

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100720\  
 Data File : VU040549.D  
 Acq On : 07 Oct 2020 17:03  
 Operator : SY/MD  
 Sample : MDL06  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleID :  
 MDL-WATER-06

Quant Time: Oct 08 01:21:21 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SFAMUL100620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 08 01:13:08 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 257320   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 259609   | 50.00 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 123027   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60    | 65    | 100757   | 45.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 91.18%  |
| 7) Chloroethane-d5             | 1.92    | 69    | 82529    | 49.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 98.04%  |
| 11) 1,1-Dichloroethene-d2      | 2.58    | 63    | 152251   | 36.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.22%  |
| 21) 2-Butanone-d5              | 4.64    | 46    | 204685   | 116.71   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 116.71% |
| 24) Chloroform-d               | 5.08    | 84    | 183367   | 48.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72    | 65    | 129110   | 48.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.26%  |
| 32) Benzene-d6                 | 5.74    | 84    | 350589   | 47.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.90%  |
| 36) 1,2-Dichloropropane-d6     | 6.70    | 67    | 117603   | 47.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 94.98%  |
| 41) Toluene-d8                 | 7.91    | 98    | 303544   | 45.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.64%  |
| 43) trans-1,3-Dichloropropene- | 8.19    | 79    | 56884    | 45.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 91.78%  |
| 47) 2-Hexanone-d5              | 8.64    | 63    | 133709   | 115.82   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 115.82% |
| 56) 1,1,2,2-Tetrachloroethane- | 10.75   | 84    | 174583   | 48.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 97.62%  |
| 66) 1,2-Dichlorobenzene-d4     | 12.19   | 152   | 123634   | 49.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.76%  |

## Target Compounds

| Target Compounds               | R.T. | QIon | Response | Conc  | Units  | Ovalue |
|--------------------------------|------|------|----------|-------|--------|--------|
| 2) Dichlorodifluoromethane     | 1.39 | 85   | 6178     | 2.493 | ug/L   | 97     |
| 3) Chloromethane               | 1.53 | 50   | 6827     | 2.622 | ug/L   | 96     |
| 5) Vinyl chloride              | 1.61 | 62   | 6905     | 2.678 | ug/L # | 60     |
| 6) Bromomethane                | 1.86 | 94   | 3223     | 2.382 | ug/L   | 89     |
| 8) Chloroethane                | 1.94 | 64   | 4028     | 2.590 | ug/L   | 99     |
| 9) Trichlorofluoromethane      | 2.15 | 101  | 8690     | 2.628 | ug/L   | 99     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.59 | 101  | 6413     | 3.253 | ug/L   | 87     |
| 12) 1,1-Dichloroethene         | 2.59 | 96   | 5992     | 3.288 | ug/L # | 1      |
| 13) Acetone                    | 2.64 | 43   | 9132     | 5.422 | ug/L   | 97     |
| 14) Carbon disulfide           | 2.81 | 76   | 15380    | 2.458 | ug/L   | 98     |
| 15) Methyl Acetate             | 2.96 | 43   | 7354     | 2.677 | ug/L   | 99     |
| 16) Methylene chloride         | 3.06 | 84   | 6149     | 2.845 | ug/L   | 84     |
| 17) trans-1,2-Dichloroethene   | 3.37 | 96   | 4866     | 2.507 | ug/L   | 87     |
| 18) Methyl tert-butyl Ether    | 3.38 | 73   | 13605    | 2.228 | ug/L # | 89     |
| 19) 1,1-Dichloroethane         | 3.89 | 63   | 10149    | 2.621 | ug/L   | 97     |
| 20) cis-1,2-Dichloroethene     | 4.68 | 96   | 5125     | 2.450 | ug/L   | 89     |
| 22) 2-Butanone                 | 4.72 | 43   | 11412    | 5.312 | ug/L   | 97     |

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 Sample : MDL06  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL-WATER-06

Quant Time: Oct 08 01:21:21 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SFAMUL100620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 08 01:13:08 2020  
 Response via : Initial Calibration

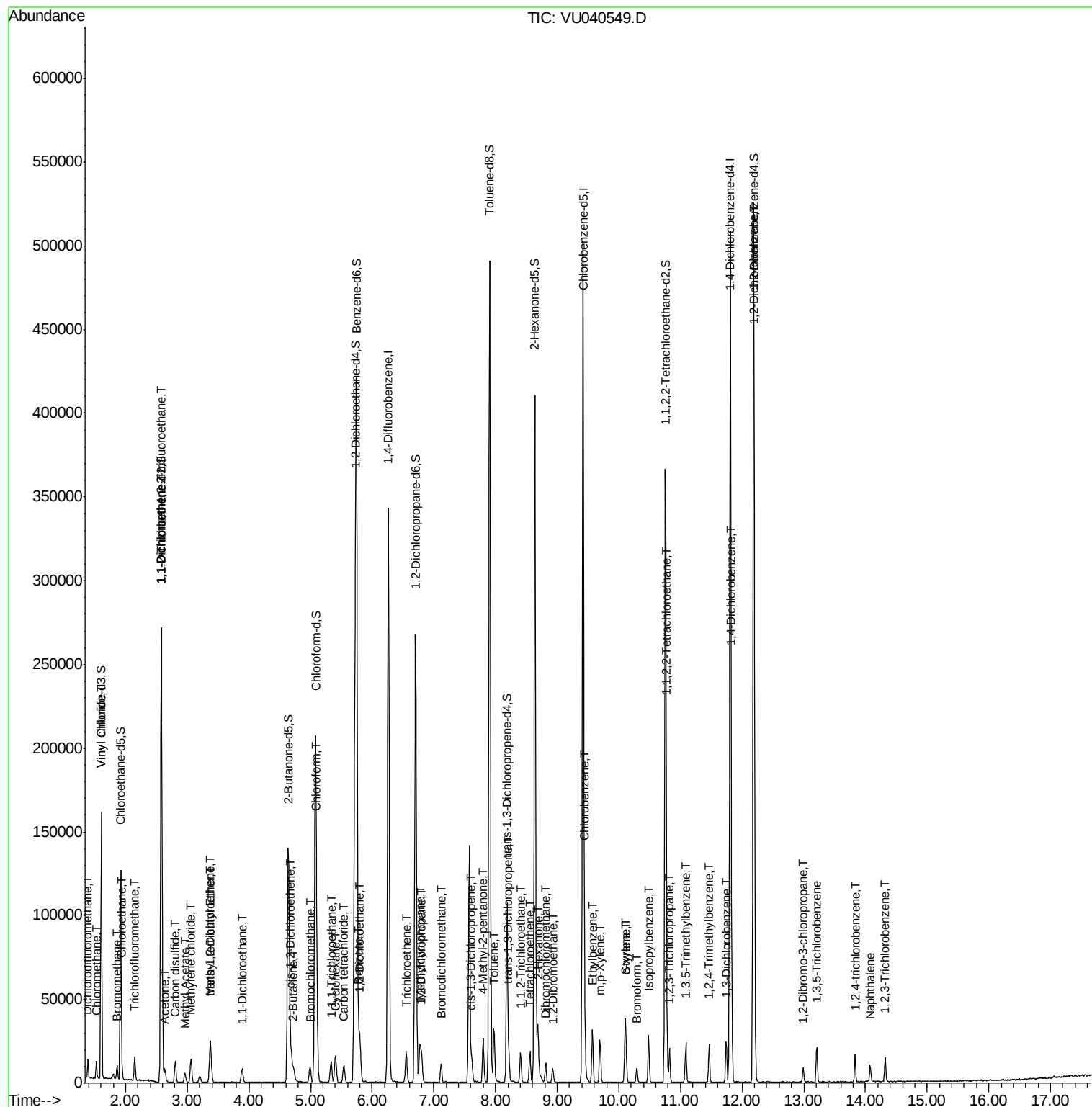
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 23) Bromochloromethane         | 4.99  | 128  | 2709     | 2.485 | ug/L # | 80       |
| 25) Chloroform                 | 5.11  | 83   | 11909    | 3.017 | ug/L   | 99       |
| 27) 1,2-Dichloroethane         | 5.81  | 62   | 8855     | 2.718 | ug/L   | 99       |
| 29) Cyclohexane                | 5.40  | 56   | 7274     | 2.093 | ug/L # | 89       |
| 30) 1,1,1-Trichloroethane      | 5.33  | 97   | 8779     | 2.633 | ug/L   | 94       |
| 31) Carbon tetrachloride       | 5.53  | 117  | 3048     | 1.057 | ug/L # | 1        |
| 33) Benzene                    | 5.79  | 78   | 21078    | 2.512 | ug/L   | 100      |
| 34) Trichloroethene            | 6.55  | 95   | 5394     | 2.495 | ug/L   | 97       |
| 35) Methylcyclohexane          | 6.77  | 83   | 6992     | 2.128 | ug/L   | 97       |
| 37) 1,2-Dichloropropane        | 6.80  | 63   | 5816     | 2.524 | ug/L   | 99       |
| 38) Bromodichloromethane       | 7.12  | 83   | 7597     | 2.538 | ug/L # | 92       |
| 39) cis-1,3-Dichloropropene    | 7.61  | 75   | 7732     | 2.290 | ug/L   | 92       |
| 40) 4-Methyl-2-pentanone       | 7.80  | 43   | 17196    | 4.729 | ug/L   | 96       |
| 42) Toluene                    | 7.98  | 91   | 20778    | 2.425 | ug/L   | 96       |
| 44) trans-1,3-Dichloropropene  | 8.21  | 75   | 8052     | 2.368 | ug/L   | 97       |
| 45) 1,1,2-Trichloroethane      | 8.40  | 97   | 5262     | 2.549 | ug/L   | 87       |
| 46) Tetrachloroethene          | 8.56  | 164  | 3735     | 2.391 | ug/L   | 87       |
| 48) 2-Hexanone                 | 8.69  | 43   | 18932    | 6.406 | ug/L   | 98       |
| 49) Dibromochloromethane       | 8.81  | 129  | 5717     | 2.536 | ug/L   | 86       |
| 50) 1,2-Dibromoethane          | 8.93  | 107  | 5223     | 2.387 | ug/L   | 97       |
| 51) Chlorobenzene              | 9.45  | 112  | 13640    | 2.427 | ug/L   | 94       |
| 52) Ethylbenzene               | 9.57  | 91   | 20859    | 2.194 | ug/L   | 89       |
| 53) m,p-Xylene                 | 9.69  | 106  | 7004     | 2.000 | ug/L   | 97       |
| 54) o-xylene                   | 10.10 | 106  | 6272     | 1.883 | ug/L   | 99       |
| 55) Styrene                    | 10.11 | 104  | 10632    | 1.812 | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane  | 10.78 | 83   | 9759     | 2.673 | ug/L # | 98       |
| 59) Bromoform                  | 10.29 | 173  | 3683     | 2.442 | ug/L # | 98       |
| 60) 1,2,3-Trichloropropane     | 10.82 | 75   | 7934     | 2.839 | ug/L   | 96       |
| 61) Isopropylbenzene           | 10.48 | 105  | 15800    | 1.912 | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene     | 11.09 | 105  | 12524    | 1.845 | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene     | 11.47 | 105  | 11577    | 1.682 | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene        | 11.74 | 146  | 9667     | 2.400 | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene        | 11.83 | 146  | 10171    | 2.404 | ug/L   | 93       |
| 67) 1,2-Dichlorobenzene        | 12.20 | 146  | 10805    | 2.677 | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropropan | 12.99 | 75   | 2194     | 2.794 | ug/L   | 88       |
| 69) 1,3,5-Trichlorobenzene     | 13.21 | 180  | 6139     | 2.326 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene     | 13.83 | 180  | 4471     | 1.954 | ug/L   | 95       |
| 71) Naphthalene                | 14.08 | 128  | 8838     | 1.250 | ug/L # | 96       |
| 72) 1,2,3-Trichlorobenzene     | 14.32 | 180  | 4135     | 1.821 | ug/L   | 99       |
| -----                          |       |      |          |       |        |          |

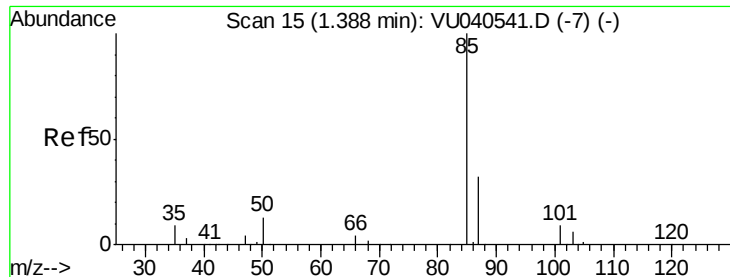
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100720\  
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ALS Vial : 11 Sample Multiplier: 1

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Quant Time: Oct 08 01:21:21 2020  
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Quant Title : VOC Analysis  
QLast Update : Thu Oct 08 01:13:08 2020  
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 2.493 ug/L

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

Instrument :

MSVOA\_U

ClientSampleId :

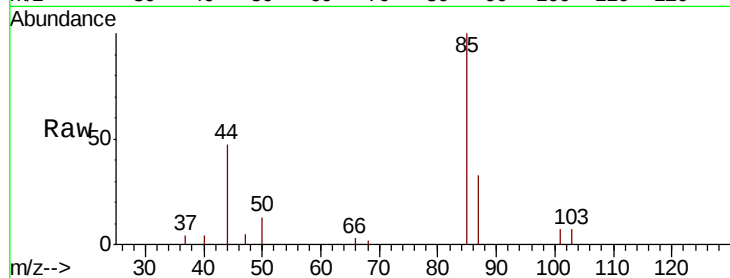
MDL-WATER-06

Tot Ion: 85 Resp: 6178

Ion Ratio Lower Upper

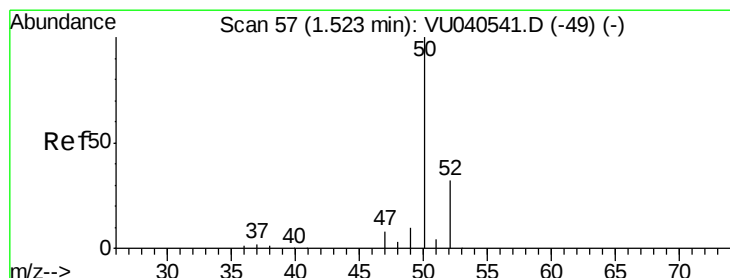
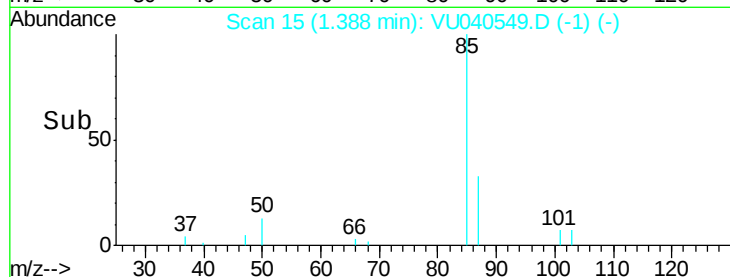
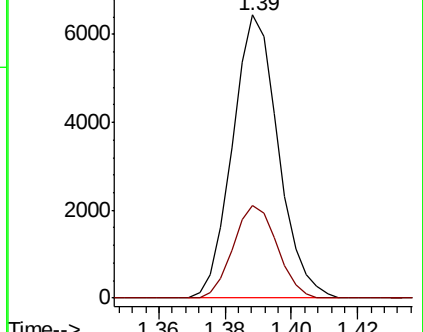
85 100

87 31.5 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VU040549.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VU040549.D (-7) (-)



#3

Chloromethane

Concen: 2.622 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040549.D

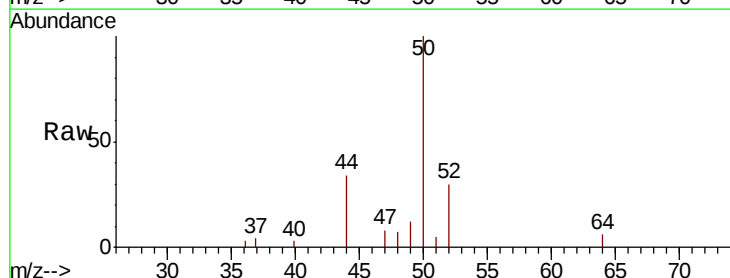
Acq: 07 Oct 2020 17:03

Tgt Ion: 50 Resp: 6827

Ion Ratio Lower Upper

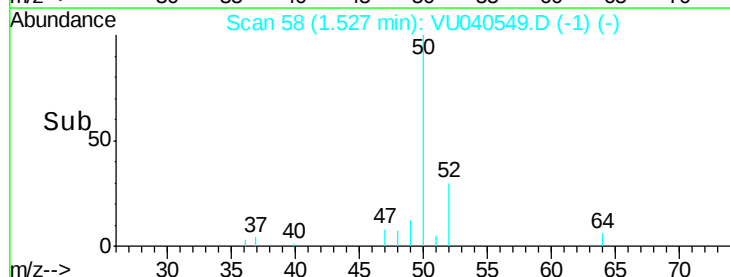
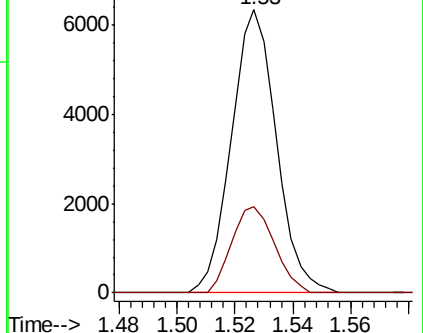
50 100

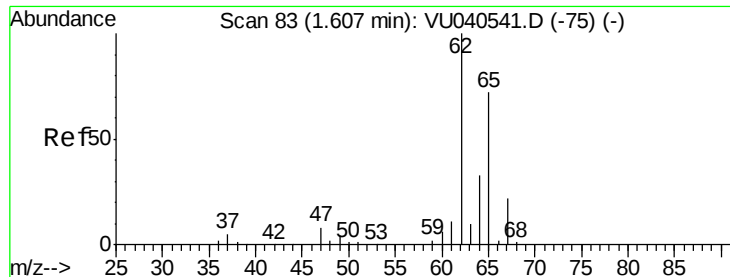
52 30.4 22.9 42.5



Abundance Ion 50.00 (49.70 to 50.70): VU040549.D (-49) (-)

Ion 52.00 (51.70 to 52.70): VU040549.D (-49) (-)





#5

Vinyl chloride

Concen: 2.678 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

Instrument :

MSVOA\_U

ClientSampleId :

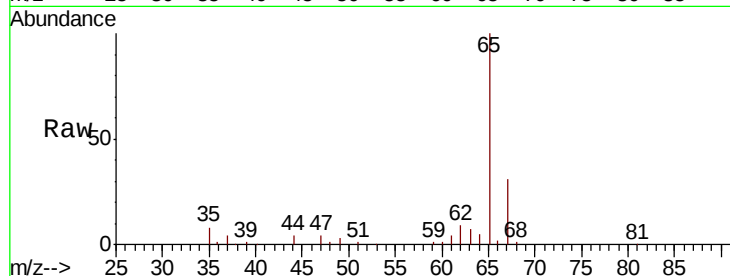
MDL-WATER-06

Tot Ion: 62 Resp: 6905

Ion Ratio Lower Upper

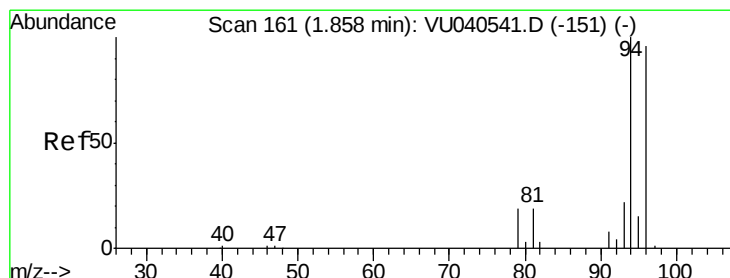
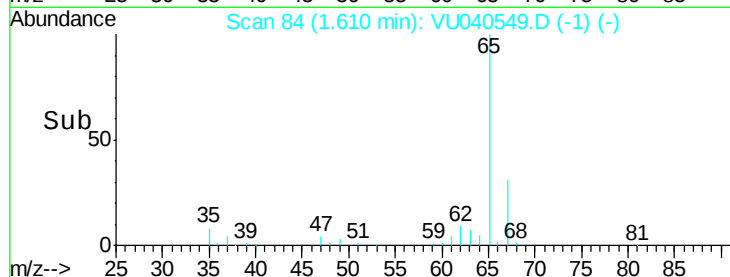
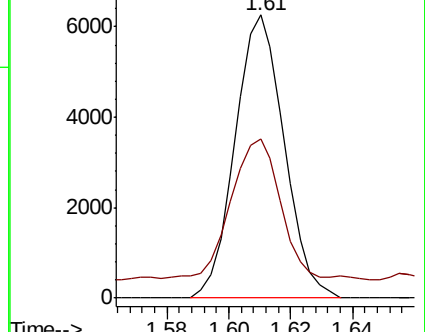
62 100

64 56.0 23.4 43.6#



Abundance Ion 62.00 (61.70 to 62.70): VU040549.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU040549.D (-1) (-)



#6

Bromomethane

Concen: 2.382 ug/L

RT: 1.86 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU040549.D

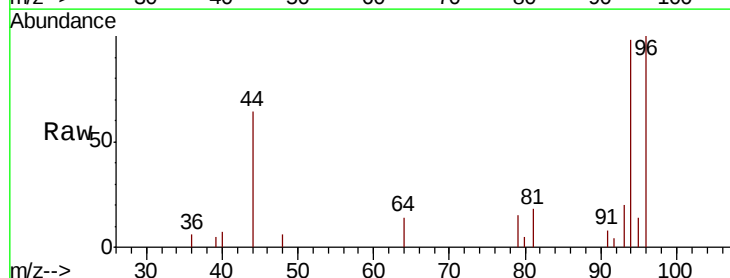
Acq: 07 Oct 2020 17:03

Tgt Ion: 94 Resp: 3223

Ion Ratio Lower Upper

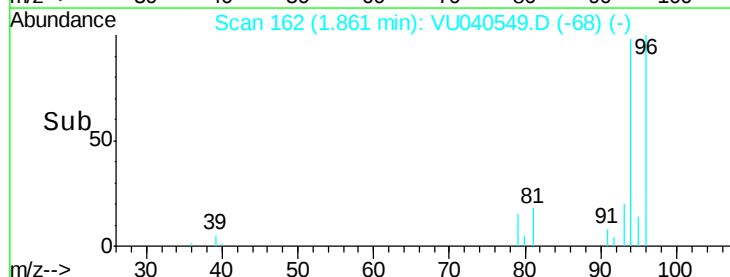
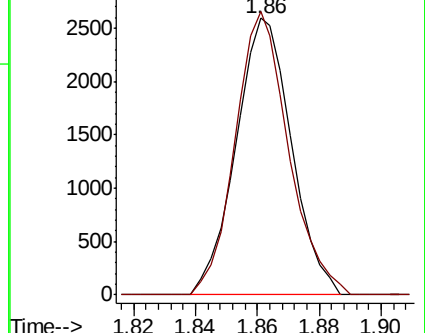
94 100

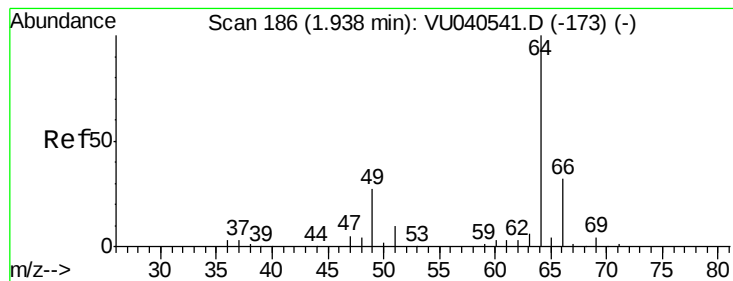
96 102.3 64.4 119.6



Abundance Ion 94.00 (93.70 to 94.70): VU040549.D (-68) (-)

Ion 96.00 (95.70 to 96.70): VU040549.D (-68) (-)





#8

Chloroethane

Concen: 2.590 ug/L

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

Instrument :

MSVOA\_U

ClientSampleId :

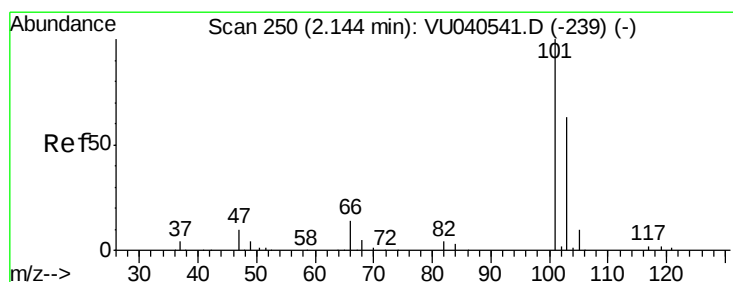
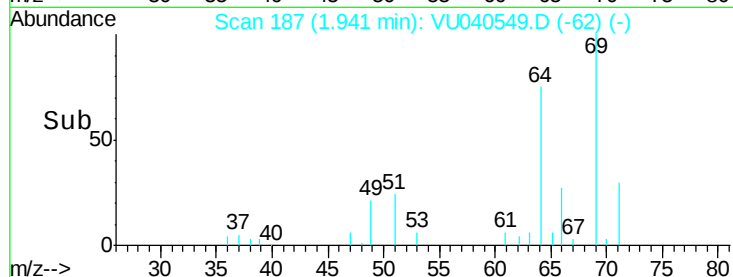
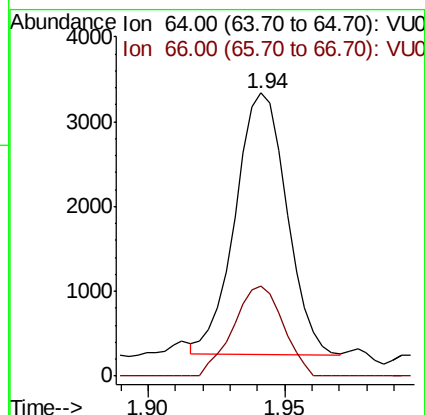
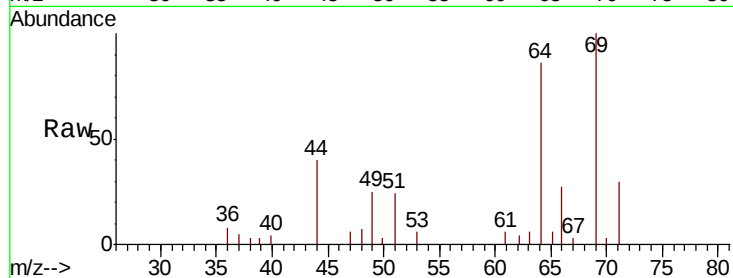
MDL-WATER-06

Tot Ion: 64 Resp: 4028

Ion Ratio Lower Upper

64 100

66 31.8 22.5 41.9



#9

Trichlorofluoromethane

Concen: 2.628 ug/L

RT: 2.15 min Scan# 251

Delta R.T. 0.00 min

Lab File: VU040549.D

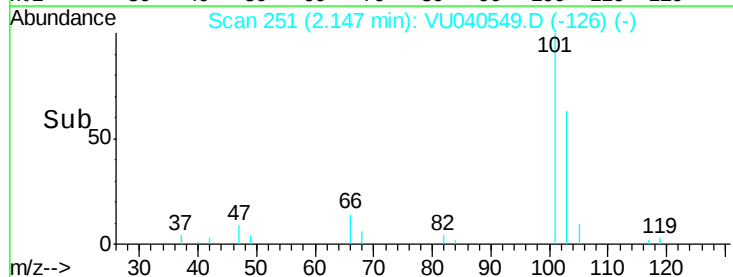
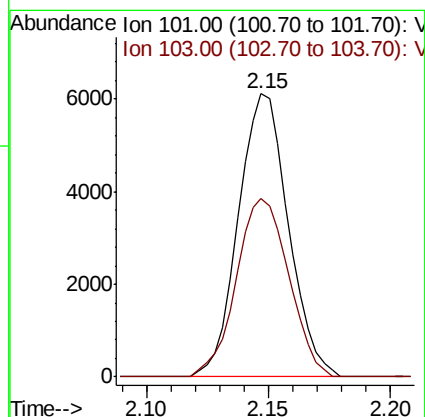
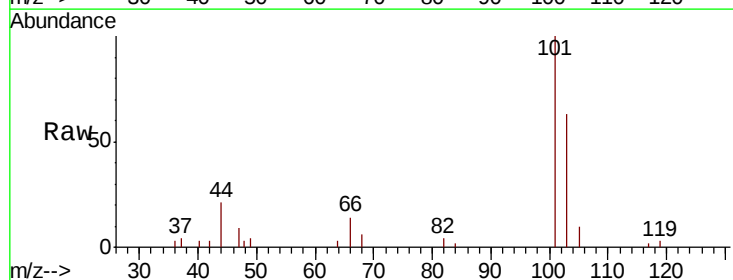
Acq: 07 Oct 2020 17:03

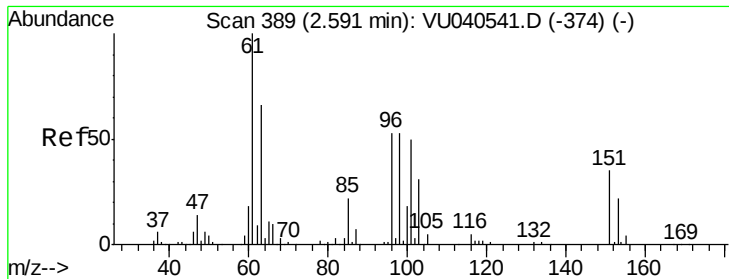
Tgt Ion: 101 Resp: 8690

Ion Ratio Lower Upper

101 100

103 66.1 52.1 78.1





#10

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

Concen: 3.253 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

Instrument :

MSVOA\_U

ClientSampleId :

MDL-WATER-06

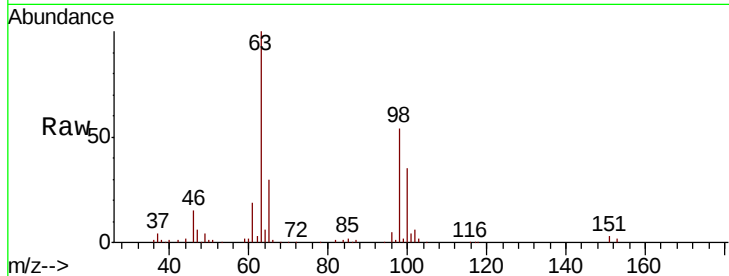
Tot Ion:101 Resp: 6413

Ion Ratio Lower Upper

101 100

85 37.2 35.4 53.2

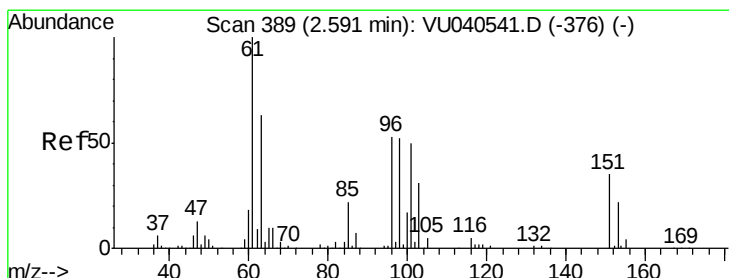
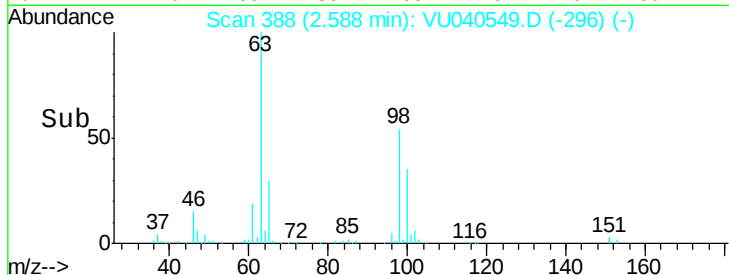
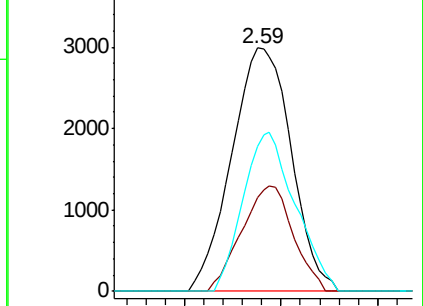
151 57.1 54.8 82.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 3.288 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

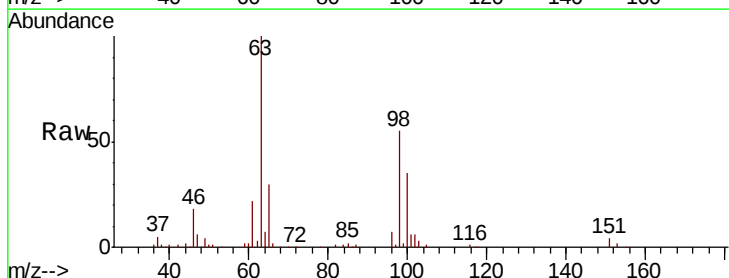
Tgt Ion: 96 Resp: 5992

Ion Ratio Lower Upper

96 100

61 302.9 135.0 250.8#

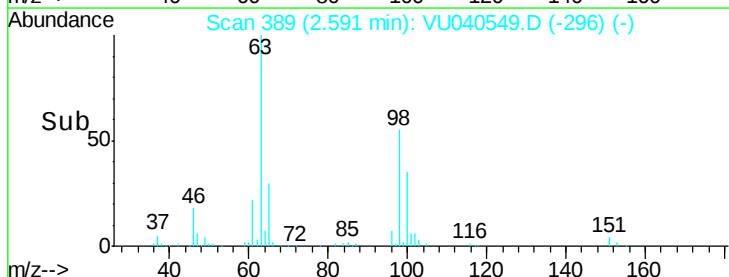
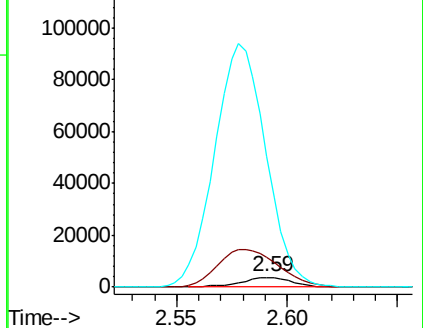
63 1352.8 101.4 188.2#

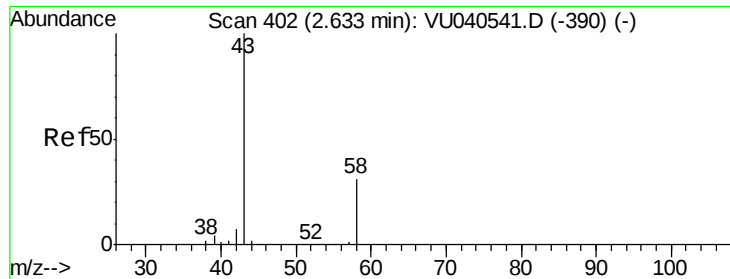


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 5.422 ug/L

RT: 2.64 min Scan# 404

Delta R.T. 0.01 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

Instrument :

MSVOA\_U

ClientSampleId :

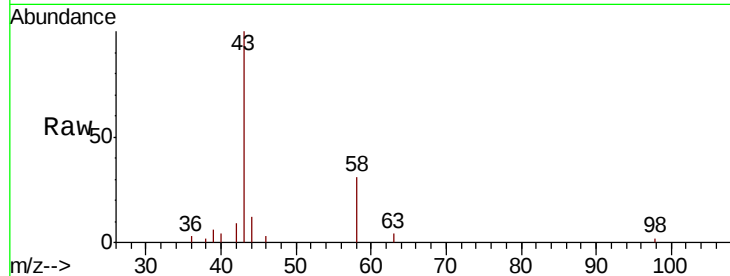
MDL-WATER-06

Tot Ion: 43 Resp: 9132

Ion Ratio Lower Upper

43 100

58 28.7 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VU040549.D (-390) (-)

Ion 58.00 (57.70 to 58.70): VU040549.D (-390) (-)

2.64

5000

4000

3000

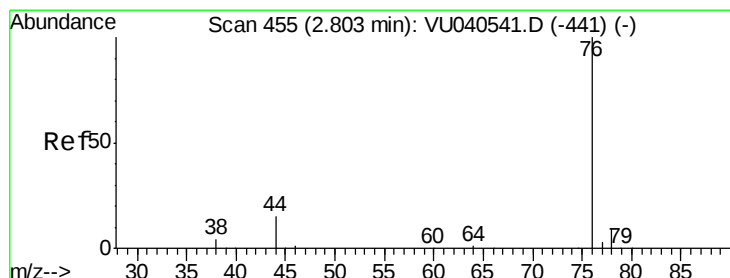
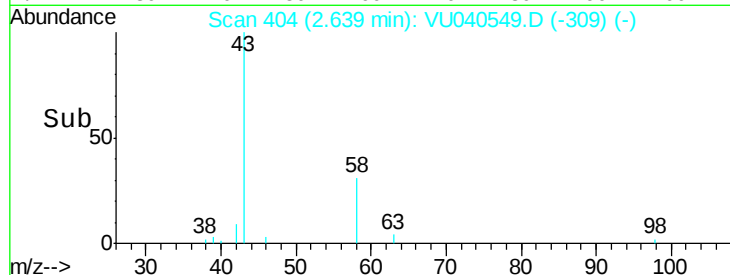
2000

1000

0

Time-->

2.55 2.60 2.65 2.70



#14

Carbon disulfide

Concen: 2.458 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040549.D

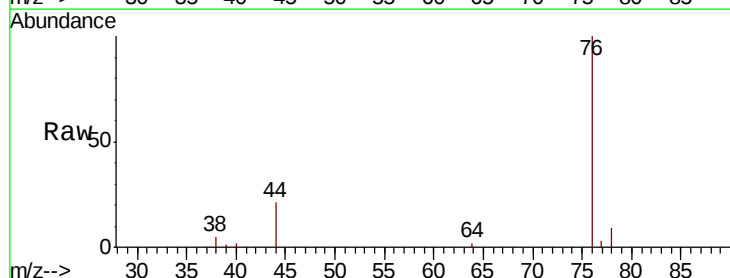
Acq: 07 Oct 2020 17:03

Tgt Ion: 76 Resp: 15380

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU040549.D (-362) (-)

Ion 78.00 (77.70 to 78.70): VU040549.D (-362) (-)

2.81

10000

8000

6000

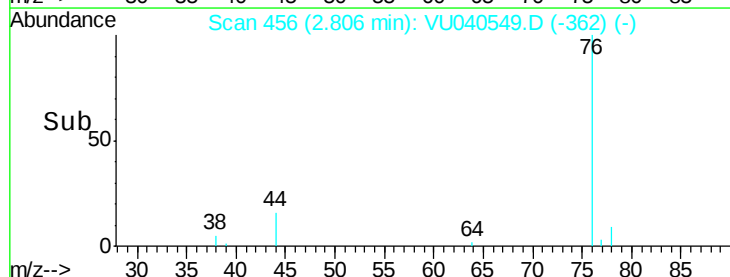
4000

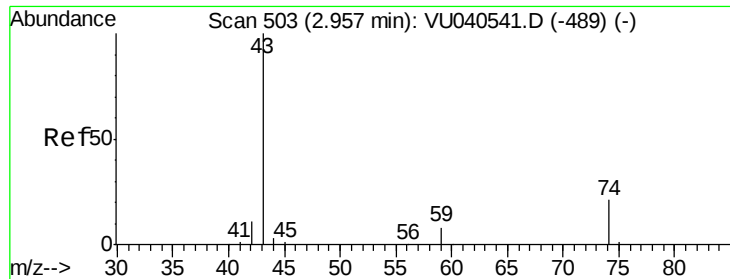
2000

0

Time-->

2.75 2.80 2.85

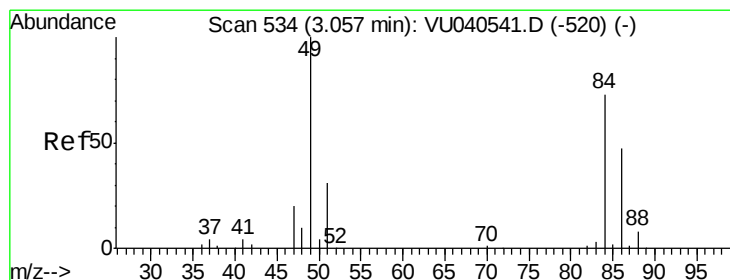
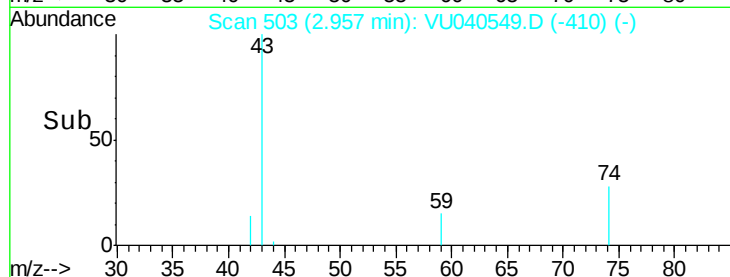
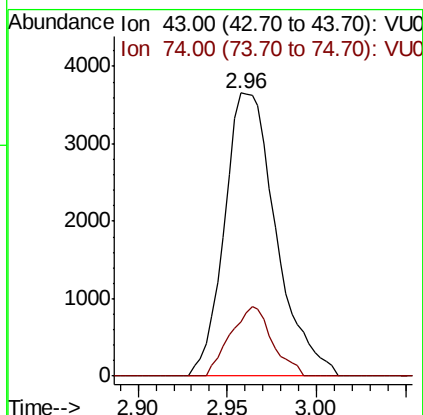
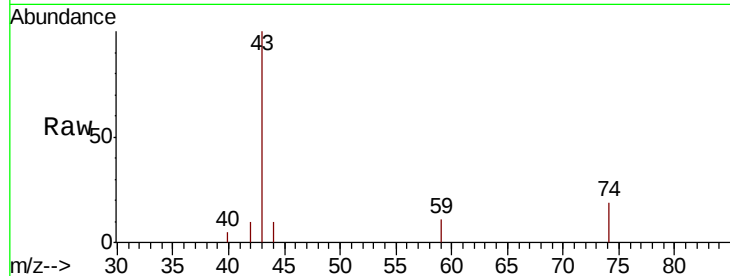




#15  
Methvl Acetate  
Concen: 2.677 ug/L  
RT: 2.96 min Scan# 503  
Delta R.T. -0.00 min  
Lab File: VU040549.D  
Acq: 07 Oct 2020 17:03

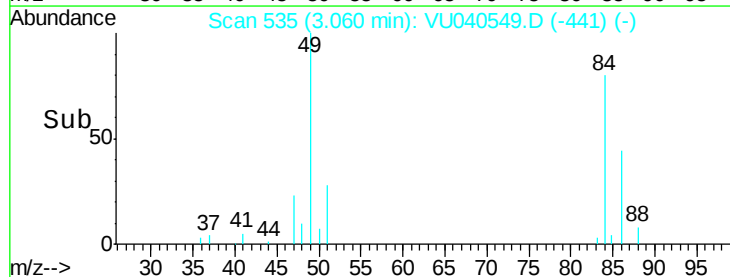
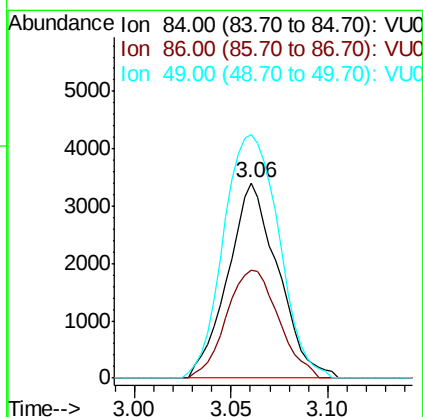
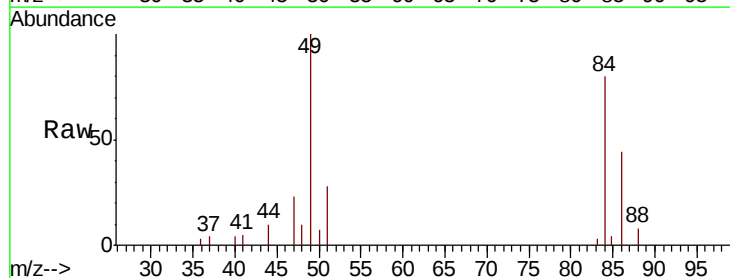
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-06

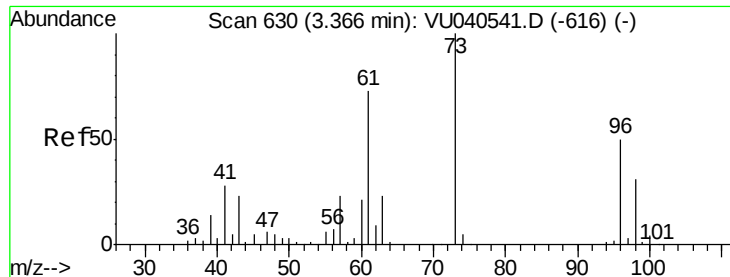
Tot Ion: 43 Resp: 7354  
Ion Ratio Lower Upper  
43 100  
74 19.9 16.4 24.6



#16  
Methylene chloride  
Concen: 2.845 ug/L  
RT: 3.06 min Scan# 535  
Delta R.T. 0.00 min  
Lab File: VU040549.D  
Acq: 07 Oct 2020 17:03

Tgt Ion: 84 Resp: 6149  
Ion Ratio Lower Upper  
84 100  
86 55.2 45.4 84.4  
49 124.5 102.9 191.1





#17

trans-1,2-Dichloroethene

Concen: 2.507 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.01 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

Instrument :

MSVOA\_U

ClientSampleId :

MDL-WATER-06

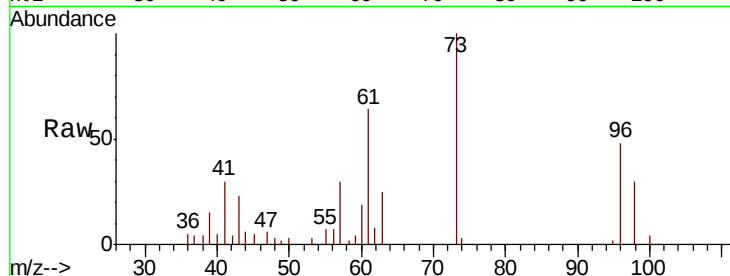
Tot Ion: 96 Resp: 4866

Ion Ratio Lower Upper

96 100

61 133.2 109.6 203.6

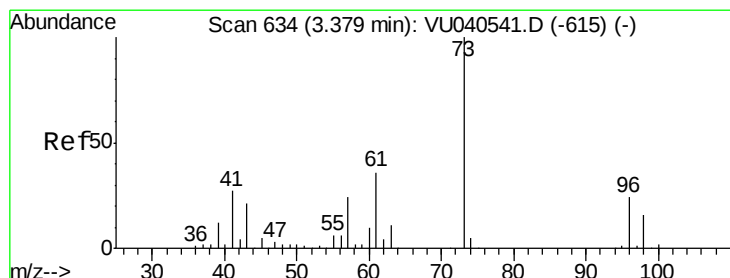
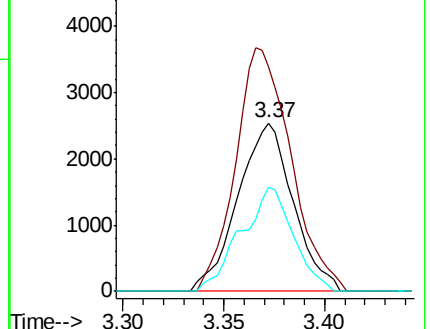
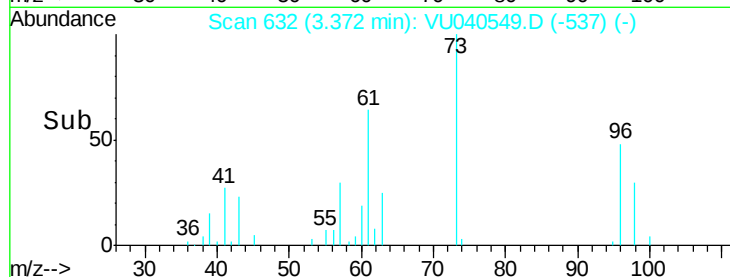
98 61.8 43.3 80.3



Abundance Ion 96.00 (95.70 to 96.70): VU040549.D (-537) (-)

Ion 61.00 (60.70 to 61.70): VU040549.D (-537) (-)

Ion 98.00 (97.70 to 98.70): VU040549.D (-537) (-)



#18

Methyl tert-butyl Ether

Concen: 2.228 ug/L

RT: 3.38 min Scan# 634

Delta R.T. -0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

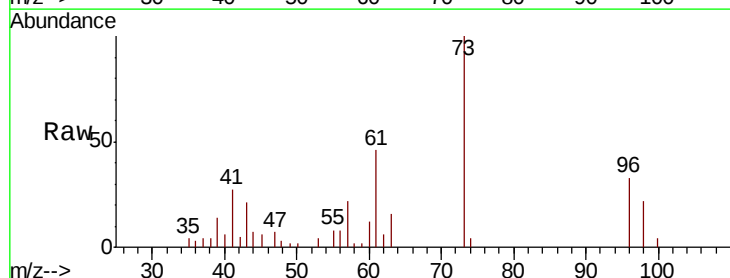
Tgt Ion: 73 Resp: 13605

Ion Ratio Lower Upper

73 100

43 23.1 18.2 27.2

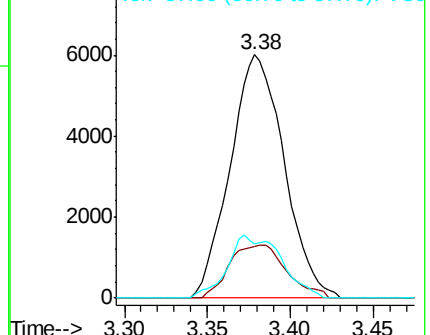
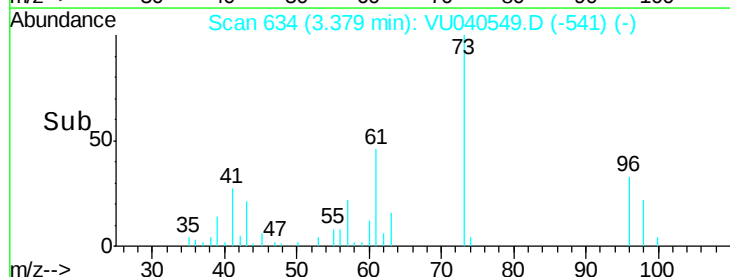
57 13.2 18.5 27.7#

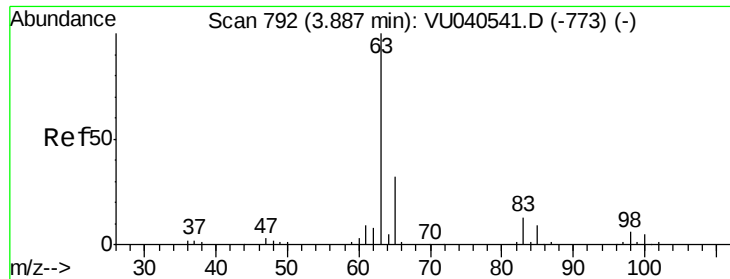


Abundance Ion 73.00 (72.70 to 73.70): VU040549.D (-541) (-)

Ion 43.00 (42.70 to 43.70): VU040549.D (-541) (-)

Ion 57.00 (56.70 to 57.70): VU040549.D (-541) (-)





#19

1,1-Dichloroethane

Concen: 2.621 ug/L

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

Instrument :

MSVOA\_U

ClientSampleId :

MDL-WATER-06

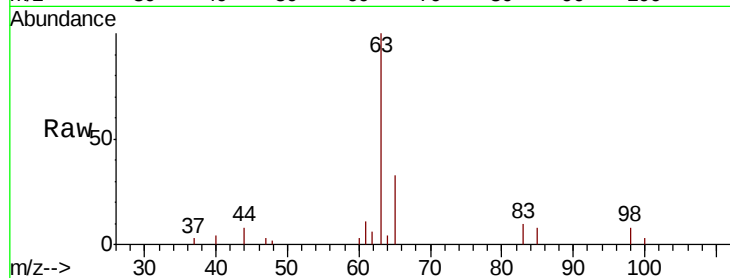
Tot Ion: 63 Resp: 10149

Ion Ratio Lower Upper

63 100

65 33.4 22.6 42.0

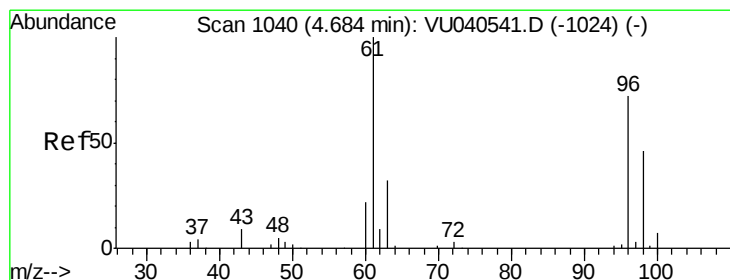
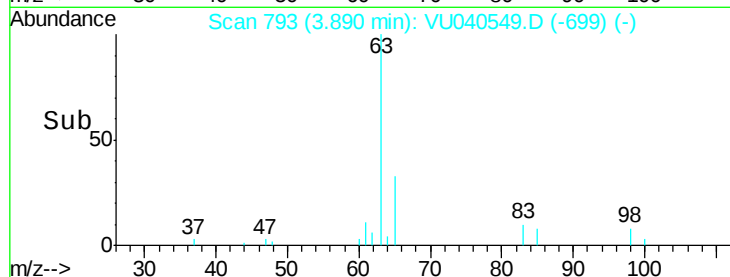
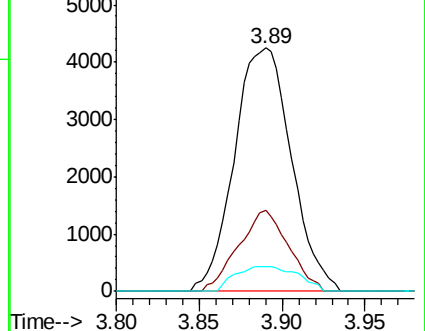
83 10.3 9.1 16.9



Abundance Ion 63.00 (62.70 to 63.70): VU040549.D (-699) (-)

Ion 65.00 (64.70 to 65.70): VU040549.D (-699) (-)

Ion 83.00 (82.70 to 83.70): VU040549.D (-699) (-)



#20

cis-1,2-Dichloroethene

Concen: 2.450 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

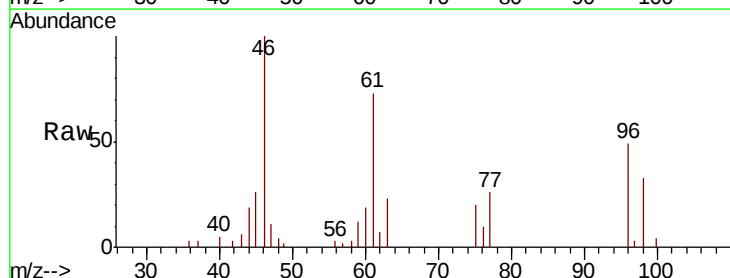
Tgt Ion: 96 Resp: 5125

Ion Ratio Lower Upper

96 100

61 149.5 95.7 177.7

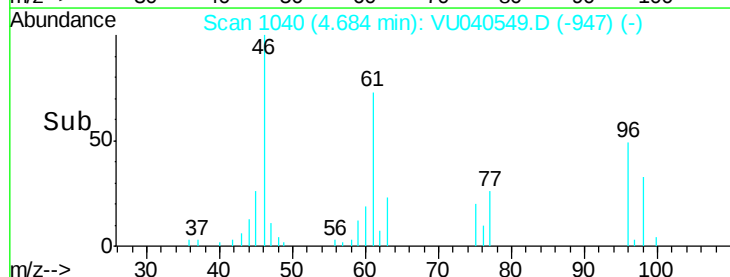
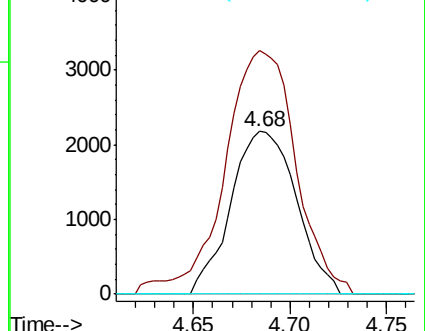
68 0.0 0.0 0.0

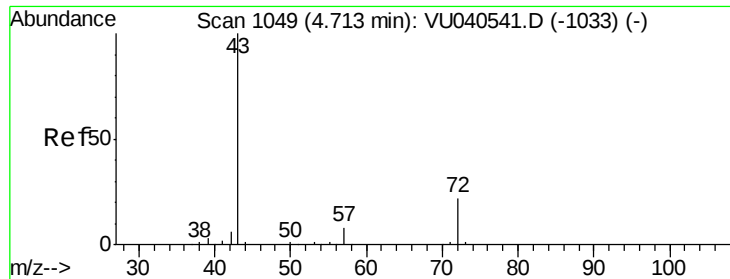


Abundance Ion 96.00 (95.70 to 96.70): VU040549.D (-947) (-)

Ion 61.00 (60.70 to 61.70): VU040549.D (-947) (-)

Ion 68.00 (67.70 to 68.70): VU040549.D (-947) (-)





#22

2-Butanone

Concen: 5.312 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

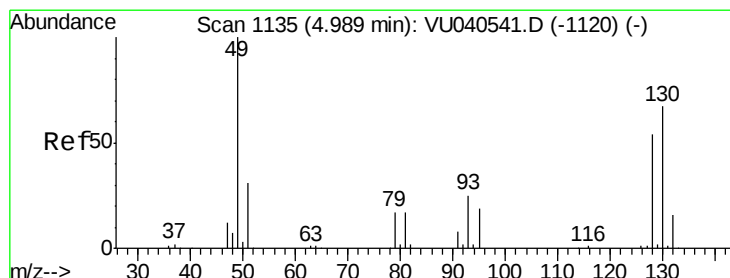
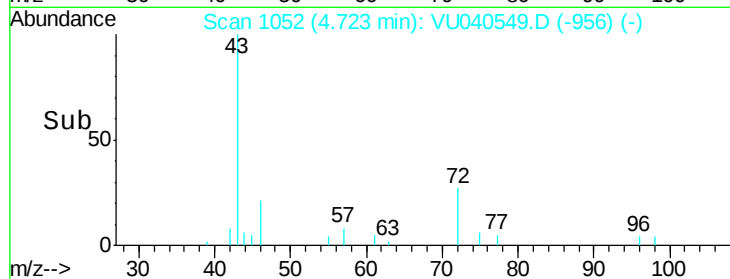
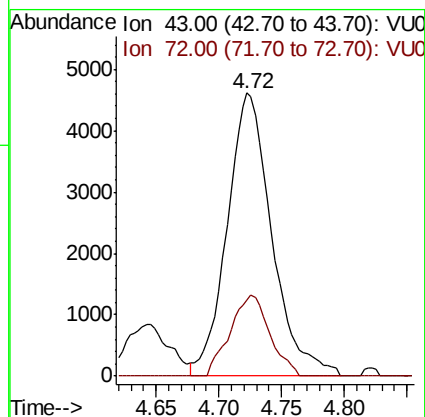
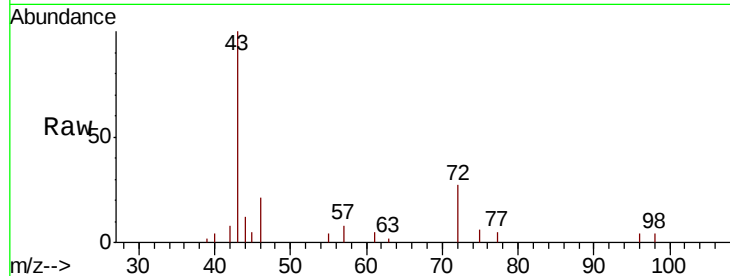
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-06

Tot Ion: 43 Resp: 11412

Ion Ratio Lower Upper

43 100

72 25.3 11.9 35.9



#23

Bromochloromethane

Concen: 2.485 ug/L

RT: 4.99 min Scan# 1135

Delta R.T. -0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

Tgt Ion: 128 Resp: 2709

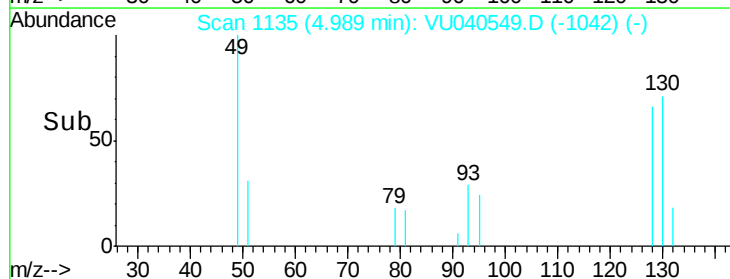
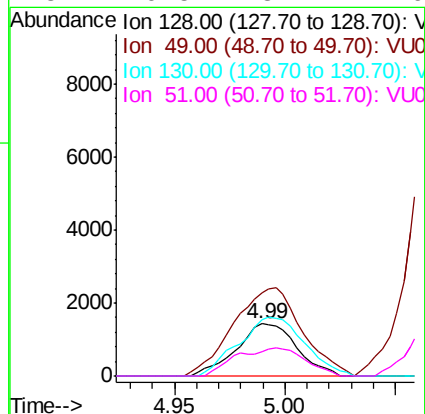
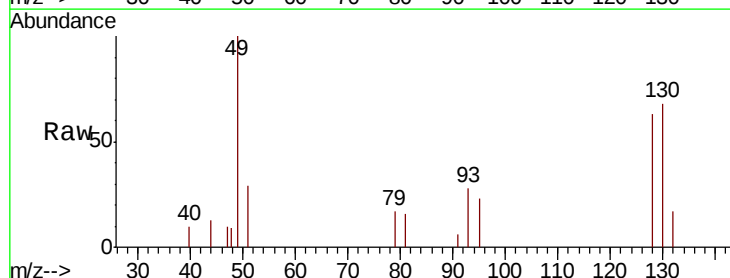
Ion Ratio Lower Upper

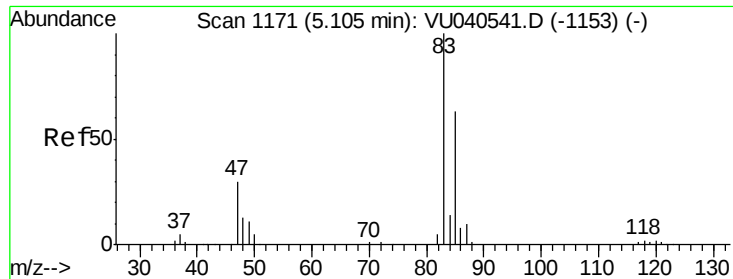
128 100

49 159.1 133.1 247.3

130 108.6 90.5 168.1

51 46.5 48.4 72.6#

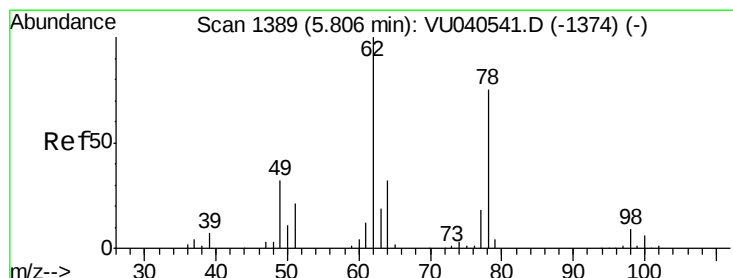
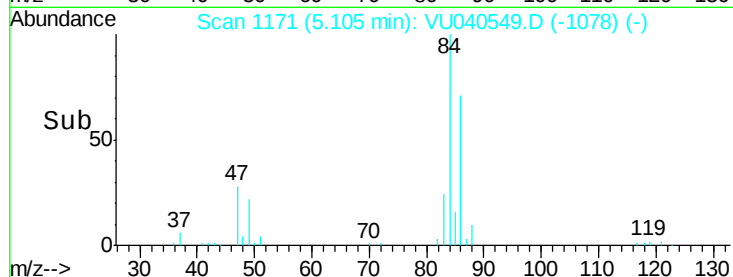
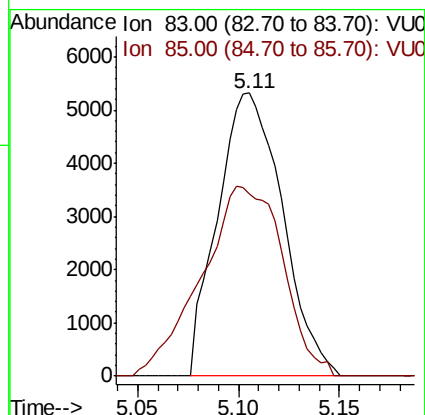
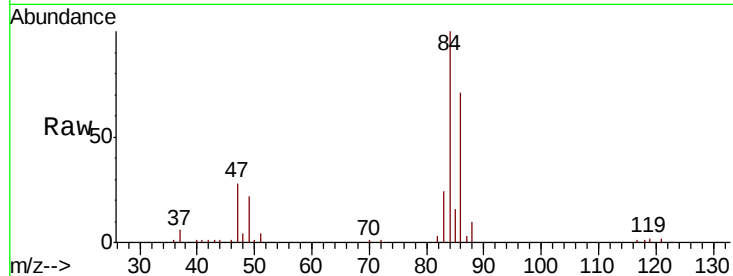




#25  
Chloroform  
Concen: 3.017 ug/L  
RT: 5.11 min Scan# 1171  
Delta R.T. -0.00 min  
Lab File: VU040549.D  
Acq: 07 Oct 2020 17:03

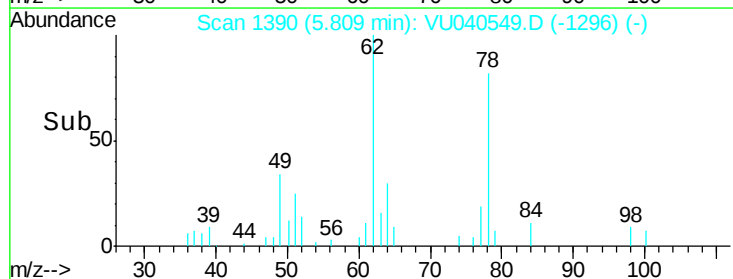
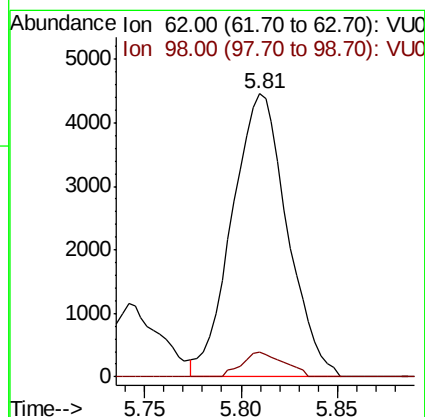
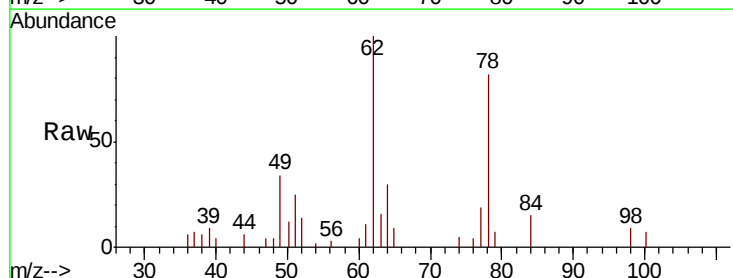
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-06

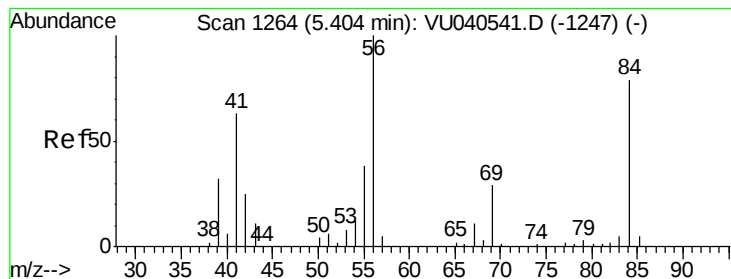
Tot Ion: 83 Resp: 11909  
Ion Ratio Lower Upper  
83 100  
85 64.4 45.6 84.8



#27  
1,2-Dichloroethane  
Concen: 2.718 ug/L  
RT: 5.81 min Scan# 1390  
Delta R.T. 0.00 min  
Lab File: VU040549.D  
Acq: 07 Oct 2020 17:03

Tgt Ion: 62 Resp: 8855  
Ion Ratio Lower Upper  
62 100  
98 8.7 7.1 10.7





#29

Cyclohexane

Concen: 2.093 ug/L

RT: 5.40 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

Instrument :

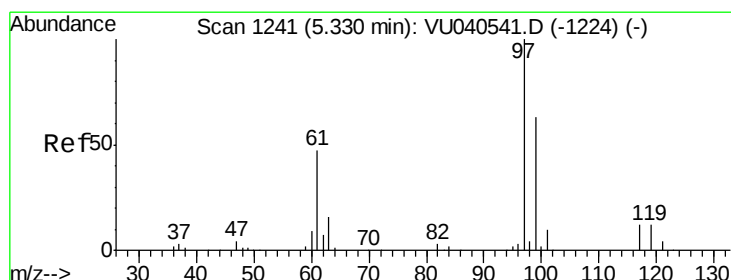
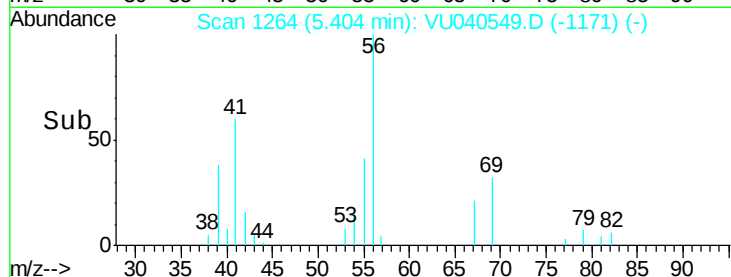
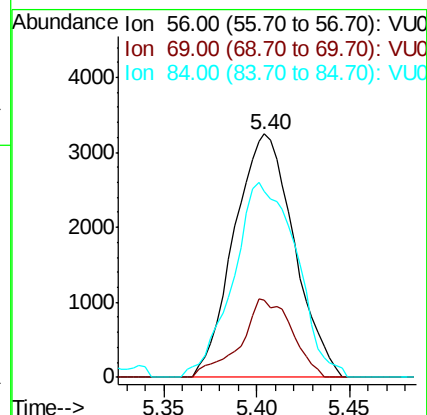
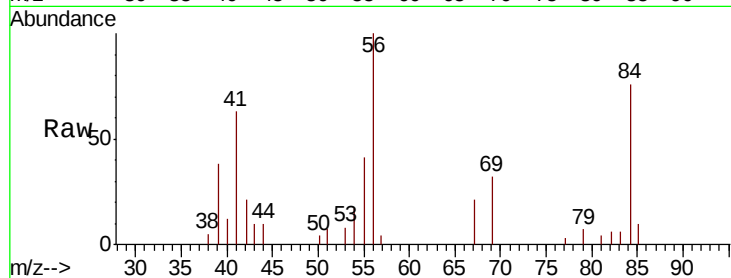
MSVOA\_U

ClientSampleId :

MDL-WATER-06

Tot Ion: 56 Resp: 7274

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 16.8  | 22.6  | 34.0# |
| 84  | 84.8  | 63.1  | 94.7  |



#30

1,1,1-Trichloroethane

Concen: 2.633 ug/L

RT: 5.33 min Scan# 1242

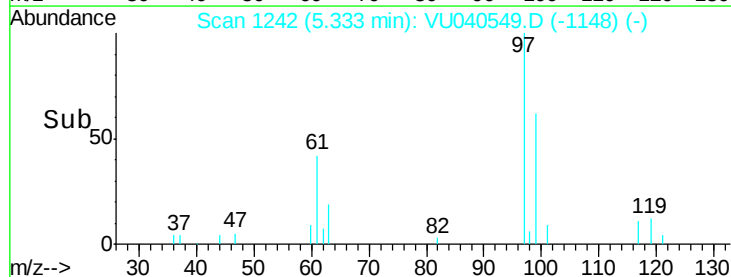
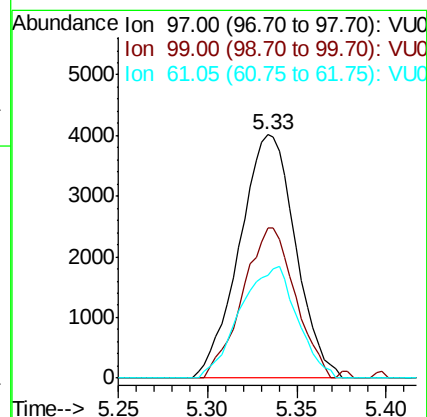
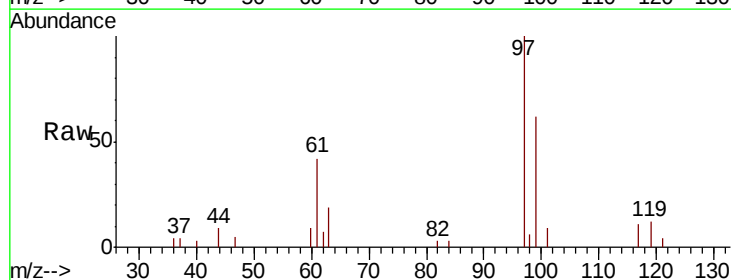
Delta R.T. 0.00 min

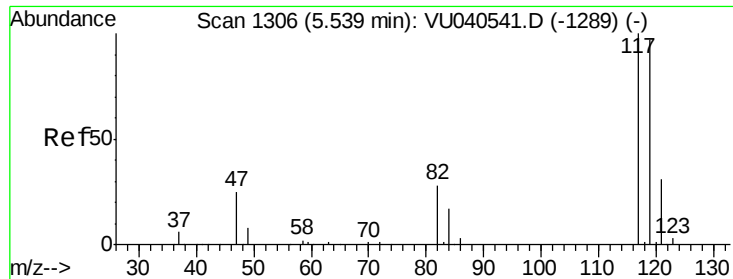
Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

Tgt Ion: 97 Resp: 8779

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 57.8  | 51.0  | 76.6  |
| 61  | 46.7  | 39.4  | 59.2  |

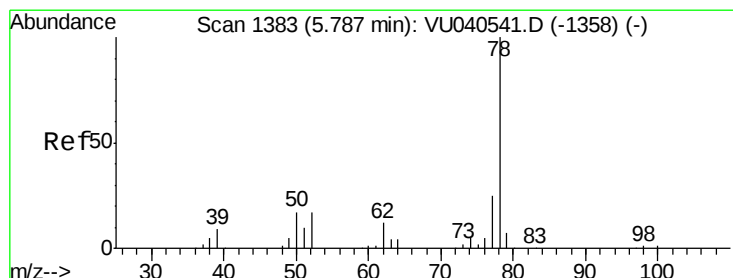
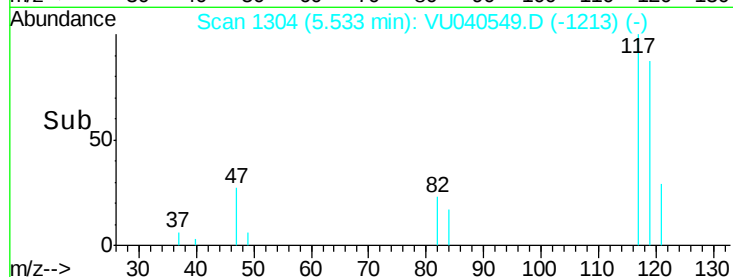
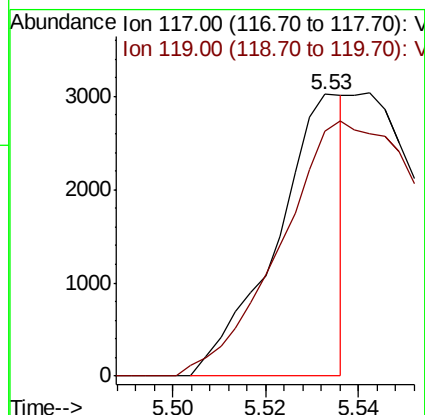
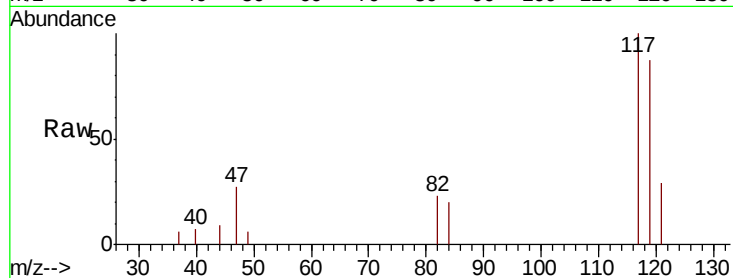




#31  
Carbon tetrachloride  
Concen: 1.057 ug/L  
RT: 5.53 min Scan# 1304  
Delta R.T. -0.01 min  
Lab File: VU040549.D  
Acq: 07 Oct 2020 17:03

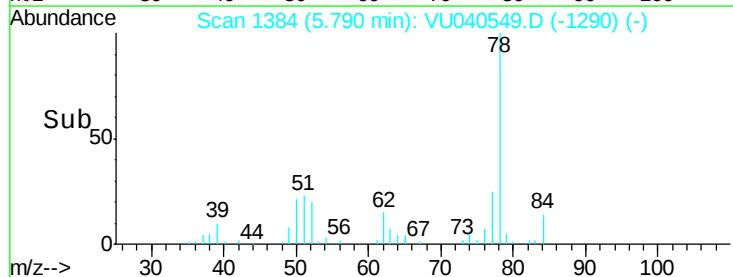
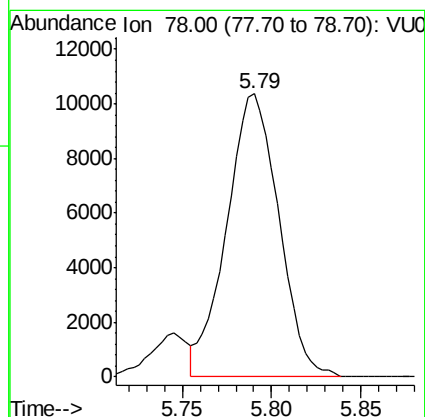
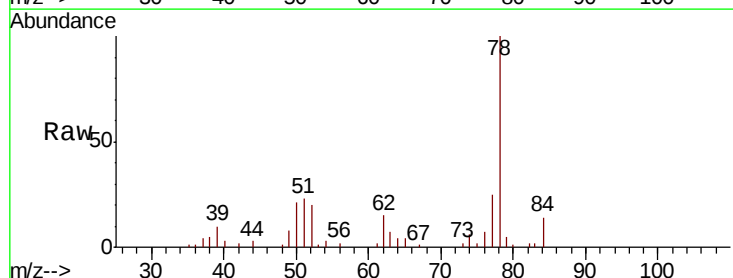
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-06

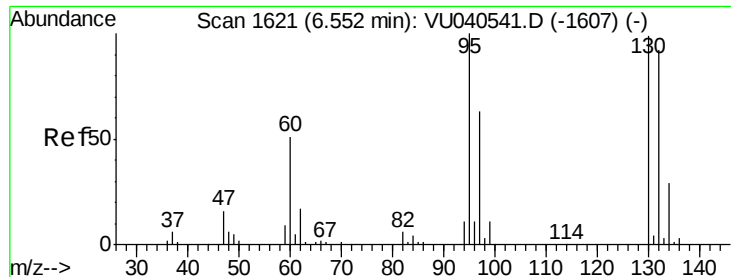
Tot Ion:117 Resp: 3048  
Ion Ratio Lower Upper  
117 100  
119 205.3 75.8 113.6#



#33  
Benzene  
Concen: 2.512 ug/L  
RT: 5.79 min Scan# 1384  
Delta R.T. 0.00 min  
Lab File: VU040549.D  
Acq: 07 Oct 2020 17:03

Tgt Ion: 78 Resp: 21078

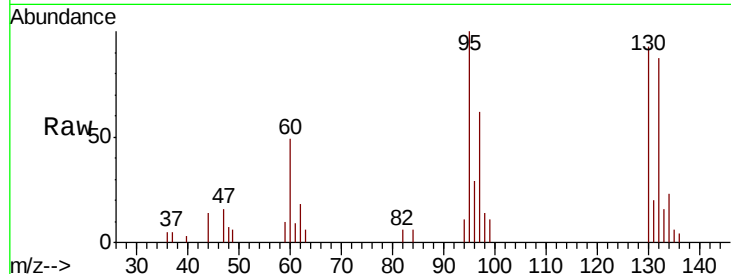




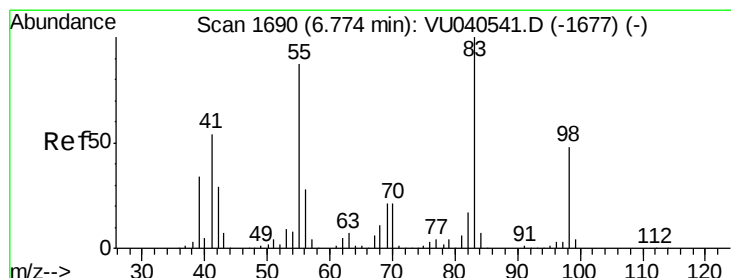
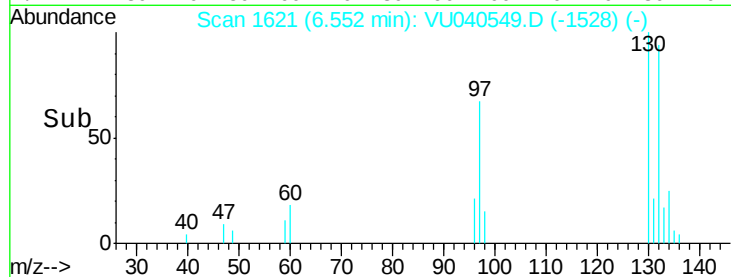
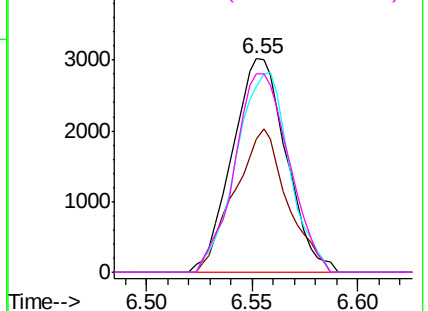
#34  
 Trichloroethene  
 Concen: 2.495 ug/L  
 RT: 6.55 min Scan# 1621  
 Delta R.T. -0.00 min  
 Lab File: VU040549.D  
 Acq: 07 Oct 2020 17:03

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL-WATER-06

Tot Ion: 95 Resp: 5394  
 Ion Ratio Lower Upper  
 95 100  
 97 62.5 44.3 82.3  
 132 87.1 64.2 119.2  
 130 92.8 67.3 125.1

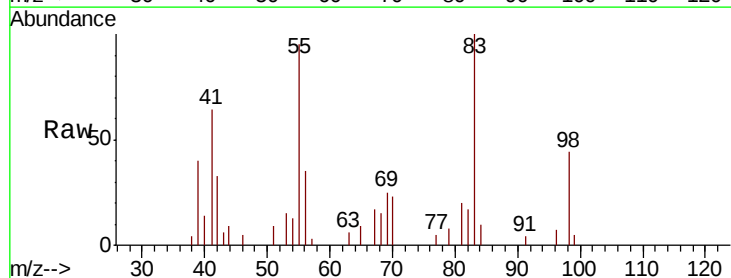


Abundance Ion 95.00 (94.70 to 95.70): VU0  
 Ion 97.00 (96.70 to 97.70): VU0  
 Ion 132.00 (131.70 to 132.70): V  
 Ion 130.00 (129.70 to 130.70): V

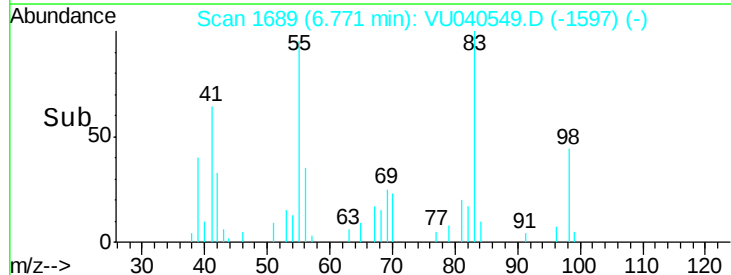
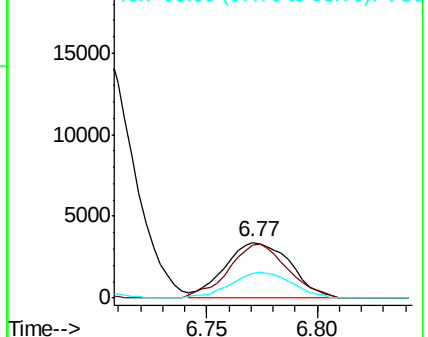


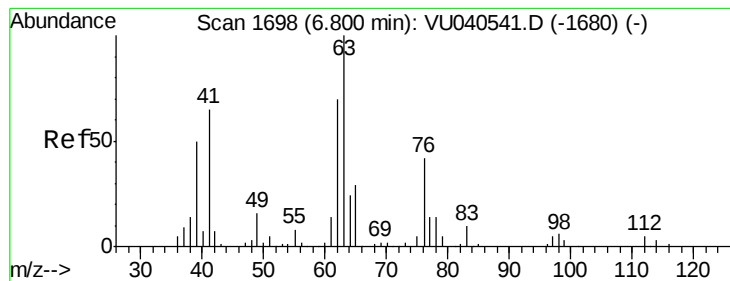
#35  
 Methylcyclohexane  
 Concen: 2.128 ug/L  
 RT: 6.77 min Scan# 1689  
 Delta R.T. -0.00 min  
 Lab File: VU040549.D  
 Acq: 07 Oct 2020 17:03

Tgt Ion: 83 Resp: 6992  
 Ion Ratio Lower Upper  
 83 100  
 55 87.8 69.8 104.8  
 98 43.6 39.1 58.7



Abundance Ion 83.00 (82.70 to 83.70): VU0  
 Ion 55.00 (54.70 to 55.70): VU0  
 Ion 98.00 (97.70 to 98.70): VU0





#37

1,2-Dichloropropane

Concen: 2.524 ug/L

RT: 6.80 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

Instrument :

MSVOA\_U

ClientSampleId :

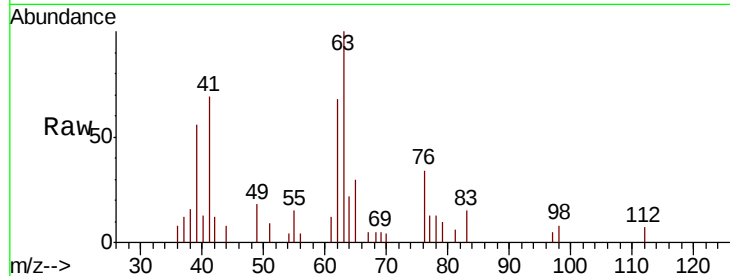
MDL-WATER-06

Tot Ion: 63 Resp: 5816

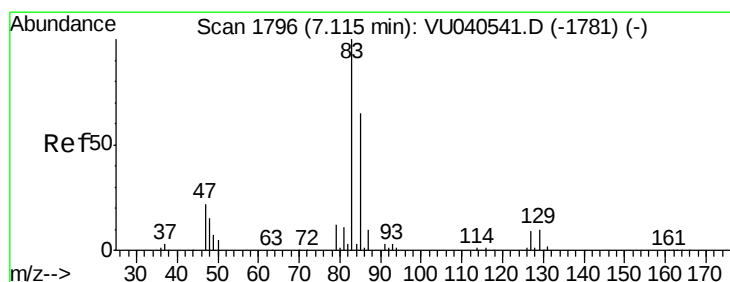
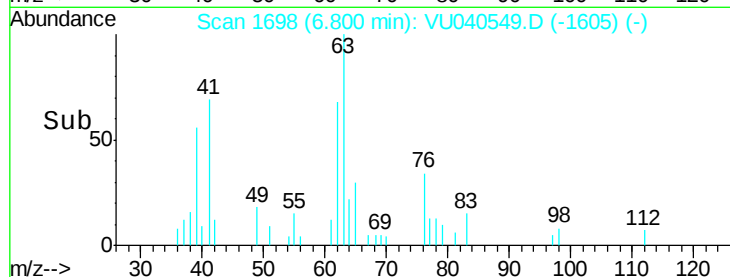
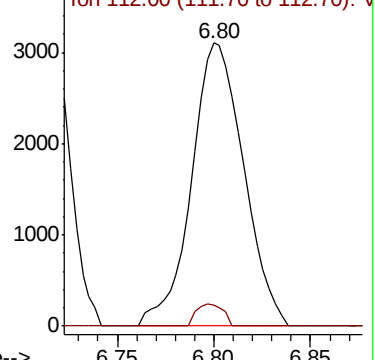
Ion Ratio Lower Upper

63 100

112 4.0 3.5 5.3



Abundance Ion 63.00 (62.70 to 63.70): VU040549.D (-1605) (-)



#38

Bromodichloromethane

Concen: 2.538 ug/L

RT: 7.12 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

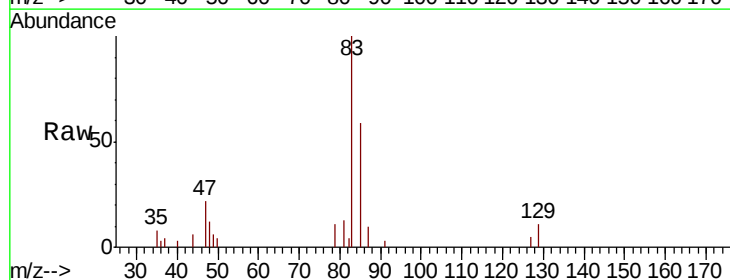
Tgt Ion: 83 Resp: 7597

Ion Ratio Lower Upper

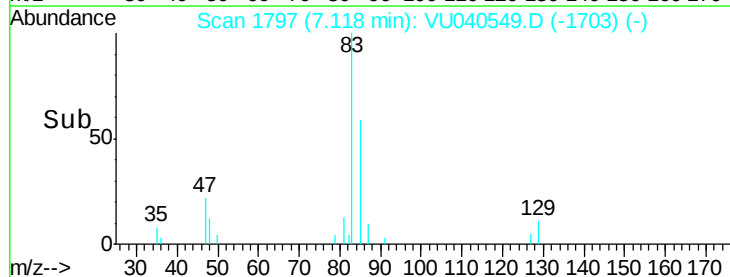
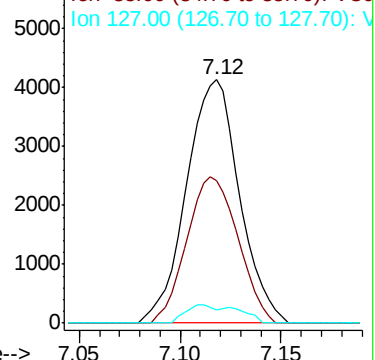
83 100

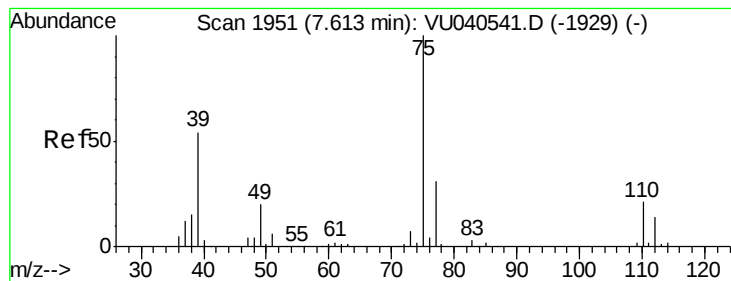
85 58.6 45.2 84.0

127 5.4 6.7 10.1#



Abundance Ion 83.00 (82.70 to 83.70): VU040549.D (-1703) (-)



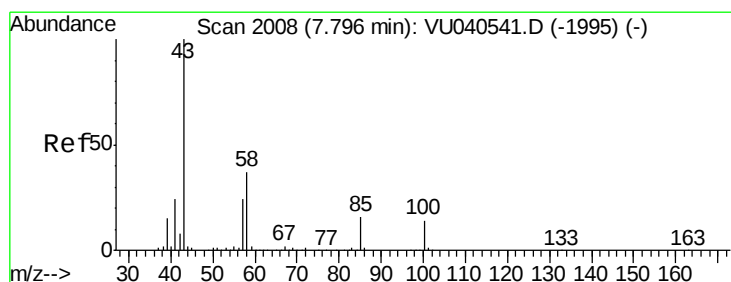
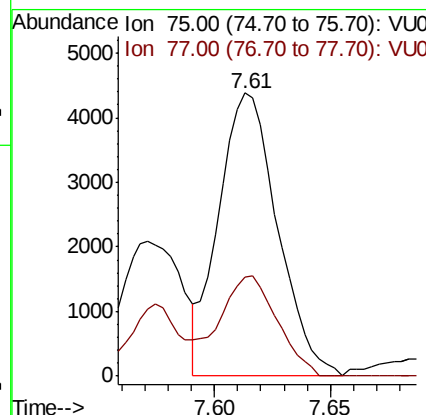
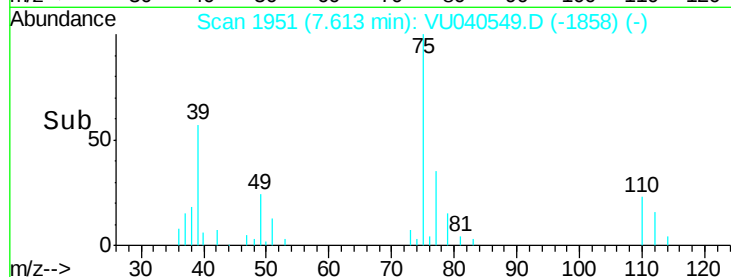
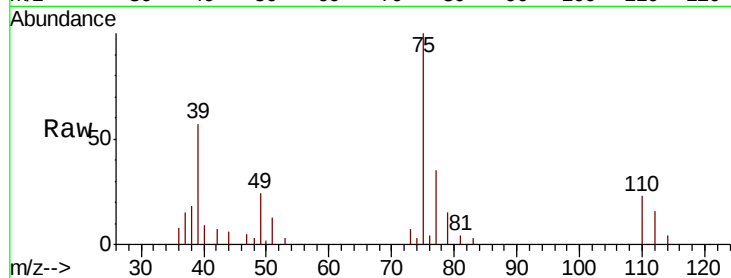


#39

cis-1,3-Dichloropropene  
Concen: 2.290 ug/L  
RT: 7.61 min Scan# 1951  
Delta R.T. -0.00 min  
Lab File: VU040549.D  
Acq: 07 Oct 2020 17:03

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-06

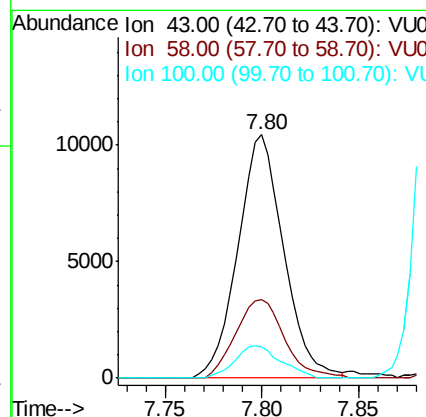
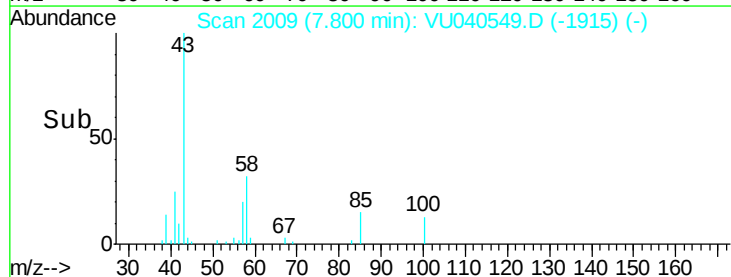
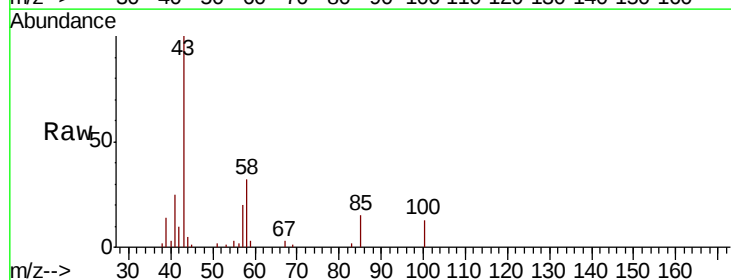
Tot Ion: 75 Resp: 7732  
Ion Ratio Lower Upper  
75 100  
77 35.0 21.4 39.8

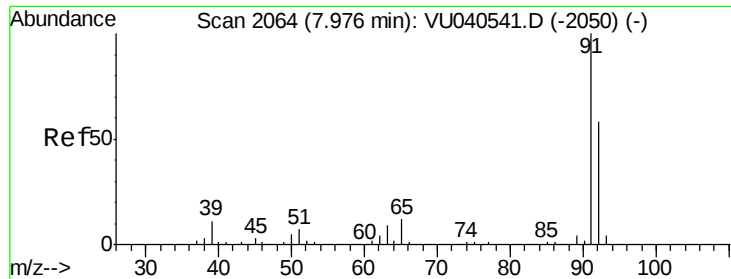


#40

4-Methyl-2-pentanone  
Concen: 4.729 ug/L  
RT: 7.80 min Scan# 2009  
Delta R.T. 0.00 min  
Lab File: VU040549.D  
Acq: 07 Oct 2020 17:03

Tgt Ion: 43 Resp: 17196  
Ion Ratio Lower Upper  
43 100  
58 34.3 29.7 44.5  
100 13.4 10.5 15.7





#42

Toluene

Concen: 2.425 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

Instrument :

MSVOA\_U

ClientSampleId :

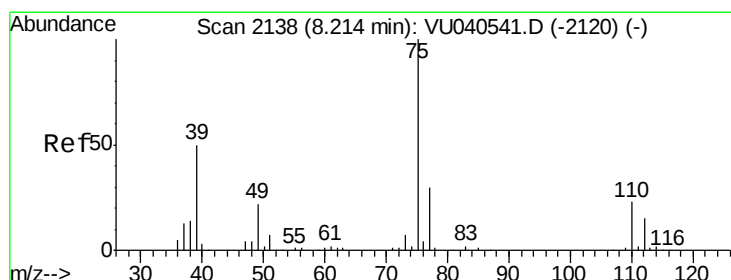
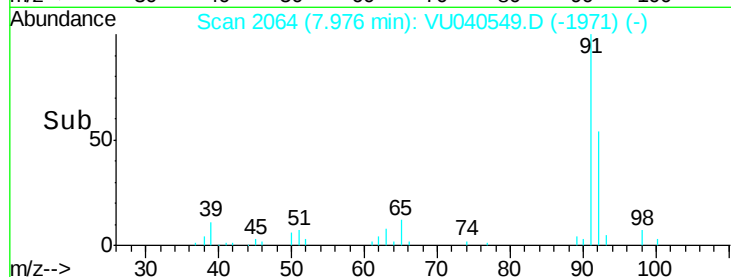
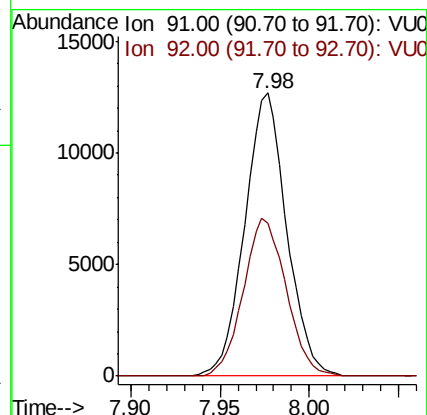
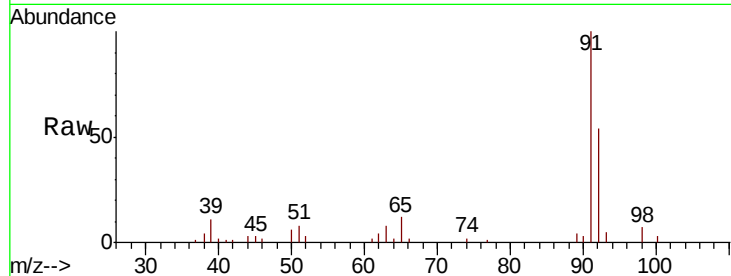
MDL-WATER-06

Tot Ion: 91 Resp: 20778

Ion Ratio Lower Upper

91 100

92 53.9 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 2.368 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.00 min

Lab File: VU040549.D

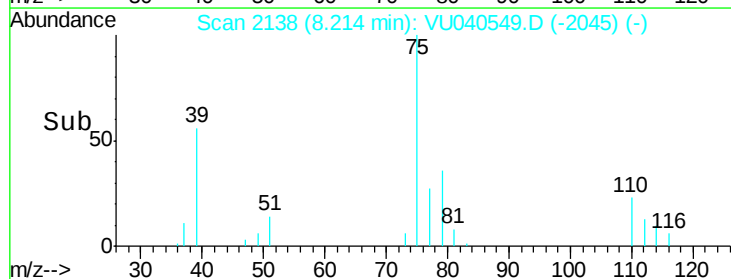
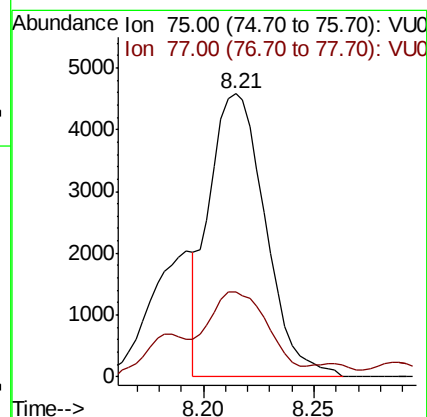
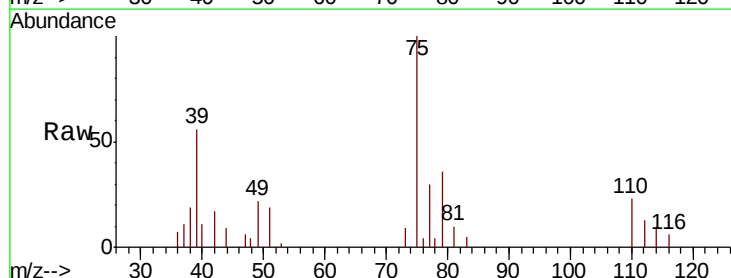
Acq: 07 Oct 2020 17:03

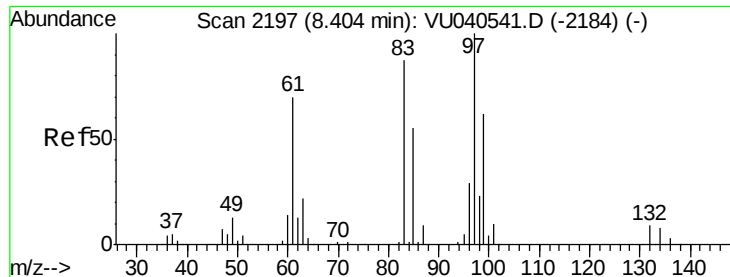
Tgt Ion: 75 Resp: 8052

Ion Ratio Lower Upper

75 100

77 30.2 22.1 41.1

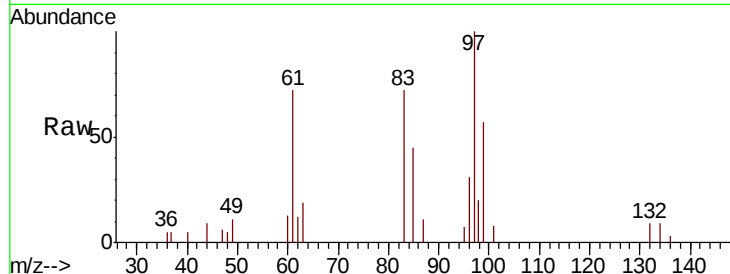




#45  
1,1,2-Trichloroethane  
Concen: 2.549 ug/L  
RT: 8.40 min Scan# 2197  
Delta R.T. -0.00 min  
Lab File: VU040549.D  
Acq: 07 Oct 2020 17:03

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-06

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 5262  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 56.9  | 42.7  | 79.3  |
| 83       | 72.3  | 61.0  | 113.4 |
| 85       | 45.5  | 39.8  | 73.8  |



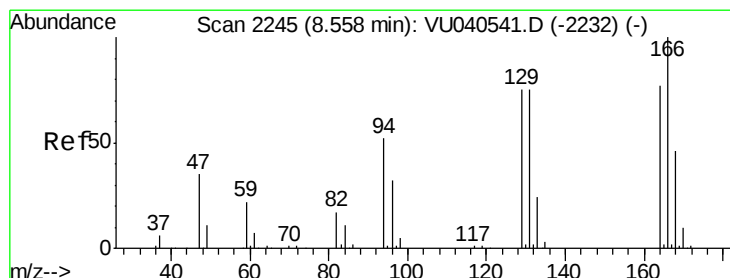
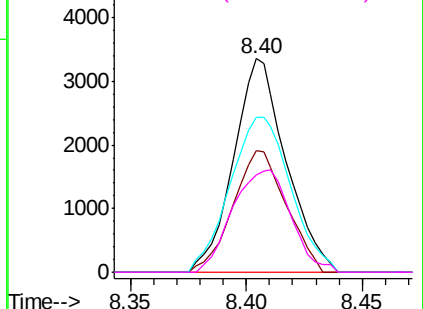
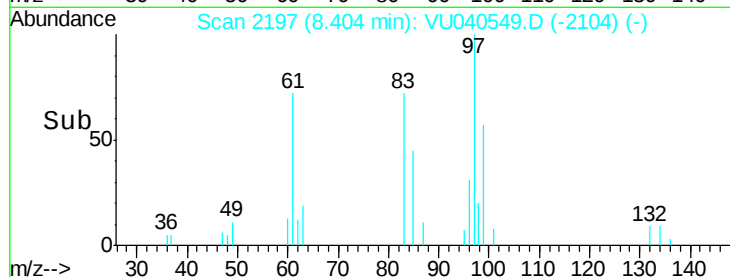
Abundance

Ion 97.00 (96.70 to 97.70): VU040549.D (-2104) (-)

Ion 99.00 (98.70 to 99.70): VU040549.D (-2104) (-)

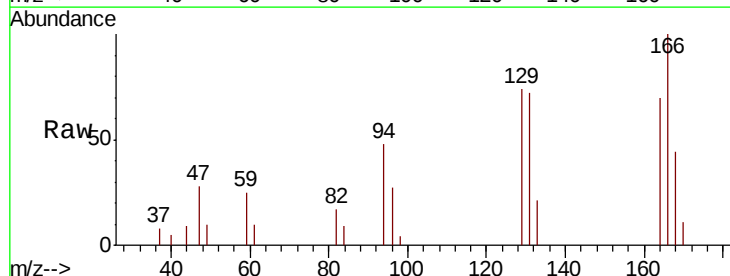
Ion 83.00 (82.70 to 83.70): VU040549.D (-2104) (-)

Ion 85.00 (84.70 to 85.70): VU040549.D (-2104) (-)



#46  
Tetrachloroethene  
Concen: 2.391 ug/L  
RT: 8.56 min Scan# 2245  
Delta R.T. -0.00 min  
Lab File: VU040549.D  
Acq: 07 Oct 2020 17:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 3735  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 106.4 | 67.4  | 125.2 |
| 131      | 103.4 | 63.8  | 118.6 |
| 166      | 143.5 | 88.7  | 164.7 |



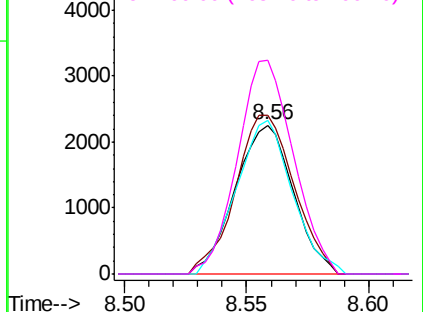
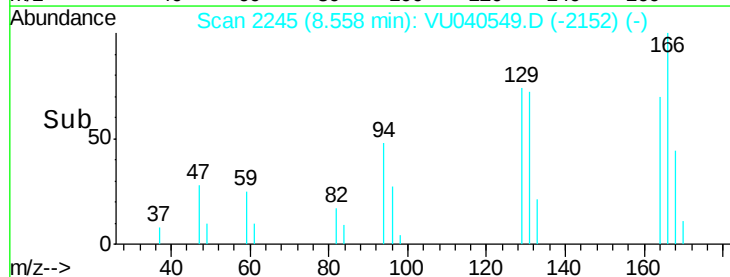
Abundance

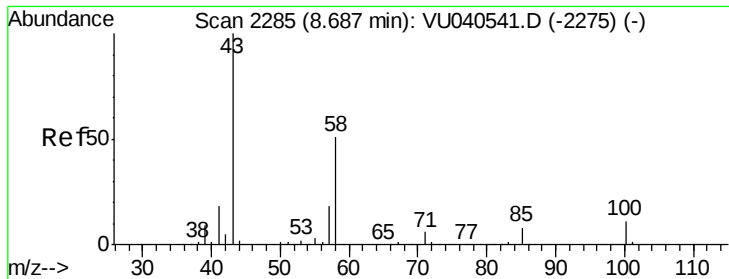
Ion 164.00 (163.70 to 164.70): VU040549.D (-2152) (-)

Ion 129.00 (128.70 to 129.70): VU040549.D (-2152) (-)

Ion 131.00 (130.70 to 131.70): VU040549.D (-2152) (-)

Ion 166.00 (165.70 to 166.70): VU040549.D (-2152) (-)

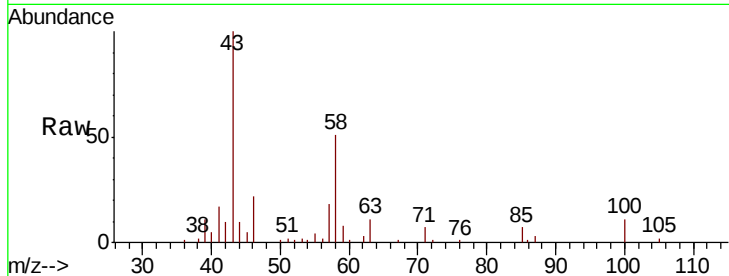




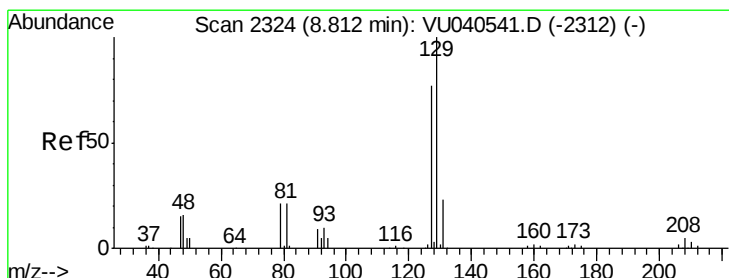
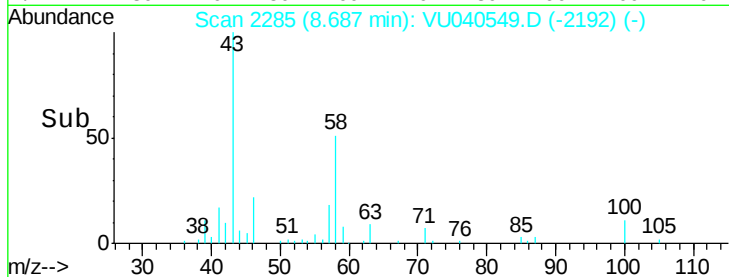
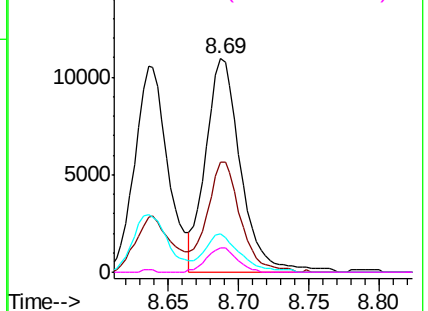
#48  
2-Hexanone  
Concen: 6.406 ug/L  
RT: 8.69 min Scan# 2285  
Delta R.T. -0.00 min  
Lab File: VU040549.D  
Acq: 07 Oct 2020 17:03

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-06

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 18932 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 49.1  | 40.6  | 60.8  |
| 57       | 18.3  | 14.3  | 21.5  |
| 100      | 9.7   | 8.5   | 12.7  |

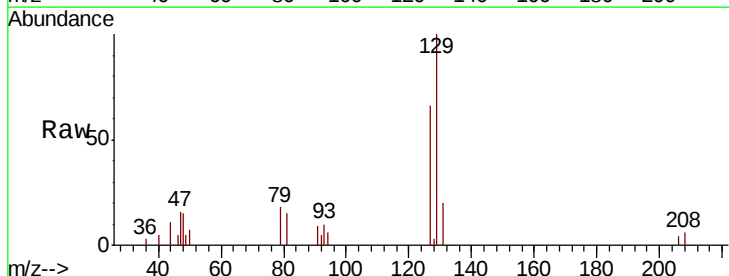


Abundance Ion 43.00 (42.70 to 43.70): VU040549.D (-2192) (-)  
Ion 58.00 (57.70 to 58.70): VU040549.D (-2192) (-)  
Ion 57.00 (56.70 to 57.70): VU040549.D (-2192) (-)  
Ion 100.00 (99.70 to 100.70): VU040549.D (-2192) (-)

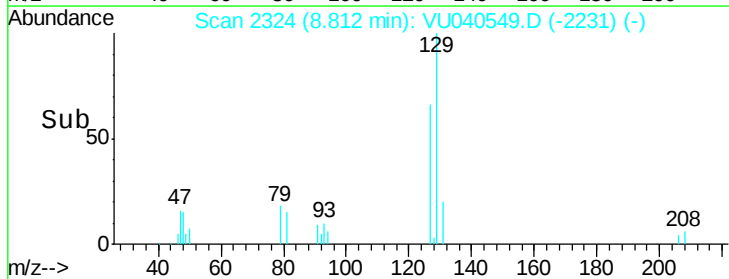
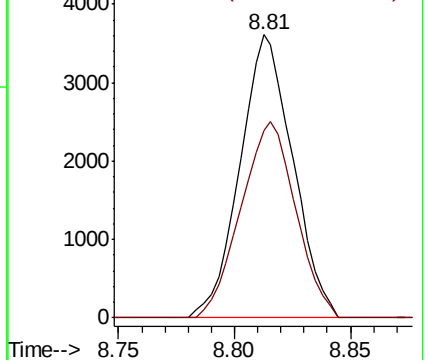


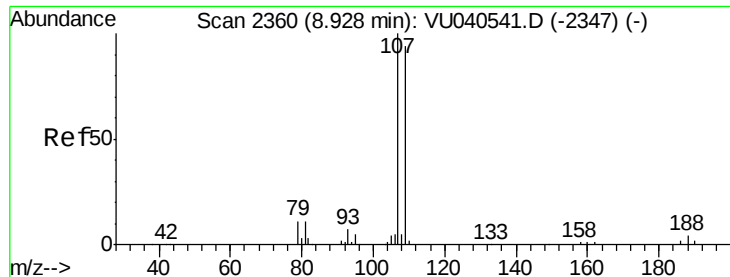
#49  
Dibromochloromethane  
Concen: 2.536 ug/L  
RT: 8.81 min Scan# 2324  
Delta R.T. -0.00 min  
Lab File: VU040549.D  
Acq: 07 Oct 2020 17:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 5717  |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 66.1  | 54.9  | 102.1 |



Abundance Ion 129.00 (128.70 to 129.70): VU040549.D (-2231) (-)  
Ion 127.00 (126.70 to 127.70): VU040549.D (-2231) (-)

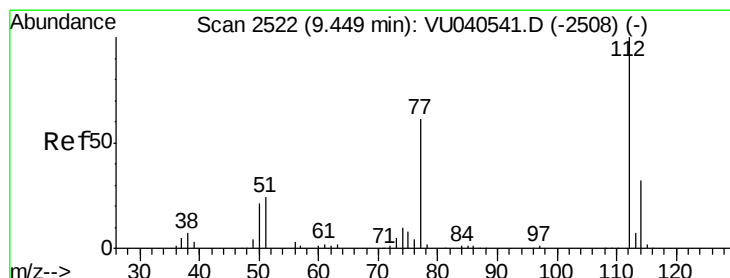
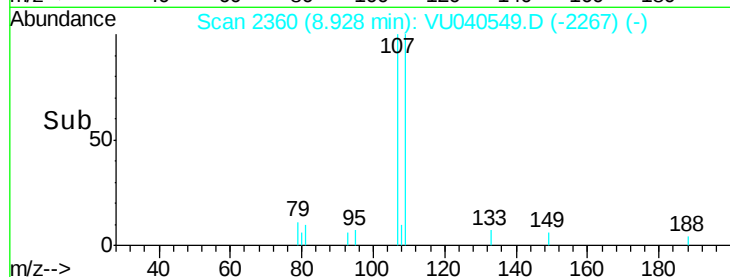
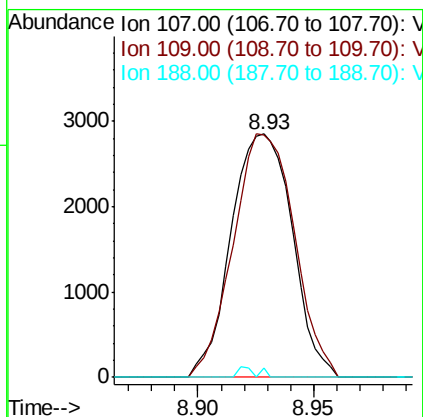
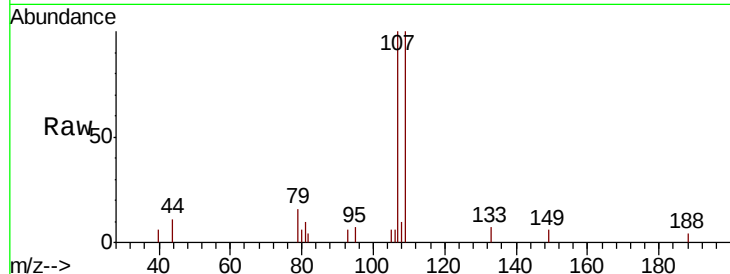




#50  
 1,2-Dibromoethane  
 Concen: 2.387 ug/L  
 RT: 8.93 min Scan# 2360  
 Delta R.T. -0.00 min  
 Lab File: VU040549.D  
 Acq: 07 Oct 2020 17:03

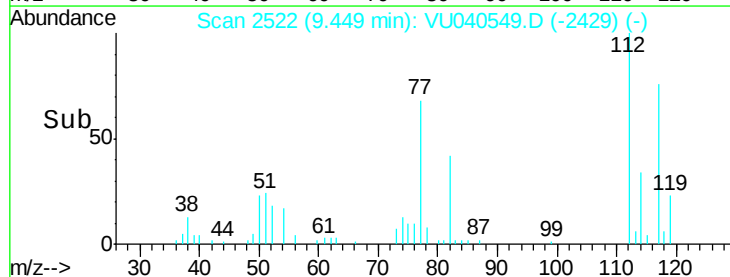
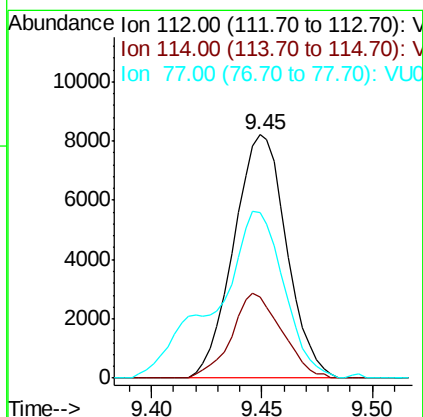
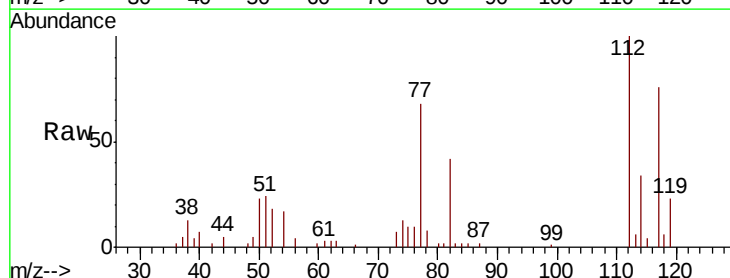
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL-WATER-06

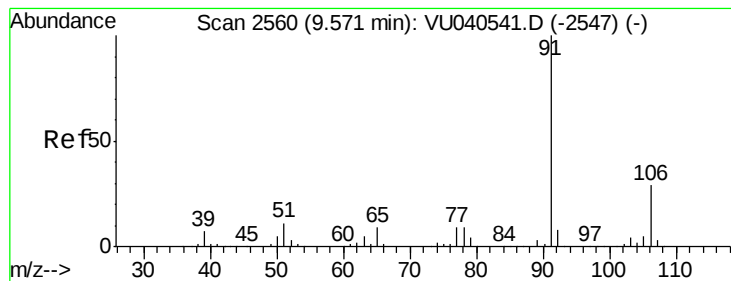
Tot Ion:107 Resp: 5223  
 Ion Ratio Lower Upper  
 107 100  
 109 99.6 67.8 125.8  
 188 3.8 2.8 4.2



#51  
 Chlorobenzene  
 Concen: 2.427 ug/L  
 RT: 9.45 min Scan# 2522  
 Delta R.T. -0.00 min  
 Lab File: VU040549.D  
 Acq: 07 Oct 2020 17:03

Tgt Ion:112 Resp: 13640  
 Ion Ratio Lower Upper  
 112 100  
 114 33.5 22.1 41.1  
 77 68.1 50.4 75.6





#52

Ethylbenzene

Concen: 2.194 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

Instrument :

MSVOA\_U

ClientSampleId :

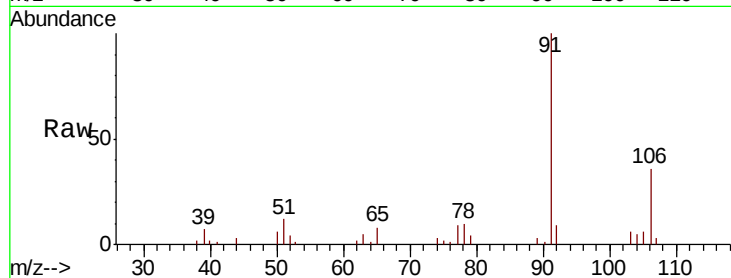
MDL-WATER-06

Tot Ion: 91 Resp: 20859

Ion Ratio Lower Upper

91 100

106 36.0 20.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VU040549.D (-2547) (-)

Ion 106.00 (105.70 to 106.70): VU040549.D (-2547) (-)

9.57

15000

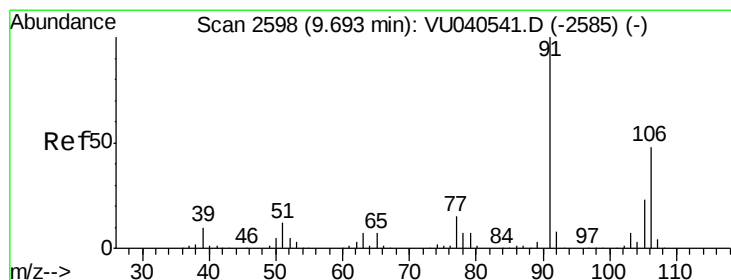
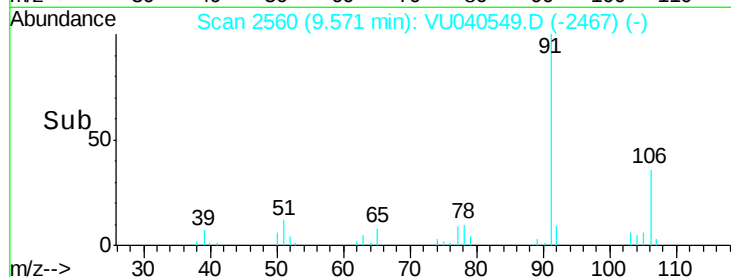
10000

5000

0

9.55 9.60

Time-->



#53

m,p-Xylene

Concen: 2.000 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU040549.D

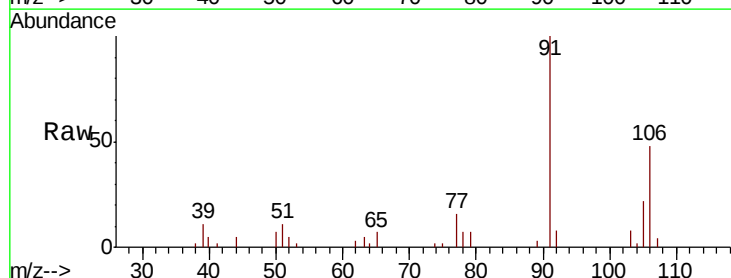
Acq: 07 Oct 2020 17:03

Tgt Ion: 106 Resp: 7004

Ion Ratio Lower Upper

106 100

91 209.4 150.1 278.7



Abundance Ion 106.00 (105.70 to 106.70): VU040549.D (-2585) (-)

Ion 91.00 (90.70 to 91.70): VU040549.D (-2585) (-)

9.69

10000

8000

6000

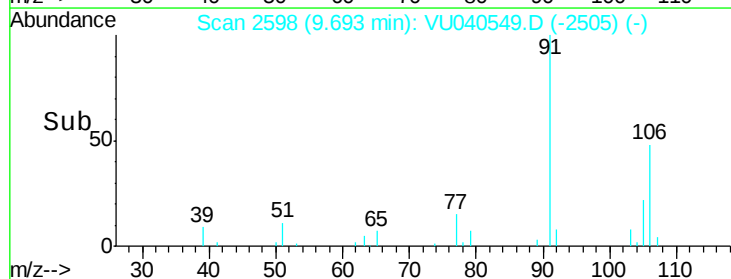
4000

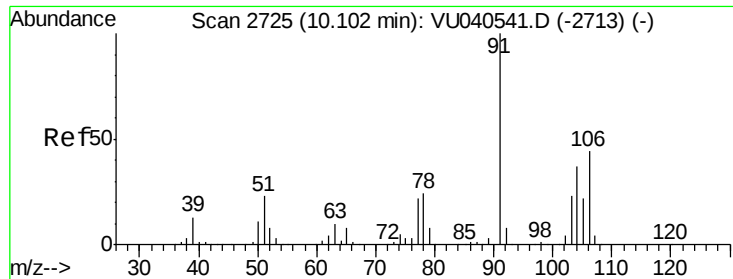
2000

0

9.65 9.70

Time-->





#54

o-xylene

Concen: 1.883 ug/L

RT: 10.10 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

Instrument :

MSVOA\_U

ClientSampleId :

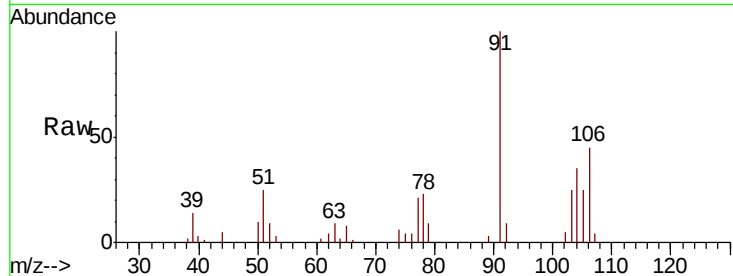
MDL-WATER-06

Tot Ion:106 Resp: 6272

Ion Ratio Lower Upper

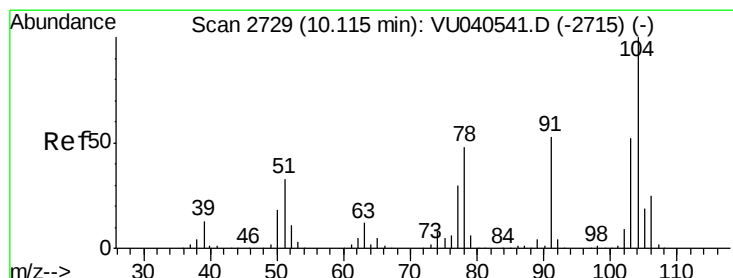
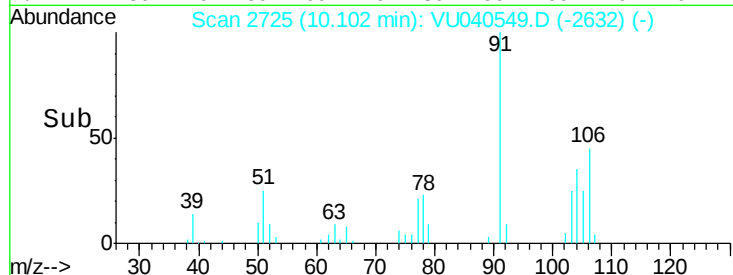
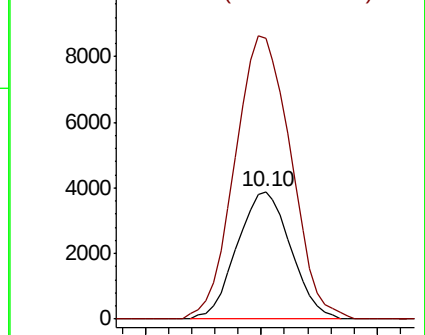
106 100

91 220.5 155.6 289.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 1.812 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU040549.D

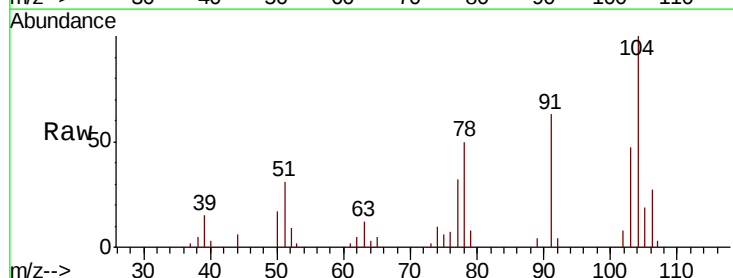
Acq: 07 Oct 2020 17:03

Tgt Ion:104 Resp: 10632

Ion Ratio Lower Upper

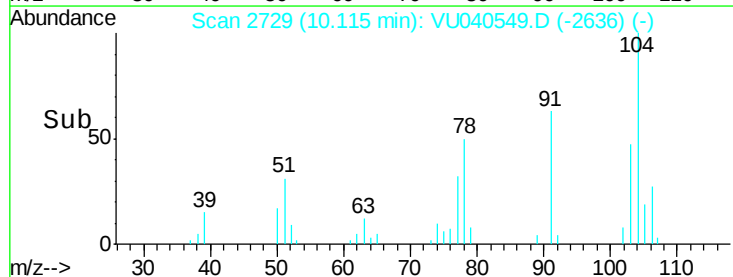
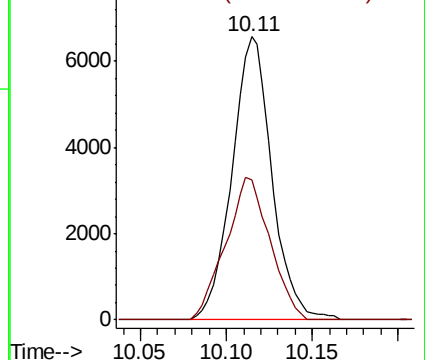
104 100

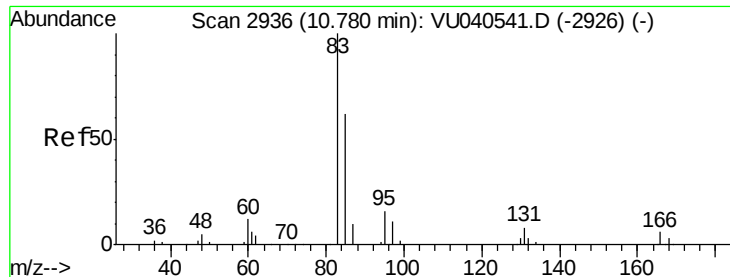
78 49.7 35.2 65.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

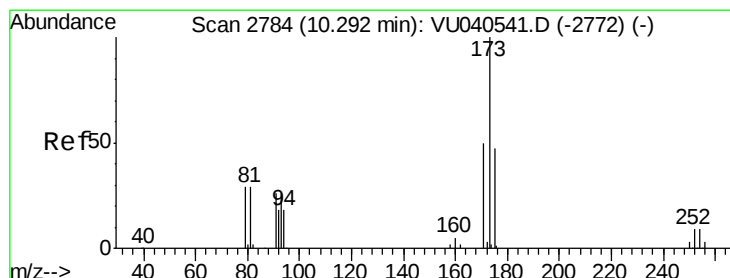
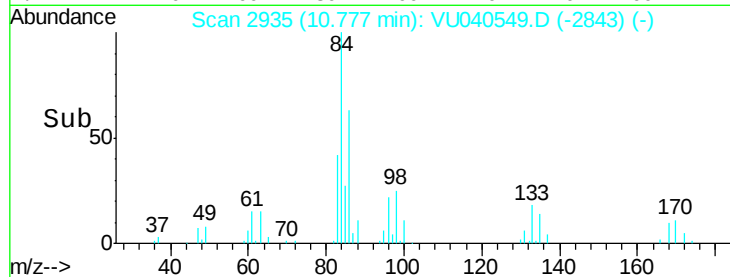
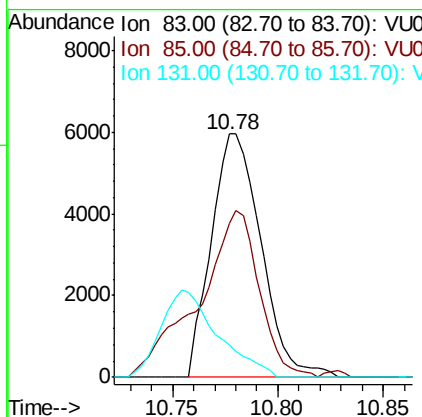
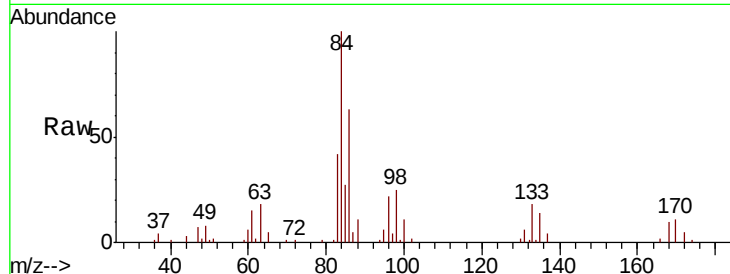




#57  
 1,1,2,2-Tetrachloroethane  
 Concen: 2.673 ug/L  
 RT: 10.78 min Scan# 2935  
 Delta R.T. -0.00 min  
 Lab File: VU040549.D  
 Acq: 07 Oct 2020 17:03

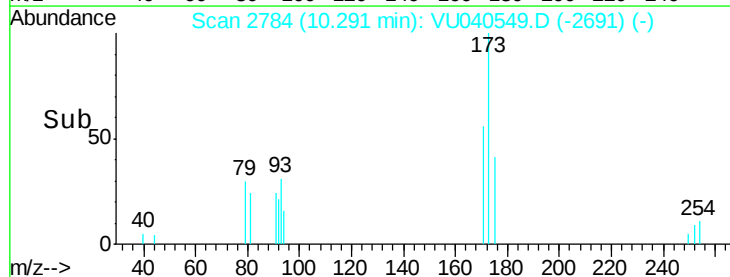
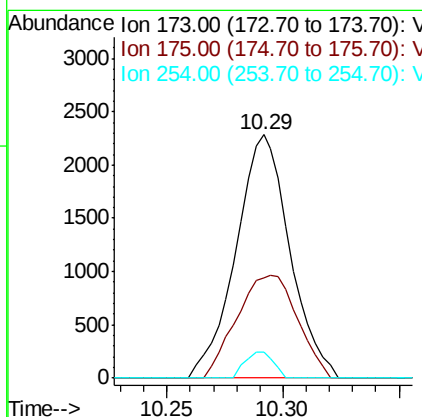
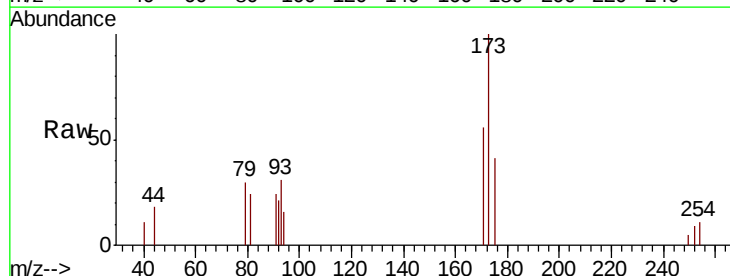
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL-WATER-06

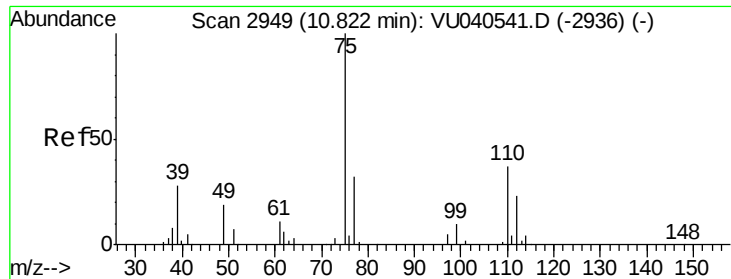
Tot Ion: 83 Resp: 9759  
 Ion Ratio Lower Upper  
 83 100  
 85 63.5 44.2 82.2  
 131 13.3 7.1 10.7#



#59  
 Bromoform  
 Concen: 2.442 ug/L  
 RT: 10.29 min Scan# 2784  
 Delta R.T. -0.00 min  
 Lab File: VU040549.D  
 Acq: 07 Oct 2020 17:03

Tgt Ion: 173 Resp: 3683  
 Ion Ratio Lower Upper  
 173 100  
 175 47.4 38.5 57.7  
 254 5.7 7.0 10.6#



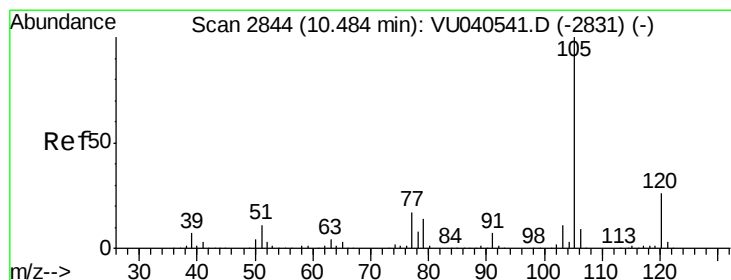
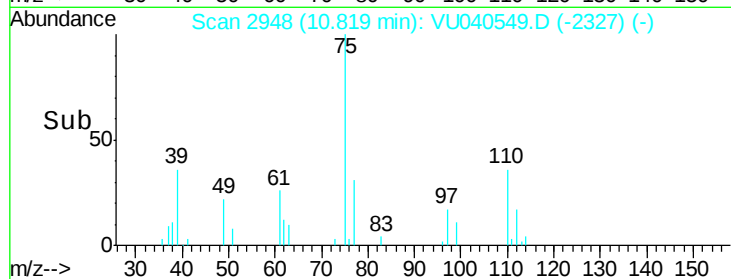
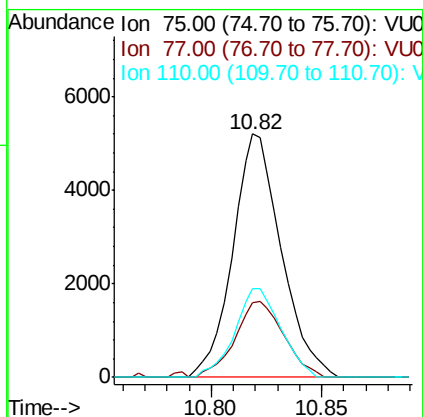
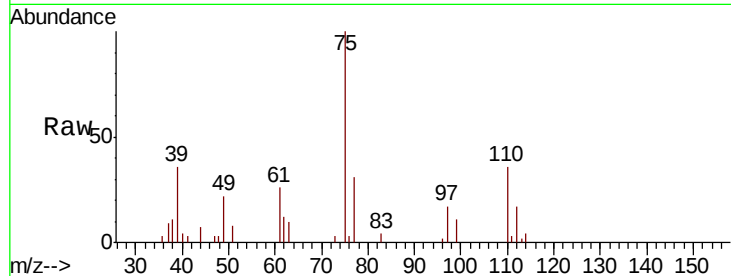


#60  
 1,2,3-Trichloropropane  
 Concen: 2.839 ug/L  
 RT: 10.82 min Scan# 2948  
 Delta R.T. -0.00 min  
 Lab File: VU040549.D  
 Acq: 07 Oct 2020 17:03

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL-WATER-06

Tot Ion: 75 Resp: 7934  

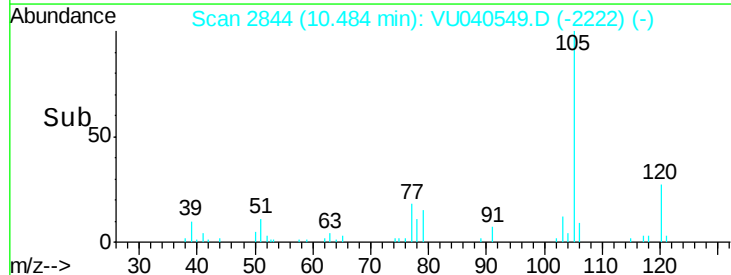
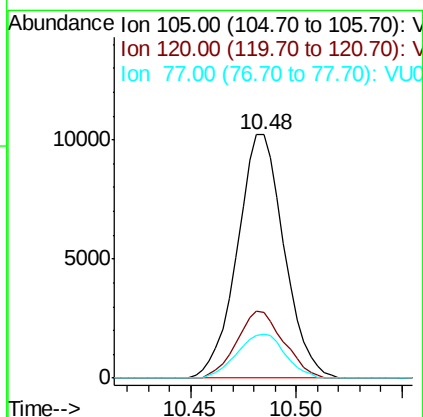
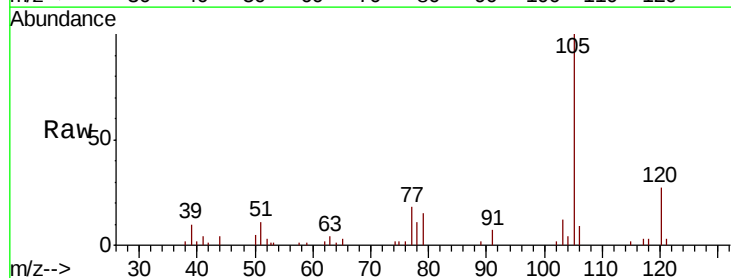
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 31.4  | 26.4  | 39.6  |
| 110 | 34.7  | 30.1  | 45.1  |

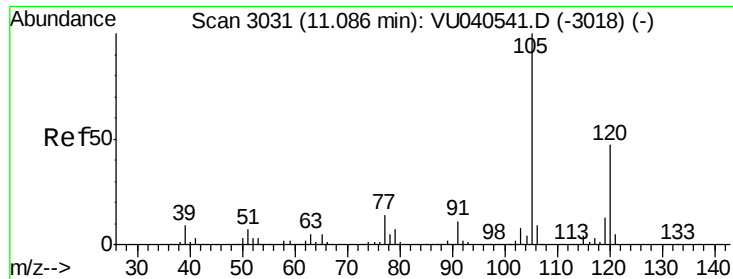


#61  
 Isopropylbenzene  
 Concen: 1.912 ug/L  
 RT: 10.48 min Scan# 2844  
 Delta R.T. -0.00 min  
 Lab File: VU040549.D  
 Acq: 07 Oct 2020 17:03

Tgt Ion: 105 Resp: 15800  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 27.3  | 20.7  | 31.1  |
| 77  | 18.5  | 13.8  | 20.8  |





#62

1,3,5-Trimethylbenzene

Concen: 1.845 ug/L

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

Instrument :

MSVOA\_U

ClientSampleId :

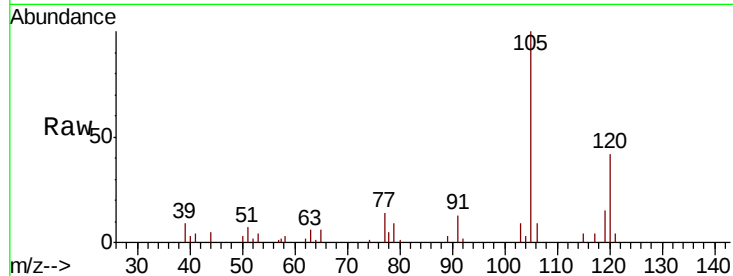
MDL-WATER-06

Tot Ion:105 Resp: 12524

Ion Ratio Lower Upper

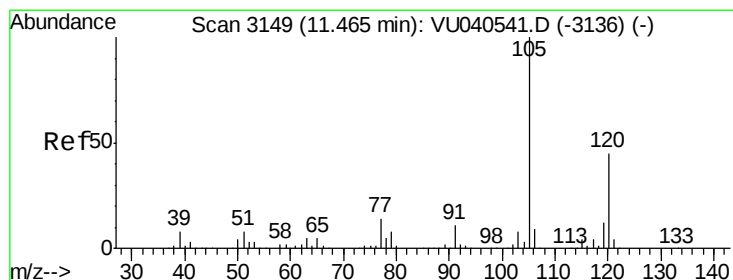
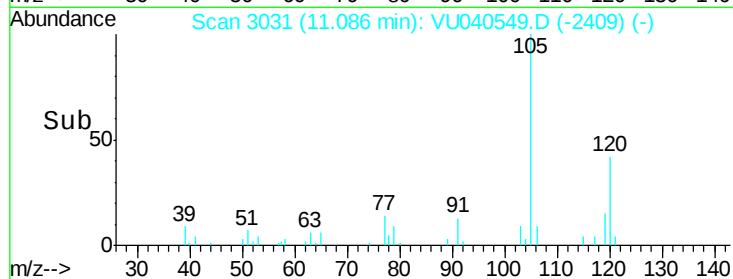
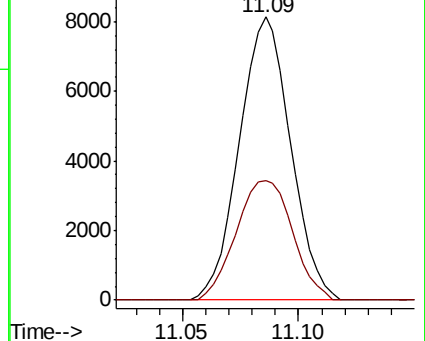
105 100

120 46.4 38.6 58.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#63

1,2,4-Trimethylbenzene

Concen: 1.682 ug/L

RT: 11.47 min Scan# 3149

Delta R.T. -0.00 min

Lab File: VU040549.D

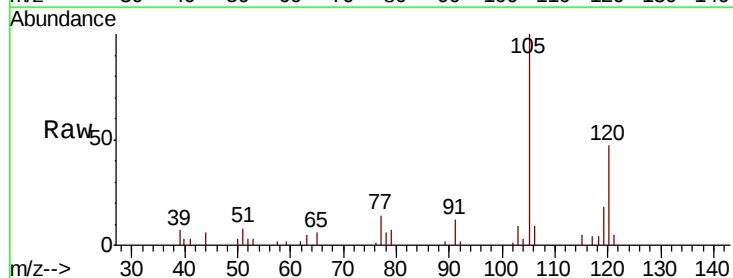
Acq: 07 Oct 2020 17:03

Tgt Ion:105 Resp: 11577

Ion Ratio Lower Upper

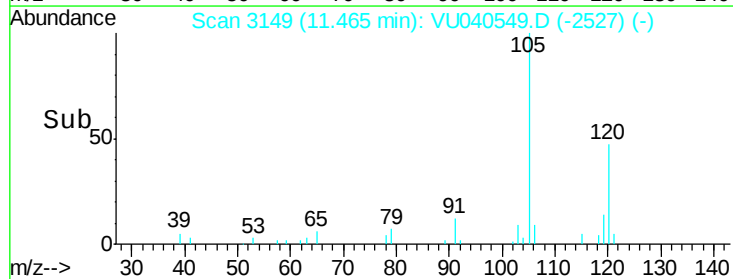
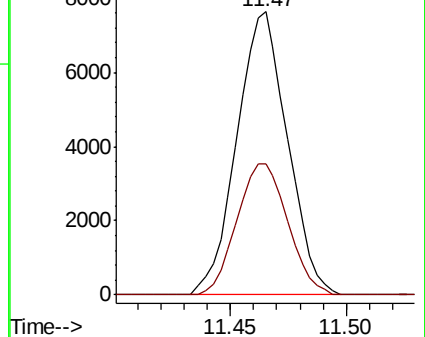
105 100

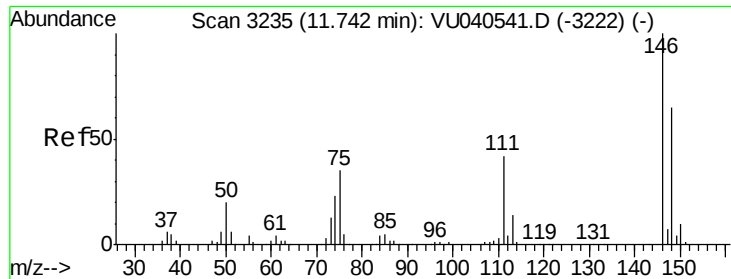
120 46.5 35.7 53.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#64

1,3-Dichlorobenzene

Concen: 2.400 ug/L

RT: 11.74 min Scan# 3235

Delta R.T. -0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

Instrument :

MSVOA\_U

ClientSampleId :

MDL-WATER-06

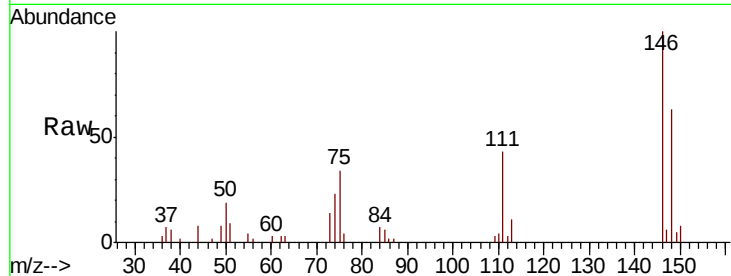
Tot Ion:146 Resp: 9667

Ion Ratio Lower Upper

146 100

111 43.4 30.8 57.2

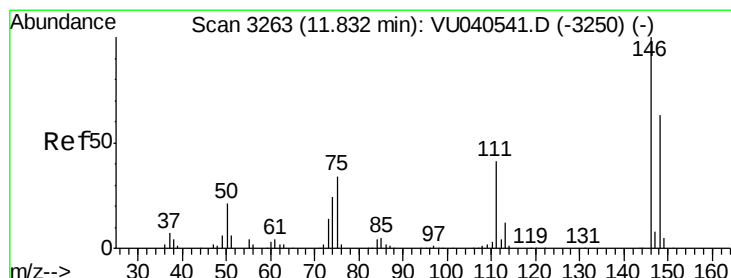
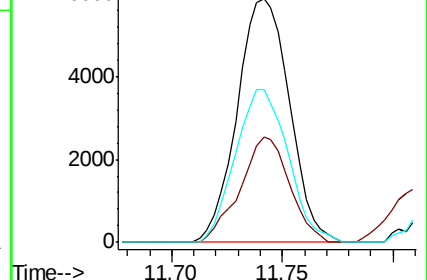
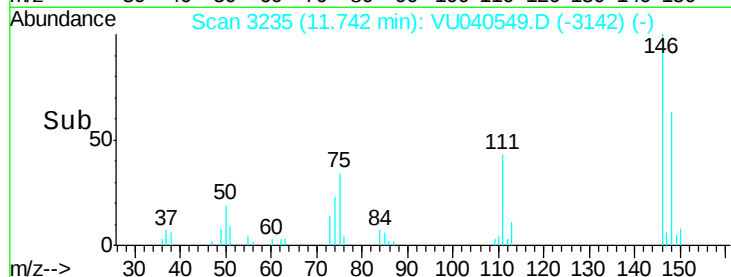
148 62.5 45.4 84.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,4-Dichlorobenzene

Concen: 2.404 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. -0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

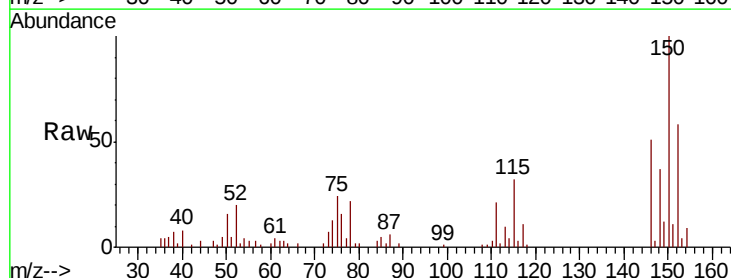
Tgt Ion:146 Resp: 10171

Ion Ratio Lower Upper

146 100

111 41.2 28.7 53.3

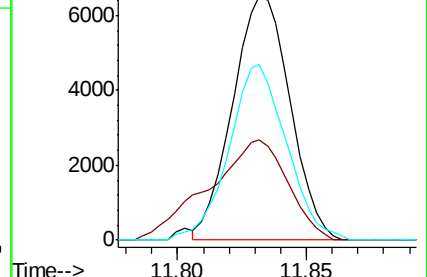
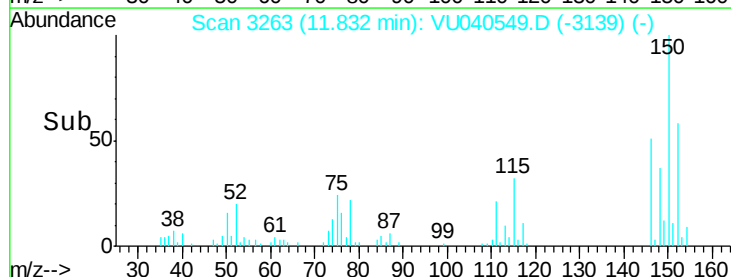
148 72.4 44.1 81.9

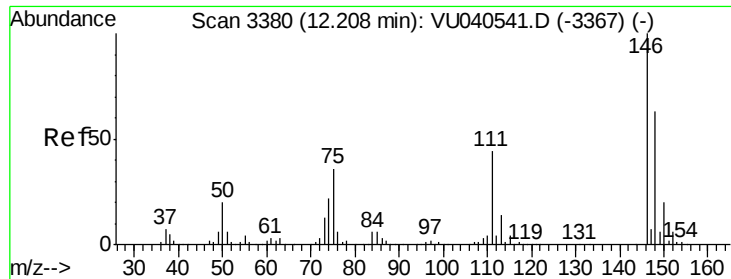


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

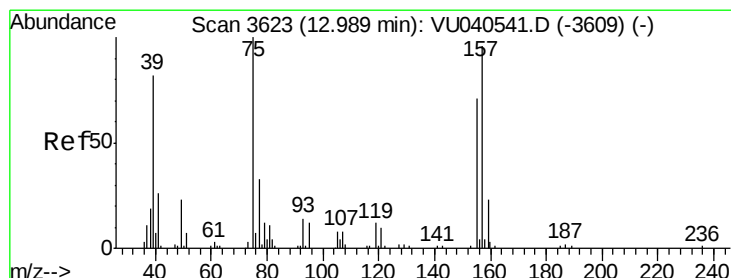
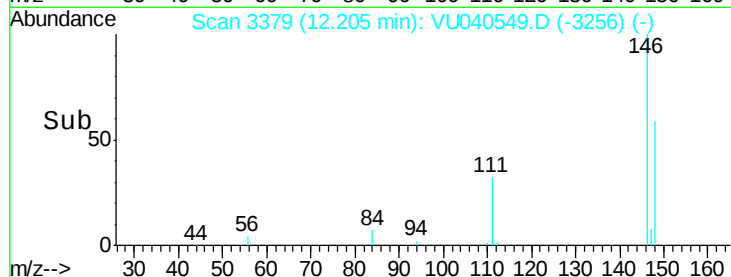
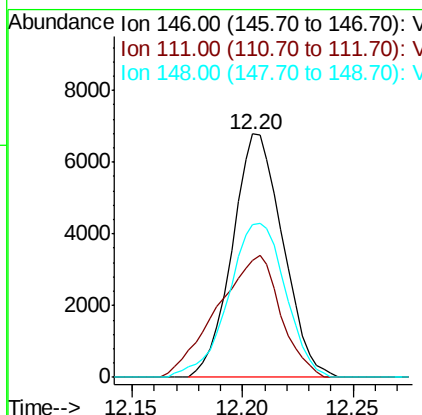
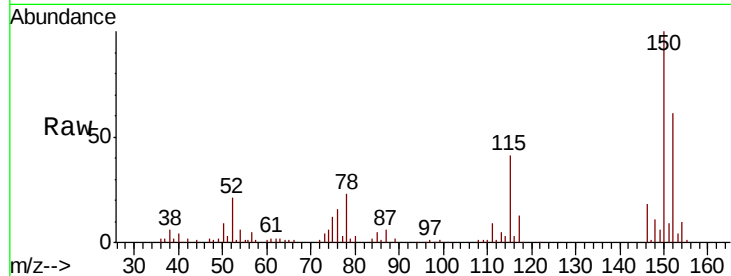




#67  
 1,2-Dichlorobenzene  
 Concen: 2.677 ug/L  
 RT: 12.20 min Scan# 3379  
 Delta R.T. -0.00 min  
 Lab File: VU040549.D  
 Acq: 07 Oct 2020 17:03

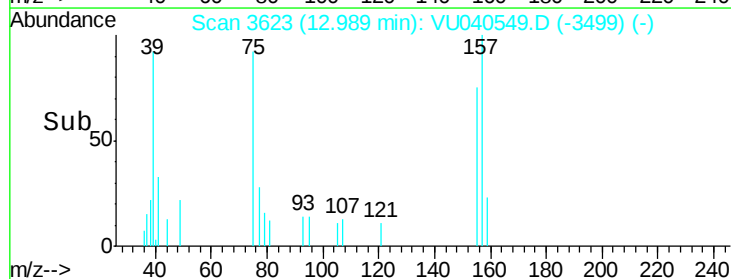
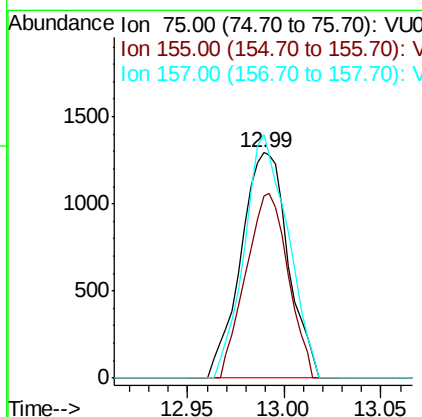
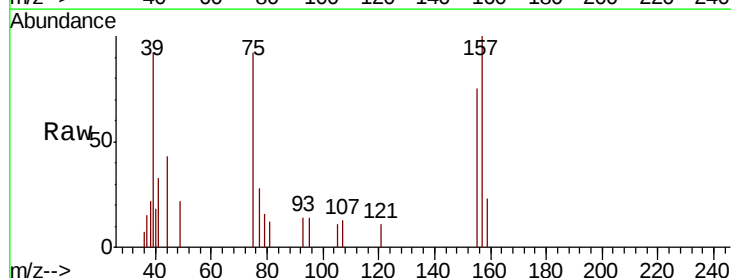
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL-WATER-06

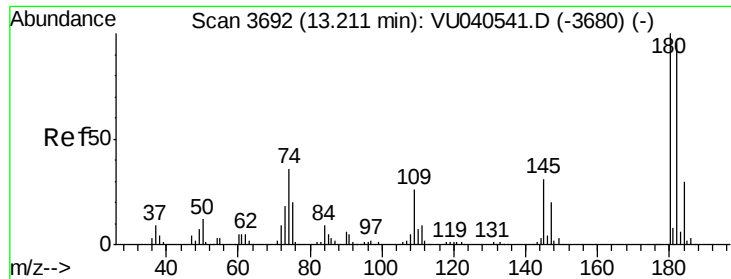
Tot Ion:146 Resp: 10805  
 Ion Ratio Lower Upper  
 146 100  
 111 48.2 35.7 53.5  
 148 62.7 50.6 75.8



#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 2.794 ug/L  
 RT: 12.99 min Scan# 3623  
 Delta R.T. -0.00 min  
 Lab File: VU040549.D  
 Acq: 07 Oct 2020 17:03

Tgt Ion: 75 Resp: 2194  
 Ion Ratio Lower Upper  
 75 100  
 155 80.7 61.0 91.6  
 157 108.1 73.5 110.3

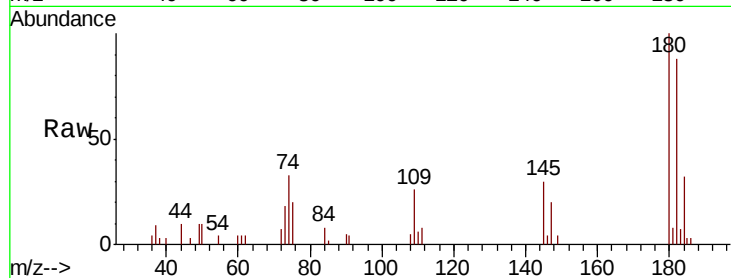




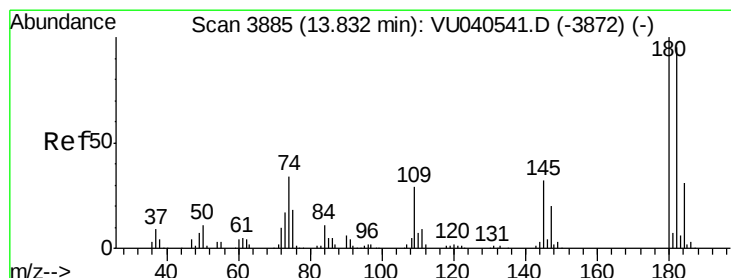
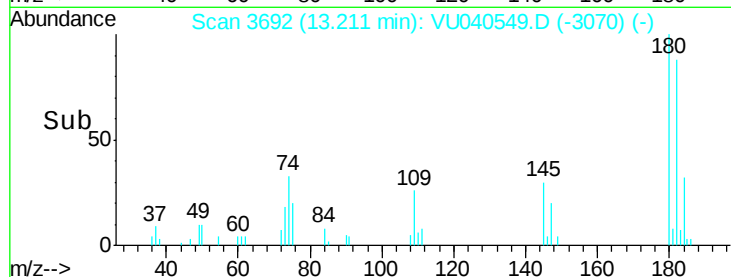
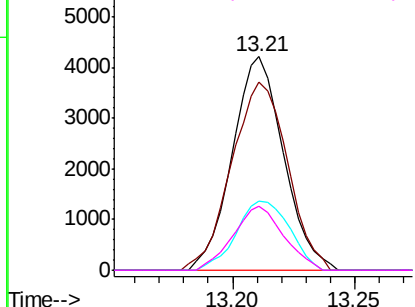
#69  
 1,3,5-Trichlorobenzene  
 Concen: 2.326 ug/L  
 RT: 13.21 min Scan# 3692  
 Delta R.T. -0.00 min  
 Lab File: VU040549.D  
 Acq: 07 Oct 2020 17:03

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL-WATER-06

Tot Ion:180 Resp: 6139  
 Ion Ratio Lower Upper  
 180 100  
 182 95.9 76.9 115.3  
 184 33.7 24.2 36.2  
 145 29.6 25.4 38.2

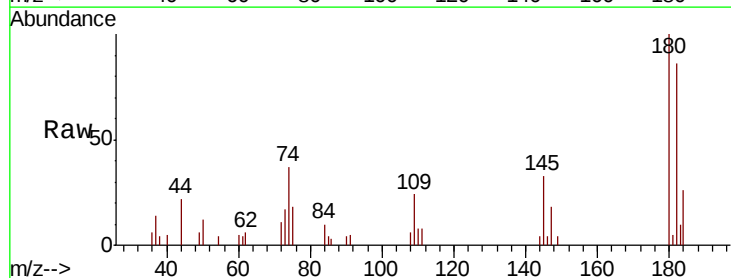


Abundance Ion 180.00 (179.70 to 180.70): V  
 Ion 182.00 (181.70 to 182.70): V  
 Ion 184.00 (183.70 to 184.70): V  
 Ion 145.00 (144.70 to 145.70): V

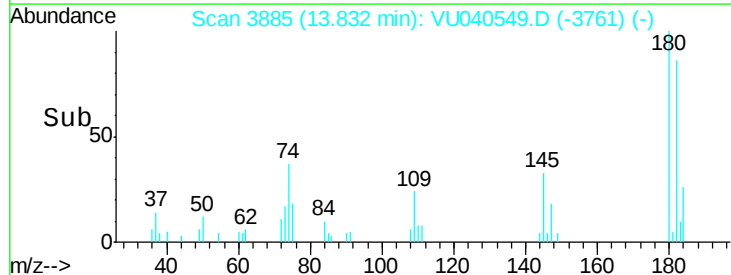
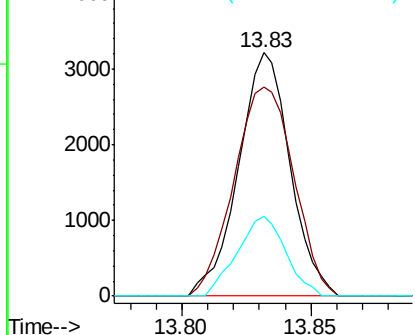


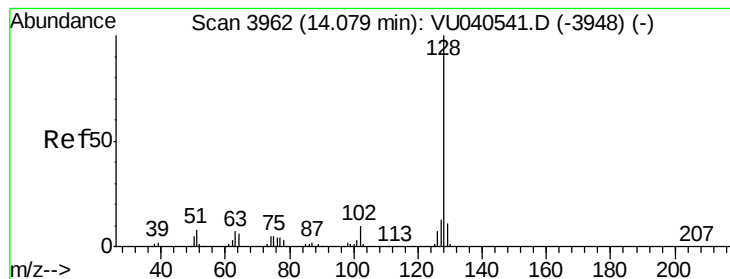
#70  
 1,2,4-trichlorobenzene  
 Concen: 1.954 ug/L  
 RT: 13.83 min Scan# 3885  
 Delta R.T. -0.00 min  
 Lab File: VU040549.D  
 Acq: 07 Oct 2020 17:03

Tgt Ion:180 Resp: 4471  
 Ion Ratio Lower Upper  
 180 100  
 182 99.6 75.0 112.6  
 145 30.8 25.9 38.9



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





#71

Naphthalene

Concen: 1.250 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

Instrument :

MSVOA\_U

ClientSampleId :

MDL-WATER-06

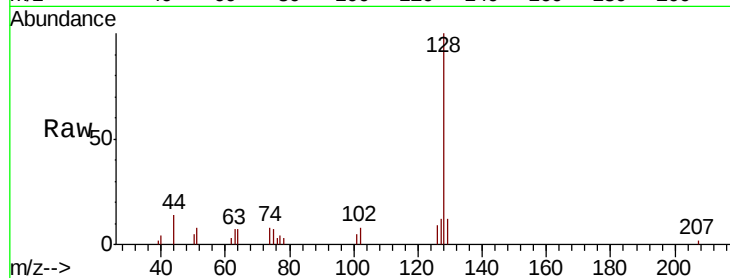
Tot Ion:128 Resp: 8838

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

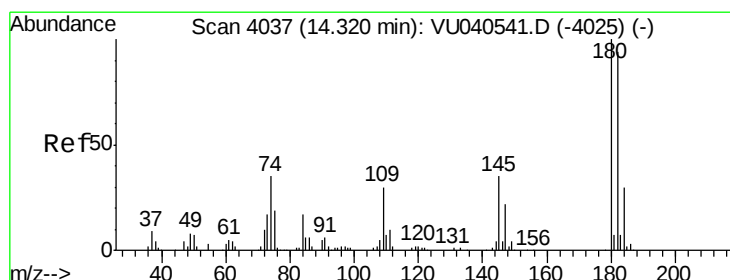
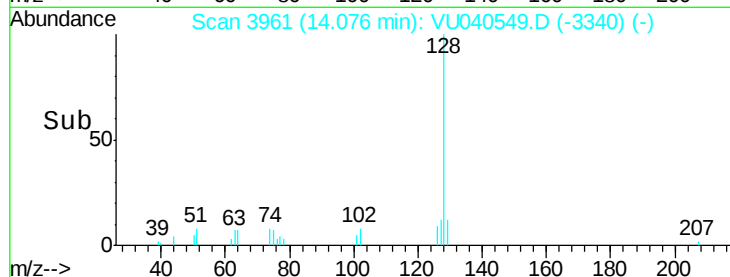
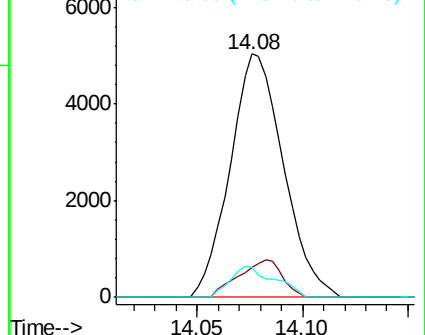
129 8.3 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#72

1,2,3-Trichlorobenzene

Concen: 1.821 ug/L

RT: 14.32 min Scan# 4037

Delta R.T. -0.00 min

Lab File: VU040549.D

Acq: 07 Oct 2020 17:03

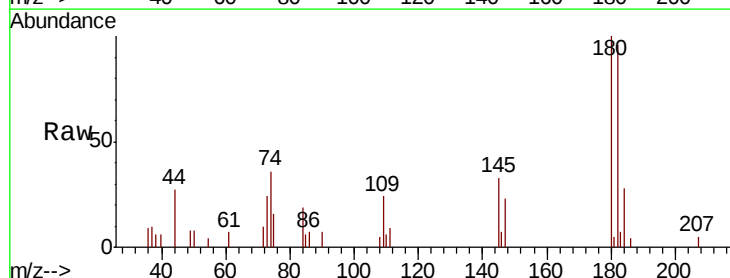
Tgt Ion:180 Resp: 4135

Ion Ratio Lower Upper

180 100

182 95.8 77.7 116.5

145 36.5 28.4 42.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

