

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070120\  
 Data File : VV017294.D  
 Acq On : 01 Jul 2020 17:10  
 Operator : SY/MD  
 Sample : L3150-13  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETYJ8

Quant Time: Jul 02 03:08:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR061720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jul 02 03:02:49 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 48950    | 5.00 | ug/L  | 0.02     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 183046   | 5.00 | ug/L  | 0.02     |
| 61) 1,4-Dichlorobenzene-d4 | 11.28 | 152  | 90374    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |           |
|--------------------------------|--------|-------|----------|----------|------|-----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 46551    | 15.84    | ug/L | 0.00      |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 316.80%#  |
| 7) Chloroethane-d5             | 1.58   | 69    | 39016    | 18.27    | ug/L | 0.00      |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 365.40%#  |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 756586   | 135.32   | ug/L | 0.02      |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 2706.40%# |
| 20) 2-Butanone-d5              | 3.97   | 46    | 122762   | 163.95   | ug/L | 0.02      |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 327.90%#  |
| 24) Chloroform-d               | 4.40   | 84    | 116853   | 18.59    | ug/L | 0.03      |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 371.80%#  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 67762    | 20.34    | ug/L | 0.03      |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 406.80%#  |
| 32) Benzene-d6                 | 5.11   | 84    | 85256    | 1.80     | ug/L | 0.04      |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 36.00%#   |
| 36) 1,2-Dichloropropane-d6     | 6.03   | 67    | 828147   | 58.25    | ug/L | -0.06     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 1165.00%# |
| 41) Toluene-d8                 | 7.38   | 98    | 216956   | 4.87     | ug/L | 0.05      |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.40%    |
| 45) trans-1,3-Dichloropropene- | 7.68   | 79    | 31248    | 5.28     | ug/L | 0.03      |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 105.60%   |
| 48) 2-Hexanone-d5              | 8.13   | 63    | 123406   | 54.70    | ug/L | 0.02      |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 109.40%   |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 52497    | 5.56     | ug/L | 0.00      |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 111.20%   |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 86199    | 5.16     | ug/L | 0.00      |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.20%   |

## Target Compounds

|                                |      |     |          |                | Ovalue |
|--------------------------------|------|-----|----------|----------------|--------|
| 3) Chloromethane               | 1.25 | 50  | 1059     | 0.320 ug/L #   | 77     |
| 5) Vinyl chloride              | 1.32 | 62  | 365229   | 113.705 ug/L   | 98     |
| 8) Chloroethane                | 1.59 | 64  | 30174    | 16.998 ug/L #  | 53     |
| 9) Trichlorofluoromethane      | 1.77 | 101 | 6460     | 1.242 ug/L     | 100    |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.14 | 101 | 383262   | 147.833 ug/L   | 98     |
| 12) 1,1-Dichloroethene         | 2.14 | 96  | 1175752  | 500.474 ug/L # | 65     |
| 13) Acetone                    | 2.22 | 43  | 11520    | 30.436 ug/L    | 67     |
| 14) Carbon disulfide           | 2.33 | 76  | 3090     | 0.439 ug/L #   | 89     |
| 15) Methyl Acetate             | 2.51 | 43  | 394      | 0.426 ug/L #   | 87     |
| 16) Methylene chloride         | 2.53 | 84  | 85111    | 33.830 ug/L    | 99     |
| 18) trans-1,2-Dichloroethene   | 2.79 | 96  | 314315   | 126.258 ug/L   | 97     |
| 19) 1,1-Dichloroethane         | 3.23 | 63  | 1756945  | 314.102 ug/L   | 98     |
| 21) 2-Butanone                 | 4.04 | 43  | 6514     | 9.130 ug/L #   | 50     |
| 25) Chloroform                 | 4.42 | 83  | 33872    | 5.544 ug/L     | 92     |
| 27) 1,2-Dichloroethane         | 5.18 | 62  | 23639    | 6.228 ug/L #   | 94     |
| 29) 1,1,1-Trichloroethane      | 4.67 | 97  | 25234455 | 1150.672 ug/L  | 98     |
| 31) Carbon tetrachloride       | 4.67 | 117 | 3047093  | 153.985 ug/L   | 99     |

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 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETYJ8

Quant Time: Jul 02 03:08:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR061720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jul 02 03:02:49 2020  
 Response via : Initial Calibration

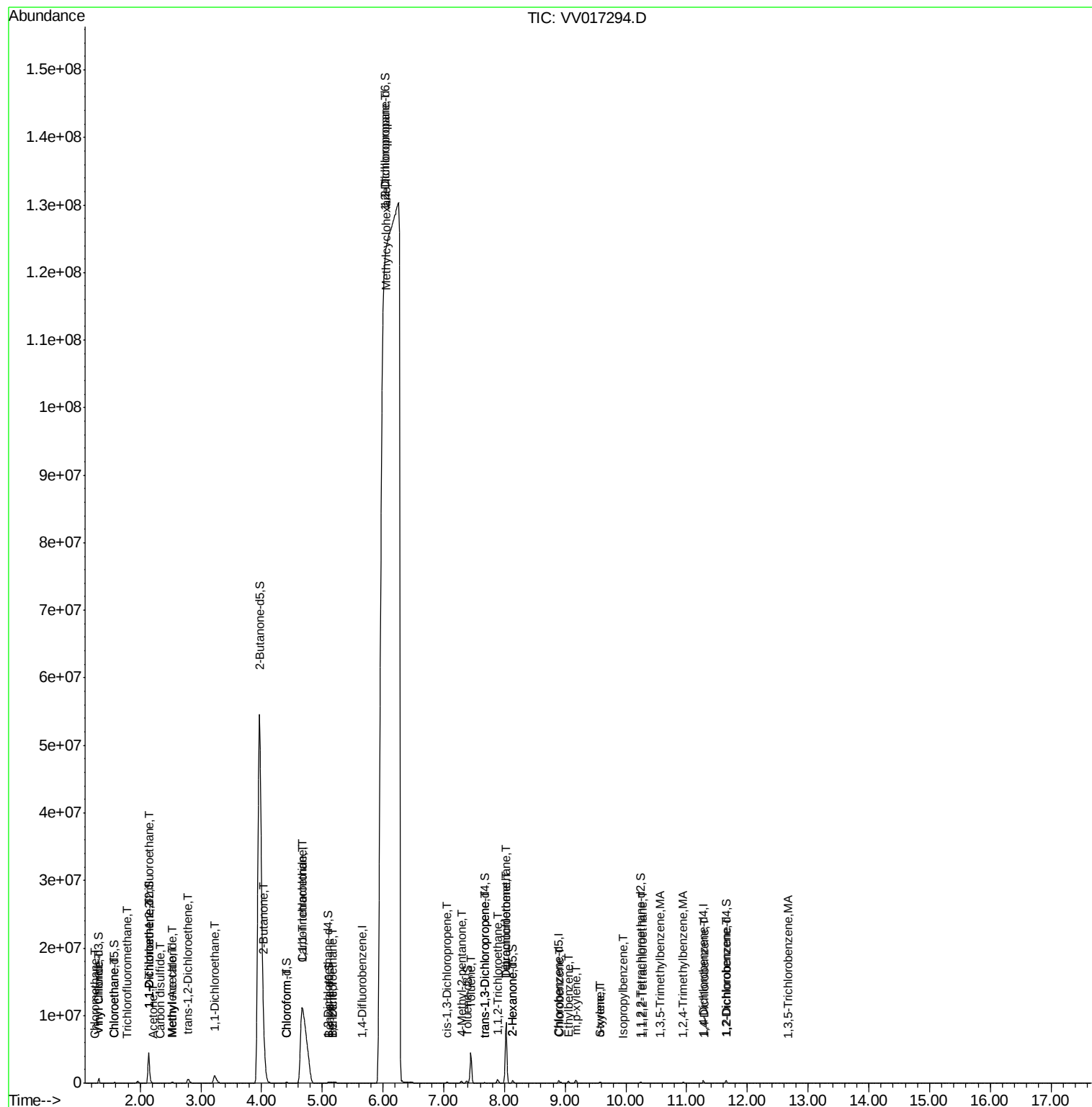
| Internal Standards            | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|-------|------|----------|---------|--------|----------|
| -----                         |       |      |          |         |        |          |
| 33) Benzene                   | 5.15  | 78   | 28454    | 0.594   | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.05  | 83   | 2675649  | 122.619 | ug/L # | 1        |
| 37) 1,2-Dichloropropane       | 6.03  | 63   | 642973   | 54.185  | ug/L # | 84       |
| 39) cis-1,3-Dichloropropene   | 7.05  | 75   | 2569     | 0.146   | ug/L # | 75       |
| 40) 4-Methyl-2-pentanone      | 7.29  | 43   | 204282   | 29.816  | ug/L   | 98       |
| 42) Toluene                   | 7.45  | 91   | 3372043  | 60.505  | ug/L   | 98       |
| 43) 1,3,5-Trimethylbenzene    | 10.57 | 105  | 13612    | 0.273   | ug/L   | 98       |
| 44) 1,2,4-Trimethylbenzene    | 10.94 | 105  | 37354    | 0.736   | ug/L   | 97       |
| 46) trans-1,3-Dichloropropene | 7.68  | 75   | 1621     | 0.106   | ug/L # | 54       |
| 47) 1,1,2-Trichloroethane     | 7.89  | 97   | 172119   | 20.450  | ug/L   | 97       |
| 49) Tetrachloroethene         | 8.03  | 164  | 2144815  | 189.840 | ug/L   | 99       |
| 50) 2-Hexanone                | 8.13  | 43   | 20287    | 4.161   | ug/L # | 69       |
| 51) Dibromochloromethane      | 8.03  | 129  | 2017646  | 197.767 | ug/L # | 11       |
| 53) Chlorobenzene             | 8.92  | 112  | 88012    | 2.533   | ug/L   | 96       |
| 54) Ethylbenzene              | 9.05  | 91   | 143479   | 2.412   | ug/L   | 98       |
| 55) m,p-xylene                | 9.17  | 106  | 118976   | 5.099   | ug/L   | 99       |
| 56) o-xylene                  | 9.58  | 106  | 48916    | 2.247   | ug/L   | 99       |
| 57) Styrene                   | 9.58  | 104  | 3853     | 0.107   | ug/L # | 1        |
| 58) Isopropylbenzene          | 9.96  | 105  | 6500     | 0.108   | ug/L # | 93       |
| 60) 1,1,2,2-Tetrachloroethane | 10.28 | 83   | 7163     | 0.823   | ug/L   | 84       |
| 64) 1,4-Dichlorobenzene       | 11.30 | 146  | 1999     | 0.072   | ug/L # | 83       |
| 66) 1,2-Dichlorobenzene       | 11.67 | 146  | 2116     | 0.086   | ug/L # | 62       |
| 68) 1,3,5-Trichlorobenzene    | 12.68 | 180  | 1114     | 0.051   | ug/L # | 89       |
| -----                         |       |      |          |         |        |          |

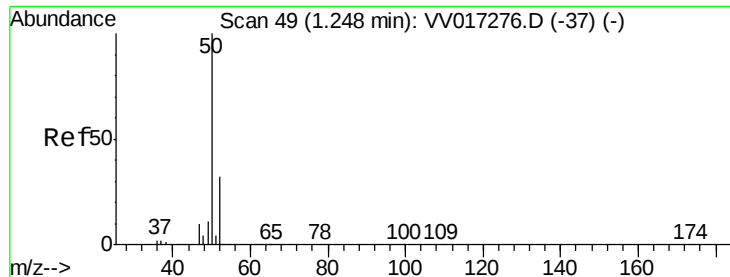
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Jul 02 03:02:49 2020  
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.320 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

Instrument :

MSVOA\_V

ClientSampleId :

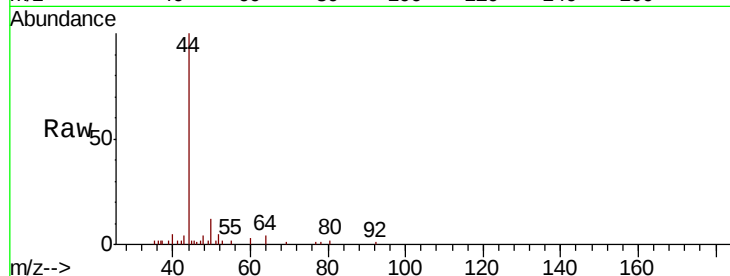
ETYJ8

Tot Ion: 50 Resp: 1059

Ion Ratio Lower Upper

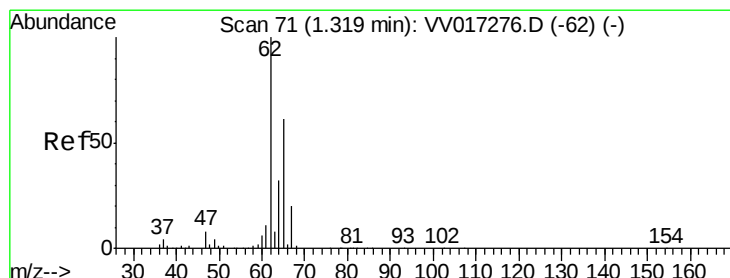
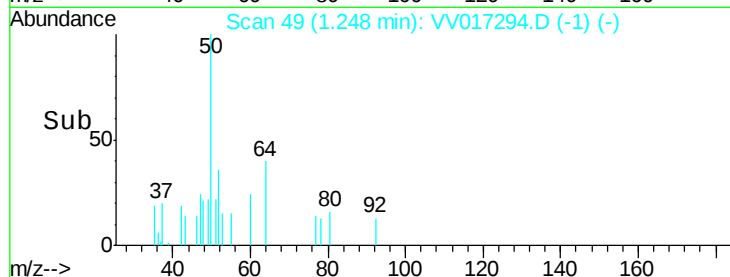
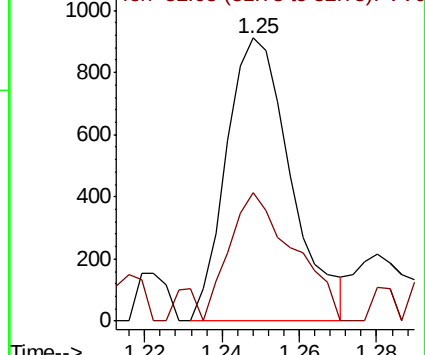
50 100

52 45.2 22.5 41.9#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 113.705 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017294.D

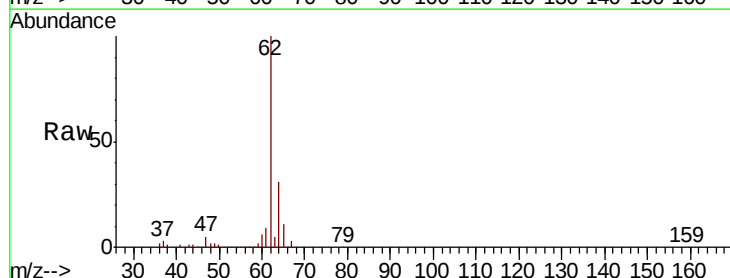
Acq: 01 Jul 2020 17:10

Tgt Ion: 62 Resp: 365229

Ion Ratio Lower Upper

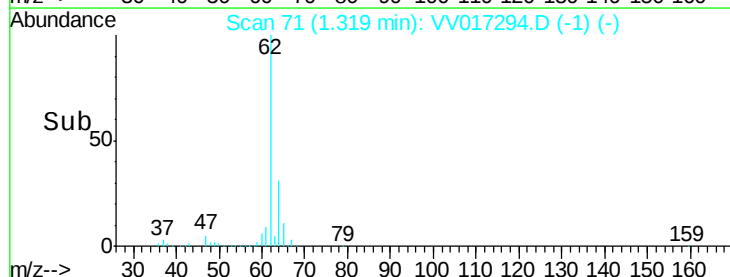
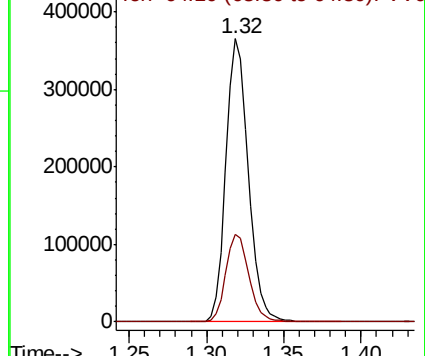
62 100

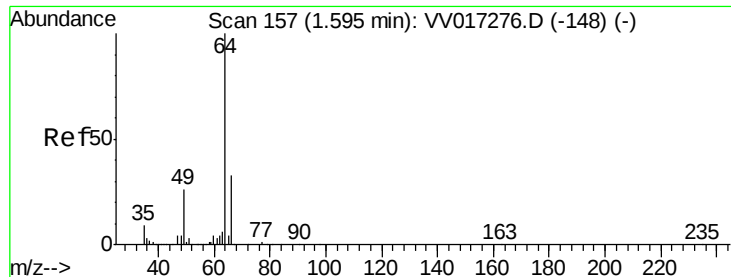
64 31.1 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0





#8

Chloroethane

Concen: 16.998 ug/L

RT: 1.59 min Scan# 154

Delta R.T. -0.01 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

Instrument :

MSVOA\_V

ClientSampled :

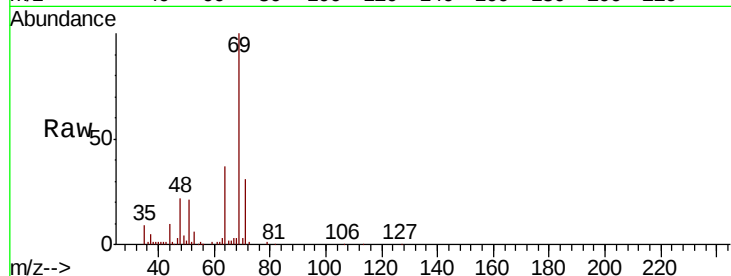
ETYJ8

Tot Ion: 64 Resp: 30174

Ion Ratio Lower Upper

64 100

66 6.1 22.8 42.4#



Abundance Ion 64.10 (63.80 to 64.80): VV017276.D (-148) (-)

Ion 66.05 (65.75 to 66.75): VV017294.D (-64) (-)

10000

8000

6000

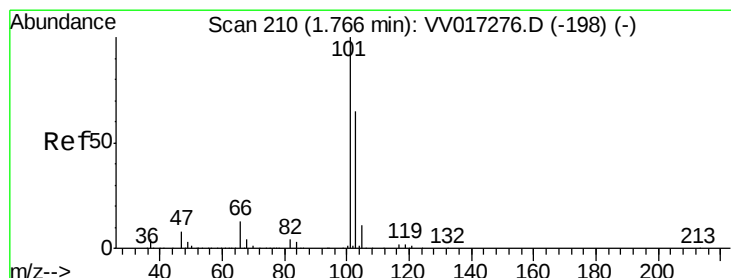
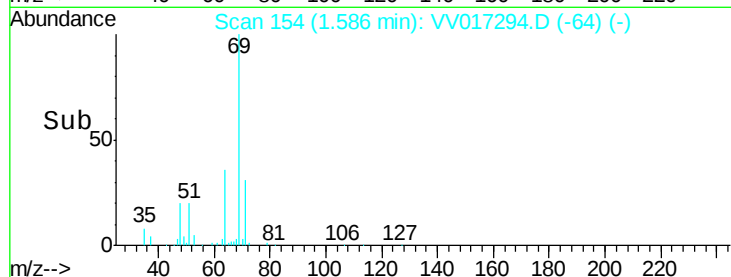
4000

2000

0

1.50 1.55 1.60 1.65

Time-->



#9

Trichlorofluoromethane

Concen: 1.242 ug/L

RT: 1.77 min Scan# 211

Delta R.T. 0.00 min

Lab File: VV017294.D

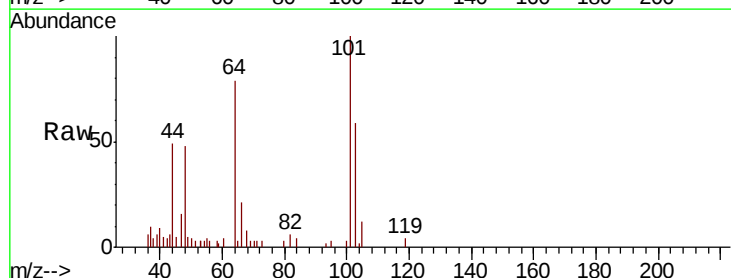
Acq: 01 Jul 2020 17:10

Tgt Ion: 101 Resp: 6460

Ion Ratio Lower Upper

101 100

103 63.5 50.9 76.3



Abundance Ion 101.00 (100.70 to 101.70): VV017276.D (-198) (-)

Ion 103.00 (102.70 to 103.70): VV017294.D (-117) (-)

5000

4000

3000

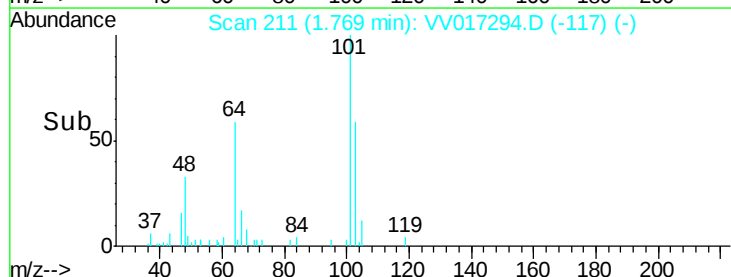
2000

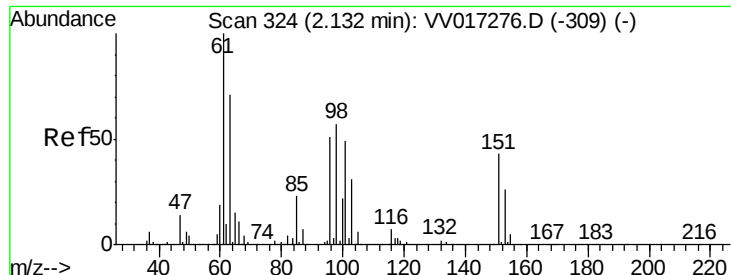
1000

0

1.70 1.75 1.80

Time-->





#10

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

Concen: 147.833 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.01 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

Instrument :

MSVOA\_V

ClientSampleId :

ETYJ8

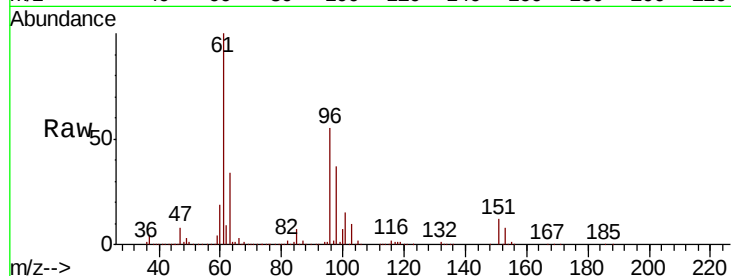
Tot Ion:101 Resp: 383262

Ion Ratio Lower Upper

101 100

85 45.7 35.4 53.2

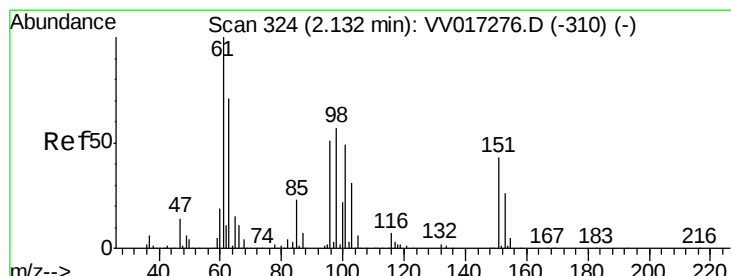
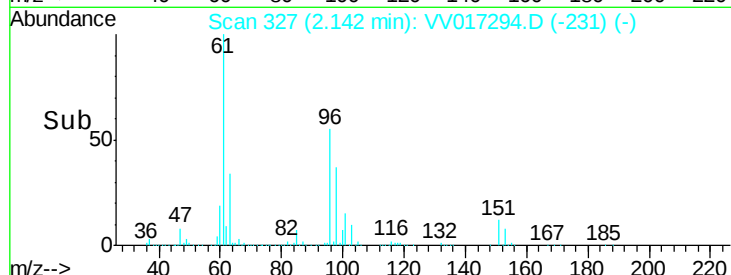
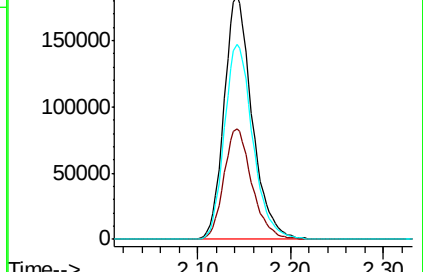
151 81.7 63.9 95.9



Abundance Ion 101.00 (100.70 to 101.70): VV017294.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV017294.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV017294.D (-231) (-)



#12

1,1-Dichloroethene

Concen: 500.474 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.01 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

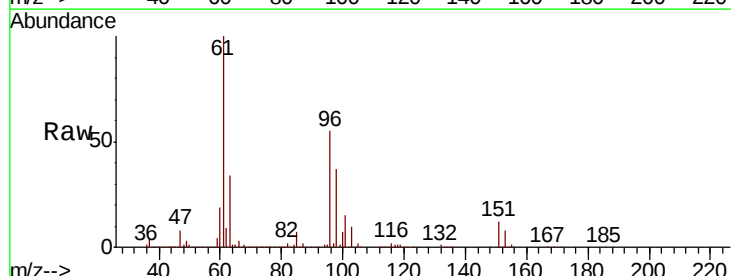
Tgt Ion: 96 Resp: 1175752

Ion Ratio Lower Upper

96 100

61 181.2 125.0 232.2

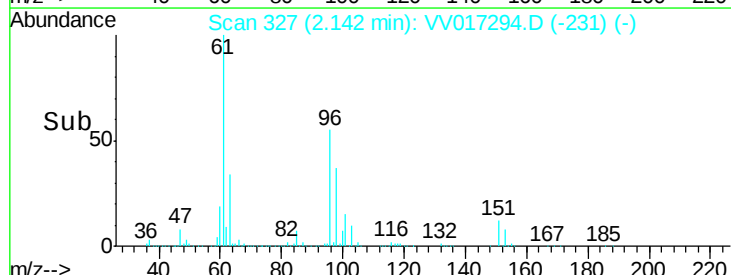
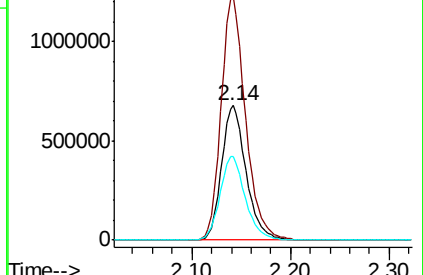
63 62.2 109.8 203.8#

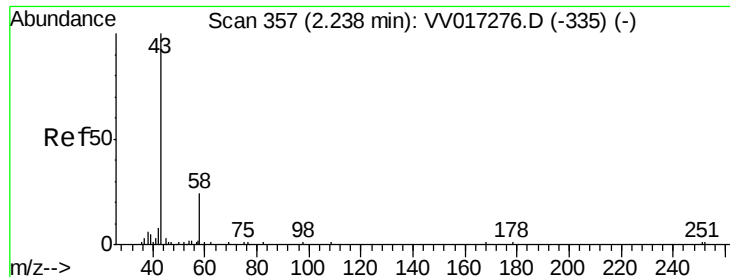


Abundance Ion 96.00 (95.70 to 96.70): VV017294.D (-231) (-)

Ion 61.05 (60.75 to 61.75): VV017294.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV017294.D (-231) (-)





#13

Acetone

Concen: 30.436 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.02 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

Instrument :

MSVOA\_V

ClientSampleId :

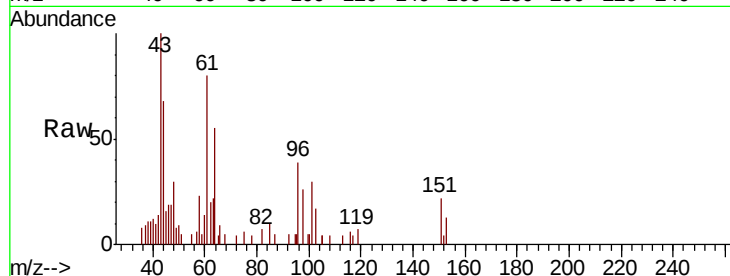
ETYJ8

Tot Ion: 43 Resp: 11520

Ion Ratio Lower Upper

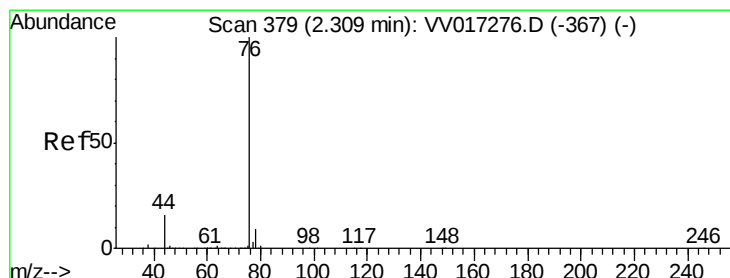
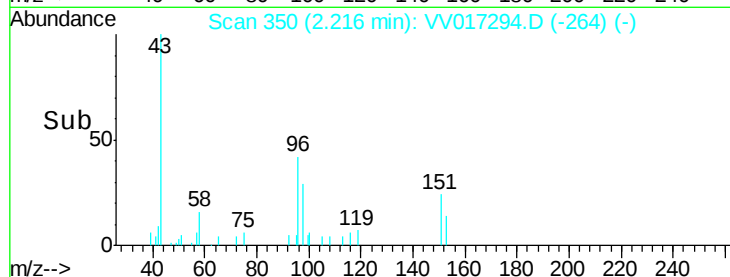
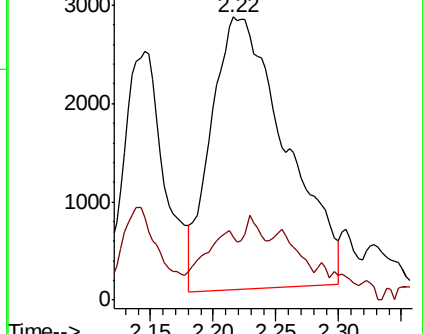
43 100

58 11.5 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.439 ug/L

RT: 2.33 min Scan# 385

Delta R.T. 0.02 min

Lab File: VV017294.D

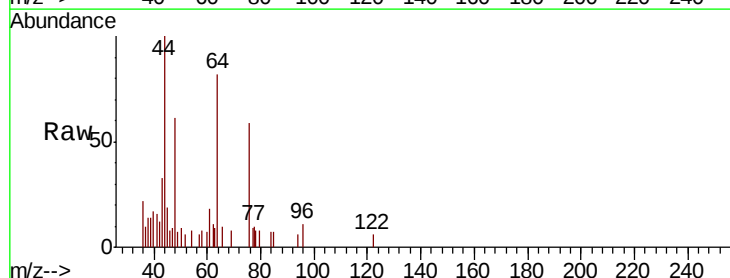
Acq: 01 Jul 2020 17:10

Tgt Ion: 76 Resp: 3090

Ion Ratio Lower Upper

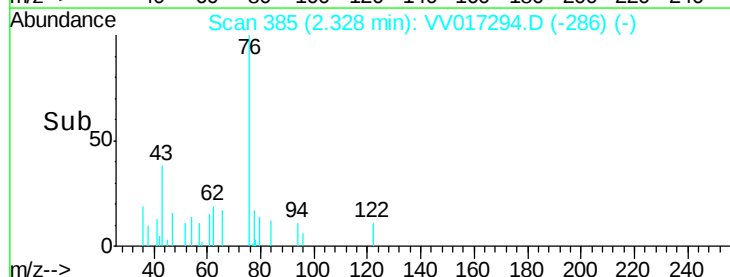
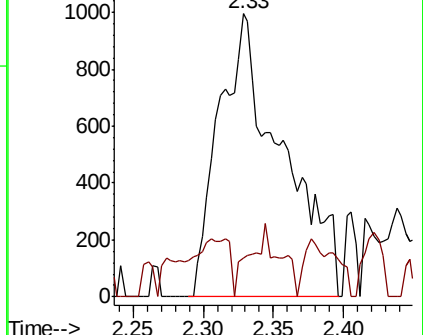
76 100

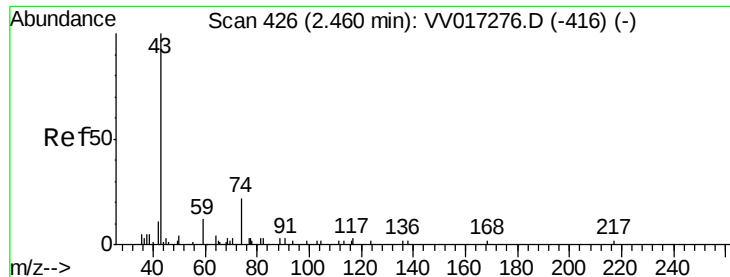
78 13.8 7.7 11.5#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0





#15

Methvl Acetate

Concen: 0.426 ug/L

RT: 2.51 min Scan# 443

Delta R.T. 0.05 min

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Acq: 01 Jul 2020 17:10

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MSVOA\_V

ClientSampleId :

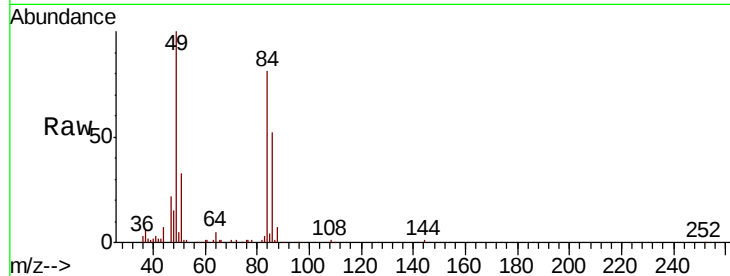
ETYJ8

Tot Ion: 43 Resp: 394

Ion Ratio Lower Upper

43 100

74 17.5 19.1 28.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.51

400

300

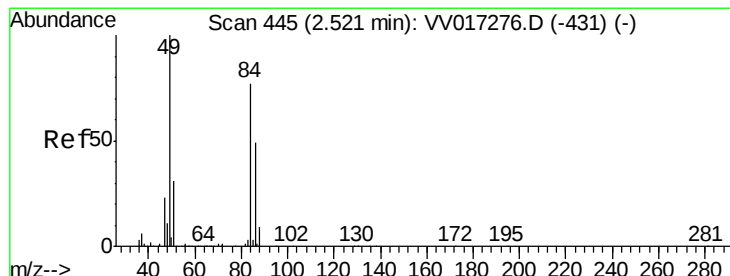
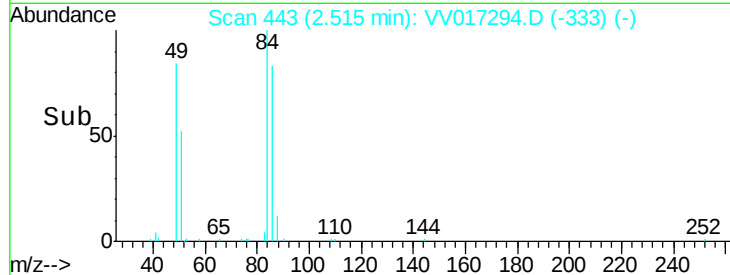
200

100

0

2.48 2.50 2.52 2.54

Time-->



#16

Methylene chloride

Concen: 33.830 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.01 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

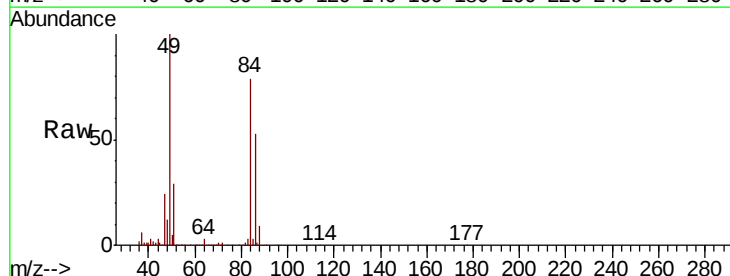
Tgt Ion: 84 Resp: 85111

Ion Ratio Lower Upper

84 100

86 66.6 45.8 85.0

49 126.5 89.6 166.4



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

60000

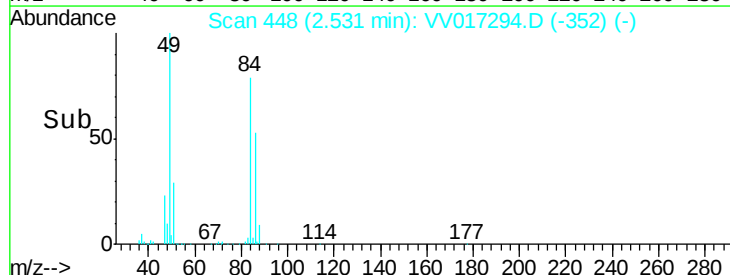
40000

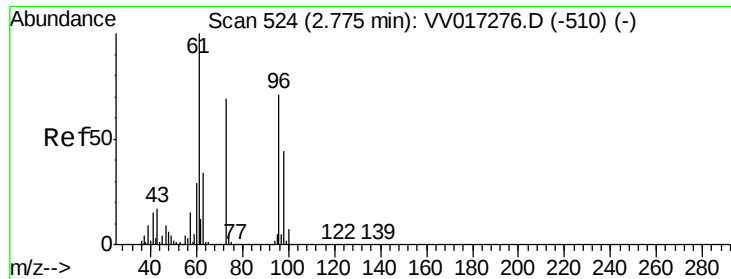
20000

0

2.50 2.53 2.56

Time-->

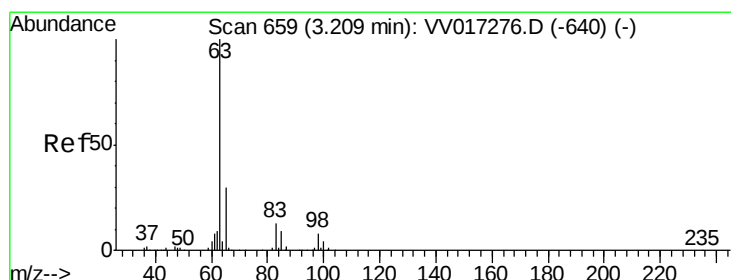
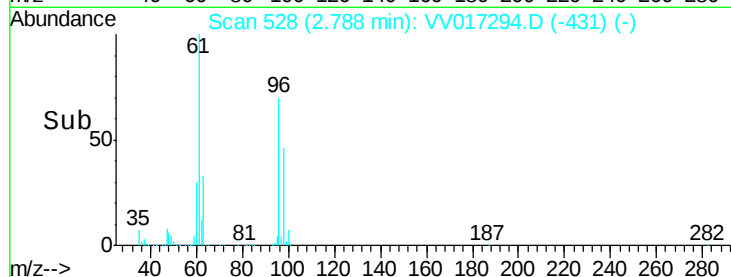
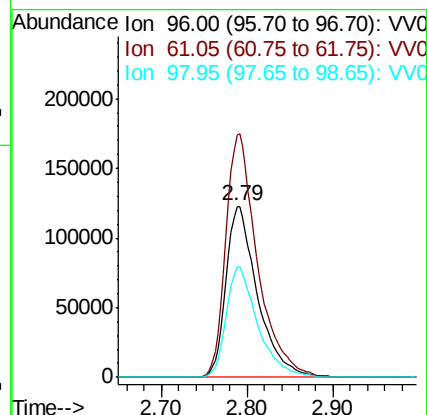
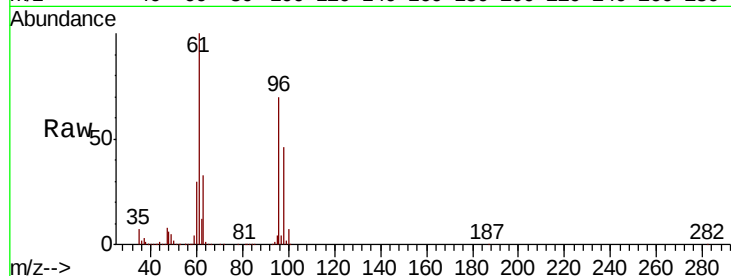




#18  
trans-1,2-Dichloroethene  
Concen: 126.258 ug/L  
RT: 2.79 min Scan# 528  
Delta R.T. 0.01 min  
Lab File: VV017294.D  
Acq: 01 Jul 2020 17:10

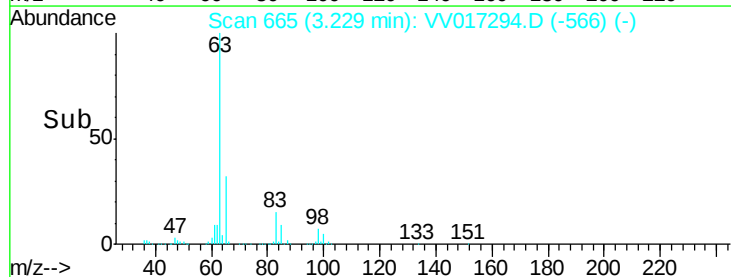
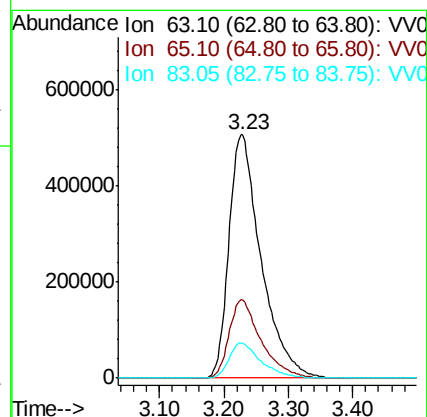
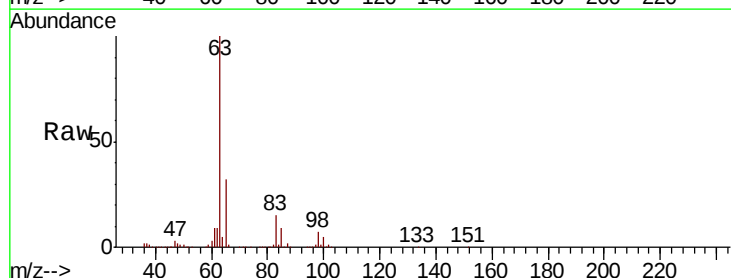
Instrument :  
MSVOA\_V  
ClientSampleId :  
ETYJ8

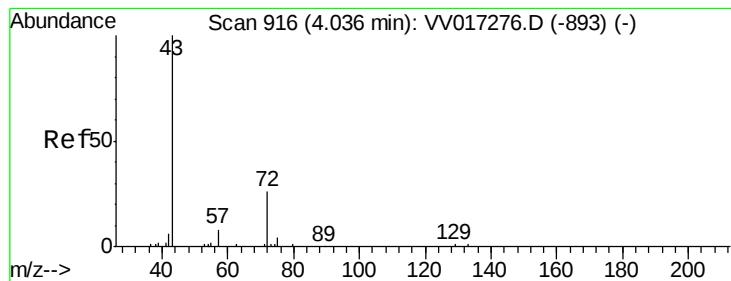
Tot Ion: 96 Resp: 314315  
Ion Ratio Lower Upper  
96 100  
61 142.3 102.3 189.9  
98 65.1 44.7 82.9



#19  
1,1-Dichloroethane  
Concen: 314.102 ug/L  
RT: 3.23 min Scan# 665  
Delta R.T. 0.02 min  
Lab File: VV017294.D  
Acq: 01 Jul 2020 17:10

Tgt Ion: 63 Resp: 1756945  
Ion Ratio Lower Upper  
63 100  
65 32.2 21.8 40.4  
83 14.6 9.7 17.9





#21

2-Butanone

Concen: 9.130 ug/L

RT: 4.04 min Scan# 916

Delta R.T. 0.00 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

Instrument :

MSVOA\_V

ClientSampled :

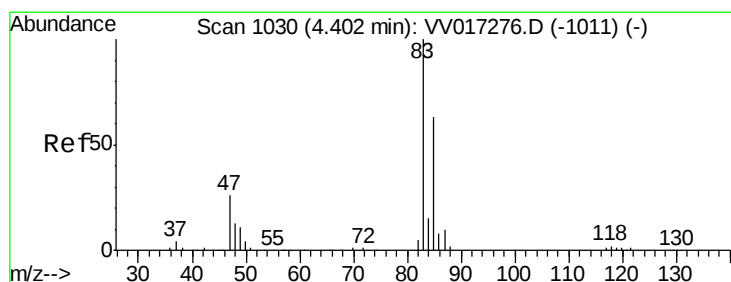
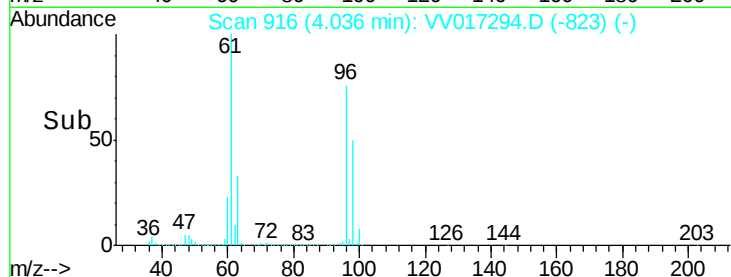
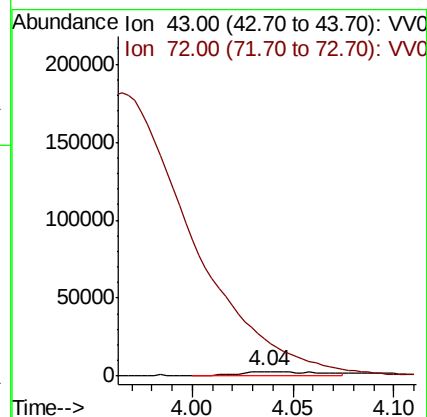
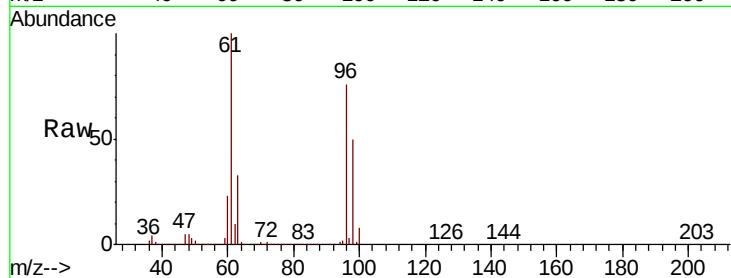
ETYJ8

Tot Ion: 43 Resp: 6514

Ion Ratio Lower Upper

43 100

72 0.0 12.4 37.4#



#25

Chloroform

Concen: 5.544 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.02 min

Lab File: VV017294.D

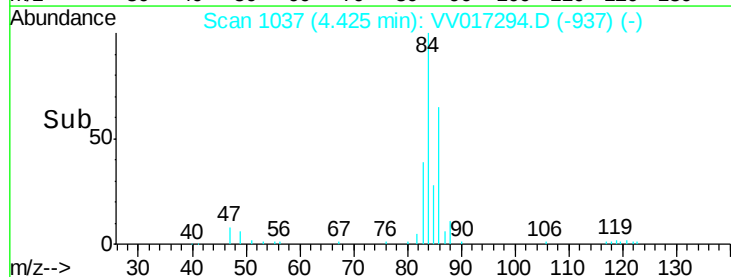
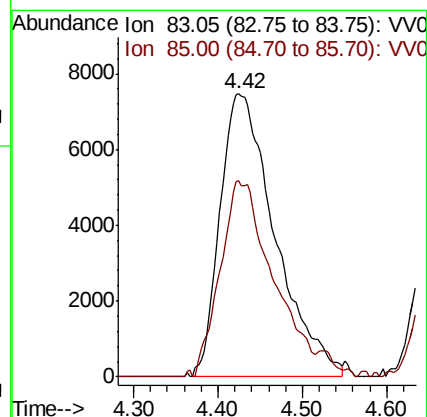
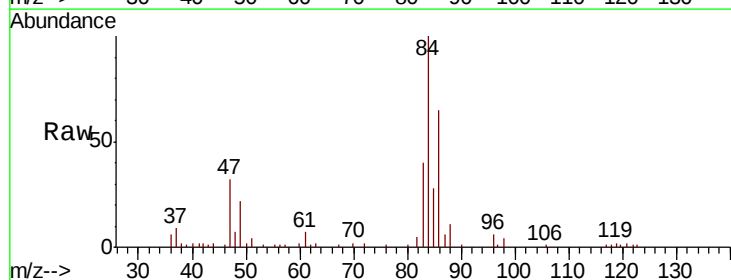
Acq: 01 Jul 2020 17:10

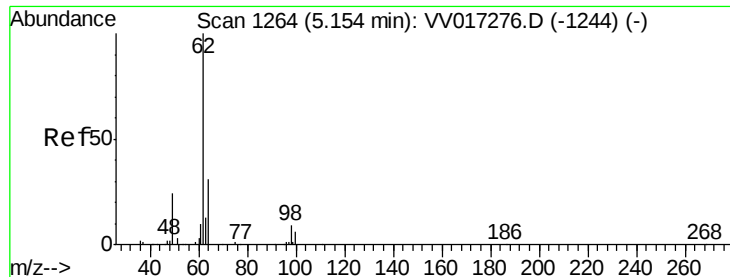
Tgt Ion: 83 Resp: 33872

Ion Ratio Lower Upper

83 100

85 69.2 44.2 82.2





#27

1,2-Dichloroethane

Concen: 6.228 ug/L

RT: 5.18 min Scan# 1271

Delta R.T. 0.02 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

Instrument :

MSVOA\_V

ClientSampled :

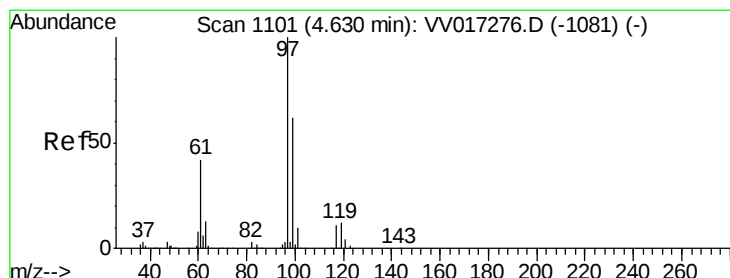
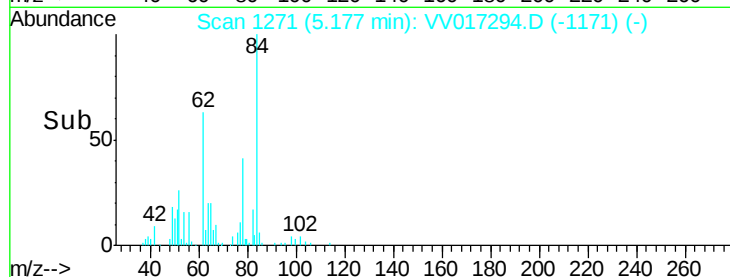
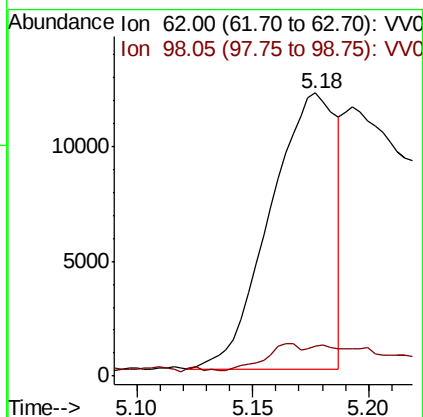
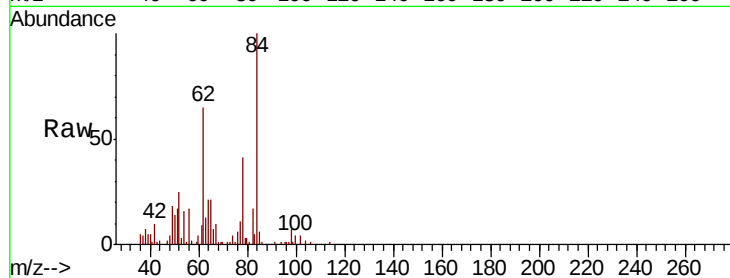
ETYJ8

Tot Ion: 62 Resp: 23639

Ion Ratio Lower Upper

62 100

98 10.6 6.7 10.1#



#29

1,1,1-Trichloroethane

Concen: 1150.672 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.04 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

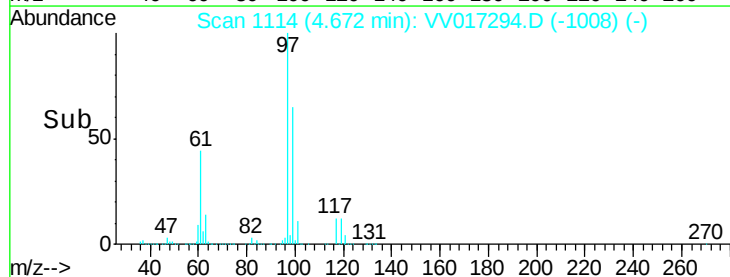
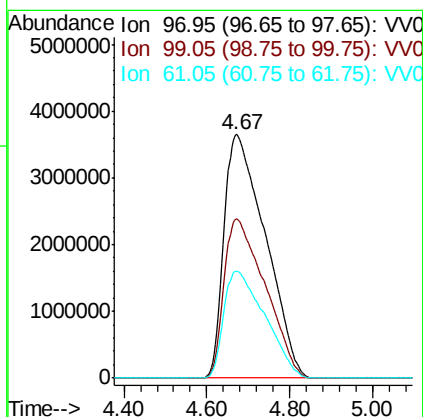
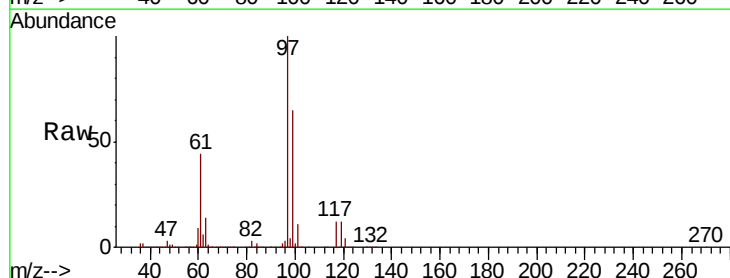
Tgt Ion: 97 Resp: 25234455

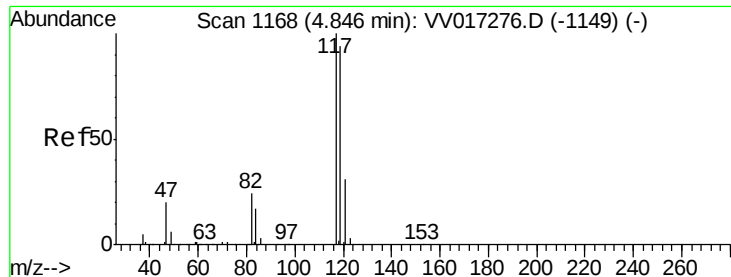
Ion Ratio Lower Upper

97 100

99 64.9 50.3 75.5

61 43.7 36.0 54.0

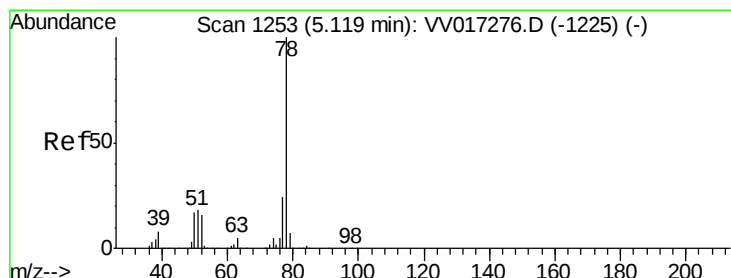
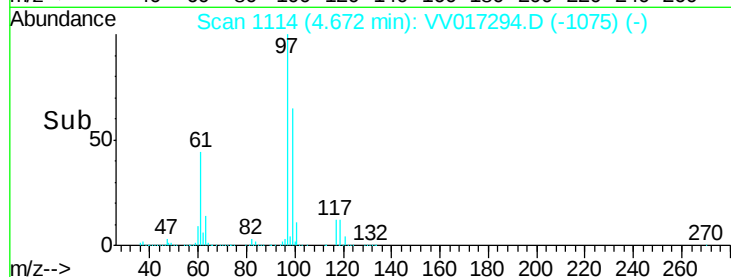
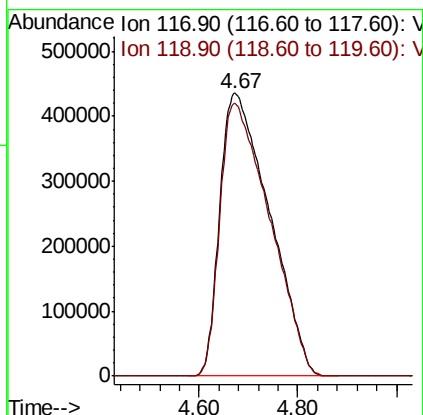
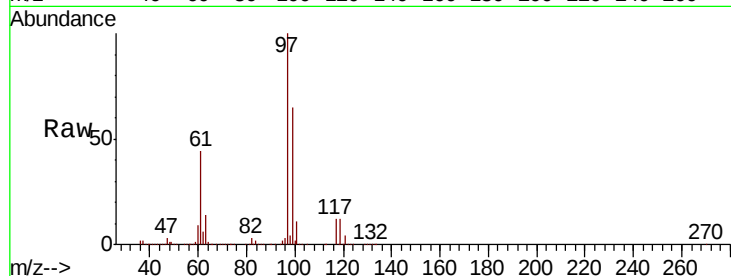




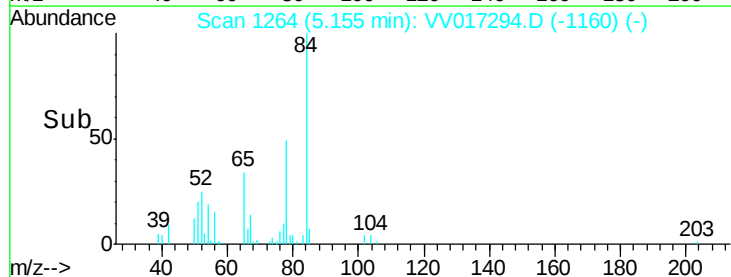
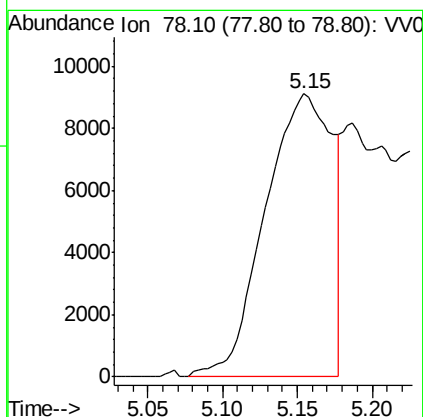
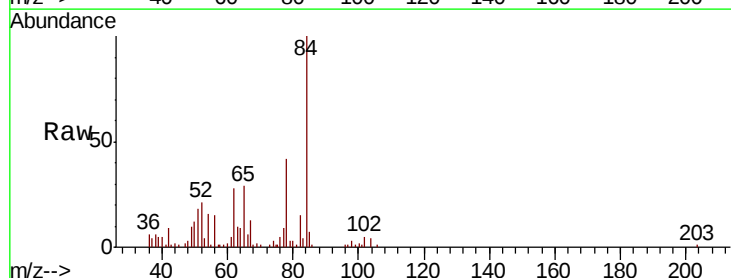
#31  
Carbon tetrachloride  
Concen: 153.985 ug/L  
RT: 4.67 min Scan# 1114  
Delta R.T. -0.17 min  
Lab File: VV017294.D  
Acq: 01 Jul 2020 17:10

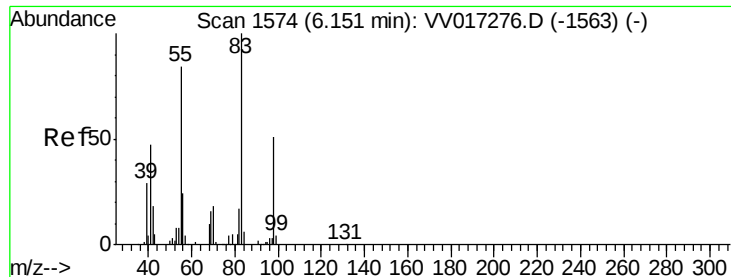
Instrument :  
MSVOA\_V  
ClientSampleId :  
ETYJ8

Tot Ion:117 Resp: 3047093  
Ion Ratio Lower Upper  
117 100  
119 96.4 77.8 116.8



#33  
Benzene  
Concen: 0.594 ug/L  
RT: 5.15 min Scan# 1264  
Delta R.T. 0.04 min  
Lab File: VV017294.D  
Acq: 01 Jul 2020 17:10  
Tgt Ion: 78 Resp: 28454

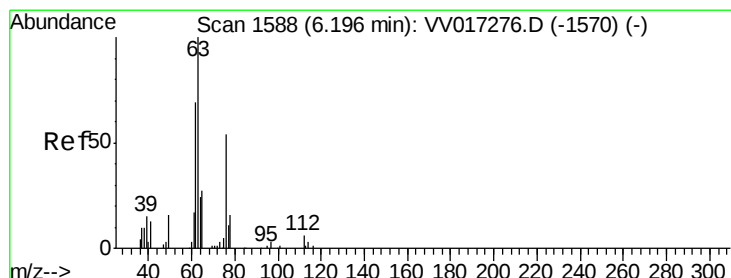
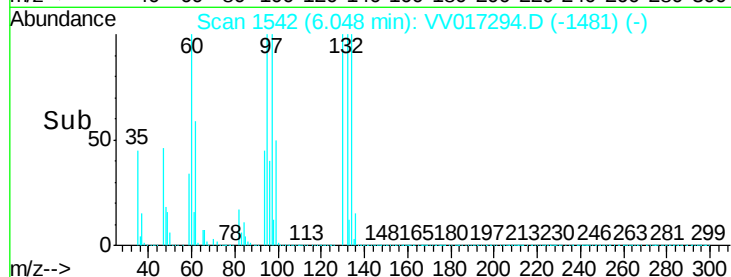
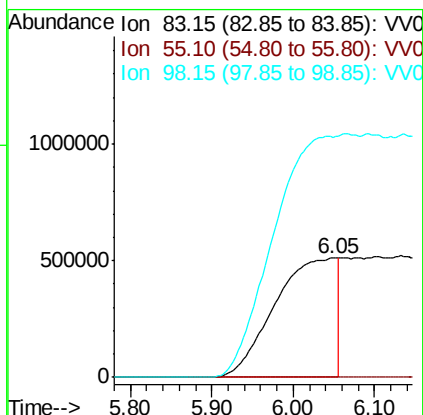
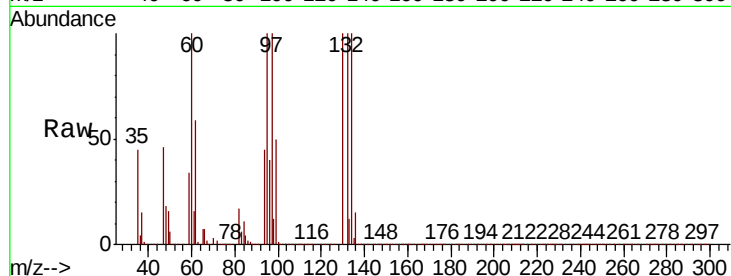




#35  
Methvlcvclohexane  
Concen: 122.619 ug/L  
RT: 6.05 min Scan# 1542  
Delta R.T. -0.10 min  
Lab File: VV017294.D  
Acq: 01 Jul 2020 17:10

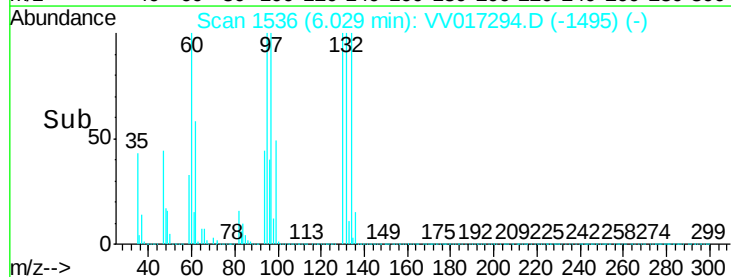
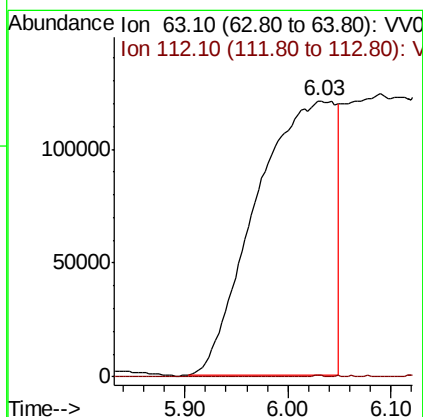
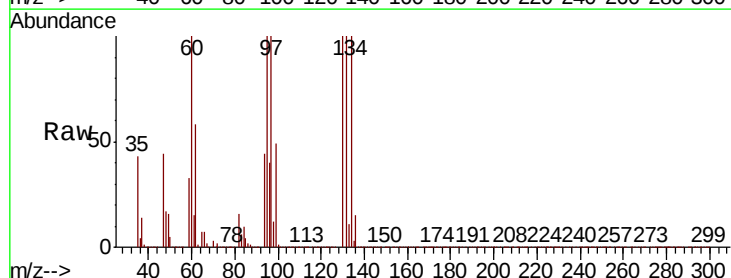
Instrument :  
MSVOA\_V  
ClientSampleId :  
ETYJ8

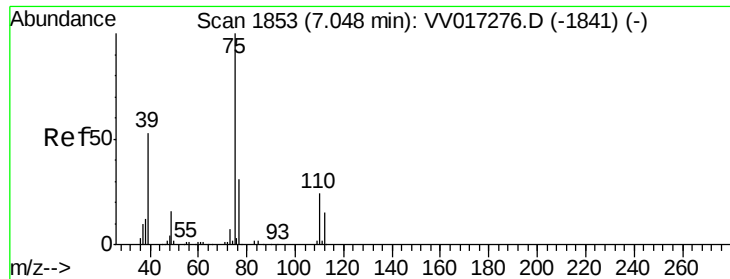
Tot Ion: 83 Resp: 2675649  
Ion Ratio Lower Upper  
83 100  
55 0.0 63.6 95.4#  
98 189.4 38.8 58.2#



#37  
1,2-Dichloropropane  
Concen: 54.185 ug/L  
RT: 6.03 min Scan# 1536  
Delta R.T. -0.17 min  
Lab File: VV017294.D  
Acq: 01 Jul 2020 17:10

Tgt Ion: 63 Resp: 642973  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.4 6.6#





#39

cis-1,3-Dichloropropene

Concen: 0.146 ug/L

RT: 7.05 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

Instrument :

MSVOA\_V

ClientSampled :

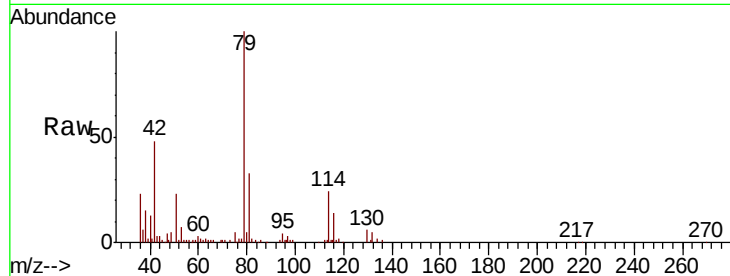
ETYJ8

Tot Ion: 75 Resp: 2569

Ion Ratio Lower Upper

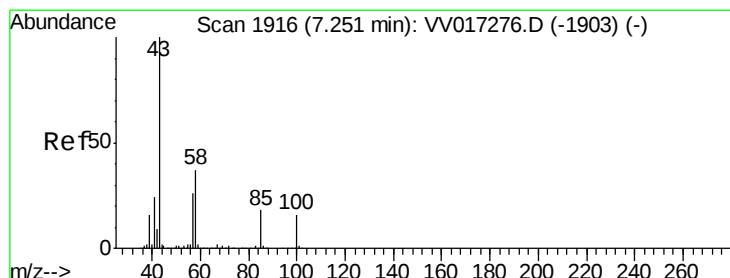
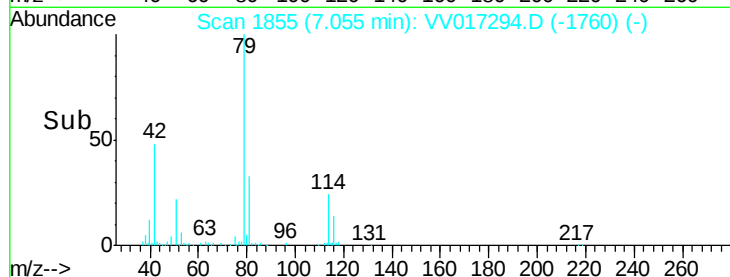
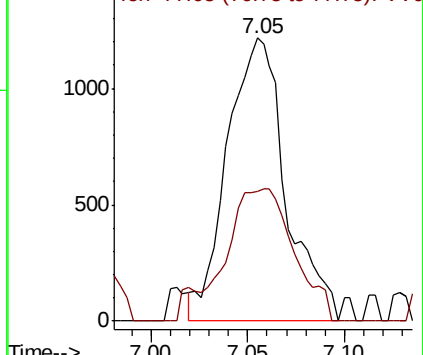
75 100

77 46.0 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#40

4-Methyl-2-pentanone

Concen: 29.816 ug/L

RT: 7.29 min Scan# 1928

Delta R.T. 0.04 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

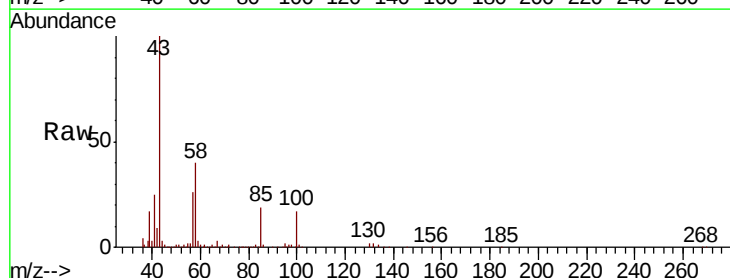
Tgt Ion: 43 Resp: 204282

Ion Ratio Lower Upper

43 100

58 38.9 30.4 45.6

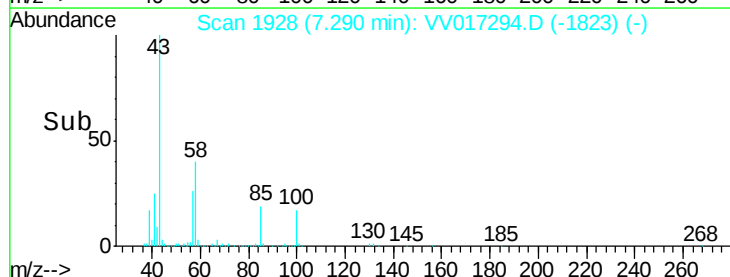
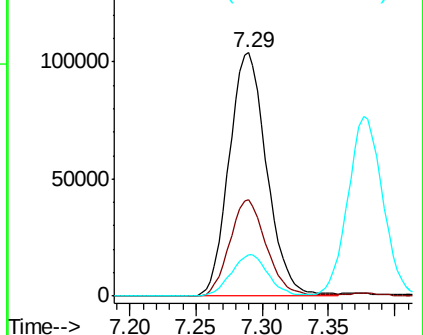
100 16.9 12.7 19.1

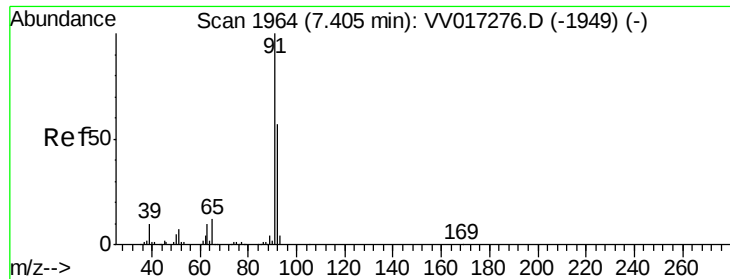


Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 100.15 (99.85 to 100.85): VV0





#42

Toluene

Concen: 60.505 ug/L

RT: 7.45 min Scan# 1977

Delta R.T. 0.04 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

Instrument :

MSVOA\_V

ClientSampleId :

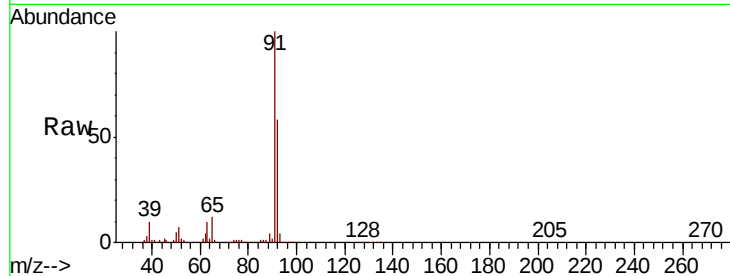
ETYJ8

Tot Ion: 91 Resp: 3372043

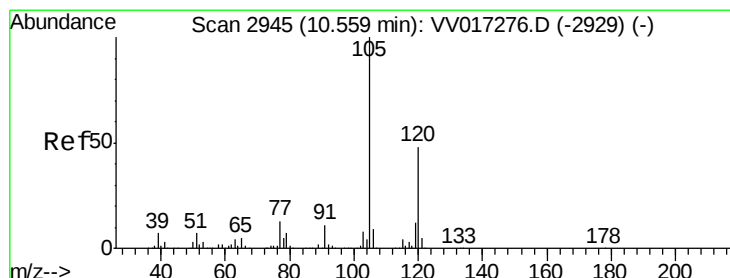
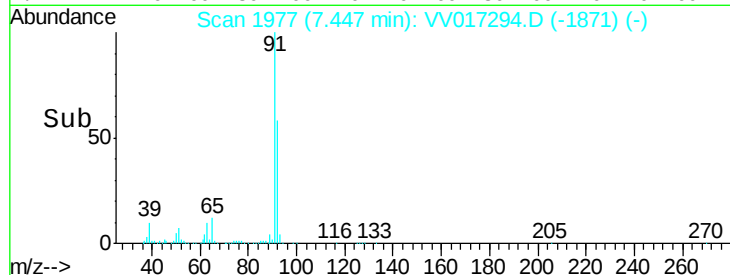
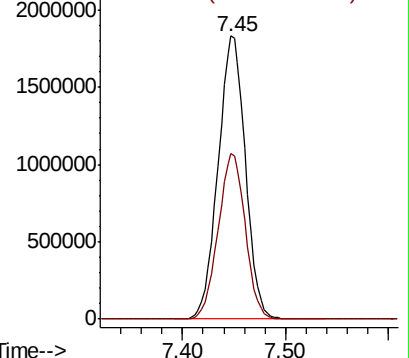
Ion Ratio Lower Upper

91 100

92 58.5 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV017276.D (-1949) (-)



#43

1,3,5-Trimethylbenzene

Concen: 0.273 ug/L

RT: 10.57 min Scan# 2948

Delta R.T. 0.01 min

Lab File: VV017294.D

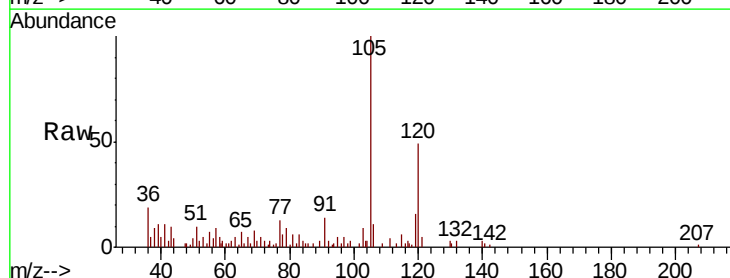
Acq: 01 Jul 2020 17:10

Tgt Ion:105 Resp: 13612

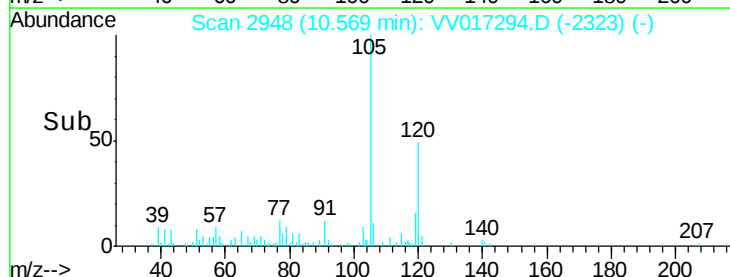
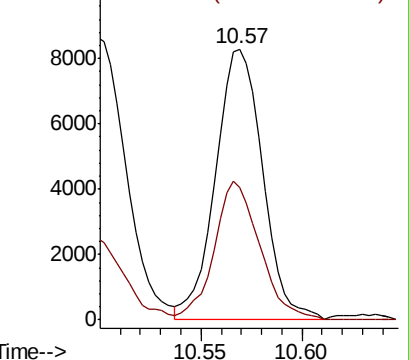
Ion Ratio Lower Upper

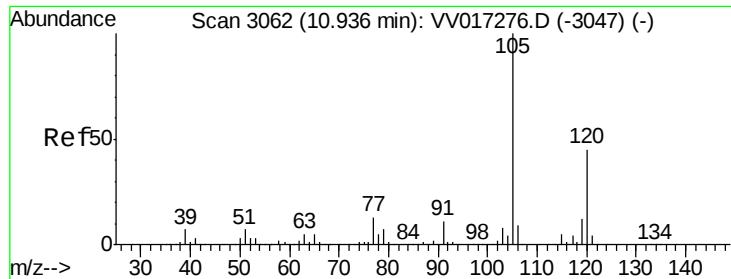
105 100

120 49.2 38.6 57.8



Abundance Ion 105.00 (104.70 to 105.70): VV017276.D (-2929) (-)

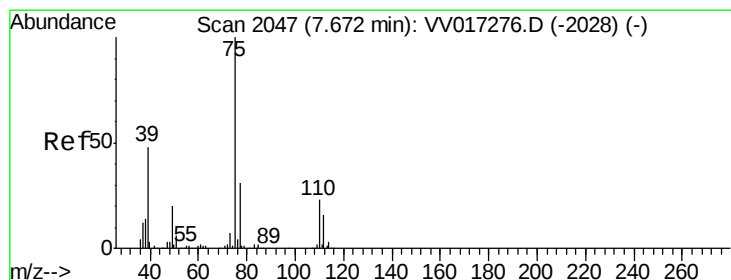
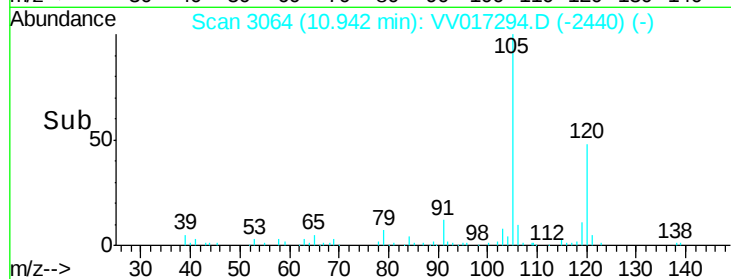
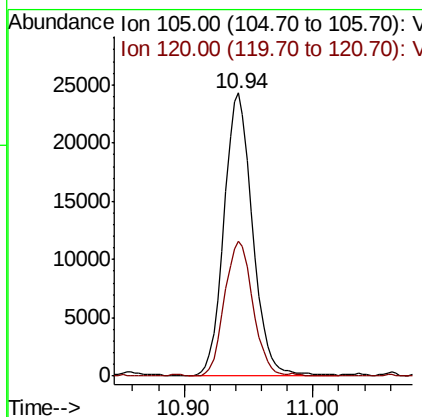
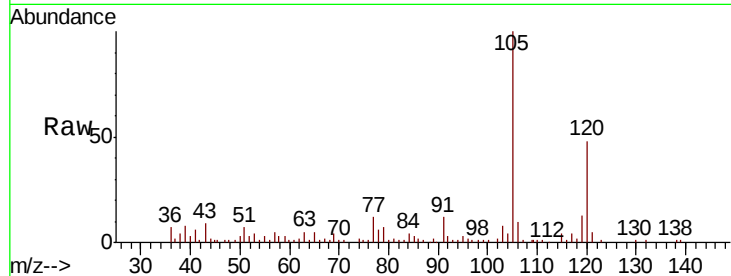




#44  
 1,2,4-Trimethylbenzene  
 Concen: 0.736 ug/L  
 RT: 10.94 min Scan# 3064  
 Delta R.T. 0.01 min  
 Lab File: VV017294.D  
 Acq: 01 Jul 2020 17:10

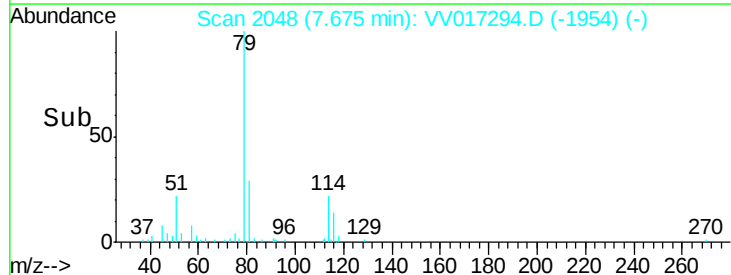
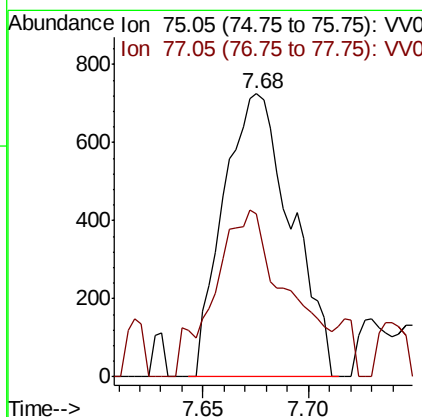
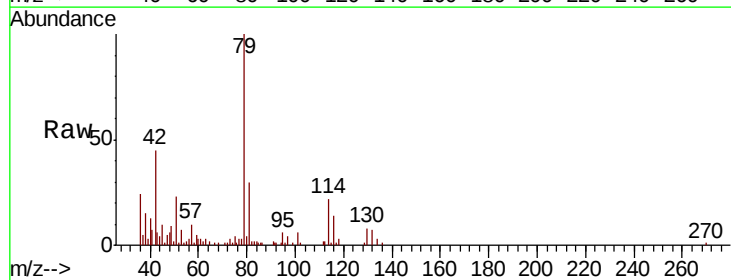
Instrument :  
 MSVOA\_V  
 ClientSampled :  
 ETYJ8

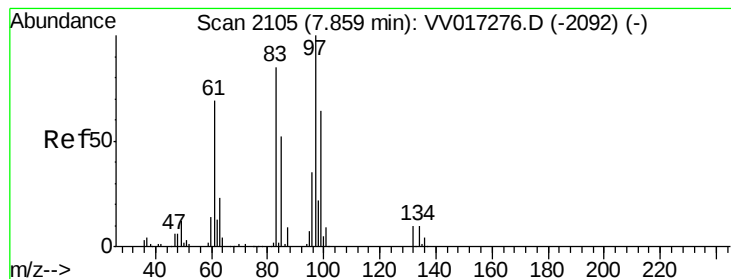
Tot Ion:105 Resp: 37354  
 Ion Ratio Lower Upper  
 105 100  
 120 46.9 35.8 53.8



#46  
 trans-1,3-Dichloropropene  
 Concen: 0.106 ug/L  
 RT: 7.68 min Scan# 2048  
 Delta R.T. 0.00 min  
 Lab File: VV017294.D  
 Acq: 01 Jul 2020 17:10

Tgt Ion: 75 Resp: 1621  
 Ion Ratio Lower Upper  
 75 100  
 77 57.5 22.3 41.3#





#47

1,1,2-Trichloroethane

Concen: 20.450 ug/L

RT: 7.89 min Scan# 2114

Delta R.T. 0.03 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

Instrument :

MSVOA\_V

ClientSampled :

ETYJ8

Tot Ion: 97 Resp: 172119

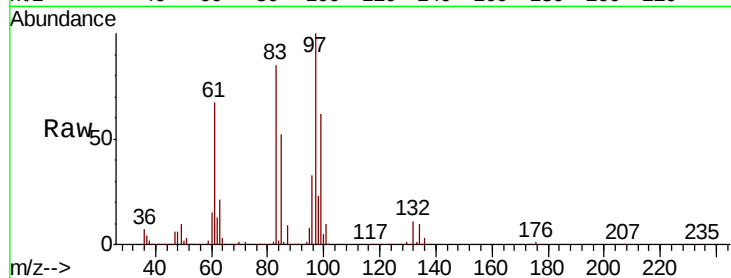
Ion Ratio Lower Upper

97 100

99 61.9 43.6 81.0

83 84.9 57.4 106.6

85 52.0 38.8 72.0

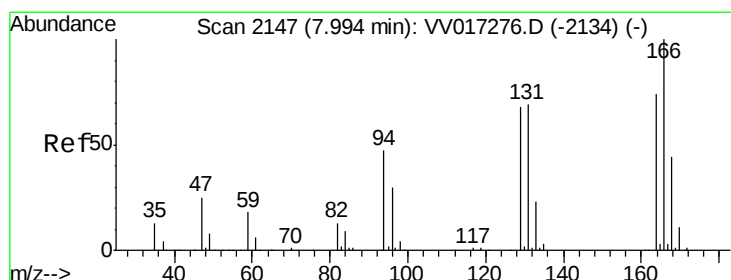
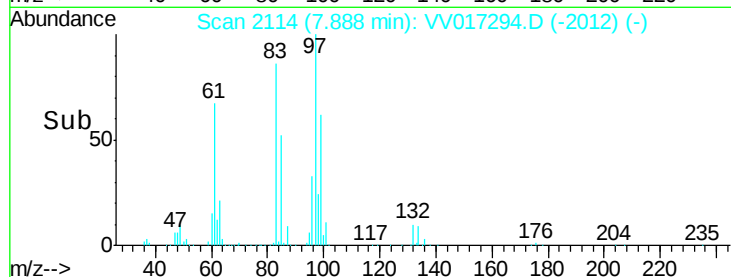
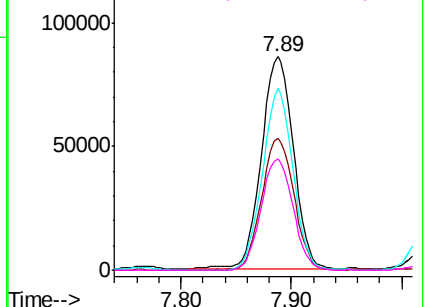


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#49

Tetrachloroethene

Concen: 189.840 ug/L

RT: 8.03 min Scan# 2157

Delta R.T. 0.03 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

Tgt Ion:164 Resp: 2144815

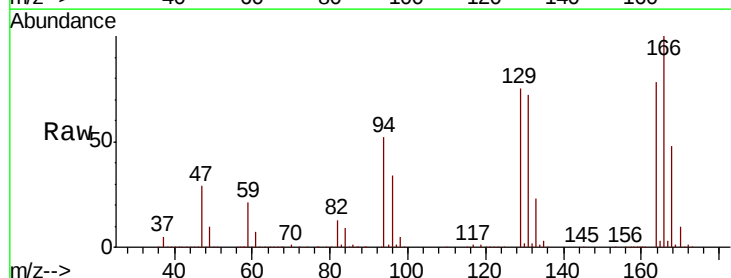
Ion Ratio Lower Upper

164 100

129 95.3 65.2 121.0

131 91.6 64.1 119.1

166 127.5 90.2 167.4

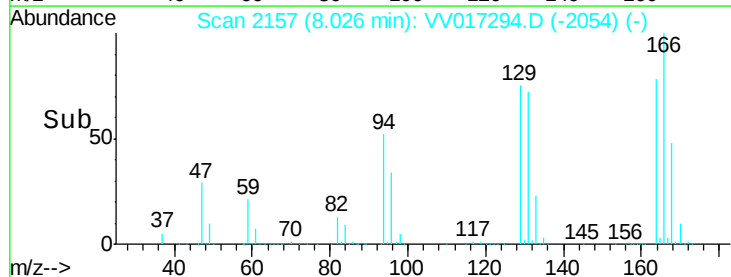
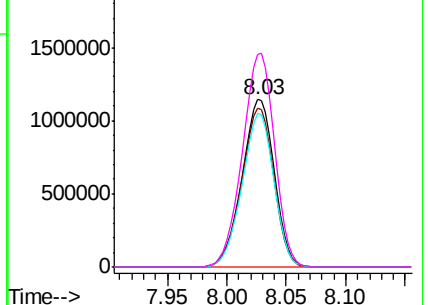


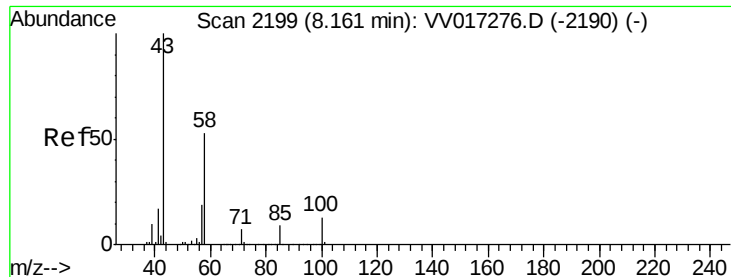
Abundance Ion 163.90 (163.60 to 164.60): V

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

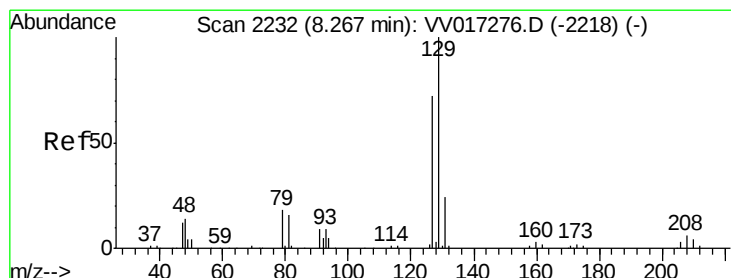
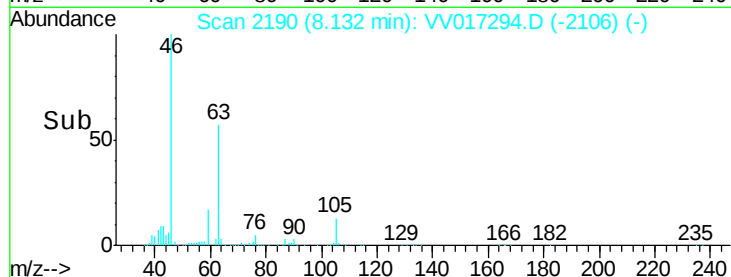
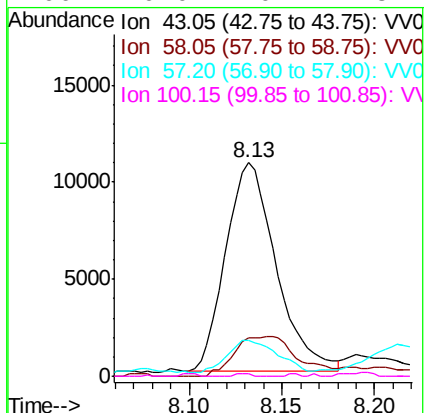
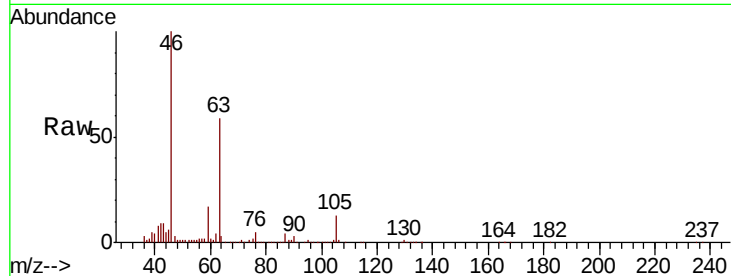




#50  
2-Hexanone  
Concen: 4.161 ug/L  
RT: 8.13 min Scan# 2190  
Delta R.T. -0.03 min  
Lab File: VV017294.D  
Acq: 01 Jul 2020 17:10

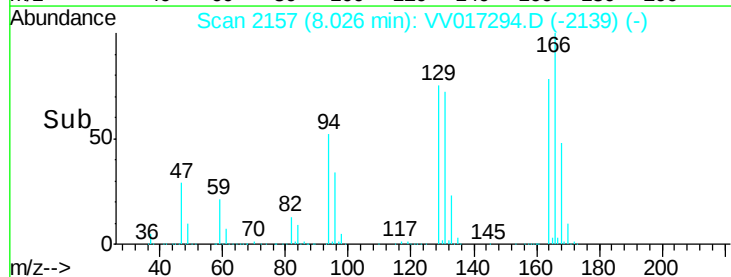
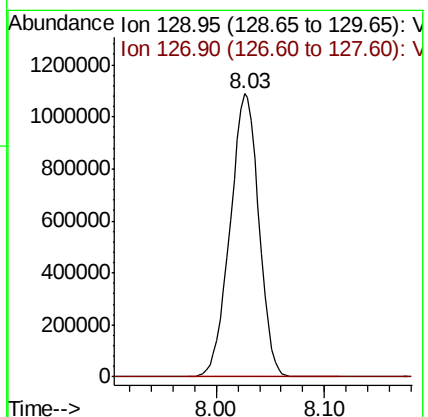
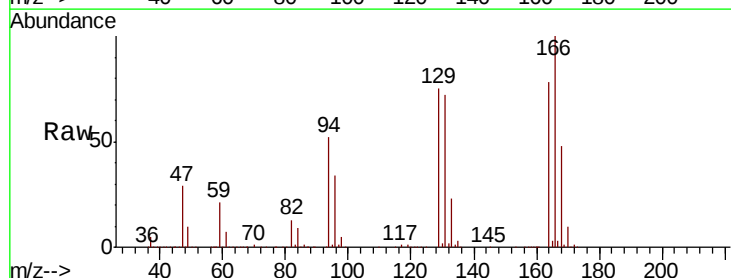
Instrument :  
MSVOA\_V  
ClientSampleId :  
ETYJ8

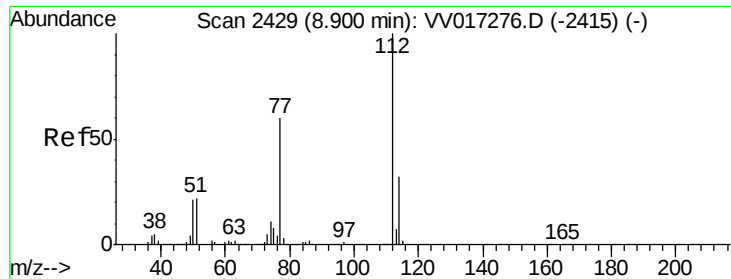
Tot Ion: 43 Resp: 20287  
Ion Ratio Lower Upper  
43 100  
58 24.0 41.6 62.4#  
57 15.7 15.4 23.0  
100 0.0 10.1 15.1#



#51  
Dibromochloromethane  
Concen: 197.767 ug/L  
RT: 8.03 min Scan# 2157  
Delta R.T. -0.24 min  
Lab File: VV017294.D  
Acq: 01 Jul 2020 17:10

Tgt Ion: 129 Resp: 2017646  
Ion Ratio Lower Upper  
129 100  
127 0.0 54.1 100.5#

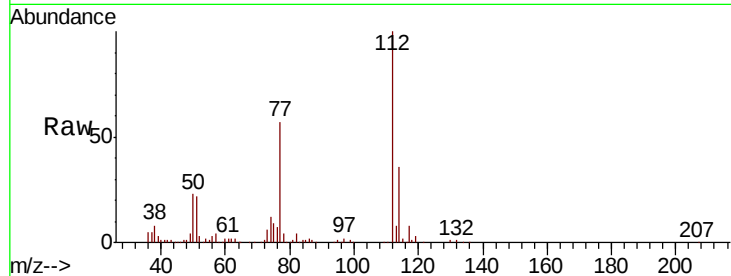




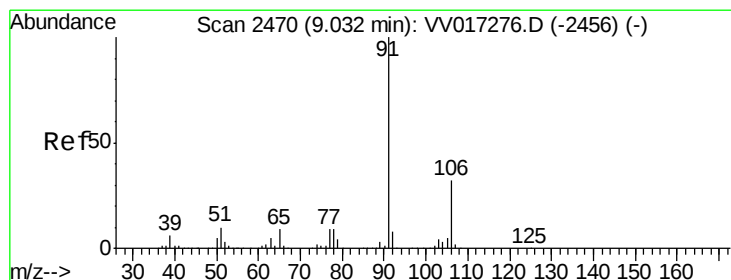
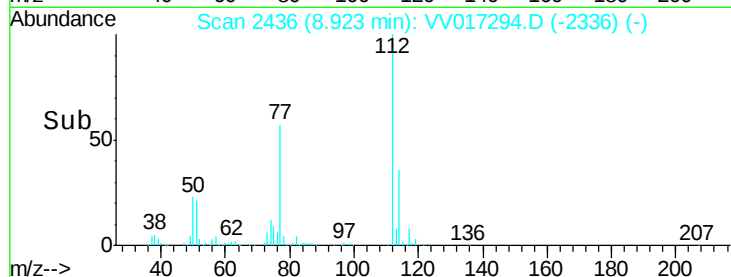
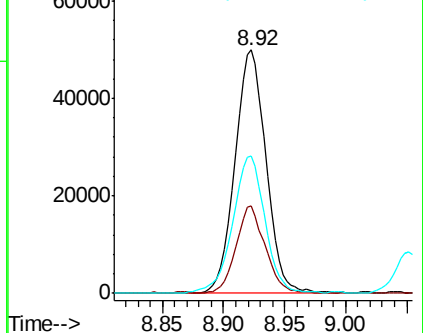
#53  
Chlorobenzene  
Concen: 2.533 ug/L  
RT: 8.92 min Scan# 2436  
Delta R.T. 0.02 min  
Lab File: VV017294.D  
Acq: 01 Jul 2020 17:10

Instrument :  
MSVOA\_V  
ClientSampleId :  
ETYJ8

Tot Ion:112 Resp: 88012  
Ion Ratio Lower Upper  
112 100  
114 35.8 22.0 41.0  
77 56.6 46.0 69.0

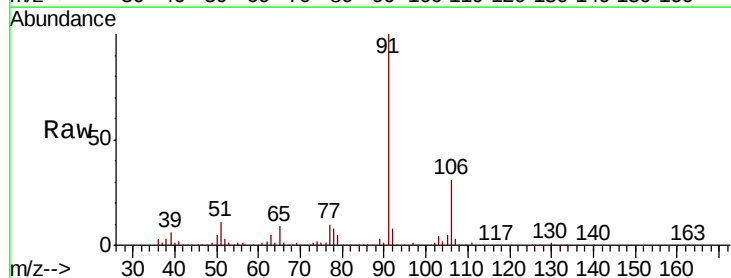


Abundance Ion 112.10 (111.80 to 112.80): V  
Ion 114.05 (113.75 to 114.75): V  
Ion 77.10 (76.80 to 77.80): V

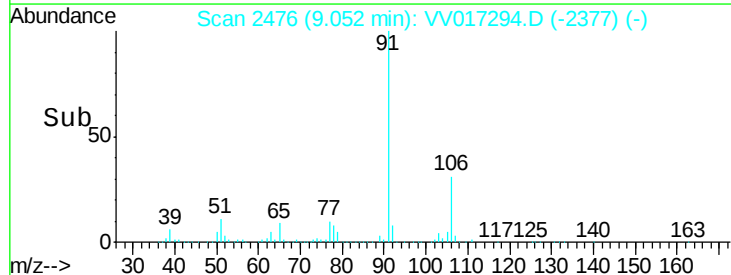
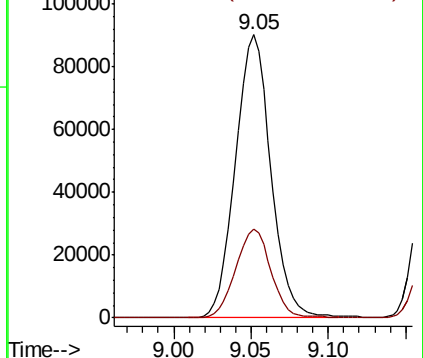


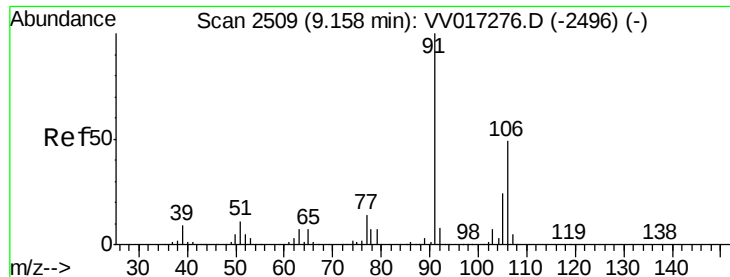
#54  
Ethylbenzene  
Concen: 2.412 ug/L  
RT: 9.05 min Scan# 2476  
Delta R.T. 0.02 min  
Lab File: VV017294.D  
Acq: 01 Jul 2020 17:10

Tgt Ion: 91 Resp: 143479  
Ion Ratio Lower Upper  
91 100  
106 31.3 21.1 39.1



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





#55

m,p-xylene

Concen: 5.099 ug/L

RT: 9.17 min Scan# 2514

Delta R.T. 0.02 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

Instrument :

MSVOA\_V

ClientSampled :

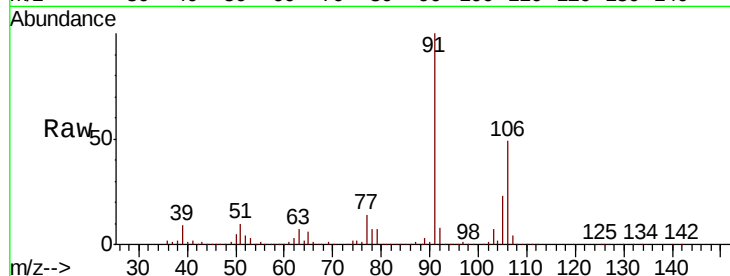
ETYJ8

Tot Ion:106 Resp: 118976

Ion Ratio Lower Upper

106 100

91 205.7 142.7 264.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

150000

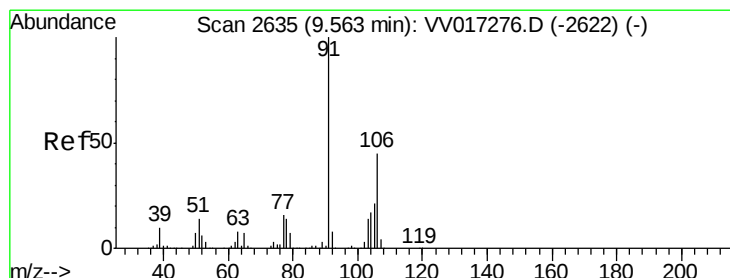
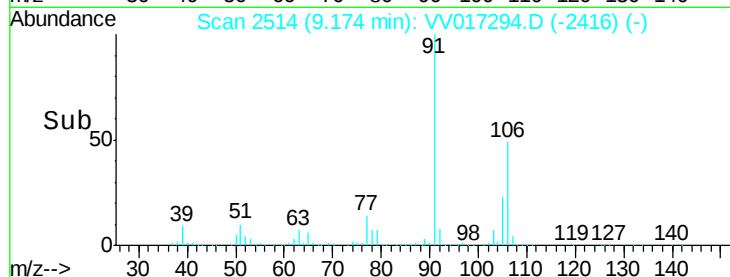
100000

50000

0

9.05 9.10 9.15 9.20 9.25

Time-->



#56

o-xylene

Concen: 2.247 ug/L

RT: 9.58 min Scan# 2640

Delta R.T. 0.02 min

Lab File: VV017294.D

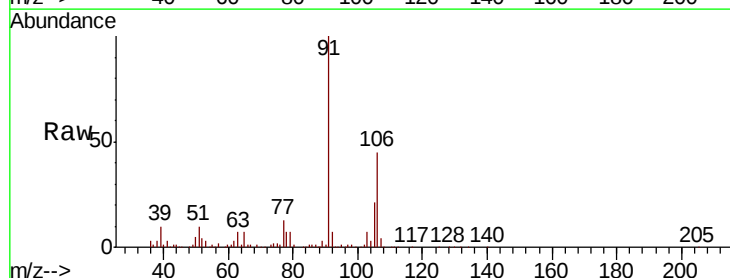
Acq: 01 Jul 2020 17:10

Tgt Ion:106 Resp: 48916

Ion Ratio Lower Upper

106 100

91 220.8 153.6 285.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

80000

60000

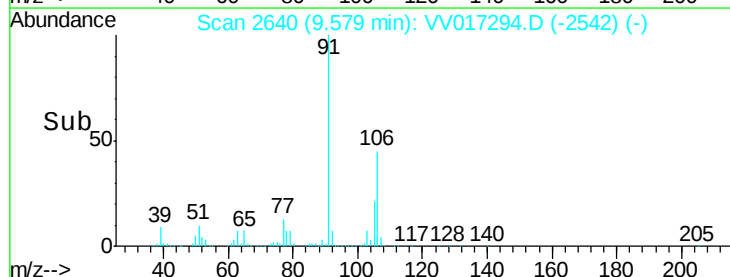
40000

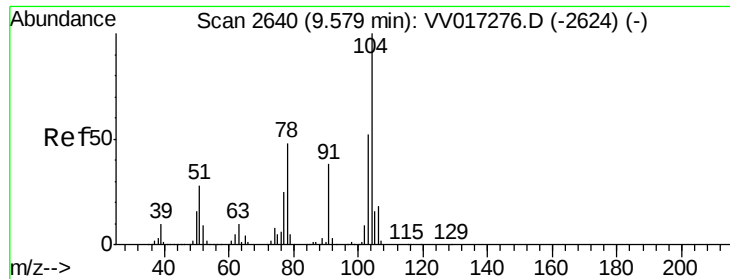
20000

0

9.50 9.55 9.60 9.65

Time-->





#57

Stvrene

Concen: 0.107 ug/L

RT: 9.58 min Scan# 2640

Delta R.T. 0.00 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

Instrument :

MSVOA\_V

ClientSampleId :

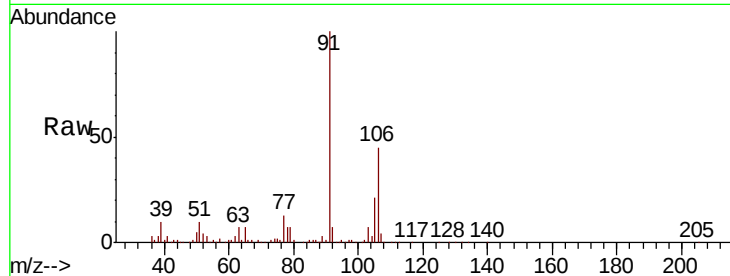
ETYJ8

Tot Ion:104 Resp: 3853

Ion Ratio Lower Upper

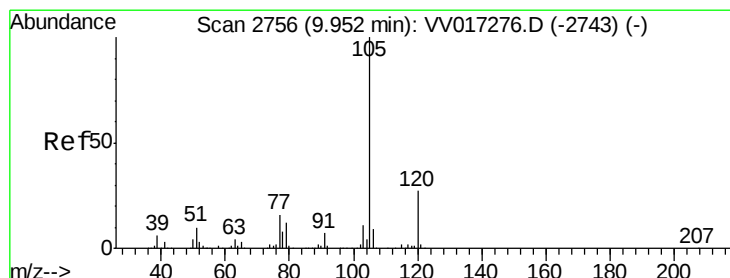
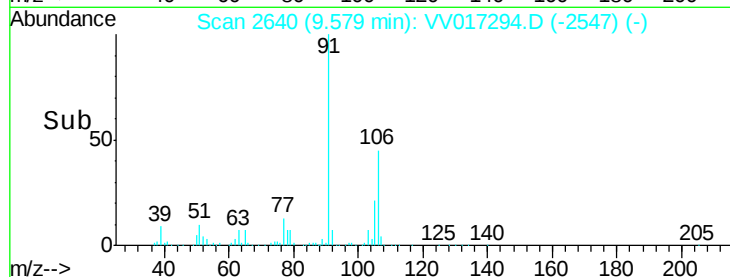
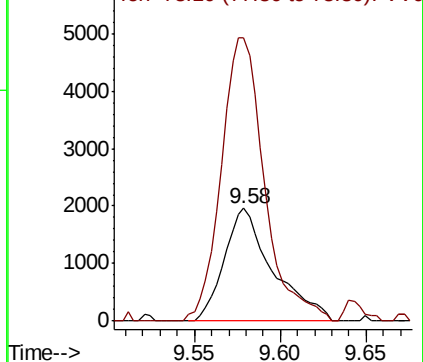
104 100

78 250.8 33.9 62.9#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0



#58

Isopropylbenzene

Concen: 0.108 ug/L

RT: 9.96 min Scan# 2760

Delta R.T. 0.01 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

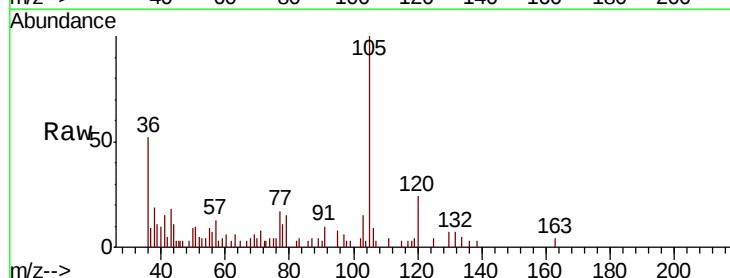
Tgt Ion:105 Resp: 6500

Ion Ratio Lower Upper

105 100

120 24.1 21.2 31.8

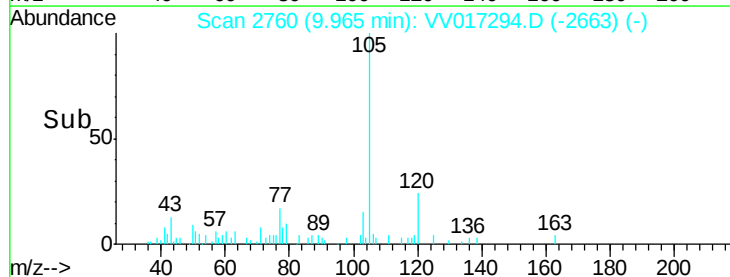
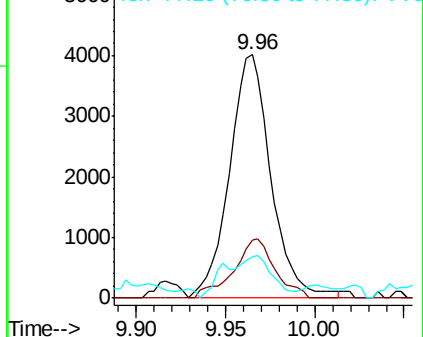
77 11.4 13.0 19.4#

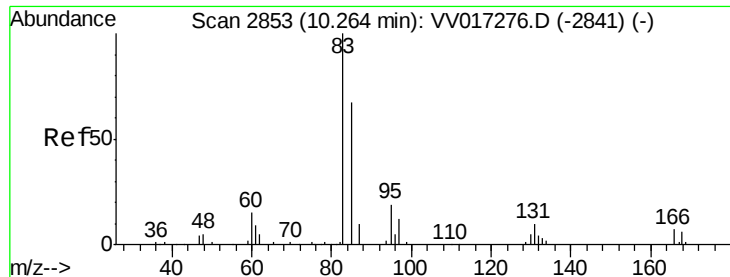


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0





#60

1,1,2,2-Tetrachloroethane

Concen: 0.823 ug/L

RT: 10.28 min Scan# 2857

Delta R.T. 0.01 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

Instrument :

MSVOA\_V

ClientSampled :

ETYJ8

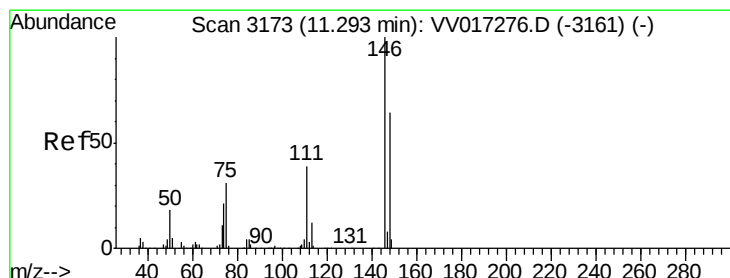
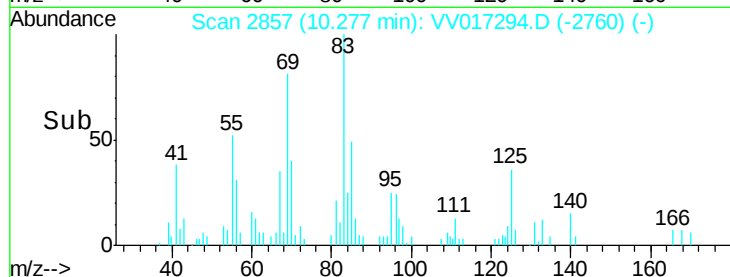
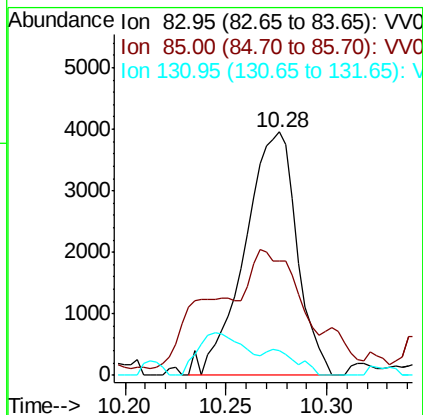
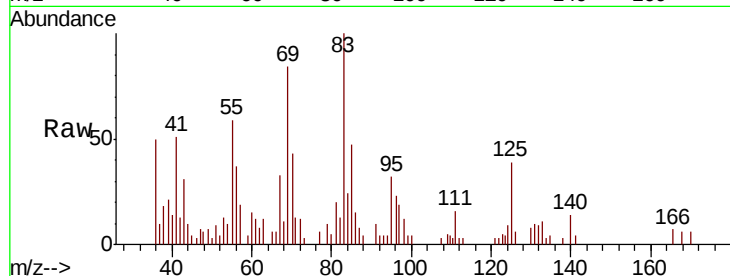
Tot Ion: 83 Resp: 7163

Ion Ratio Lower Upper

83 100

85 47.1 42.9 79.7

131 10.4 8.6 13.0



#64

1,4-Dichlorobenzene

Concen: 0.072 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.01 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

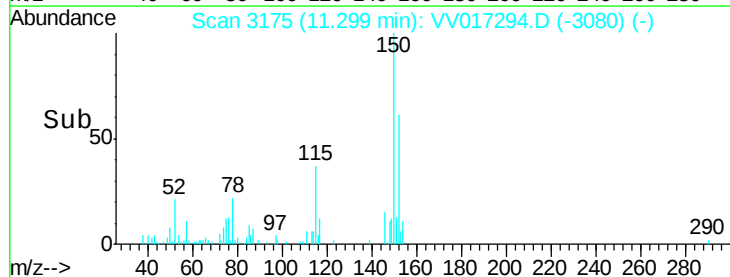
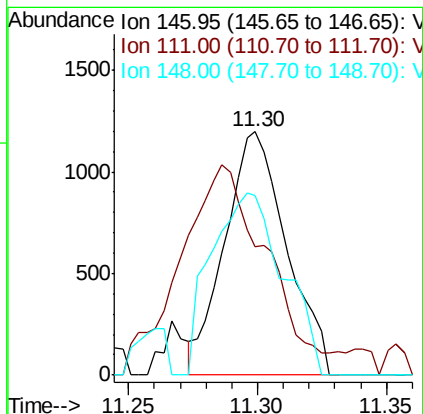
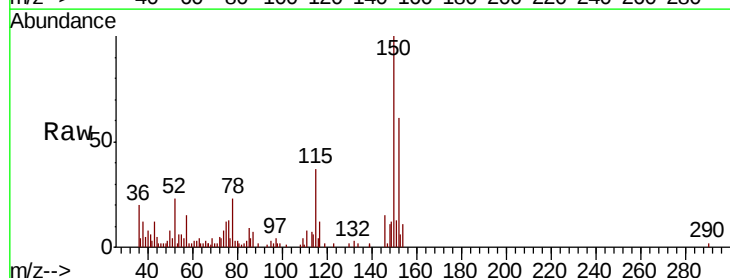
Tgt Ion: 146 Resp: 1999

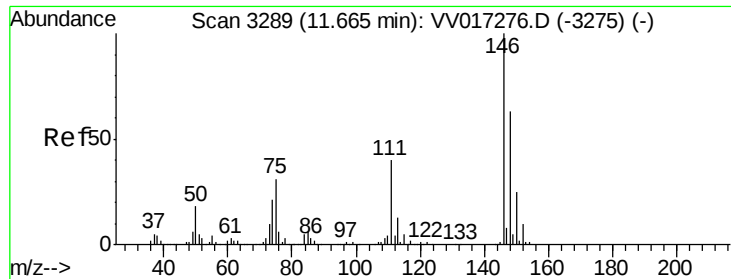
Ion Ratio Lower Upper

146 100

111 52.9 27.4 50.8#

148 73.7 44.3 82.3





#66

1,2-Dichlorobenzene

Concen: 0.086 ug/L

RT: 11.67 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

Instrument :

MSVOA\_V

ClientSampleId :

ETYJ8

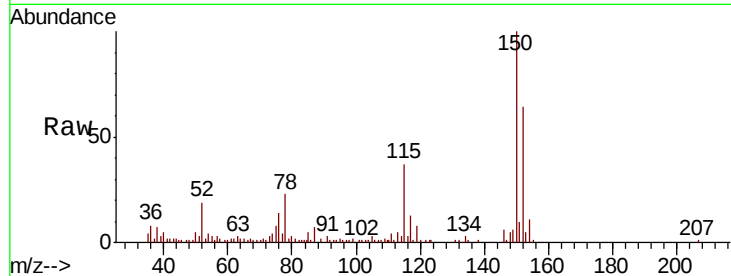
Tot Ion:146 Resp: 2116

Ion Ratio Lower Upper

146 100

111 66.2 34.4 51.6#

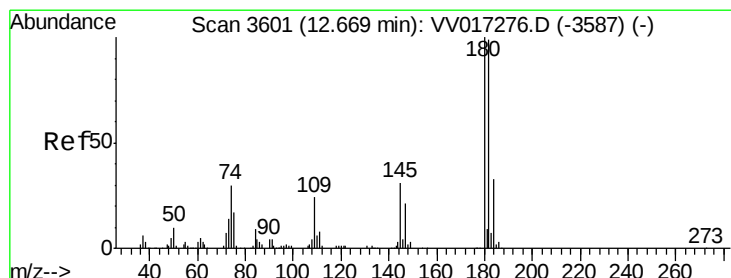
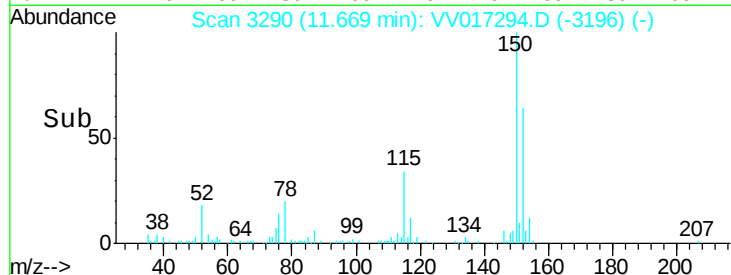
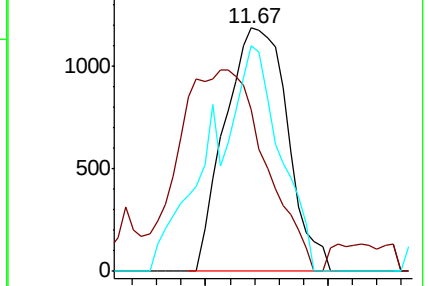
148 92.4 49.9 74.9#



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



#68

1,3,5-Trichlorobenzene

Concen: 0.051 ug/L

RT: 12.68 min Scan# 3603

Delta R.T. 0.01 min

Lab File: VV017294.D

Acq: 01 Jul 2020 17:10

Tgt Ion:180 Resp: 1114

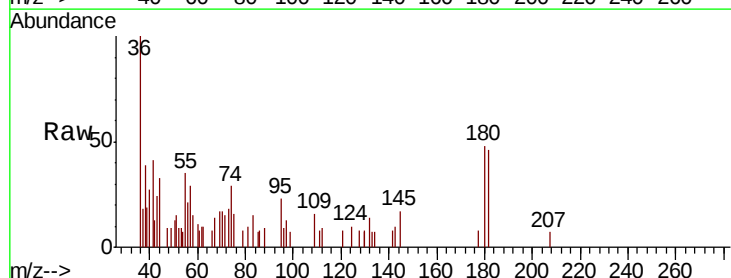
Ion Ratio Lower Upper

180 100

182 93.0 77.4 116.2

184 6.6 24.2 36.4#

145 30.6 24.3 36.5



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

