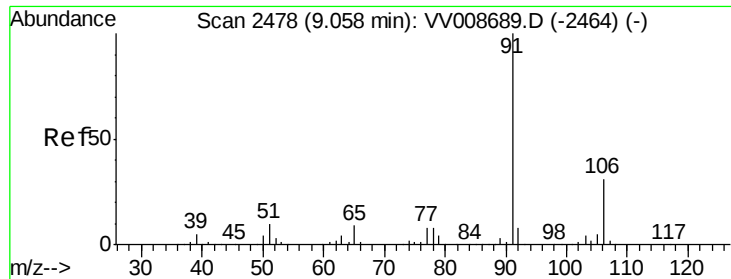
#51  
Chlorobenzene  
Concen: 4.963 ug/L  
RT: 8.93 min Scan# 2437  
Delta R.T. -0.00 min  
Lab File: VV008707.D  
Acq: 21 Nov 2018 18:18

Tgt Ion:112 Resp: 158505  
Ion Ratio Lower Upper  
112 100  
114 32.1 21.9 40.7  
77 60.7 47.9 71.9



Abundance Ion 112.10 (111.80 to 112.80): V  
Ion 114.05 (113.75 to 114.75): V  
Ion 77.10 (76.80 to 77.80): VV0

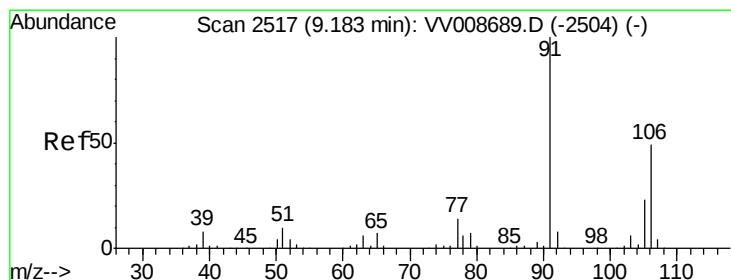
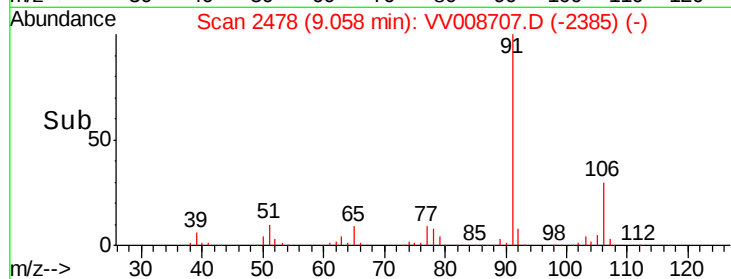
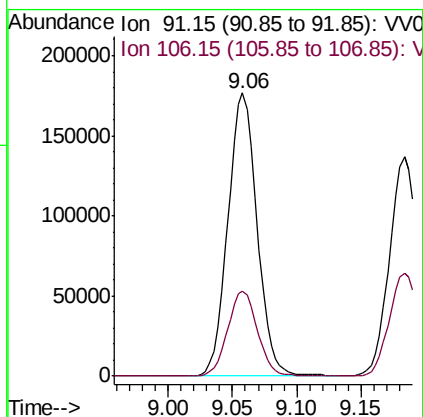
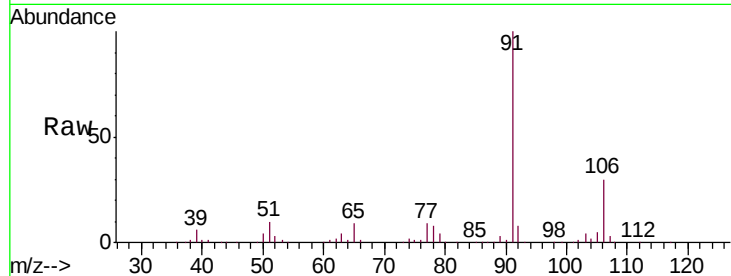




#52  
Ethylbenzene  
Concen: 4.874 ug/L  
RT: 9.06 min Scan# 2478  
Delta R.T. -0.00 min  
Lab File: VV008707.D  
Acq: 21 Nov 2018 18:18

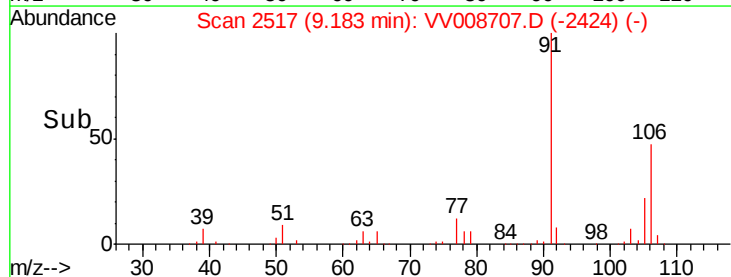
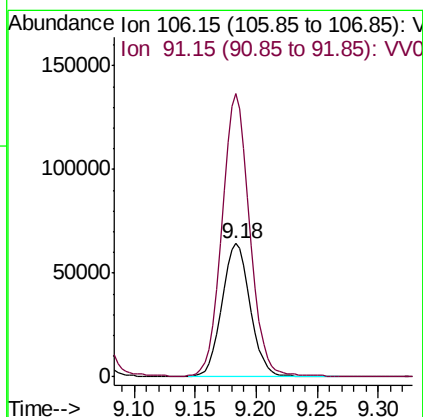
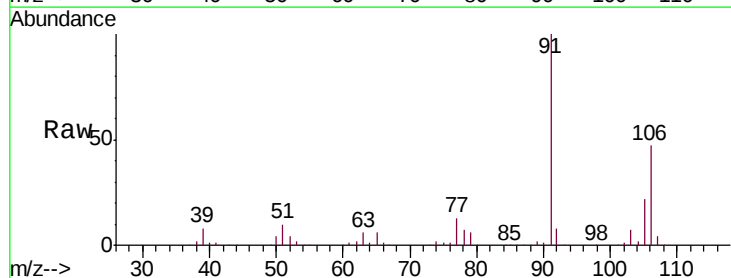
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00577

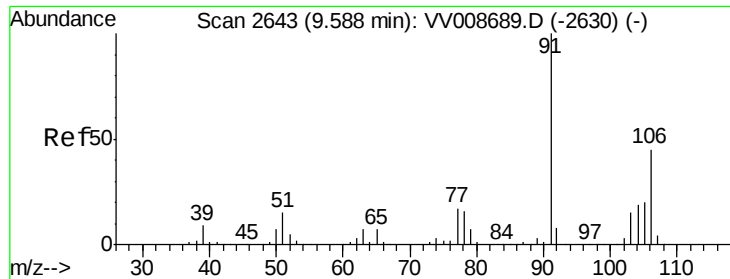
Tgt Ion: 91 Resp: 277768  
Ion Ratio Lower Upper  
91 100  
106 30.2 21.3 39.6



#53  
m,p-xylene  
Concen: 4.953 ug/L  
RT: 9.18 min Scan# 2517  
Delta R.T. -0.00 min  
Lab File: VV008707.D  
Acq: 21 Nov 2018 18:18

Tgt Ion: 106 Resp: 104339  
Ion Ratio Lower Upper  
106 100  
91 212.1 144.0 267.4

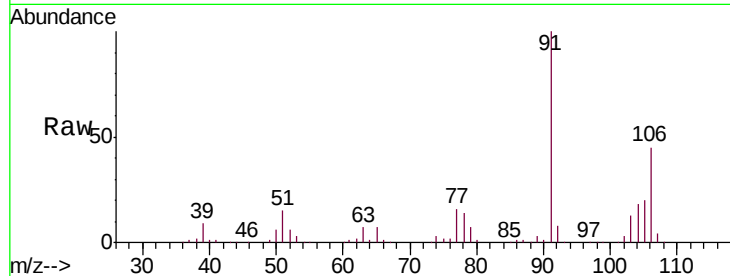




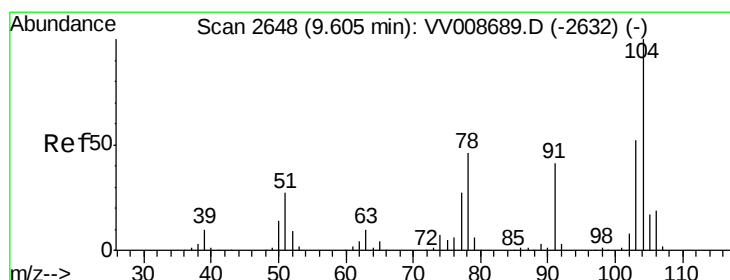
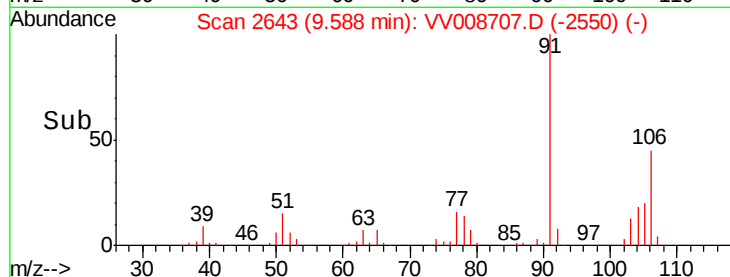
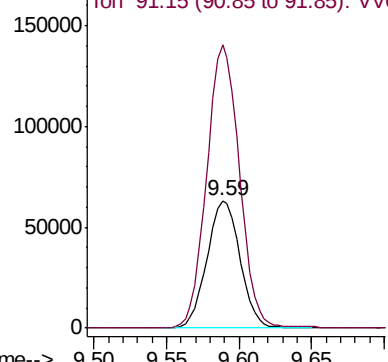
#54  
o-xylene  
Concen: 4.900 ug/L  
RT: 9.59 min Scan# 2643  
Delta R.T. -0.00 min  
Lab File: VV008707.D  
Acq: 21 Nov 2018 18:18

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00577

Tgt Ion:106 Resp: 100460  
Ion Ratio Lower Upper  
106 100  
91 222.1 152.9 284.1

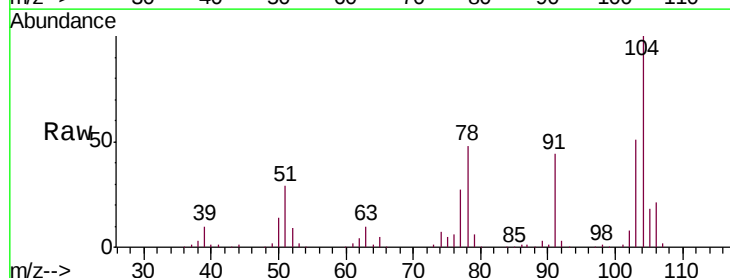


Abundance Ion 106.15 (105.85 to 106.85): V  
Ion 91.15 (90.85 to 91.85): VV0

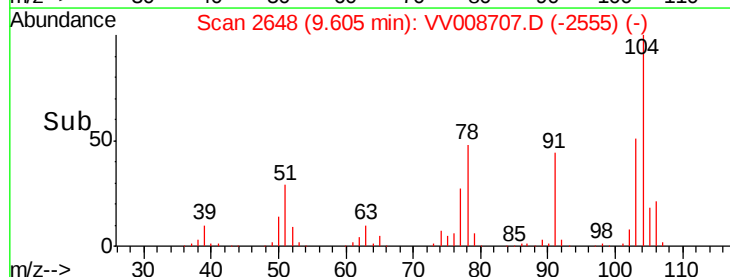
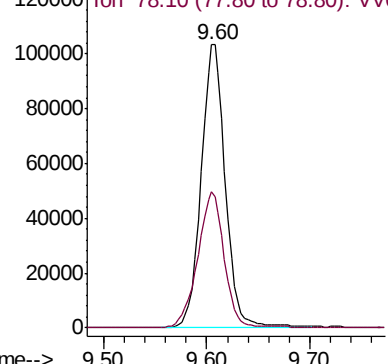


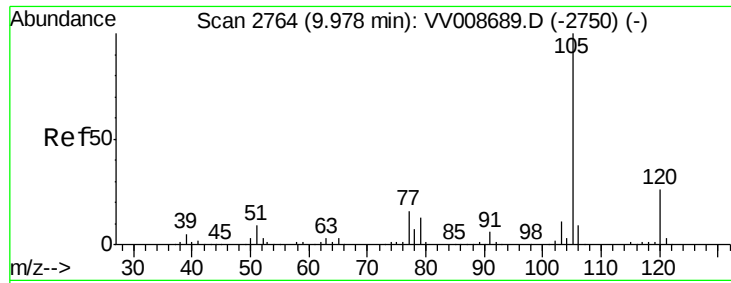
#55  
Styrene  
Concen: 5.106 ug/L  
RT: 9.60 min Scan# 2648  
Delta R.T. -0.00 min  
Lab File: VV008707.D  
Acq: 21 Nov 2018 18:18

Tgt Ion:104 Resp: 168974  
Ion Ratio Lower Upper  
104 100  
78 48.2 32.9 61.1



Abundance Ion 104.10 (103.80 to 104.80): V  
Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 4.927 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. -0.00 min

Lab File: VV008707.D

Acq: 21 Nov 2018 18:18

Instrument :

MSVOA\_V

ClientSampleId :

VSTD00577

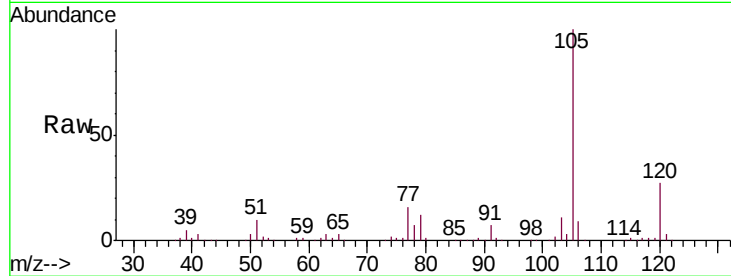
Tgt Ion: 105 Resp: 271228

Ion Ratio Lower Upper

105 100

120 26.4 21.0 31.6

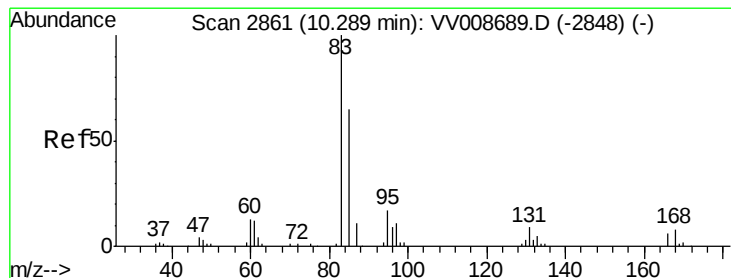
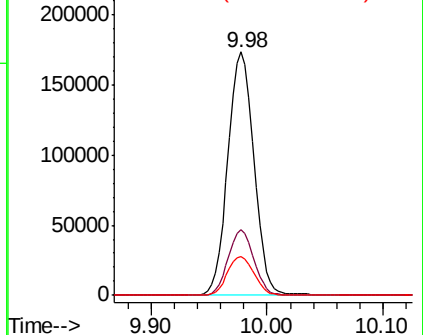
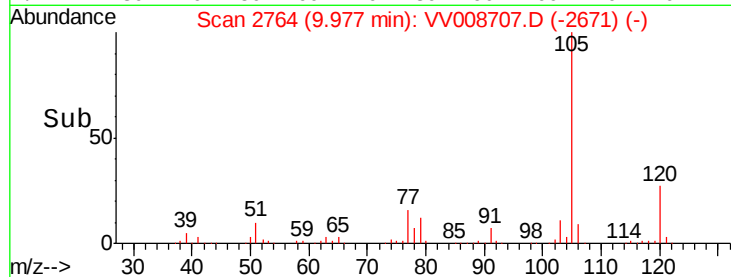
77 16.2 13.0 19.4



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: 4.853 ug/L

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VV008707.D

Acq: 21 Nov 2018 18:18

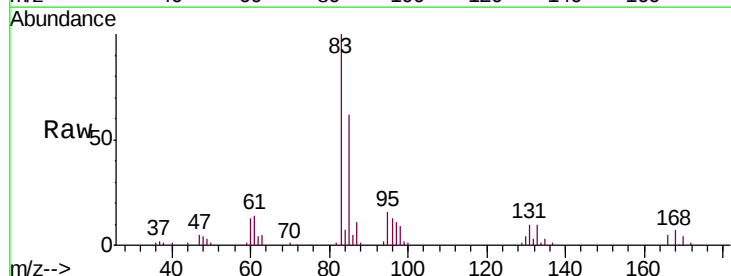
Tgt Ion: 83 Resp: 47604

Ion Ratio Lower Upper

83 100

85 62.3 44.8 83.2

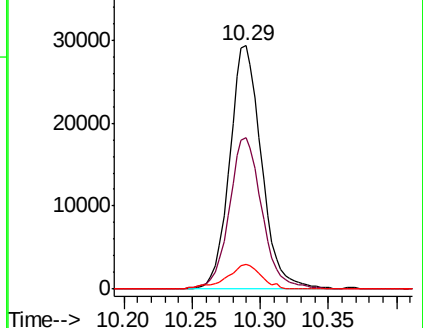
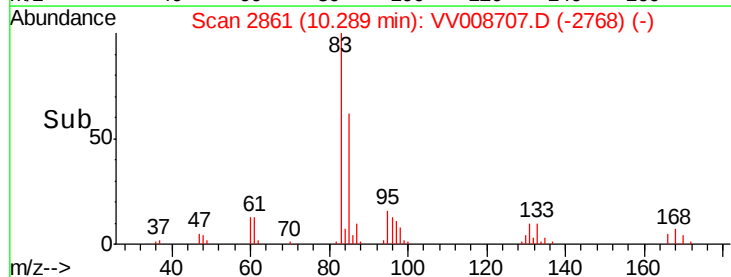
131 10.4 8.1 12.1

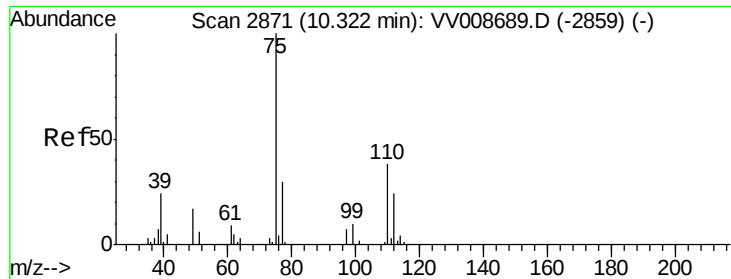


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V

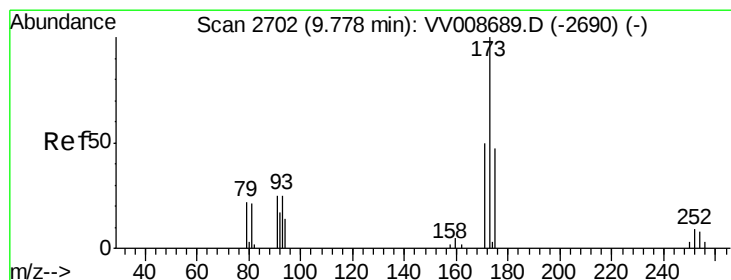
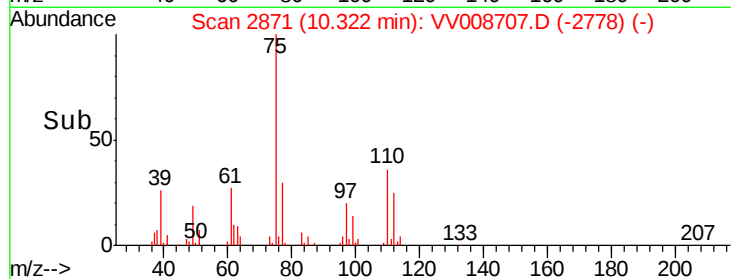
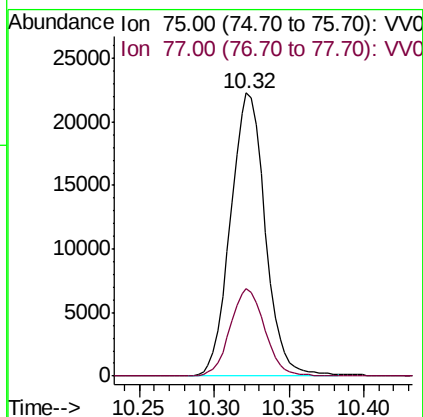
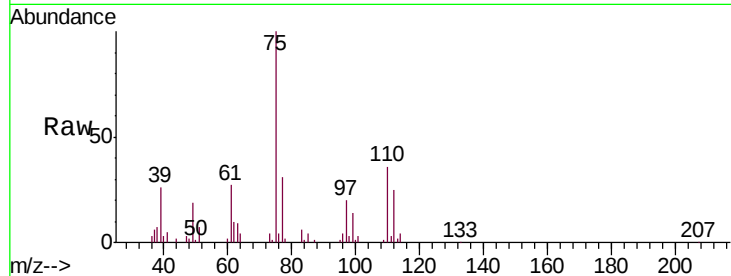




#59  
 1,2,3-Trichloropropane  
 Concen: 4.865 ug/L  
 RT: 10.32 min Scan# 2871  
 Delta R.T. -0.00 min  
 Lab File: VV008707.D  
 Acq: 21 Nov 2018 18:18

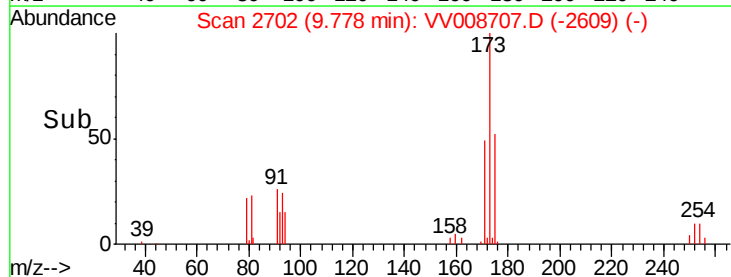
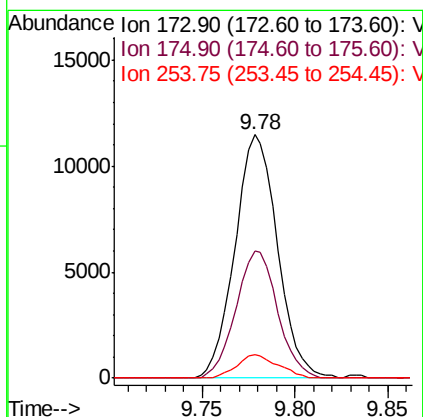
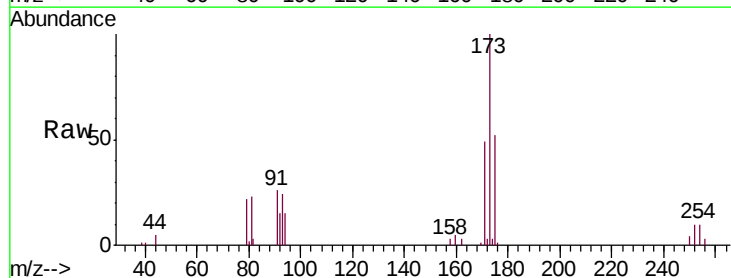
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00577

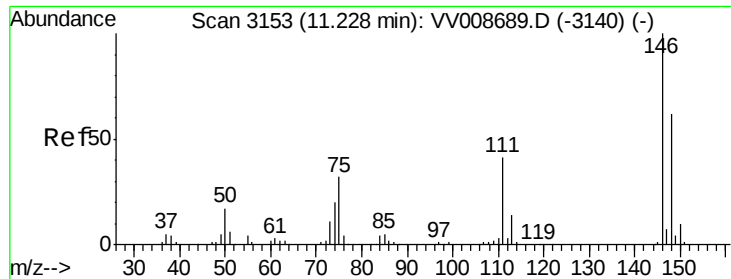
Tgt Ion: 75 Resp: 36032  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 25.2 37.8



#61  
 Bromoform  
 Concen: 3.753 ug/L  
 RT: 9.78 min Scan# 2702  
 Delta R.T. -0.00 min  
 Lab File: VV008707.D  
 Acq: 21 Nov 2018 18:18

Tgt Ion: 173 Resp: 18247  
 Ion Ratio Lower Upper  
 173 100  
 175 51.0 39.6 59.4  
 254 9.1 6.2 9.4

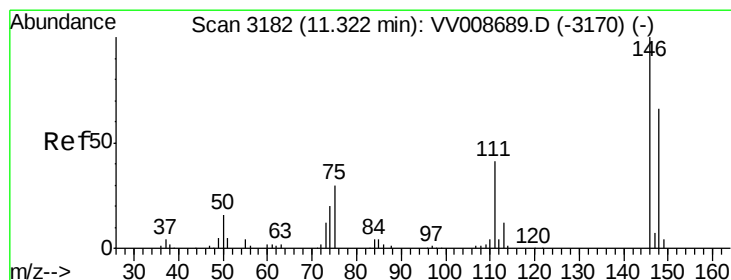
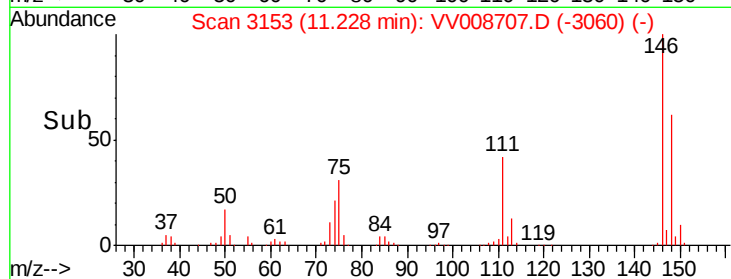
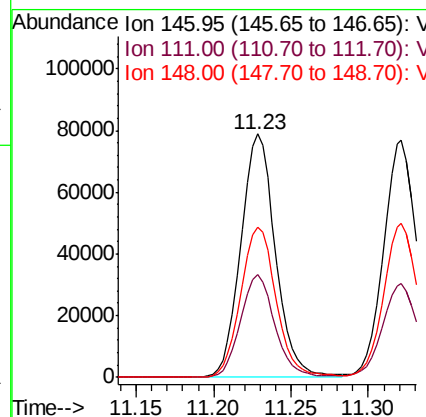
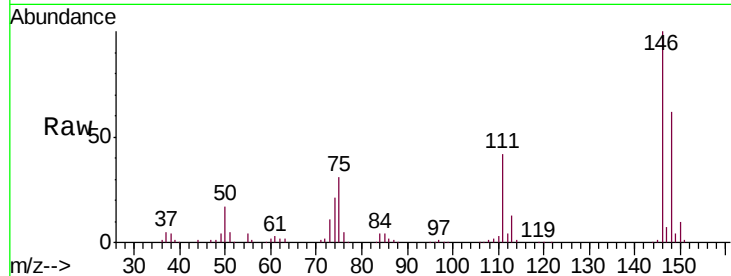




#62  
 1,3-Dichlorobenzene  
 Concen: 4.974 ug/L  
 RT: 11.23 min Scan# 3153  
 Delta R.T. -0.00 min  
 Lab File: VV008707.D  
 Acq: 21 Nov 2018 18:18

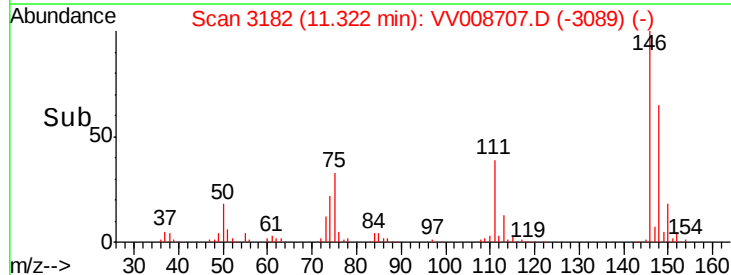
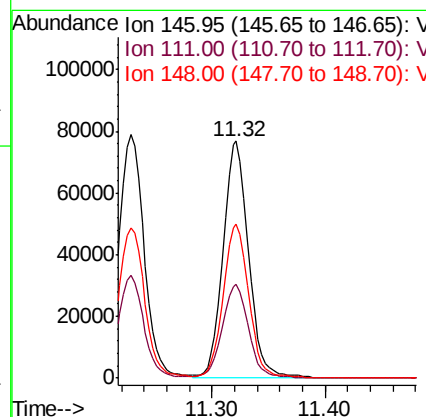
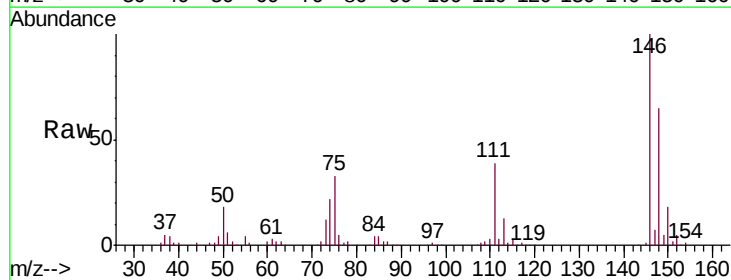
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00577

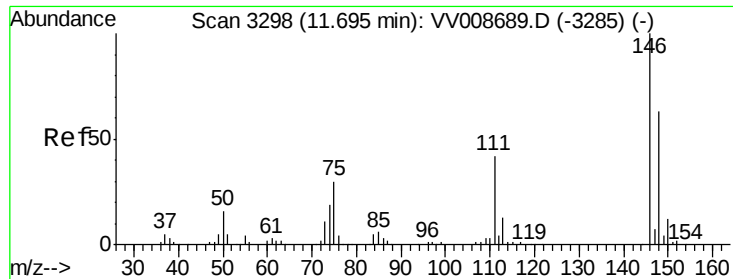
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.1  | 28.1  | 52.1  |
| 148     | 61.9  | 43.0  | 80.0  |



#63  
 1,4-Dichlorobenzene  
 Concen: 4.961 ug/L  
 RT: 11.32 min Scan# 3182  
 Delta R.T. -0.00 min  
 Lab File: VV008707.D  
 Acq: 21 Nov 2018 18:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.4  | 28.2  | 52.4  |
| 148     | 65.0  | 44.1  | 81.9  |





#65

1,2-Dichlorobenzene

Concen: 4.855 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VV008707.D

Acq: 21 Nov 2018 18:18

Instrument :

MSVOA\_V

ClientSampleId :

VSTD00577

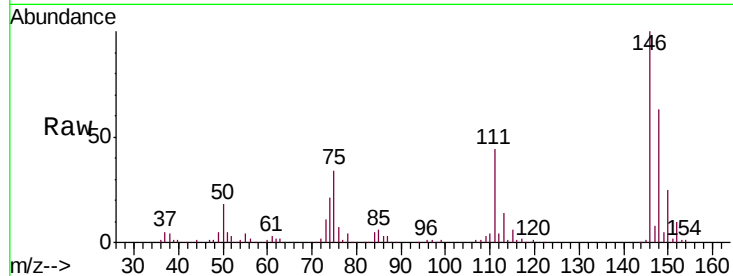
Tgt Ion:146 Resp: 113931

Ion Ratio Lower Upper

146 100

111 44.2 33.5 50.3

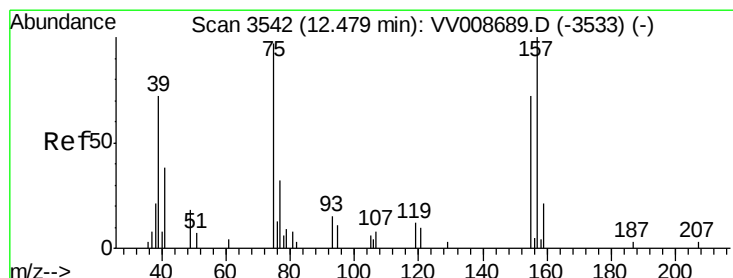
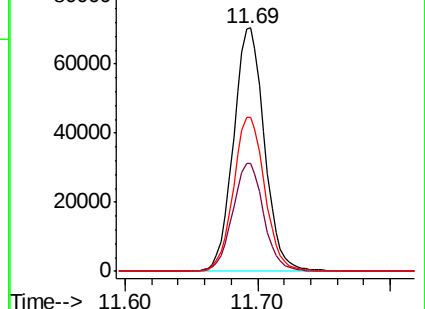
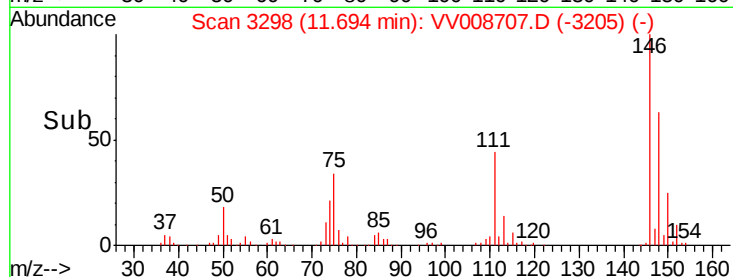
148 63.2 50.0 75.0



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 4.158 ug/L

RT: 12.48 min Scan# 3542

Delta R.T. -0.00 min

Lab File: VV008707.D

Acq: 21 Nov 2018 18:18

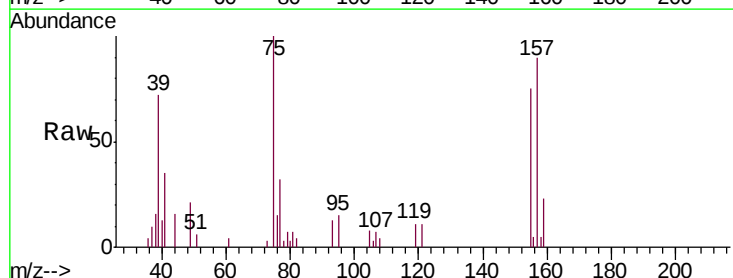
Tgt Ion: 75 Resp: 6244

Ion Ratio Lower Upper

75 100

155 75.0 54.2 81.2

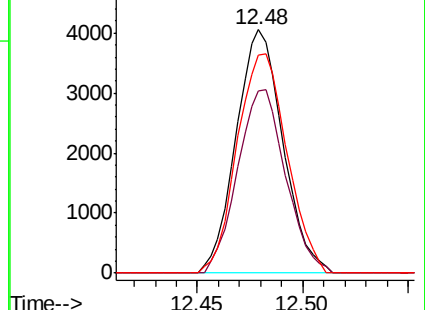
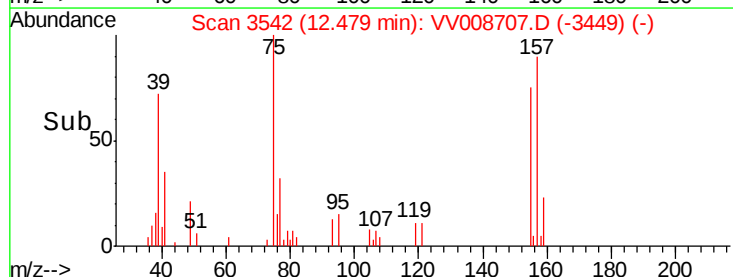
157 89.5 67.4 101.2

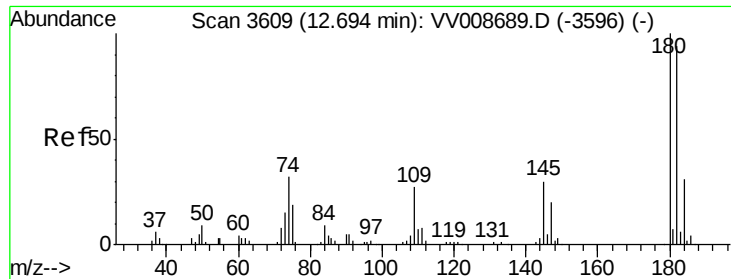


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

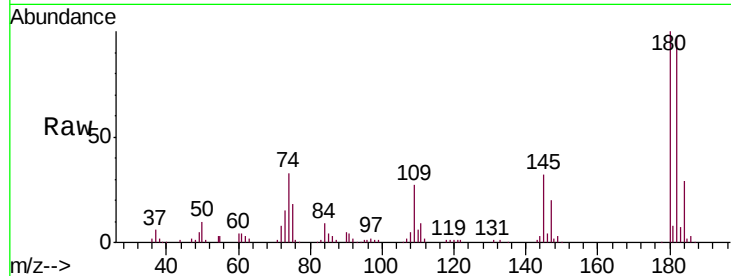




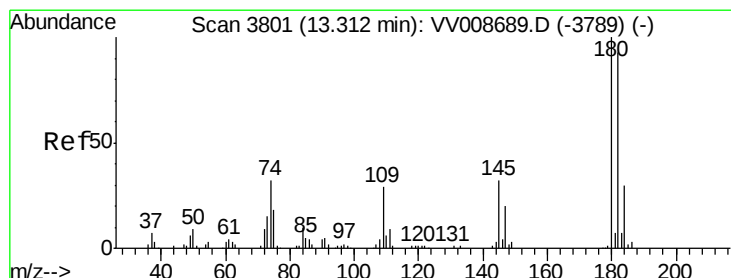
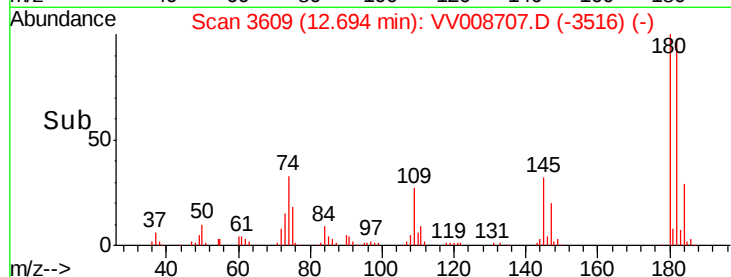
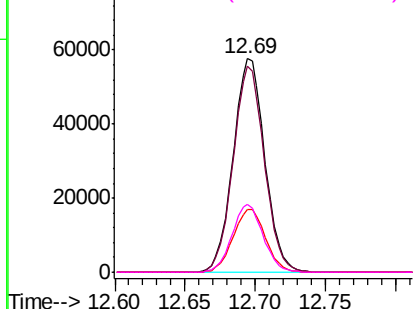
#67  
 1,3,5-Trichlorobenzene  
 Concen: 5.066 ug/L  
 RT: 12.69 min Scan# 3609  
 Delta R.T. -0.00 min  
 Lab File: VV008707.D  
 Acq: 21 Nov 2018 18:18

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00577

Tgt Ion:180 Resp: 90429  
 Ion Ratio Lower Upper  
 180 100  
 182 95.1 75.9 113.9  
 184 30.3 23.9 35.9  
 145 31.1 26.8 40.2

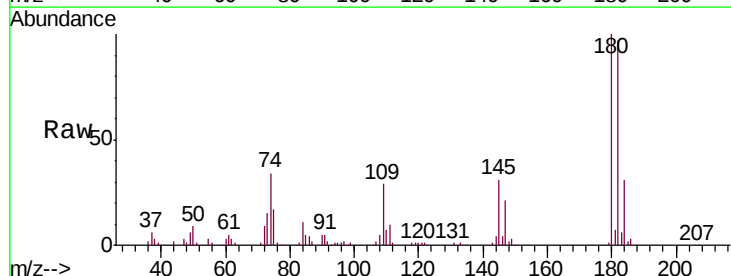


Abundance Ion 180.00 (179.70 to 180.70): V  
 Ion 182.00 (181.70 to 182.70): V  
 Ion 184.00 (183.70 to 184.70): V  
 Ion 145.00 (144.70 to 145.70): V

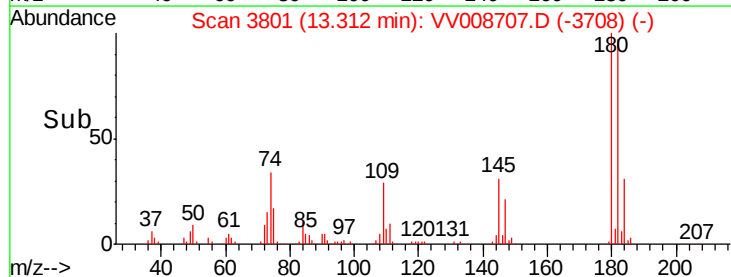
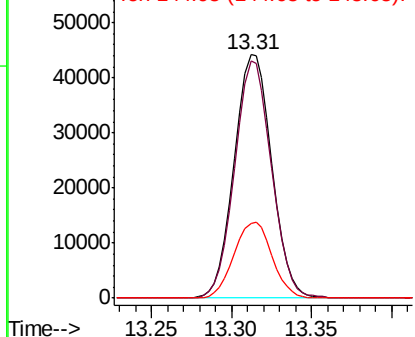


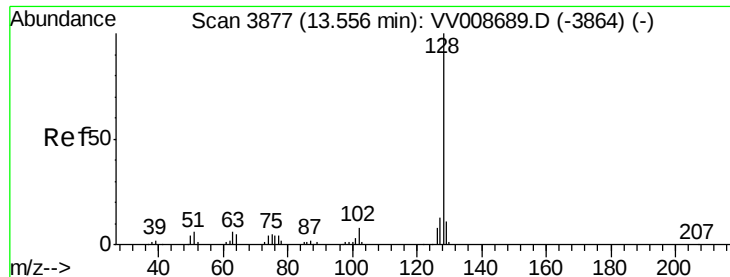
#68  
 1,2,4-trichlorobenzene  
 Concen: 4.910 ug/L  
 RT: 13.31 min Scan# 3801  
 Delta R.T. -0.00 min  
 Lab File: VV008707.D  
 Acq: 21 Nov 2018 18:18

Tgt Ion:180 Resp: 70623  
 Ion Ratio Lower Upper  
 180 100  
 182 95.2 76.4 114.6  
 145 31.6 27.1 40.7



Abundance Ion 179.90 (179.60 to 180.60): V  
 Ion 182.00 (181.70 to 182.70): V  
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 4.278 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. -0.00 min

Lab File: VV008707.D

Acq: 21 Nov 2018 18:18

Instrument :

MSVOA\_V

ClientSampleId :

VSTD00577

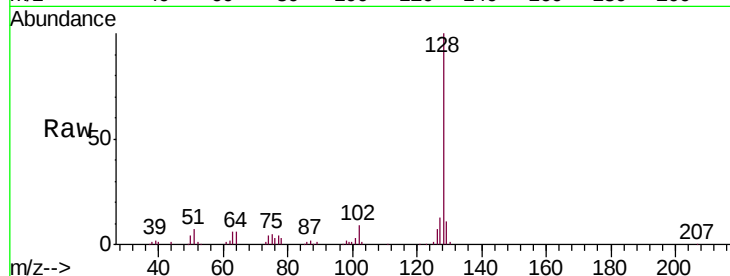
Tgt Ion:128 Resp: 99958

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

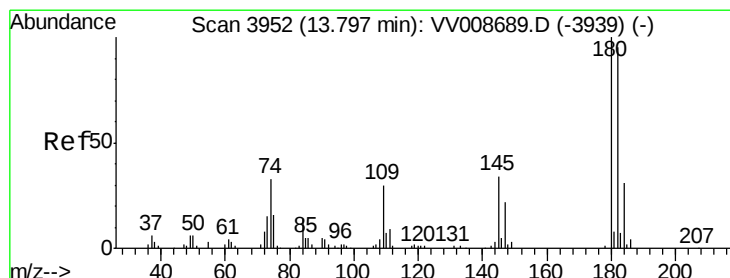
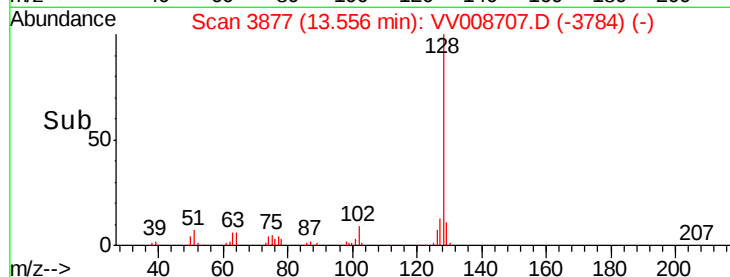
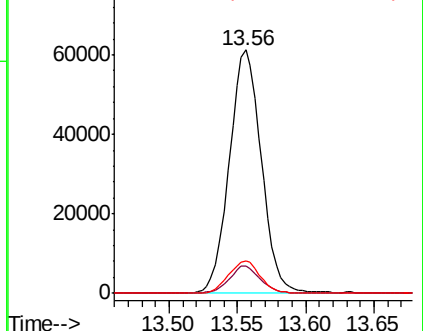
127 13.1 10.0 15.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 5.007 ug/L

RT: 13.80 min Scan# 3952

Delta R.T. -0.00 min

Lab File: VV008707.D

Acq: 21 Nov 2018 18:18

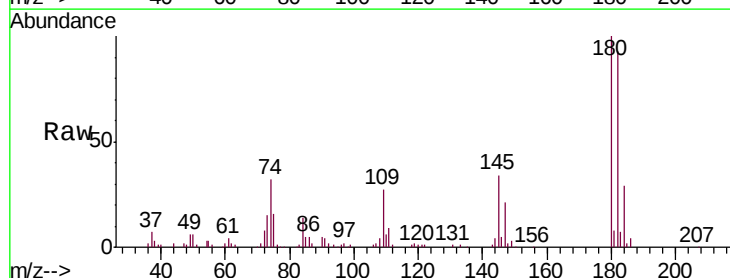
Tgt Ion:180 Resp: 66441

Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

145 35.1 28.2 42.2



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

