

Data File : VV012097.D  
Acq On : 02 Aug 2019 13:24  
Operator : SY/MD  
Sample : VSTDCCC005EC  
Misc : 25ML/MSVOA\_V/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00558

Quant Time: Aug 02 23:58:23 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SFAMVTR072919WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Aug 02 23:54:58 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 160222   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 150800   | 5.00 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 84412    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 33382    | 3.68     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 73.60% |
| 7) Chloroethane-d5             | 1.59   | 69    | 25212    | 3.96     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 79.20% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 69960    | 4.26     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 85.20% |
| 20) 2-Butanone-d5              | 3.94   | 46    | 80030    | 38.86    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 77.72% |
| 24) Chloroform-d               | 4.40   | 84    | 92641    | 4.73     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.60% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 46617    | 4.40     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.00% |
| 32) Benzene-d6                 | 5.10   | 84    | 164567   | 4.33     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.60% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 42767    | 4.03     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 80.60% |
| 41) Toluene-d8                 | 7.36   | 98    | 164881   | 4.47     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.40% |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 21701    | 4.67     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 93.40% |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 64338    | 39.17    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 78.34% |
| 56) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 32763    | 4.11     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 82.20% |
| 66) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 66907    | 4.45     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 89.00% |

#### Target Compounds

|                                |      |     |        |             | Qvalue |
|--------------------------------|------|-----|--------|-------------|--------|
| 2) Dichlorodifluoromethane     | 1.14 | 85  | 76943  | 4.214 ug/L  | 97     |
| 3) Chloromethane               | 1.25 | 50  | 42922  | 4.106 ug/L  | 99     |
| 5) Vinyl chloride              | 1.32 | 62  | 41921  | 3.920 ug/L  | 100    |
| 6) Bromomethane                | 1.54 | 94  | 22864  | 3.577 ug/L  | 99     |
| 8) Chloroethane                | 1.60 | 64  | 22693  | 3.905 ug/L  | 99     |
| 9) Trichlorofluoromethane      | 1.77 | 101 | 84094  | 4.597 ug/L  | 99     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.14 | 101 | 36853  | 4.638 ug/L  | 97     |
| 12) 1,1-Dichloroethene         | 2.14 | 96  | 32957  | 4.477 ug/L  | 90     |
| 13) Acetone                    | 2.20 | 43  | 46154  | 40.723 ug/L | 97     |
| 14) Carbon disulfide           | 2.32 | 76  | 89019  | 4.331 ug/L  | 100    |
| 15) Methyl Acetate             | 2.46 | 43  | 9164   | 3.934 ug/L  | 96     |
| 16) Methylene chloride         | 2.53 | 84  | 34032  | 4.508 ug/L  | 89     |
| 17) Methyl tert-butyl Ether    | 2.80 | 73  | 109898 | 4.748 ug/L  | 98     |
| 18) trans-1,2-Dichloroethene   | 2.79 | 96  | 48113  | 4.536 ug/L  | 93     |
| 19) 1,1-Dichloroethane         | 3.23 | 63  | 84246  | 4.442 ug/L  | 99     |
| 21) 2-Butanone                 | 4.03 | 43  | 92948  | 41.564 ug/L | 98     |
| 22) cis-1,2-Dichloroethene     | 3.96 | 96  | 52307  | 4.632 ug/L  | 92     |

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MSVOA\_V  
ClientSampleId :  
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Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Aug 02 23:54:58 2019  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 23) Bromochloromethane         | 4.30  | 128  | 23711    | 4.787  | ug/L   | 88       |
| 25) Chloroform                 | 4.42  | 83   | 99032    | 4.164  | ug/L   | 100      |
| 27) 1,2-Dichloroethane         | 5.18  | 62   | 63380    | 4.829  | ug/L   | 97       |
| 29) 1,1,1-Trichloroethane      | 4.66  | 97   | 95992    | 5.149  | ug/L   | 98       |
| 30) Cyclohexane                | 4.72  | 56   | 69238    | 4.342  | ug/L   | 98       |
| 31) Carbon tetrachloride       | 4.87  | 117  | 90450    | 5.393  | ug/L   | 100      |
| 33) Benzene                    | 5.14  | 78   | 190165   | 4.642  | ug/L   | 100      |
| 34) Trichloroethene            | 5.96  | 95   | 55319    | 4.735  | ug/L   | 99       |
| 35) Methylcyclohexane          | 6.17  | 83   | 83769    | 4.577  | ug/L   | 97       |
| 37) 1,2-Dichloropropane        | 6.22  | 63   | 41083    | 4.335  | ug/L # | 97       |
| 38) Bromodichloromethane       | 6.55  | 83   | 67319    | 5.031  | ug/L # | 98       |
| 39) cis-1,3-Dichloropropene    | 7.07  | 75   | 71005    | 4.778  | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone       | 7.27  | 43   | 230424   | 43.104 | ug/L   | 99       |
| 42) Toluene                    | 7.43  | 91   | 215217   | 4.725  | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene  | 7.69  | 75   | 58708    | 4.886  | ug/L   | 100      |
| 45) 1,1,2-Trichloroethane      | 7.88  | 97   | 32712    | 4.526  | ug/L   | 96       |
| 47) Tetrachloroethene          | 8.02  | 164  | 52177    | 5.111  | ug/L   | 97       |
| 48) 2-Hexanone                 | 8.18  | 43   | 165175   | 43.719 | ug/L   | 98       |
| 49) Dibromochloromethane       | 8.29  | 129  | 45845    | 5.173  | ug/L   | 98       |
| 50) 1,2-Dibromoethane          | 8.40  | 107  | 31778    | 4.704  | ug/L   | 100      |
| 51) Chlorobenzene              | 8.92  | 112  | 144898   | 4.758  | ug/L   | 99       |
| 52) Ethylbenzene               | 9.05  | 91   | 245398   | 4.722  | ug/L   | 99       |
| 53) m,p-xylene                 | 9.18  | 106  | 94383    | 4.771  | ug/L   | 95       |
| 54) o-xylene                   | 9.59  | 106  | 91611    | 4.892  | ug/L   | 95       |
| 55) Styrene                    | 9.60  | 104  | 155124   | 4.917  | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane  | 10.28 | 83   | 36286    | 4.678  | ug/L   | 99       |
| 59) Bromoform                  | 9.77  | 173  | 26753    | 5.243  | ug/L   | 95       |
| 60) Isopropylbenzene           | 9.97  | 105  | 258625   | 4.796  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane     | 10.32 | 75   | 27470    | 4.465  | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene     | 10.58 | 105  | 220433   | 4.950  | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene     | 10.95 | 105  | 222776   | 5.035  | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene        | 11.22 | 146  | 128826   | 4.794  | ug/L   | 100      |
| 65) 1,4-Dichlorobenzene        | 11.31 | 146  | 130446   | 4.763  | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene        | 11.69 | 146  | 115911   | 4.746  | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropropan | 12.48 | 75   | 6915     | 5.451  | ug/L   | 97       |
| 69) 1,3,5-Trichlorobenzene     | 12.69 | 180  | 110389   | 4.969  | ug/L   | 100      |
| 70) 1,2,4-trichlorobenzene     | 13.31 | 180  | 91185    | 5.186  | ug/L   | 98       |
| 71) Naphthalene                | 13.55 | 128  | 122786   | 5.033  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene     | 13.79 | 180  | 79063    | 5.074  | ug/L   | 99       |

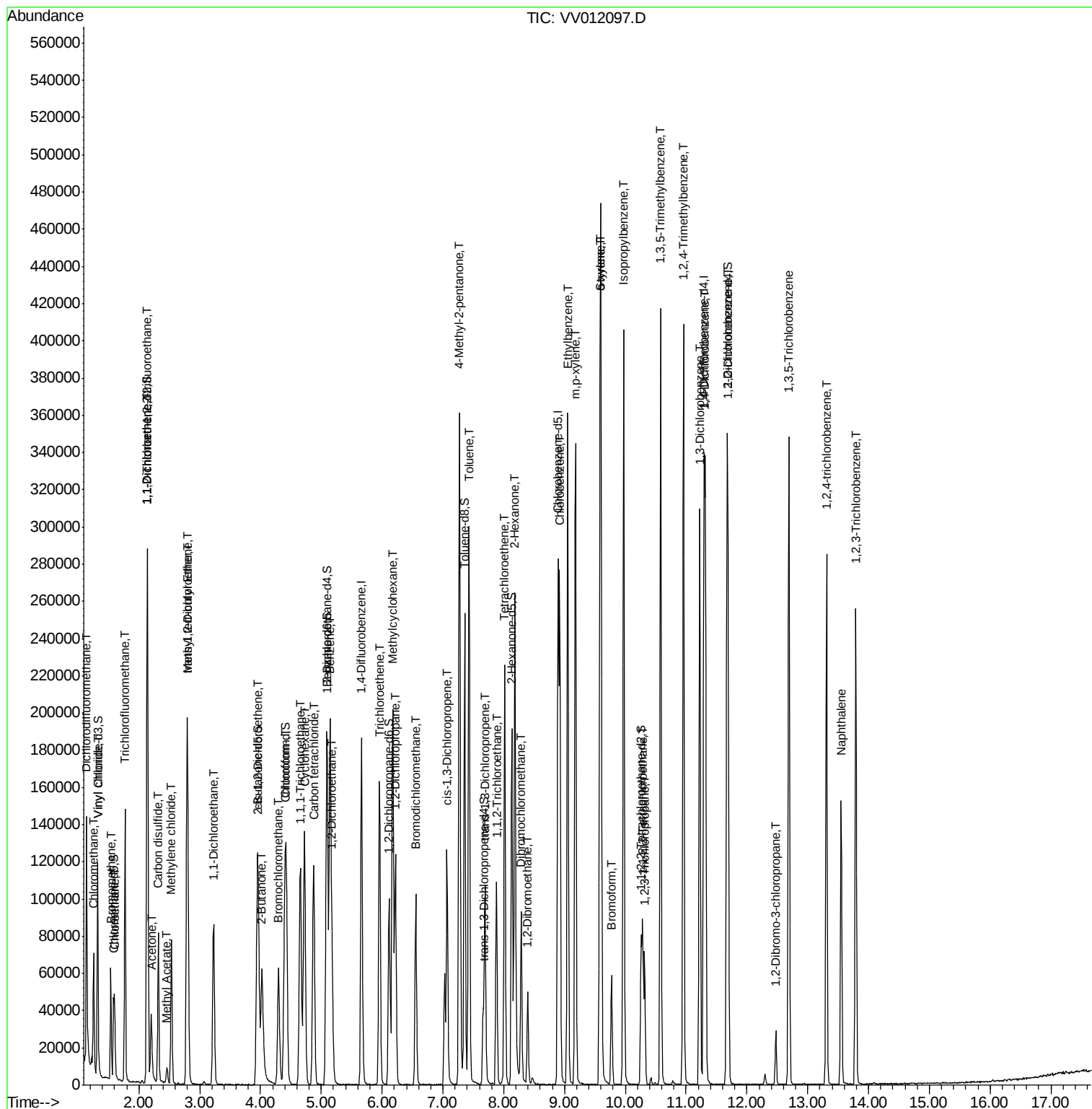
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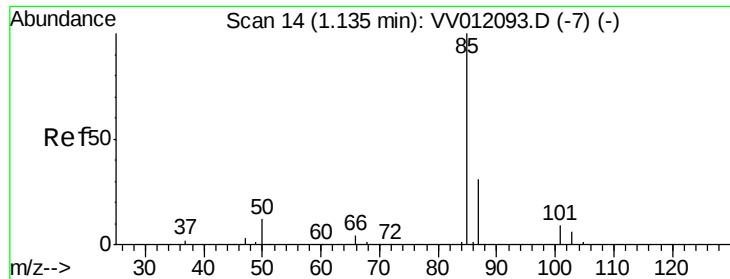
Data File : VV012097.D

```
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Misc        : 25ML/MSVOA_V/WATER
ALS Vial     : 8      Sample Multiplier: 1
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**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
VSTD00558

Quant Time: Aug 02 23:58:23 2019  
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Quant Title : TRACE VOA SOM01.0  
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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 4.214 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

Instrument :

MSVOA\_V

ClientSampleId :

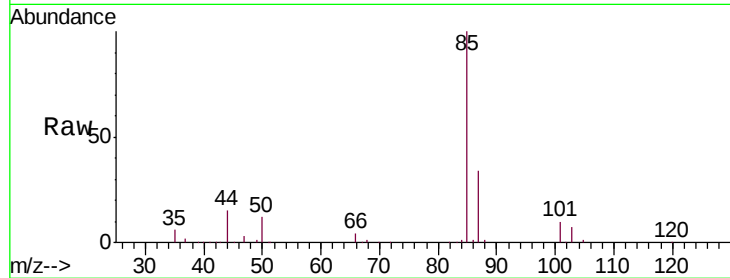
VSTD00558

Tgt Ion: 85 Resp: 76943

Ion Ratio Lower Upper

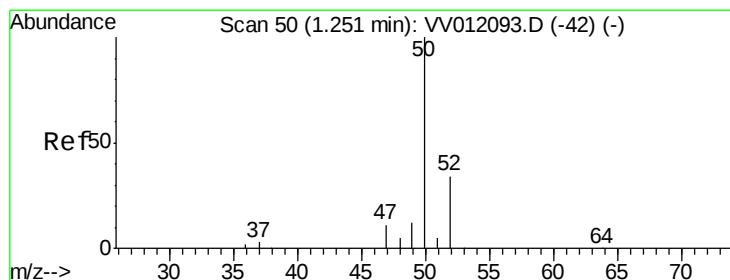
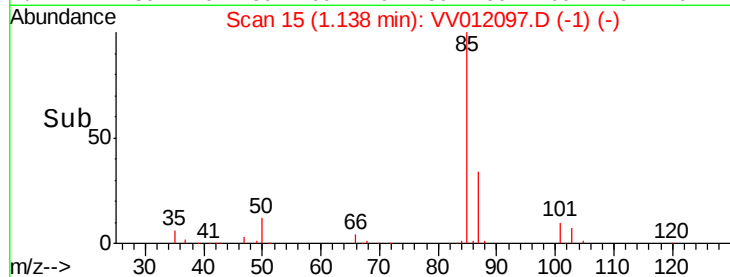
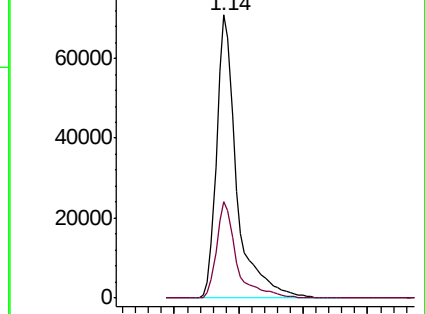
85 100

87 33.9 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VV012097.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VV012097.D (-1) (-)



#3

Chloromethane

Concen: 4.106 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012097.D

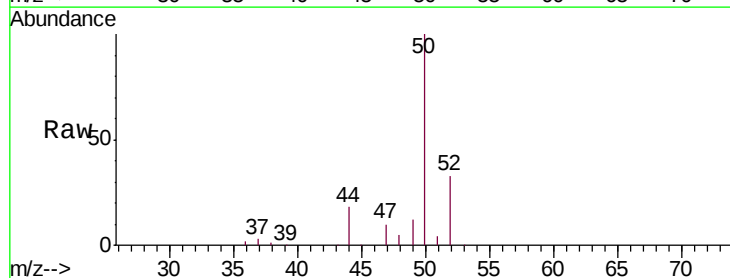
Acq: 02 Aug 2019 13:24

Tgt Ion: 50 Resp: 42922

Ion Ratio Lower Upper

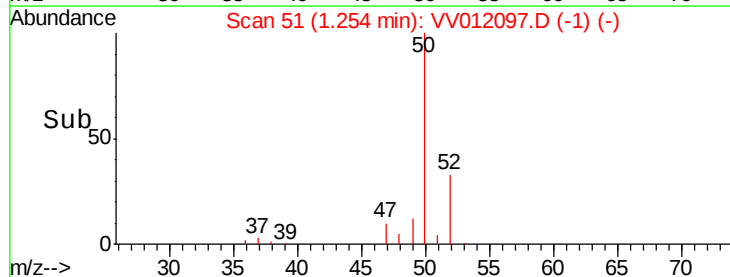
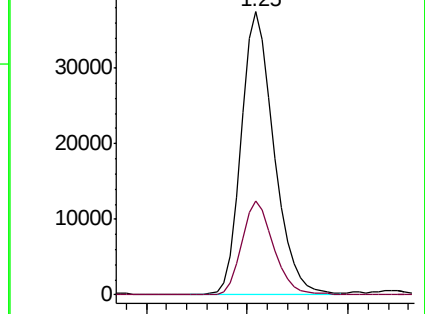
50 100

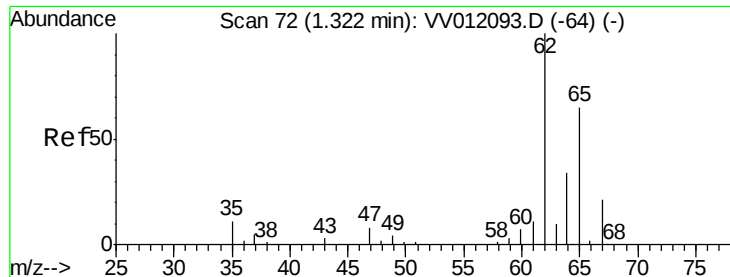
52 33.0 23.4 43.4



Abundance Ion 50.05 (49.75 to 50.75): VV012097.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV012097.D (-1) (-)





#5

Vinyl chloride

Concen: 3.920 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

Instrument :

MSVOA\_V

ClientSampleId :

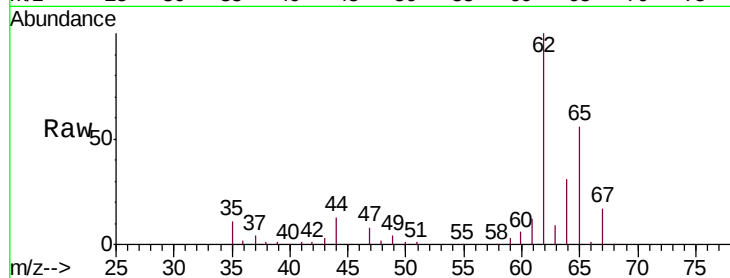
VSTD00558

Tgt Ion: 62 Resp: 41921

Ion Ratio Lower Upper

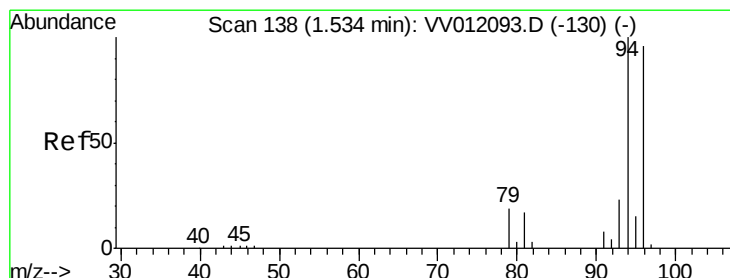
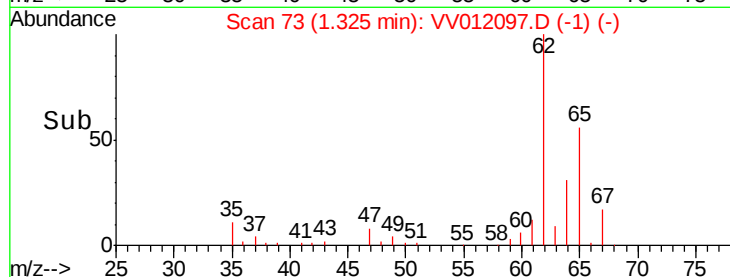
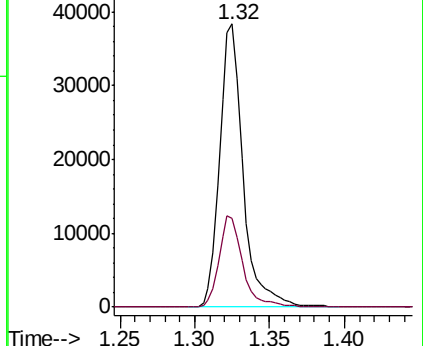
62 100

64 31.4 22.0 41.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#6

Bromomethane

Concen: 3.577 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV012097.D

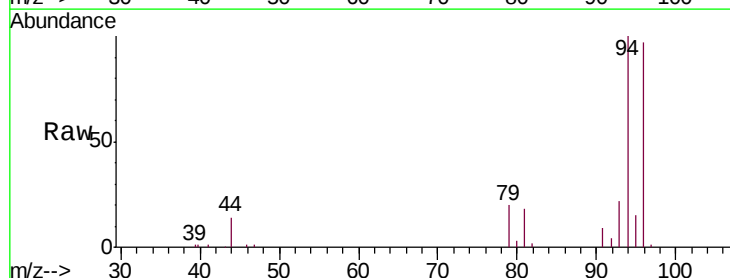
Acq: 02 Aug 2019 13:24

Tgt Ion: 94 Resp: 22864

Ion Ratio Lower Upper

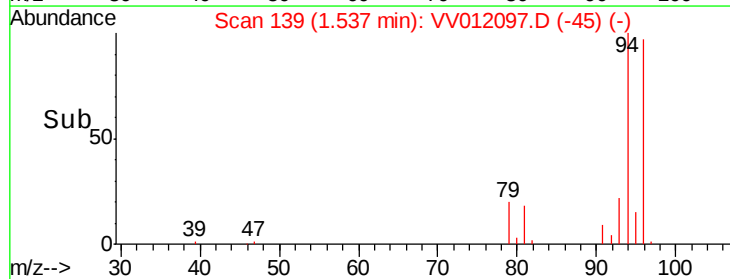
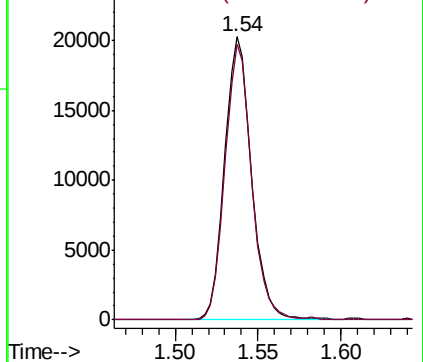
94 100

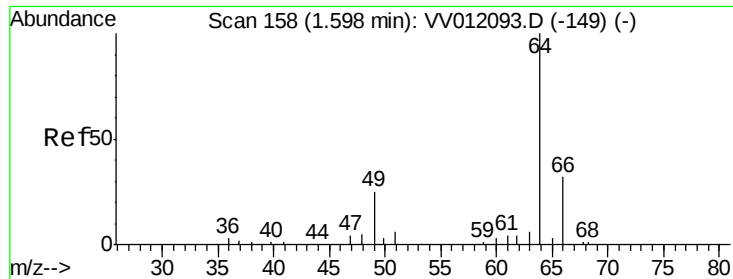
96 97.4 67.8 125.8



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

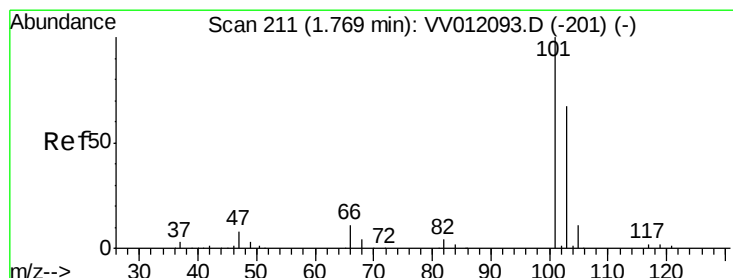
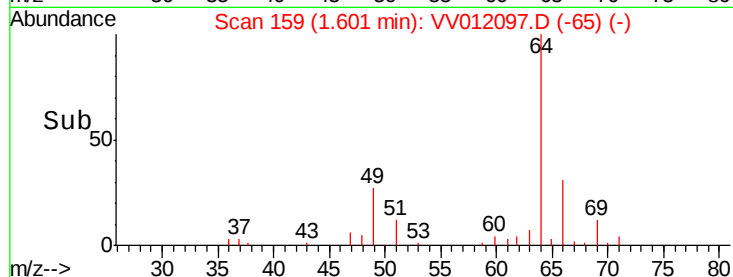
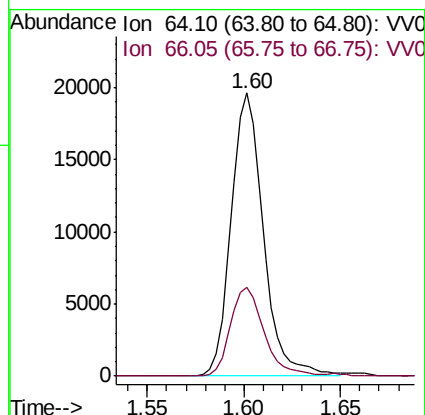
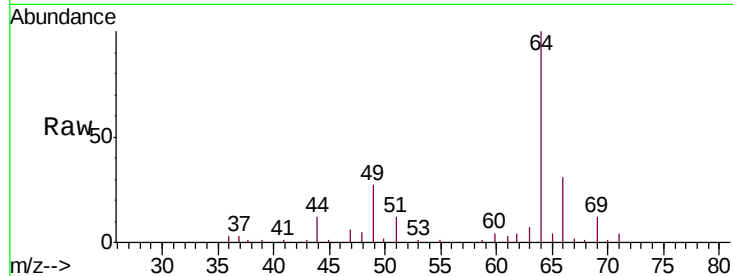




#8  
Chloroethane  
Concen: 3.905 ug/L  
RT: 1.60 min Scan# 159  
Delta R.T. 0.00 min  
Lab File: VV012097.D  
Acq: 02 Aug 2019 13:24

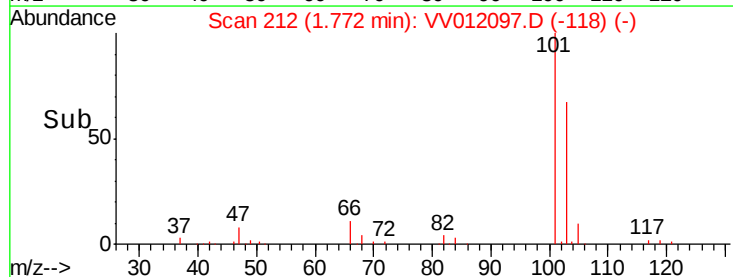
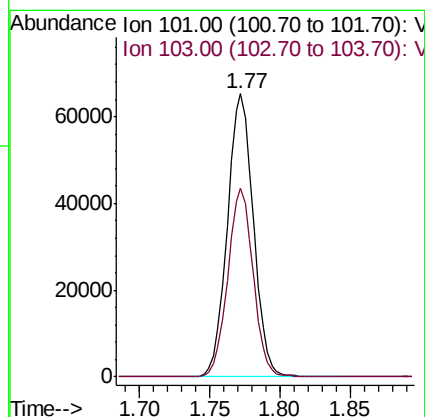
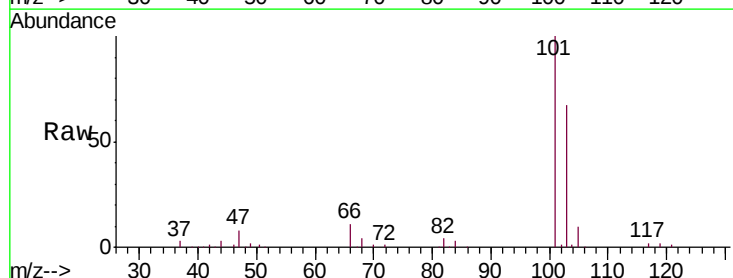
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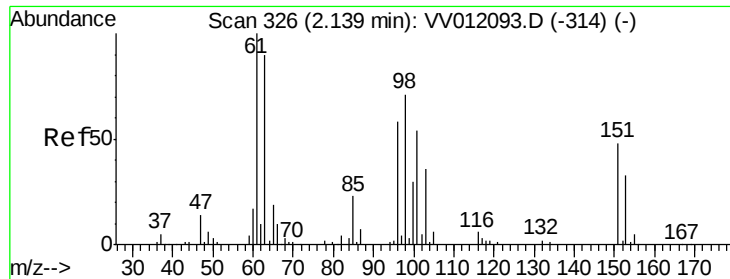
Tgt Ion: 64 Resp: 22693  
Ion Ratio Lower Upper  
64 100  
66 31.5 21.7 40.3



#9  
Trichlorofluoromethane  
Concen: 4.597 ug/L  
RT: 1.77 min Scan# 212  
Delta R.T. 0.00 min  
Lab File: VV012097.D  
Acq: 02 Aug 2019 13:24

Tgt Ion: 101 Resp: 84094  
Ion Ratio Lower Upper  
101 100  
103 64.9 52.6 79.0





#10

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

Concen: 4.638 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

Instrument :

MSVOA\_V

ClientSampleId :

VSTD00558

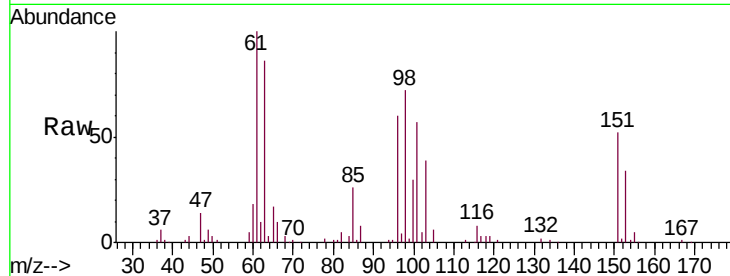
Tgt Ion:101 Resp: 36853

Ion Ratio Lower Upper

101 100

85 43.9 37.8 56.8

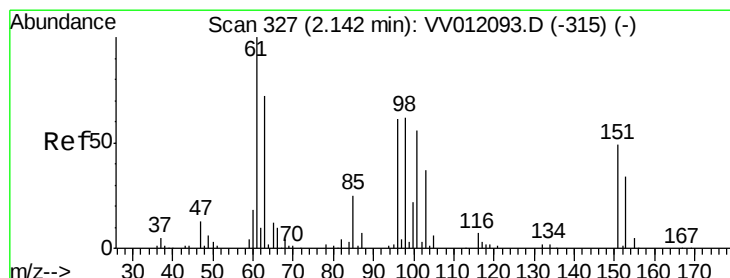
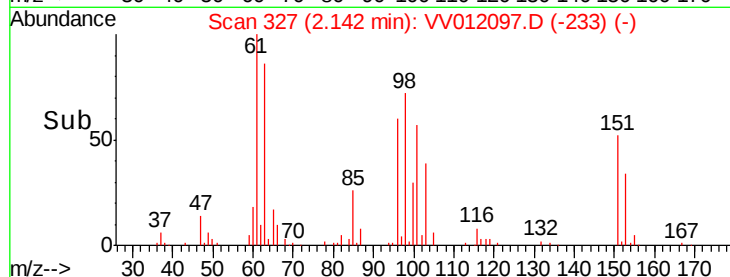
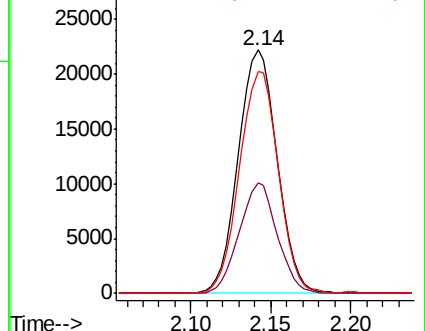
151 90.7 71.4 107.2



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: 4.477 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

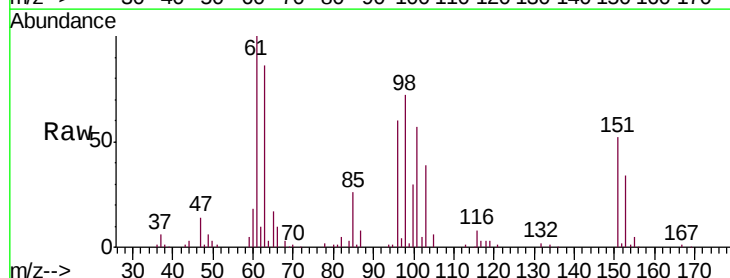
Tgt Ion: 96 Resp: 32957

Ion Ratio Lower Upper

96 100

61 168.0 127.8 237.4

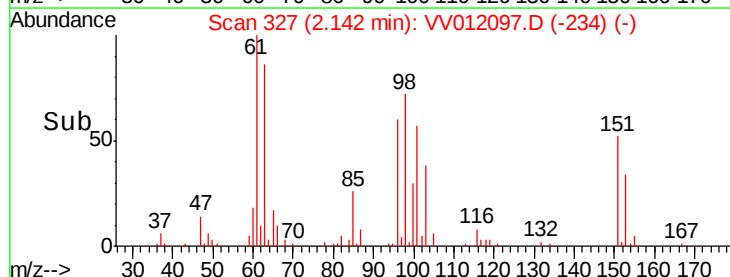
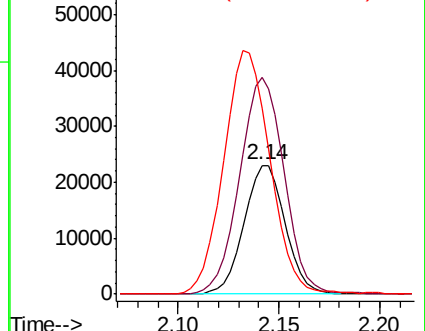
63 144.5 92.7 172.3

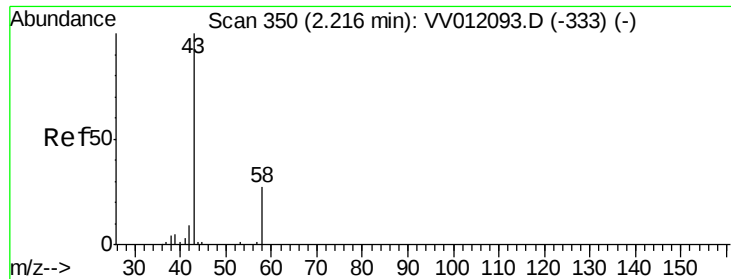


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 40.723 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.01 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

Instrument :

MSVOA\_V

ClientSampleId :

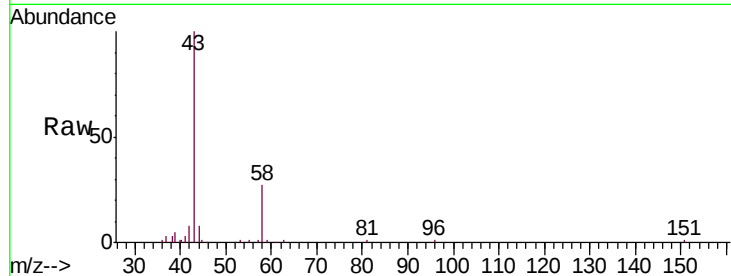
VSTD00558

Tgt Ion: 43 Resp: 46154

Ion Ratio Lower Upper

43 100

58 27.5 0.0 51.6



Abundance Ion 43.05 (42.75 to 43.75): VV012097.D (-257) (-)

Ion 58.05 (57.75 to 58.75): VV012097.D (-257) (-)

2.20

25000

20000

15000

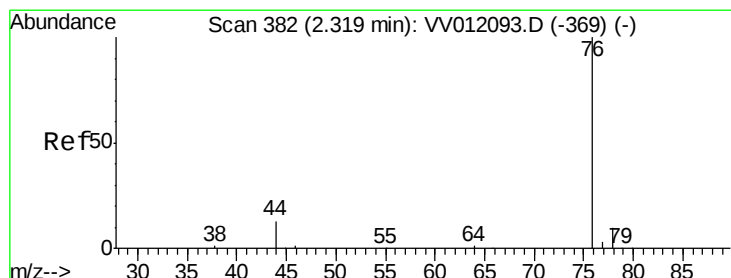
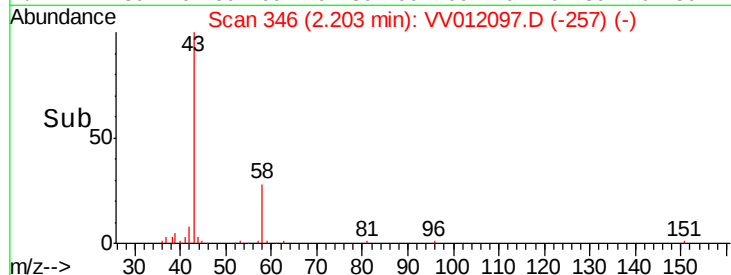
10000

5000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#14

Carbon disulfide

Concen: 4.331 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VV012097.D

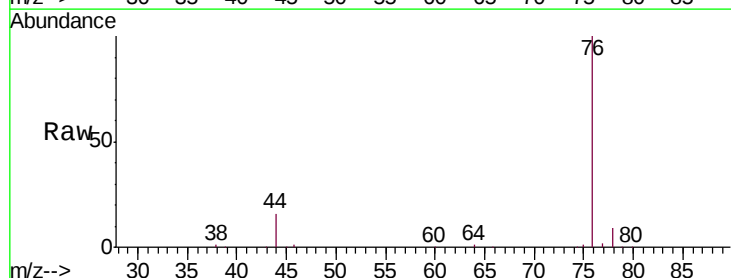
Acq: 02 Aug 2019 13:24

Tgt Ion: 76 Resp: 89019

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VV012097.D (-289) (-)

Ion 78.00 (77.70 to 78.70): VV012097.D (-289) (-)

2.32

60000

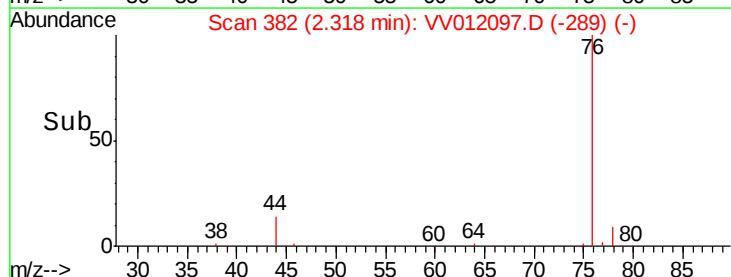
40000

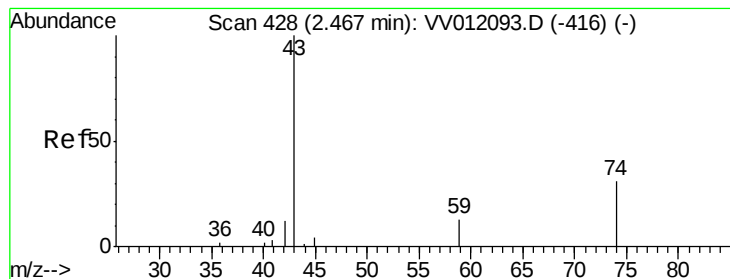
20000

0

Time-->

2.25 2.30 2.35





#15

Methyl Acetate

Concen: 3.934 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.01 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

Instrument :

MSVOA\_V

ClientSampleId :

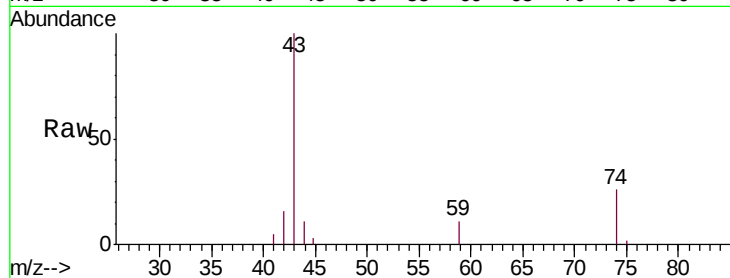
VSTD00558

Tgt Ion: 43 Resp: 9164

Ion Ratio Lower Upper

43 100

74 32.5 24.4 36.6



Abundance Ion 43.05 (42.75 to 43.75): VV012097.D (-416) (-)

Ion 74.05 (73.75 to 74.75): VV012097.D (-416) (-)

2.46

6000

5000

4000

3000

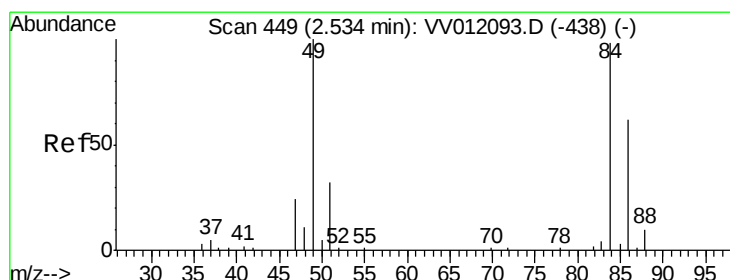
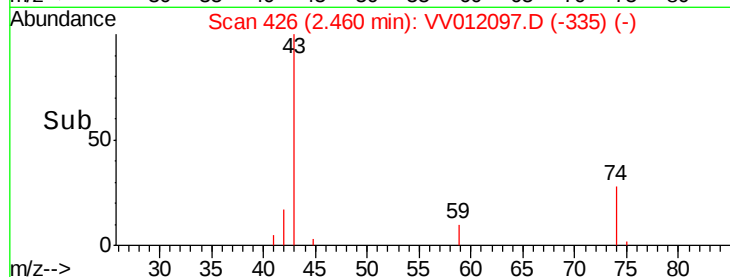
2000

1000

0

Time-->

2.40 2.45 2.50



#16

Methylene chloride

Concen: 4.508 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

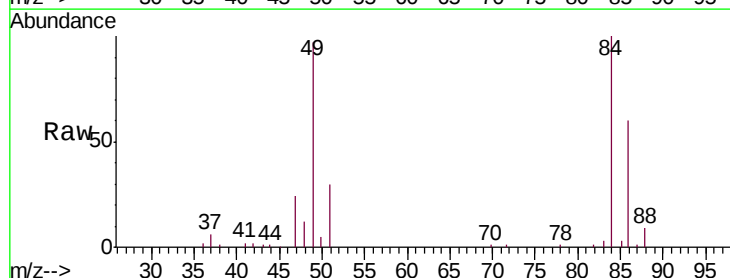
Tgt Ion: 84 Resp: 34032

Ion Ratio Lower Upper

84 100

86 59.6 44.9 83.3

49 96.5 78.6 146.0



Abundance Ion 84.05 (83.75 to 84.75): VV012097.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV012097.D (-438) (-)

Ion 49.10 (48.80 to 49.80): VV012097.D (-438) (-)

2.53

30000

25000

20000

15000

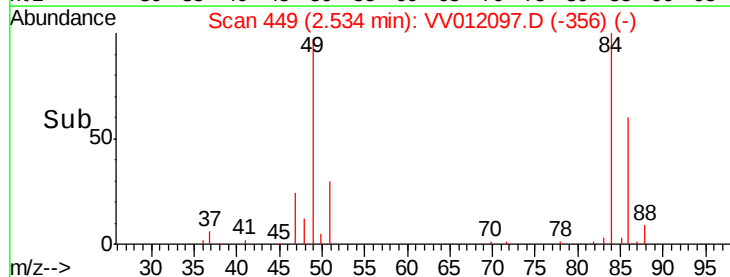
10000

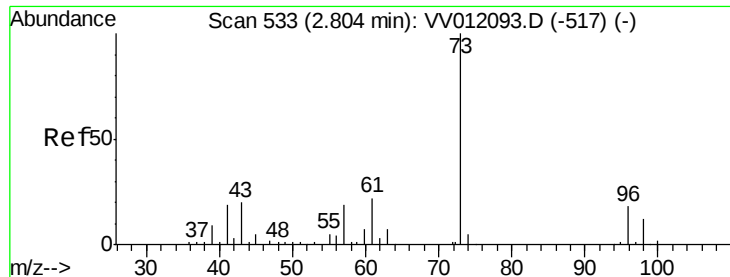
5000

0

Time-->

2.45 2.50 2.55 2.60

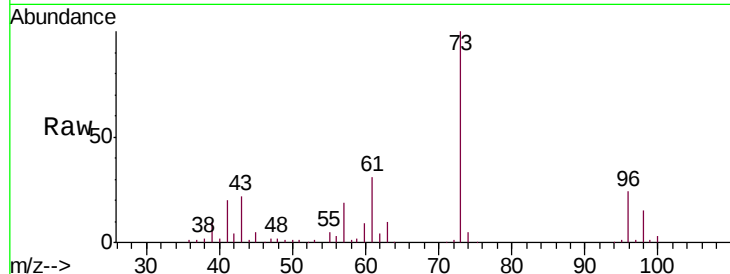




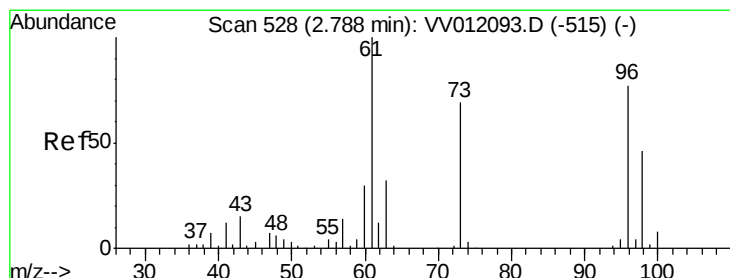
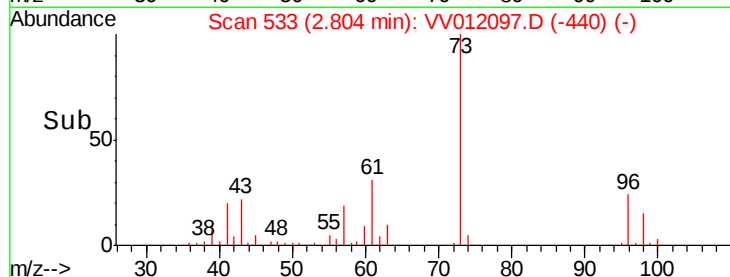
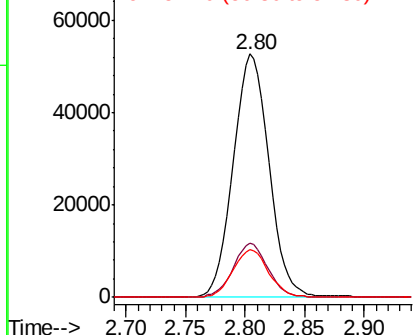
#17  
Methyl tert-butyl Ether  
Concen: 4.748 ug/L  
RT: 2.80 min Scan# 533  
Delta R.T. -0.00 min  
Lab File: VV012097.D  
Acq: 02 Aug 2019 13:24

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00558

Tgt Ion: 73 Resp: 109898  
Ion Ratio Lower Upper  
73 100  
43 21.9 17.6 26.4  
57 19.6 17.0 25.6

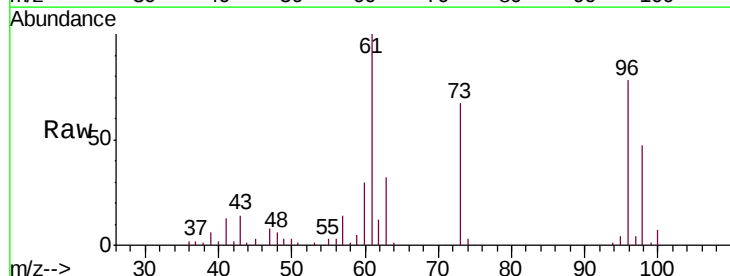


Abundance Ion 73.10 (72.80 to 73.80): VV0  
Ion 43.05 (42.75 to 43.75): VV0  
Ion 57.10 (56.80 to 57.80): VV0

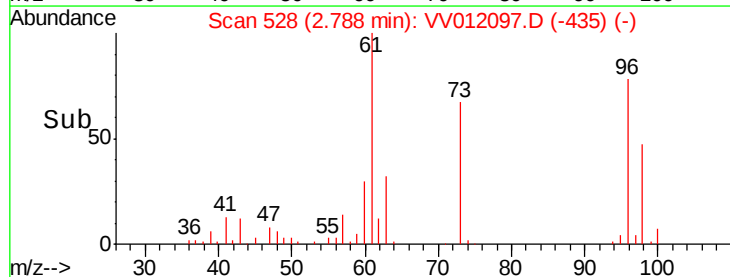
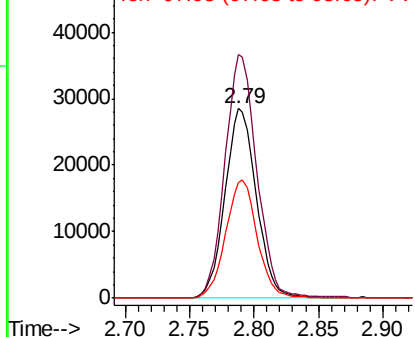


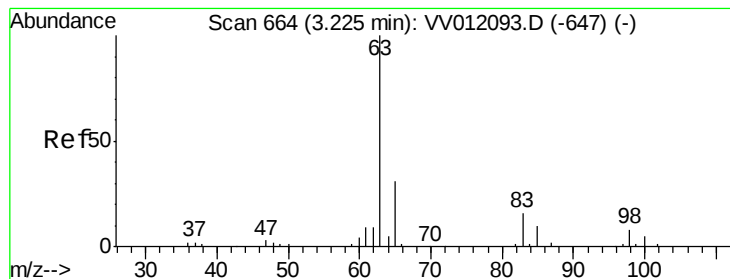
#18  
trans-1,2-Dichloroethene  
Concen: 4.536 ug/L  
RT: 2.79 min Scan# 528  
Delta R.T. -0.00 min  
Lab File: VV012097.D  
Acq: 02 Aug 2019 13:24

Tgt Ion: 96 Resp: 48113  
Ion Ratio Lower Upper  
96 100  
61 128.5 97.2 180.6  
98 61.0 45.0 83.6



Abundance Ion 96.00 (95.70 to 96.70): VV0  
Ion 61.05 (60.75 to 61.75): VV0  
Ion 97.95 (97.65 to 98.65): VV0





#19

1,1-Dichloroethane

Concen: 4.442 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

Instrument :

MSVOA\_V

ClientSampleId :

VSTD00558

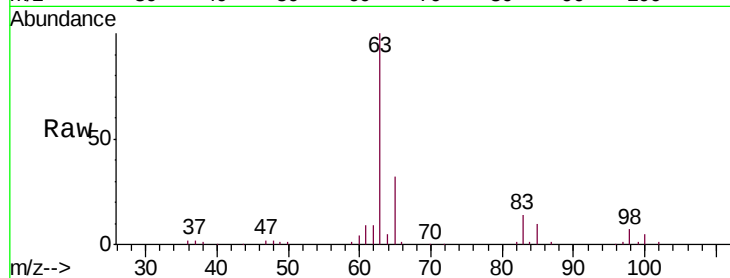
Tgt Ion: 63 Resp: 84246

Ion Ratio Lower Upper

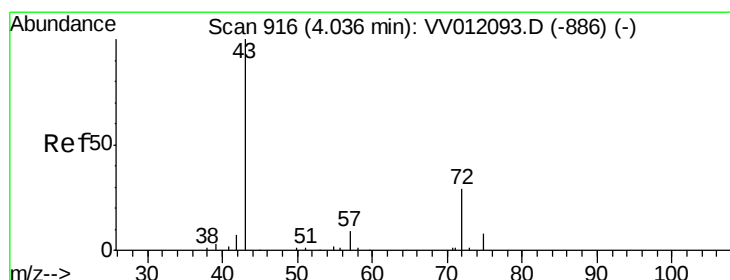
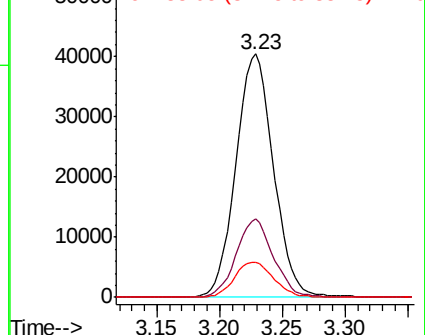
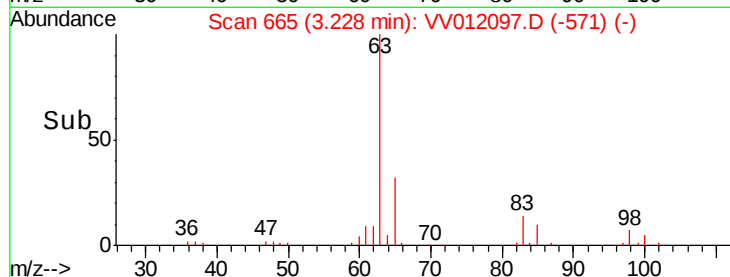
63 100

65 32.1 23.0 42.6

83 14.4 9.7 17.9



Abundance Ion 63.10 (62.80 to 63.80): VV012097.D (-571) (-)



#21

2-Butanone

Concen: 41.564 ug/L

RT: 4.03 min Scan# 913

Delta R.T. -0.01 min

Lab File: VV012097.D

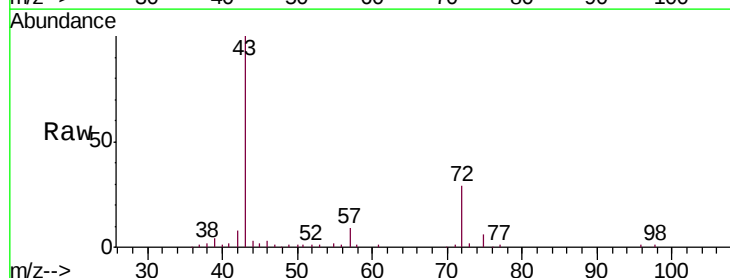
Acq: 02 Aug 2019 13:24

Tgt Ion: 43 Resp: 92948

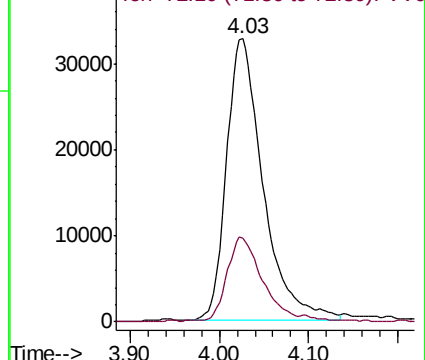
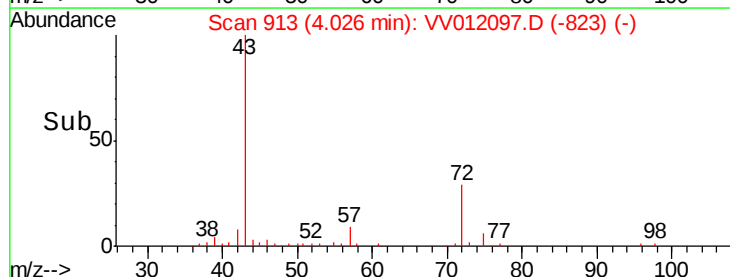
Ion Ratio Lower Upper

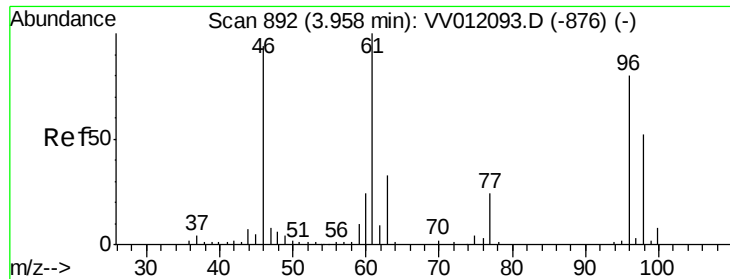
43 100

72 27.9 13.4 40.2



Abundance Ion 43.05 (42.75 to 43.75): VV012097.D (-823) (-)



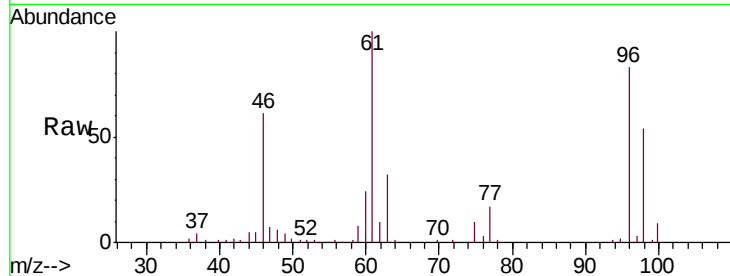


#22

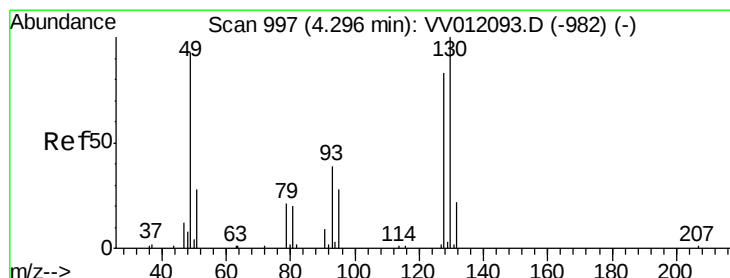
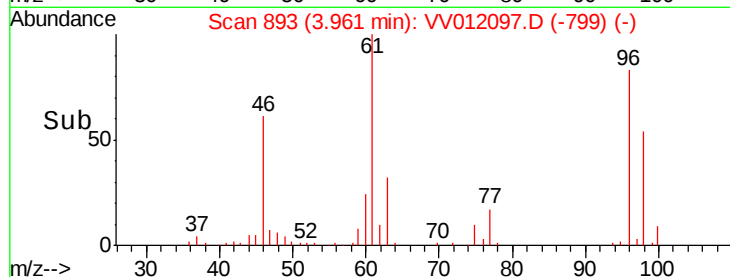
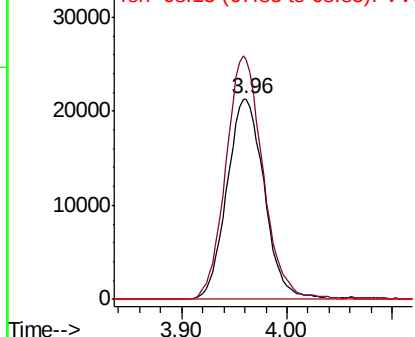
cis-1,2-Dichloroethene  
 Concen: 4.632 ug/L  
 RT: 3.96 min Scan# 893  
 Delta R.T. 0.00 min  
 Lab File: VV012097.D  
 Acq: 02 Aug 2019 13:24

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00558

Tgt Ion: 96 Resp: 52307  
 Ion Ratio Lower Upper  
 96 100  
 61 119.9 90.0 167.2  
 68 0.0 0.0 0.0



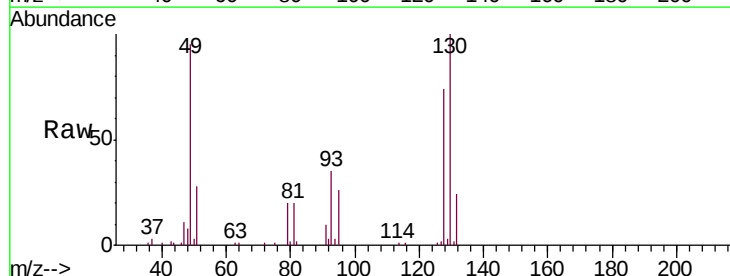
Abundance Ion 96.00 (95.70 to 96.70): VV0  
 Ion 61.05 (60.75 to 61.75): VV0  
 Ion 68.15 (67.85 to 68.85): VV0



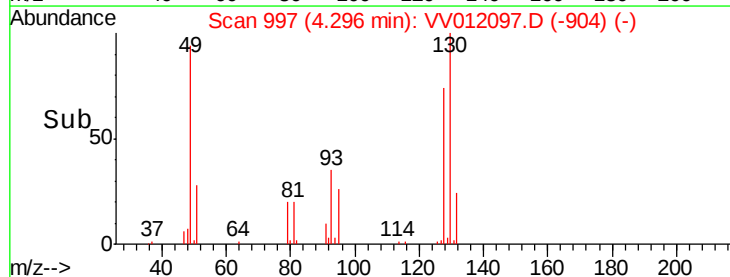
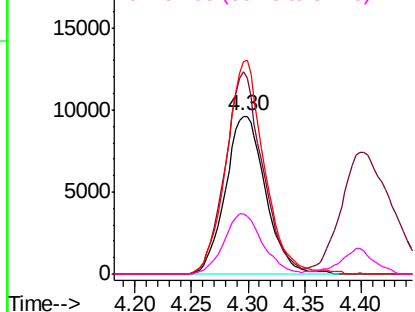
#23

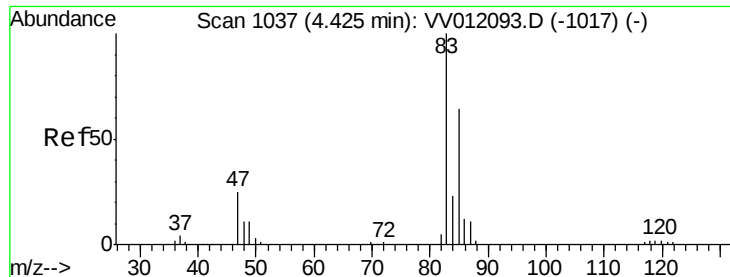
Bromochloromethane  
 Concen: 4.787 ug/L  
 RT: 4.30 min Scan# 997  
 Delta R.T. -0.00 min  
 Lab File: VV012097.D  
 Acq: 02 Aug 2019 13:24

Tgt Ion: 128 Resp: 23711  
 Ion Ratio Lower Upper  
 128 100  
 49 128.0 105.1 195.1  
 130 134.6 88.9 165.1  
 51 37.9 36.2 54.2



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

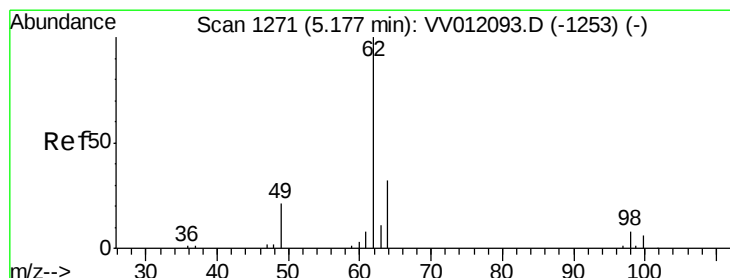
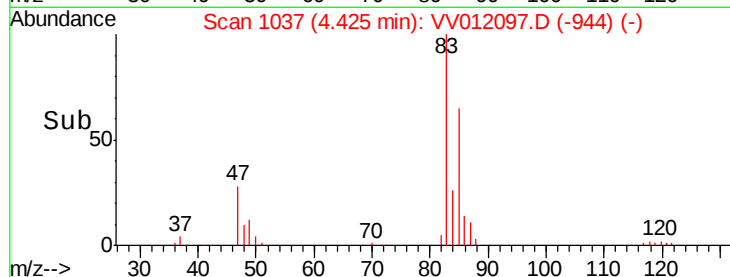
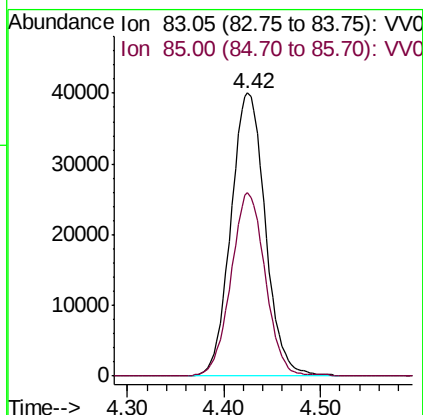
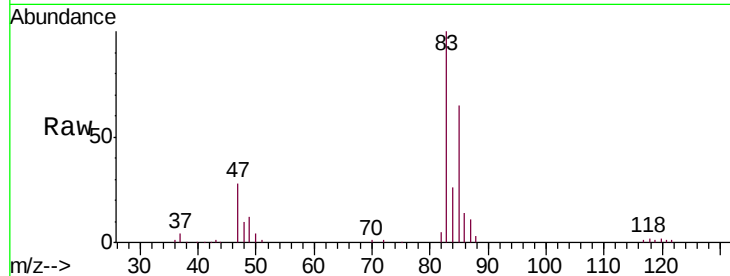




#25  
Chloroform  
Concen: 4.164 ug/L  
RT: 4.42 min Scan# 1037  
Delta R.T. -0.00 min  
Lab File: VV012097.D  
Acq: 02 Aug 2019 13:24

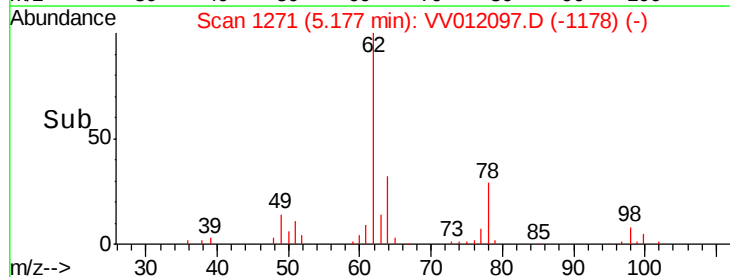
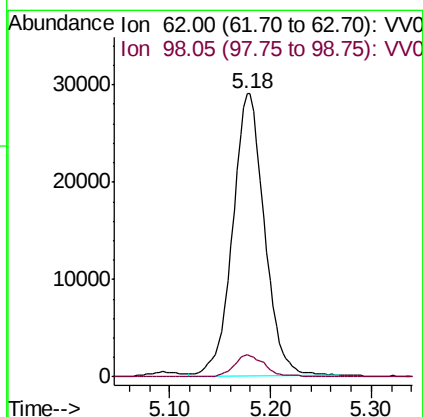
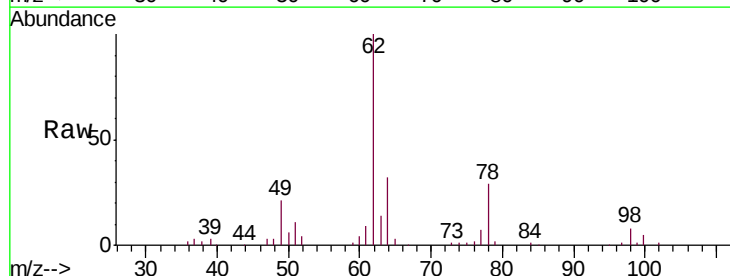
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00558

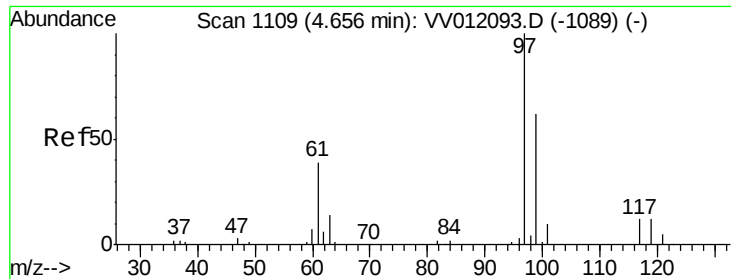
Tgt Ion: 83 Resp: 99032  
Ion Ratio Lower Upper  
83 100  
85 64.7 45.2 84.0



#27  
1,2-Dichloroethane  
Concen: 4.829 ug/L  
RT: 5.18 min Scan# 1271  
Delta R.T. -0.00 min  
Lab File: VV012097.D  
Acq: 02 Aug 2019 13:24

Tgt Ion: 62 Resp: 63380  
Ion Ratio Lower Upper  
62 100  
98 7.7 7.0 10.6

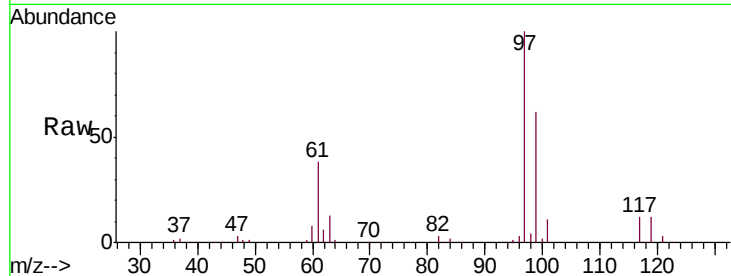




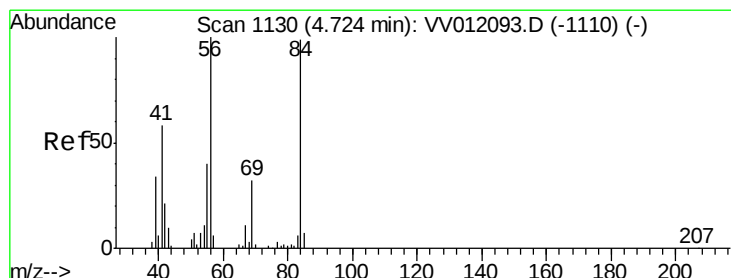
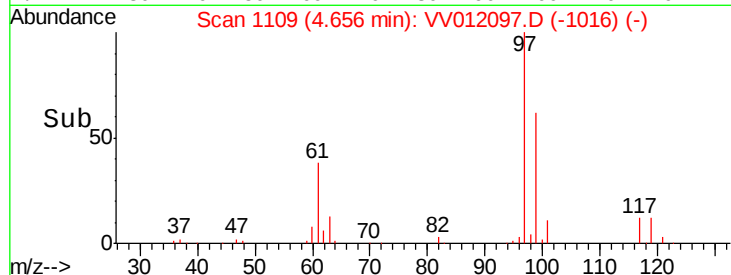
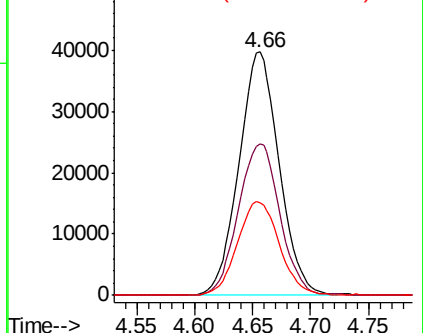
#29  
 1,1,1-Trichloroethane  
 Concen: 5.149 ug/L  
 RT: 4.66 min Scan# 1109  
 Delta R.T. -0.00 min  
 Lab File: VV012097.D  
 Acq: 02 Aug 2019 13:24

Instrument :  
 MSVOA\_V  
 ClientSampleID :  
 VSTD00558

Tgt Ion: 97 Resp: 95992  
 Ion Ratio Lower Upper  
 97 100  
 99 64.3 51.8 77.8  
 61 40.1 34.5 51.7

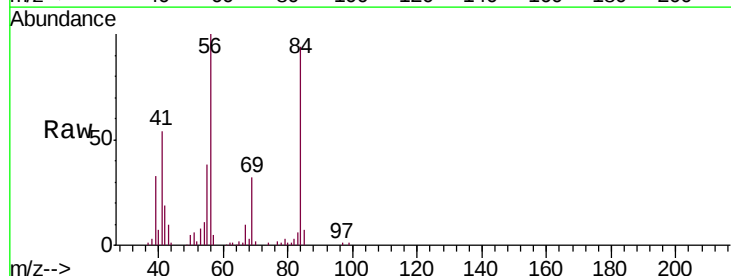


Abundance Ion 96.95 (96.65 to 97.65): VV0  
 Ion 99.05 (98.75 to 99.75): VV0  
 Ion 61.05 (60.75 to 61.75): VV0

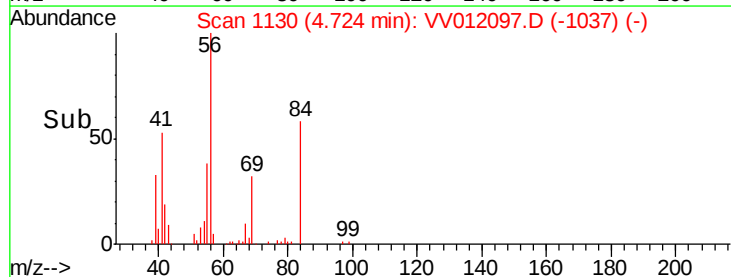
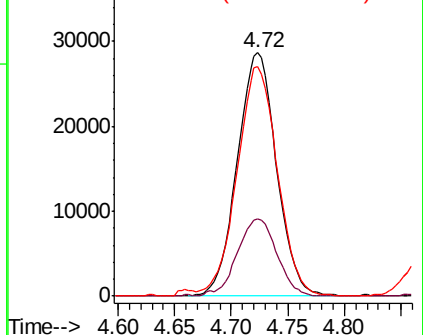


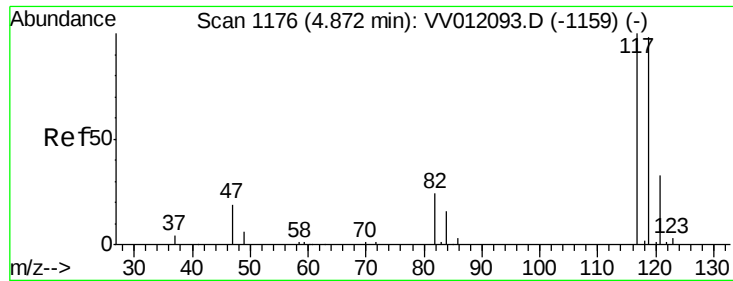
#30  
 Cyclohexane  
 Concen: 4.342 ug/L  
 RT: 4.72 min Scan# 1130  
 Delta R.T. -0.00 min  
 Lab File: VV012097.D  
 Acq: 02 Aug 2019 13:24

Tgt Ion: 56 Resp: 69238  
 Ion Ratio Lower Upper  
 56 100  
 69 31.9 24.8 37.2  
 84 97.0 75.4 113.2



Abundance Ion 56.10 (55.80 to 56.80): VV0  
 Ion 69.15 (68.85 to 69.85): VV0  
 Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 5.393 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

Instrument :

MSVOA\_V

ClientSampleId :

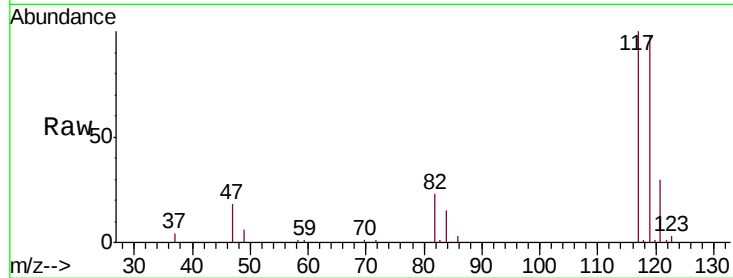
VSTD00558

Tgt Ion:117 Resp: 90450

Ion Ratio Lower Upper

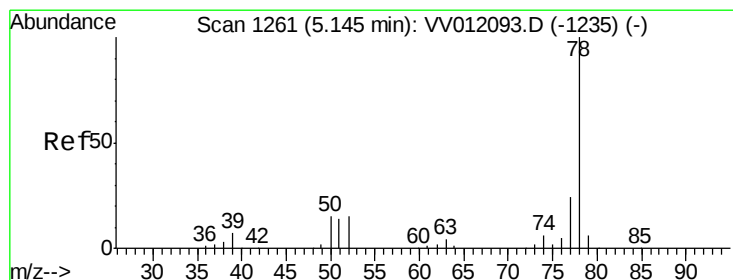
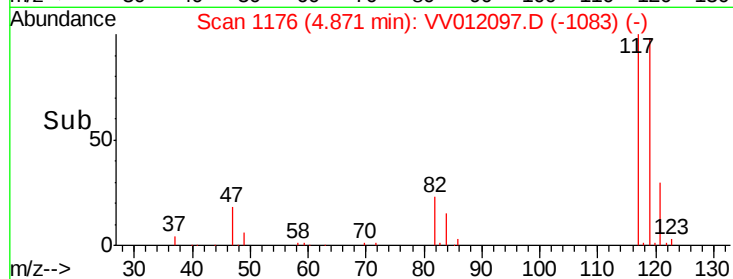
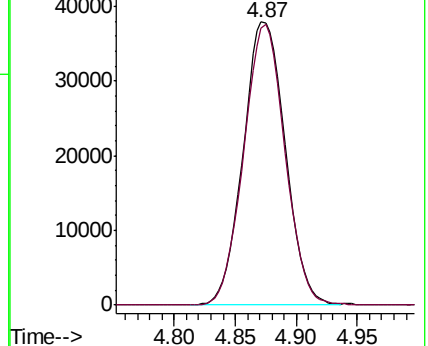
117 100

119 97.0 77.7 116.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 4.642 ug/L

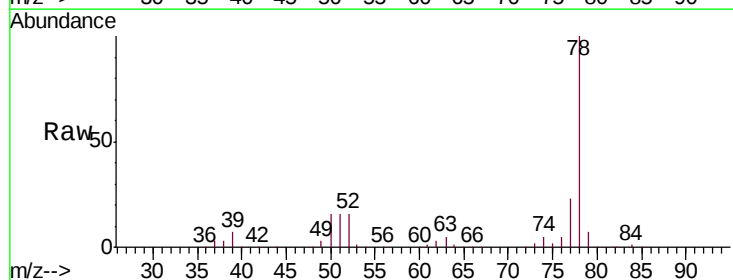
RT: 5.14 min Scan# 1261

Delta R.T. -0.00 min

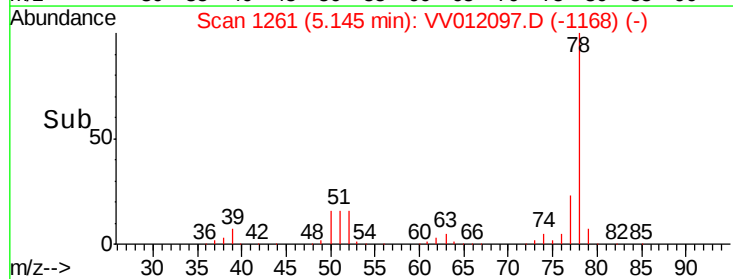
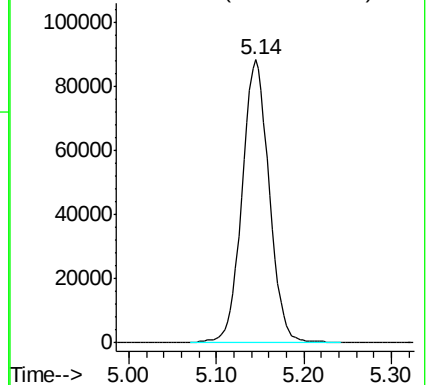
Lab File: VV012097.D

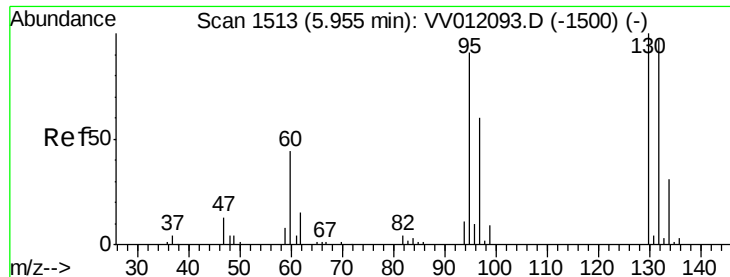
Acq: 02 Aug 2019 13:24

Tgt Ion: 78 Resp: 190165



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 4.735 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

Instrument :

MSVOA\_V

ClientSampleId :

VSTD00558

Tgt Ion: 95 Resp: 55319

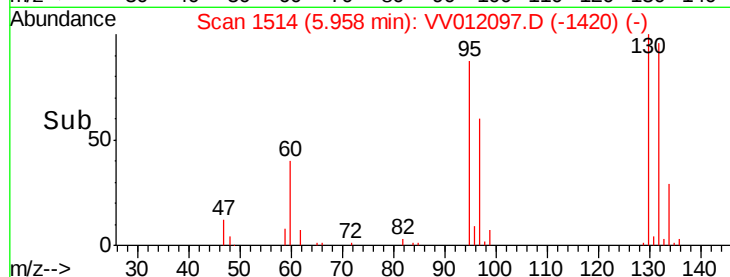
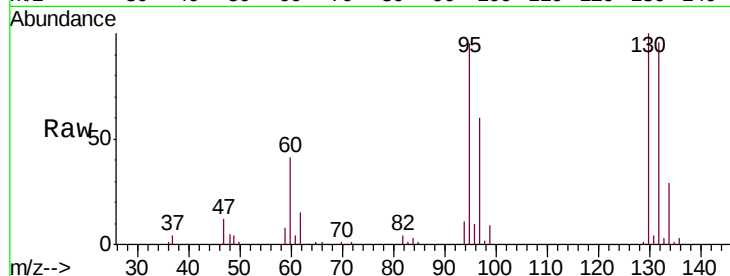
Ion Ratio Lower Upper

95 100

97 62.8 42.8 79.6

132 101.2 70.8 131.6

130 105.2 72.3 134.3

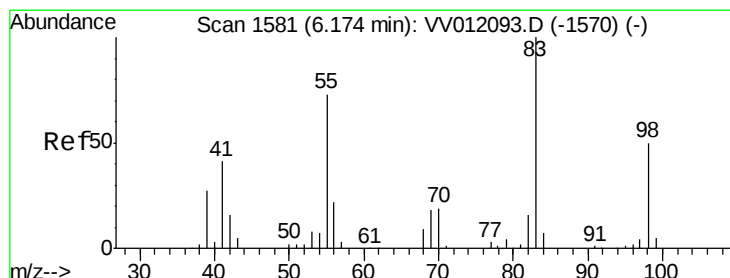
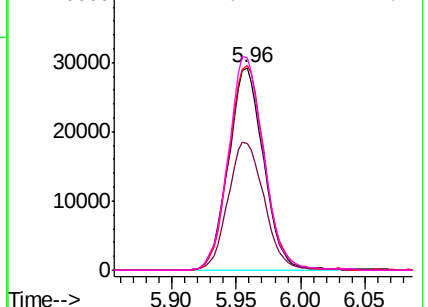


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 4.577 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

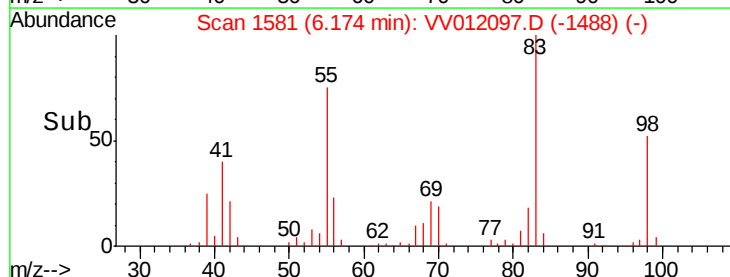
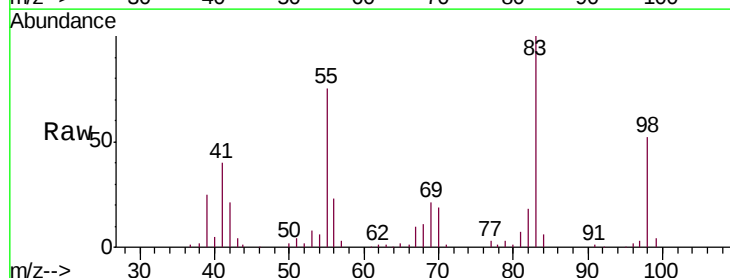
Tgt Ion: 83 Resp: 83769

Ion Ratio Lower Upper

83 100

55 71.5 60.1 90.1

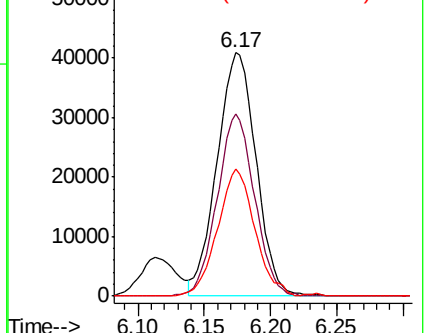
98 49.9 40.2 60.4

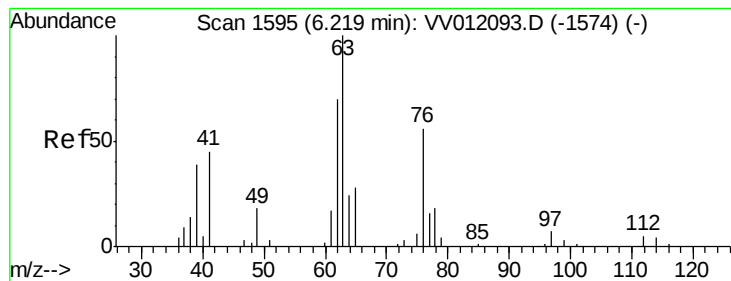


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 4.335 ug/L

RT: 6.22 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

Instrument :

MSVOA\_V

ClientSampleId :

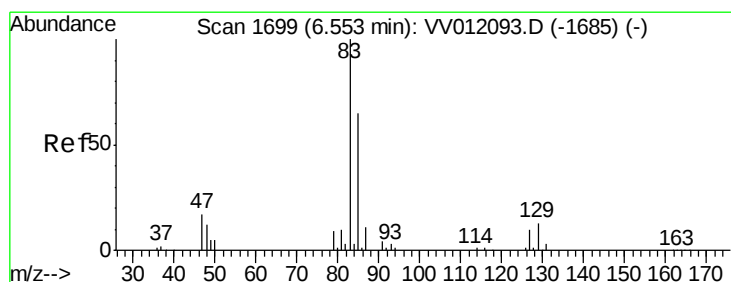
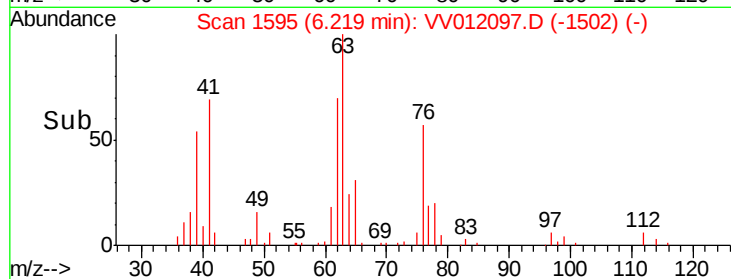
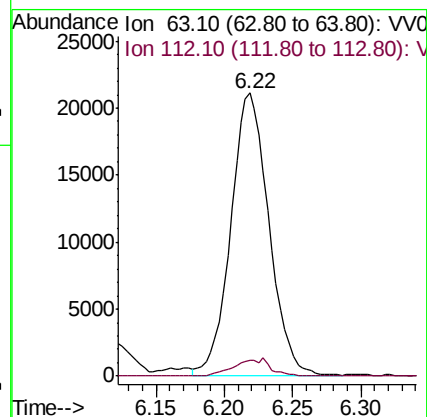
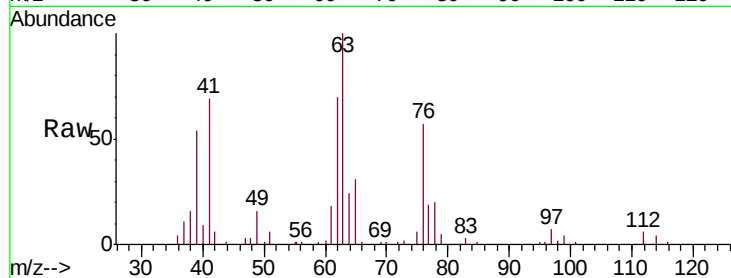
VSTD00558

Tgt Ion: 63 Resp: 41083

Ion Ratio Lower Upper

63 100

112 5.8 3.8 5.6#



#38

Bromodichloromethane

Concen: 5.031 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

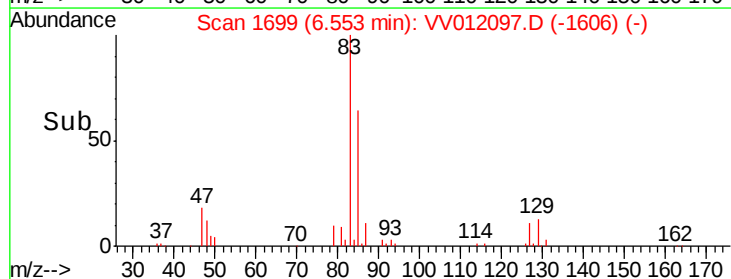
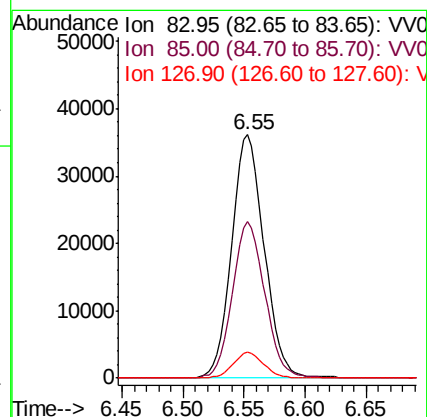
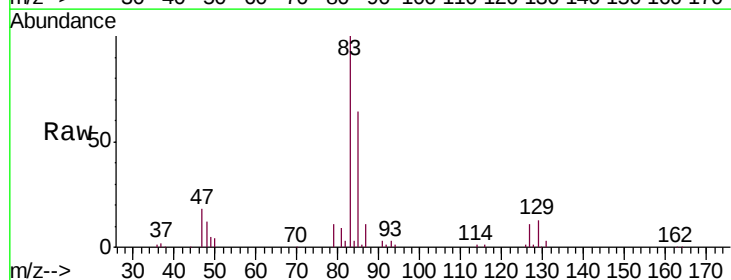
Tgt Ion: 83 Resp: 67319

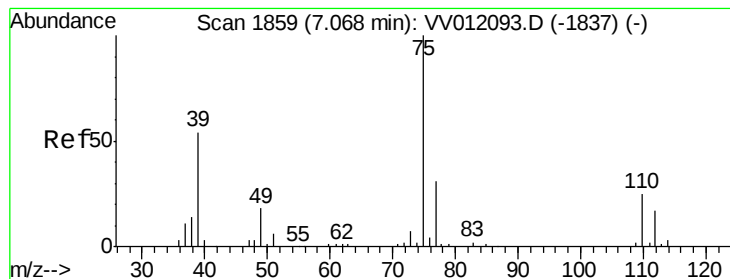
Ion Ratio Lower Upper

83 100

85 64.1 43.9 81.5

127 10.8 6.9 10.3#





#39

cis-1,3-Dichloropropene

Concen: 4.778 ug/L

RT: 7.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

Instrument :

MSVOA\_V

ClientSampleId :

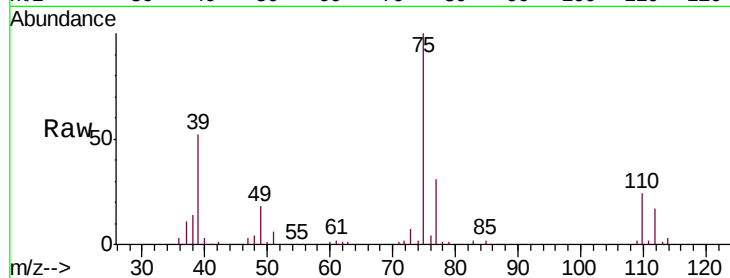
VSTD00558

Tgt Ion: 75 Resp: 71005

Ion Ratio Lower Upper

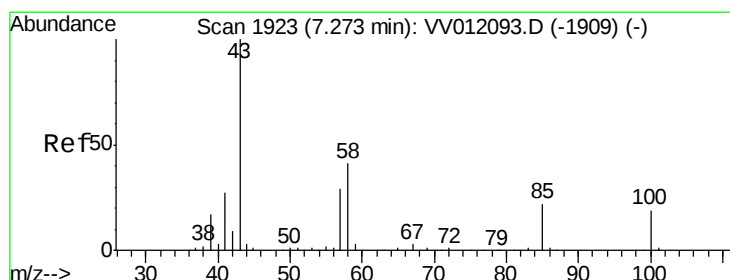
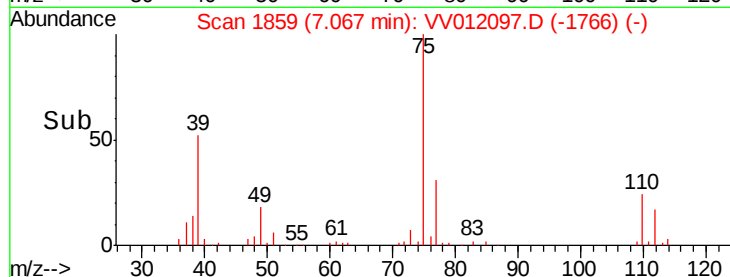
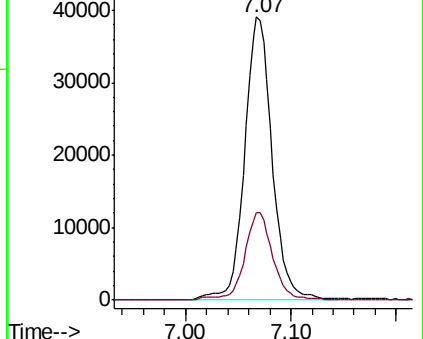
75 100

77 30.8 22.4 41.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#40

4-Methyl-2-pentanone

Concen: 43.104 ug/L

RT: 7.27 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

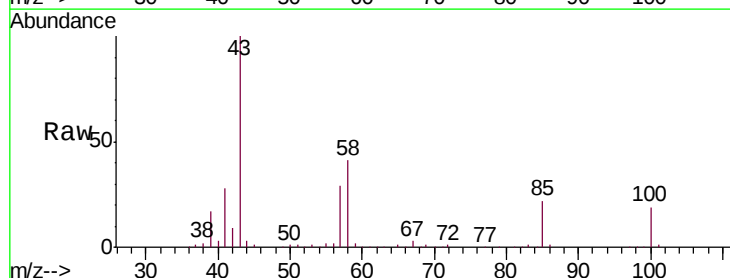
Tgt Ion: 43 Resp: 230424

Ion Ratio Lower Upper

43 100

58 39.8 31.9 47.9

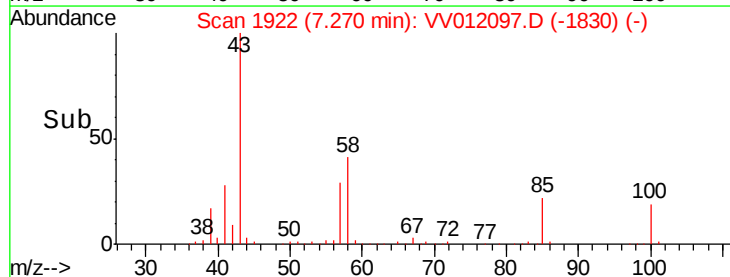
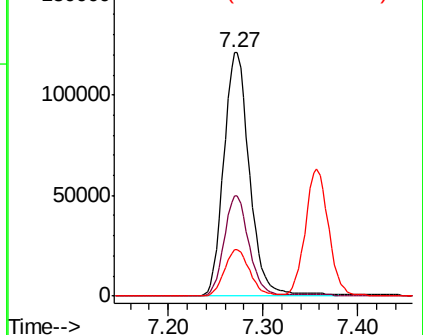
100 18.8 14.0 21.0

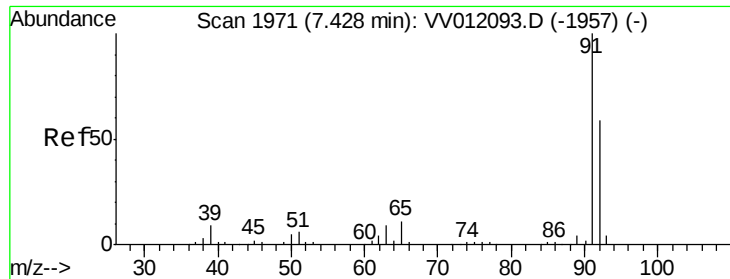


Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 100.15 (99.85 to 100.85): VV0





#42

Toluene

Concen: 4.725 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

Instrument :

MSVOA\_V

ClientSampleId :

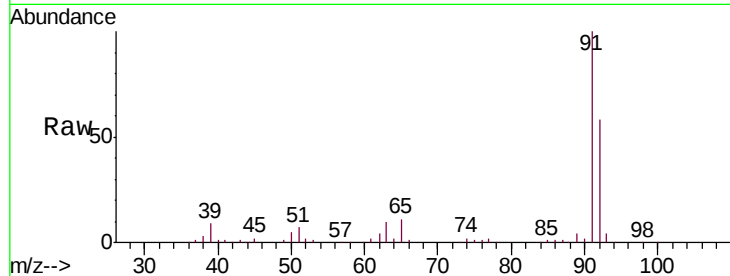
VSTD00558

Tgt Ion: 91 Resp: 215217

Ion Ratio Lower Upper

91 100

92 57.9 41.3 76.7



Abundance Ion 91.15 (90.85 to 91.85): VV012097.D (-1957) (-)

Ion 92.15 (91.85 to 92.85): VV012097.D (-1957) (-)

7.43

150000

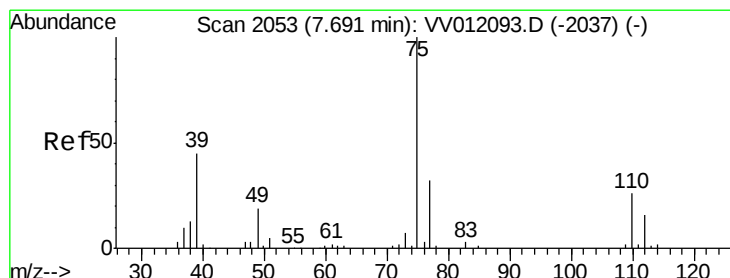
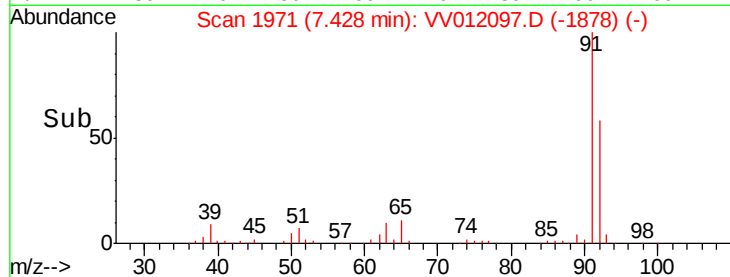
100000

50000

0

7.35 7.40 7.45 7.50

Time-->



#44

trans-1,3-Dichloropropene

Concen: 4.886 ug/L

RT: 7.69 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VV012097.D

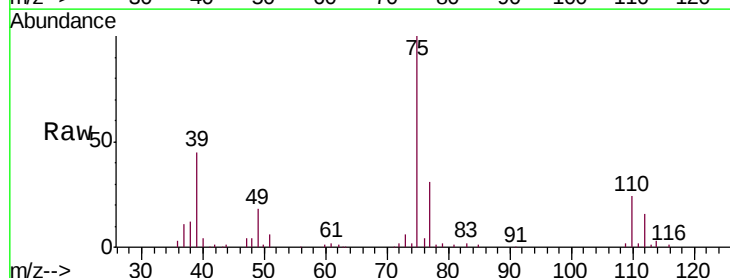
Acq: 02 Aug 2019 13:24

Tgt Ion: 75 Resp: 58708

Ion Ratio Lower Upper

75 100

77 30.6 21.6 40.0



Abundance Ion 75.05 (74.75 to 75.75): VV012097.D (-2037) (-)

Ion 77.05 (76.75 to 77.75): VV012097.D (-2037) (-)

7.69

40000

30000

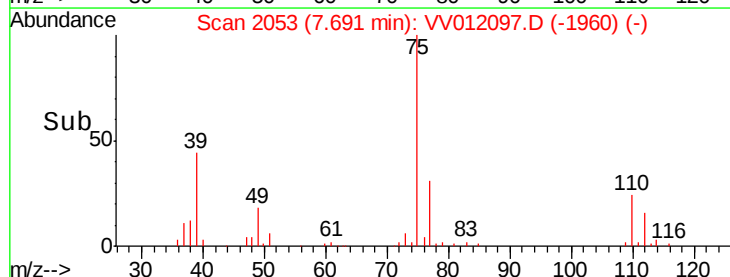
20000

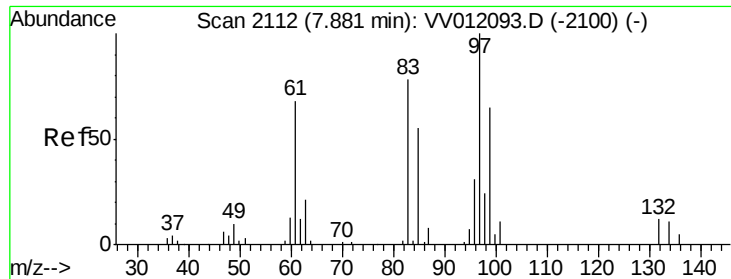
10000

0

7.60 7.70 7.80

Time-->

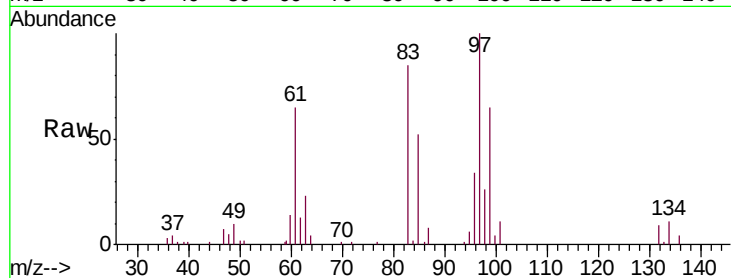




#45  
 1,1,2-Trichloroethane  
 Concen: 4.526 ug/L  
 RT: 7.88 min Scan# 2112  
 Delta R.T. -0.00 min  
 Lab File: VV012097.D  
 Acq: 02 Aug 2019 13:24

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00558

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 32712 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 64.8  | 42.0  | 78.0  |
| 83       | 85.1  | 57.6  | 107.0 |
| 85       | 52.0  | 34.6  | 64.2  |



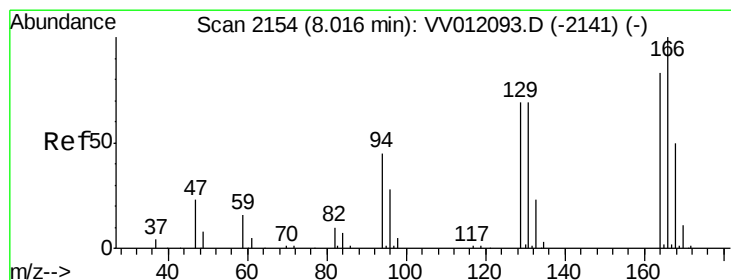
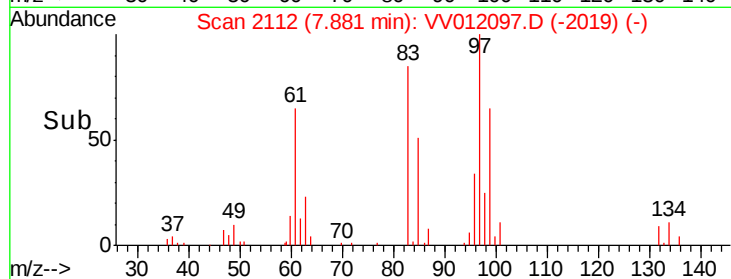
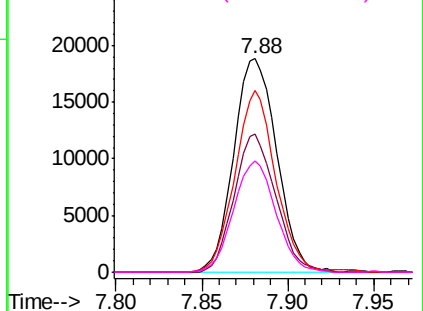
Abundance

Ion 96.95 (96.65 to 97.65): VV012097.D (-2019) (-)

Ion 99.05 (98.75 to 99.75): VV012097.D (-2019) (-)

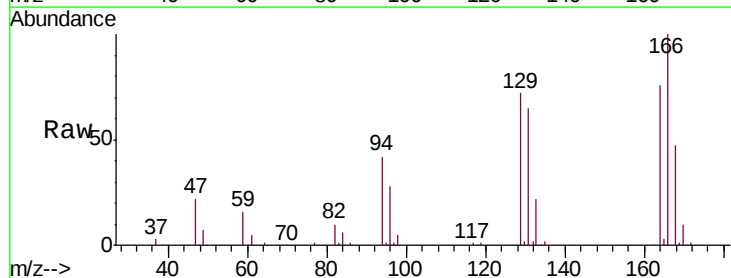
Ion 82.95 (82.65 to 83.65): VV012097.D (-2019) (-)

Ion 85.00 (84.70 to 85.70): VV012097.D (-2019) (-)



#47  
 Tetrachloroethene  
 Concen: 5.111 ug/L  
 RT: 8.02 min Scan# 2154  
 Delta R.T. -0.00 min  
 Lab File: VV012097.D  
 Acq: 02 Aug 2019 13:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 52177 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 94.4  | 61.9  | 114.9 |
| 131      | 85.5  | 59.4  | 110.4 |
| 166      | 130.8 | 89.6  | 166.4 |



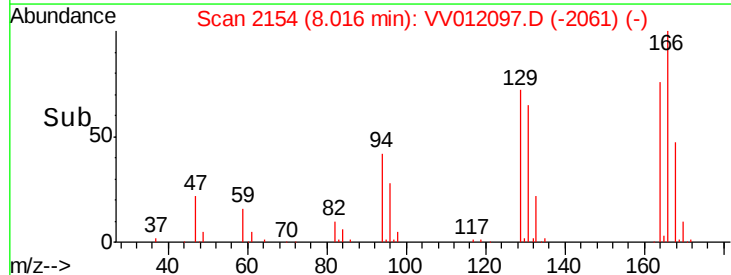
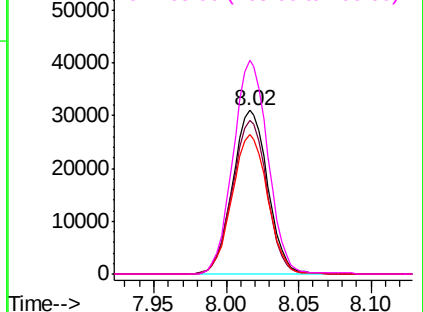
Abundance

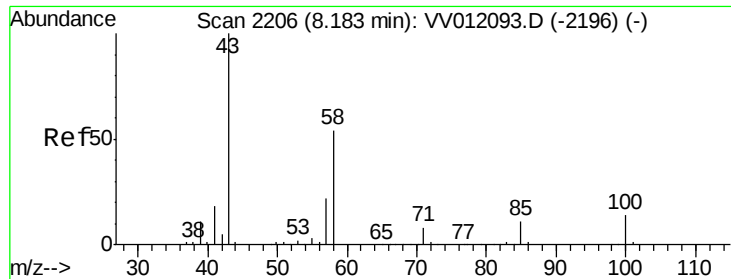
Ion 163.90 (163.60 to 164.60): VV012097.D (-2061) (-)

Ion 128.95 (128.65 to 129.65): VV012097.D (-2061) (-)

Ion 130.95 (130.65 to 131.65): VV012097.D (-2061) (-)

Ion 165.90 (165.60 to 166.60): VV012097.D (-2061) (-)

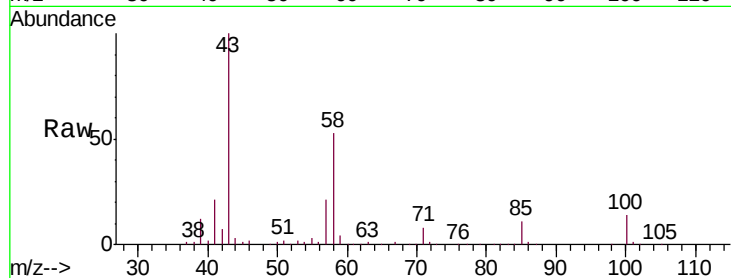




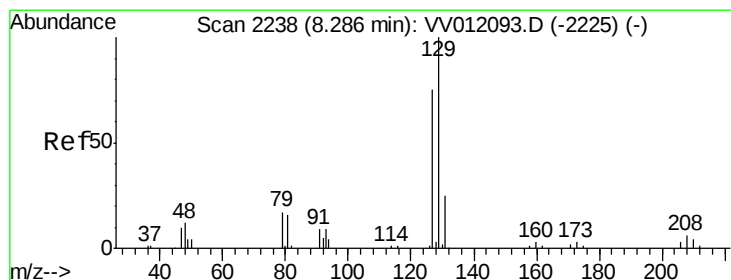
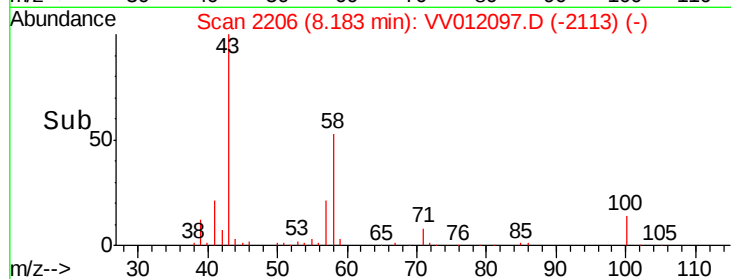
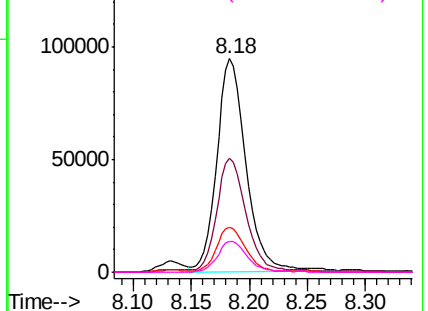
#48  
2-Hexanone  
Concen: 43.719 ug/L  
RT: 8.18 min Scan# 2206  
Delta R.T. -0.00 min  
Lab File: VV012097.D  
Acq: 02 Aug 2019 13:24

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00558

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 165175 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 54.0  | 44.1  | 66.1   |
| 57       | 20.9  | 16.1  | 24.1   |
| 100      | 14.9  | 11.3  | 16.9   |

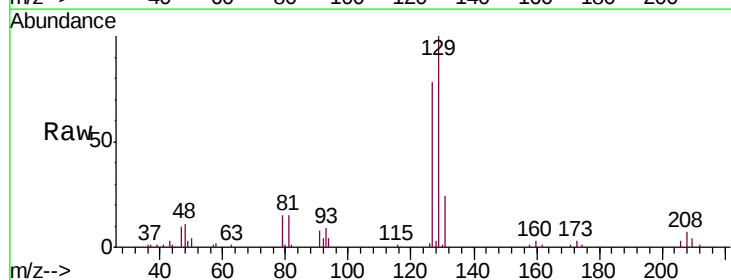


Abundance Ion 43.05 (42.75 to 43.75): VV012097.D (-2196) (-)  
Ion 58.05 (57.75 to 58.75): VV012097.D (-2196) (-)  
Ion 57.20 (56.90 to 57.90): VV012097.D (-2196) (-)  
Ion 100.15 (99.85 to 100.85): VV012097.D (-2196) (-)

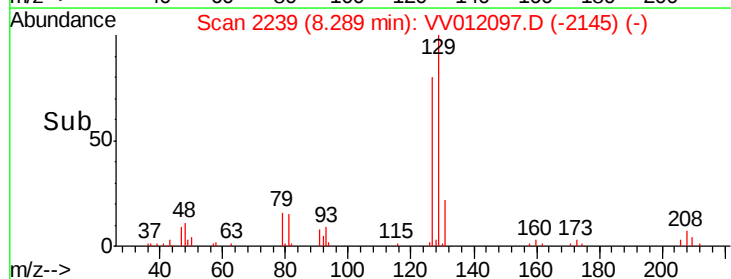
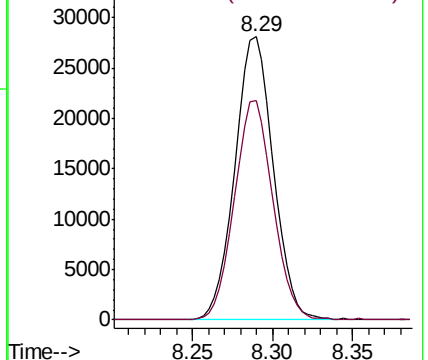


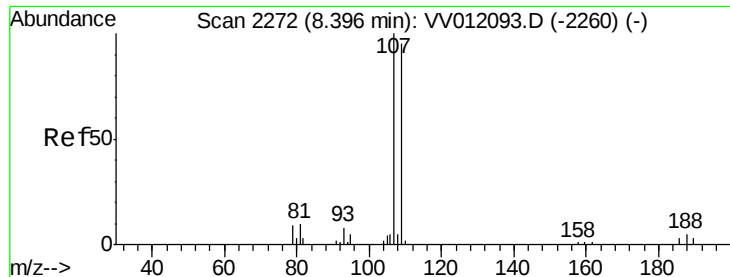
#49  
Dibromochloromethane  
Concen: 5.173 ug/L  
RT: 8.29 min Scan# 2239  
Delta R.T. 0.00 min  
Lab File: VV012097.D  
Acq: 02 Aug 2019 13:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 45845 |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 77.7  | 55.4  | 102.8 |



Abundance Ion 128.95 (128.65 to 129.65): VV012097.D (-2225) (-)  
Ion 126.90 (126.60 to 127.60): VV012097.D (-2225) (-)

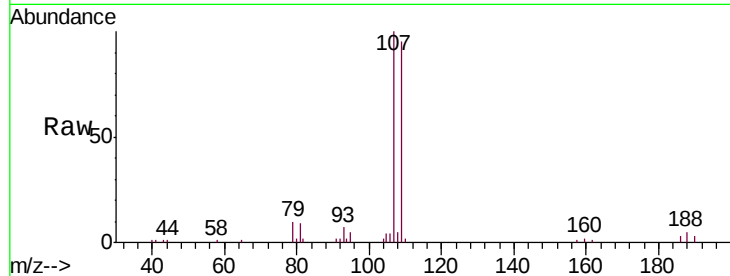




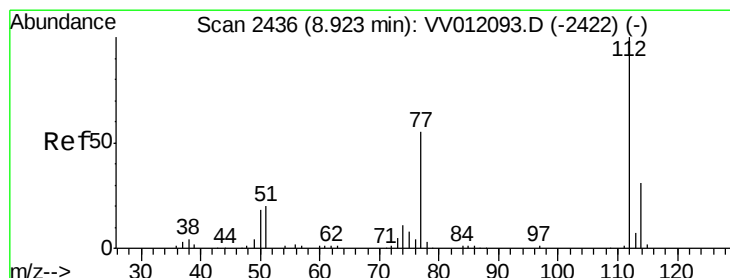
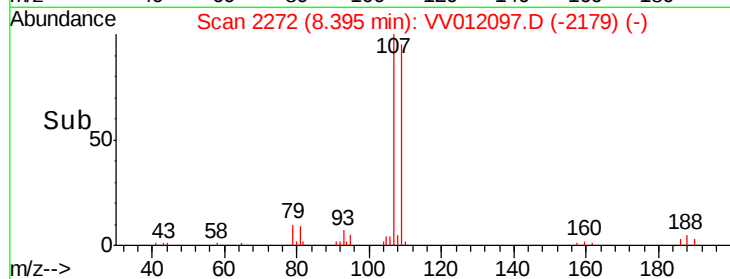
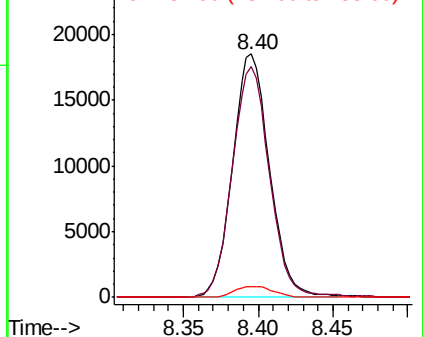
#50  
 1,2-Dibromoethane  
 Concen: 4.704 ug/L  
 RT: 8.40 min Scan# 2272  
 Delta R.T. -0.00 min  
 Lab File: VV012097.D  
 Acq: 02 Aug 2019 13:24

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00558

Tgt Ion:107 Resp: 31778  
 Ion Ratio Lower Upper  
 107 100  
 109 94.8 66.3 123.1  
 188 4.6 3.4 5.0

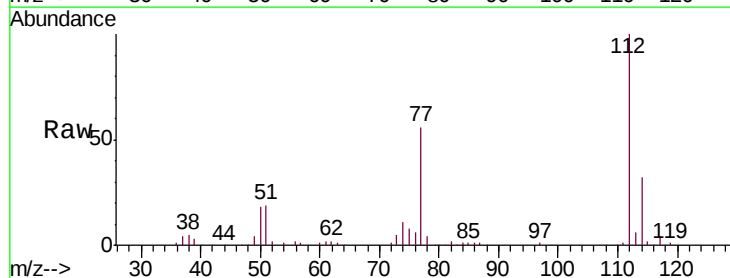


Abundance Ion 106.95 (106.65 to 107.65): V  
 25000 Ion 109.00 (108.70 to 109.70): V  
 20000 Ion 187.90 (187.60 to 188.60): V

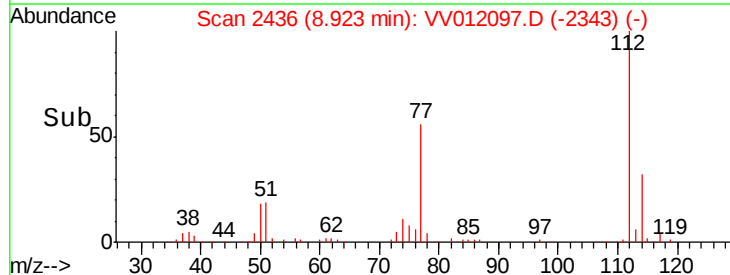
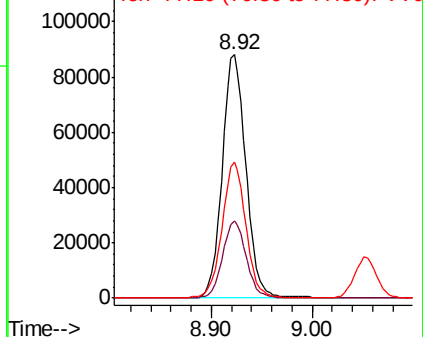


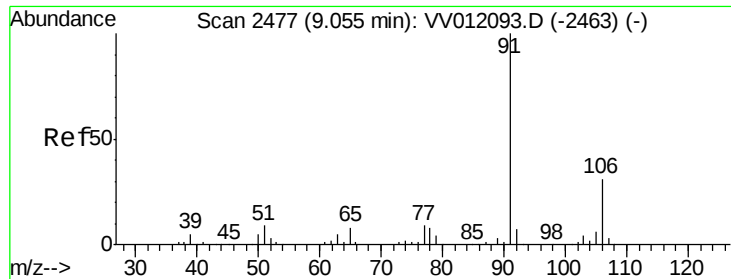
#51  
 Chlorobenzene  
 Concen: 4.758 ug/L  
 RT: 8.92 min Scan# 2436  
 Delta R.T. -0.00 min  
 Lab File: VV012097.D  
 Acq: 02 Aug 2019 13:24

Tgt Ion:112 Resp: 144898  
 Ion Ratio Lower Upper  
 112 100  
 114 31.6 22.1 41.1  
 77 56.0 45.9 68.9



Abundance Ion 112.10 (111.80 to 112.80): V  
 120000 Ion 114.05 (113.75 to 114.75): V  
 100000 Ion 77.10 (76.80 to 77.80): VV0





#52

Ethylbenzene

Concen: 4.722 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. -0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

Instrument :

MSVOA\_V

ClientSampleId :

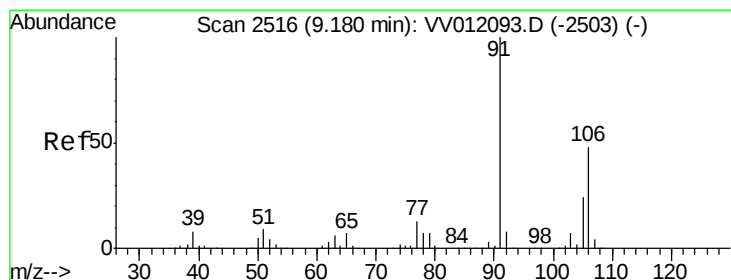
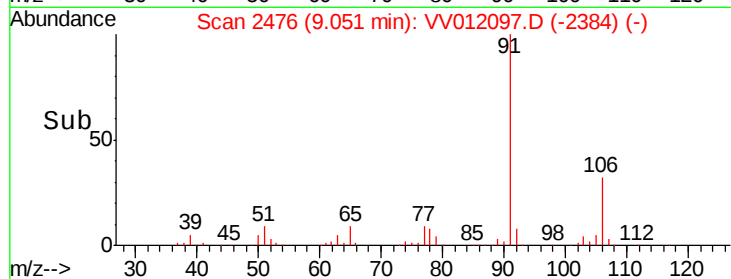
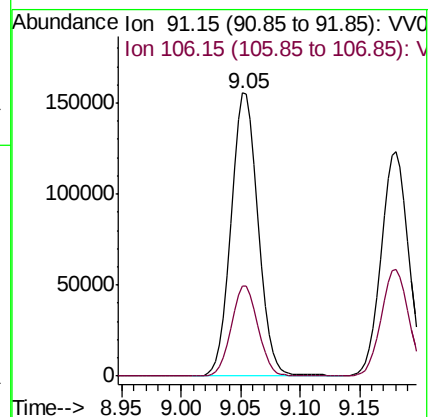
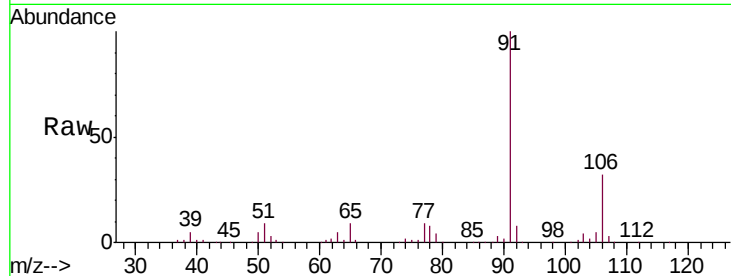
VSTD00558

Tgt Ion: 91 Resp: 245398

Ion Ratio Lower Upper

91 100

106 31.6 21.6 40.2



#53

m,p-xylene

Concen: 4.771 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV012097.D

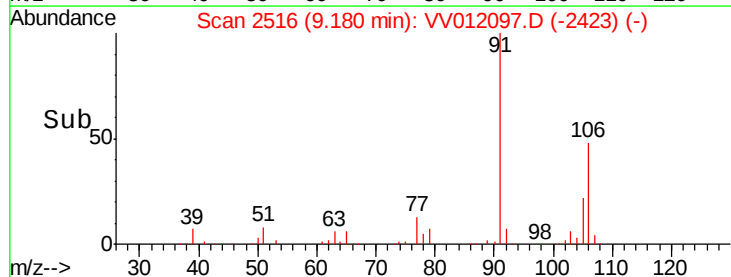
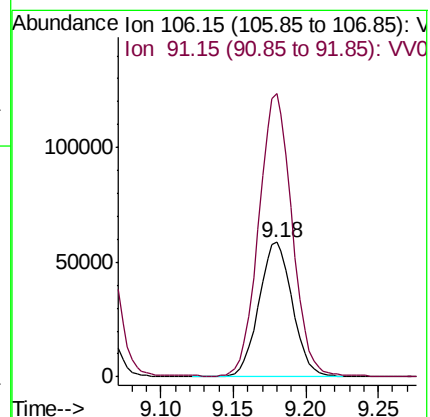
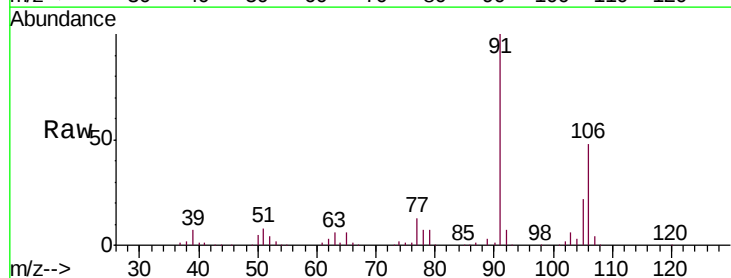
Acq: 02 Aug 2019 13:24

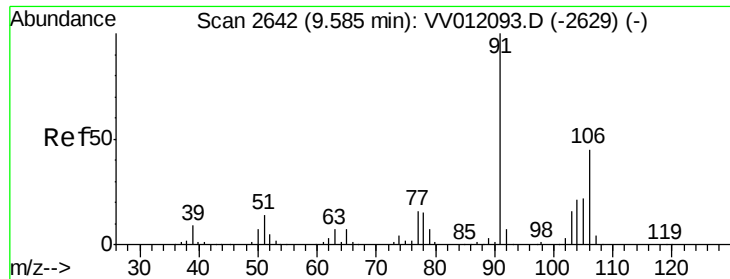
Tgt Ion: 106 Resp: 94383

Ion Ratio Lower Upper

106 100

91 210.1 141.6 263.0





#54

o-xylene

Concen: 4.892 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. -0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

Instrument :

MSVOA\_V

ClientSampleId :

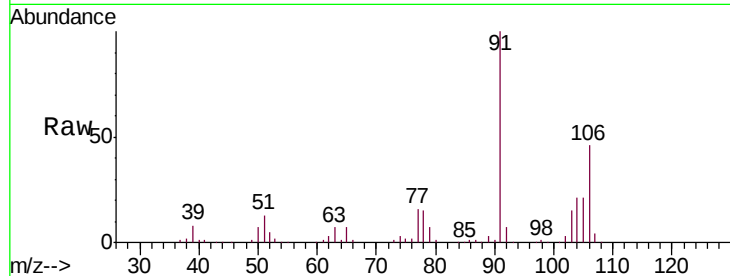
VSTD00558

Tgt Ion:106 Resp: 91611

Ion Ratio Lower Upper

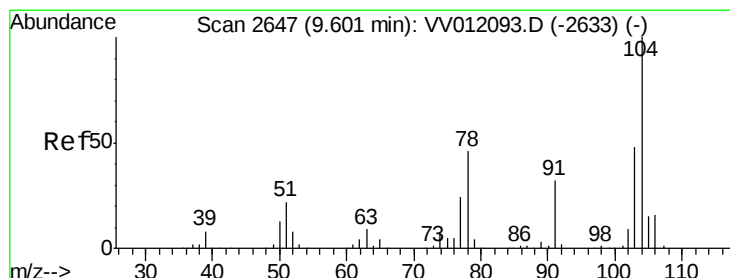
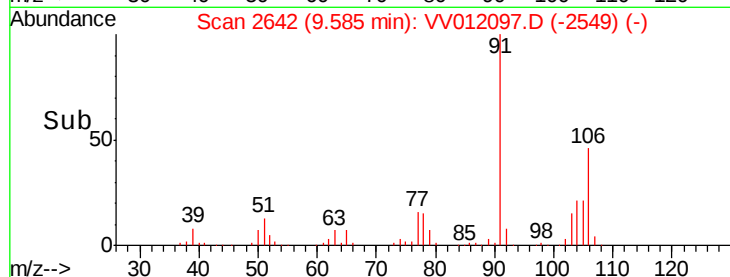
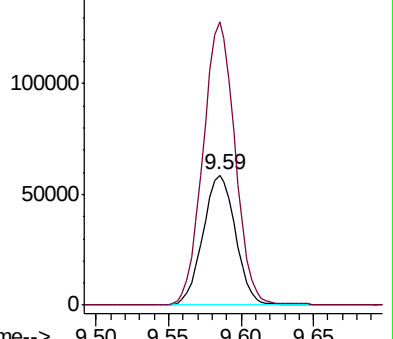
106 100

91 217.1 146.8 272.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 4.917 ug/L

RT: 9.60 min Scan# 2647

Delta R.T. -0.00 min

Lab File: VV012097.D

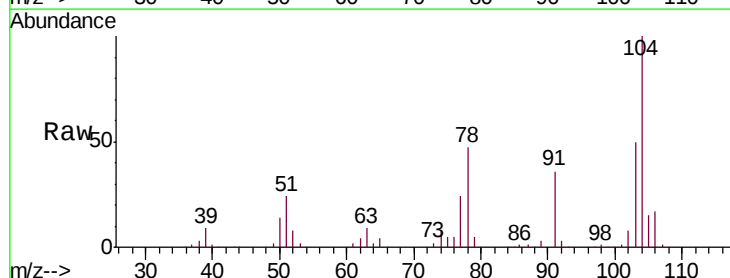
Acq: 02 Aug 2019 13:24

Tgt Ion:104 Resp: 155124

Ion Ratio Lower Upper

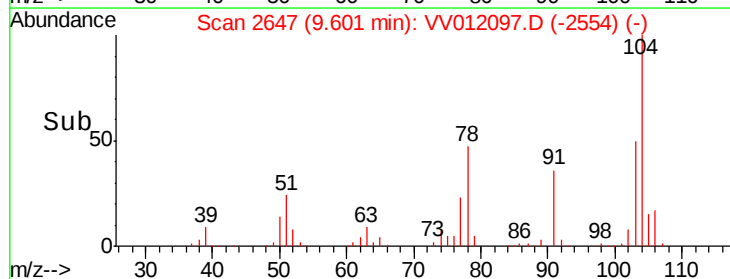
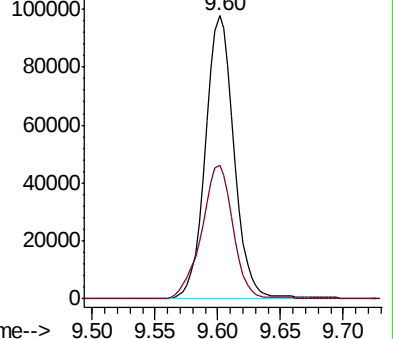
104 100

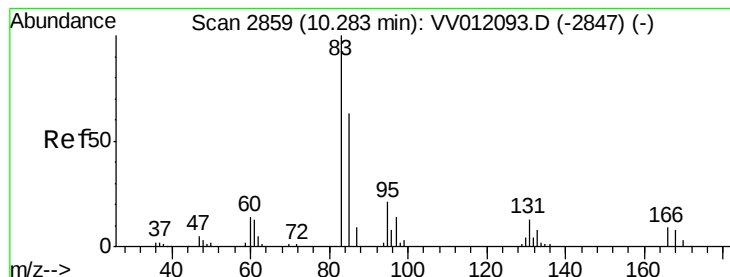
78 47.0 33.3 61.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.678 ug/L

RT: 10.28 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

Instrument :

MSVOA\_V

ClientSampleId :

VSTD00558

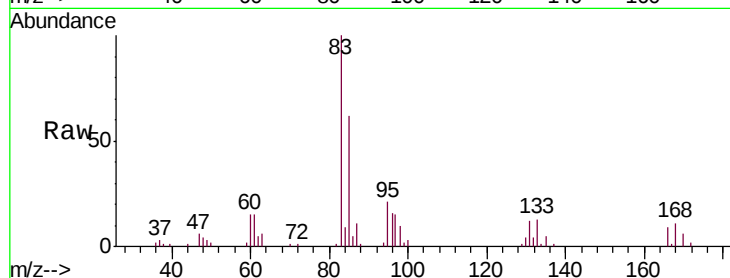
Tgt Ion: 83 Resp: 36286

Ion Ratio Lower Upper

83 100

85 62.4 44.0 81.6

131 12.3 8.3 12.5

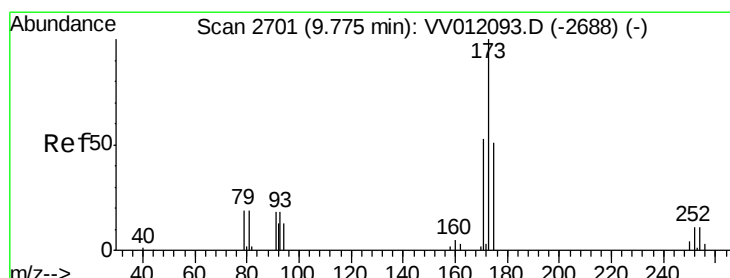
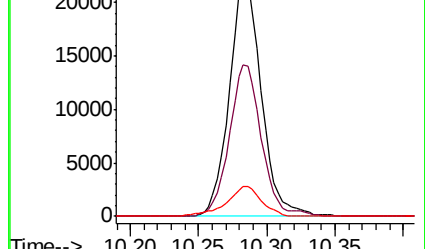
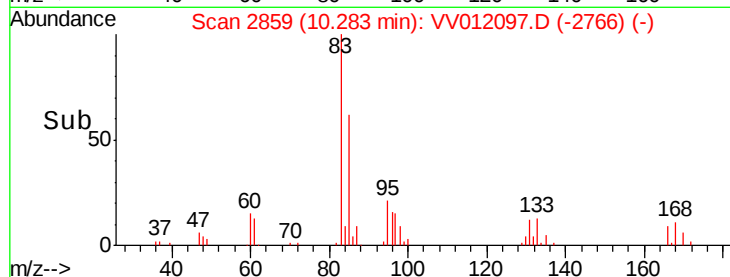


Abundance Ion 82.95 (82.65 to 83.65): VV012097.D (-2766) (-)

Ion 85.00 (84.70 to 85.70): VV012097.D (-2766) (-)

Ion 130.95 (130.65 to 131.65): VV012097.D (-2766) (-)

Time--> 10.20 10.25 10.30 10.35



#59

Bromoform

Concen: 5.243 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

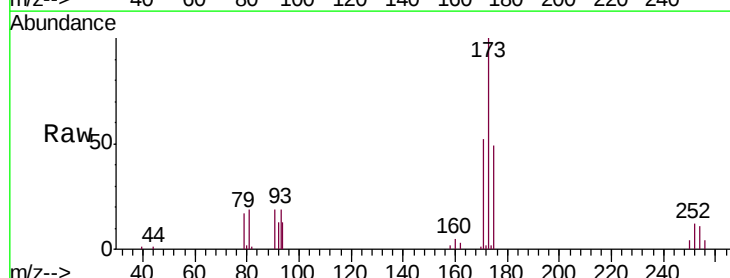
Tgt Ion: 173 Resp: 26753

Ion Ratio Lower Upper

173 100

175 51.6 38.3 57.5

254 11.1 8.6 13.0

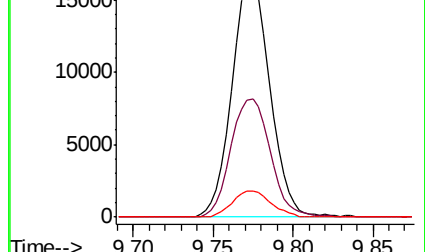
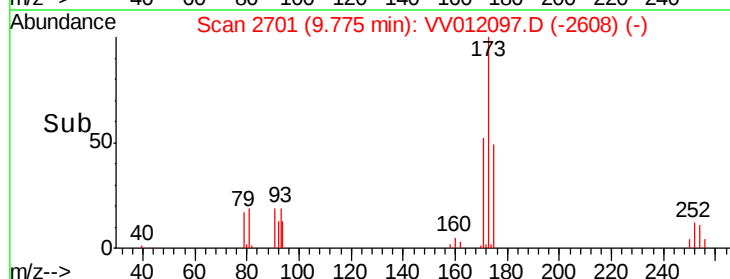


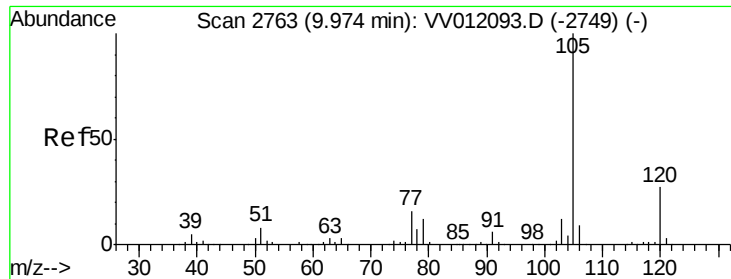
Abundance Ion 172.90 (172.60 to 173.60): VV012097.D (-2608) (-)

Ion 174.90 (174.60 to 175.60): VV012097.D (-2608) (-)

Ion 253.75 (253.45 to 254.45): VV012097.D (-2608) (-)

Time--> 9.70 9.75 9.80 9.85





#60

Isopropylbenzene

Concen: 4.796 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. -0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

Instrument :

MSVOA\_V

ClientSampleId :

VSTD00558

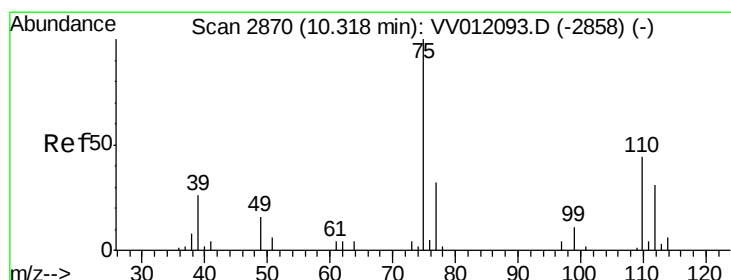
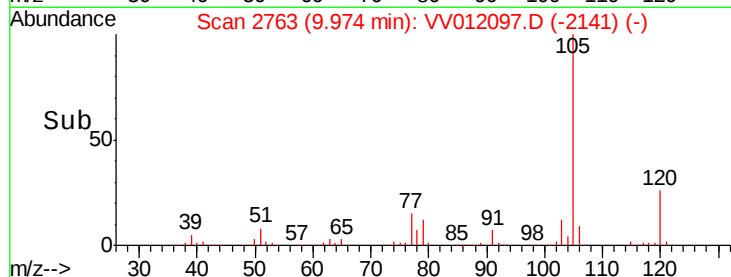
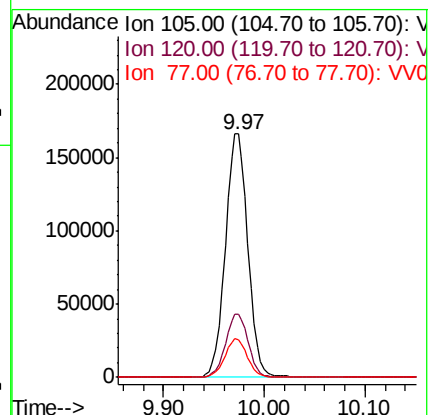
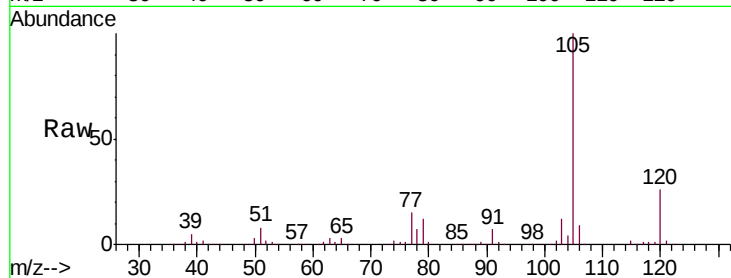
Tgt Ion: 105 Resp: 258625

Ion Ratio Lower Upper

105 100

120 26.2 21.5 32.3

77 15.8 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 4.465 ug/L

RT: 10.32 min Scan# 2870

Delta R.T. -0.00 min

Lab File: VV012097.D

Acq: 02 Aug 2019 13:24

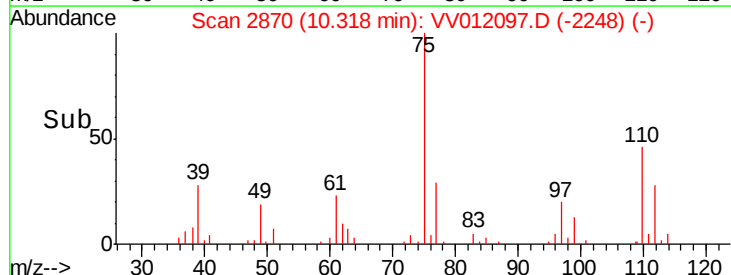
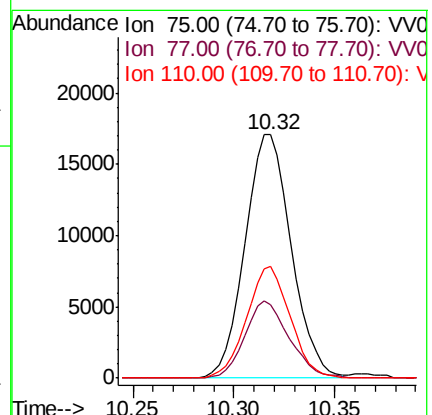
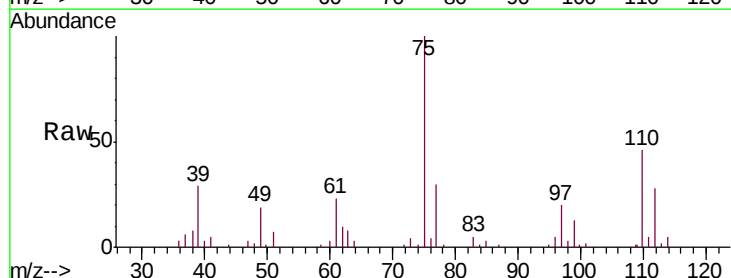
Tgt Ion: 75 Resp: 27470

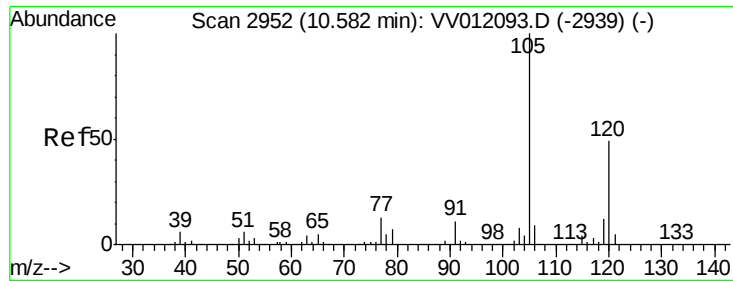
Ion Ratio Lower Upper

75 100

77 30.4 26.8 40.2

110 42.9 35.0 52.6

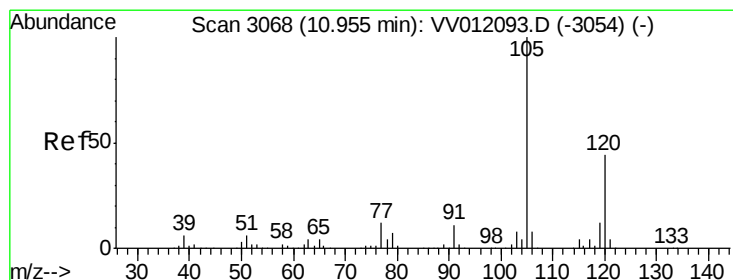
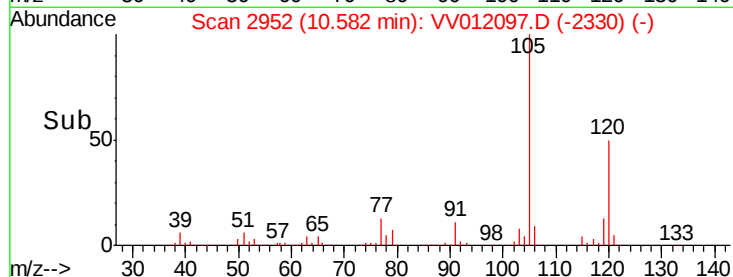
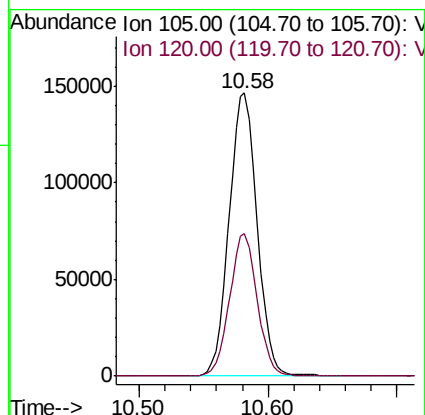
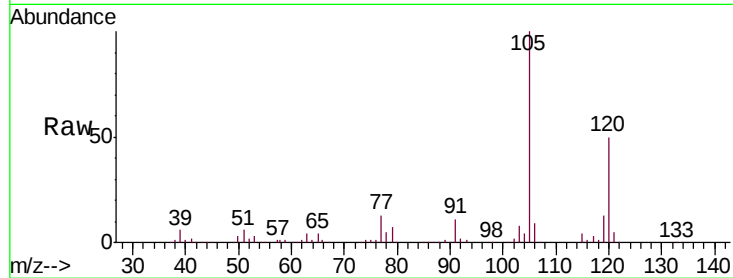




#62  
 1,3,5-Trimethylbenzene  
 Concen: 4.950 ug/L  
 RT: 10.58 min Scan# 2952  
 Delta R.T. -0.00 min  
 Lab File: VV012097.D  
 Acq: 02 Aug 2019 13:24

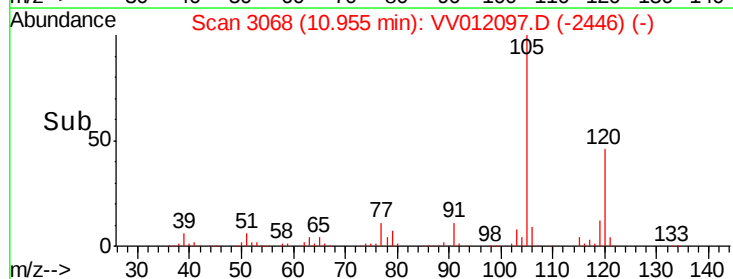
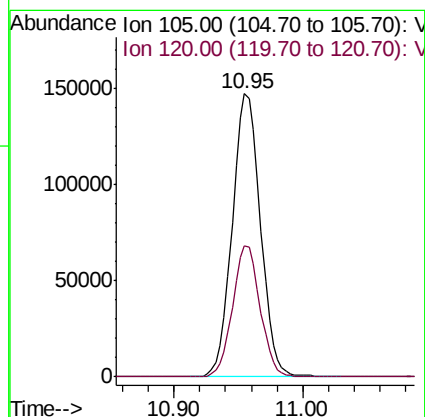
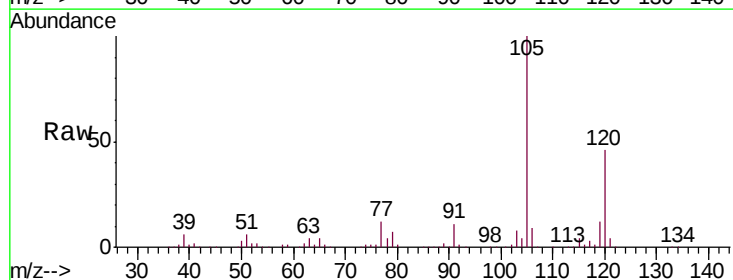
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00558

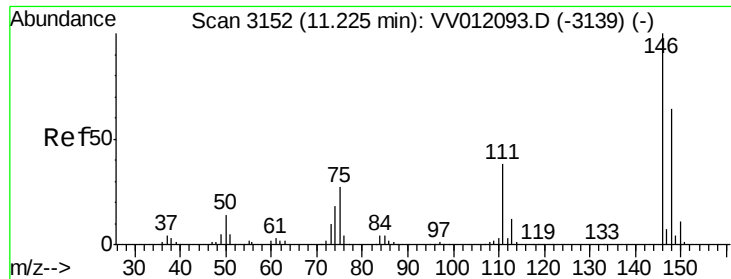
Tgt Ion:105 Resp: 220433  
 Ion Ratio Lower Upper  
 105 100  
 120 49.7 40.1 60.1



#63  
 1,2,4-Trimethylbenzene  
 Concen: 5.035 ug/L  
 RT: 10.95 min Scan# 3068  
 Delta R.T. -0.00 min  
 Lab File: VV012097.D  
 Acq: 02 Aug 2019 13:24

Tgt Ion:105 Resp: 222776  
 Ion Ratio Lower Upper  
 105 100  
 120 45.1 35.8 53.8

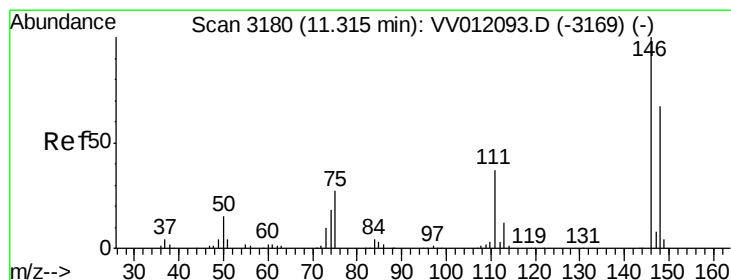
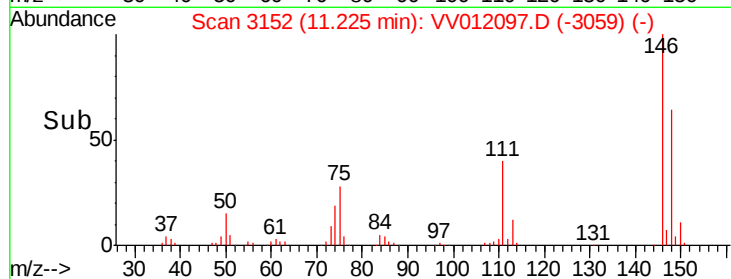
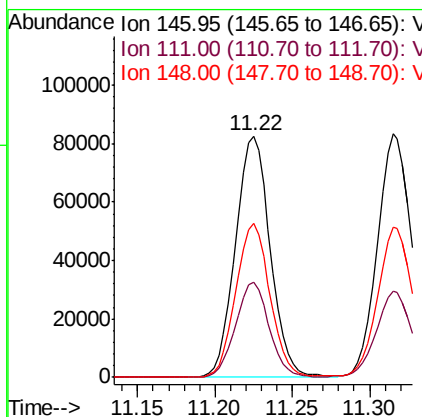
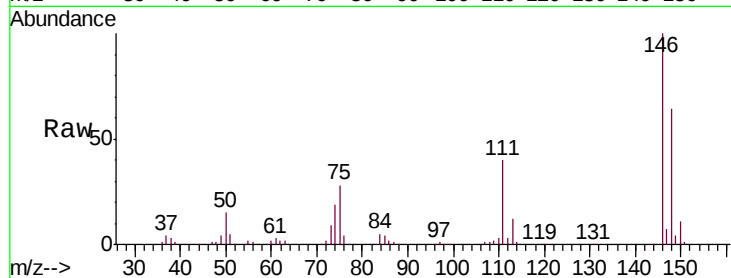




#64  
 1,3-Dichlorobenzene  
 Concen: 4.794 ug/L  
 RT: 11.22 min Scan# 3152  
 Delta R.T. -0.00 min  
 Lab File: VV012097.D  
 Acq: 02 Aug 2019 13:24

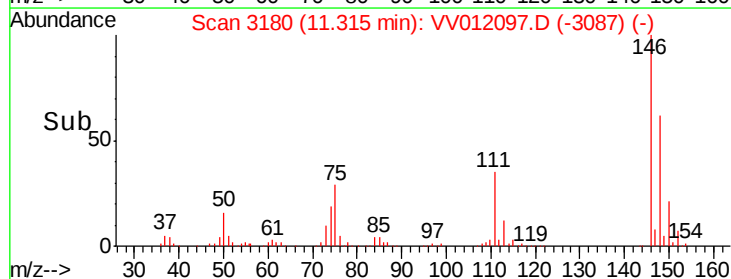
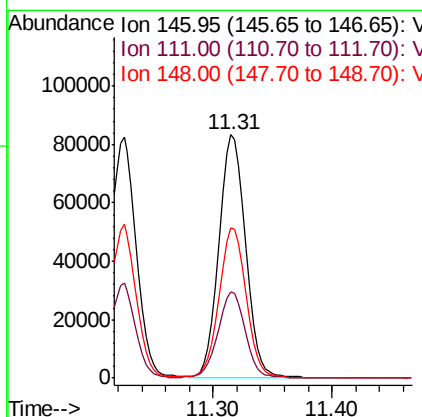
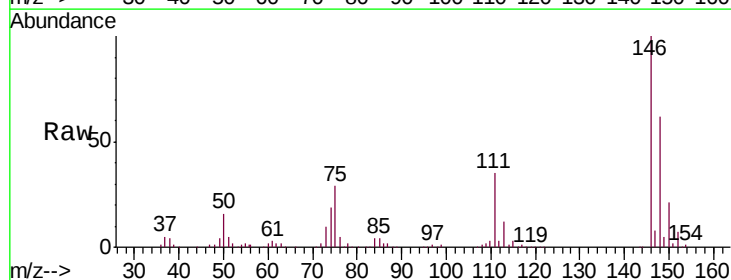
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00558

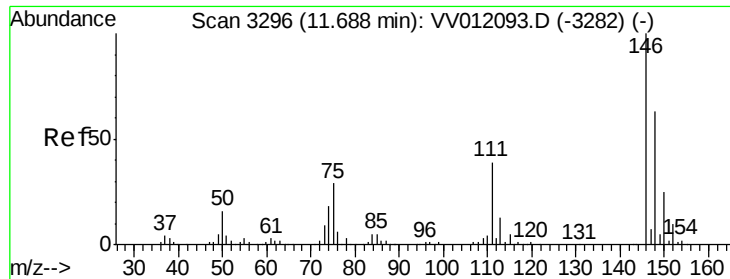
Tgt Ion:146 Resp: 128826  
 Ion Ratio Lower Upper  
 146 100  
 111 39.5 27.2 50.6  
 148 63.7 44.5 82.7



#65  
 1,4-Dichlorobenzene  
 Concen: 4.763 ug/L  
 RT: 11.31 min Scan# 3180  
 Delta R.T. -0.00 min  
 Lab File: VV012097.D  
 Acq: 02 Aug 2019 13:24

Tgt Ion:146 Resp: 130446  
 Ion Ratio Lower Upper  
 146 100  
 111 35.3 25.8 48.0  
 148 61.6 43.8 81.3

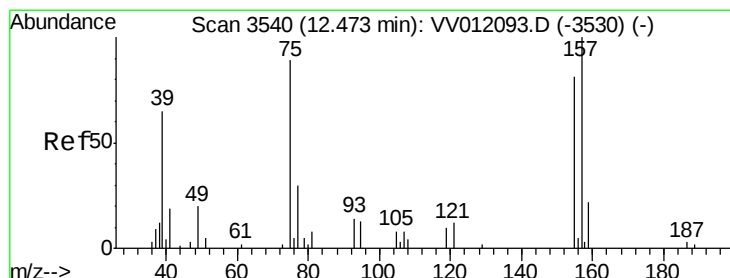
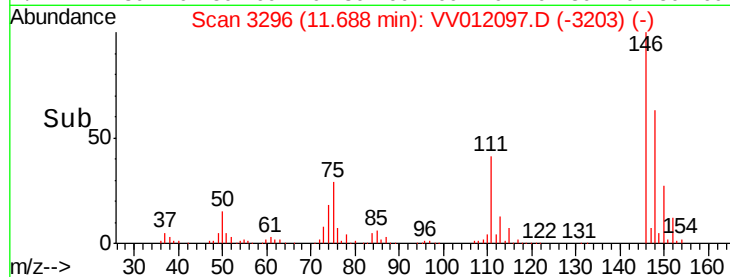
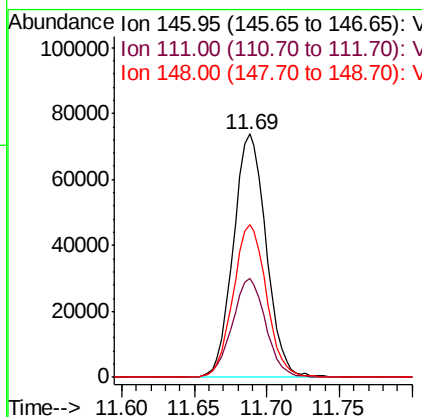
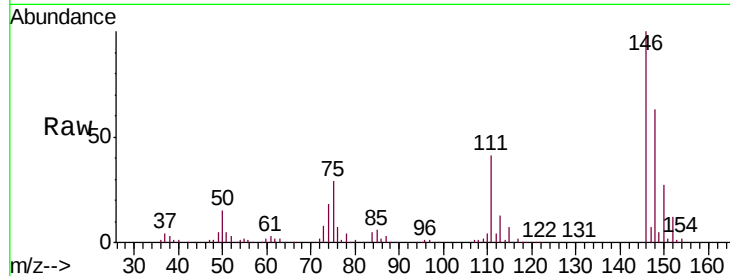




#67  
 1,2-Dichlorobenzene  
 Concen: 4.746 ug/L  
 RT: 11.69 min Scan# 3296  
 Delta R.T. -0.00 min  
 Lab File: VV012097.D  
 Acq: 02 Aug 2019 13:24

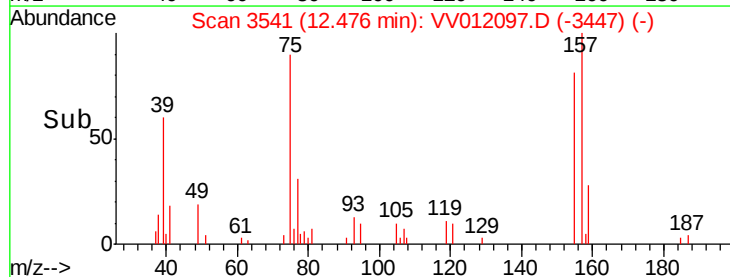
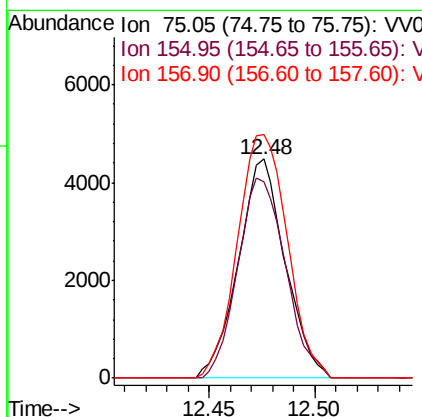
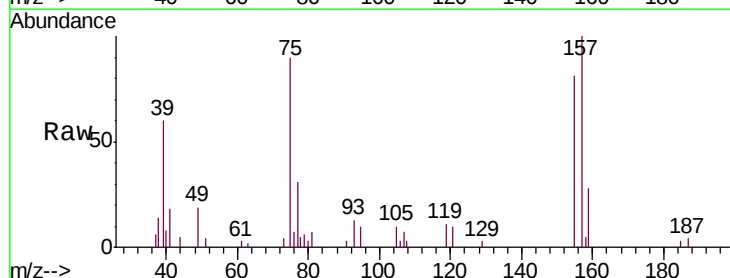
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00558

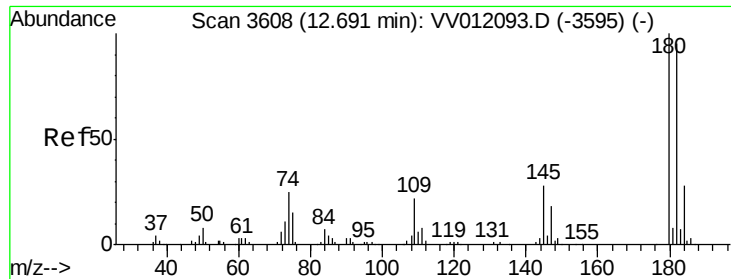
Tgt Ion: 146 Resp: 115911  
 Ion Ratio Lower Upper  
 146 100  
 111 40.8 32.4 48.6  
 148 63.0 49.4 74.0



#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 5.451 ug/L  
 RT: 12.48 min Scan# 3541  
 Delta R.T. 0.00 min  
 Lab File: VV012097.D  
 Acq: 02 Aug 2019 13:24

Tgt Ion: 75 Resp: 6915  
 Ion Ratio Lower Upper  
 75 100  
 155 89.5 75.0 112.6  
 157 111.1 87.8 131.6

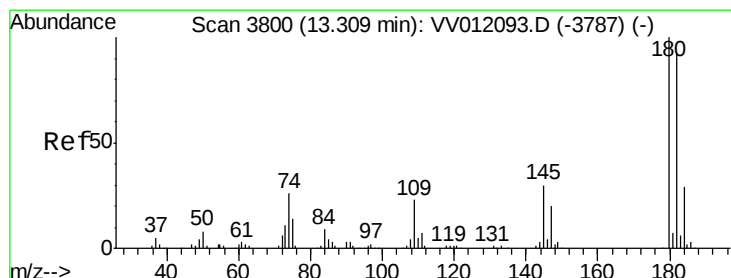
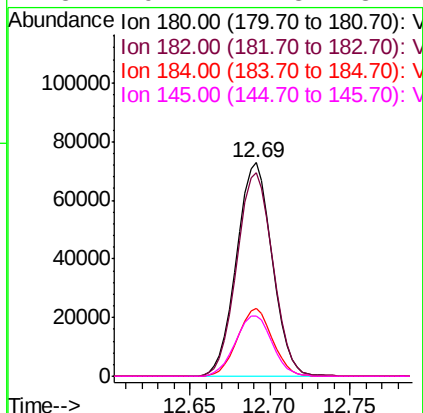
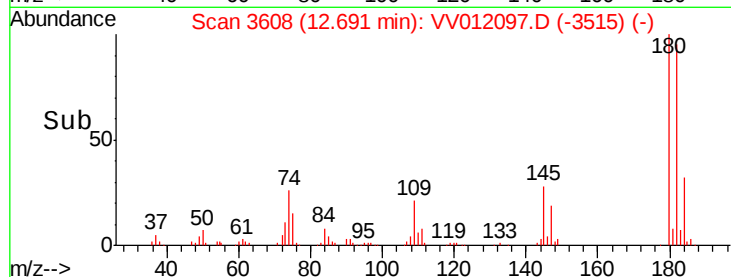
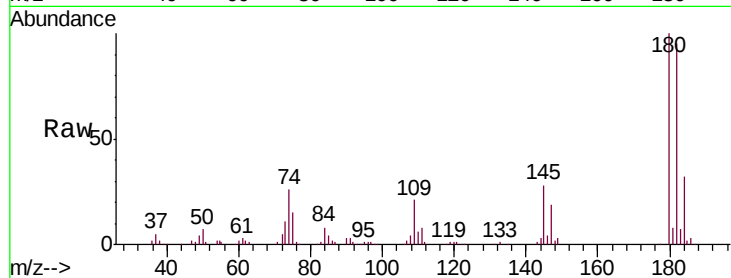




#69  
 1,3,5-Trichlorobenzene  
 Concen: 4.969 ug/L  
 RT: 12.69 min Scan# 3608  
 Delta R.T. -0.00 min  
 Lab File: VV012097.D  
 Acq: 02 Aug 2019 13:24

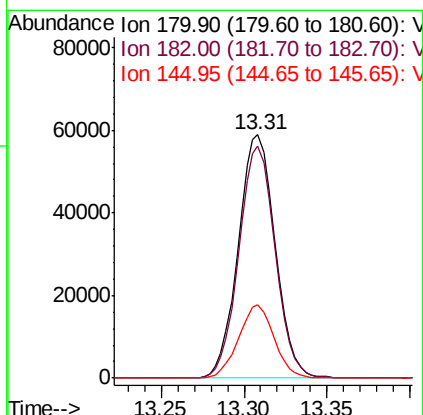
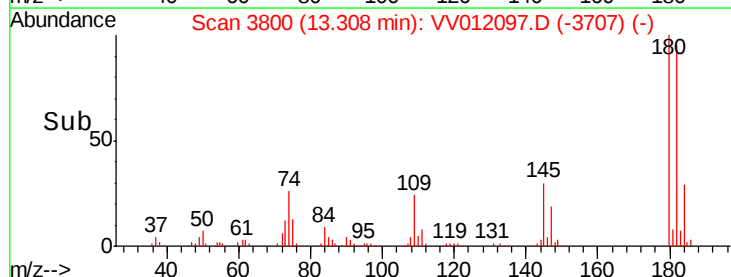
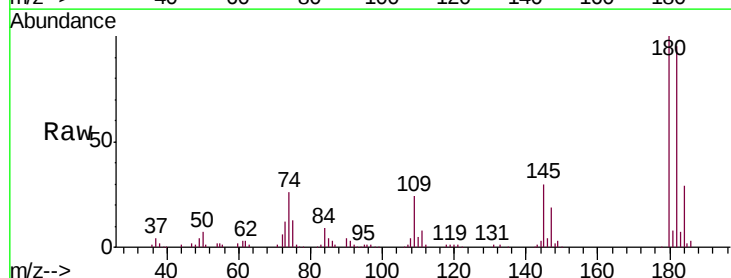
Instrument :  
 MSVOA\_V  
 ClientSampled :  
 VSTD00558

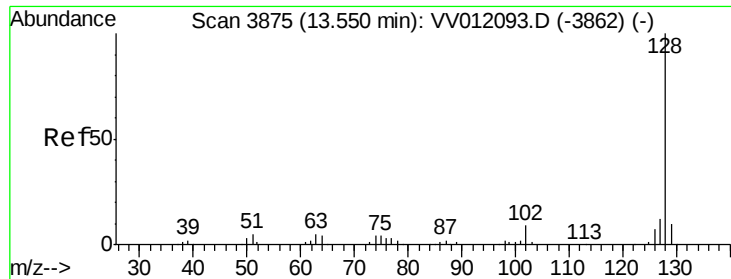
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 77.1  | 115.7 |
| 184     | 31.1  | 24.6  | 36.8  |
| 145     | 29.1  | 22.8  | 34.2  |



#70  
 1,2,4-trichlorobenzene  
 Concen: 5.186 ug/L  
 RT: 13.31 min Scan# 3800  
 Delta R.T. -0.00 min  
 Lab File: VV012097.D  
 Acq: 02 Aug 2019 13:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.0  | 76.1  | 114.1 |
| 145     | 28.9  | 24.3  | 36.5  |

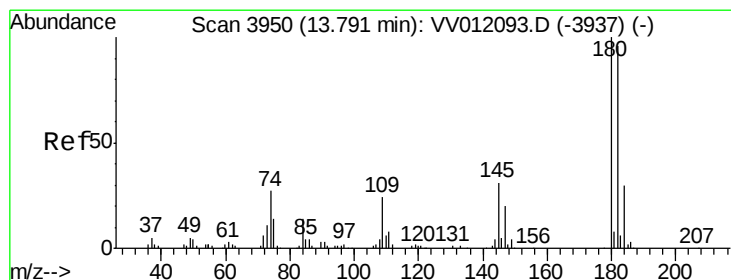
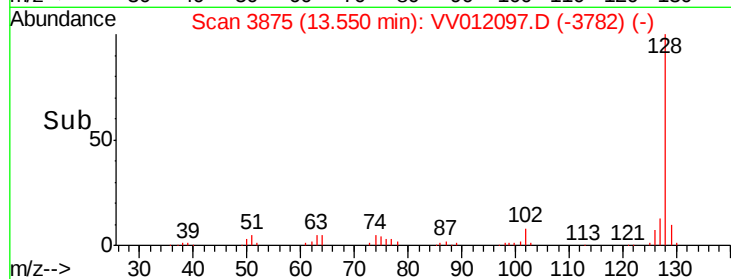
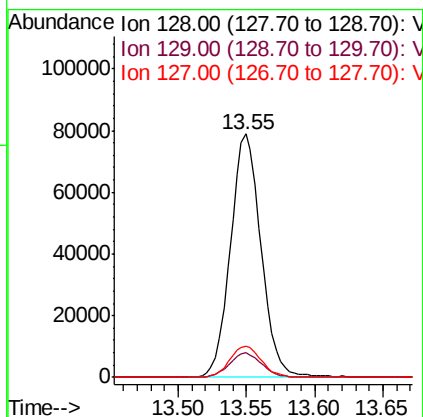
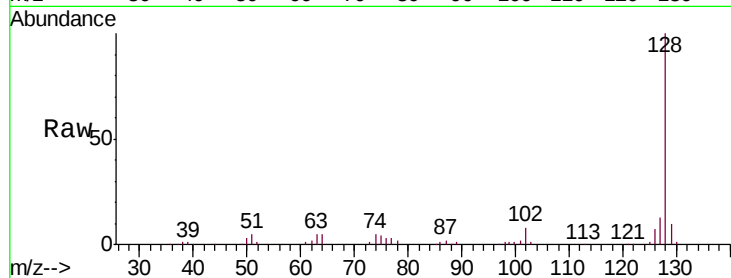




#71  
Naphthalene  
Concen: 5.033 ug/L  
RT: 13.55 min Scan# 3875  
Delta R.T. -0.00 min  
Lab File: VV012097.D  
Acq: 02 Aug 2019 13:24

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00558

Tgt Ion:128 Resp: 122786  
Ion Ratio Lower Upper  
128 100  
129 10.6 9.1 13.7  
127 13.2 10.4 15.6



#72  
1,2,3-Trichlorobenzene  
Concen: 5.074 ug/L  
RT: 13.79 min Scan# 3950  
Delta R.T. -0.00 min  
Lab File: VV012097.D  
Acq: 02 Aug 2019 13:24

Tgt Ion:180 Resp: 79063  
Ion Ratio Lower Upper  
180 100  
182 97.9 78.5 117.7  
145 31.2 25.8 38.8

