

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\  
 Data File : VU040899.D  
 Acq On : 22 Oct 2020 10:22  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00524

Quant Time: Oct 22 23:19:05 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Oct 22 01:39:14 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 255611   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 256926   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 135348   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 71723    | 4.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 81.80%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 65226    | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 85.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 160471   | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 86.00%  |
| 20) 2-Butanone-d5              | 4.65   | 46    | 343519   | 55.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 110.42% |
| 24) Chloroform-d               | 5.08   | 84    | 167591   | 4.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.71   | 65    | 101882   | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.60%  |
| 32) Benzene-d6                 | 5.74   | 84    | 287867   | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 101472   | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 88.80%  |
| 41) Toluene-d8                 | 7.90   | 98    | 262596   | 4.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.00%  |
| 43) trans-1,3-Dichloropropene- | 8.18   | 79    | 40808    | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 89.20%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 264217   | 57.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 114.86% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 101663   | 5.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 104.60% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 99742    | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 83.80%  |

## Target Compounds

|                                |      |     |        |        | Ovalue   |
|--------------------------------|------|-----|--------|--------|----------|
| 2) Dichlorodifluoromethane     | 1.39 | 85  | 134010 | 5.164  | ug/L 100 |
| 3) Chloromethane               | 1.53 | 50  | 136519 | 4.847  | ug/L 98  |
| 5) Vinyl chloride              | 1.61 | 62  | 134907 | 5.151  | ug/L 97  |
| 6) Bromomethane                | 1.87 | 94  | 72394  | 5.486  | ug/L 97  |
| 8) Chloroethane                | 1.94 | 64  | 81354  | 4.805  | ug/L 98  |
| 9) Trichlorofluoromethane      | 2.15 | 101 | 179539 | 5.196  | ug/L 99  |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.59 | 101 | 107494 | 5.352  | ug/L 99  |
| 12) 1,1-Dichloroethene         | 2.59 | 96  | 94254  | 5.035  | ug/L 95  |
| 13) Acetone                    | 2.65 | 43  | 274912 | 62.869 | ug/L 99  |
| 14) Carbon disulfide           | 2.81 | 76  | 332306 | 4.989  | ug/L 99  |
| 15) Methyl Acetate             | 2.96 | 43  | 62143  | 5.619  | ug/L 99  |
| 16) Methylene chloride         | 3.06 | 84  | 116075 | 5.041  | ug/L 98  |
| 17) Methyl tert-butyl Ether    | 3.38 | 73  | 248312 | 5.449  | ug/L 99  |
| 18) trans-1,2-Dichloroethene   | 3.37 | 96  | 96032  | 4.946  | ug/L 97  |
| 19) 1,1-Dichloroethane         | 3.89 | 63  | 202122 | 5.174  | ug/L 97  |
| 21) 2-Butanone                 | 4.73 | 43  | 419890 | 63.710 | ug/L 100 |
| 22) cis-1,2-Dichloroethene     | 4.68 | 96  | 104266 | 4.891  | ug/L 95  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\  
 Data File : VU040899.D  
 Acq On : 22 Oct 2020 10:22  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 38 Sample Multiplier: 1

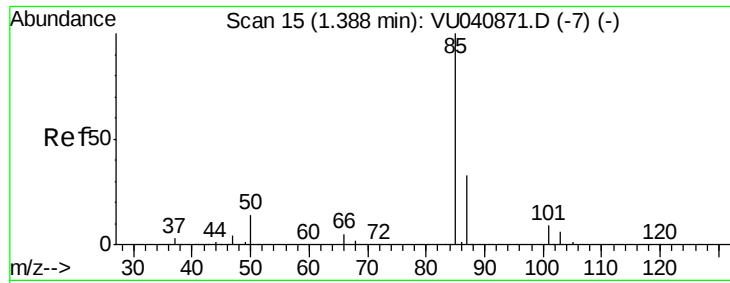
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00524

Quant Time: Oct 22 23:19:05 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Oct 22 01:39:14 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 23) Bromochloromethane         | 4.99  | 128  | 51362    | 5.390  | ug/L   | 97       |
| 25) Chloroform                 | 5.10  | 83   | 203125   | 5.096  | ug/L   | 94       |
| 27) 1,2-Dichloroethane         | 5.81  | 62   | 149004   | 5.475  | ug/L   | 100      |
| 29) 1,1,1-Trichloroethane      | 5.33  | 97   | 169672   | 5.080  | ug/L   | 98       |
| 30) Cyclohexane                | 5.40  | 56   | 168886   | 5.070  | ug/L   | 98       |
| 31) Carbon tetrachloride       | 5.54  | 117  | 151473   | 5.159  | ug/L   | 100      |
| 33) Benzene                    | 5.79  | 78   | 422809   | 5.119  | ug/L   | 100      |
| 34) Trichloroethene            | 6.55  | 95   | 107249   | 5.102  | ug/L   | 99       |
| 35) Methylcyclohexane          | 6.77  | 83   | 162055   | 5.151  | ug/L   | 96       |
| 37) 1,2-Dichloropropane        | 6.80  | 63   | 115260   | 5.169  | ug/L   | 100      |
| 38) Bromodichloromethane       | 7.11  | 83   | 148190   | 5.234  | ug/L   | 94       |
| 39) cis-1,3-Dichloropropene    | 7.61  | 75   | 155261   | 5.206  | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone       | 7.80  | 43   | 969765   | 64.808 | ug/L   | 99       |
| 42) Toluene                    | 7.97  | 91   | 437187   | 5.270  | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene  | 8.21  | 75   | 150871   | 5.588  | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane      | 8.40  | 97   | 86767    | 5.711  | ug/L   | 97       |
| 47) Tetrachloroethene          | 8.56  | 164  | 79485    | 5.081  | ug/L   | 99       |
| 48) 2-Hexanone                 | 8.69  | 43   | 745471   | 68.483 | ug/L   | 99       |
| 49) Dibromochloromethane       | 8.81  | 129  | 97671    | 5.388  | ug/L   | 99       |
| 50) 1,2-Dibromoethane          | 8.93  | 107  | 81216    | 5.723  | ug/L # | 97       |
| 51) Chlorobenzene              | 9.45  | 112  | 275770   | 5.148  | ug/L   | 98       |
| 52) Ethylbenzene               | 9.57  | 91   | 452466   | 5.073  | ug/L   | 99       |
| 53) m,p-Xylene                 | 9.69  | 106  | 173458   | 5.398  | ug/L   | 93       |
| 54) o-Xylene                   | 10.10 | 106  | 164429   | 5.382  | ug/L   | 99       |
| 55) Styrene                    | 10.11 | 104  | 292534   | 5.504  | ug/L   | 98       |
| 56) Isopropylbenzene           | 10.48 | 105  | 430960   | 5.271  | ug/L   | 99       |
| 58) 1,1,2,2-Tetrachloroethane  | 10.78 | 83   | 114358   | 5.909  | ug/L   | 93       |
| 59) 1,2,3-Trichloropropane     | 10.82 | 75   | 88487    | 6.106  | ug/L   | 98       |
| 61) Bromoform                  | 10.29 | 173  | 55678    | 5.611  | ug/L   | 100      |
| 62) 1,3-Dichlorobenzene        | 11.74 | 146  | 222528   | 5.189  | ug/L   | 99       |
| 63) 1,4-Dichlorobenzene        | 11.83 | 146  | 220617   | 5.005  | ug/L   | 95       |
| 65) 1,2-Dichlorobenzene        | 12.20 | 146  | 211803   | 5.262  | ug/L   | 99       |
| 66) 1,2-Dibromo-3-chloropropan | 12.99 | 75   | 20760    | 5.543  | ug/L   | 93       |
| 67) 1,3,5-Trichlorobenzene     | 13.21 | 180  | 149011   | 4.734  | ug/L   | 99       |
| 68) 1,2,4-trichlorobenzene     | 13.83 | 180  | 124731   | 4.701  | ug/L   | 99       |
| 69) Naphthalene                | 14.08 | 128  | 225677   | 4.621  | ug/L   | 99       |
| 70) 1,2,3-Trichlorobenzene     | 14.32 | 180  | 122773   | 4.771  | ug/L   | 100      |

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





#2

Dichlorodifluoromethane

Concen: 5.164 ug/L

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Instrument :

MSVOA\_U

ClientSampleId :

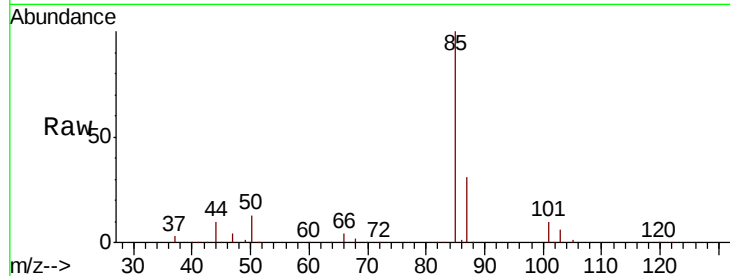
VSTD00524

Tot Ion: 85 Resp: 134010

Ion Ratio Lower Upper

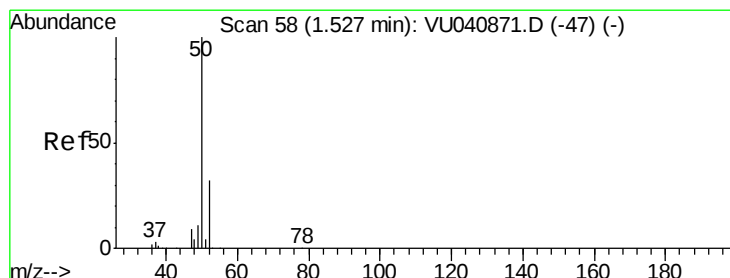
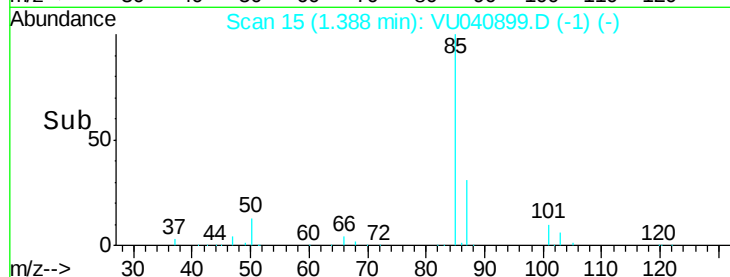
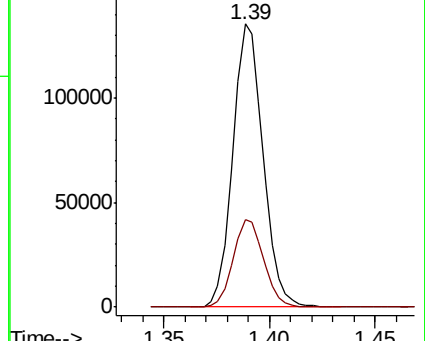
85 100

87 31.1 25.0 37.6



Abundance Ion 85.00 (84.70 to 85.70): VU040899.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU040899.D (-1) (-)



#3

Chloromethane

Concen: 4.847 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040899.D

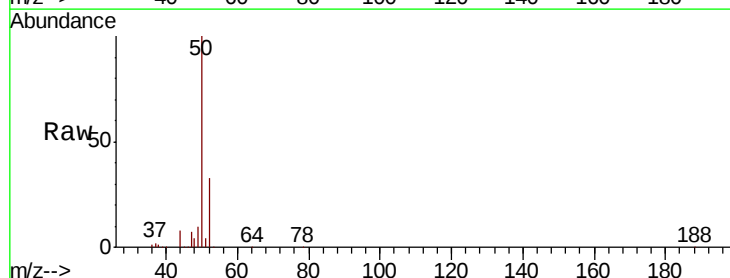
Acq: 22 Oct 2020 10:22

Tgt Ion: 50 Resp: 136519

Ion Ratio Lower Upper

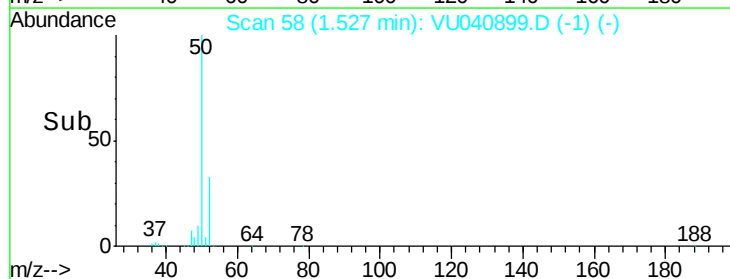
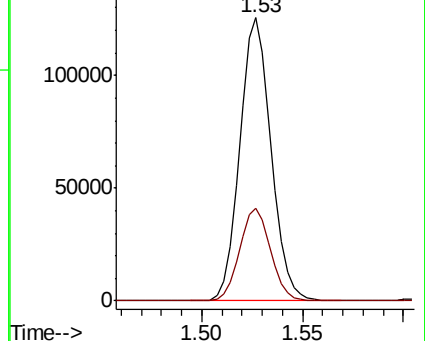
50 100

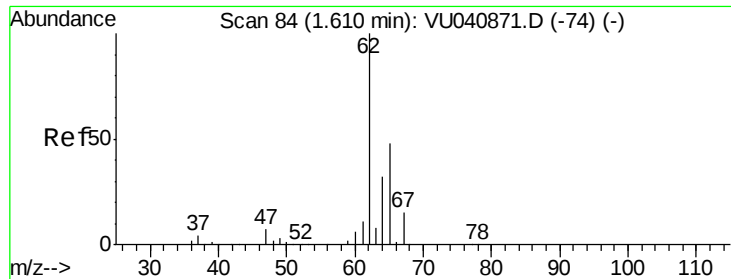
52 32.5 21.8 40.6



Abundance Ion 50.05 (49.75 to 50.75): VU040899.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU040899.D (-1) (-)





#5

Vinyl chloride

Concen: 5.151 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Instrument :

MSVOA\_U

ClientSampleId :

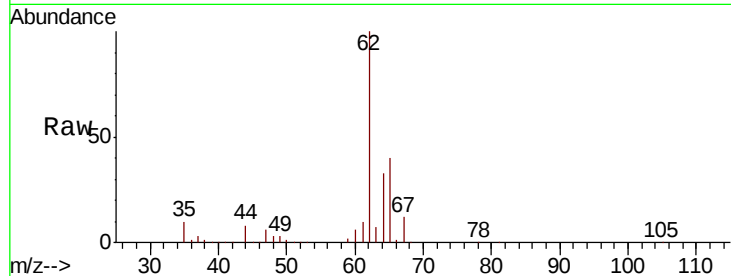
VSTD00524

Tot Ion: 62 Resp: 134907

Ion Ratio Lower Upper

62 100

64 33.0 21.8 40.6



Abundance Ion 62.00 (61.70 to 62.70): VU040899.D (-1) (-)

Ion 64.10 (63.80 to 64.80): VU040899.D (-1) (-)

1.61

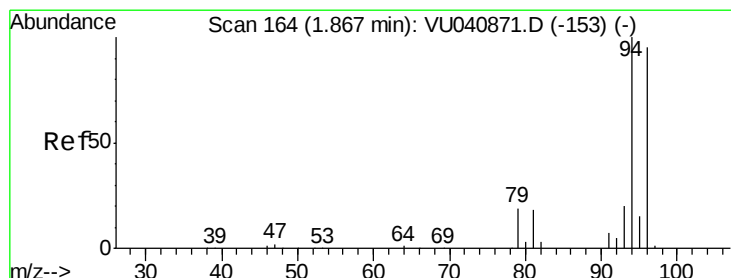
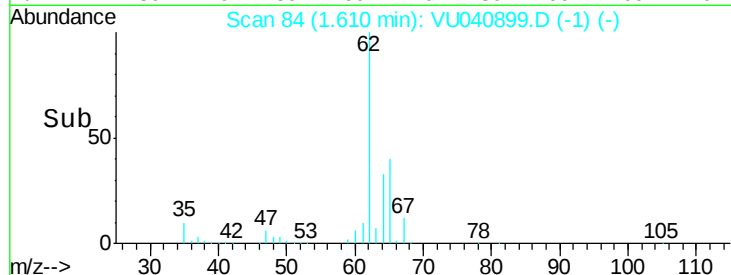
150000

100000

50000

0

Time-->



#6

Bromomethane

Concen: 5.486 ug/L

RT: 1.87 min Scan# 164

Delta R.T. -0.00 min

Lab File: VU040899.D

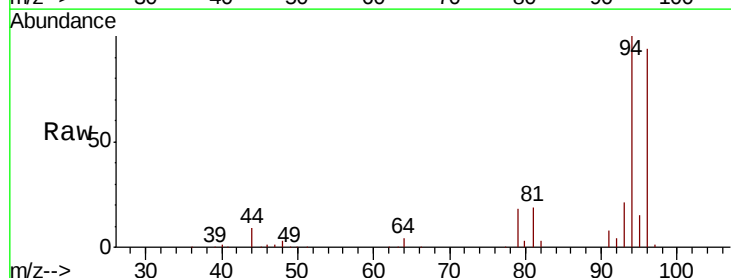
Acq: 22 Oct 2020 10:22

Tgt Ion: 94 Resp: 72394

Ion Ratio Lower Upper

94 100

96 94.1 67.8 125.8



Abundance Ion 94.00 (93.70 to 94.70): VU040899.D (-71) (-)

Ion 96.00 (95.70 to 96.70): VU040899.D (-71) (-)

1.87

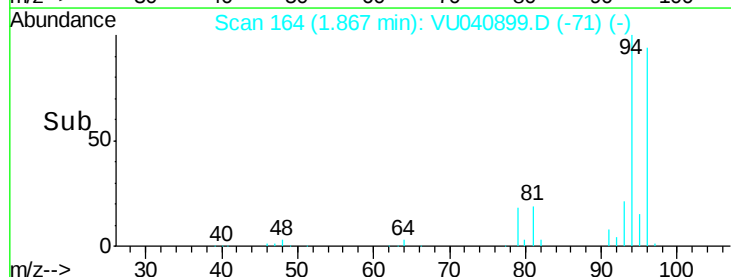
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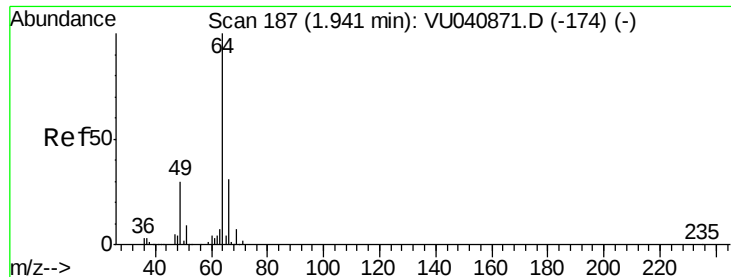
40000

20000

0

Time-->





#8

Chloroethane

Concen: 4.805 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Instrument :

MSVOA\_U

ClientSampleId :

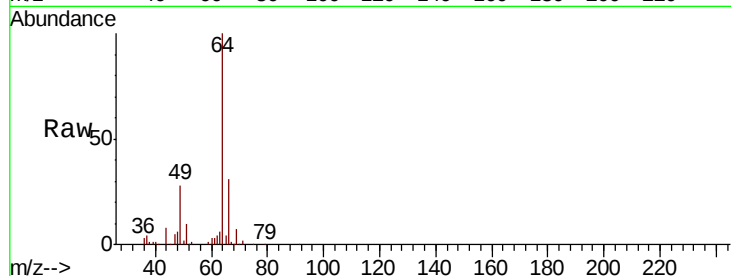
VSTD00524

Tot Ion: 64 Resp: 81354

Ion Ratio Lower Upper

64 100

66 31.4 21.2 39.4



Abundance Ion 64.10 (63.80 to 64.80): VU040899.D (-94) (-)

Ion 66.05 (65.75 to 66.75): VU040899.D (-94) (-)

1.94

60000

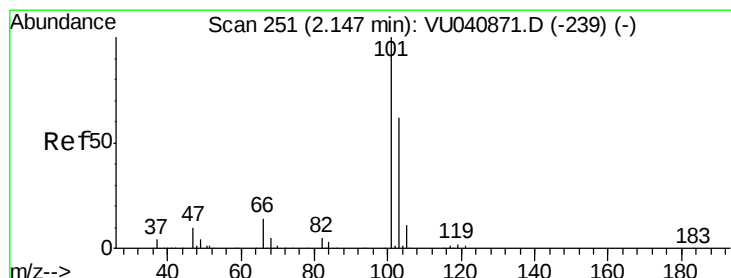
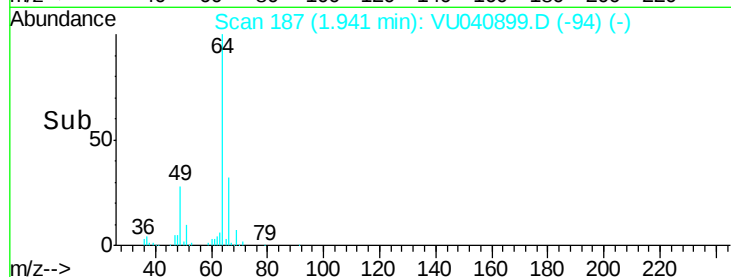
40000

20000

0

Time-->

1.90 1.95 2.00



#9

Trichlorofluoromethane

Concen: 5.196 ug/L

RT: 2.15 min Scan# 251

Delta R.T. -0.00 min

Lab File: VU040899.D

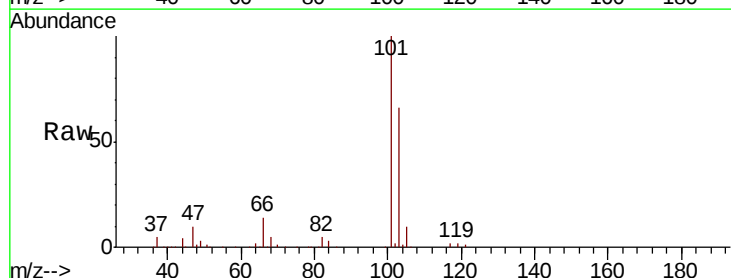
Acq: 22 Oct 2020 10:22

Tgt Ion: 101 Resp: 179539

Ion Ratio Lower Upper

101 100

103 65.4 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): VU040899.D (-158) (-)

Ion 103.00 (102.70 to 103.70): VU040899.D (-158) (-)

2.15

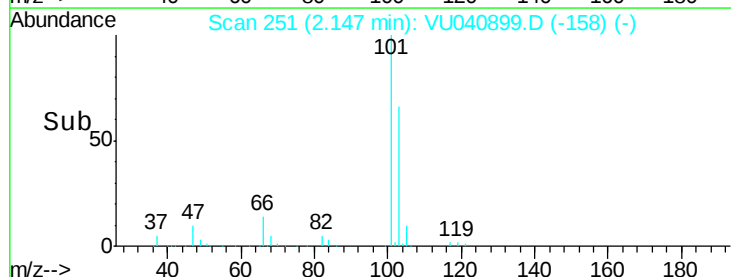
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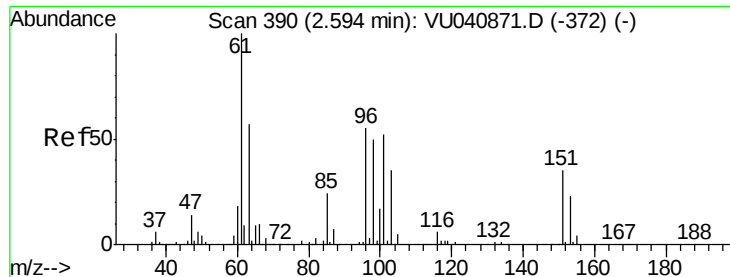
50000

0

Time-->

2.10 2.15 2.20





#10

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

Concen: 5.352 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Instrument :

MSVOA\_U

ClientSampleId :

VSTD00524

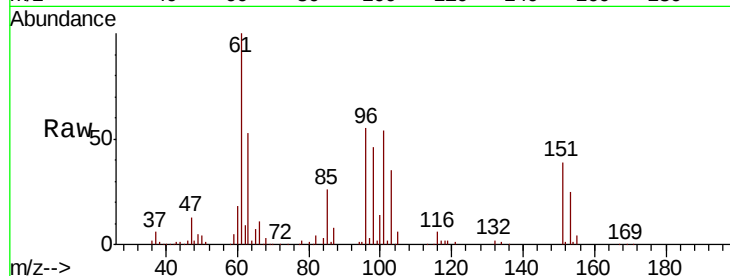
Tot Ion:101 Resp: 107494

Ion Ratio Lower Upper

101 100

85 45.0 36.4 54.6

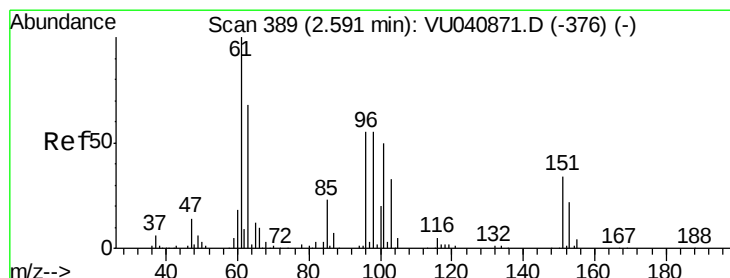
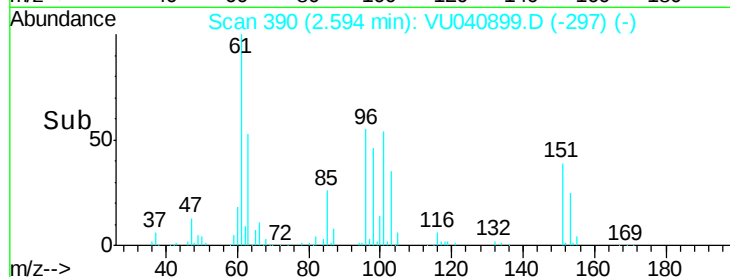
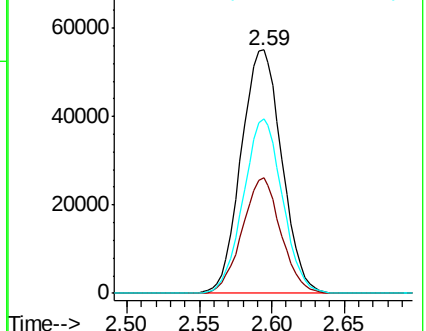
151 69.0 56.3 84.5



Abundance Ion 101.00 (100.70 to 101.70): VU040899.D (-297) (-)

Ion 85.00 (84.70 to 85.70): VU040899.D (-297) (-)

Ion 151.00 (150.70 to 151.70): VU040899.D (-297) (-)



#12

1,1-Dichloroethene

Concen: 5.035 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

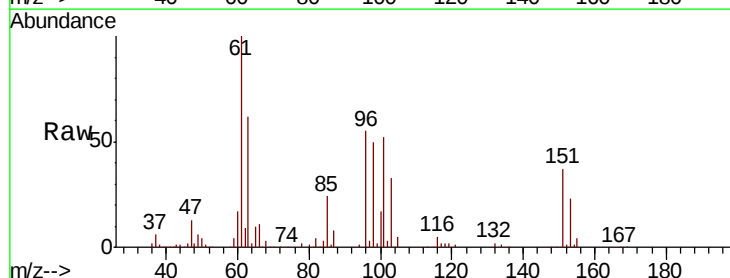
Tgt Ion: 96 Resp: 94254

Ion Ratio Lower Upper

96 100

61 182.2 130.9 243.1

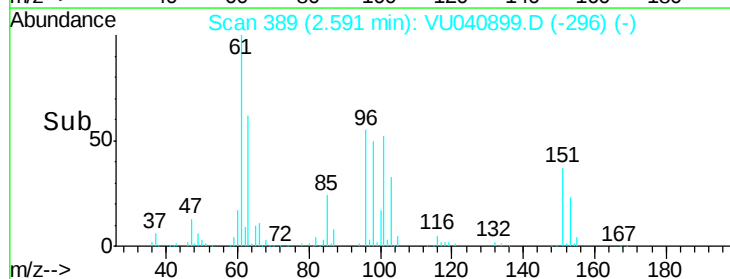
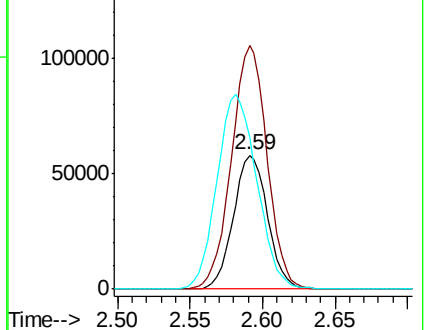
63 113.0 85.4 158.6

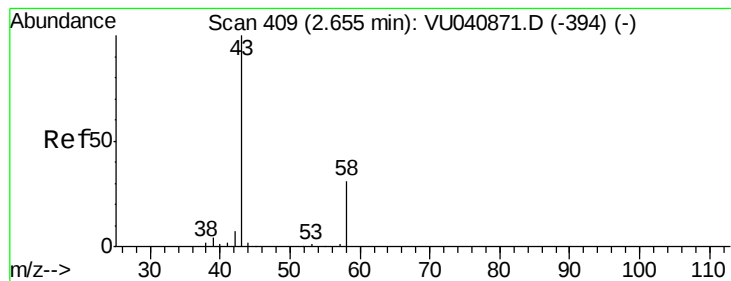


Abundance Ion 96.00 (95.70 to 96.70): VU040899.D (-296) (-)

Ion 61.05 (60.75 to 61.75): VU040899.D (-296) (-)

Ion 63.00 (62.70 to 63.70): VU040899.D (-296) (-)





#13

Acetone

Concen: 62.869 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Instrument :

MSVOA\_U

ClientSampleId :

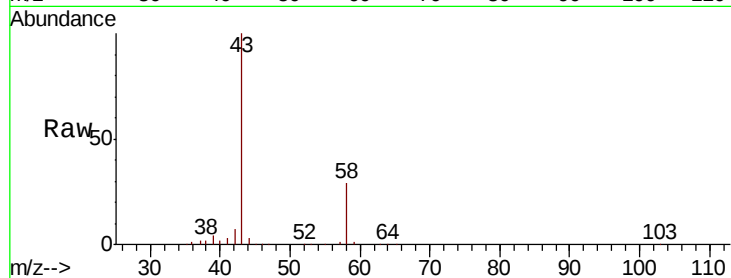
VSTD00524

Tot Ion: 43 Resp: 274912

Ion Ratio Lower Upper

43 100

58 28.5 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VU040899.D (-316) (-)

Ion 58.05 (57.75 to 58.75): VU040899.D (-316) (-)

2.65

100000

80000

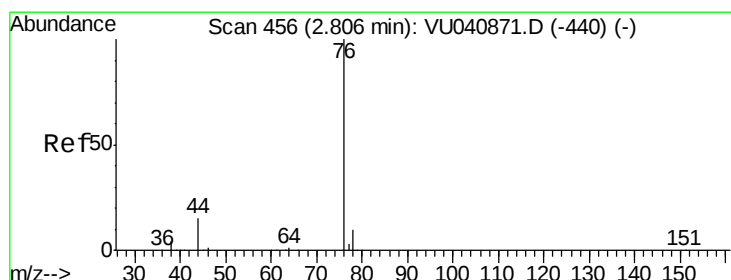
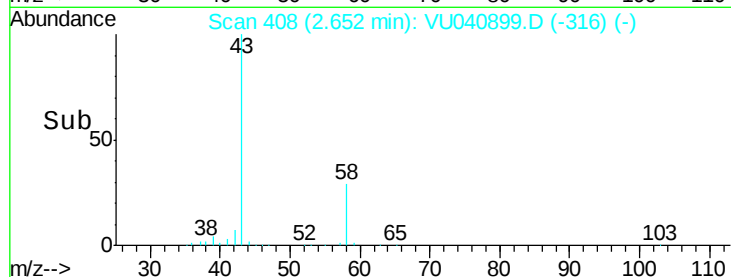
60000

40000

20000

0

Time-->



#14

Carbon disulfide

Concen: 4.989 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040899.D

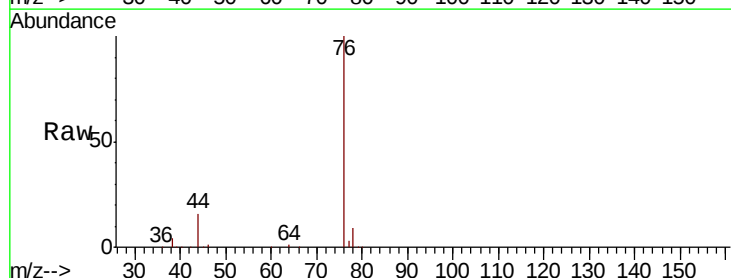
Acq: 22 Oct 2020 10:22

Tgt Ion: 76 Resp: 332306

Ion Ratio Lower Upper

76 100

78 8.7 6.8 10.2



Abundance Ion 76.05 (75.75 to 76.75): VU040899.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU040899.D (-363) (-)

2.81

200000

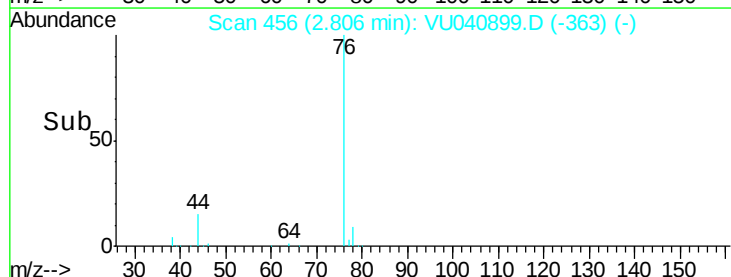
150000

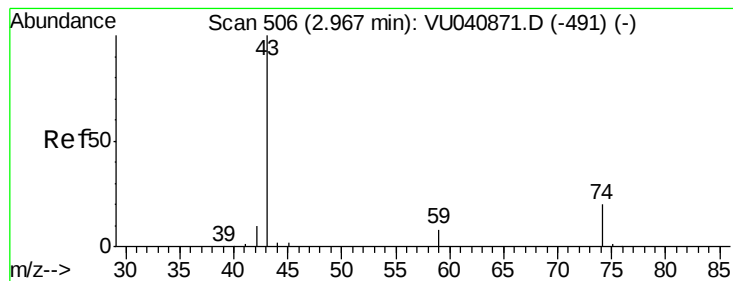
100000

50000

0

Time-->





#15

Methvl Acetate

Concen: 5.619 ug/L

RT: 2.96 min Scan# 505

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Instrument :

MSVOA\_U

ClientSampleId :

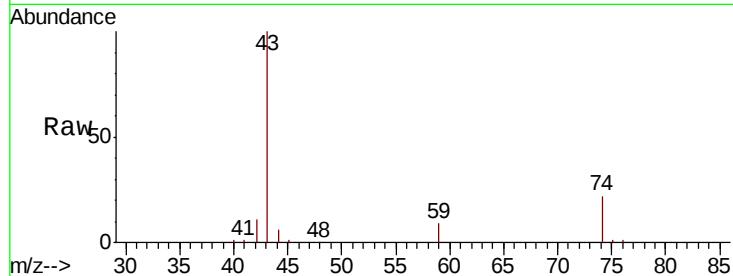
VSTD00524

Tot Ion: 43 Resp: 62143

Ion Ratio Lower Upper

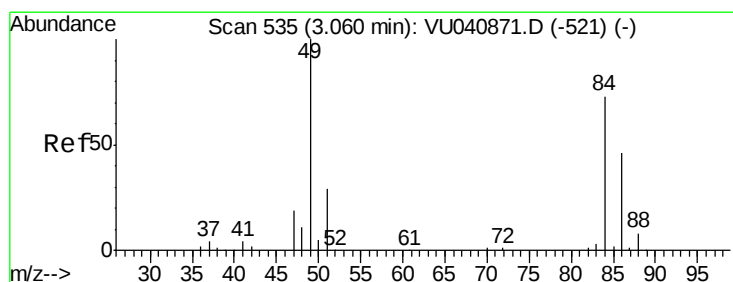
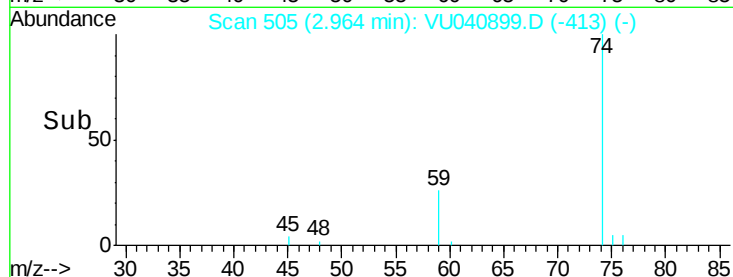
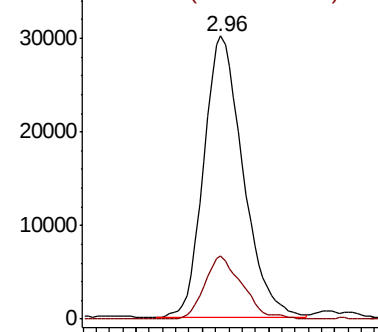
43 100

74 21.4 16.6 25.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#16

Methylene chloride

Concen: 5.041 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

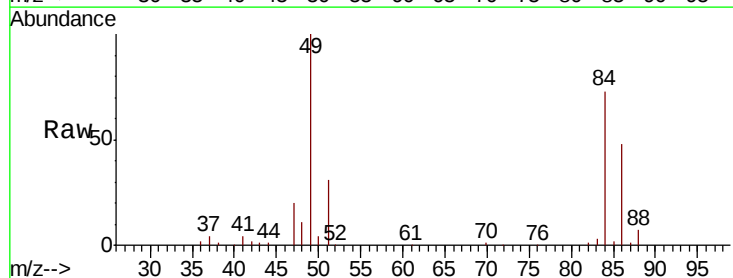
Tgt Ion: 84 Resp: 116075

Ion Ratio Lower Upper

84 100

86 65.4 44.9 83.5

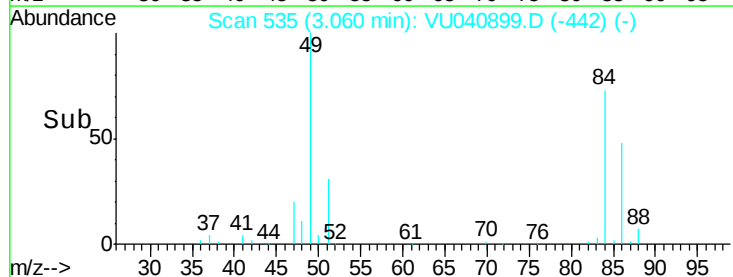
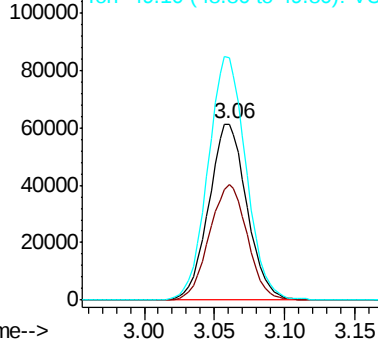
49 137.5 94.7 175.9

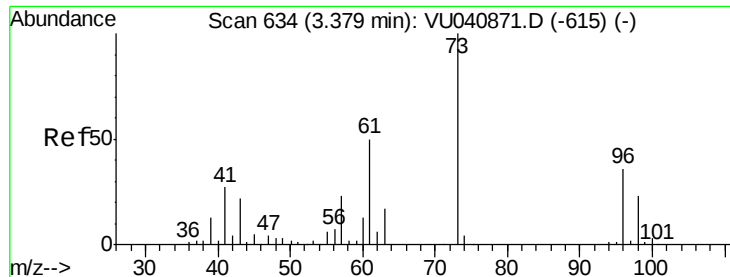


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

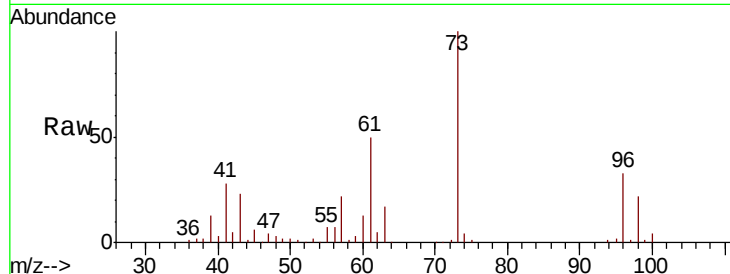




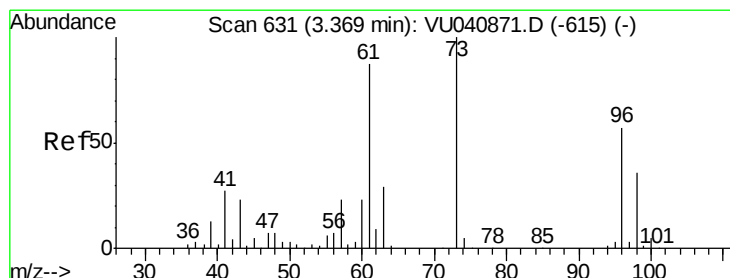
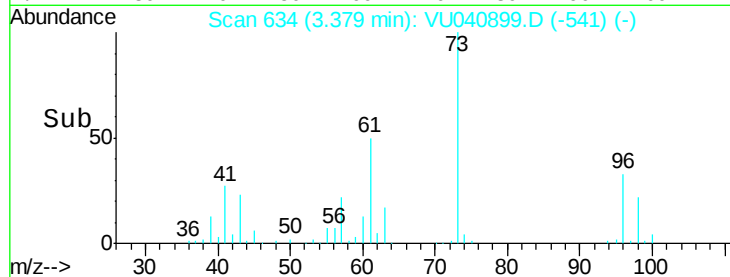
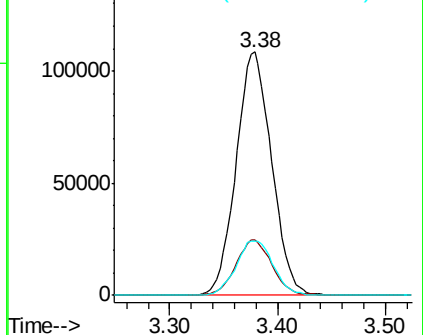
#17  
Methvl tert-butvl Ether  
Concen: 5.449 ug/L  
RT: 3.38 min Scan# 634  
Delta R.T. -0.00 min  
Lab File: VU040899.D  
Acq: 22 Oct 2020 10:22

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00524

Tot Ion: 73 Resp: 248312  
Ion Ratio Lower Upper  
73 100  
43 23.4 18.6 27.8  
57 23.5 18.5 27.7

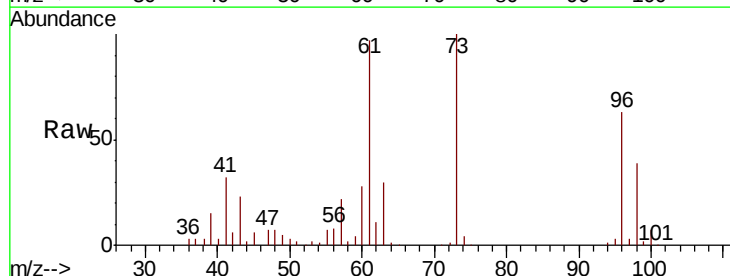


Abundance Ion 73.10 (72.80 to 73.80): VU0  
Ion 43.05 (42.75 to 43.75): VU0  
Ion 57.10 (56.80 to 57.80): VU0

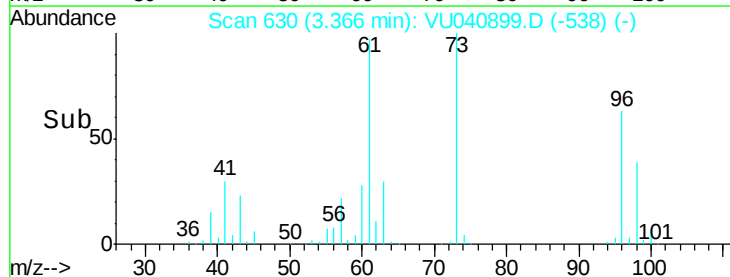
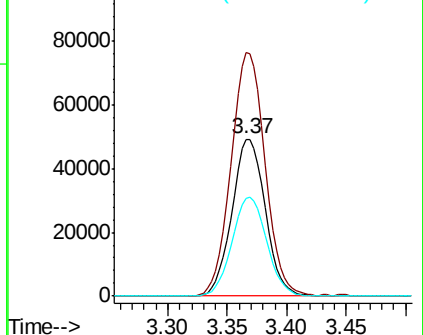


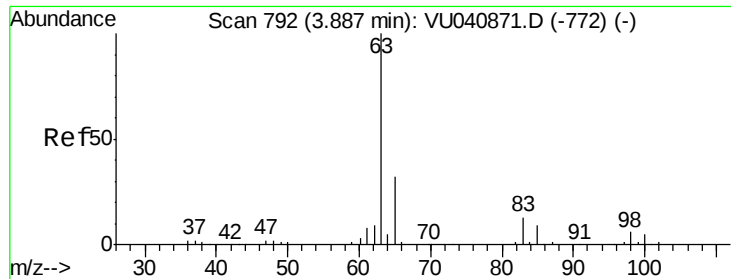
#18  
trans-1,2-Dichloroethene  
Concen: 4.946 ug/L  
RT: 3.37 min Scan# 630  
Delta R.T. -0.00 min  
Lab File: VU040899.D  
Acq: 22 Oct 2020 10:22

Tgt Ion: 96 Resp: 96032  
Ion Ratio Lower Upper  
96 100  
61 155.0 107.9 200.3  
98 62.5 47.5 88.1



Abundance Ion 96.00 (95.70 to 96.70): VU0  
Ion 61.05 (60.75 to 61.75): VU0  
Ion 97.95 (97.65 to 98.65): VU0

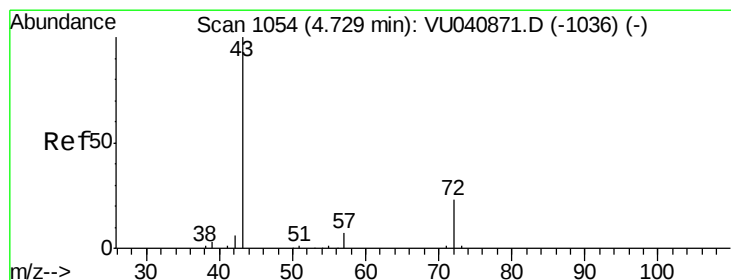
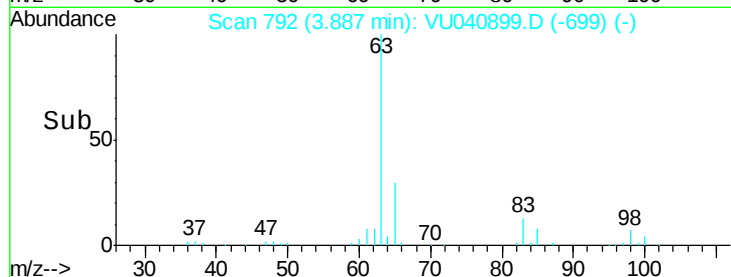
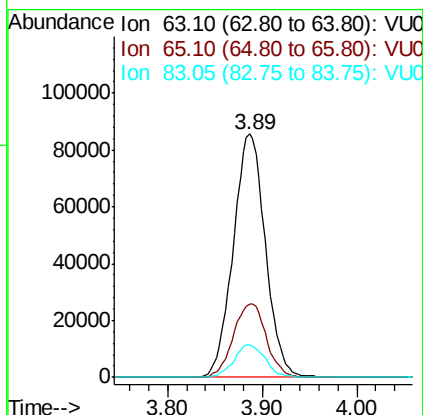
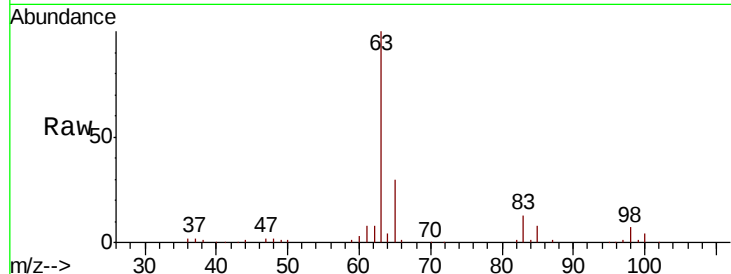




#19  
 1,1-Dichloroethane  
 Concen: 5.174 ug/L  
 RT: 3.89 min Scan# 792  
 Delta R.T. -0.00 min  
 Lab File: VU040899.D  
 Acq: 22 Oct 2020 10:22

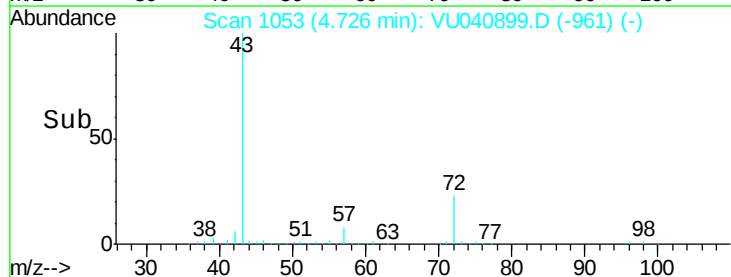
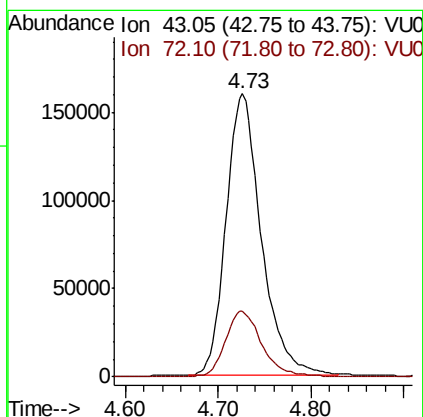
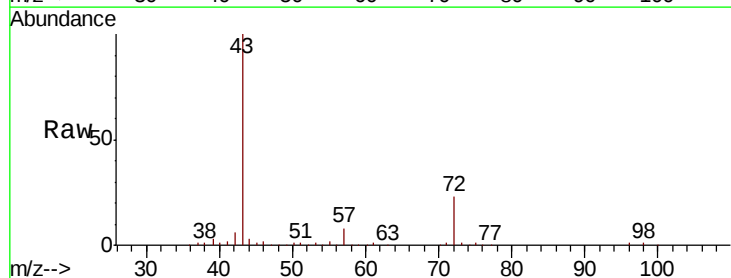
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTD00524

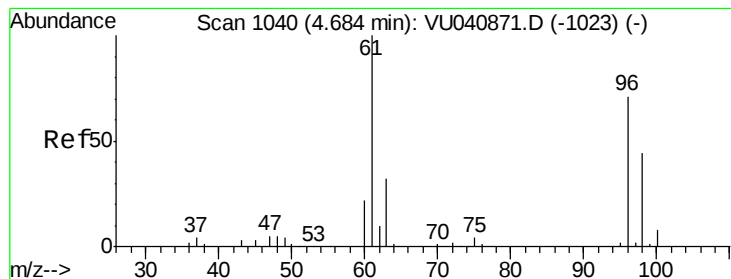
Tot Ion: 63 Resp: 202122  
 Ion Ratio Lower Upper  
 63 100  
 65 30.2 22.6 42.0  
 83 13.1 9.4 17.6



#21  
 2-Butanone  
 Concen: 63.710 ug/L  
 RT: 4.73 min Scan# 1053  
 Delta R.T. -0.00 min  
 Lab File: VU040899.D  
 Acq: 22 Oct 2020 10:22

Tgt Ion: 43 Resp: 419890  
 Ion Ratio Lower Upper  
 43 100  
 72 24.4 12.2 36.4





#22

cis-1,2-Dichloroethene

Concen: 4.891 ug/L

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Instrument :

MSVOA\_U

ClientSampled :

VSTD00524

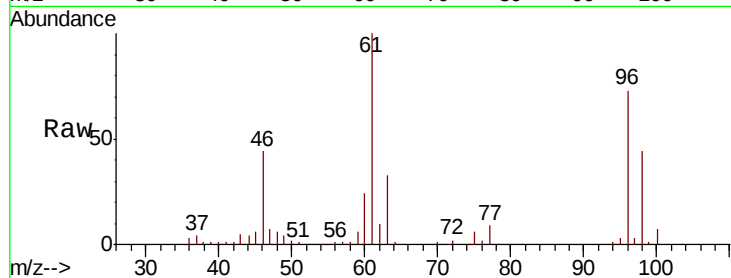
Tot Ion: 96 Resp: 104266

Ion Ratio Lower Upper

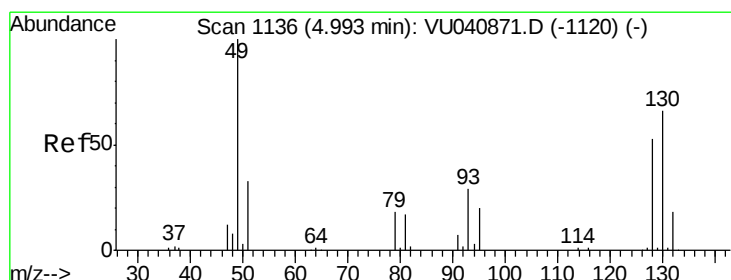
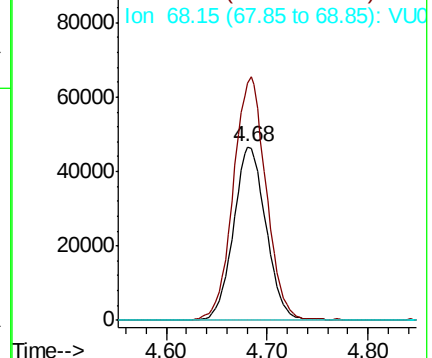
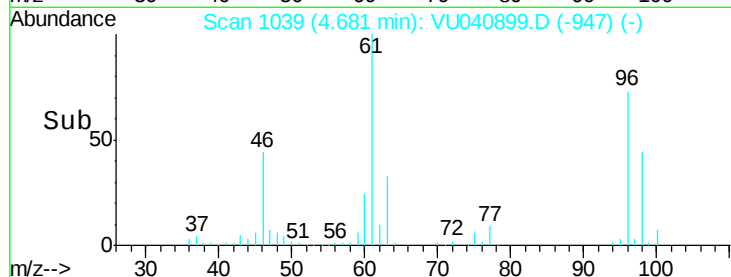
96 100

61 136.8 100.0 185.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040899.D (-1043) (-)



#23

Bromochloromethane

Concen: 5.390 ug/L

RT: 4.99 min Scan# 1135

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Tgt Ion:128 Resp: 51362

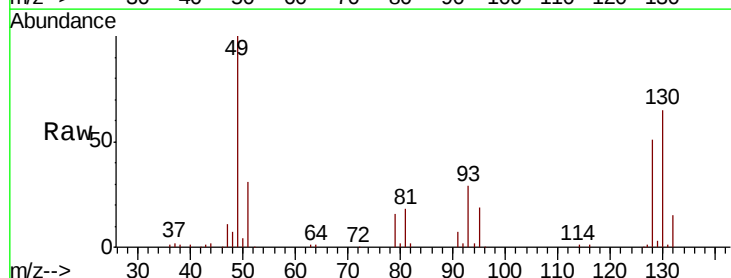
Ion Ratio Lower Upper

128 100

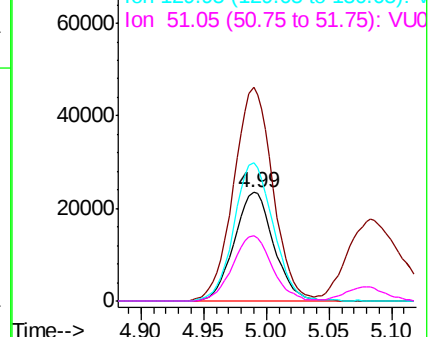
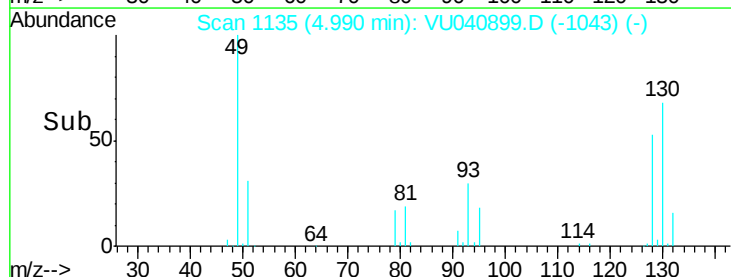
49 196.4 133.2 247.4

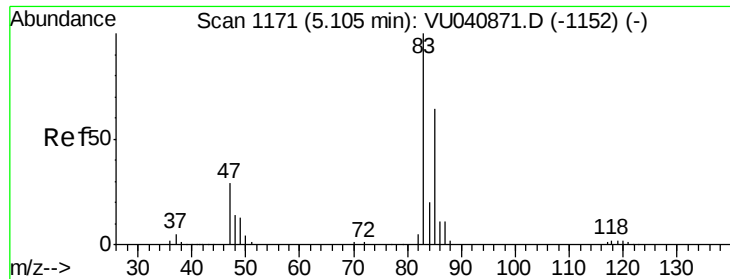
130 127.1 86.6 160.8

51 60.5 48.8 73.2



Abundance Ion 127.90 (127.60 to 128.60): VU040899.D (-1043) (-)

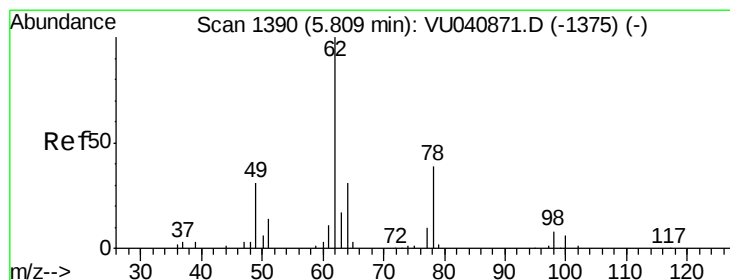
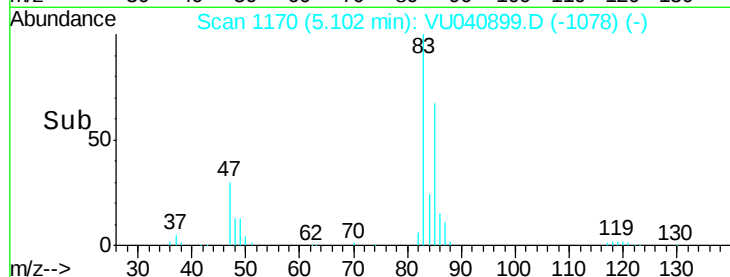
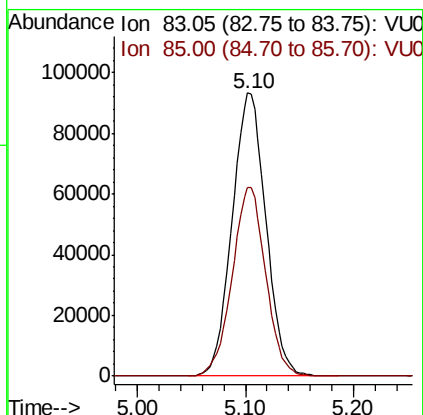
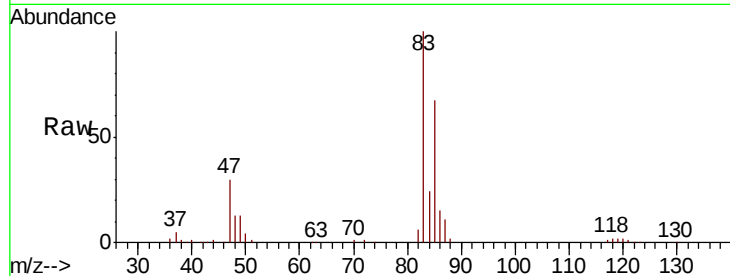




#25  
Chloroform  
Concen: 5.096 ug/L  
RT: 5.10 min Scan# 1170  
Delta R.T. -0.00 min  
Lab File: VU040899.D  
Acq: 22 Oct 2020 10:22

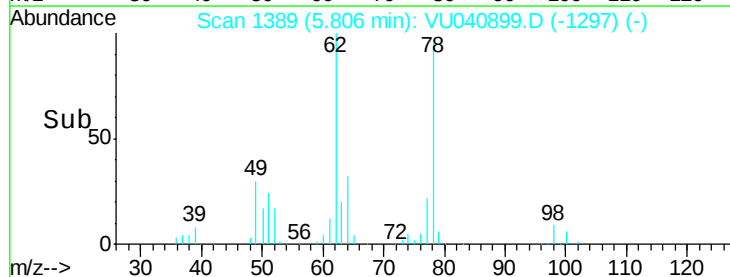
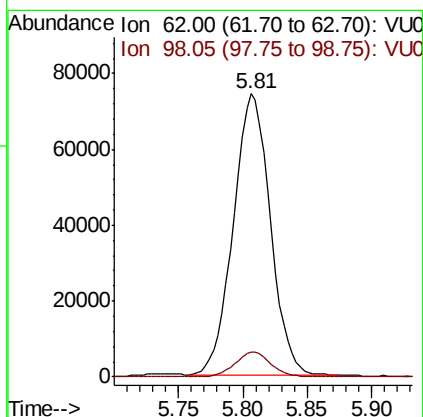
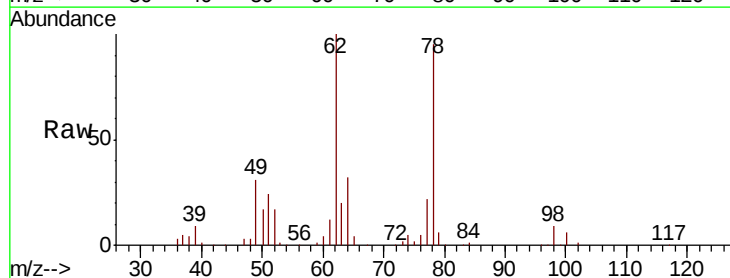
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00524

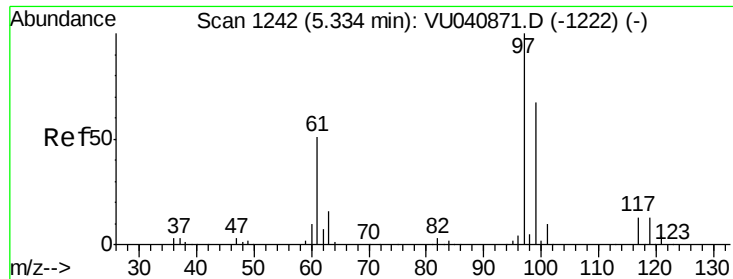
Tot Ion: 83 Resp: 203125  
Ion Ratio Lower Upper  
83 100  
85 66.6 43.4 80.6



#27  
1,2-Dichloroethane  
Concen: 5.475 ug/L  
RT: 5.81 min Scan# 1389  
Delta R.T. -0.00 min  
Lab File: VU040899.D  
Acq: 22 Oct 2020 10:22

Tgt Ion: 62 Resp: 149004  
Ion Ratio Lower Upper  
62 100  
98 9.0 7.0 10.6

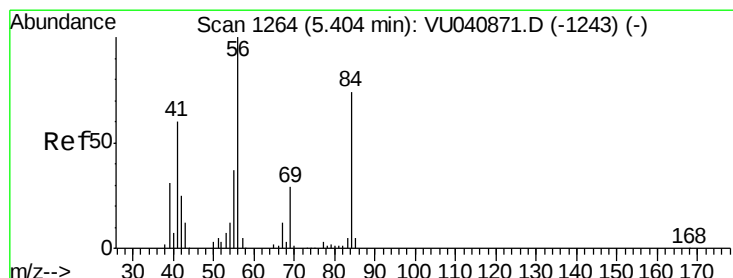
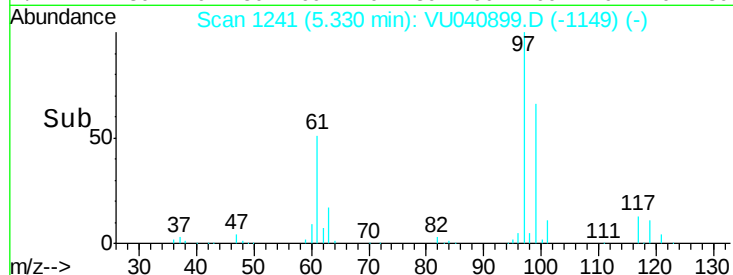
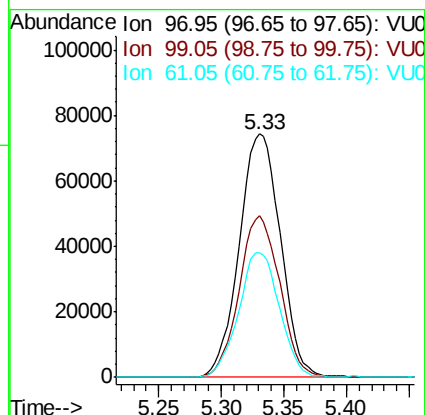
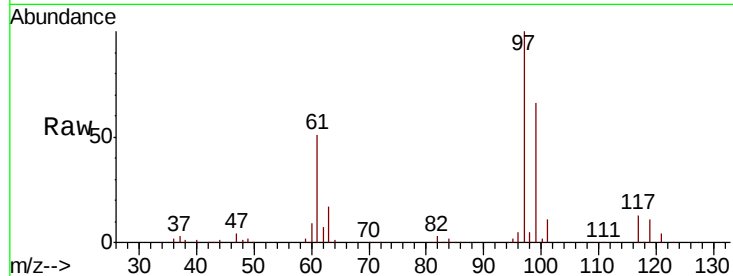




#29  
 1,1,1-Trichloroethane  
 Concen: 5.080 ug/L  
 RT: 5.33 min Scan# 1241  
 Delta R.T. -0.00 min  
 Lab File: VU040899.D  
 Acq: 22 Oct 2020 10:22

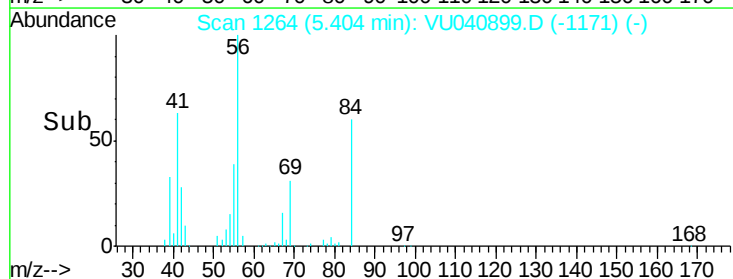
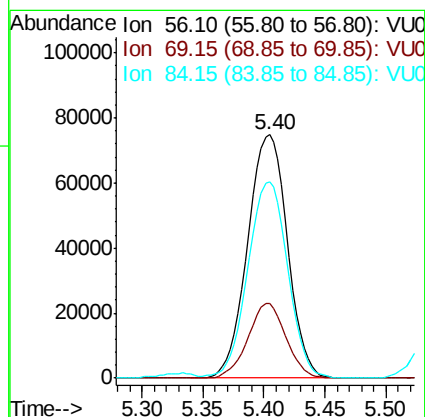
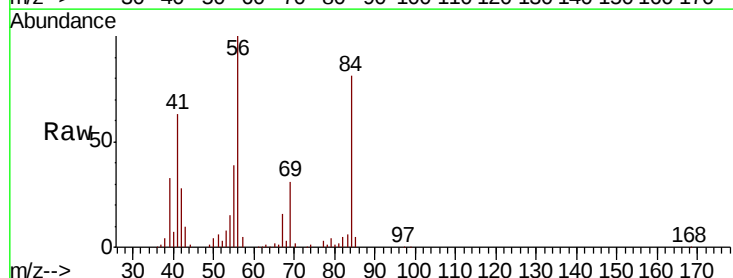
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTD00524

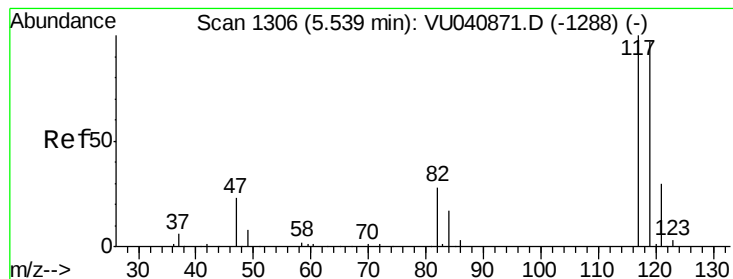
Tot Ion: 97 Resp: 169672  
 Ion Ratio Lower Upper  
 97 100  
 99 65.2 51.2 76.8  
 61 50.9 39.0 58.6



#30  
 Cyclohexane  
 Concen: 5.070 ug/L  
 RT: 5.40 min Scan# 1264  
 Delta R.T. -0.00 min  
 Lab File: VU040899.D  
 Acq: 22 Oct 2020 10:22

Tgt Ion: 56 Resp: 168886  
 Ion Ratio Lower Upper  
 56 100  
 69 29.2 22.6 33.8  
 84 80.8 63.0 94.6





#31

Carbon tetrachloride

Concen: 5.159 ug/L

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Instrument :

MSVOA\_U

ClientSampleId :

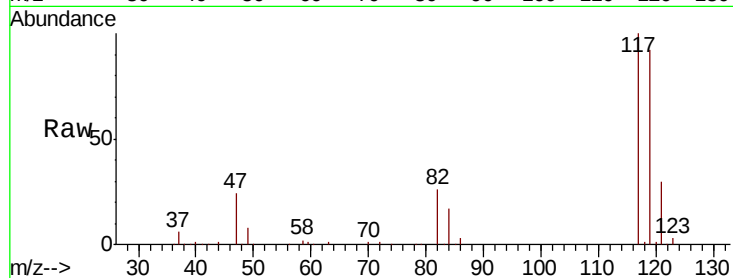
VSTD00524

Tot Ion:117 Resp: 151473

Ion Ratio Lower Upper

117 100

119 96.7 77.2 115.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.54

80000

60000

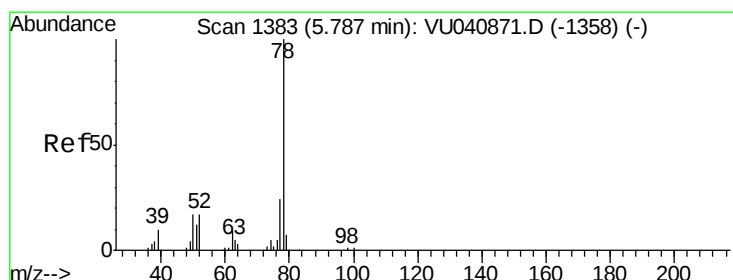
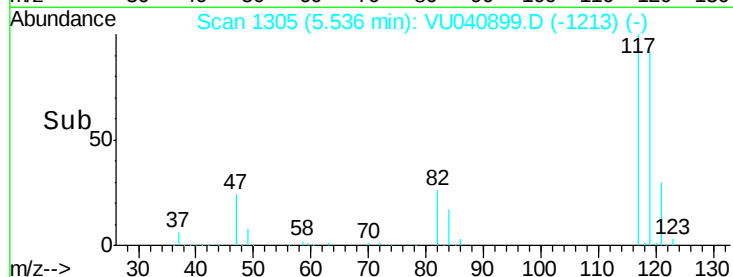
40000

20000

0

Time-->

5.45 5.50 5.55 5.60



#33

Benzene

Concen: 5.119 ug/L

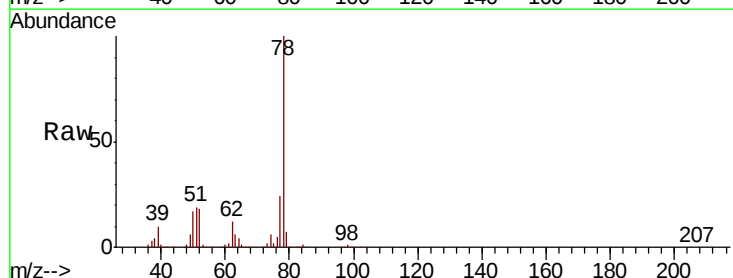
RT: 5.79 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Tgt Ion: 78 Resp: 422809



Abundance Ion 78.10 (77.80 to 78.80): VU0

250000

200000

150000

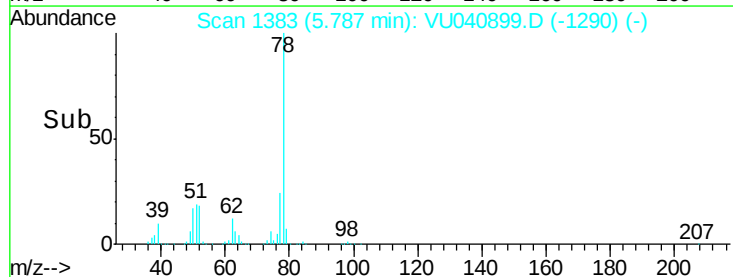
100000

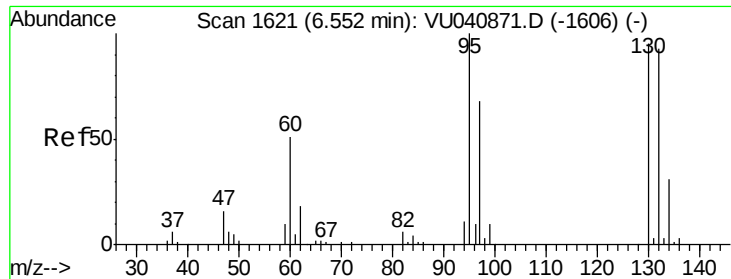
50000

0

Time-->

5.70 5.80

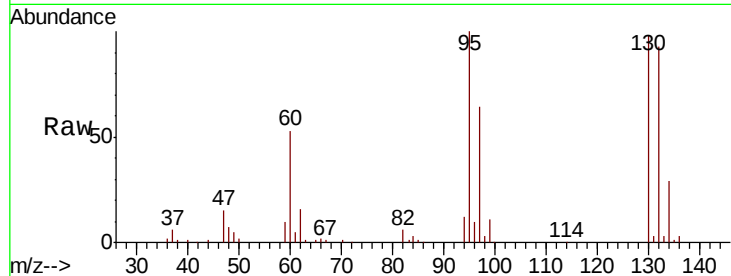




#34  
 Trichloroethene  
 Concen: 5.102 ug/L  
 RT: 6.55 min Scan# 1621  
 Delta R.T. -0.00 min  
 Lab File: VU040899.D  
 Acq: 22 Oct 2020 10:22

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00524

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 95    | Resp: | 107249 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 64.1  | 46.0  | 85.4   |
| 132      | 92.8  | 63.6  | 118.2  |
| 130      | 98.1  | 68.6  | 127.4  |

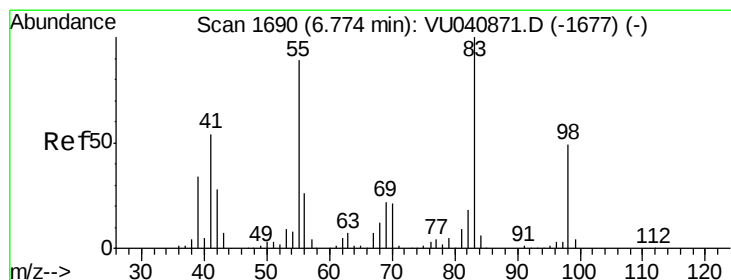
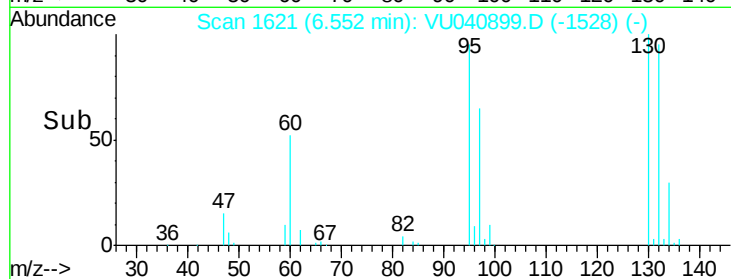
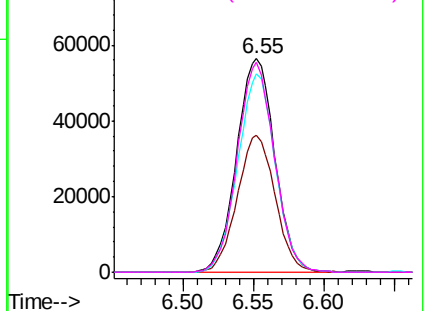


Abundance Ion 95.00 (94.70 to 95.70): VU040899.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU040899.D (-1528) (-)

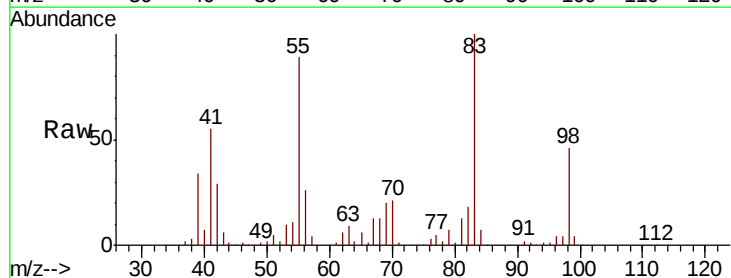
Ion 131.95 (131.65 to 132.65): VU040899.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU040899.D (-1528) (-)



#35  
 Methylcyclohexane  
 Concen: 5.151 ug/L  
 RT: 6.77 min Scan# 1690  
 Delta R.T. 0.00 min  
 Lab File: VU040899.D  
 Acq: 22 Oct 2020 10:22

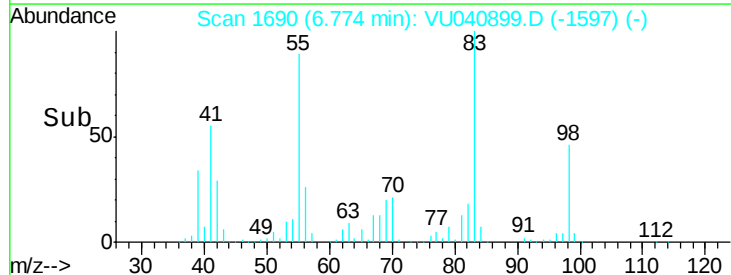
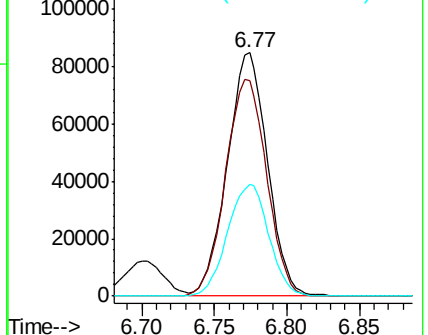
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 162055 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 91.6  | 69.1  | 103.7  |
| 98       | 47.4  | 37.8  | 56.6   |

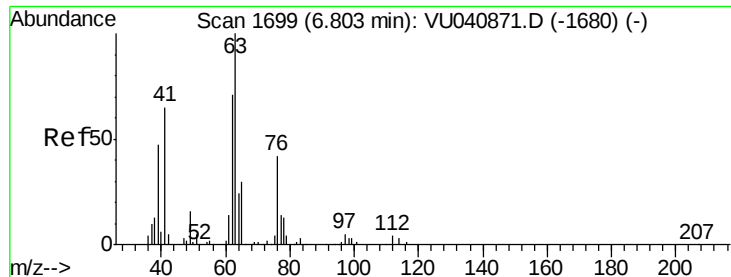


Abundance Ion 83.15 (82.85 to 83.85): VU040899.D (-1597) (-)

Ion 55.10 (54.80 to 55.80): VU040899.D (-1597) (-)

Ion 98.15 (97.85 to 98.85): VU040899.D (-1597) (-)





#37

1,2-Dichloropropane

Concen: 5.169 ug/L

RT: 6.80 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Instrument :

MSVOA\_U

ClientSampleId :

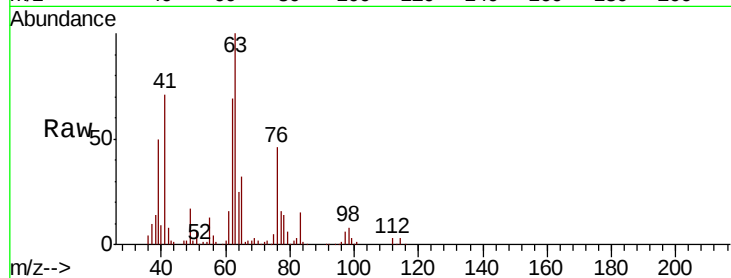
VSTD00524

Tot Ion: 63 Resp: 115260

Ion Ratio Lower Upper

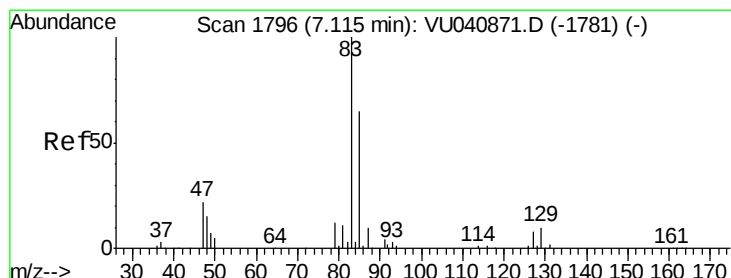
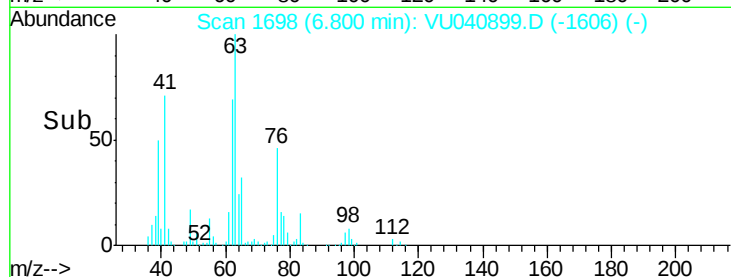
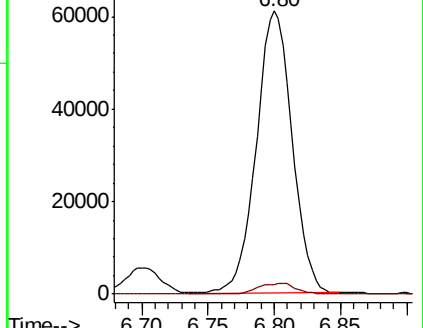
63 100

112 3.9 3.0 4.6



Abundance Ion 63.10 (62.80 to 63.80): VU040871.D (-1680) (-)

Ion 112.10 (111.80 to 112.80): VU040871.D (-1680) (-)



#38

Bromodichloromethane

Concen: 5.234 ug/L

RT: 7.11 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

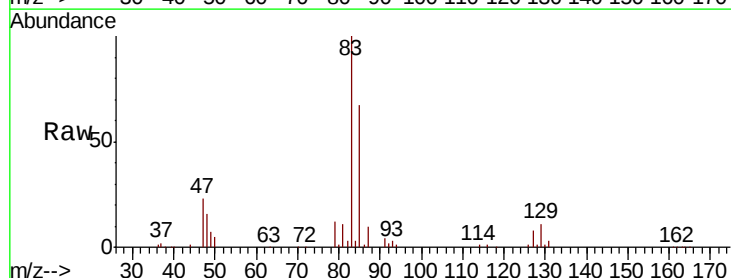
Tgt Ion: 83 Resp: 148190

Ion Ratio Lower Upper

83 100

85 66.8 43.3 80.5

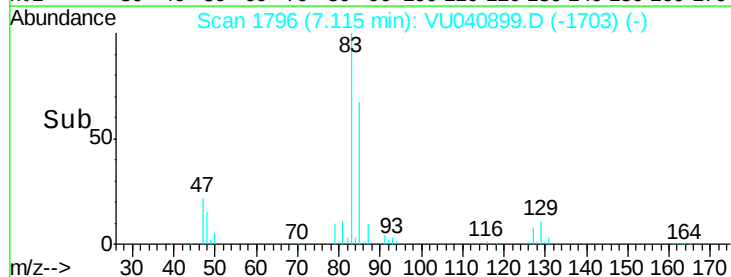
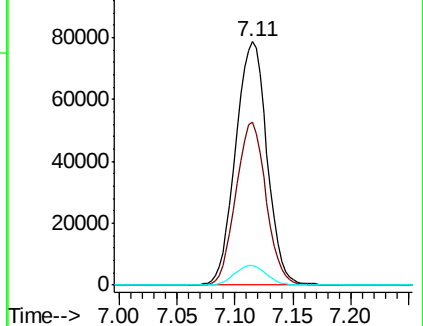
127 7.9 6.2 9.4

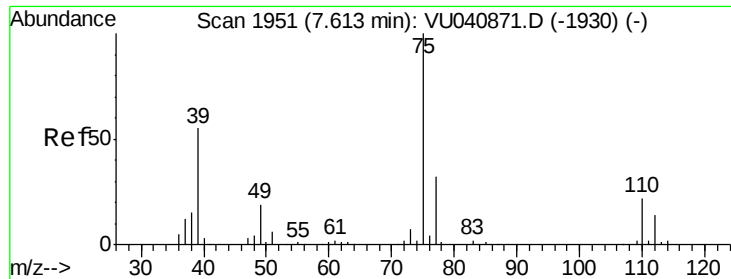


Abundance Ion 82.95 (82.65 to 83.65): VU040871.D (-1781) (-)

Ion 85.00 (84.70 to 85.70): VU040871.D (-1781) (-)

Ion 126.90 (126.60 to 127.60): VU040871.D (-1781) (-)

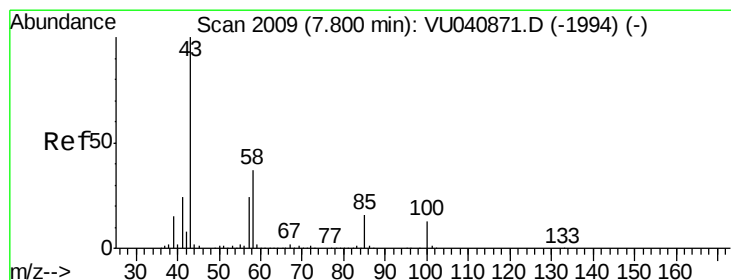
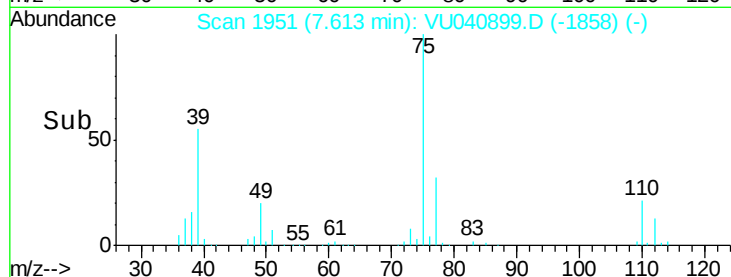
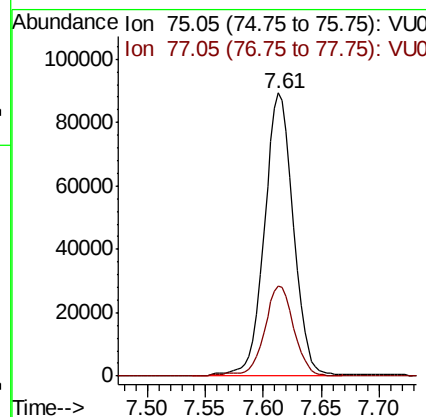
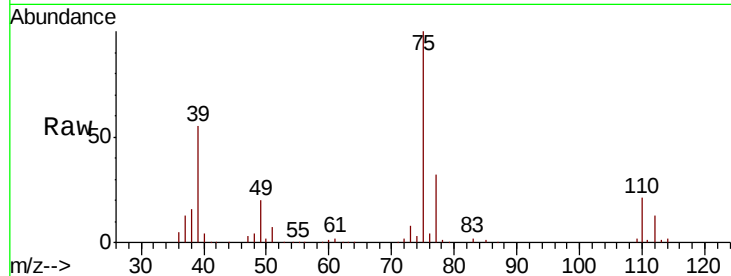




#39  
 cis-1,3-Dichloropropene  
 Concen: 5.206 ug/L  
 RT: 7.61 min Scan# 1951  
 Delta R.T. -0.00 min  
 Lab File: VU040899.D  
 Acq: 22 Oct 2020 10:22

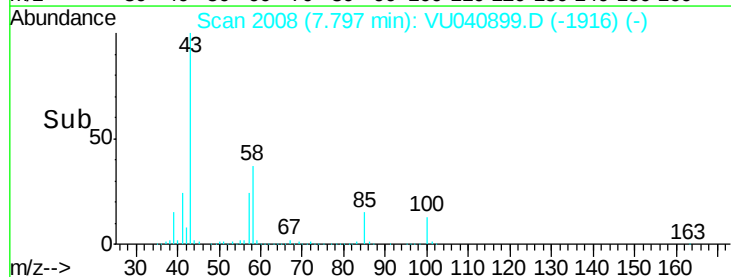
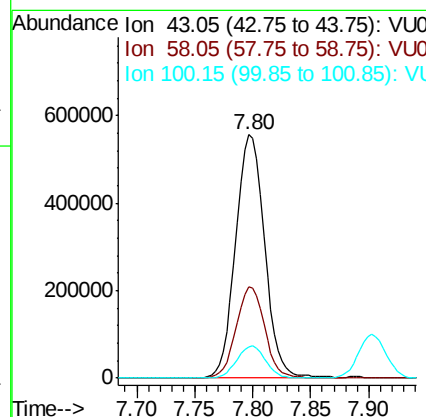
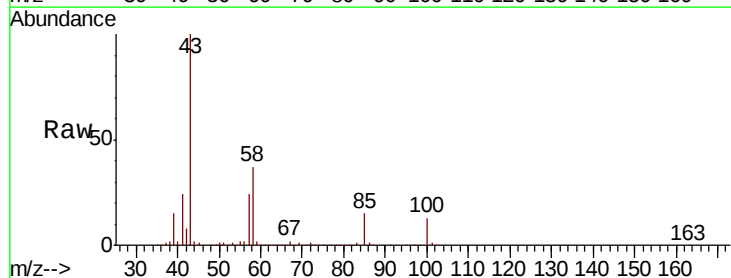
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00524

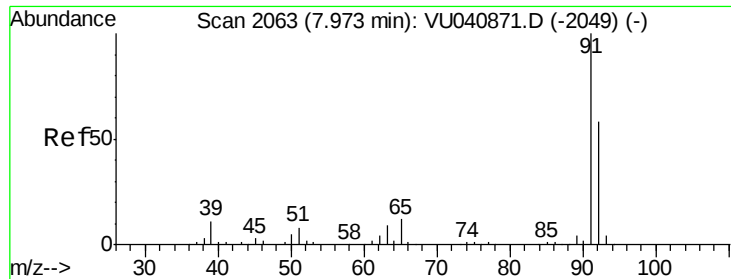
Tot Ion: 75 Resp: 155261  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 21.6 40.2



#40  
 4-Methyl-2-pentanone  
 Concen: 64.808 ug/L  
 RT: 7.80 min Scan# 2008  
 Delta R.T. -0.00 min  
 Lab File: VU040899.D  
 Acq: 22 Oct 2020 10:22

Tgt Ion: 43 Resp: 969765  
 Ion Ratio Lower Upper  
 43 100  
 58 36.8 29.7 44.5  
 100 13.0 10.6 16.0





#42

Toluene

Concen: 5.270 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Instrument :

MSVOA\_U

ClientSampleId :

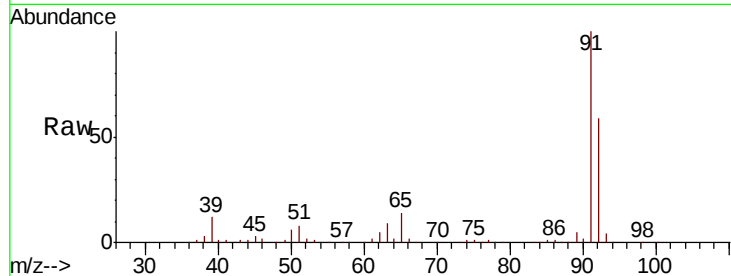
VSTD00524

Tot Ion: 91 Resp: 437187

Ion Ratio Lower Upper

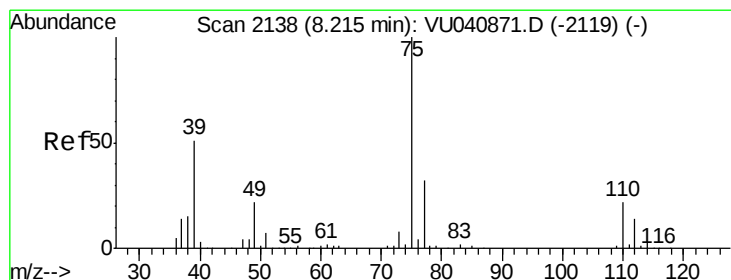
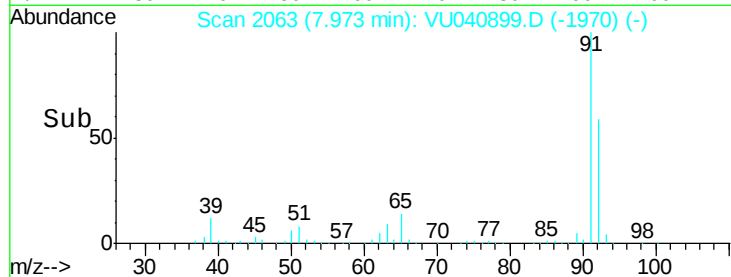
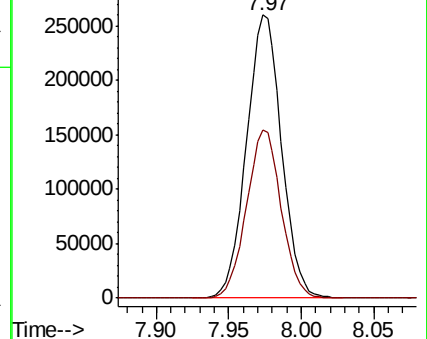
91 100

92 59.3 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU040871.D (-2049) (-)

Ion 92.15 (91.85 to 92.85): VU040871.D (-2049) (-)



#44

trans-1,3-Dichloropropene

Concen: 5.588 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.00 min

Lab File: VU040899.D

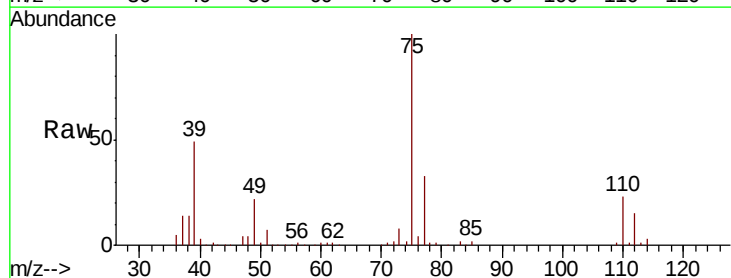
Acq: 22 Oct 2020 10:22

Tgt Ion: 75 Resp: 150871

Ion Ratio Lower Upper

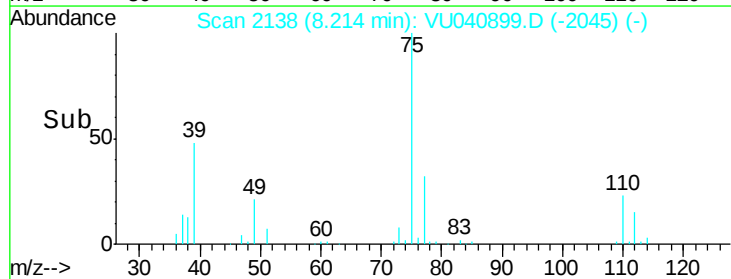
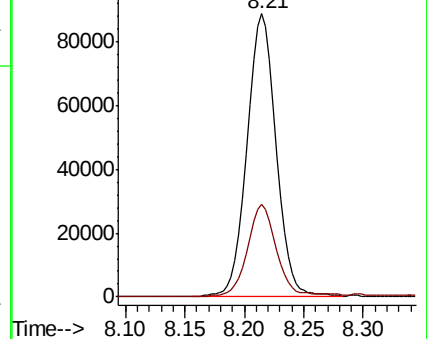
75 100

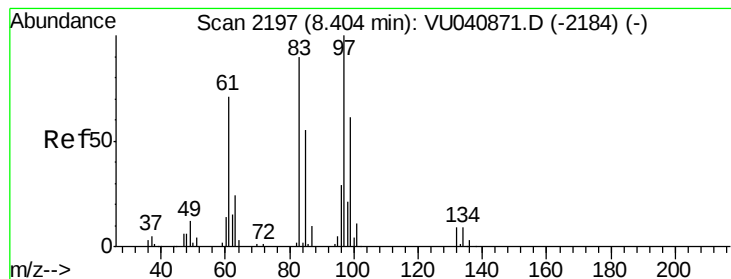
77 32.6 22.6 42.0



Abundance Ion 75.05 (74.75 to 75.75): VU040871.D (-2119) (-)

Ion 77.05 (76.75 to 77.75): VU040871.D (-2119) (-)





#45

1,1,2-Trichloroethane

Concen: 5.711 ug/L

RT: 8.40 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Instrument :

MSVOA\_U

ClientSampleId :

VSTD00524

Tot Ion: 97 Resp: 86767

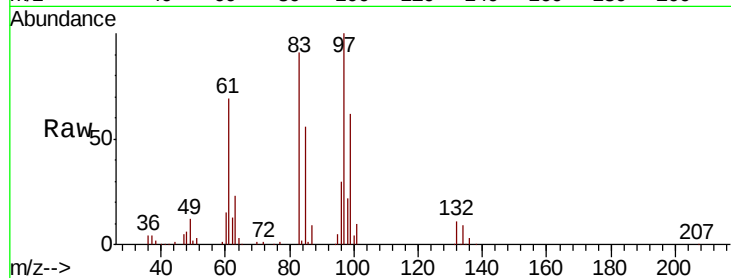
Ion Ratio Lower Upper

97 100

99 62.1 42.1 78.1

83 91.4 62.0 115.2

85 56.2 40.3 74.8



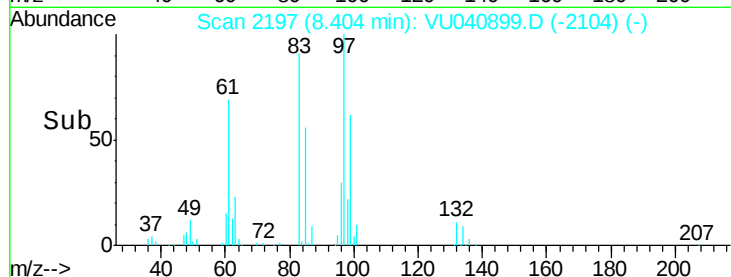
Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

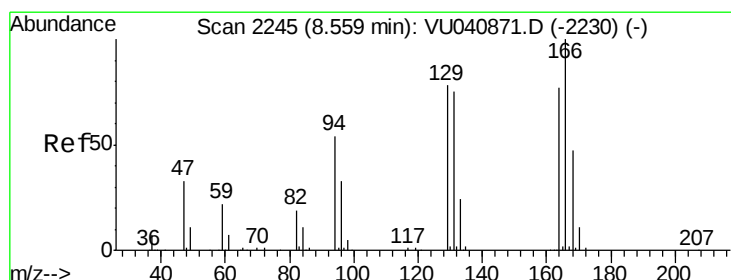
Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Time-->



Time-->



#47

Tetrachloroethene

Concen: 5.081 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Tgt Ion: 164 Resp: 79485

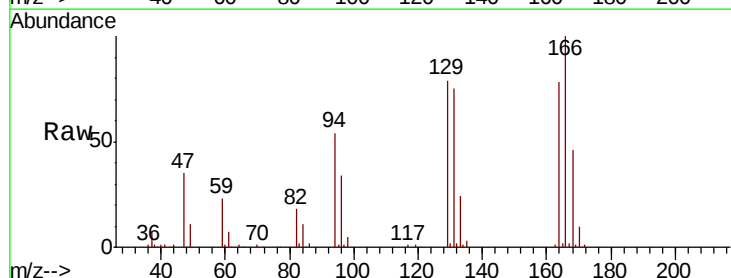
Ion Ratio Lower Upper

164 100

129 101.1 69.7 129.4

131 96.2 65.4 121.4

166 128.2 90.0 167.2



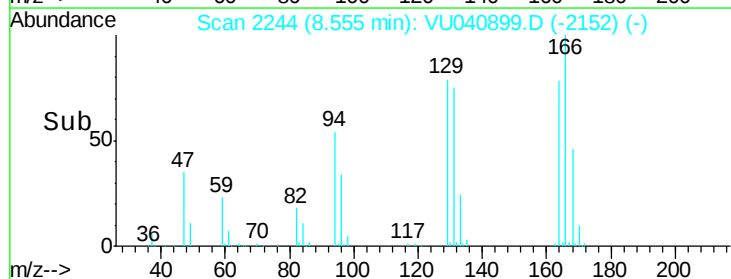
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

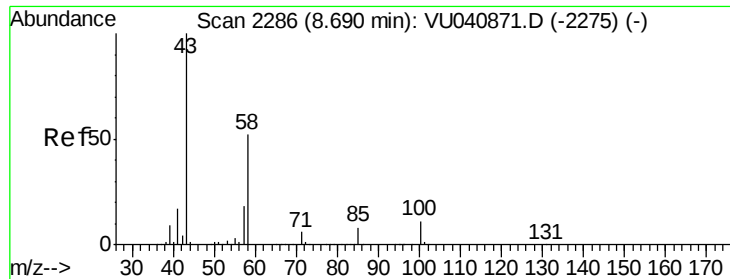
Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

Time-->



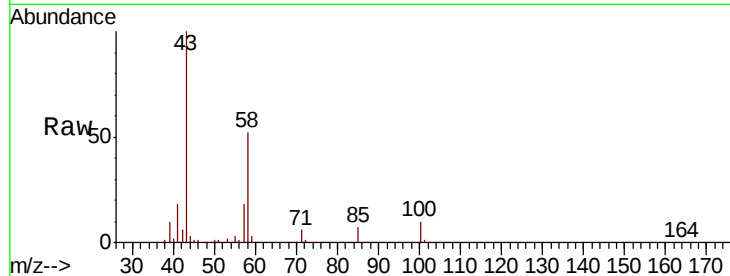
Time-->



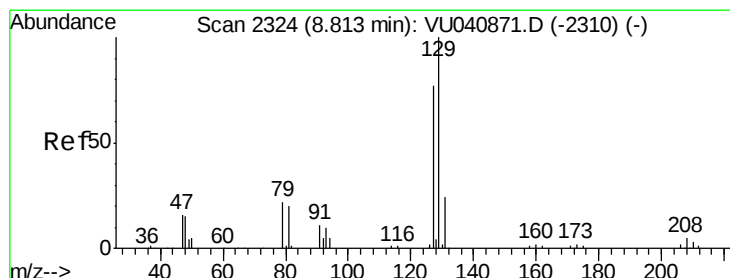
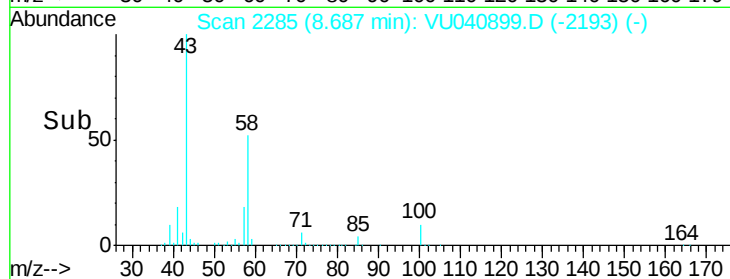
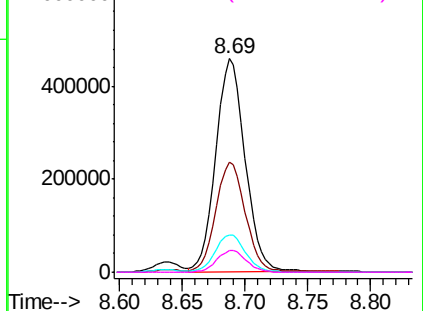
#48  
2-Hexanone  
Concen: 68.483 ug/L  
RT: 8.69 min Scan# 2285  
Delta R.T. -0.00 min  
Lab File: VU040899.D  
Acq: 22 Oct 2020 10:22

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00524

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 745471 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 51.9  | 40.9  | 61.3   |
| 57       | 18.1  | 14.4  | 21.6   |
| 100      | 10.2  | 8.3   | 12.5   |

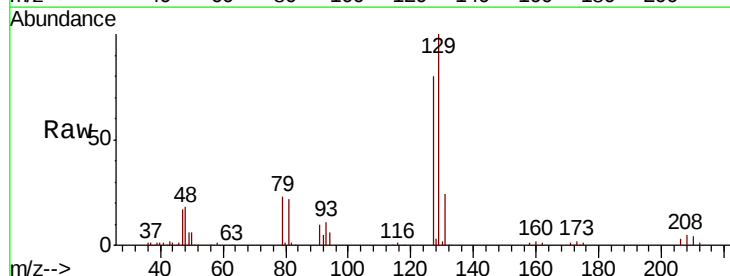


Abundance Ion 43.05 (42.75 to 43.75): VU040899.D (-2275) (-)  
Ion 58.05 (57.75 to 58.75): VU040899.D (-2275) (-)  
Ion 57.20 (56.90 to 57.90): VU040899.D (-2275) (-)  
Ion 100.15 (99.85 to 100.85): VU040899.D (-2275) (-)

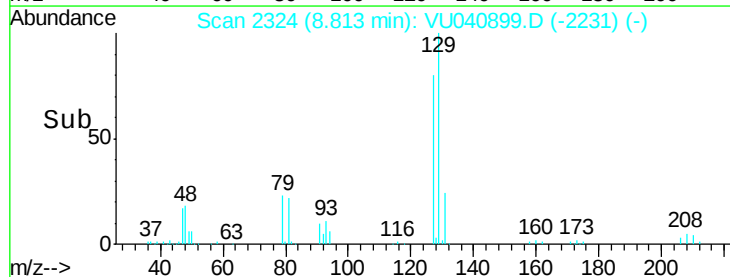
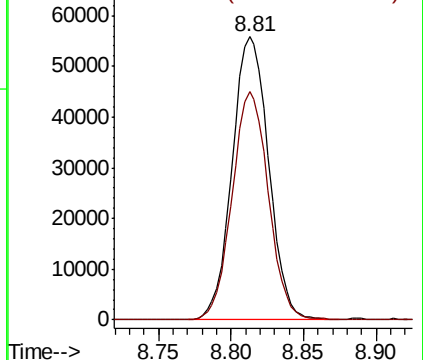


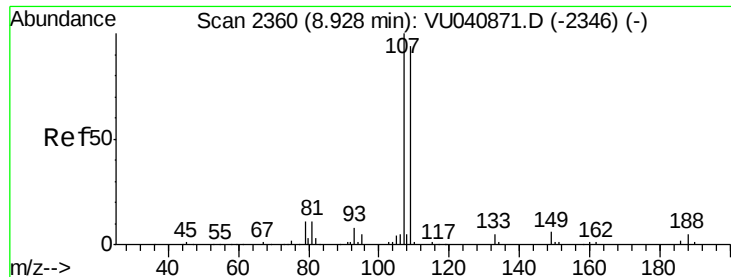
#49  
Dibromochloromethane  
Concen: 5.388 ug/L  
RT: 8.81 min Scan# 2324  
Delta R.T. -0.00 min  
Lab File: VU040899.D  
Acq: 22 Oct 2020 10:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 97671 |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 80.5  | 55.9  | 103.9 |



Abundance Ion 128.95 (128.65 to 129.65): VU040899.D (-2310) (-)  
Ion 126.90 (126.60 to 127.60): VU040899.D (-2310) (-)

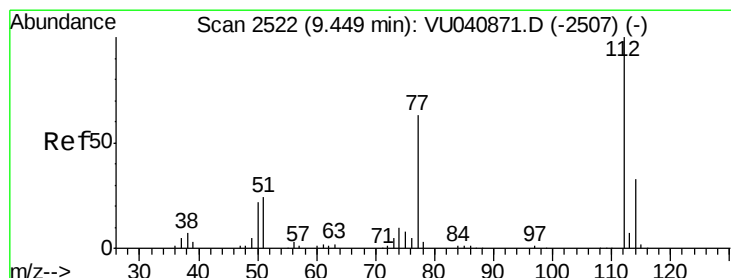
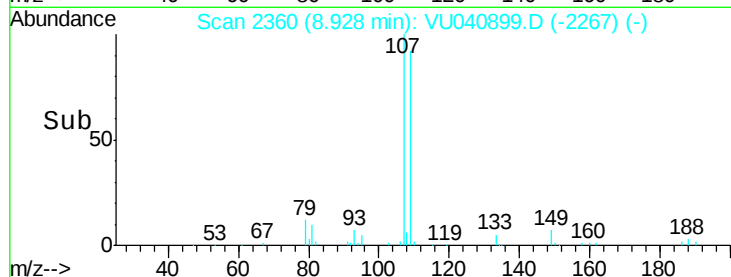
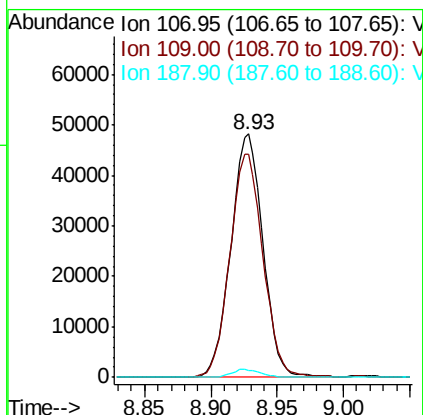
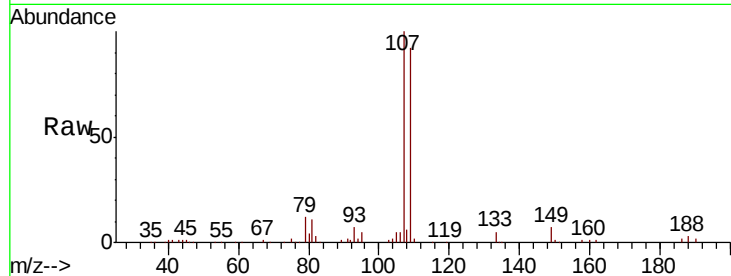




#50  
1,2-Dibromoethane  
Concen: 5.723 ug/L  
RT: 8.93 min Scan# 2360  
Delta R.T. -0.00 min  
Lab File: VU040899.D  
Acq: 22 Oct 2020 10:22

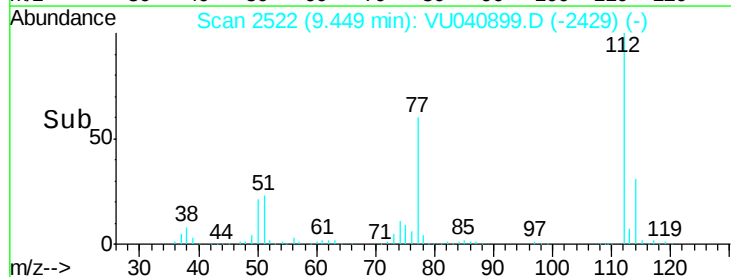
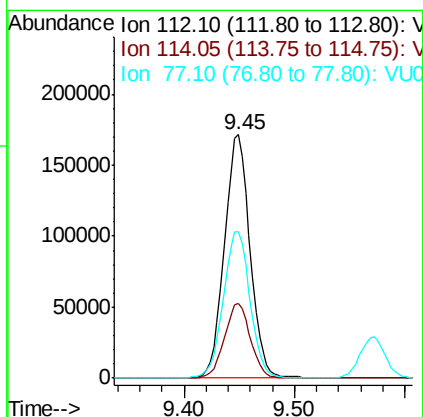
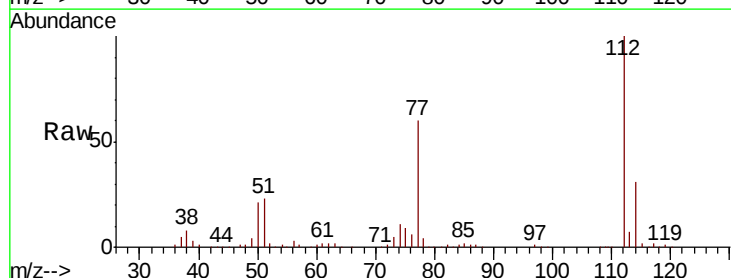
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00524

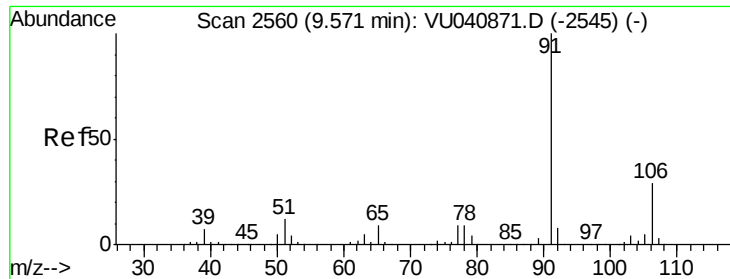
Tot Ion:107 Resp: 81216  
Ion Ratio Lower Upper  
107 100  
109 91.5 66.2 123.0  
188 2.9 3.1 4.7#



#51  
Chlorobenzene  
Concen: 5.148 ug/L  
RT: 9.45 min Scan# 2522  
Delta R.T. 0.00 min  
Lab File: VU040899.D  
Acq: 22 Oct 2020 10:22

Tgt Ion:112 Resp: 275770  
Ion Ratio Lower Upper  
112 100  
114 30.8 22.3 41.3  
77 60.1 49.8 74.6





#52

Ethylbenzene

Concen: 5.073 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Instrument :

MSVOA\_U

ClientSampleId :

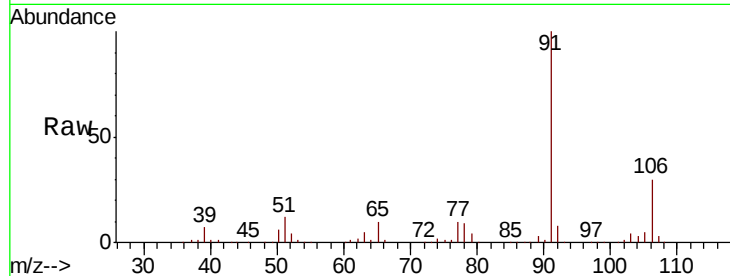
VSTD00524

Tot Ion: 91 Resp: 452466

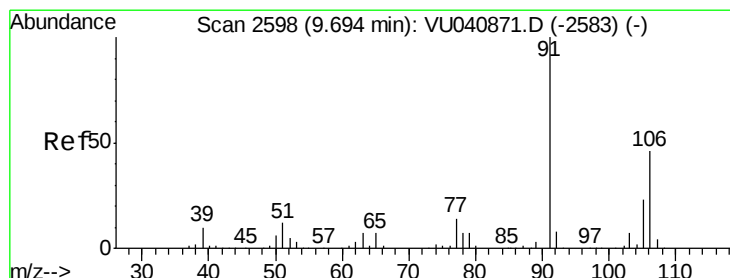
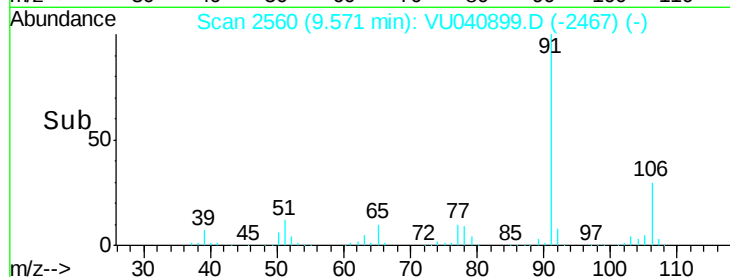
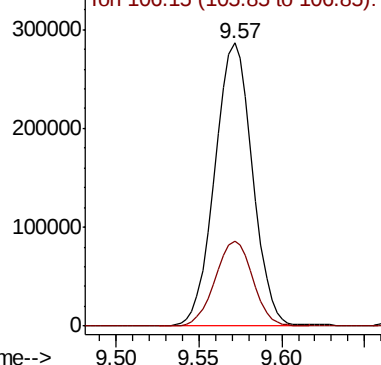
Ion Ratio Lower Upper

91 100

106 30.0 21.2 39.4



Abundance Ion 91.15 (90.85 to 91.85): VU040899.D (-2467) (-)



#53

m,p-Xylene

Concen: 5.398 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU040899.D

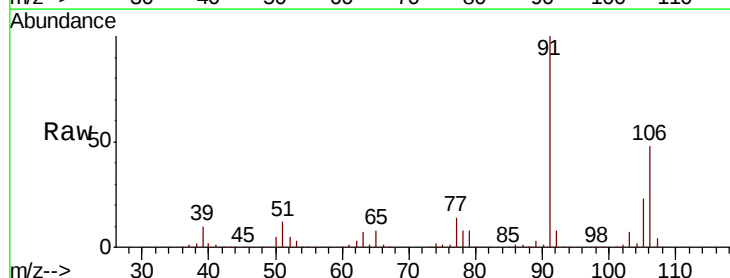
Acq: 22 Oct 2020 10:22

Tgt Ion: 106 Resp: 173458

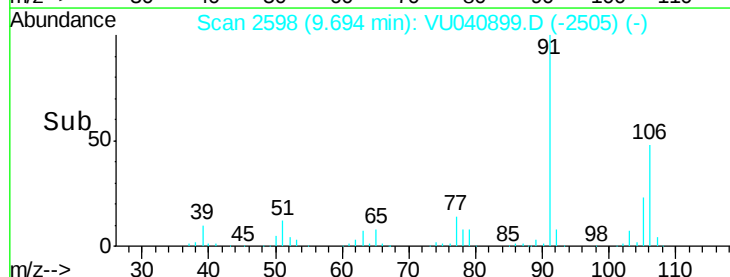
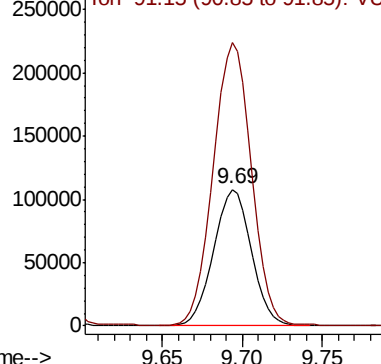
Ion Ratio Lower Upper

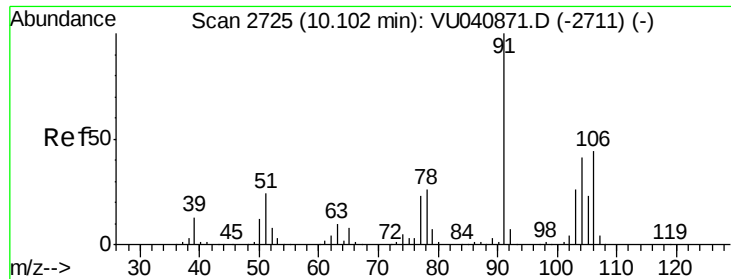
106 100

91 207.4 153.3 284.7



Abundance Ion 106.15 (105.85 to 106.85): VU040899.D (-2505) (-)

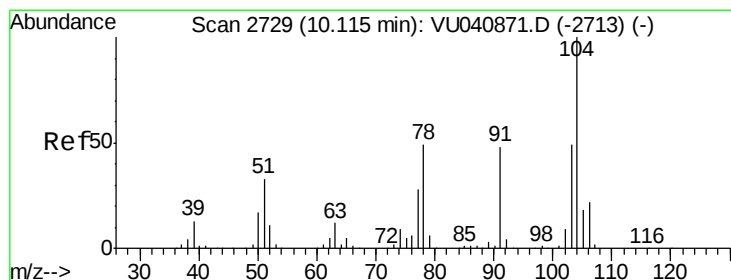
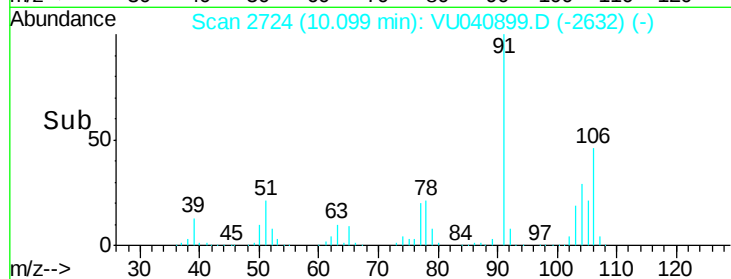
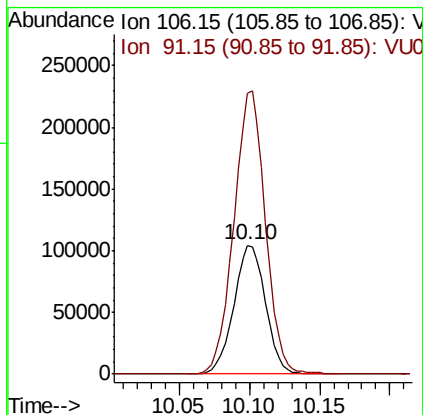
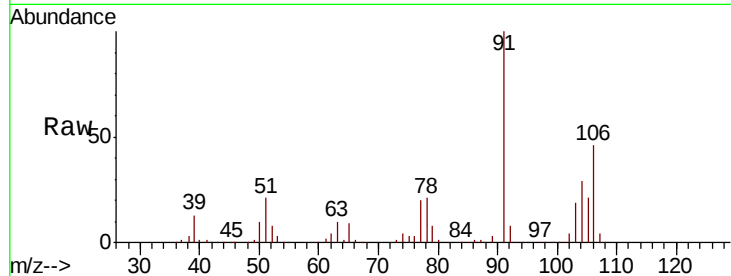




#54  
o-Xylene  
Concen: 5.382 ug/L  
RT: 10.10 min Scan# 2724  
Delta R.T. -0.00 min  
Lab File: VU040899.D  
Acq: 22 Oct 2020 10:22

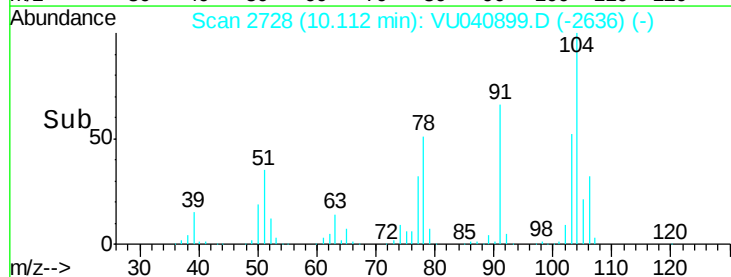
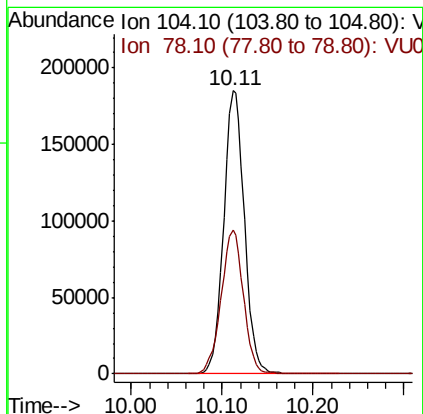
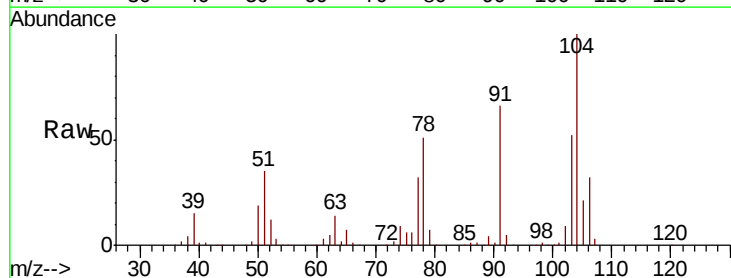
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00524

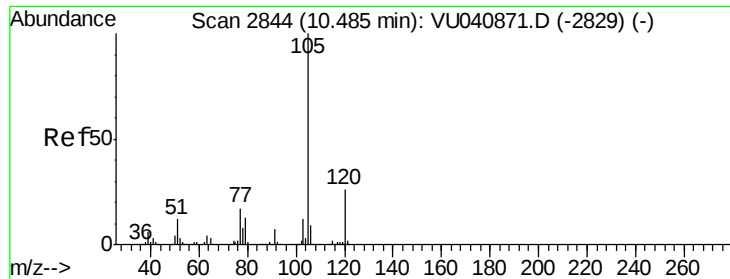
Tot Ion:106 Resp: 164429  
Ion Ratio Lower Upper  
106 100  
91 217.2 153.6 285.2



#55  
Styrene  
Concen: 5.504 ug/L  
RT: 10.11 min Scan# 2728  
Delta R.T. -0.00 min  
Lab File: VU040899.D  
Acq: 22 Oct 2020 10:22

Tgt Ion:104 Resp: 292534  
Ion Ratio Lower Upper  
104 100  
78 50.8 34.6 64.3





#56

Isopropylbenzene

Concen: 5.271 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Instrument :

MSVOA\_U

ClientSampleId :

VSTD00524

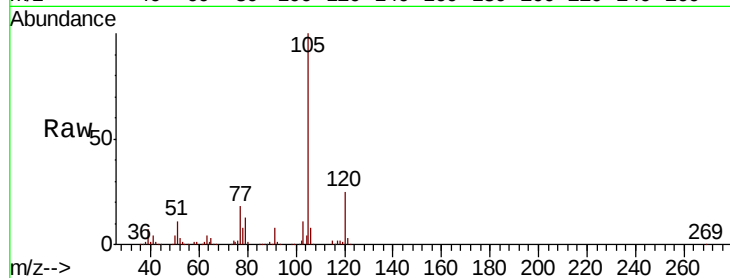
Tot Ion:105 Resp: 430960

Ion Ratio Lower Upper

105 100

120 25.6 20.2 30.4

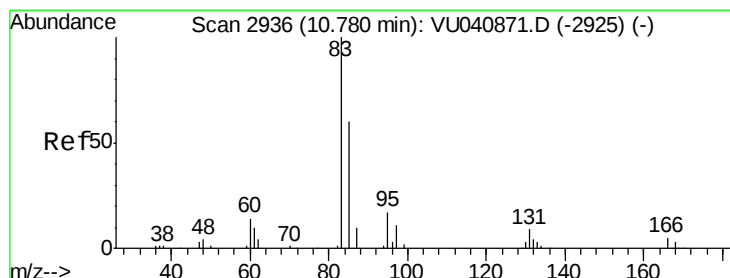
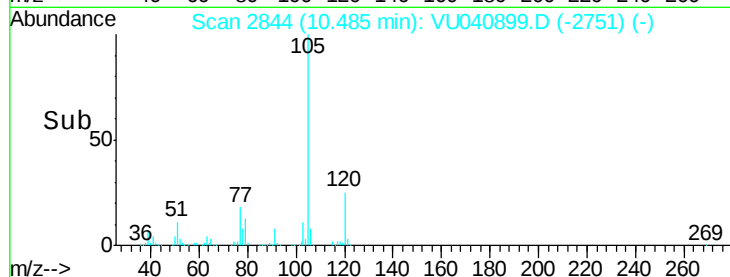
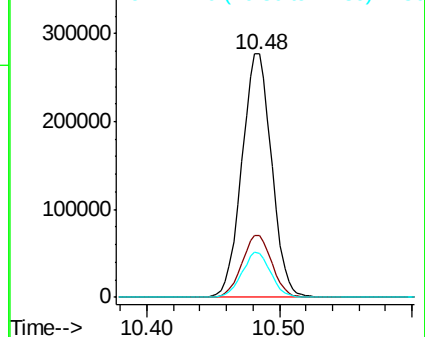
77 17.8 13.6 20.4



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: 5.909 ug/L

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

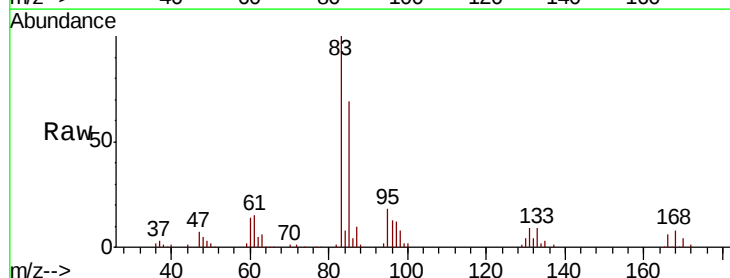
Tgt Ion: 83 Resp: 114358

Ion Ratio Lower Upper

83 100

85 68.7 44.1 81.9

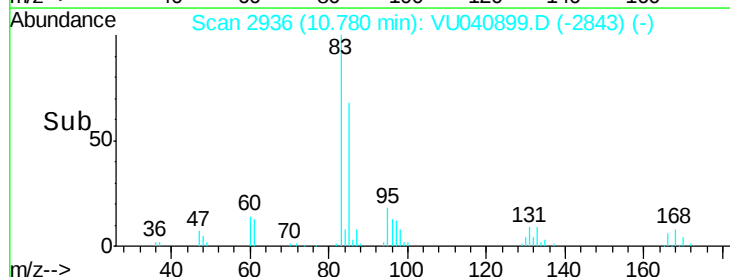
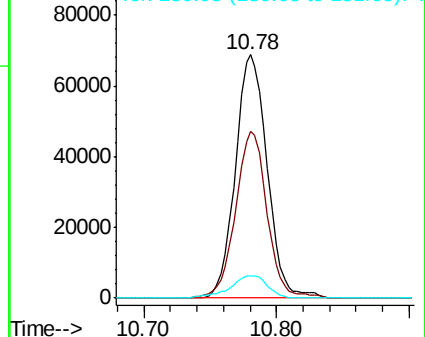
131 9.1 8.1 12.1

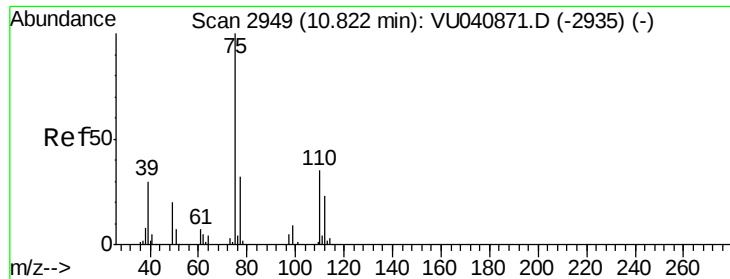


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 6.106 ug/L

RT: 10.82 min Scan# 2948

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Instrument :

MSVOA\_U

ClientSampleId :

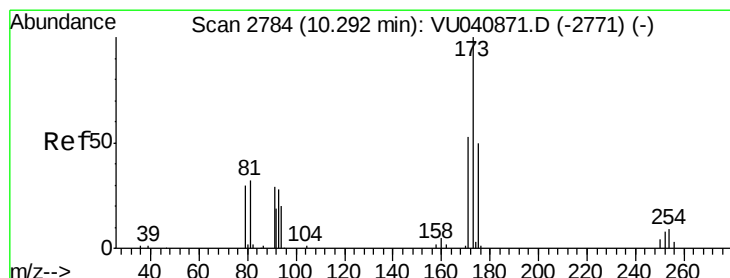
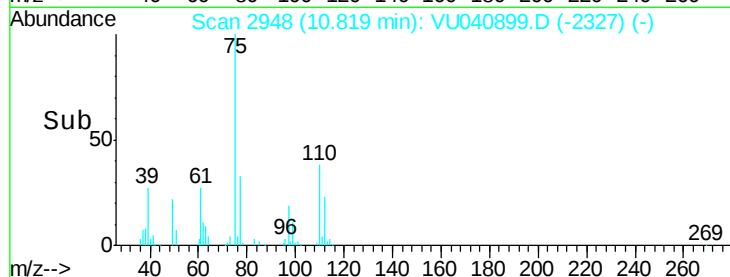
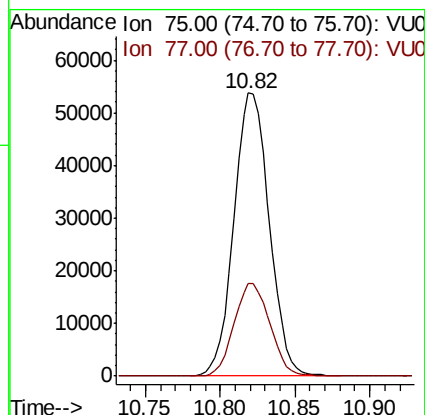
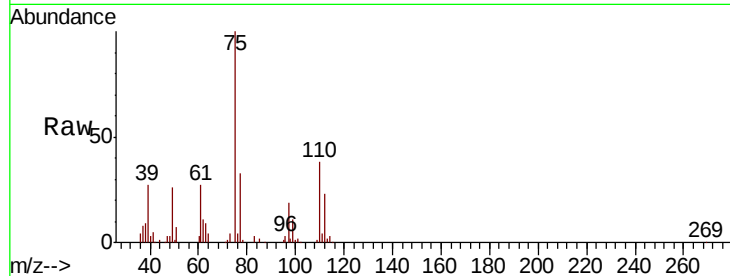
VSTD00524

Tot Ion: 75 Resp: 88487

Ion Ratio Lower Upper

75 100

77 33.2 27.5 41.3



#61

Bromoform

Concen: 5.611 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

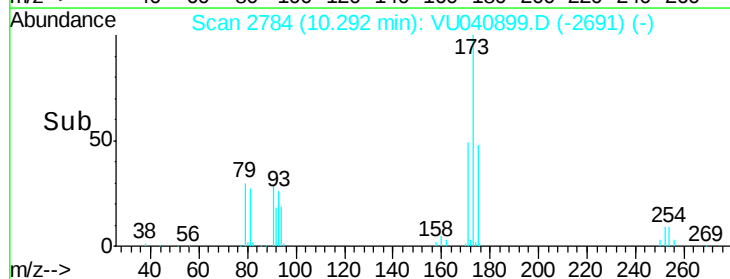
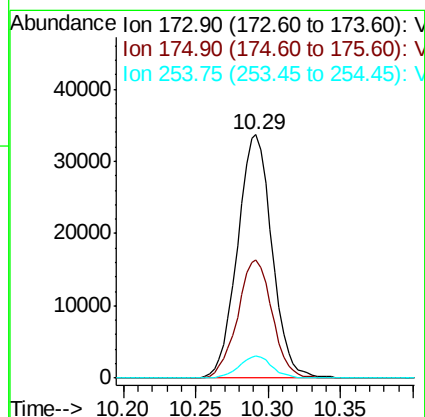
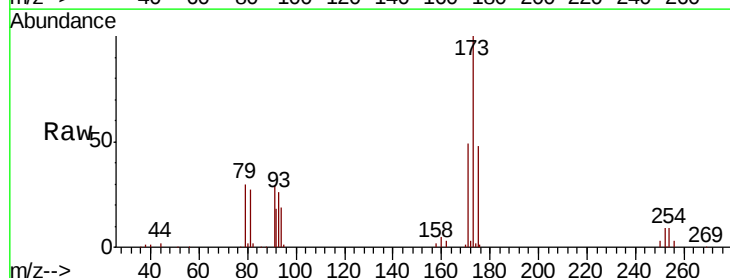
Tgt Ion: 173 Resp: 55678

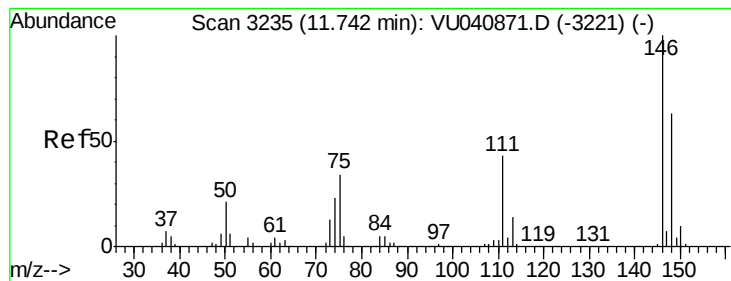
Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.6

254 8.5 6.9 10.3





#62

1,3-Dichlorobenzene

Concen: 5.189 ug/L

RT: 11.74 min Scan# 3235

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Instrument :

MSVOA\_U

ClientSampleId :

VSTD00524

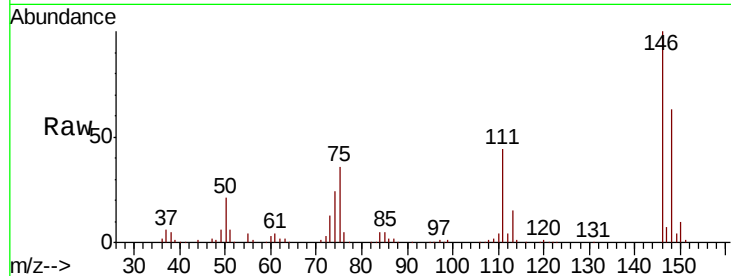
Tot Ion:146 Resp: 222528

Ion Ratio Lower Upper

146 100

111 44.2 30.2 56.2

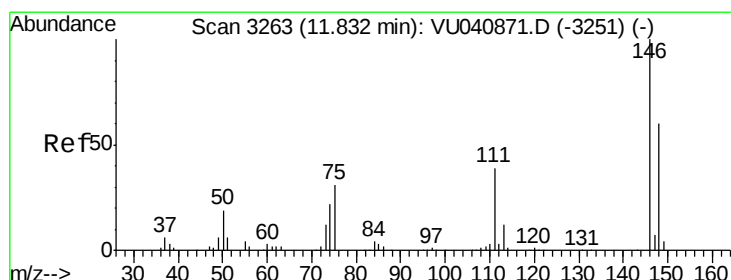
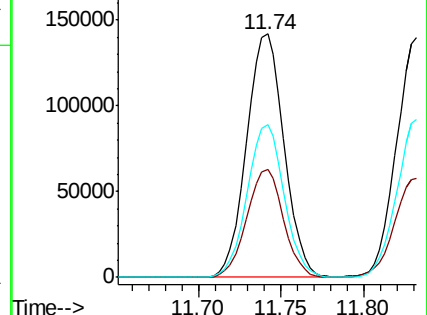
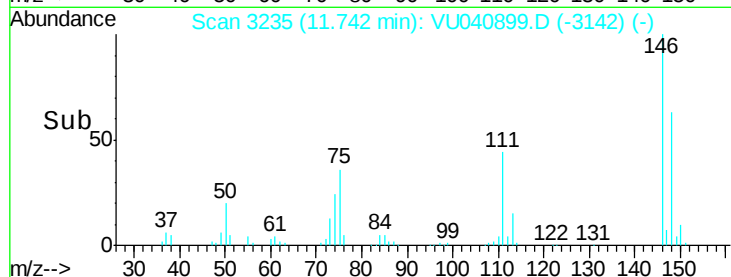
148 62.9 43.7 81.1



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



#63

1,4-Dichlorobenzene

Concen: 5.005 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

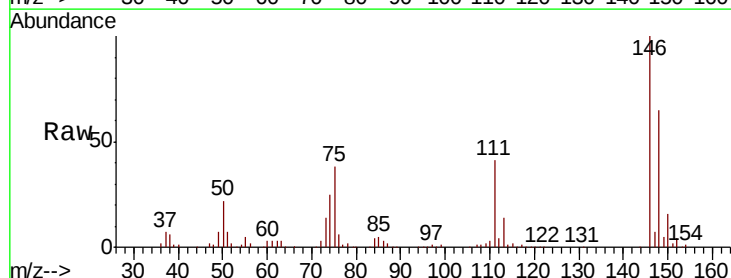
Tgt Ion:146 Resp: 220617

Ion Ratio Lower Upper

146 100

111 41.4 27.6 51.4

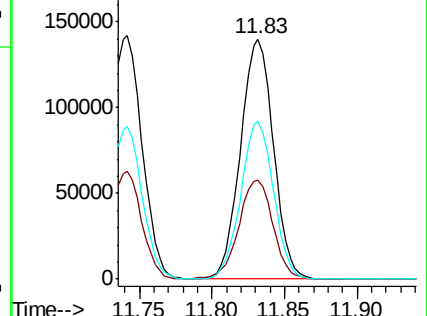
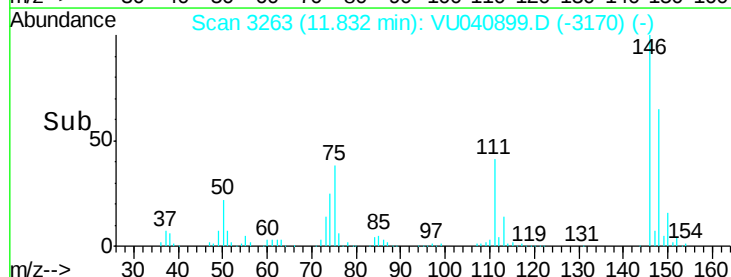
148 65.4 42.4 78.8

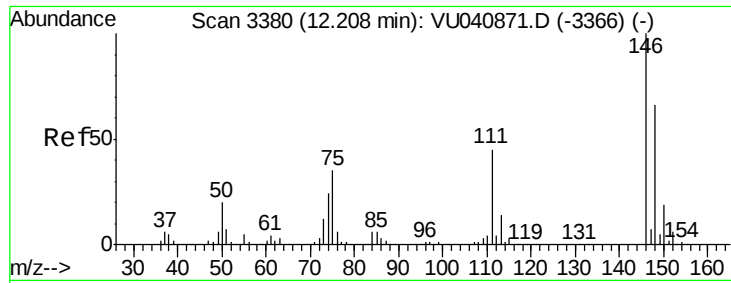


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.262 ug/L

RT: 12.20 min Scan# 3379

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Instrument :

MSVOA\_U

ClientSampleId :

VSTD00524

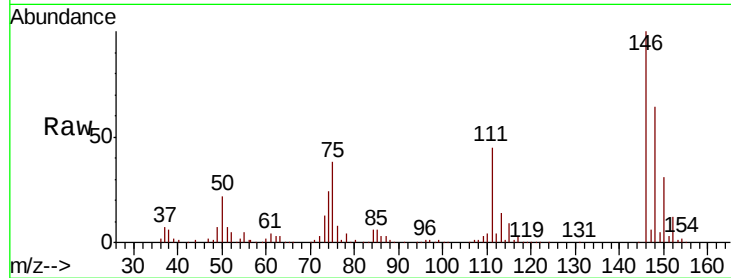
Tot Ion:146 Resp: 211803

Ion Ratio Lower Upper

146 100

111 45.0 35.4 53.2

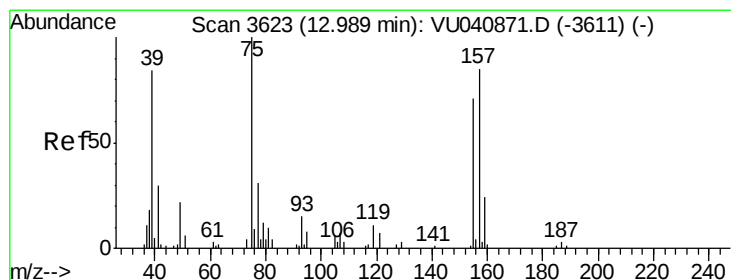
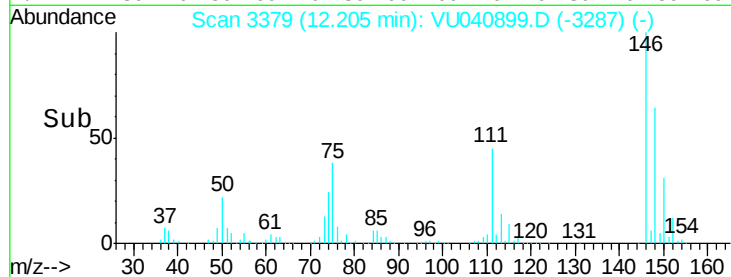
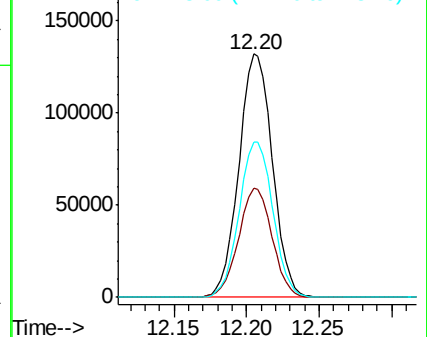
148 63.8 50.7 76.1



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: 5.543 ug/L

RT: 12.99 min Scan# 3622

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

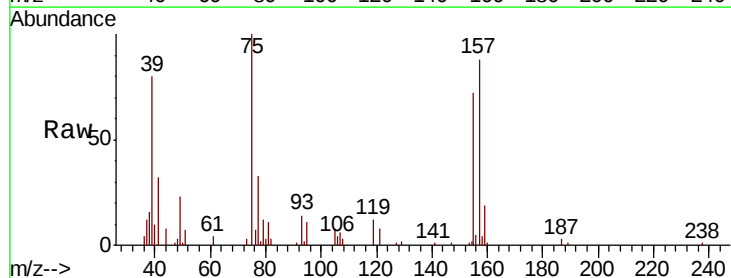
Tgt Ion: 75 Resp: 20760

Ion Ratio Lower Upper

75 100

155 72.1 51.7 77.5

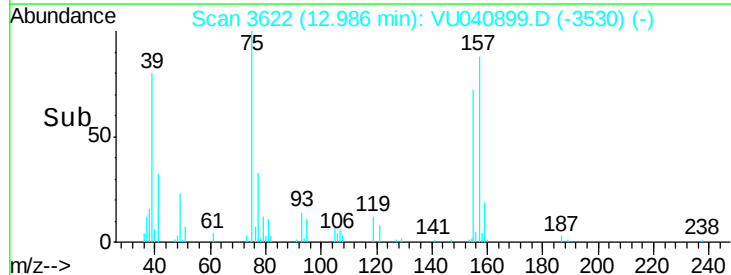
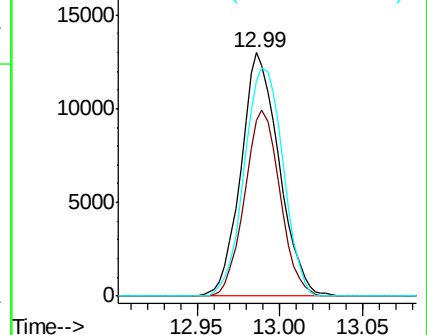
157 88.5 66.9 100.3

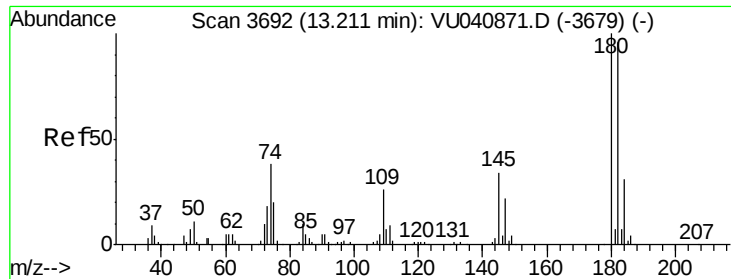


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

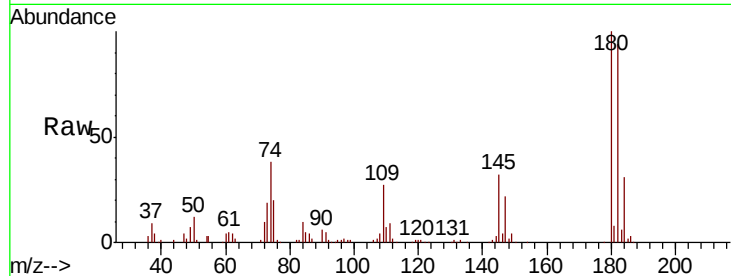




#67  
 1,3,5-Trichlorobenzene  
 Concen: 4.734 ug/L  
 RT: 13.21 min Scan# 3692  
 Delta R.T. -0.00 min  
 Lab File: VU040899.D  
 Acq: 22 Oct 2020 10:22

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00524

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.9  | 77.6  | 116.4 |
| 184     | 30.9  | 24.7  | 37.1  |
| 145     | 32.9  | 25.9  | 38.9  |

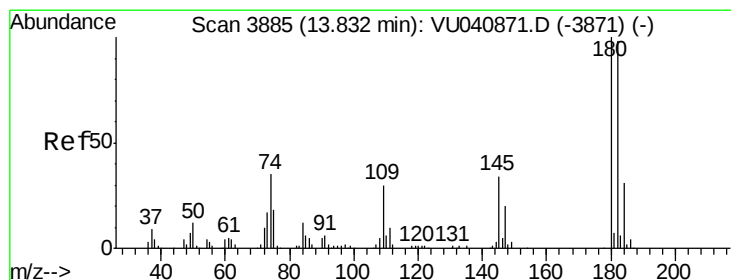
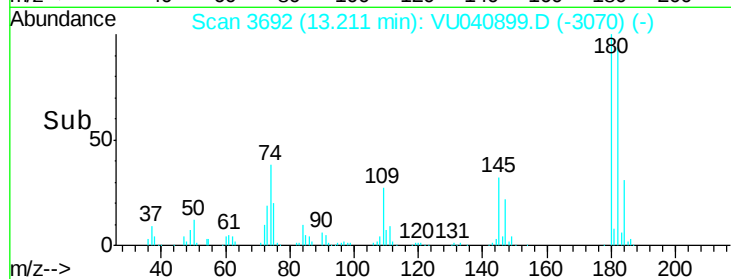
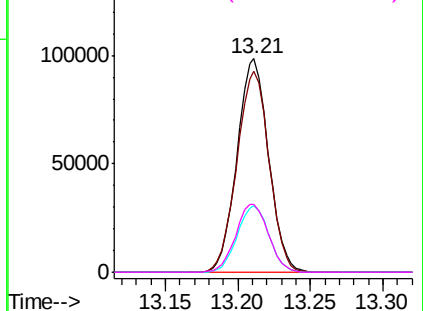


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

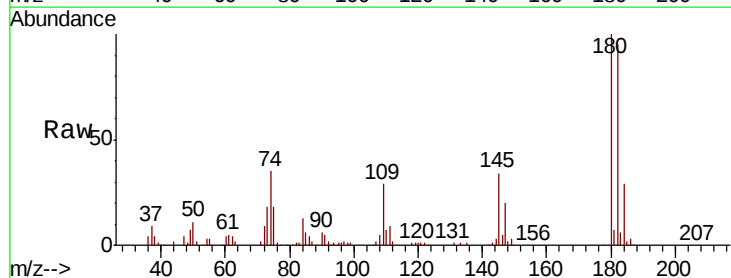
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68  
 1,2,4-trichlorobenzene  
 Concen: 4.701 ug/L  
 RT: 13.83 min Scan# 3885  
 Delta R.T. -0.00 min  
 Lab File: VU040899.D  
 Acq: 22 Oct 2020 10:22

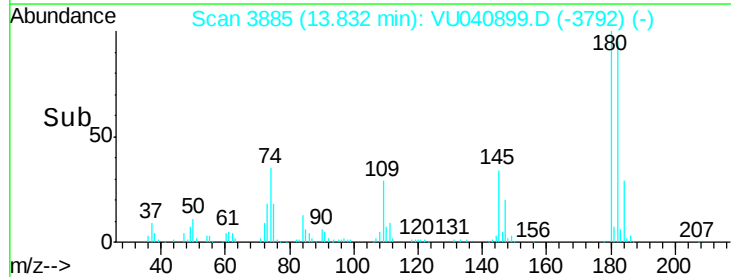
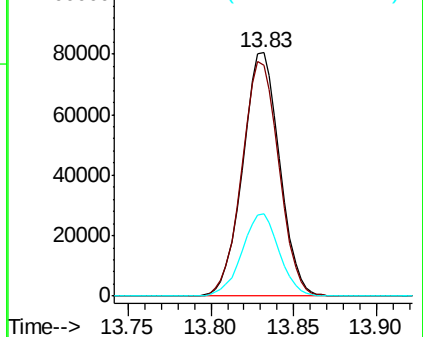
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.5  | 76.4  | 114.6 |
| 145     | 33.9  | 26.2  | 39.2  |

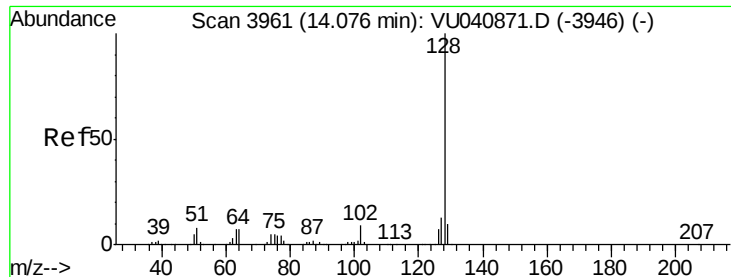


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 4.621 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

Instrument :

MSVOA\_U

ClientSampleId :

VSTD00524

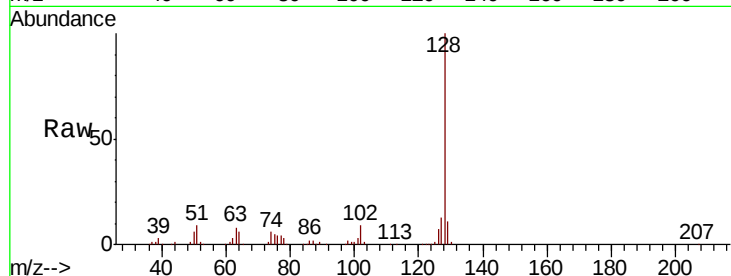
Tot Ion:128 Resp: 225677

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

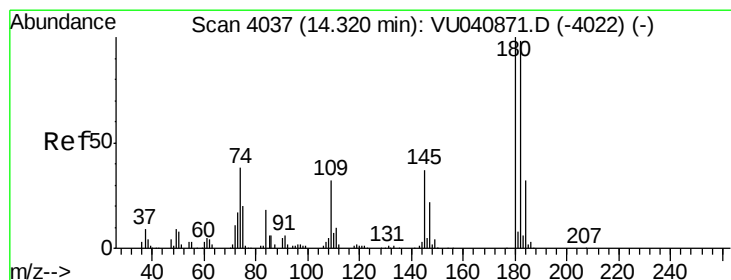
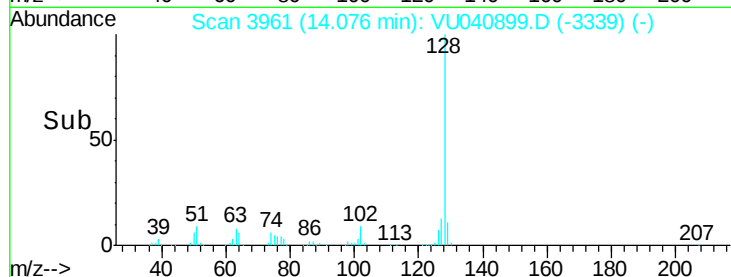
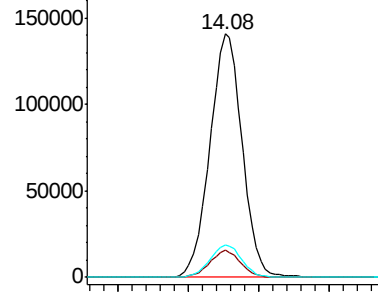
127 13.1 10.3 15.5



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: 4.771 ug/L

RT: 14.32 min Scan# 4037

Delta R.T. -0.00 min

Lab File: VU040899.D

Acq: 22 Oct 2020 10:22

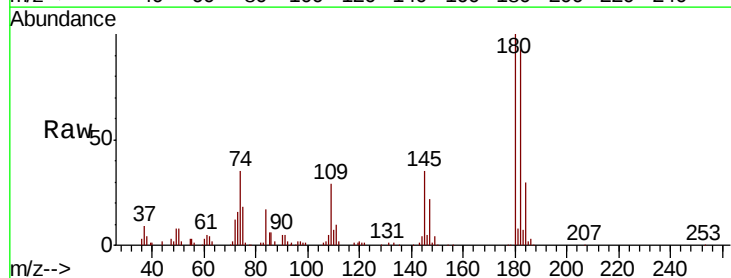
Tgt Ion:180 Resp: 122773

Ion Ratio Lower Upper

180 100

182 95.0 75.8 113.6

145 34.7 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

