

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\  
 Data File : VV017151.D  
 Acq On : 26 Jun 2020 01:35  
 Operator : SY/MD  
 Sample : L3106-19  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFXP1

Quant Time: Jun 26 05:15:23 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR061720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 26 05:12:03 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 164018   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 158842   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 73502    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 50681    | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 103.00% |
| 7) Chloroethane-d5             | 1.58   | 69    | 39067    | 5.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 109.20% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 88951    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 95.00%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 122494   | 48.82    | ug/L | -0.04   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 97.64%  |
| 24) Chloroform-d               | 4.38   | 84    | 103347   | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 54965    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.40%  |
| 32) Benzene-d6                 | 5.08   | 84    | 194456   | 4.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 55052    | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 89.20%  |
| 41) Toluene-d8                 | 7.34   | 98    | 167489   | 4.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.60%  |
| 45) trans-1,3-Dichloropropene- | 7.64   | 79    | 21407    | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.40%  |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 83847    | 42.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 85.66%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 38920    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 95.00%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 68129    | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.20% |

## Target Compounds

| Target Compounds               | R.T. | QIon | Response | Conc   | Units  | Ovalue |
|--------------------------------|------|------|----------|--------|--------|--------|
| 5) Vinyl chloride              | 1.32 | 62   | 198983   | 18.488 | ug/L   | 99     |
| 8) Chloroethane                | 1.32 | 64   | 62433    | 10.496 | ug/L # | 45     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.13 | 101  | 861      | 0.099  | ug/L # | 20     |
| 12) 1,1-Dichloroethene         | 2.14 | 96   | 32594    | 4.141  | ug/L   | 86     |
| 15) Methyl Acetate             | 2.51 | 43   | 12521    | 4.038  | ug/L # | 52     |
| 17) Methyl tert-butyl Ether    | 2.79 | 73   | 1534     | 0.078  | ug/L # | 1      |
| 18) trans-1,2-Dichloroethene   | 2.78 | 96   | 7654     | 0.918  | ug/L   | 93     |
| 19) 1,1-Dichloroethane         | 3.21 | 63   | 90329    | 4.819  | ug/L   | 98     |
| 21) 2-Butanone                 | 3.79 | 43   | 44227    | 18.499 | ug/L   | 94     |
| 22) cis-1,2-Dichloroethene     | 3.94 | 96   | 1079583  | 94.642 | ug/L   | 99     |
| 25) Chloroform                 | 4.41 | 83   | 6482     | 0.317  | ug/L   | 95     |
| 29) 1,1,1-Trichloroethane      | 4.63 | 97   | 369600   | 19.422 | ug/L   | 98     |
| 30) Cyclohexane                | 4.70 | 56   | 52820    | 2.917  | ug/L   | 97     |
| 31) Carbon tetrachloride       | 4.64 | 117  | 46101    | 2.685  | ug/L   | 100    |
| 33) Benzene                    | 5.13 | 78   | 16143    | 0.388  | ug/L   | 100    |
| 34) Trichloroethene            | 5.94 | 95   | 80112    | 6.577  | ug/L   | 97     |
| 35) Methylcyclohexane          | 6.09 | 83   | 15172    | 0.801  | ug/L # | 17     |

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 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 26 05:12:03 2020  
 Response via : Initial Calibration

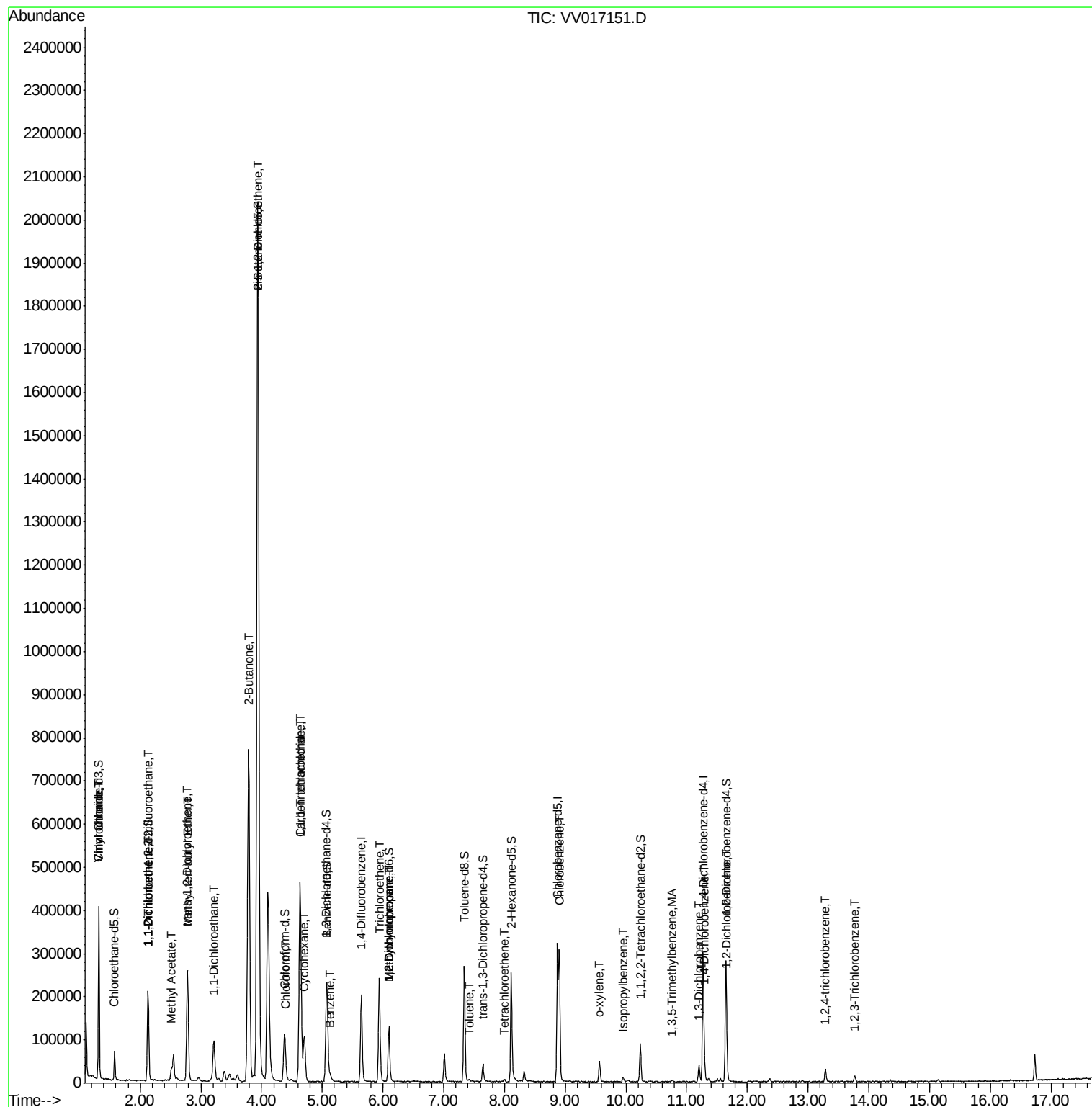
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|-------|------|----------|-------|--------|----------|
| 37) 1,2-Dichloropropane    | 6.10  | 63   | 7258     | 0.705 | ug/L # | 84       |
| 42) Toluene                | 7.42  | 91   | 2922     | 0.060 | ug/L   | 91       |
| 43) 1,3,5-Trimethylbenzene | 10.77 | 105  | 1412     | 0.033 | ug/L   | 92       |
| 49) Tetrachloroethene      | 7.99  | 164  | 1216     | 0.124 | ug/L   | 80       |
| 53) Chlorobenzene          | 8.90  | 112  | 151169   | 5.014 | ug/L   | 98       |
| 56) o-xylene               | 9.57  | 106  | 12144    | 0.643 | ug/L   | 98       |
| 58) Isopropylbenzene       | 9.95  | 105  | 5975     | 0.115 | ug/L # | 94       |
| 63) 1,3-Dichlorobenzene    | 11.21 | 146  | 14839    | 0.671 | ug/L   | 94       |
| 64) 1,4-Dichlorobenzene    | 11.30 | 146  | 15897    | 0.707 | ug/L   | 97       |
| 66) 1,2-Dichlorobenzene    | 11.67 | 146  | 12940    | 0.644 | ug/L   | 94       |
| 69) 1,2,4-trichlorobenzene | 13.29 | 180  | 8956     | 0.612 | ug/L   | 94       |
| 71) 1,2,3-Trichlorobenzene | 13.77 | 180  | 3584     | 0.300 | ug/L # | 93       |

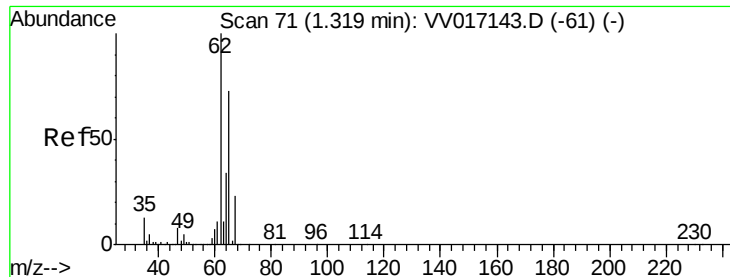
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 18.488 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017151.D

Acq: 26 Jun 2020 01:35

Instrument :

MSVOA\_V

ClientSampleId :

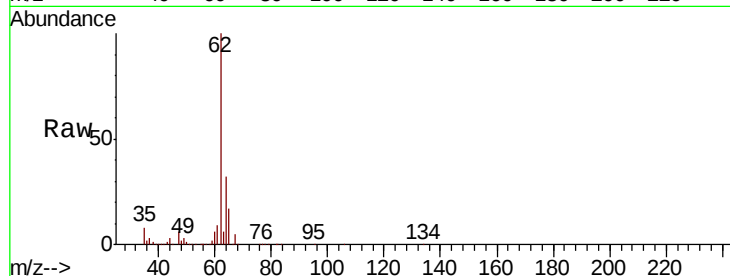
BFXP1

Tot Ion: 62 Resp: 198983

Ion Ratio Lower Upper

62 100

64 31.8 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

200000

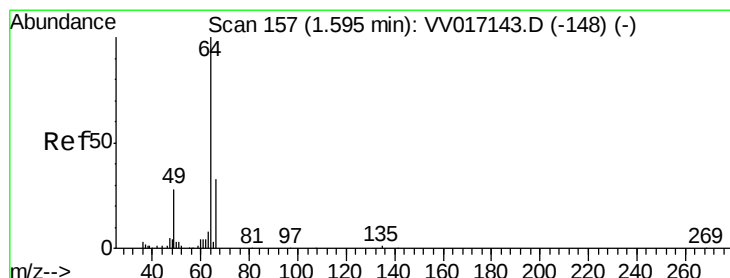
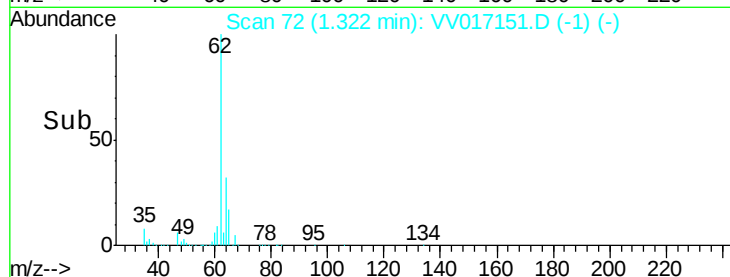
150000

100000

50000

0

Time-->



#8

Chloroethane

Concen: 10.496 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.27 min

Lab File: VV017151.D

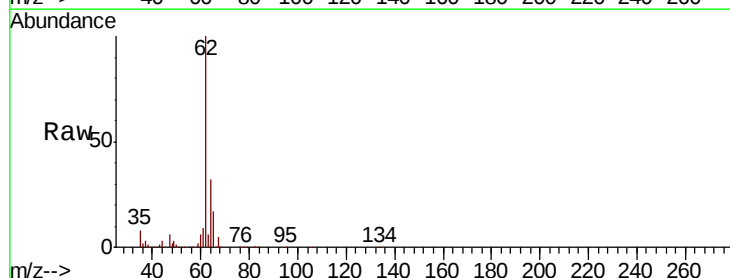
Acq: 26 Jun 2020 01:35

Tgt Ion: 64 Resp: 62433

Ion Ratio Lower Upper

64 100

66 1.6 22.8 42.4#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

1.32

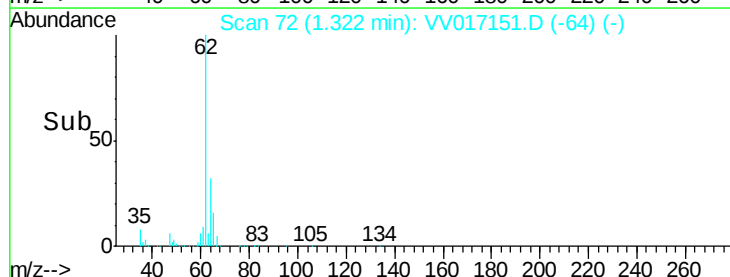
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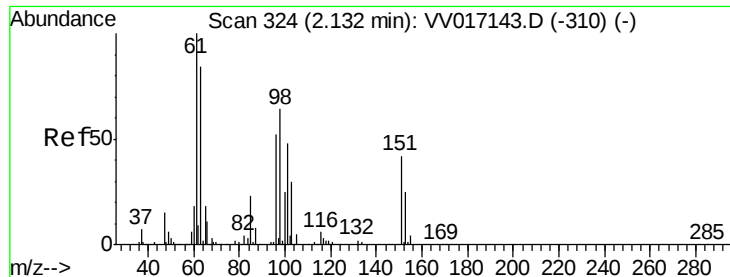
40000

20000

0

Time-->





#10

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

Concen: 0.099 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017151.D

Acq: 26 Jun 2020 01:35

Instrument :

MSVOA\_V

ClientSampleId :

BFXP1

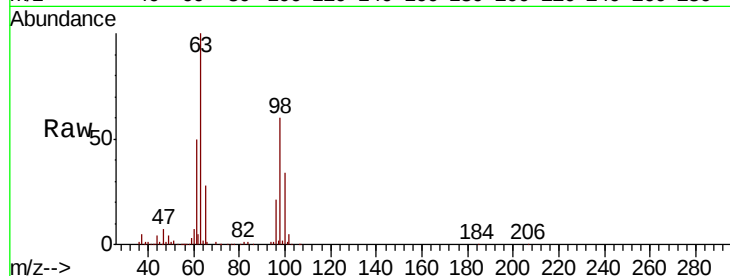
Tot Ion:101 Resp: 861

Ion Ratio Lower Upper

101 100

85 5.3 35.4 53.2#

151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

2.13

400

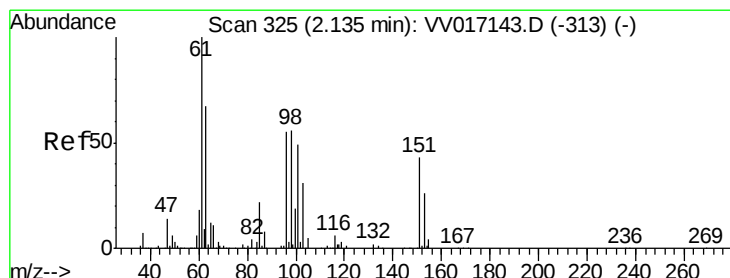
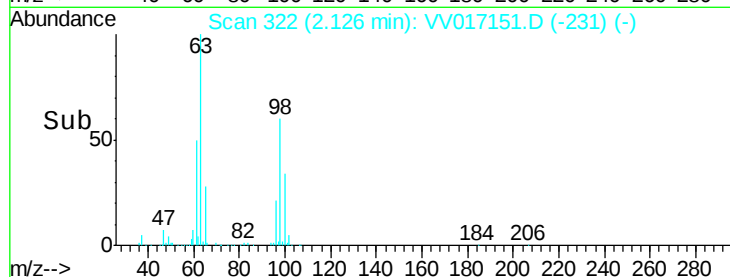
200

0

2.10

2.15

Time-->



#12

1,1-Dichloroethene

Concen: 4.141 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV017151.D

Acq: 26 Jun 2020 01:35

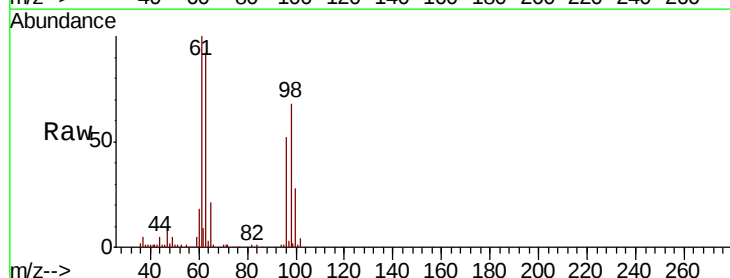
Tgt Ion: 96 Resp: 32594

Ion Ratio Lower Upper

96 100

61 194.2 125.0 232.2

63 178.5 109.8 203.8



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

60000

40000

20000

0

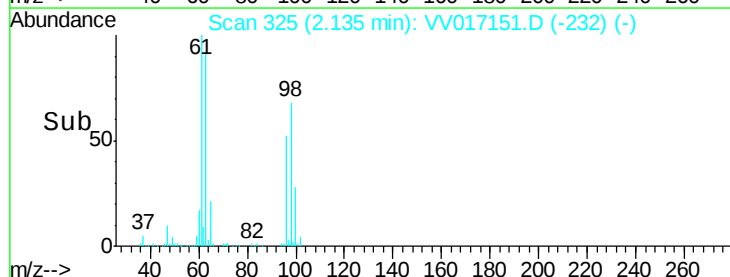
2.05

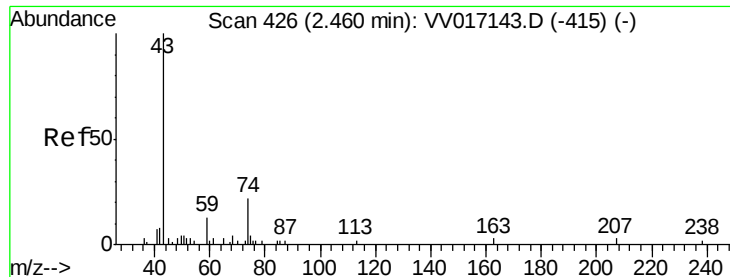
2.10

2.15

2.20

Time-->

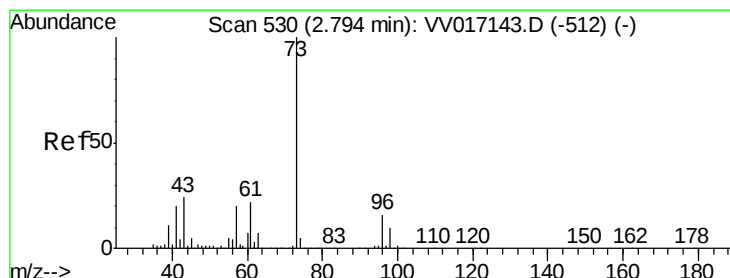
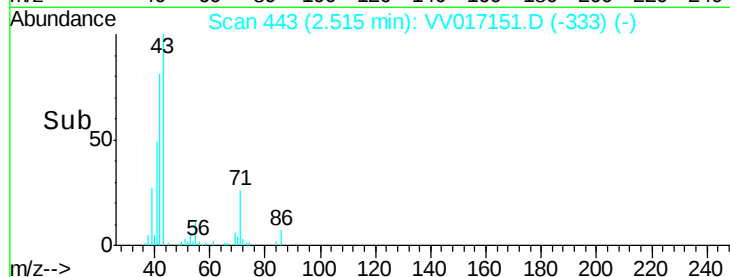
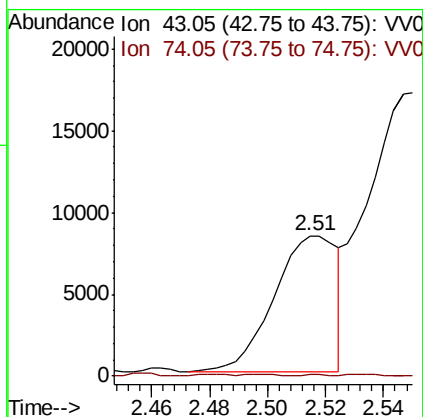
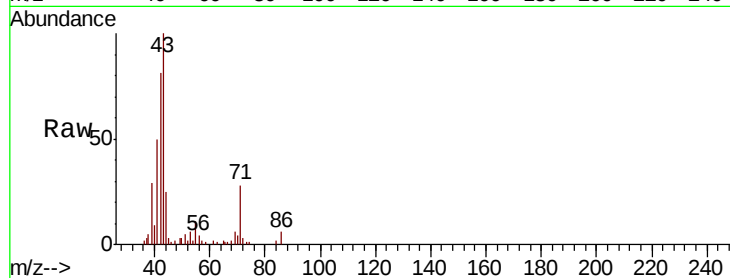




#15  
Methyl Acetate  
Concen: 4.038 ug/L  
RT: 2.51 min Scan# 443  
Delta R.T. 0.05 min  
Lab File: VV017151.D  
Acq: 26 Jun 2020 01:35

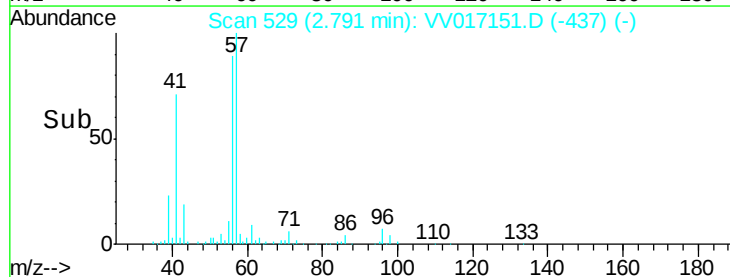
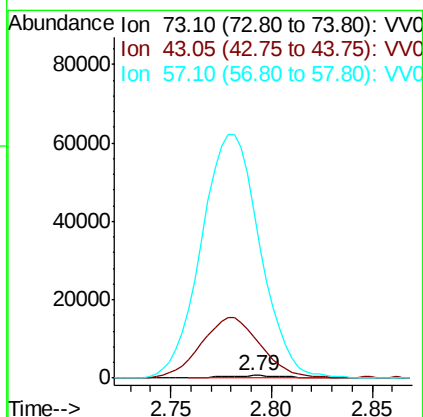
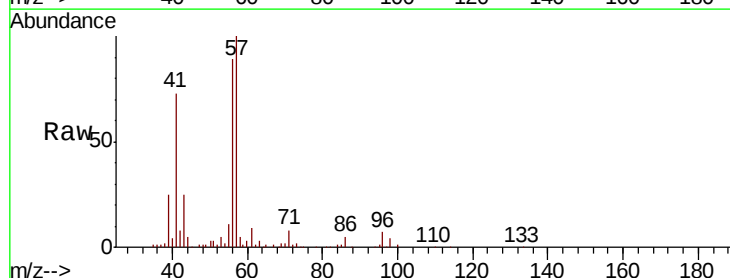
Instrument :  
MSVOA\_V  
ClientSampleId :  
BFXP1

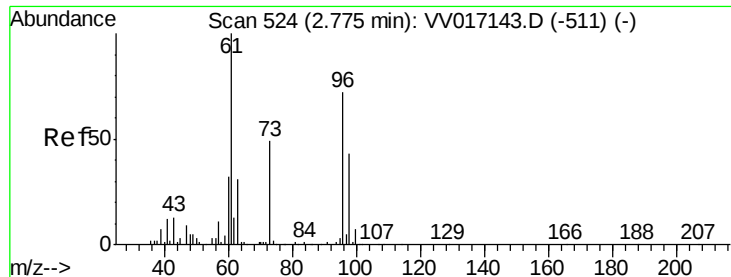
Tot Ion: 43 Resp: 12521  
Ion Ratio Lower Upper  
43 100  
74 0.3 19.1 28.7#



#17  
Methyl tert-butyl Ether  
Concen: 0.078 ug/L  
RT: 2.79 min Scan# 529  
Delta R.T. -0.00 min  
Lab File: VV017151.D  
Acq: 26 Jun 2020 01:35

Tgt Ion: 73 Resp: 1534  
Ion Ratio Lower Upper  
73 100  
43 2036.5 18.6 28.0#  
57 8140.5 16.4 24.6#

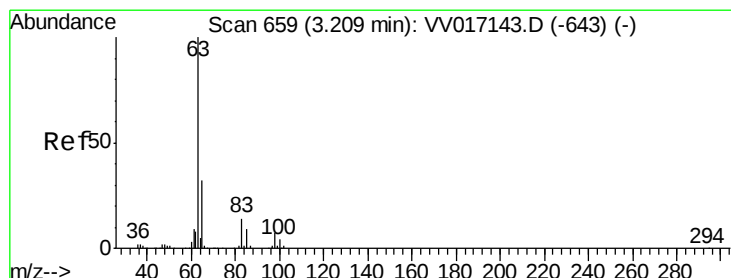
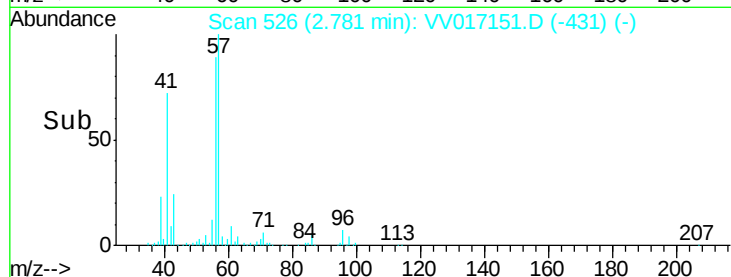
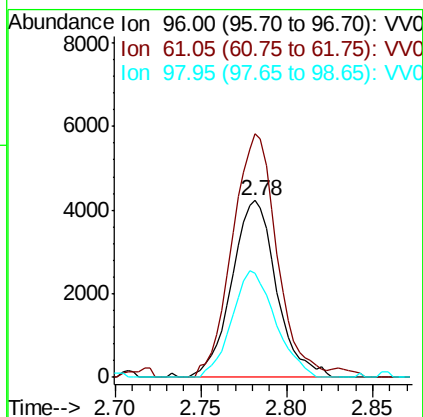
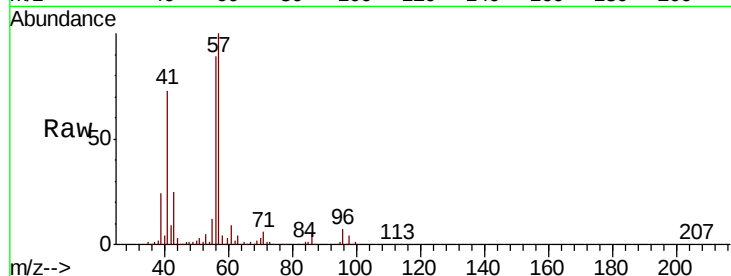




#18  
trans-1,2-Dichloroethene  
Concen: 0.918 ug/L  
RT: 2.78 min Scan# 526  
Delta R.T. 0.01 min  
Lab File: VV017151.D  
Acq: 26 Jun 2020 01:35

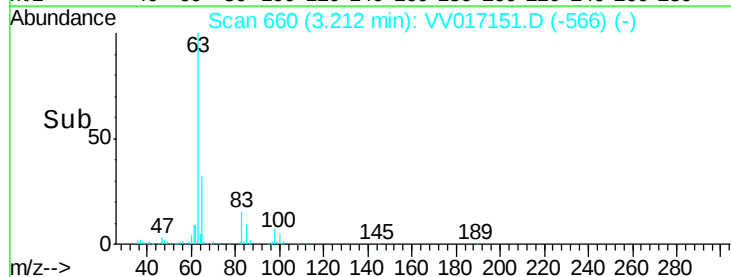
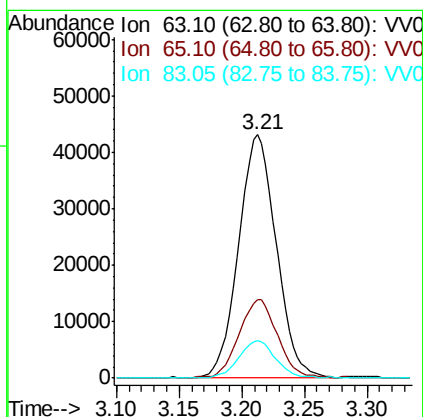
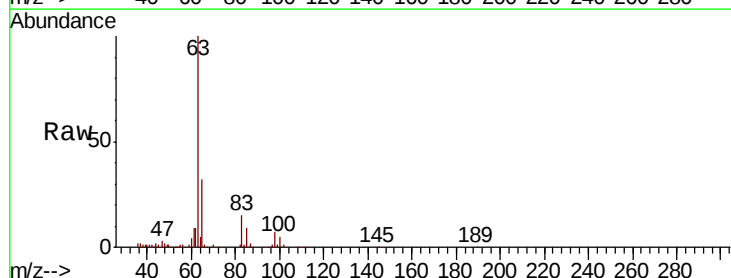
Instrument :  
MSVOA\_V  
ClientSampleId :  
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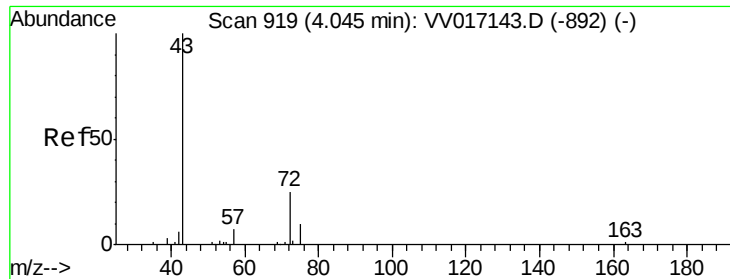
Tot Ion: 96 Resp: 7654  
Ion Ratio Lower Upper  
96 100  
61 137.7 102.3 189.9  
98 58.7 44.7 82.9



#19  
1,1-Dichloroethane  
Concen: 4.819 ug/L  
RT: 3.21 min Scan# 660  
Delta R.T. 0.00 min  
Lab File: VV017151.D  
Acq: 26 Jun 2020 01:35

Tgt Ion: 63 Resp: 90329  
Ion Ratio Lower Upper  
63 100  
65 32.0 21.8 40.4  
83 15.2 9.7 17.9





#21

2-Butanone

Concen: 18.499 ug/L

RT: 3.79 min Scan# 839

Delta R.T. -0.26 min

Lab File: VV017151.D

Acq: 26 Jun 2020 01:35

Instrument :

MSVOA\_V

ClientSampled :

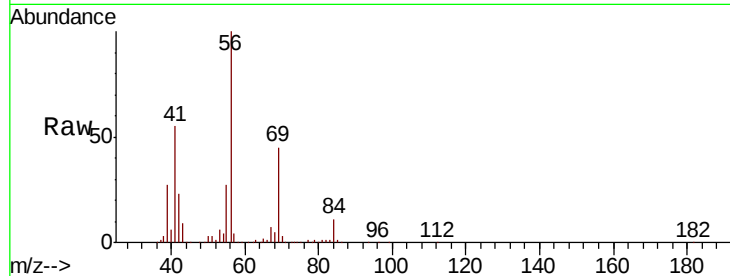
BFXP1

Tot Ion: 43 Resp: 44227

Ion Ratio Lower Upper

43 100

72 27.9 12.4 37.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0

20000

15000

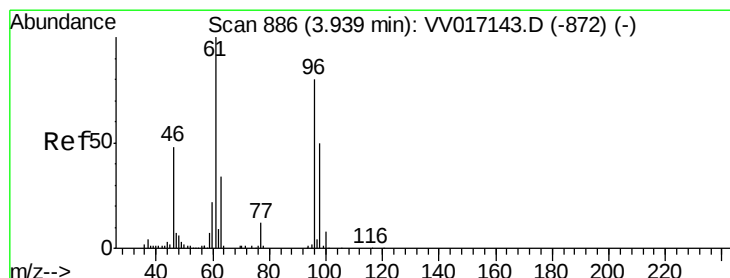
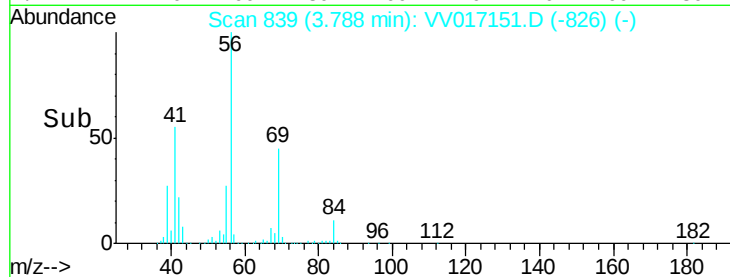
10000

5000

0

3.75 3.80 3.85

Time-->



#22

cis-1,2-Dichloroethene

Concen: 94.642 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV017151.D

Acq: 26 Jun 2020 01:35

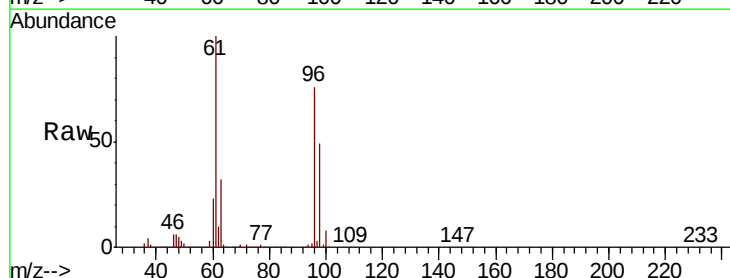
Tgt Ion: 96 Resp: 1079583

Ion Ratio Lower Upper

96 100

61 130.7 91.0 169.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

800000

600000

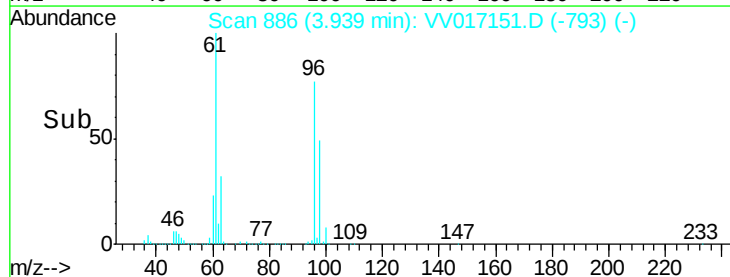
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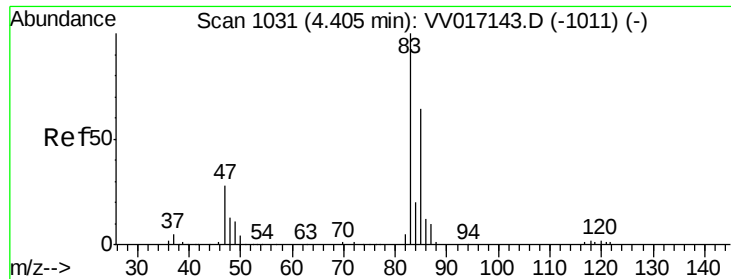
200000

0

3.80 3.90 4.00

Time-->

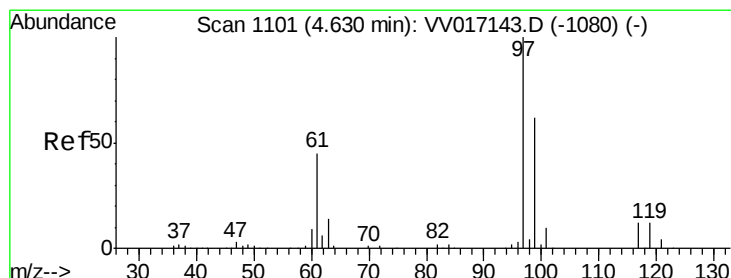
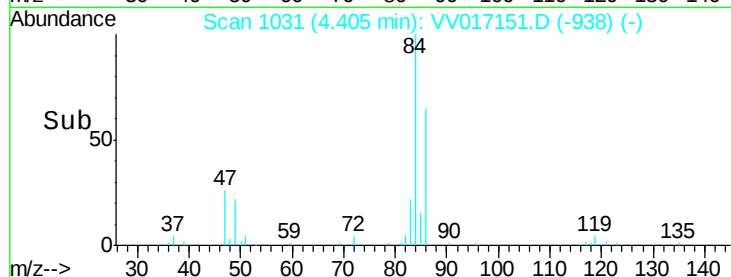
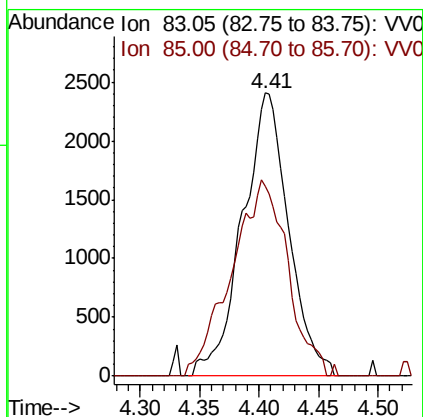
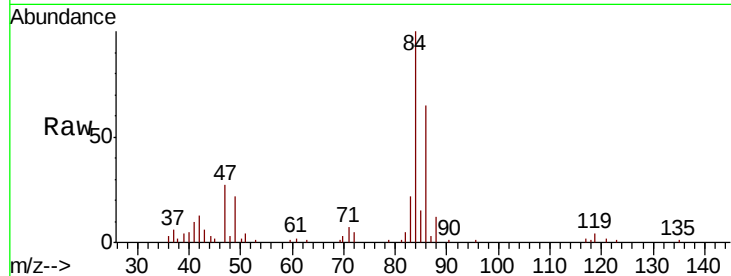




#25  
Chloroform  
Concen: 0.317 ug/L  
RT: 4.41 min Scan# 1031  
Delta R.T. -0.00 min  
Lab File: VV017151.D  
Acq: 26 Jun 2020 01:35

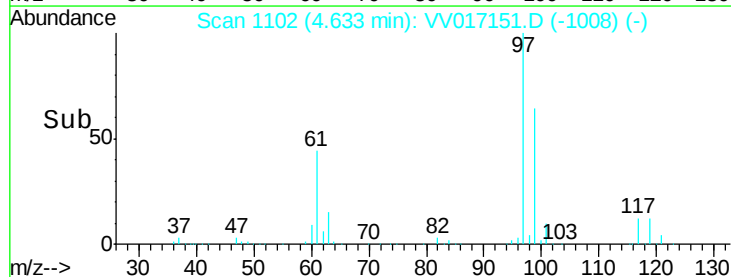
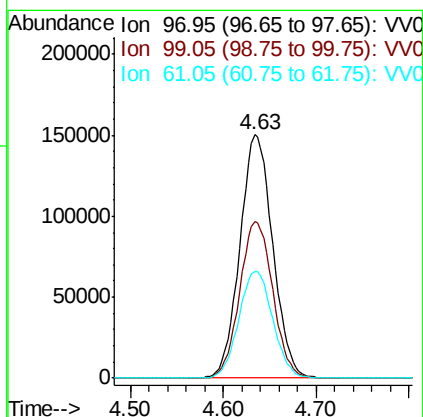
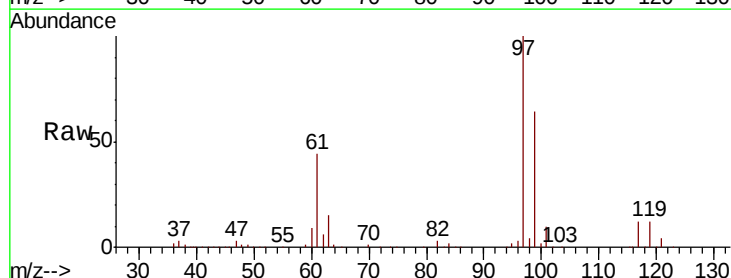
Instrument :  
MSVOA\_V  
ClientSampled :  
BFXP1

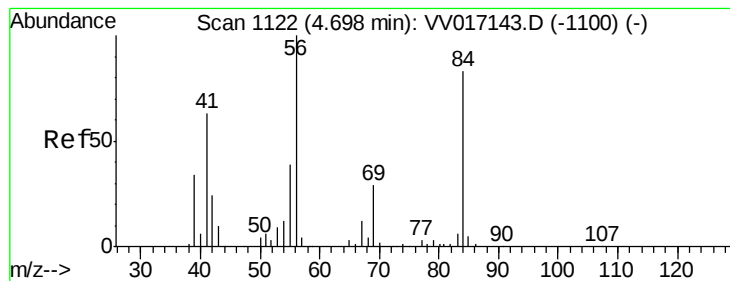
Tot Ion: 83 Resp: 6482  
Ion Ratio Lower Upper  
83 100  
85 67.3 44.2 82.2



#29  
1,1,1-Trichloroethane  
Concen: 19.422 ug/L  
RT: 4.63 min Scan# 1102  
Delta R.T. 0.00 min  
Lab File: VV017151.D  
Acq: 26 Jun 2020 01:35

Tgt Ion: 97 Resp: 369600  
Ion Ratio Lower Upper  
97 100  
99 64.9 50.3 75.5  
61 45.2 36.0 54.0

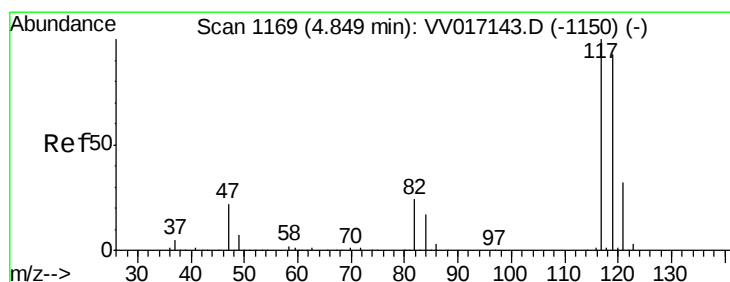
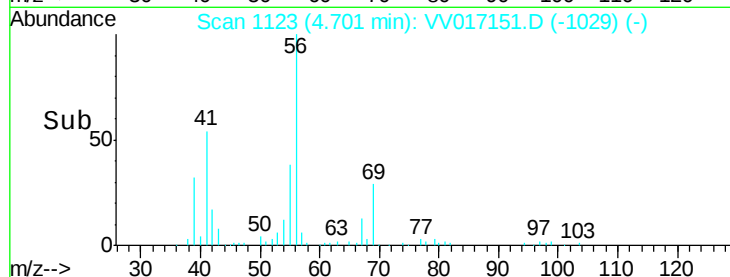
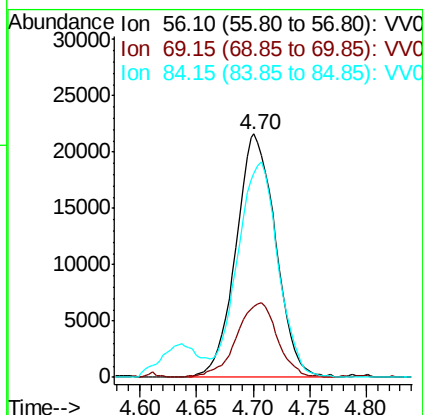
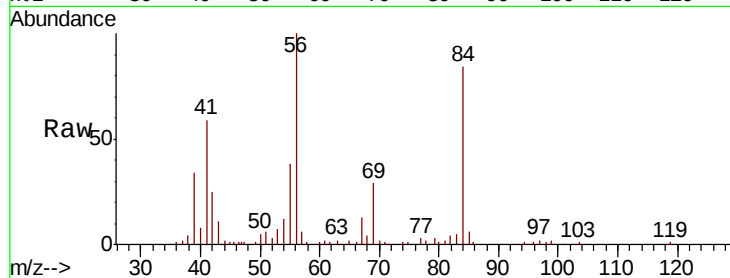




#30  
Cyclohexane  
Concen: 2.917 ug/L  
RT: 4.70 min Scan# 1123  
Delta R.T. 0.00 min  
Lab File: VV017151.D  
Acq: 26 Jun 2020 01:35

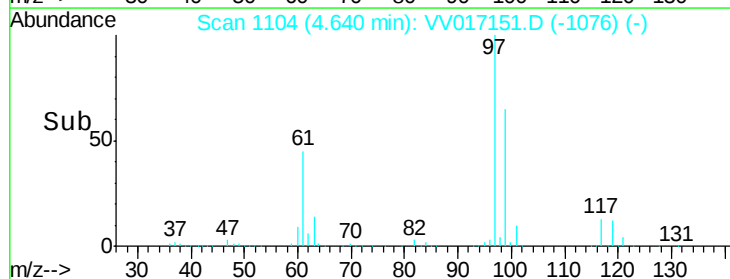
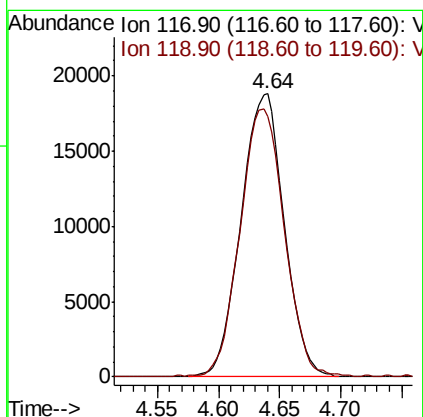
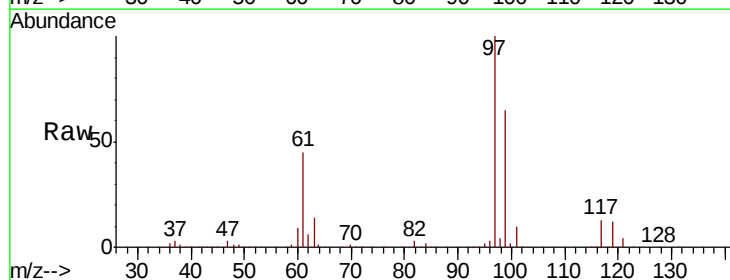
Instrument :  
MSVOA\_V  
ClientSampleId :  
BFXP1

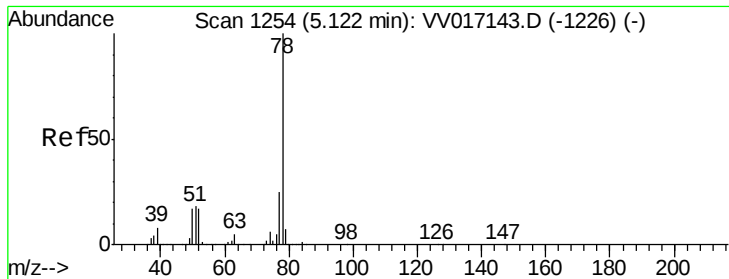
Tot Ion: 56 Resp: 52820  
Ion Ratio Lower Upper  
56 100  
69 31.7 24.4 36.6  
84 90.1 69.9 104.9



#31  
Carbon tetrachloride  
Concen: 2.685 ug/L  
RT: 4.64 min Scan# 1104  
Delta R.T. -0.21 min  
Lab File: VV017151.D  
Acq: 26 Jun 2020 01:35

Tgt Ion: 117 Resp: 46101  
Ion Ratio Lower Upper  
117 100  
119 97.4 77.8 116.8





#33

Benzene

Concen: 0.388 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV017151.D

Acq: 26 Jun 2020 01:35

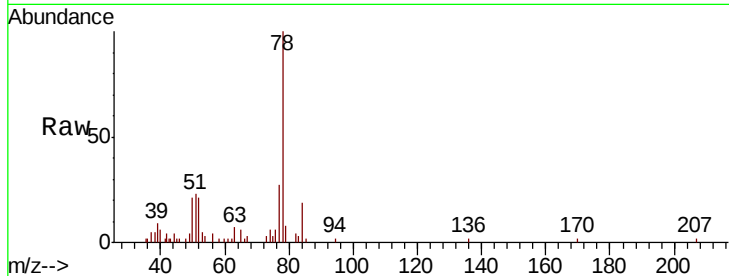
Instrument :

MSVOA\_V

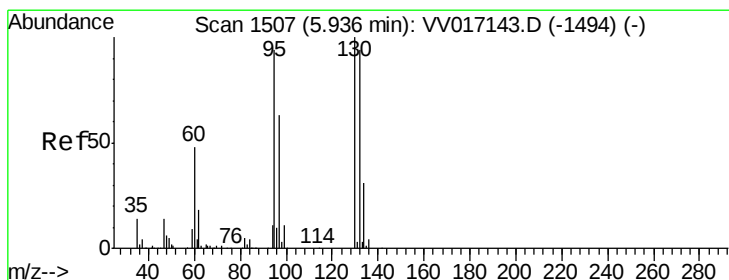
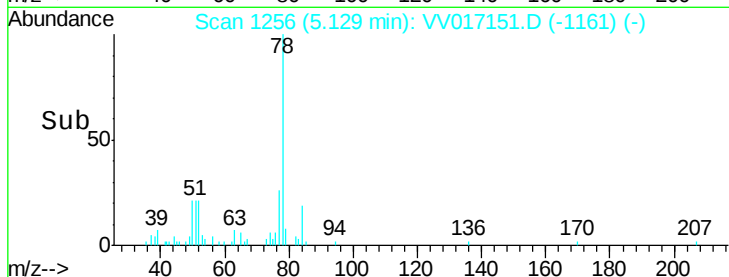
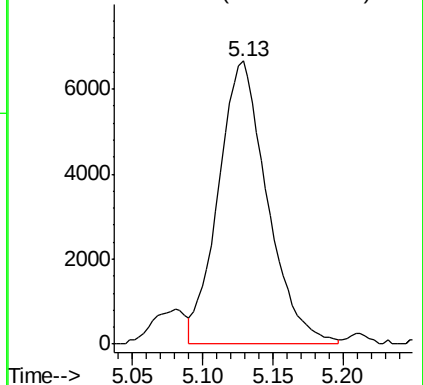
ClientSampleId :

BFXP1

Tgt Ion: 78 Resp: 16143



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 6.577 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017151.D

Acq: 26 Jun 2020 01:35

Tgt Ion: 95 Resp: 80112

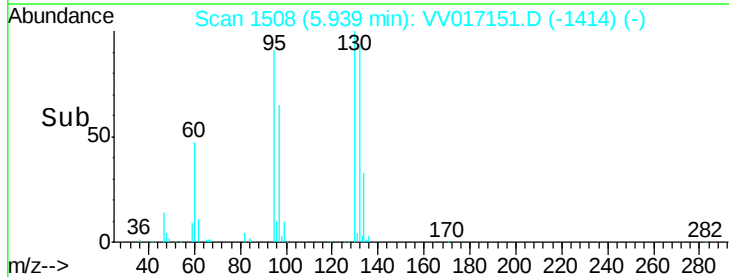
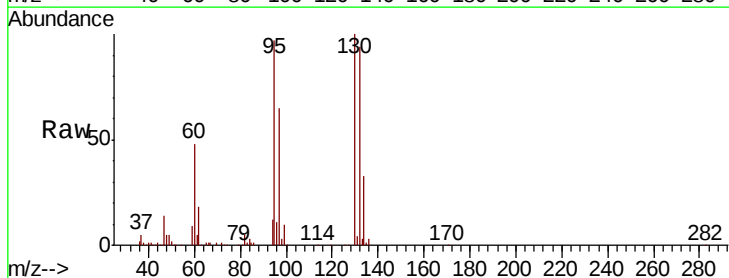
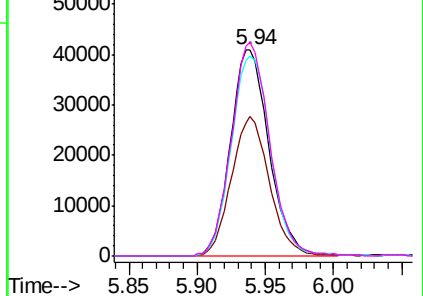
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 67.6  | 45.3  | 84.1  |
| 132 | 96.8  | 68.8  | 127.8 |
| 130 | 103.5 | 70.2  | 130.4 |

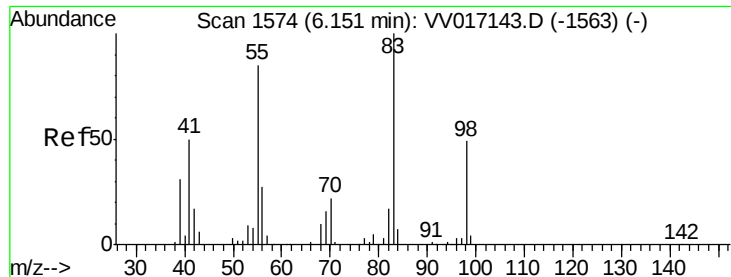
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

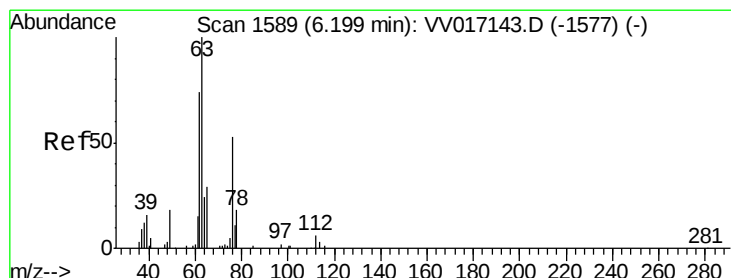
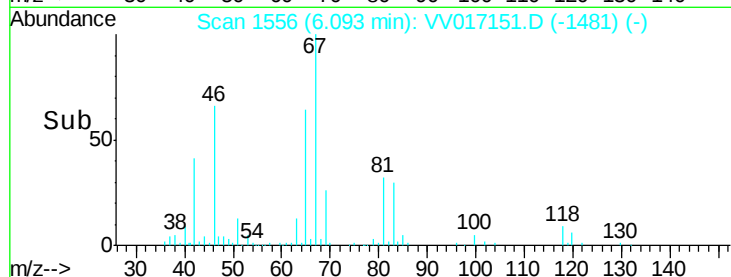
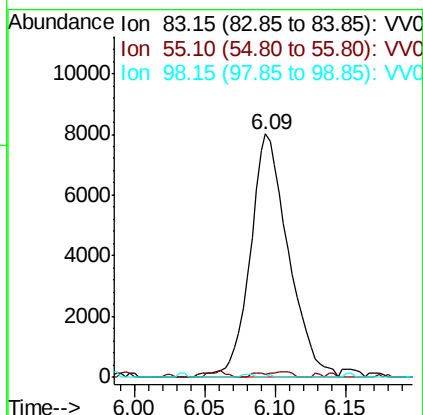
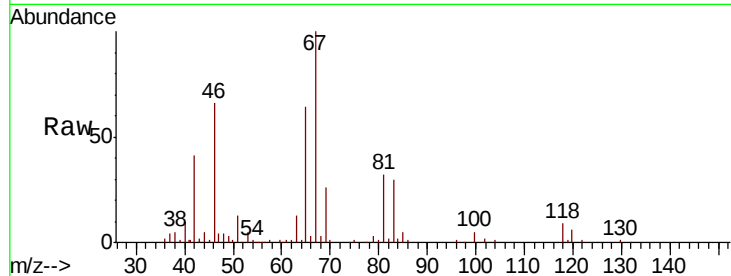




#35  
Methvlcvclohexane  
Concen: 0.801 ug/L  
RT: 6.09 min Scan# 1556  
Delta R.T. -0.06 min  
Lab File: VV017151.D  
Acq: 26 Jun 2020 01:35

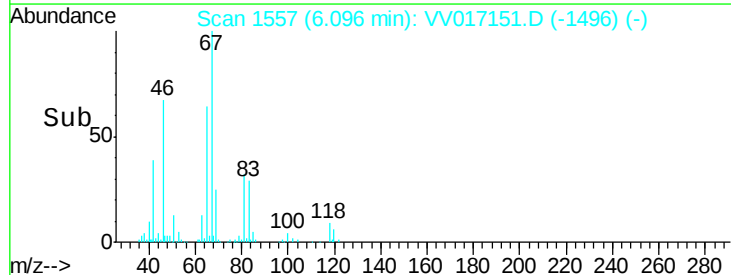
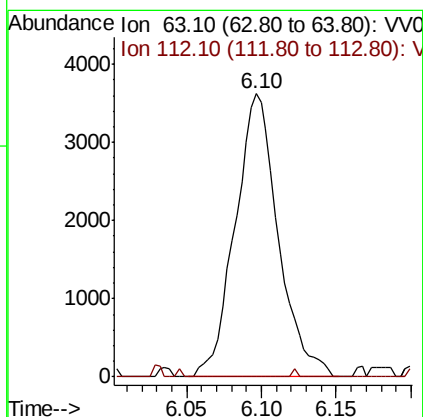
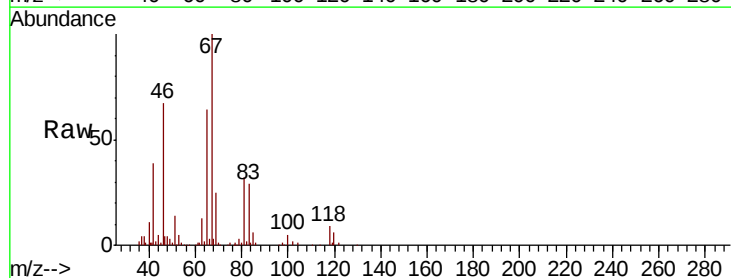
Instrument :  
MSVOA\_V  
ClientSampled :  
BFXP1

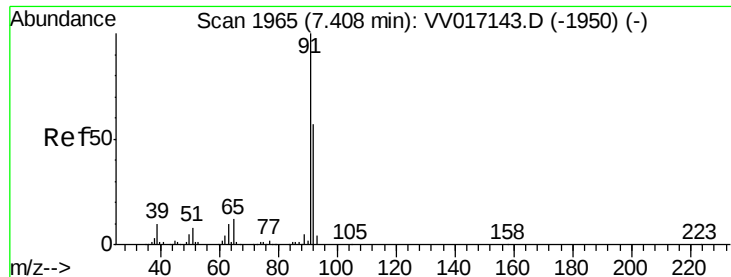
Tot Ion: 83 Resp: 15172  
Ion Ratio Lower Upper  
83 100  
55 0.7 63.6 95.4#  
98 0.0 38.8 58.2#



#37  
1,2-Dichloropropane  
Concen: 0.705 ug/L  
RT: 6.10 min Scan# 1557  
Delta R.T. -0.10 min  
Lab File: VV017151.D  
Acq: 26 Jun 2020 01:35

Tgt Ion: 63 Resp: 7258  
Ion Ratio Lower Upper  
63 100  
112 0.3 4.4 6.6#





#42

Toluene

Concen: 0.060 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV017151.D

Acq: 26 Jun 2020 01:35

Instrument :

MSVOA\_V

ClientSampleId :

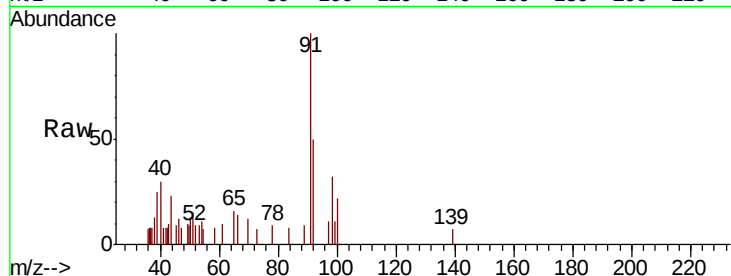
BFXP1

Tot Ion: 91 Resp: 2922

Ion Ratio Lower Upper

91 100

92 50.3 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV017143.D (-1950) (-)

Ion 92.15 (91.85 to 92.85): VV017143.D (-1950) (-)

7.42

1500

1000

500

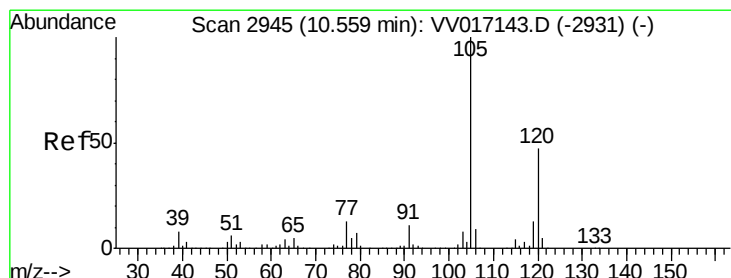
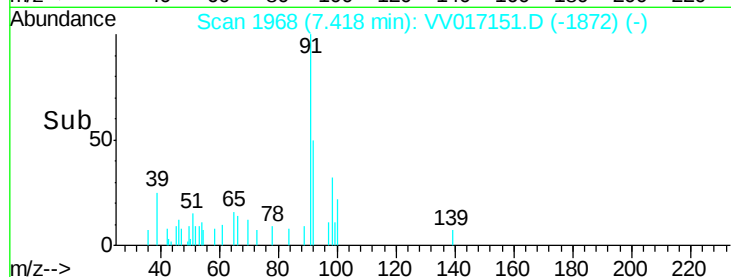
0

7.35

7.40

7.45

Time-->



#43

1,3,5-Trimethylbenzene

Concen: 0.033 ug/L

RT: 10.77 min Scan# 3009

Delta R.T. 0.21 min

Lab File: VV017151.D

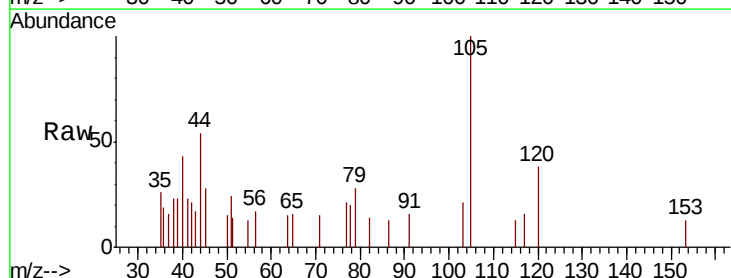
Acq: 26 Jun 2020 01:35

Tgt Ion:105 Resp: 1412

Ion Ratio Lower Upper

105 100

120 43.1 38.6 57.8



Abundance Ion 105.00 (104.70 to 105.70): VV017143.D (-2931) (-)

Ion 120.00 (119.70 to 120.70): VV017143.D (-2931) (-)

10.77

800

600

400

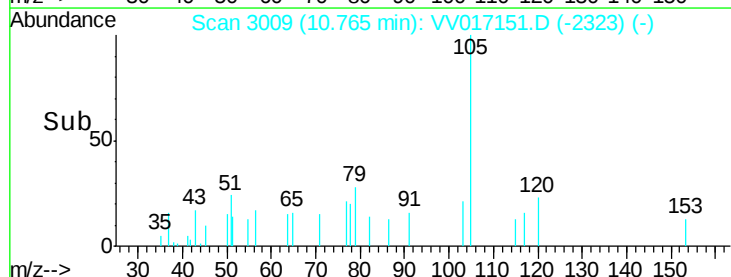
200

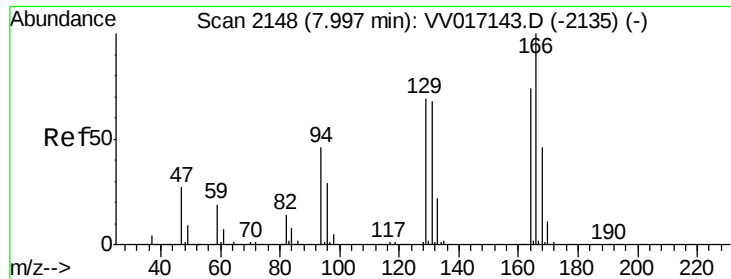
0

10.75

10.80

Time-->





#49

Tetrachloroethene

Concen: 0.124 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV017151.D

Acq: 26 Jun 2020 01:35

Instrument :

MSVOA\_V

ClientSampleId :

BFXP1

Tot Ion:164 Resp: 1216

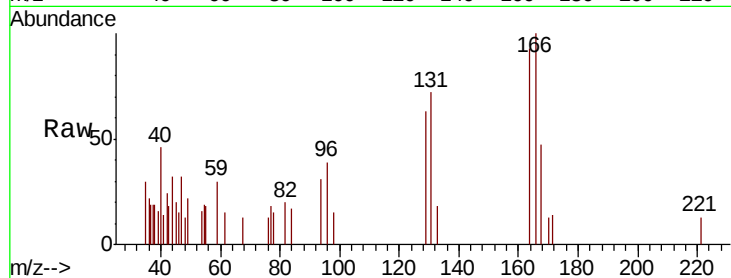
Ion Ratio Lower Upper

164 100

129 67.7 65.2 121.0

131 77.7 64.1 119.1

166 108.0 90.2 167.4

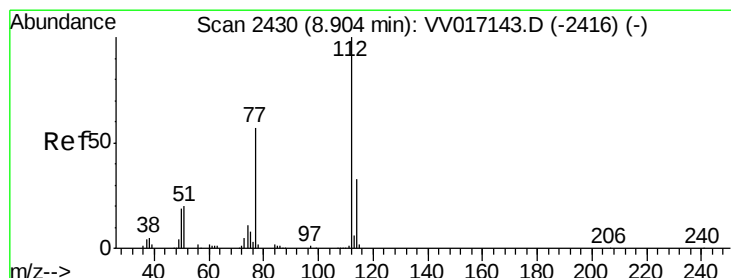
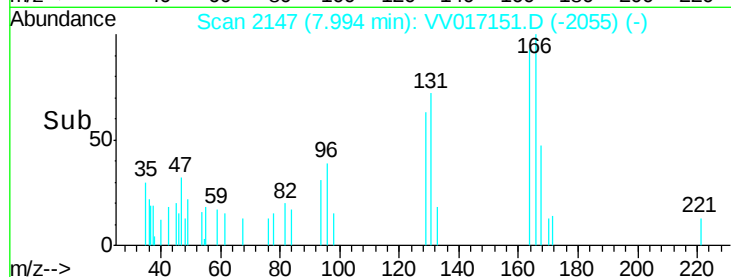
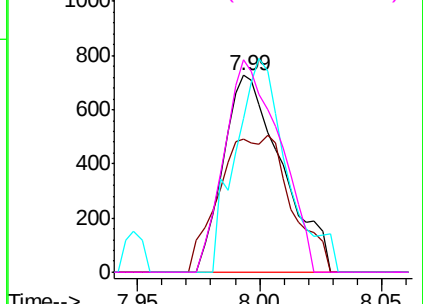


Abundance Ion 163.90 (163.60 to 164.60): V

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



#53

Chlorobenzene

Concen: 5.014 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV017151.D

Acq: 26 Jun 2020 01:35

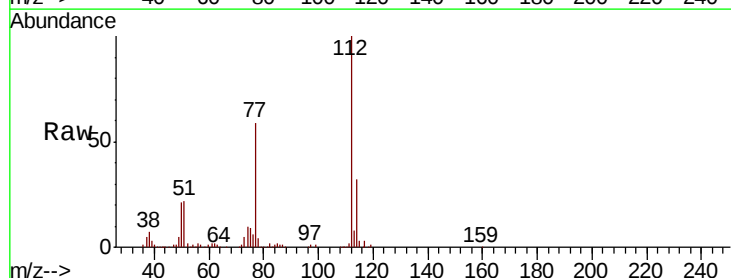
Tgt Ion:112 Resp: 151169

Ion Ratio Lower Upper

112 100

114 31.9 22.0 41.0

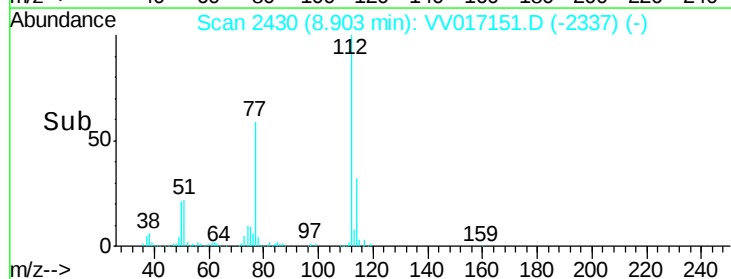
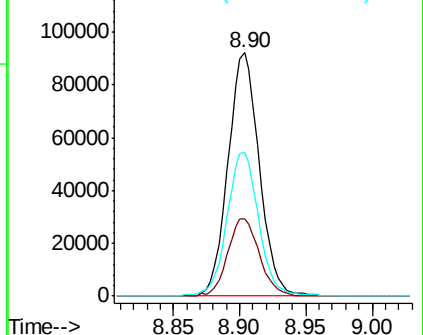
77 59.2 46.0 69.0

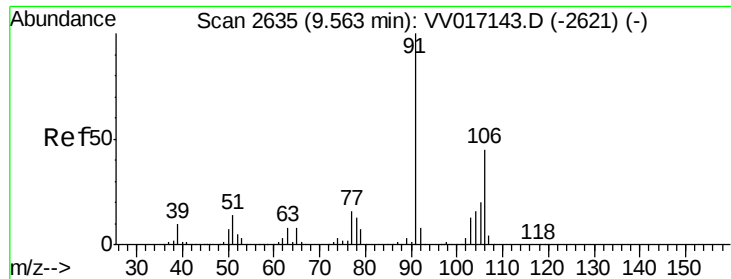


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

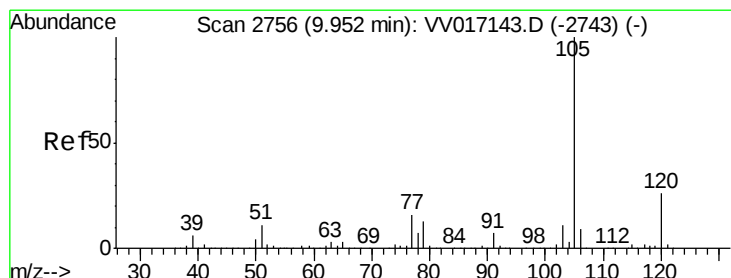
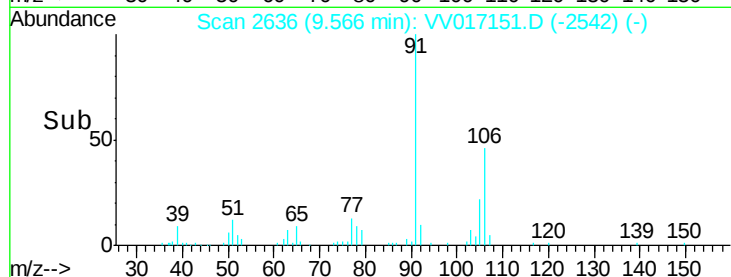
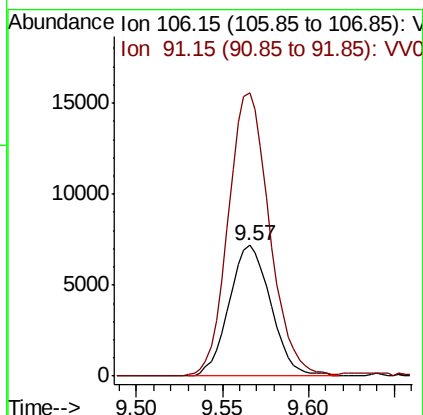
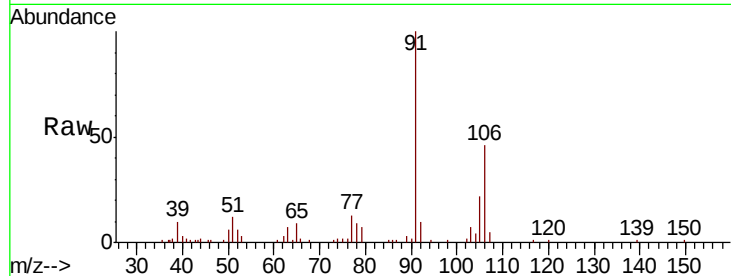




#56  
o-xylene  
Concen: 0.643 ug/L  
RT: 9.57 min Scan# 2636  
Delta R.T. 0.00 min  
Lab File: VV017151.D  
Acq: 26 Jun 2020 01:35

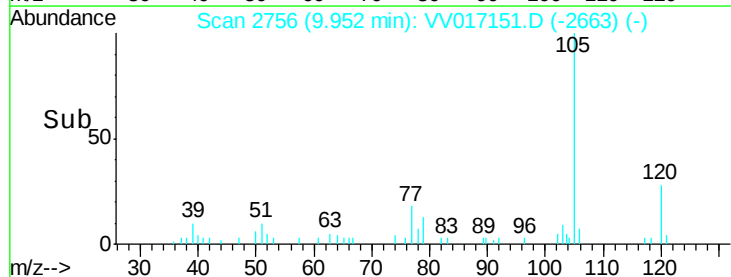
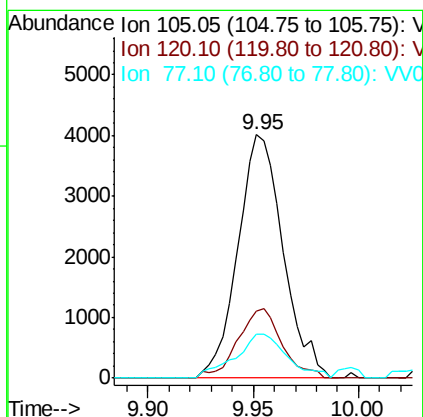
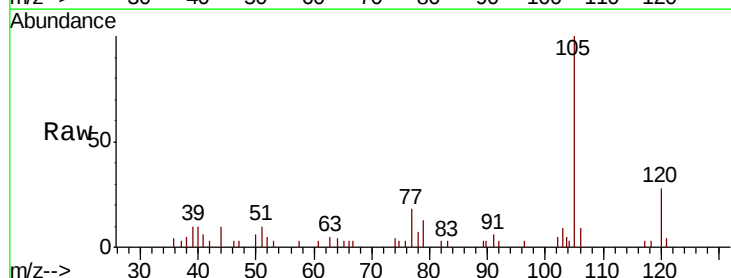
Instrument :  
MSVOA\_V  
ClientSampleId :  
BFXP1

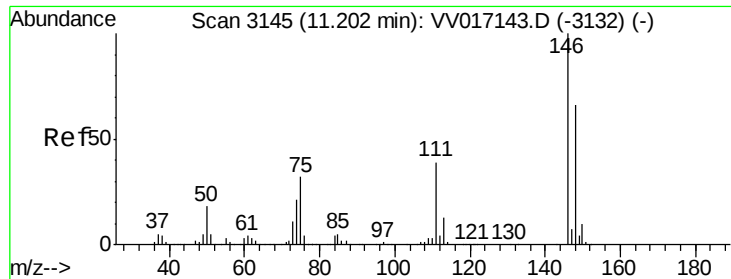
Tot Ion:106 Resp: 12144  
Ion Ratio Lower Upper  
106 100  
91 216.6 153.6 285.2



#58  
Isopropylbenzene  
Concen: 0.115 ug/L  
RT: 9.95 min Scan# 2756  
Delta R.T. -0.00 min  
Lab File: VV017151.D  
Acq: 26 Jun 2020 01:35

Tgt Ion:105 Resp: 5975  
Ion Ratio Lower Upper  
105 100  
120 27.8 21.2 31.8  
77 20.6 13.0 19.4#





#63

1,3-Dichlorobenzene

Concen: 0.671 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV017151.D

Acq: 26 Jun 2020 01:35

Instrument :

MSVOA\_V

ClientSampleId :

BFXP1

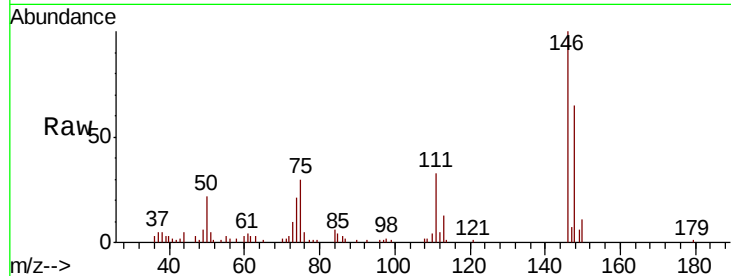
Tot Ion:146 Resp: 14839

Ion Ratio Lower Upper

146 100

111 32.6 29.2 54.2

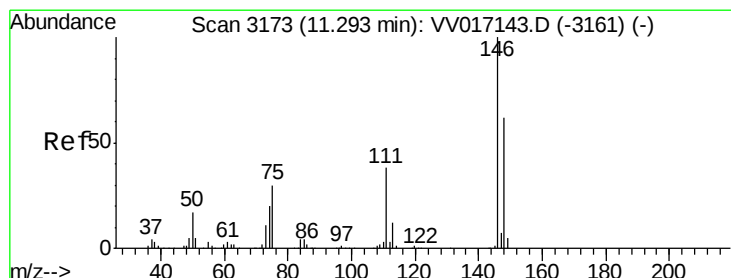
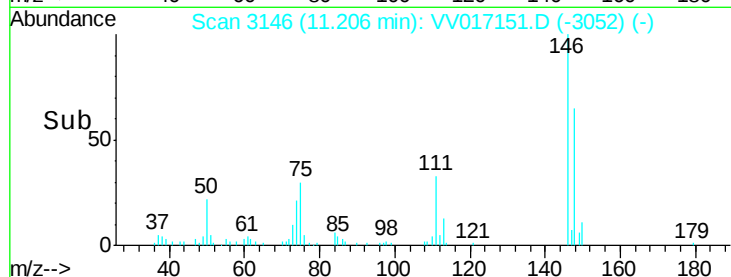
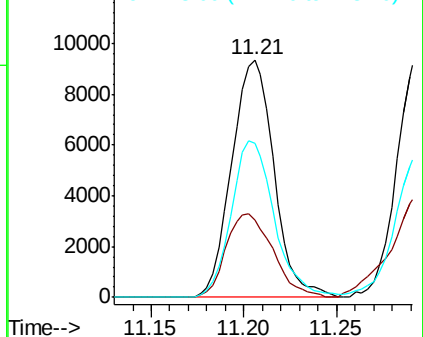
148 64.9 44.9 83.5



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



#64

1,4-Dichlorobenzene

Concen: 0.707 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV017151.D

Acq: 26 Jun 2020 01:35

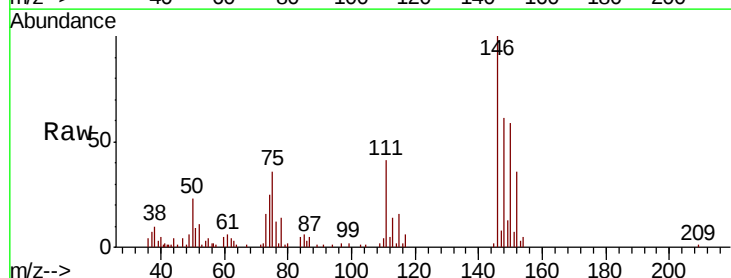
Tgt Ion:146 Resp: 15897

Ion Ratio Lower Upper

146 100

111 40.8 27.4 50.8

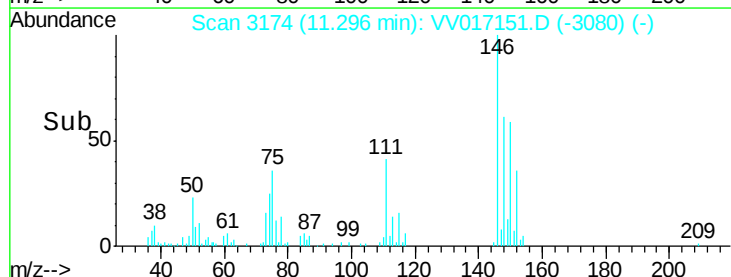
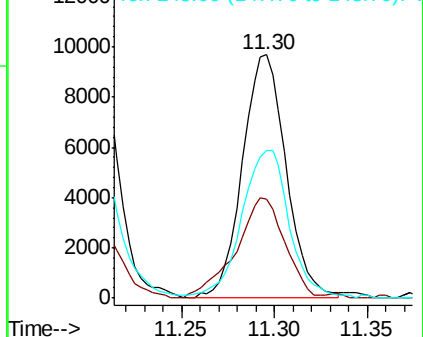
148 60.7 44.3 82.3

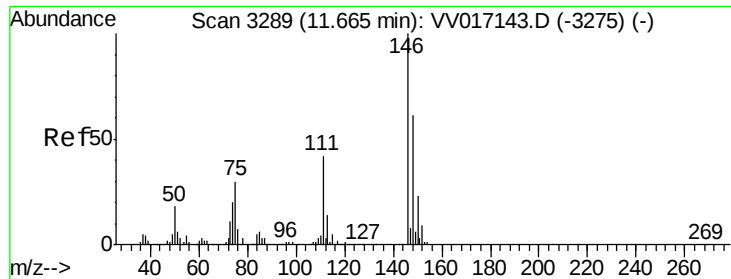


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

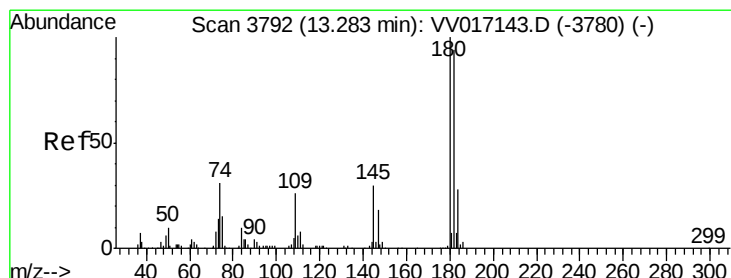
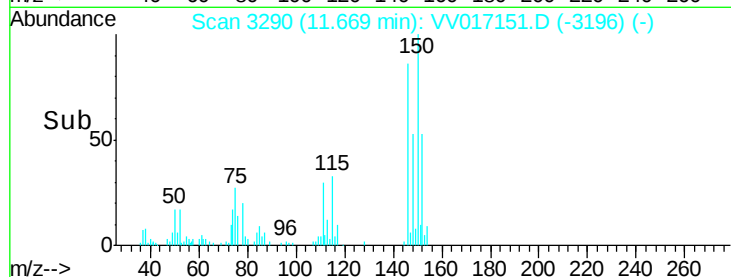
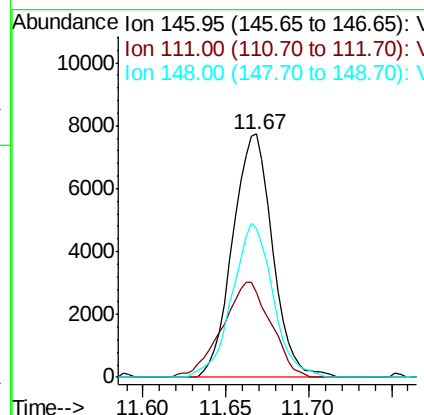
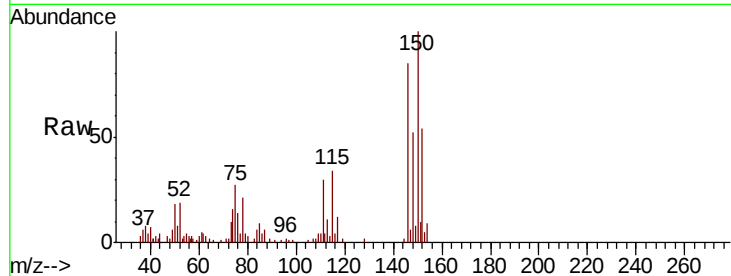




#66  
 1,2-Dichlorobenzene  
 Concen: 0.644 ug/L  
 RT: 11.67 min Scan# 3290  
 Delta R.T. 0.00 min  
 Lab File: VV017151.D  
 Acq: 26 Jun 2020 01:35

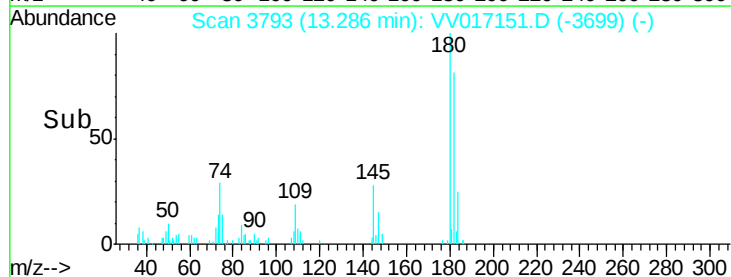
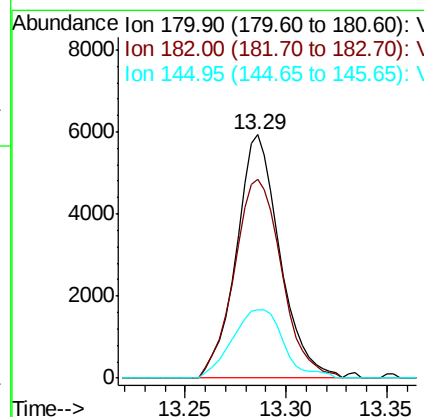
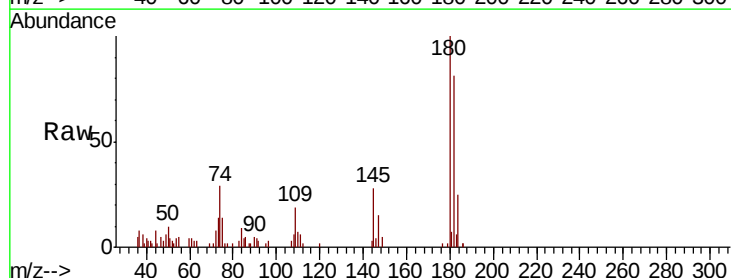
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFXP1

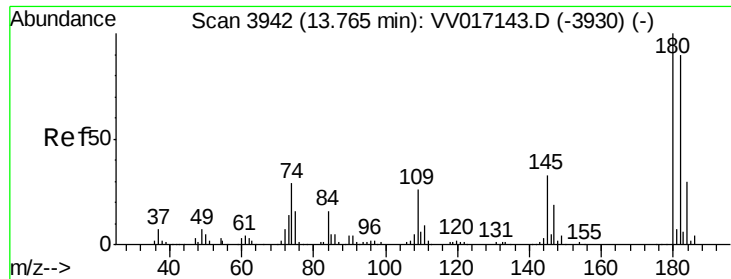
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 34.9  | 34.4  | 51.6  |
| 148     | 61.2  | 49.9  | 74.9  |



#69  
 1,2,4-trichlorobenzene  
 Concen: 0.612 ug/L  
 RT: 13.29 min Scan# 3793  
 Delta R.T. 0.00 min  
 Lab File: VV017151.D  
 Acq: 26 Jun 2020 01:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 89.0  | 76.6  | 114.8 |
| 145     | 33.1  | 25.0  | 37.6  |

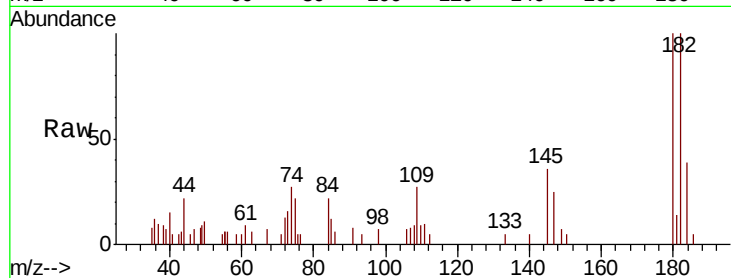




#71  
 1,2,3-Trichlorobenzene  
 Concen: 0.300 ug/L  
 RT: 13.77 min Scan# 3944  
 Delta R.T. 0.01 min  
 Lab File: VV017151.D  
 Acq: 26 Jun 2020 01:35

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFXP1

Tot Ion:180 Resp: 3584  
 Ion Ratio Lower Upper  
 180 100  
 182 101.6 77.4 116.0  
 145 39.1 25.9 38.9#



Abundance Ion 179.90 (179.60 to 180.60): V  
 Ion 181.90 (181.60 to 182.60): V  
 Ion 144.95 (144.65 to 145.65): V

