

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\  
 Data File : VN056252.D  
 Acq On : 12 Jun 2019 16:37  
 Operator : JC/SP  
 Sample : K3315-08  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TT101D-20190610

Quant Time: Jun 13 04:33:46 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N060419W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 04 11:02:09 2019  
 Response via : Initial Calibration

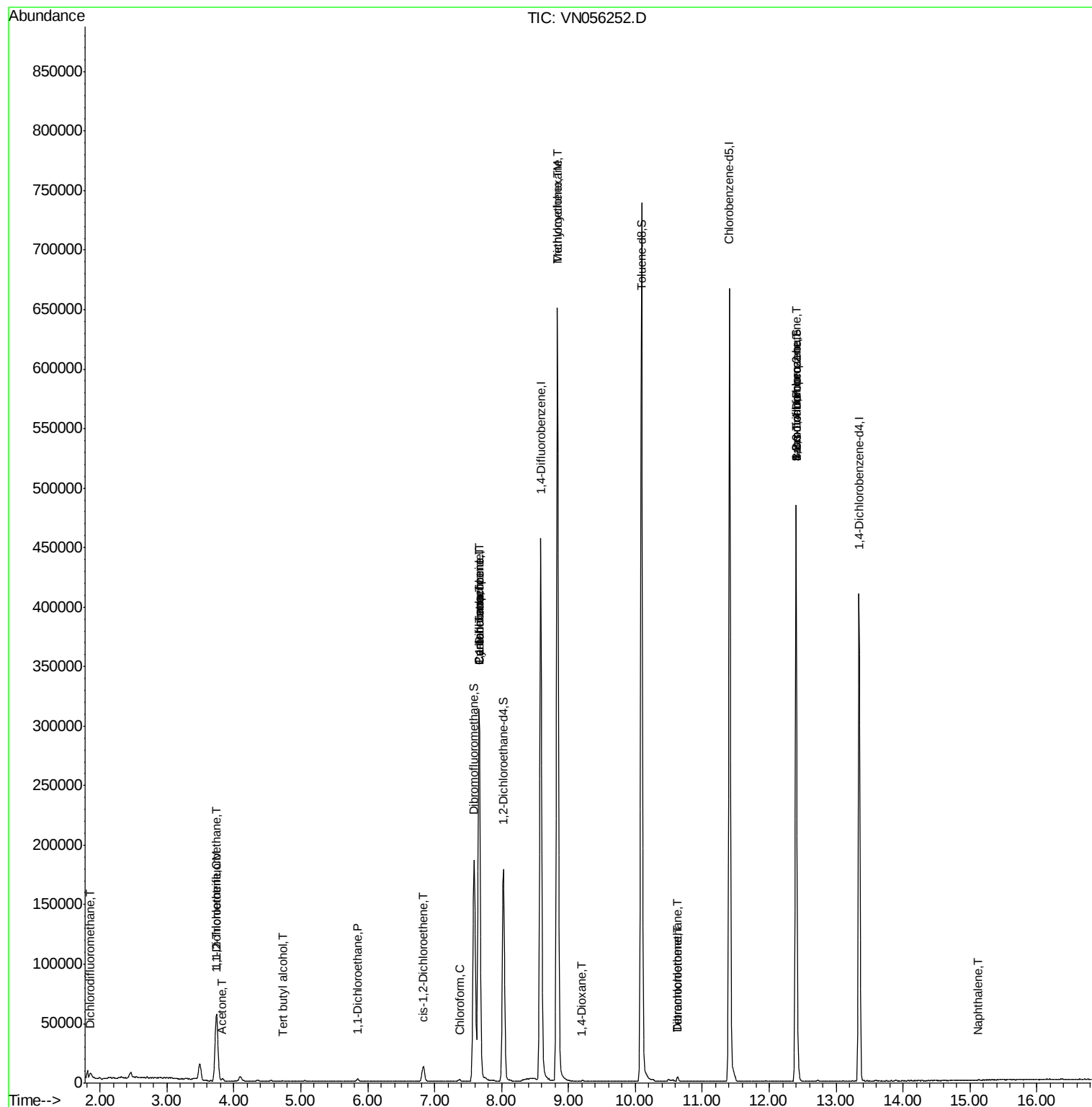
| Internal Standards             | R.T.  | QIon | Response | Conc      | Units   | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|---------|----------|
| 1) Pentafluorobenzene          | 7.66  | 168  | 299416   | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 8.59  | 114  | 445839   | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 11.41 | 117  | 434118   | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 13.34 | 152  | 128041   | 50.00     | ug/l    | 0.00     |
| System Monitoring Compounds    |       |      |          |           |         |          |
| 33) 1,2-Dichloroethane-d4      | 8.03  | 65   | 151054   | 50.81     | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =         | 101.62% |          |
| 35) Dibromofluoromethane       | 7.59  | 113  | 144820   | 52.94     | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =         | 105.88% |          |
| 50) Toluene-d8                 | 10.09 | 98   | 553439   | 52.58     | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =         | 105.16% |          |
| 62) 4-Bromofluorobenzene       | 12.40 | 95   | 168297   | 47.02     | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =         | 94.04%  |          |
| Target Compounds               |       |      |          |           |         |          |
|                                |       |      |          |           | Qvalue  |          |
| 2) Dichlorodifluoromethane     | 1.85  | 85   | 3333     | 1.361     | ug/l    | 91       |
| 9) 1,1,2-Trichlorotrifluoroet  | 3.74  | 101  | 31918    | 12.642    | ug/l    | 97       |
| 11) Tert butyl alcohol         | 4.73  | 59   | 144      | 0.278     | ug/l #  | 74       |
| 12) 1,1-Dichloroethene         | 3.73  | 96   | 6224     | 2.476     | ug/l    | 85       |
| 16) Acetone                    | 3.83  | 43   | 3126     | 2.199     | ug/l    | 99       |
| 18) Methyl Acetate             | 4.33  | 43   | 1271     | Below Cal | #       | 51       |
| 24) 1,1-Dichloroethane         | 5.85  | 63   | 3832     | 0.810     | ug/l #  | 83       |
| 27) cis-1,2-Dichloroethene     | 6.83  | 96   | 9511     | 3.004     | ug/l    | 88       |
| 30) Chloroform                 | 7.37  | 83   | 1991     | 0.418     | ug/l #  | 74       |
| 31) Cyclohexane                | 7.66  | 56   | 3691     | 0.782     | ug/l #  | 1        |
| 36) 1,1-Dichloropropene        | 7.66  | 75   | 16812    | 4.385     | ug/l #  | 48       |
| 38) Carbon Tetrachloride       | 7.66  | 117  | 23868    | 6.753     | ug/l #  | 15       |
| 39) Methylcyclohexane          | 8.83  | 83   | 2688     | 0.563     | ug/l #  | 1        |
| 44) Trichloroethene            | 8.83  | 130  | 270416   | 80.824    | ug/l    | 97       |
| 49) 1,4-Dioxane                | 9.21  | 88   | 721      | 12.350    | ug/l #  | 81       |
| 60) Dibromochloromethane       | 10.63 | 129  | 902      | 2.723     | ug/l #  | 11       |
| 64) Tetrachloroethene          | 10.63 | 164  | 1065     | 0.283     | ug/l #  | 93       |
| 71) Bromoform                  | 12.40 | 173  | 1281     | 3.226     | ug/l #  | 1        |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 76607    | 32.516    | ug/l #  | 100      |
| 79) 2-Chlorotoluene            | 12.59 | 91   | 128      | Below Cal | #       | 39       |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 76607    | 108.283   | ug/l #  | 15       |
| 95) Naphthalene                | 15.13 | 128  | 265      | 3.891     | ug/l #  | 69       |

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056252.D

Acq: 12 Jun 2019 16:37

Instrument :

MSVOA\_N

ClientSampleId :

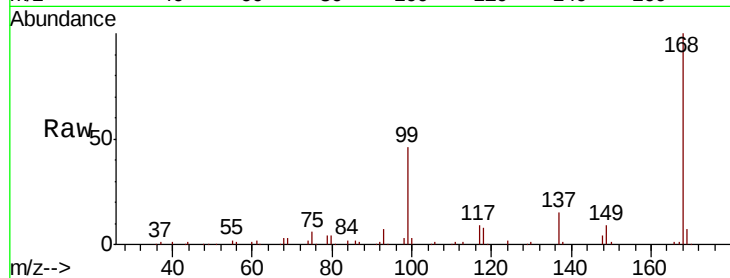
TT101D-20190610

Tot Ion:168 Resp: 299416

Ion Ratio Lower Upper

168 100

99 45.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

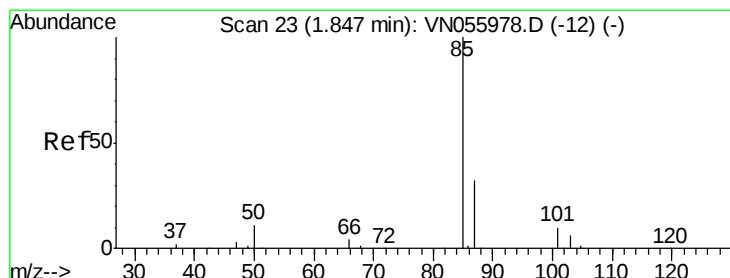
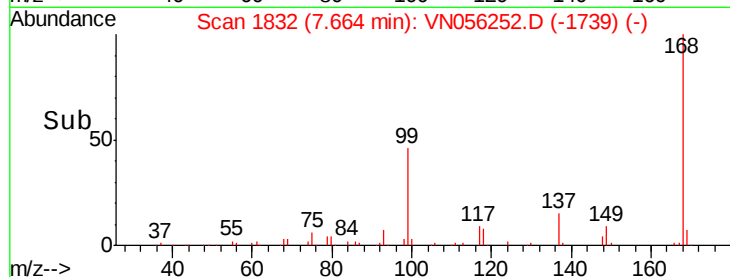
100000

50000

0

Time-->

7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 1.361 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056252.D

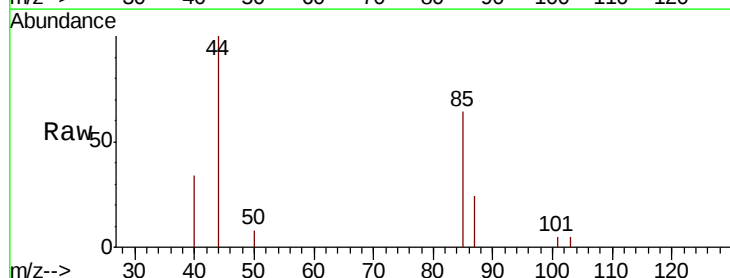
Acq: 12 Jun 2019 16:37

Tgt Ion: 85 Resp: 3333

Ion Ratio Lower Upper

85 100

87 37.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

2500

2000

1500

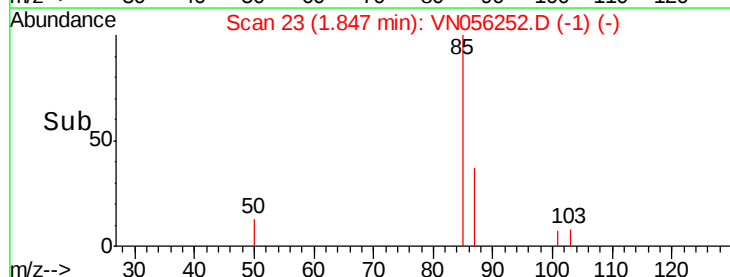
1000

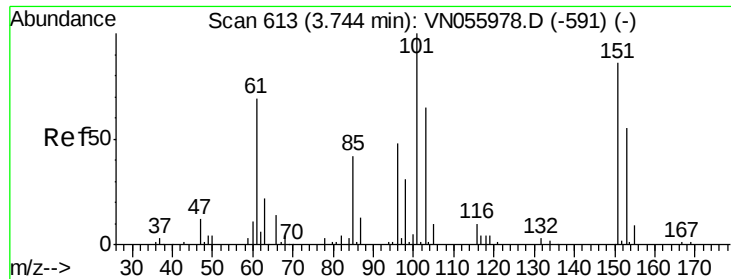
500

0

Time-->

1.80 1.85 1.90





#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.642 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN056252.D

Acq: 12 Jun 2019 16:37

Instrument :

MSVOA\_N

ClientSampleId :

TT101D-20190610

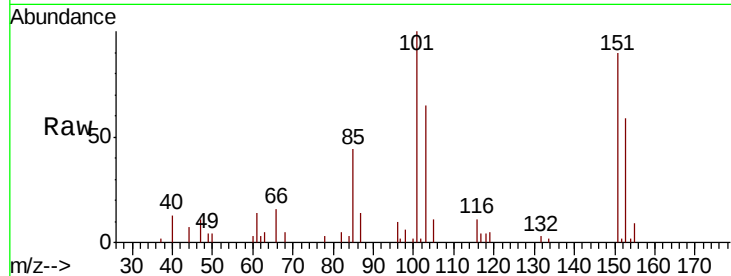
Tot Ion:101 Resp: 31918

Ion Ratio Lower Upper

101 100

85 41.2 33.4 50.2

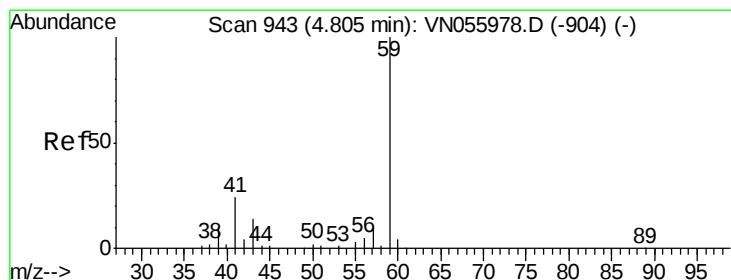
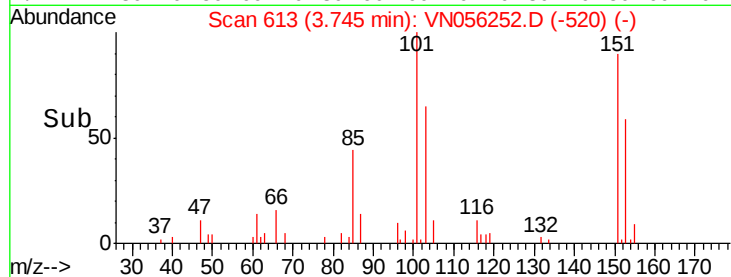
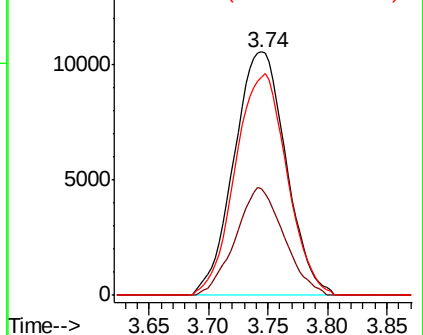
151 90.1 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 0.278 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.07 min

Lab File: VN056252.D

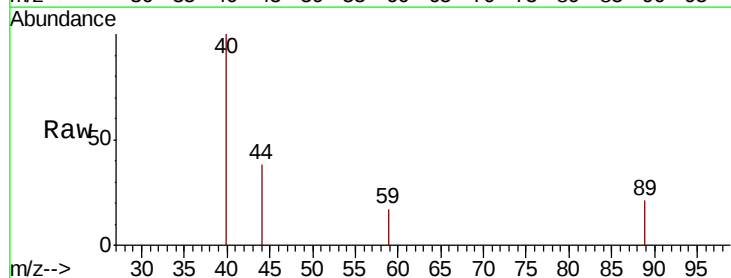
Acq: 12 Jun 2019 16:37

Tgt Ion: 59 Resp: 144

Ion Ratio Lower Upper

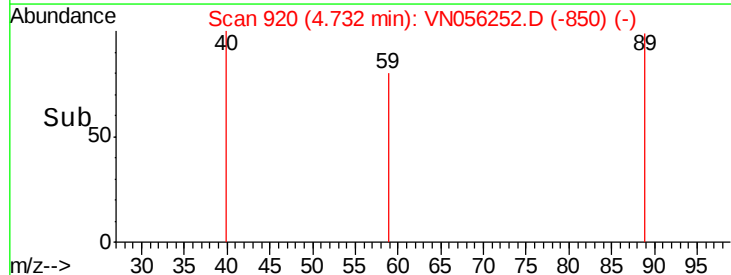
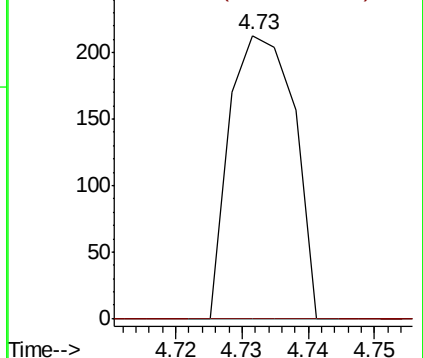
59 100

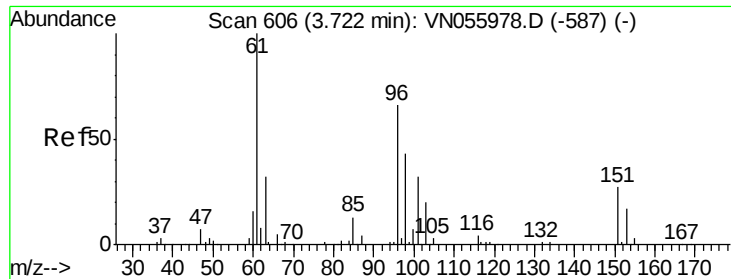
57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

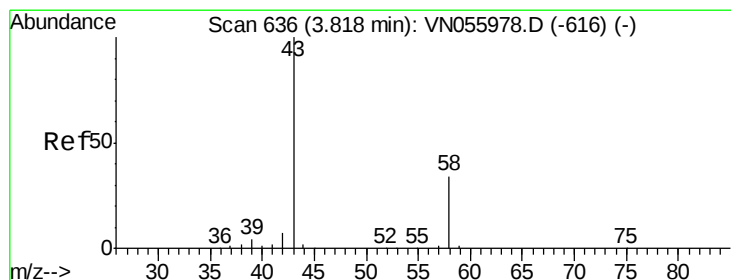
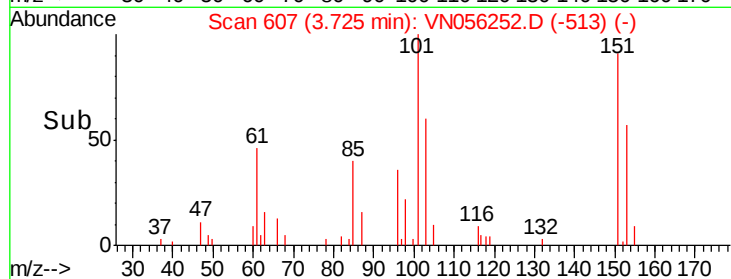
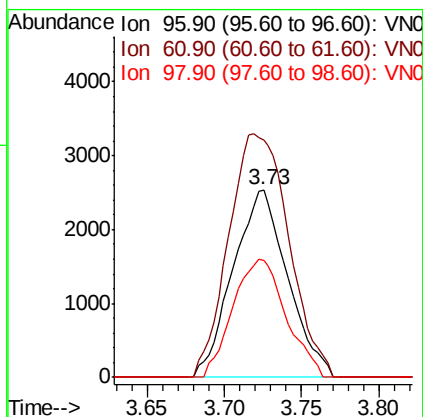
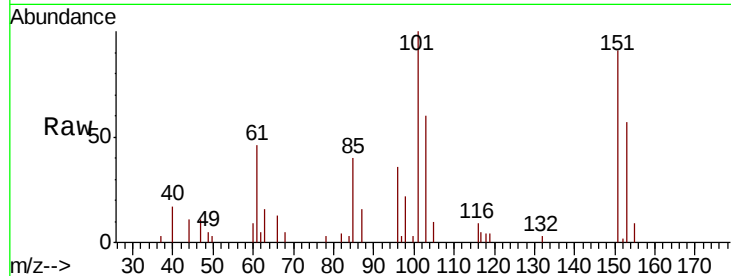




#12  
 1,1-Dichloroethene  
 Concen: 2.476 ug/l  
 RT: 3.73 min Scan# 607  
 Delta R.T. 0.00 min  
 Lab File: VN056252.D  
 Acq: 12 Jun 2019 16:37

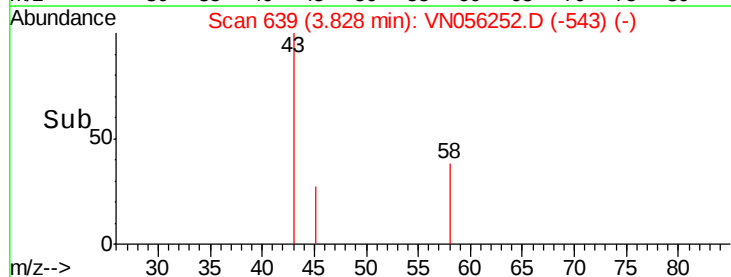
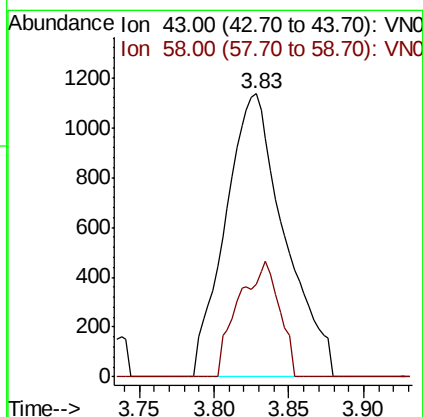
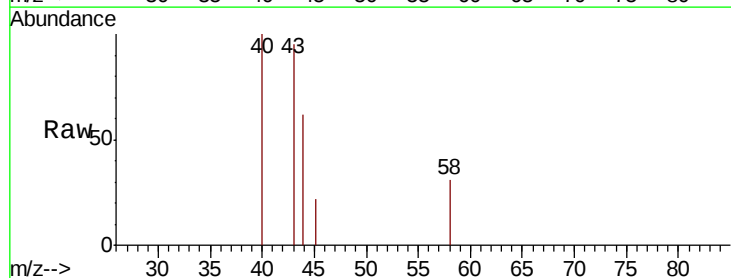
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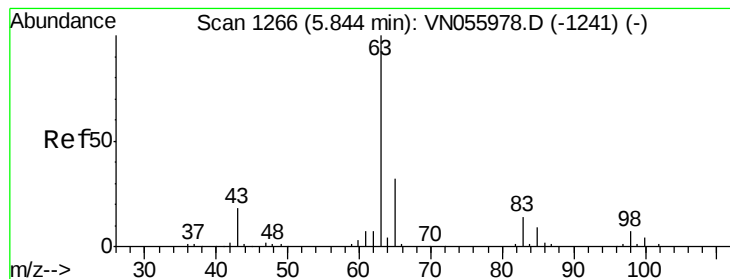
Tot Ion: 96 Resp: 6224  
 Ion Ratio Lower Upper  
 96 100  
 61 126.7 123.2 184.8  
 98 62.6 50.4 75.6



#16  
 Acetone  
 Concen: 2.199 ug/l  
 RT: 3.83 min Scan# 639  
 Delta R.T. 0.01 min  
 Lab File: VN056252.D  
 Acq: 12 Jun 2019 16:37

Tgt Ion: 43 Resp: 3126  
 Ion Ratio Lower Upper  
 43 100  
 58 32.6 26.6 39.8





#24

1,1-Dichloroethane

Concen: 0.810 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.01 min

Lab File: VN056252.D

Acq: 12 Jun 2019 16:37

Instrument :

MSVOA\_N

ClientSampleId :

TT101D-20190610

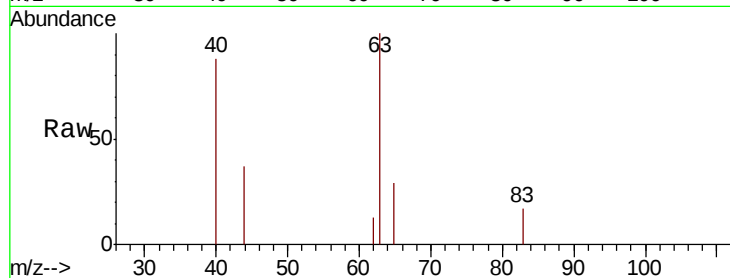
Tot Ion: 63 Resp: 3832

Ion Ratio Lower Upper

63 100

98 0.0 3.4 10.1#

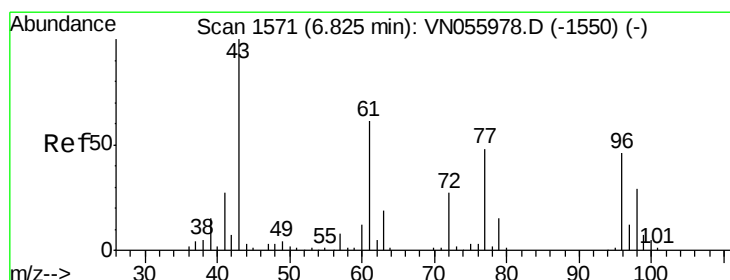
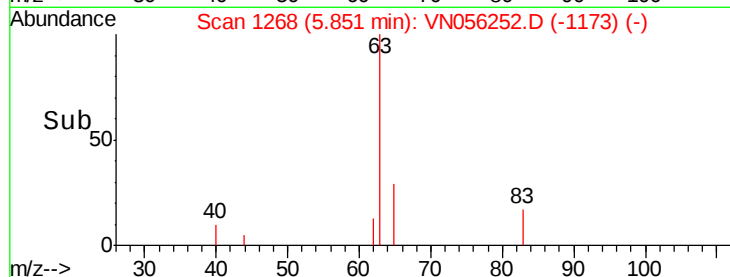
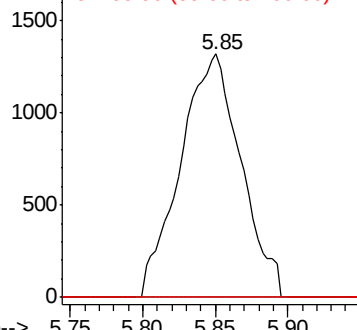
100 0.0 2.2 6.6#



Abundance Ion 62.90 (62.60 to 63.60): VN055978.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN055978.D (-1241) (-)



#27

cis-1,2-Dichloroethene

Concen: 3.004 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056252.D

Acq: 12 Jun 2019 16:37

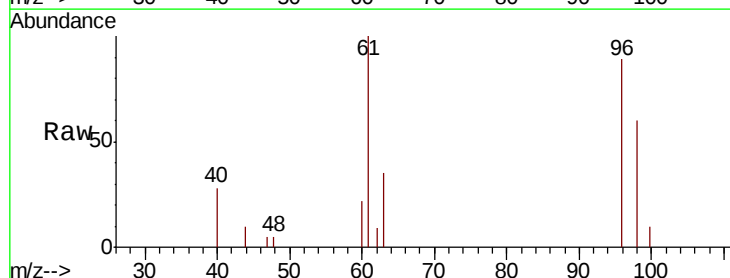
Tgt Ion: 96 Resp: 9511

Ion Ratio Lower Upper

96 100

61 117.3 0.0 275.8

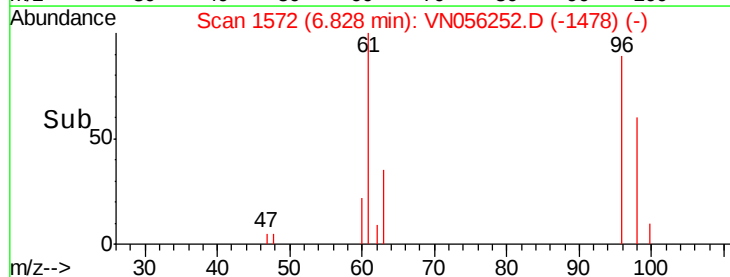
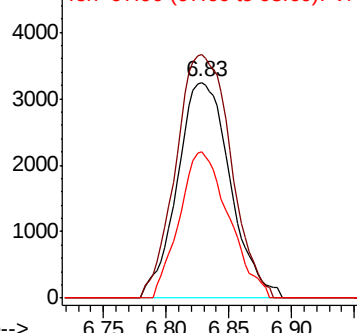
98 63.5 0.0 128.4

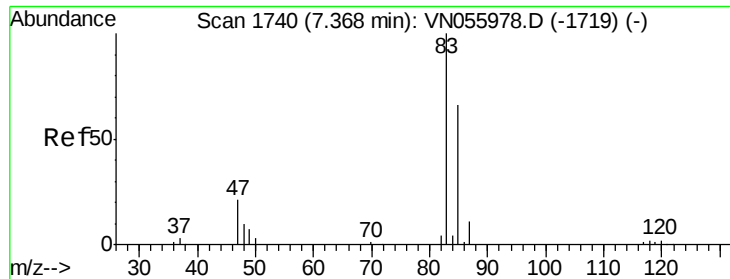


Abundance Ion 95.90 (95.60 to 96.60): VN055978.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN055978.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1550) (-)

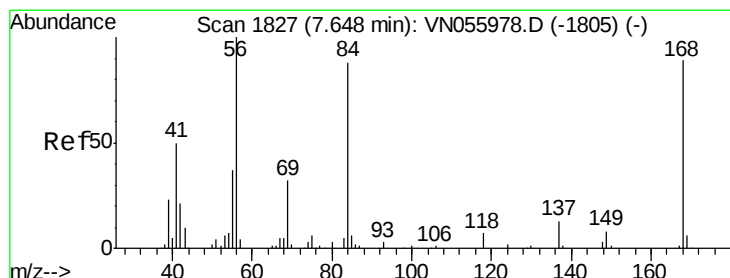
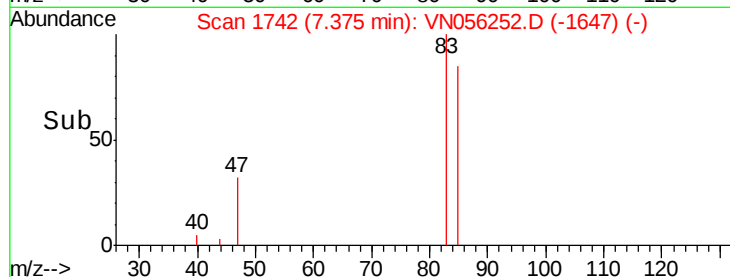
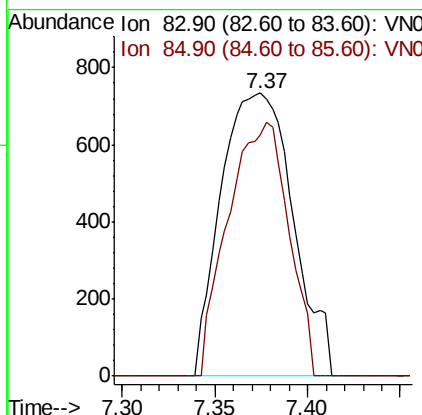
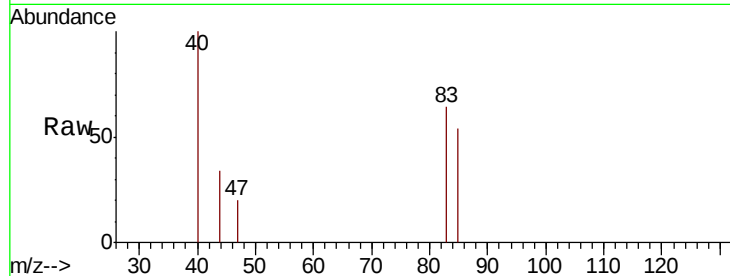




#30  
Chloroform  
Concen: 0.418 ug/l  
RT: 7.37 min Scan# 1742  
Delta R.T. 0.01 min  
Lab File: VN056252.D  
Acq: 12 Jun 2019 16:37

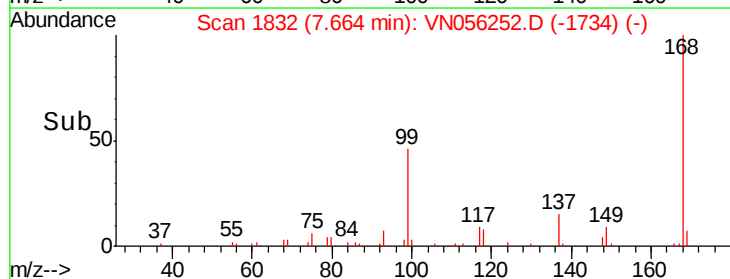
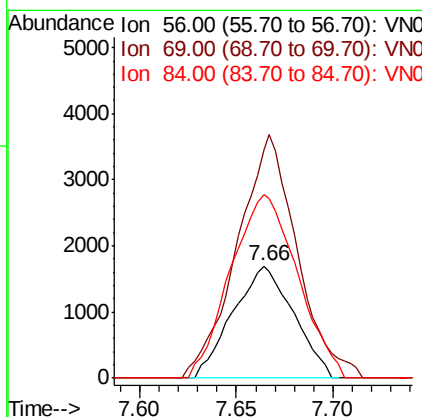
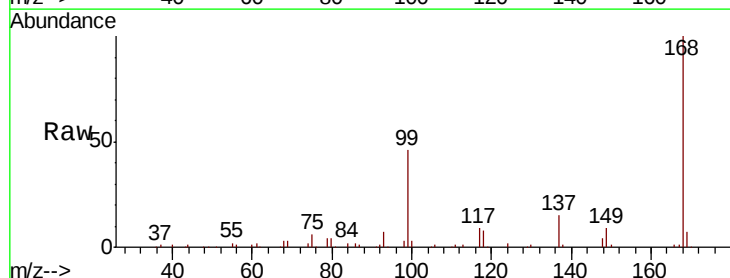
Instrument :  
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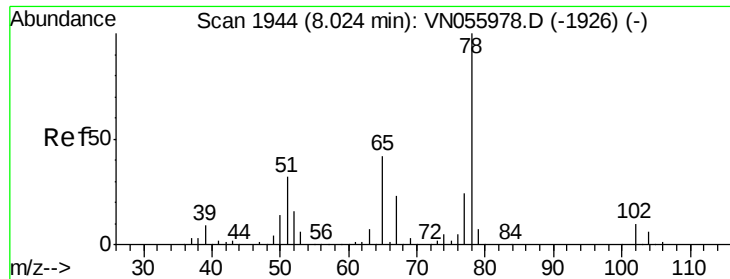
Tot Ion: 83 Resp: 1991  
Ion Ratio Lower Upper  
83 100  
85 85.0 51.8 77.8#



#31  
Cyclohexane  
Concen: 0.782 ug/l  
RT: 7.66 min Scan# 1832  
Delta R.T. 0.02 min  
Lab File: VN056252.D  
Acq: 12 Jun 2019 16:37

Tgt Ion: 56 Resp: 3691  
Ion Ratio Lower Upper  
56 100  
69 194.9 25.6 38.4#  
84 163.5 67.4 101.0#

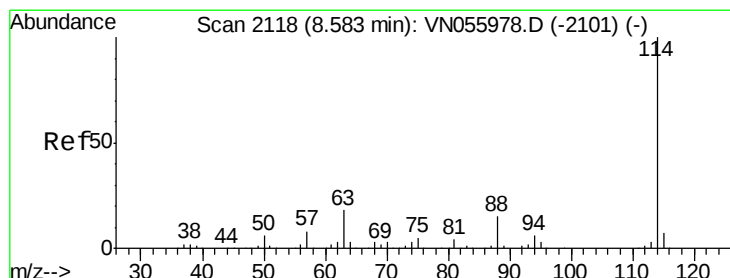
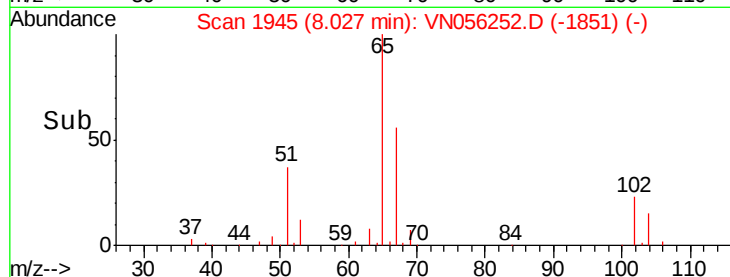
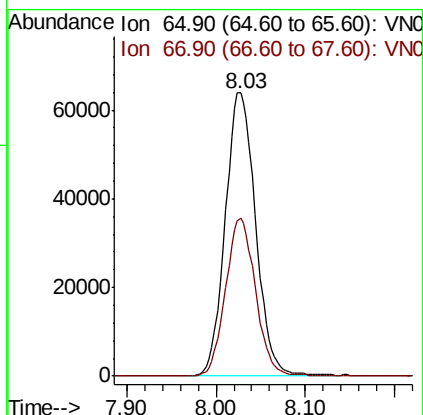
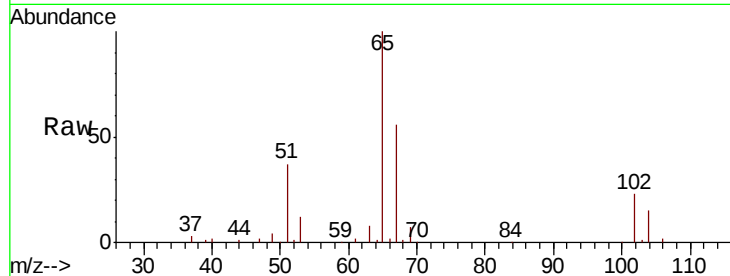




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.810 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN056252.D  
 Acq: 12 Jun 2019 16:37

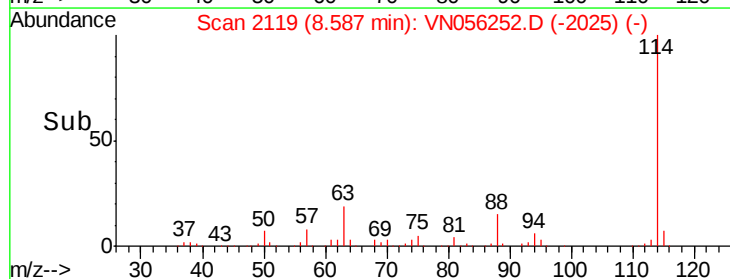
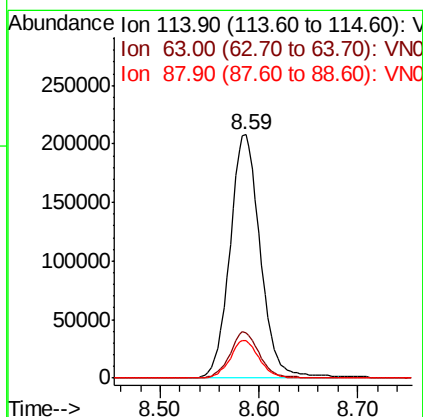
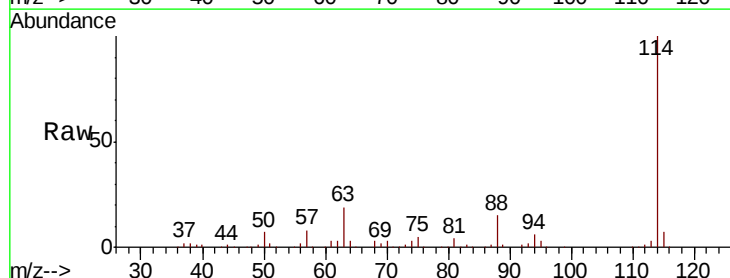
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TT101D-20190610

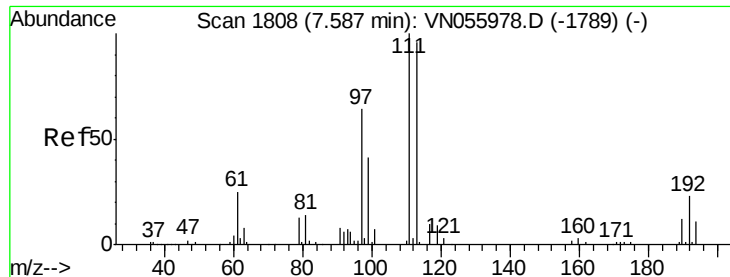
Tot Ion: 65 Resp: 151054  
 Ion Ratio Lower Upper  
 65 100  
 67 55.0 0.0 109.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN056252.D  
 Acq: 12 Jun 2019 16:37

Tgt Ion: 114 Resp: 445839  
 Ion Ratio Lower Upper  
 114 100  
 63 18.7 0.0 39.2  
 88 15.4 0.0 31.0

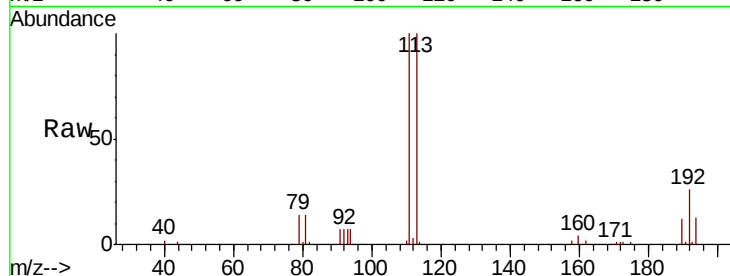




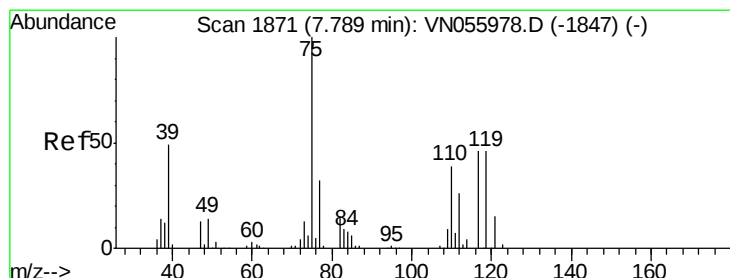
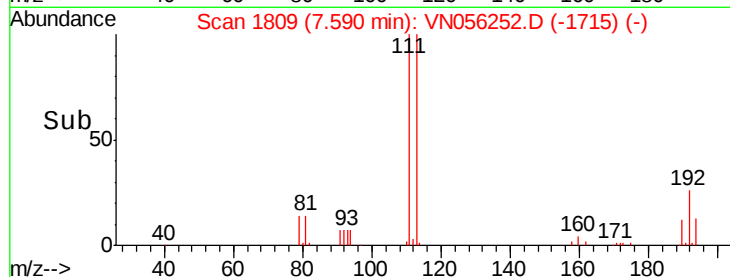
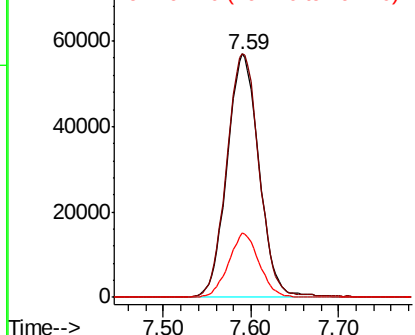
#35  
 Dibromofluoromethane  
 Concen: 52.944 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. 0.00 min  
 Lab File: VN056252.D  
 Acq: 12 Jun 2019 16:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TT101D-20190610

Tot Ion:113 Resp: 144820  
 Ion Ratio Lower Upper  
 113 100  
 111 101.6 81.9 122.9  
 192 25.0 19.5 29.3

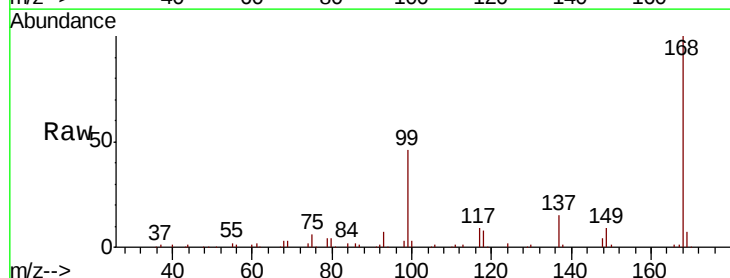


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

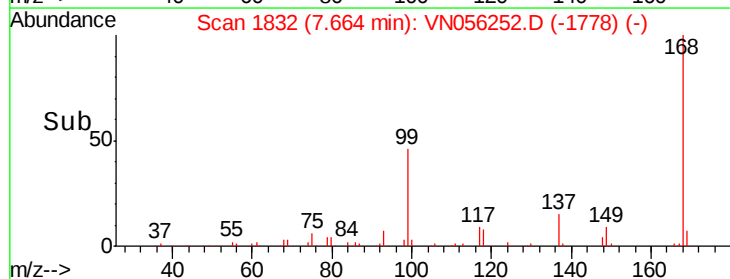
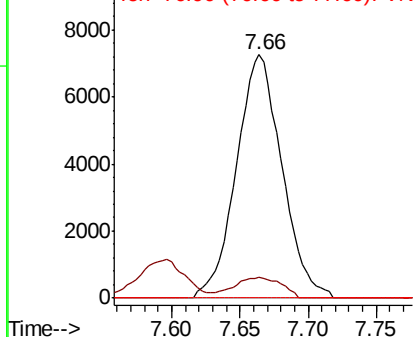


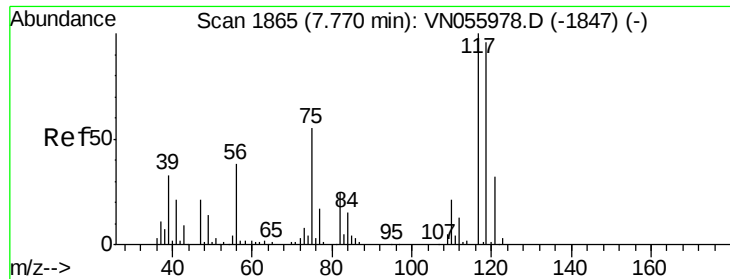
#36  
 1,1-Dichloropropene  
 Concen: 4.385 ug/l  
 RT: 7.66 min Scan# 1832  
 Delta R.T. -0.13 min  
 Lab File: VN056252.D  
 Acq: 12 Jun 2019 16:37

Tgt Ion: 75 Resp: 16812  
 Ion Ratio Lower Upper  
 75 100  
 110 8.7 19.0 57.0#  
 77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VNO  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 6.753 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056252.D

Acq: 12 Jun 2019 16:37

Instrument :

MSVOA\_N

ClientSampleId :

TT101D-20190610

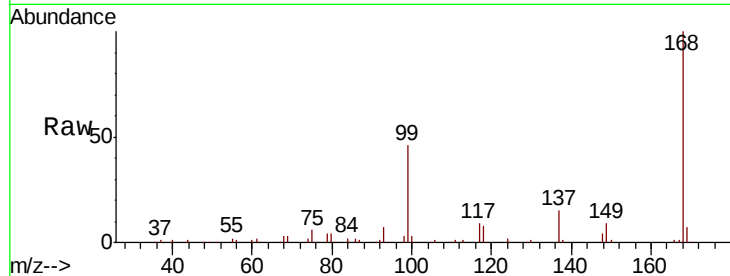
Tot Ion:117 Resp: 23868

Ion Ratio Lower Upper

117 100

119 5.3 79.0 118.6#

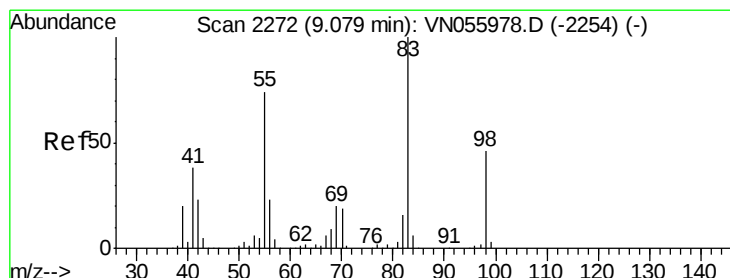
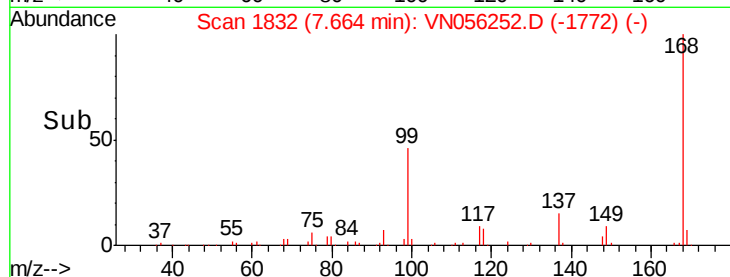
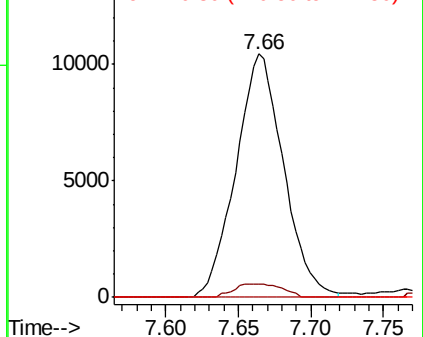
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.563 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.25 min

Lab File: VN056252.D

Acq: 12 Jun 2019 16:37

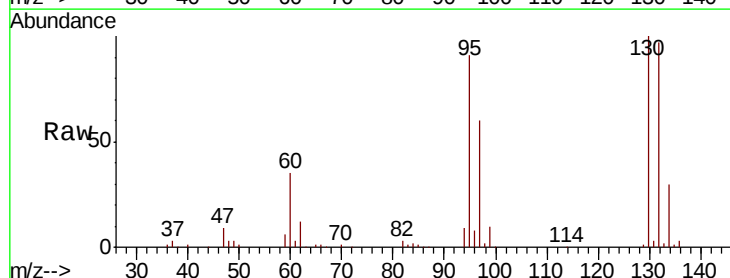
Tgt Ion: 83 Resp: 2688

Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

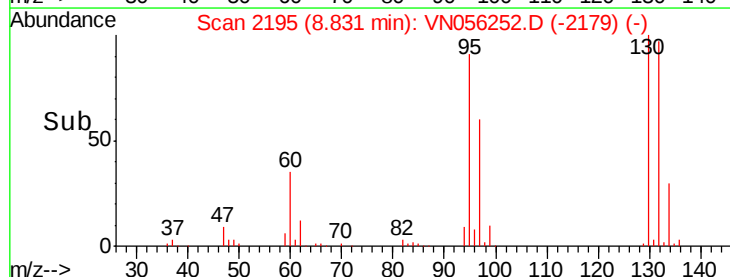
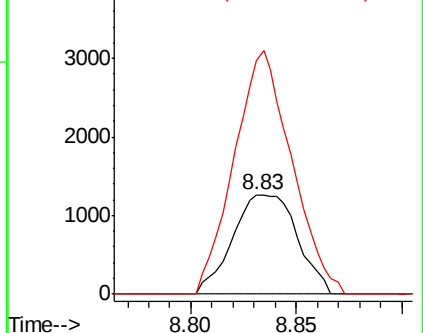
98 236.0 36.6 54.8#

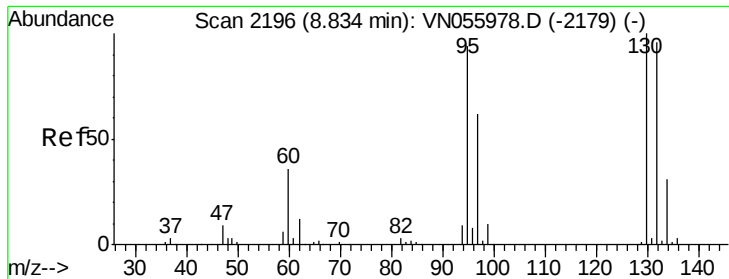


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V

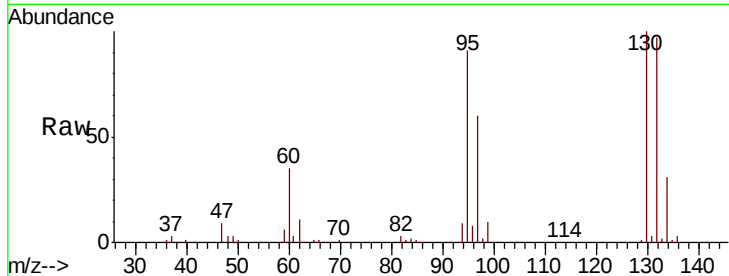




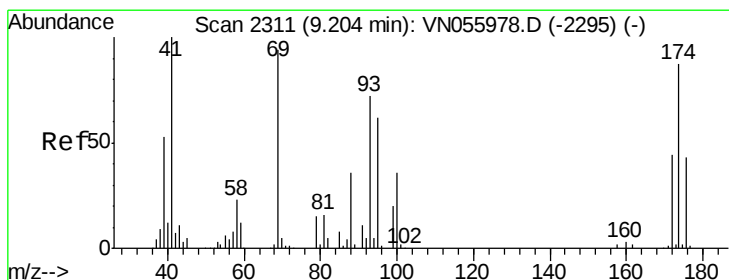
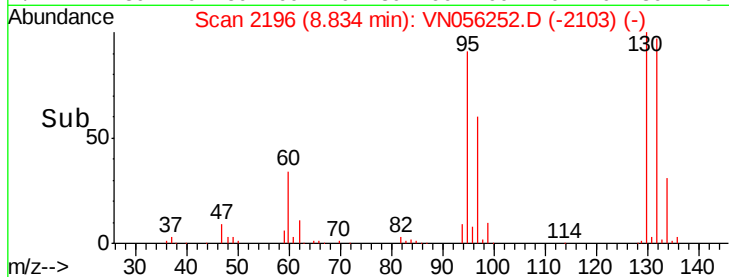
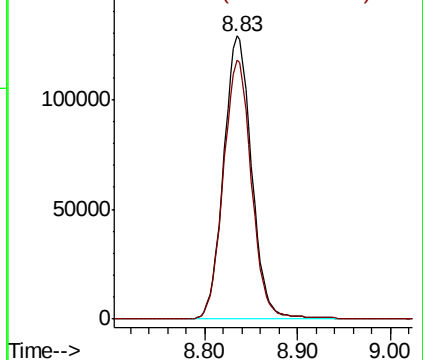
#44  
 Trichloroethene  
 Concen: 80.824 ug/l  
 RT: 8.83 min Scan# 2196  
 Delta R.T. 0.00 min  
 Lab File: VN056252.D  
 Acq: 12 Jun 2019 16:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TT101D-20190610

Tot Ion:130 Resp: 270416  
 Ion Ratio Lower Upper  
 130 100  
 95 91.4 0.0 188.0

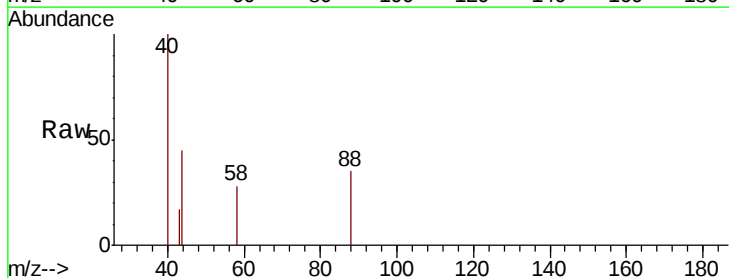


Abundance Ion 129.80 (129.50 to 130.50): V  
 150000 Ion 94.90 (94.60 to 95.60): VN

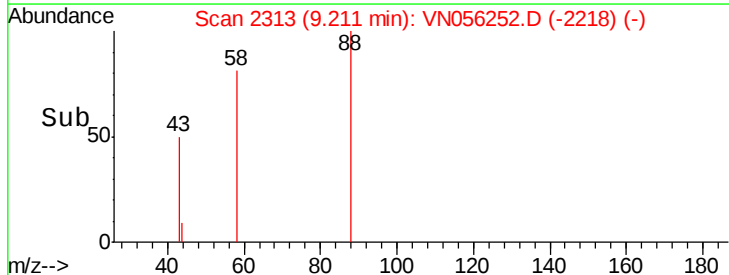
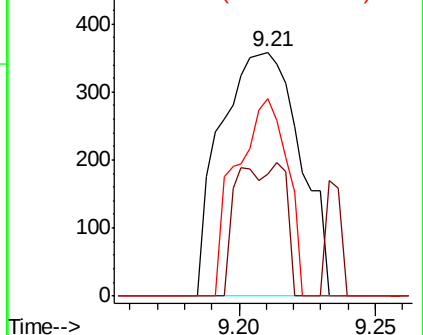


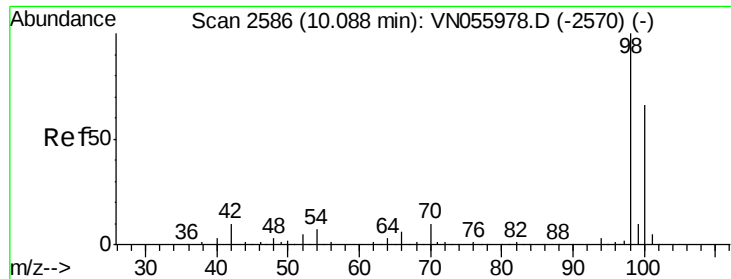
#49  
 1,4-Dioxane  
 Concen: 12.350 ug/l  
 RT: 9.21 min Scan# 2313  
 Delta R.T. 0.01 min  
 Lab File: VN056252.D  
 Acq: 12 Jun 2019 16:37

Tgt Ion: 88 Resp: 721  
 Ion Ratio Lower Upper  
 88 100  
 43 18.9 20.5 30.7#  
 58 52.3 55.8 83.6#



Abundance Ion 88.00 (87.70 to 88.70): VN  
 Ion 43.00 (42.70 to 43.70): VN  
 Ion 58.00 (57.70 to 58.70): VN





#50

Toluene-d8

Concen: 52.580 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056252.D

Acq: 12 Jun 2019 16:37

Instrument :

MSVOA\_N

ClientSampleId :

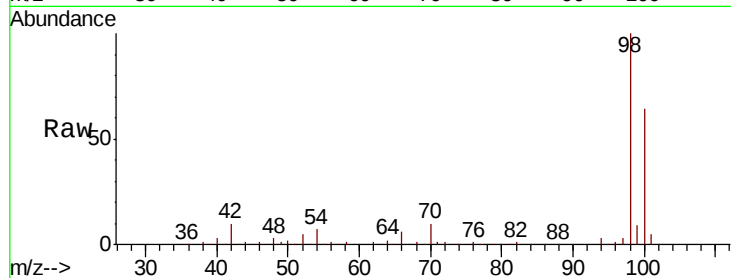
TT101D-20190610

Tot Ion: 98 Resp: 553439

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

10.09

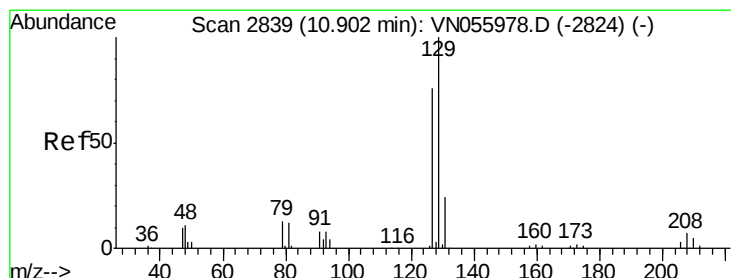
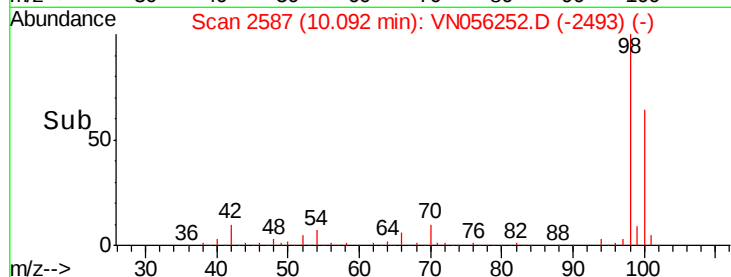
300000

200000

100000

0

Time-->



#60

Dibromochloromethane

Concen: 2.723 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.27 min

Lab File: VN056252.D

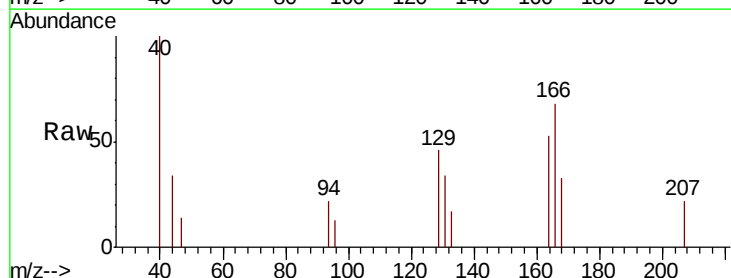
Acq: 12 Jun 2019 16:37

Tgt Ion: 129 Resp: 902

Ion Ratio Lower Upper

129 100

127 0.0 38.1 114.3#



Abundance Ion 128.80 (128.50 to 129.50): VN055978.D (-2824) (-)

Ion 126.80 (126.50 to 127.50): VN055978.D (-2824) (-)

10.63

600

500

400

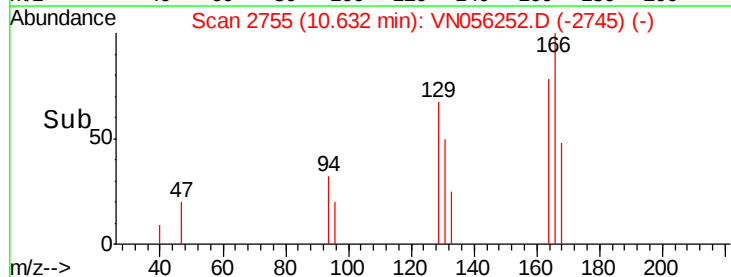
300

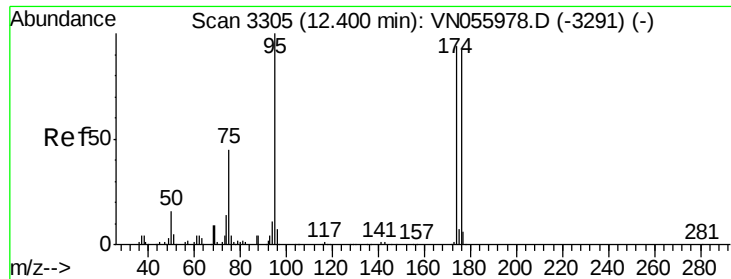
200

100

0

Time-->





#62

4-Bromofluorobenzene

Concen: 47.016 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056252.D

Acq: 12 Jun 2019 16:37

Instrument :

MSVOA\_N

ClientSampleId :

TT101D-20190610

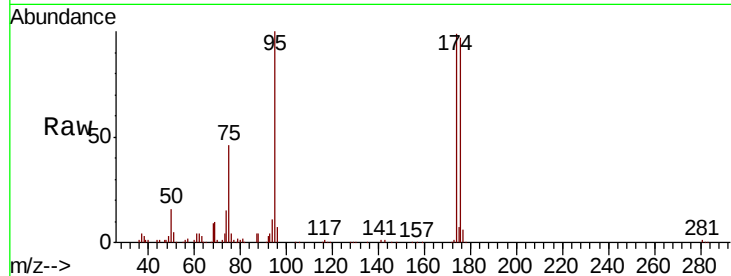
Tot Ion: 95 Resp: 168297

Ion Ratio Lower Upper

95 100

174 100.9 0.0 191.0

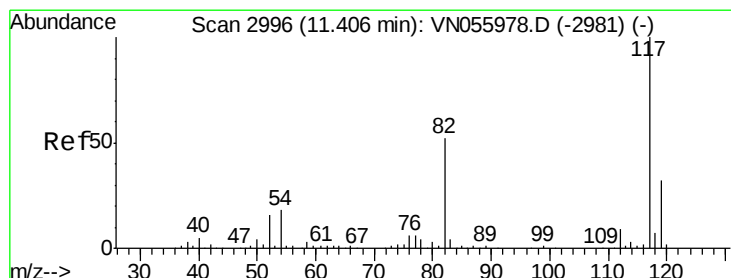
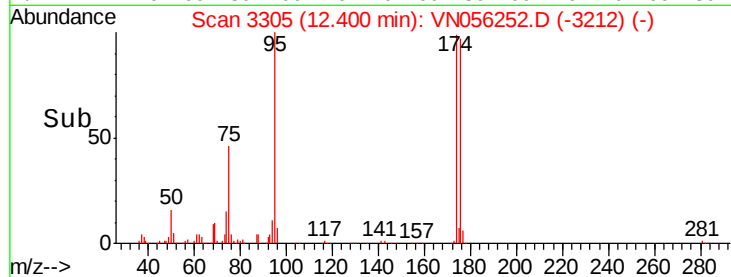
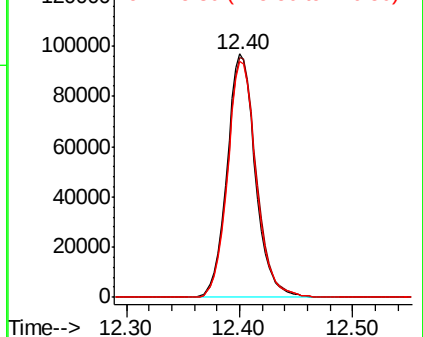
176 97.6 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056252.D

Acq: 12 Jun 2019 16:37

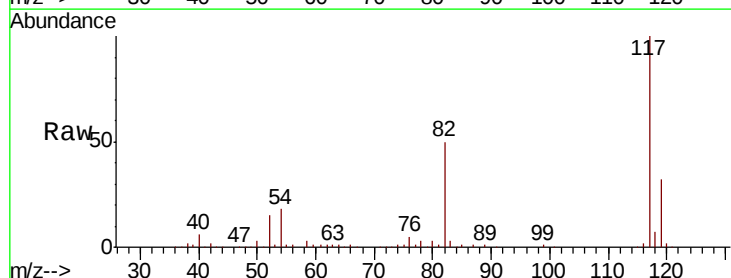
Tgt Ion: 117 Resp: 434118

Ion Ratio Lower Upper

117 100

82 50.0 41.8 62.8

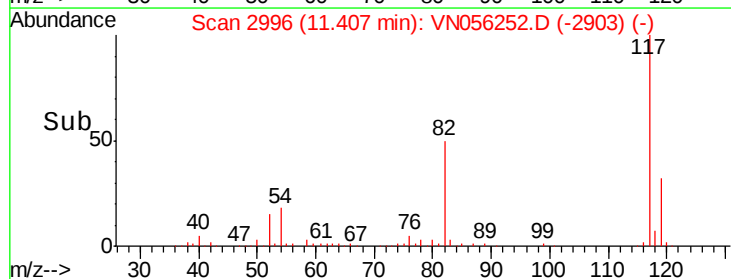
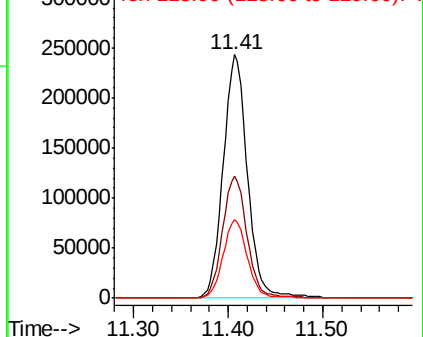
119 32.2 25.4 38.0

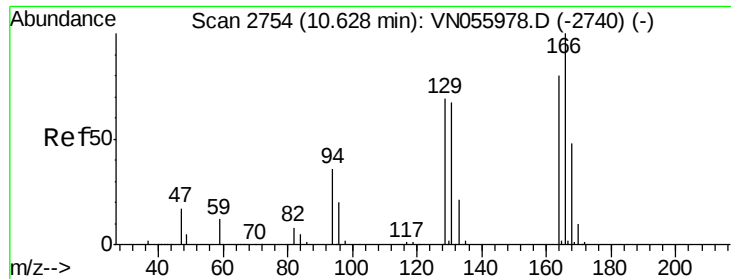


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#64

Tetrachloroethene

Concen: 0.283 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056252.D

Acq: 12 Jun 2019 16:37

Instrument :

MSVOA\_N

ClientSampleId :

TT101D-20190610

Tot Ion:164 Resp: 1065

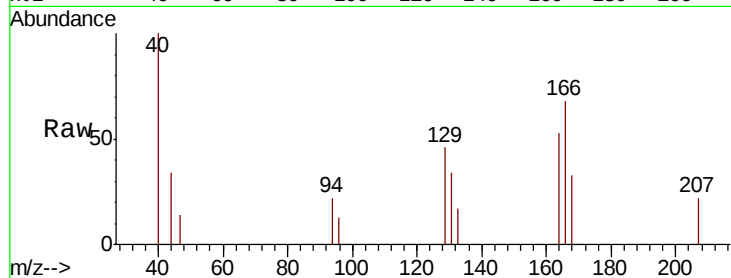
Ion Ratio Lower Upper

164 100

166 128.2 103.0 154.6

129 86.3 70.6 105.8

131 64.6 68.6 102.8#

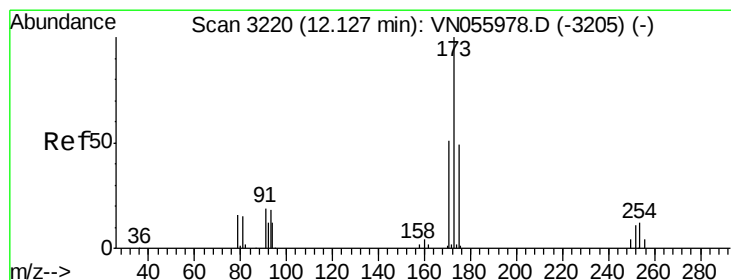
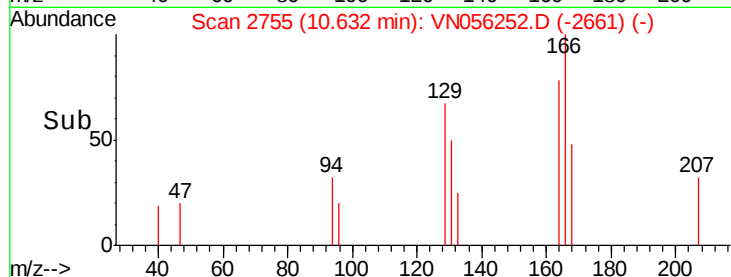
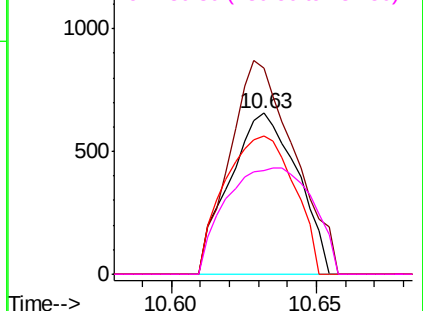


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#71

Bromoform

Concen: 3.226 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN056252.D

Acq: 12 Jun 2019 16:37

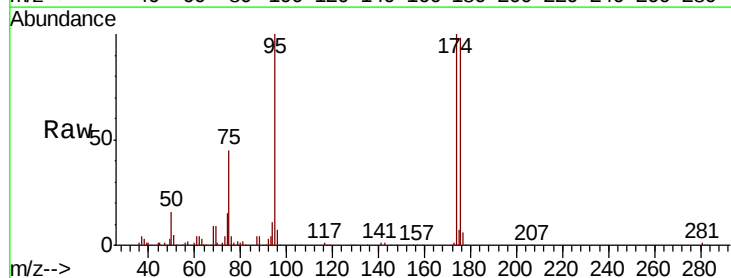
Tgt Ion:173 Resp: 1281

Ion Ratio Lower Upper

173 100

175 813.7 24.3 72.8#

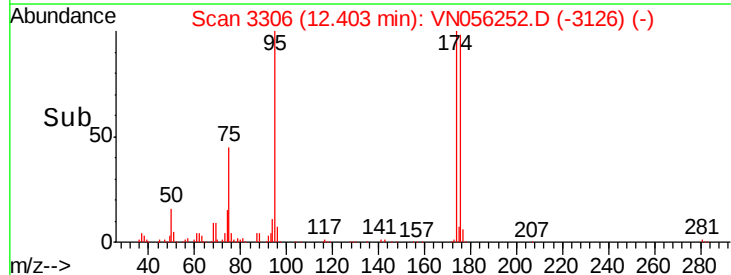
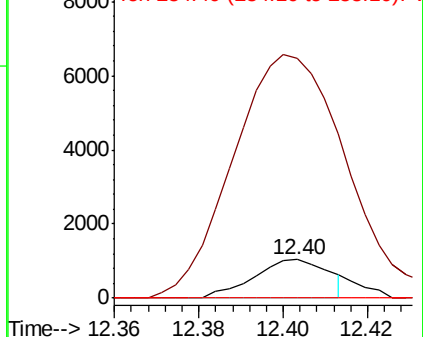
254 0.0 0.0 0.0

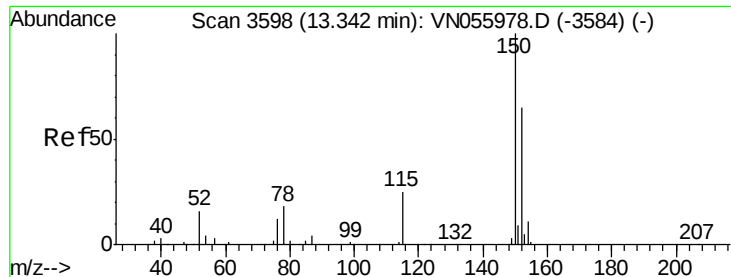


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056252.D

Acq: 12 Jun 2019 16:37

Instrument :

MSVOA\_N

ClientSampleId :

TT101D-20190610

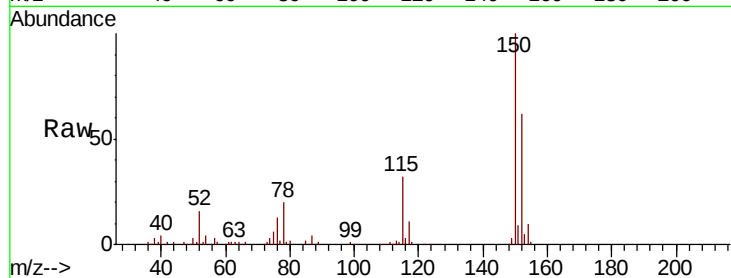
Tot Ion:152 Resp: 128041

Ion Ratio Lower Upper

152 100

115 52.0 27.0 81.0

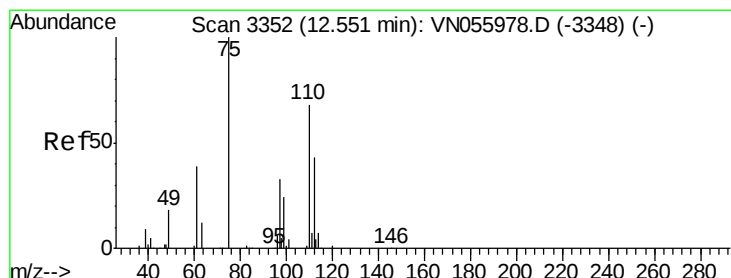
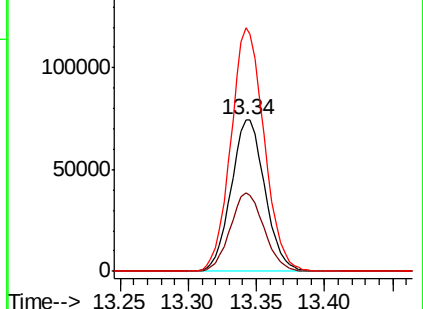
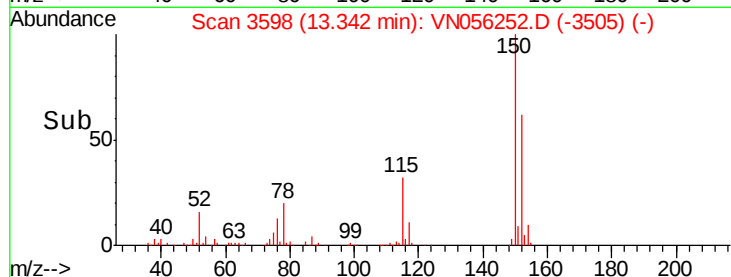
150 158.4 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 32.516 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056252.D

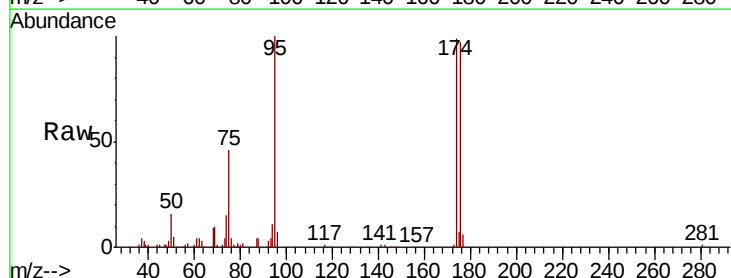
Acq: 12 Jun 2019 16:37

Tgt Ion: 75 Resp: 76607

Ion Ratio Lower Upper

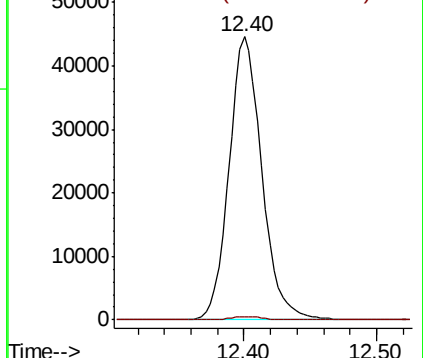
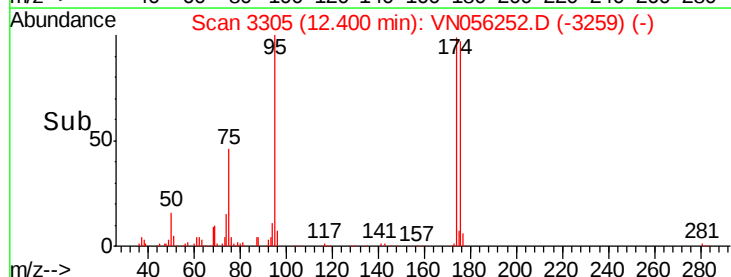
75 100

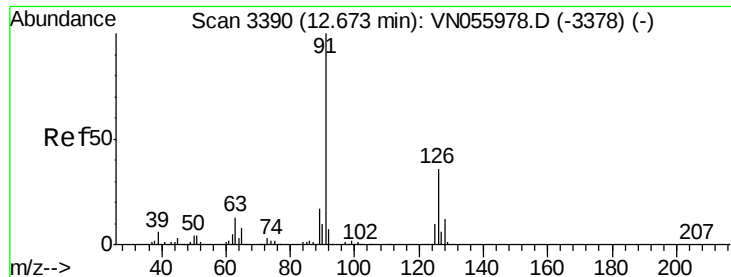
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.59 min Scan# 3364

Delta R.T. -0.08 min

Lab File: VN056252.D

Acq: 12 Jun 2019 16:37

Instrument :

MSVOA\_N

ClientSampleId :

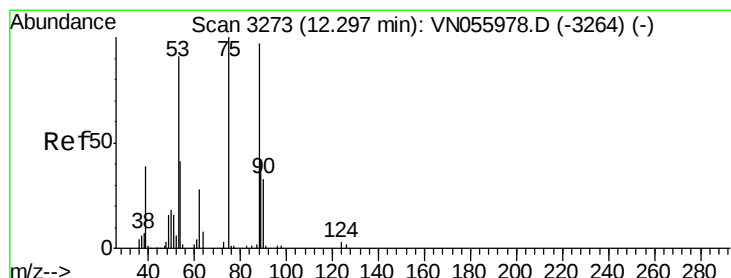
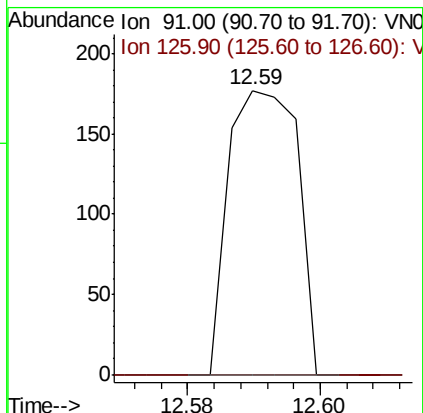
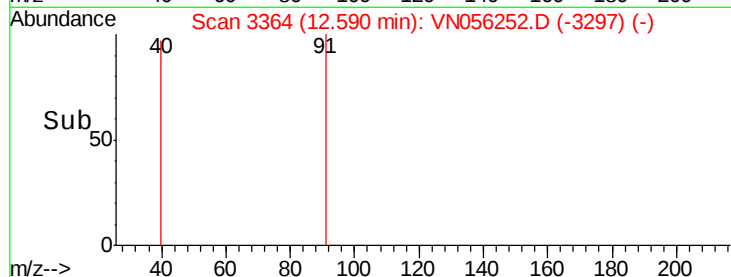
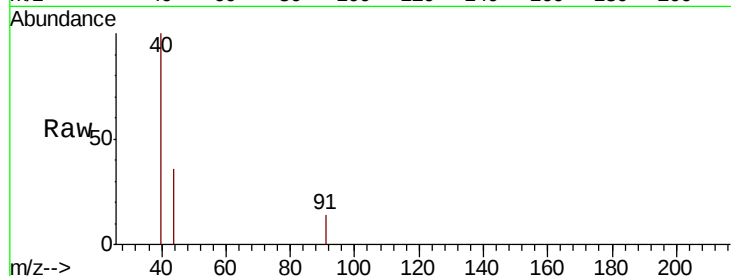
TT101D-20190610

Tot Ion: 91 Resp: 128

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.283 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056252.D

Acq: 12 Jun 2019 16:37

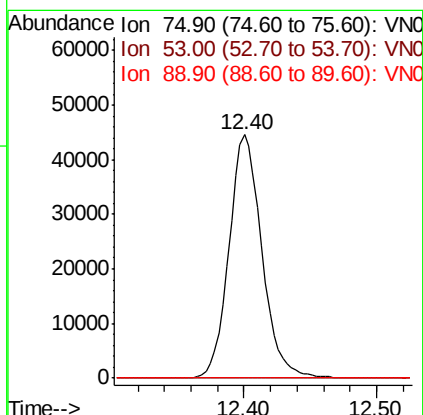
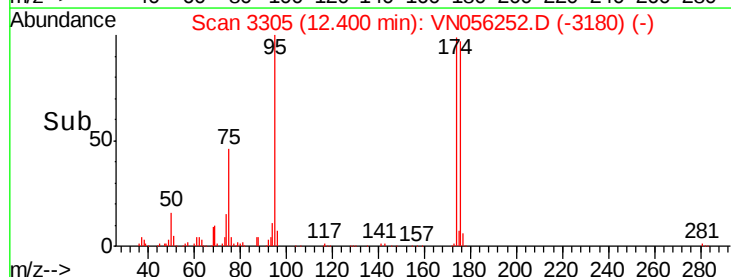
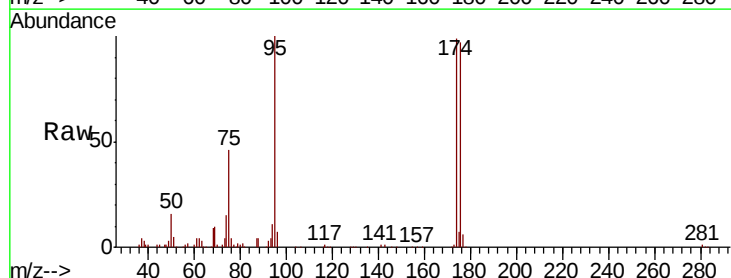
Tgt Ion: 75 Resp: 76607

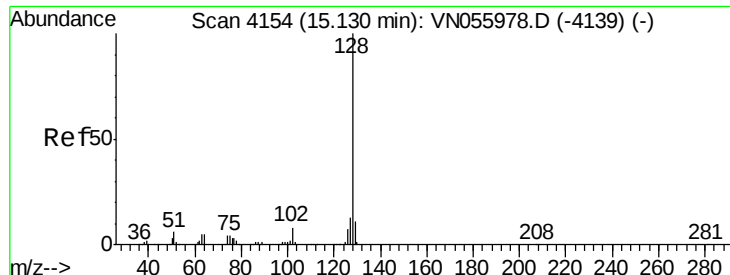
Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 3.891 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN056252.D

Acq: 12 Jun 2019 16:37

Instrument :

MSVOA\_N

ClientSampleId :

TT101D-20190610

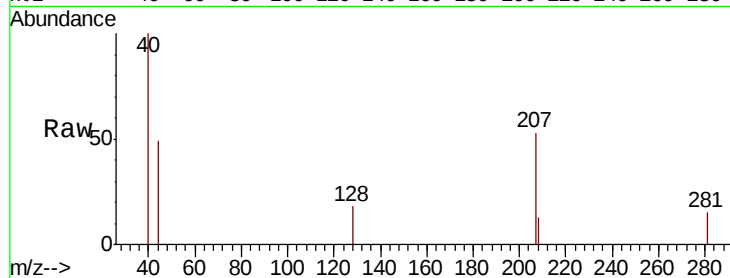
Tot Ion:128 Resp: 265

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.7 13.1#



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

