

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\  
 Data File : VN061596.D  
 Acq On : 1 Jun 2020 15:46  
 Operator : JC/MD  
 Sample : L2800-02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WP022MW357-200527

Quant Time: Jun 02 03:54:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 29 02:14:10 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 287187   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 505689   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 503981   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 234662   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 173815   | 50.80 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.60% |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 148012   | 57.70 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 115.40% |      |
| 50) Toluene-d8            | 10.06  | 98  | 611450   | 51.44 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.88% |      |
| 62) 4-Bromofluorobenzene  | 12.37  | 95  | 232855   | 53.69 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.38% |      |

## Target Compounds

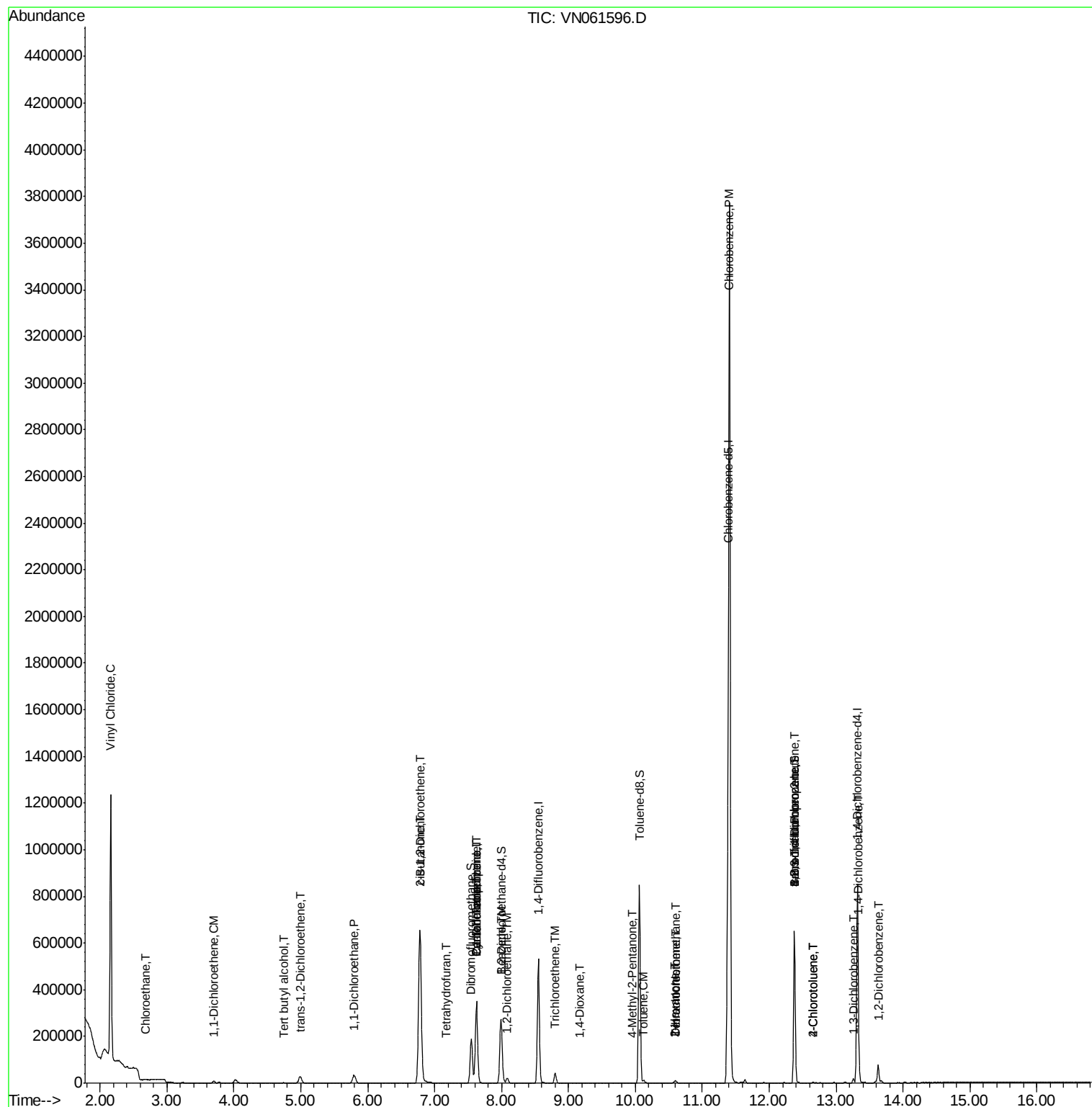
|                                |       |     |         |           |        | Qvalue |
|--------------------------------|-------|-----|---------|-----------|--------|--------|
| 4) Vinyl Chloride              | 2.16  | 62  | 1004844 | 209.340   | ug/l   | 99     |
| 6) Chloroethane                | 2.68  | 64  | 1421    | 0.460     | ug/l   | 89     |
| 11) Tert butyl alcohol         | 4.73  | 59  | 2385    | 5.240     | ug/l # | 72     |
| 12) 1,1-Dichloroethene         | 3.70  | 96  | 3968    | 1.352     | ug/l   | 96     |
| 16) Acetone                    | 3.78  | 43  | 4126    | Below Cal |        | 89     |
| 21) trans-1,2-Dichloroethene   | 5.00  | 96  | 19294   | 5.830     | ug/l   | 93     |
| 24) 1,1-Dichloroethane         | 5.79  | 63  | 51453   | 9.596     | ug/l   | 98     |
| 25) 2-Butanone                 | 6.79  | 43  | 1171    | 0.722     | ug/l # | 1      |
| 27) cis-1,2-Dichloroethene     | 6.78  | 96  | 469662  | 125.329   | ug/l   | 92     |
| 29) Tetrahydrofuran            | 7.17  | 42  | 294     | 0.275     | ug/l # | 25     |
| 31) Cyclohexane                | 7.62  | 56  | 5886    | 1.221     | ug/l # | 4      |
| 36) 1,1-Dichloropropene        | 7.62  | 75  | 21050   | 4.702     | ug/l # | 49     |
| 38) Carbon Tetrachloride       | 7.63  | 117 | 28948   | 6.704     | ug/l # | 16     |
| 40) Benzene                    | 8.00  | 78  | 106883  | 7.738     | ug/l   | 97     |
| 42) 1,2-Dichloroethane         | 8.08  | 62  | 19579   | 4.234     | ug/l   | 97     |
| 44) Trichloroethene            | 8.80  | 130 | 15749   | 3.710     | ug/l   | 94     |
| 49) 1,4-Dioxane                | 9.17  | 88  | 621     | 13.735    | ug/l # | 73     |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43  | 792     | 0.217     | ug/l # | 32     |
| 52) Toluene                    | 10.13 | 92  | 4387    | 0.487     | ug/l   | 95     |
| 59) 2-Hexanone                 | 10.58 | 43  | 2148    | 0.818     | ug/l   | 67     |
| 60) Dibromochloromethane       | 10.60 | 129 | 2139    | 0.524     | ug/l # | 11     |
| 64) Tetrachloroethene          | 10.60 | 164 | 2372    | 0.500     | ug/l   | 90     |
| 65) Chlorobenzene              | 11.41 | 112 | 2165148 | 206.679   | ug/l   | 98     |
| 71) Bromoform                  | 12.38 | 173 | 1673    | 0.557     | ug/l # | 1      |
| 76) 1,2,3-Trichloropropane     | 12.37 | 75  | 116184  | 27.228    | ug/l # | 100    |
| 79) 2-Chlorotoluene            | 12.65 | 91  | 3219    | 0.282     | ug/l   | 96     |
| 81) trans-1,4-Dichloro-2-buten | 12.37 | 75  | 116184  | 69.629    | ug/l # | 15     |
| 82) 4-Chlorotoluene            | 12.65 | 91  | 3219    | 0.268     | ug/l   | 97     |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146 | 7713    | 0.996     | ug/l   | 98     |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146 | 35568   | 4.510     | ug/l   | 92     |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146 | 34439   | 4.655     | ug/l   | 98     |

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

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Sample : L2800-02  
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QLast Update : Fri May 29 02:14:10 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061596.D

Acq: 1 Jun 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

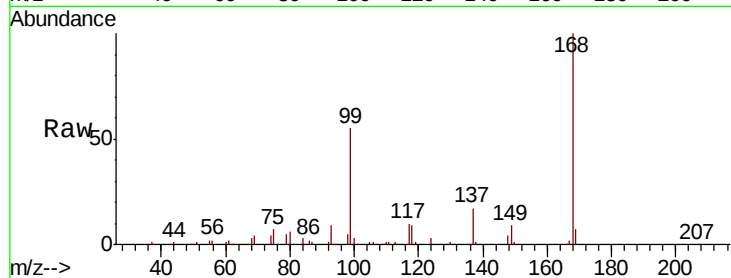
WP022MW357-200527

Tot Ion:168 Resp: 287187

Ion Ratio Lower Upper

168 100

99 55.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

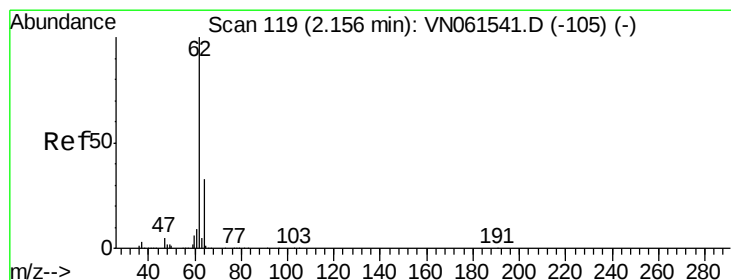
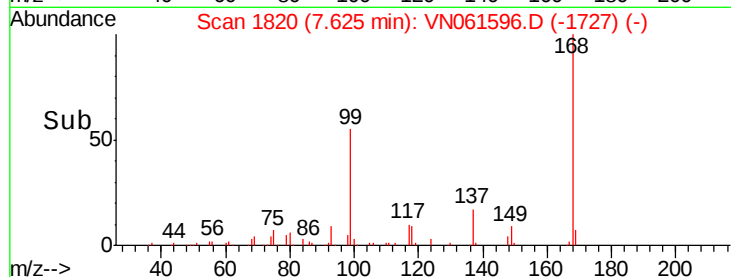
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#4

Vinyl Chloride

Concen: 209.340 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061596.D

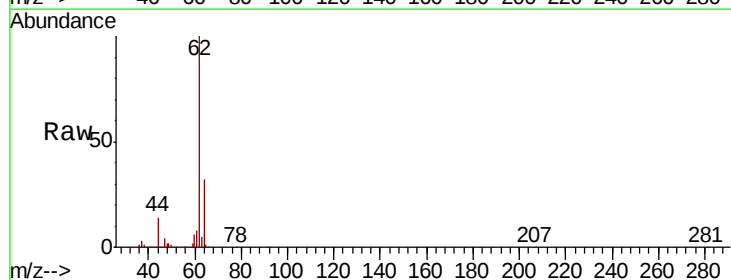
Acq: 1 Jun 2020 15:46

Tgt Ion: 62 Resp: 1004844

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.16

800000

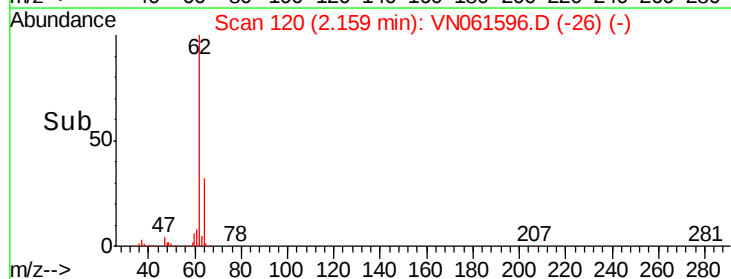
600000

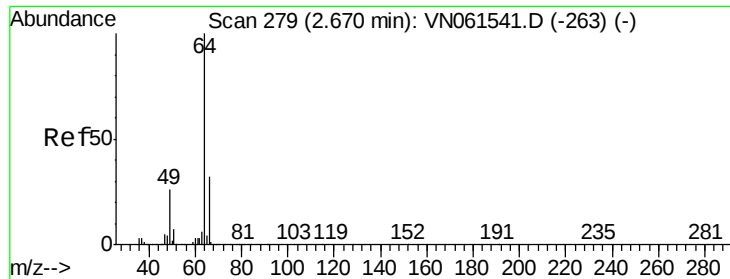
400000

200000

0

Time--> 2.10 2.20 2.30

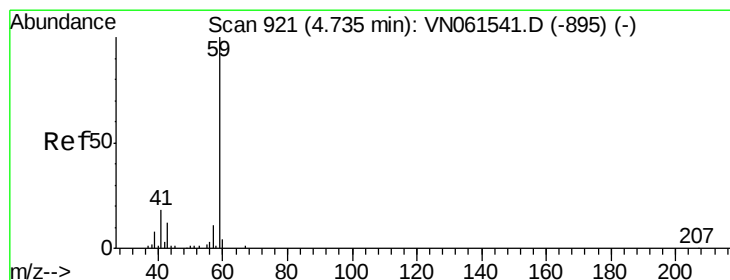
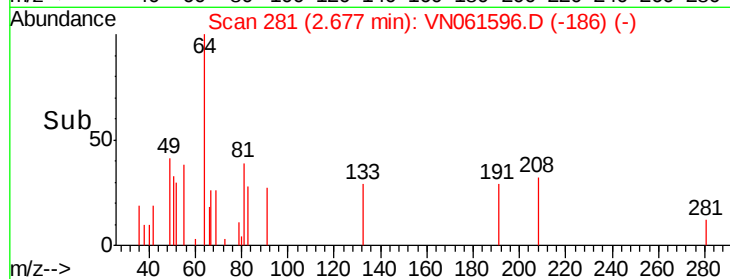
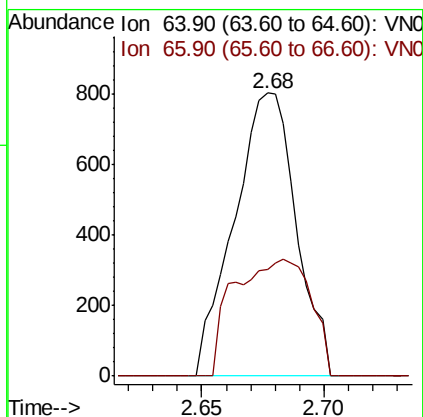
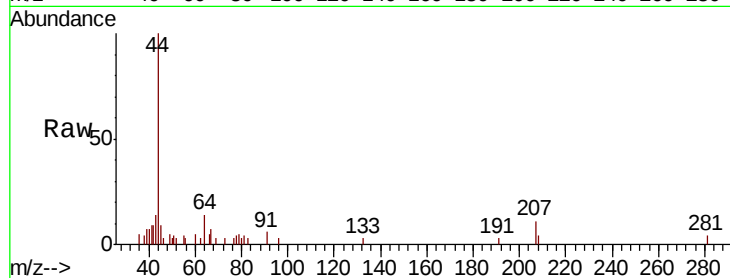




#6  
Chloroethane  
Concen: 0.460 ug/l  
RT: 2.68 min Scan# 281  
Delta R.T. 0.01 min  
Lab File: VN061596.D  
Acq: 1 Jun 2020 15:46

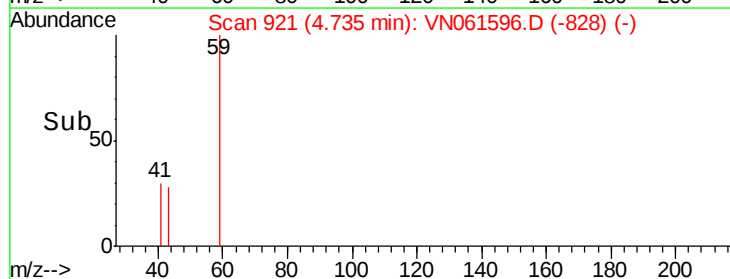
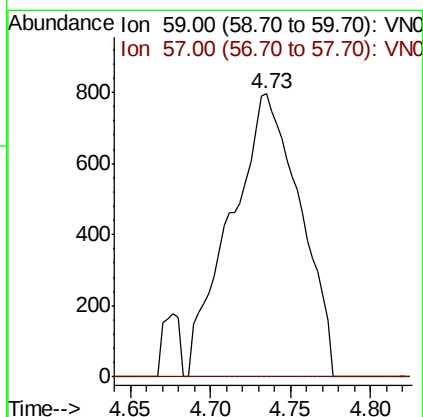
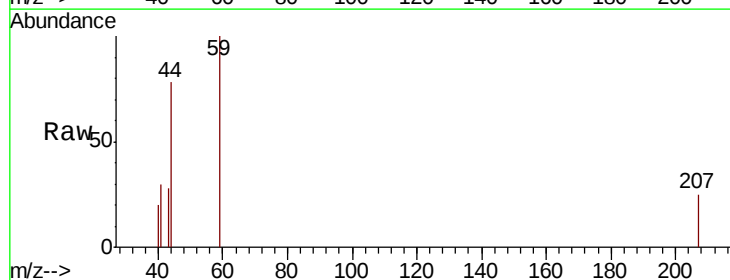
Instrument :  
MSVOA\_N  
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WP022MW357-200527

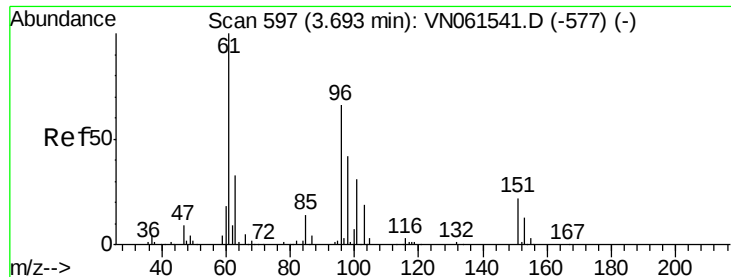
Tot Ion: 64 Resp: 1421  
Ion Ratio Lower Upper  
64 100  
66 37.9 25.6 38.4



#11  
Tert butyl alcohol  
Concen: 5.240 ug/l  
RT: 4.73 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: VN061596.D  
Acq: 1 Jun 2020 15:46

Tgt Ion: 59 Resp: 2385  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.4 12.6#

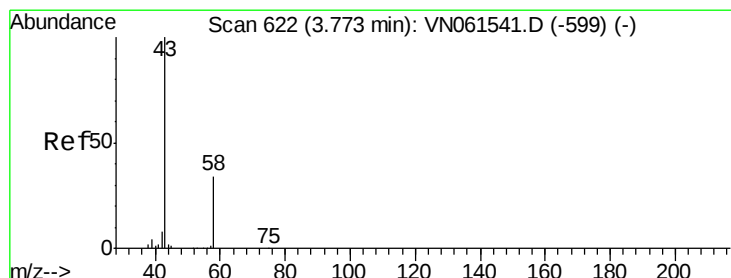
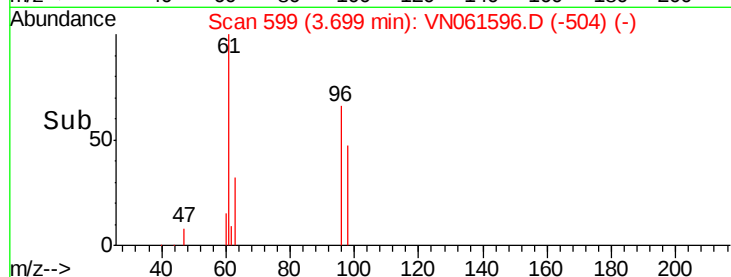
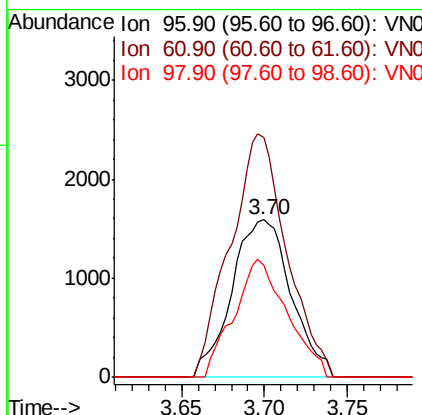
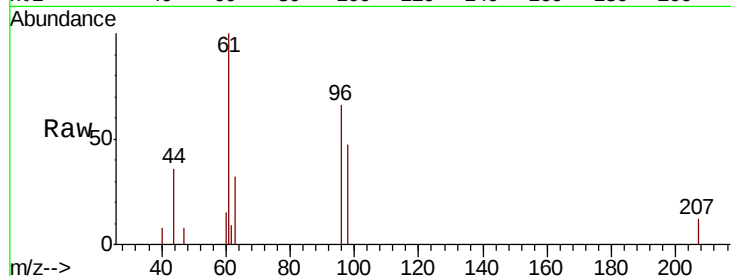




#12  
 1,1-Dichloroethene  
 Concen: 1.352 ug/l  
 RT: 3.70 min Scan# 599  
 Delta R.T. 0.01 min  
 Lab File: VN061596.D  
 Acq: 1 Jun 2020 15:46

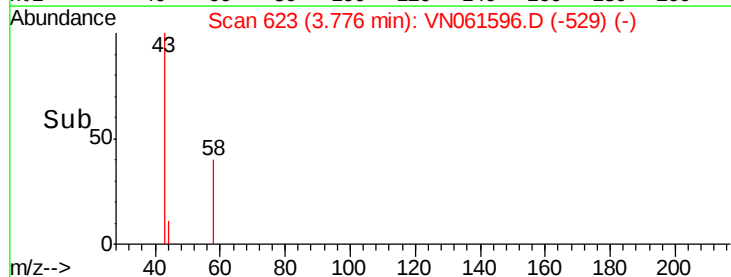
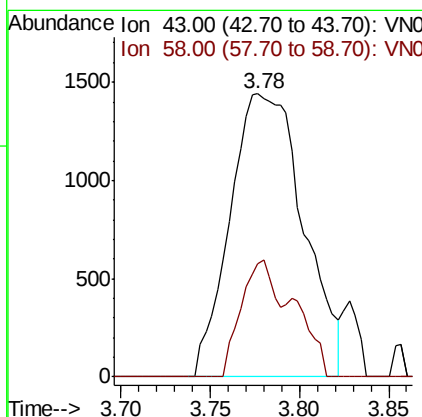
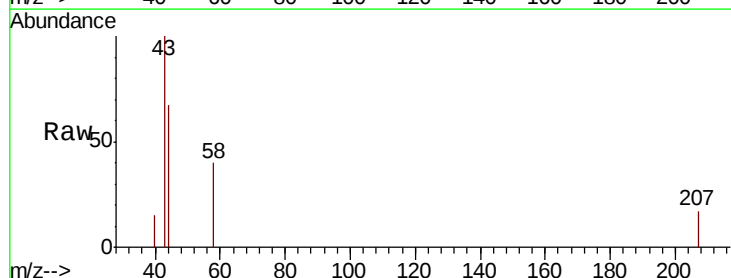
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WP022MW357-200527

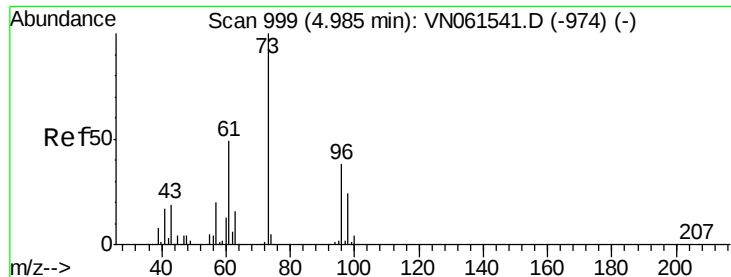
Tot Ion: 96 Resp: 3968  
 Ion Ratio Lower Upper  
 96 100  
 61 151.9 120.5 180.7  
 98 70.9 50.8 76.2



#16  
 Acetone  
 Concen: Below Cal  
 RT: 3.78 min Scan# 623  
 Delta R.T. 0.00 min  
 Lab File: VN061596.D  
 Acq: 1 Jun 2020 15:46

Tgt Ion: 43 Resp: 4126  
 Ion Ratio Lower Upper  
 43 100  
 58 40.2 27.2 40.8





#21

trans-1,2-Dichloroethene

Concen: 5.830 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN061596.D

Acq: 1 Jun 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

WP022MW357-200527

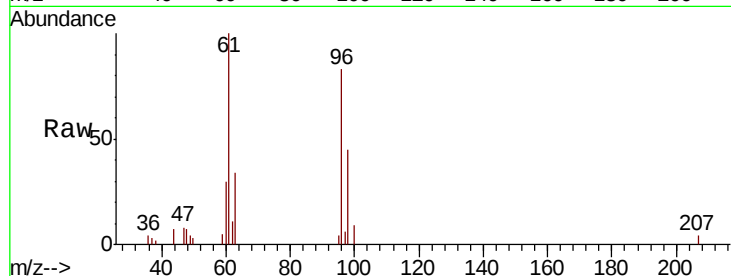
Tot Ion: 96 Resp: 19294

Ion Ratio Lower Upper

96 100

61 120.7 101.4 152.0

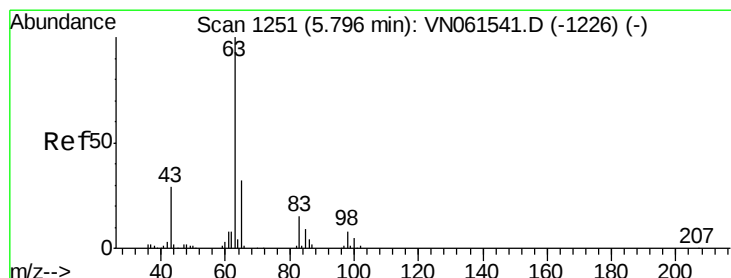
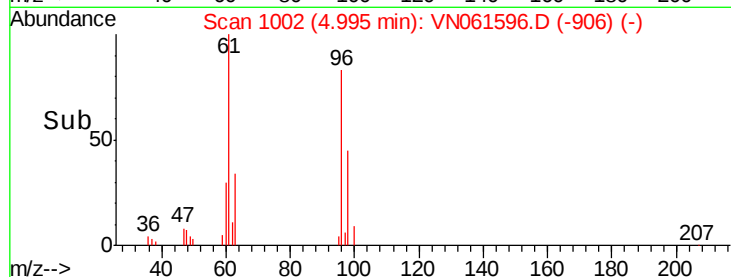
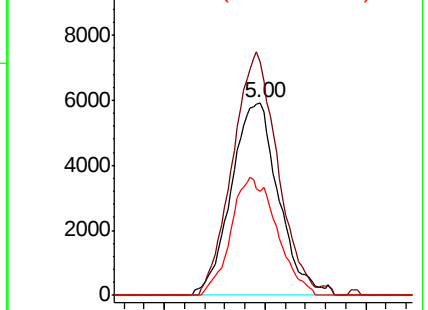
98 54.2 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061596.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN061596.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN061596.D (-906) (-)



#24

1,1-Dichloroethane

Concen: 9.596 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN061596.D

Acq: 1 Jun 2020 15:46

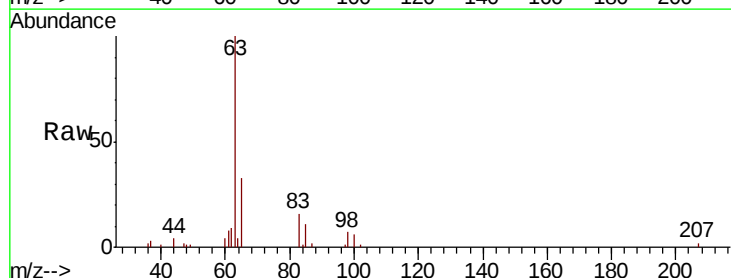
Tgt Ion: 63 Resp: 51453

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

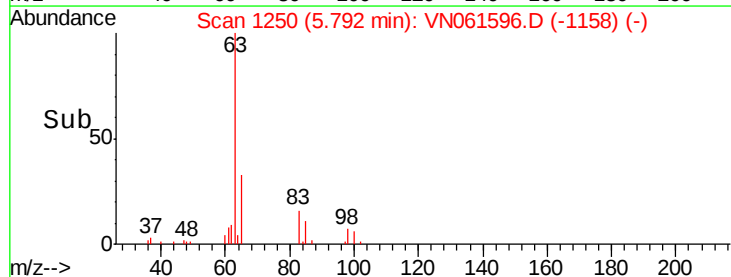
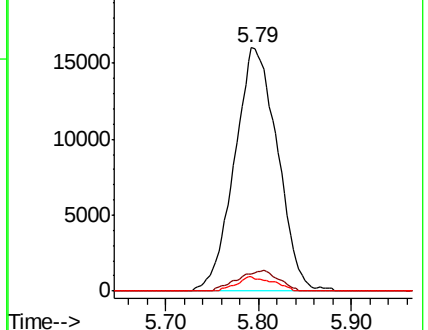
100 5.7 2.5 7.6

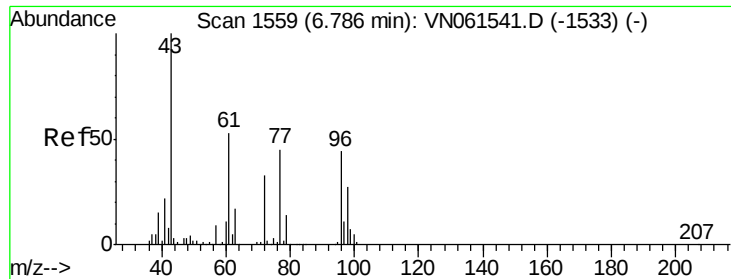


Abundance Ion 62.90 (62.60 to 63.60): VN061596.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN061596.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN061596.D (-1158) (-)





#25

2-Butanone

Concen: 0.722 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VN061596.D

Acq: 1 Jun 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

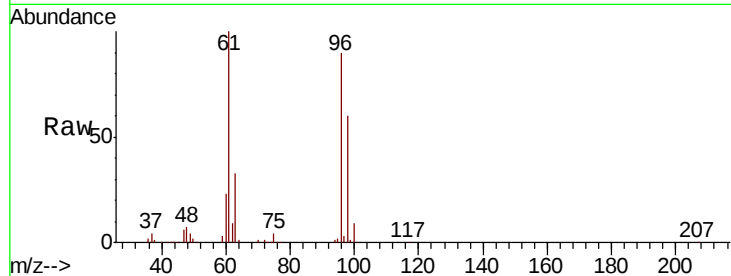
WP022MW357-200527

Tot Ion: 43 Resp: 1171

Ion Ratio Lower Upper

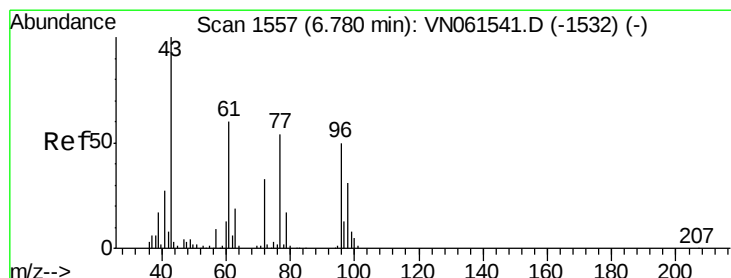
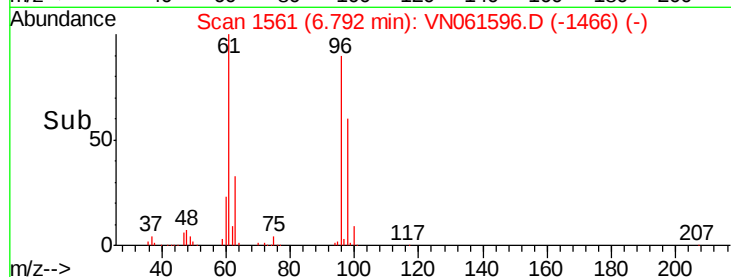
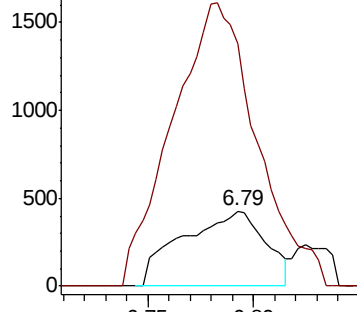
43 100

72 253.0 26.0 39.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#27

cis-1,2-Dichloroethene

Concen: 125.329 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061596.D

Acq: 1 Jun 2020 15:46

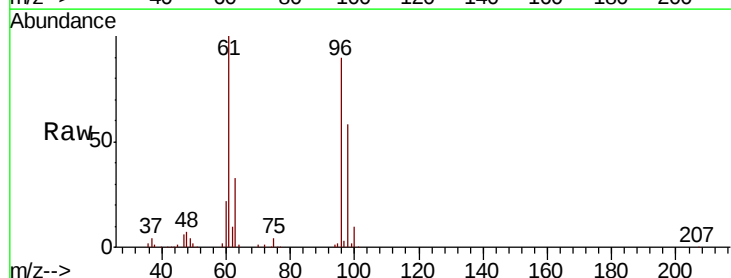
Tgt Ion: 96 Resp: 469662

Ion Ratio Lower Upper

96 100

61 112.7 0.0 252.2

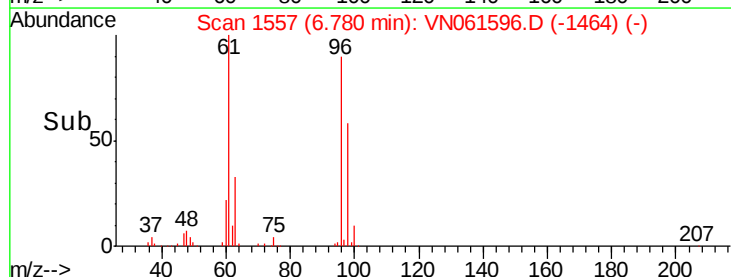
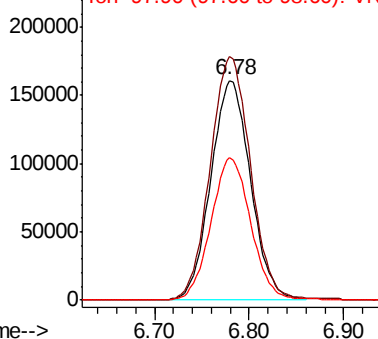
98 65.1 0.0 129.2

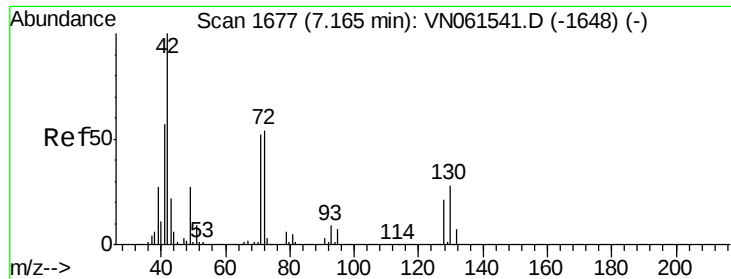


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

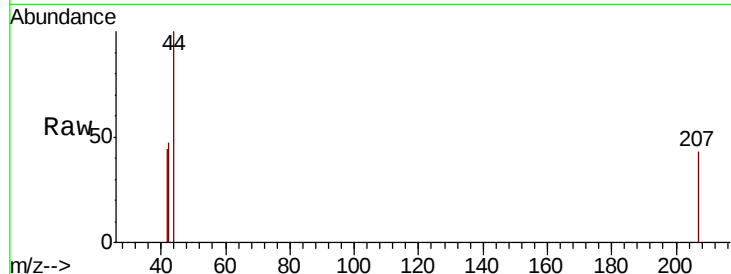




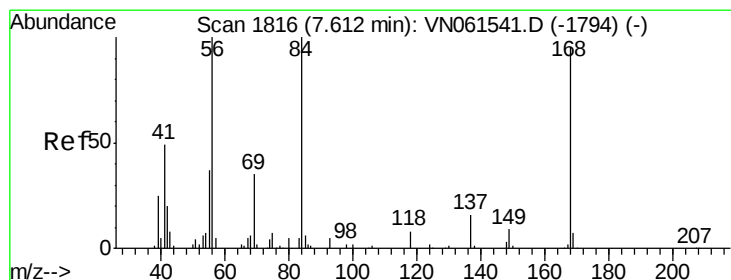
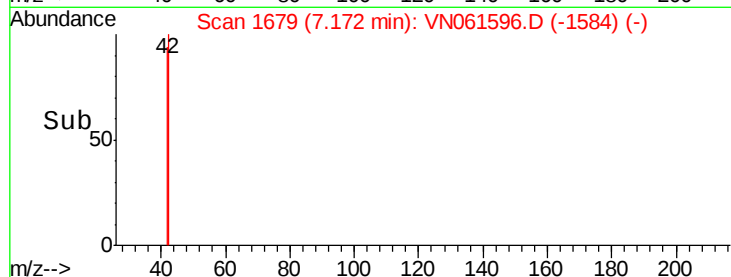
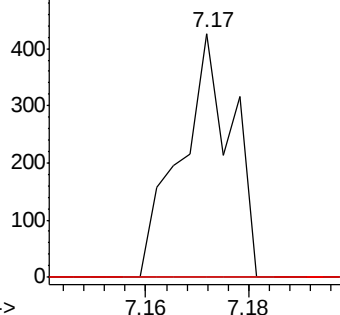
#29  
Tetrahydrofuran  
Concen: 0.275 ug/l  
RT: 7.17 min Scan# 1679  
Delta R.T. 0.01 min  
Lab File: VN061596.D  
Acq: 1 Jun 2020 15:46

Instrument :  
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ClientSampleId :  
WP022MW357-200527

Tot Ion: 42 Resp: 294  
Ion Ratio Lower Upper  
42 100  
72 0.0 43.6 65.4#  
71 0.0 41.2 61.8#

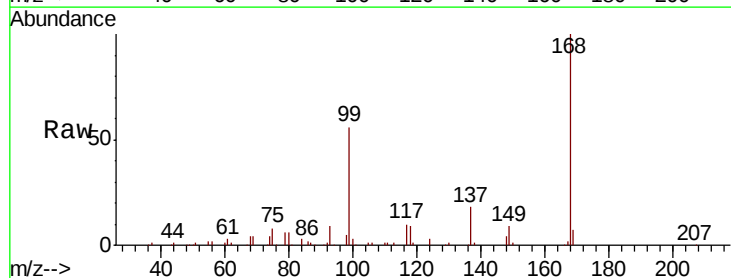


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

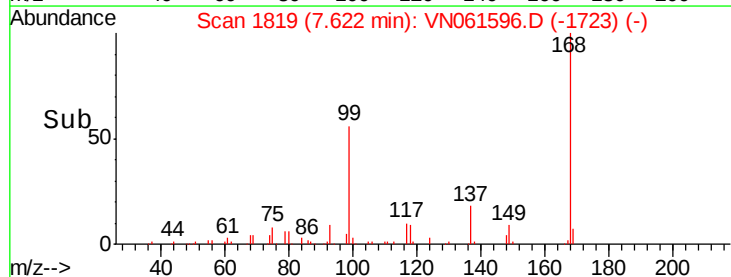
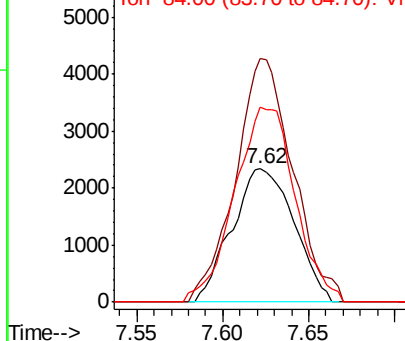


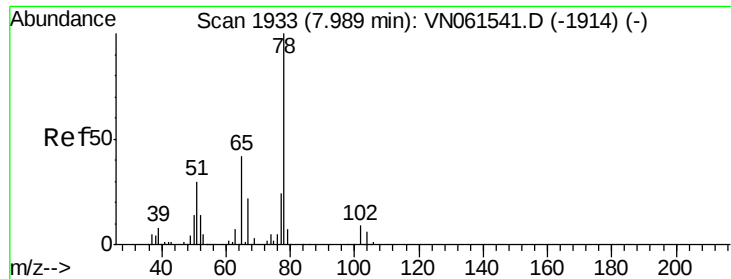
#31  
Cyclohexane  
Concen: 1.221 ug/l  
RT: 7.62 min Scan# 1819  
Delta R.T. 0.01 min  
Lab File: VN061596.D  
Acq: 1 Jun 2020 15:46

Tgt Ion: 56 Resp: 5886  
Ion Ratio Lower Upper  
56 100  
69 182.8 27.8 41.8#  
84 139.9 79.9 119.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

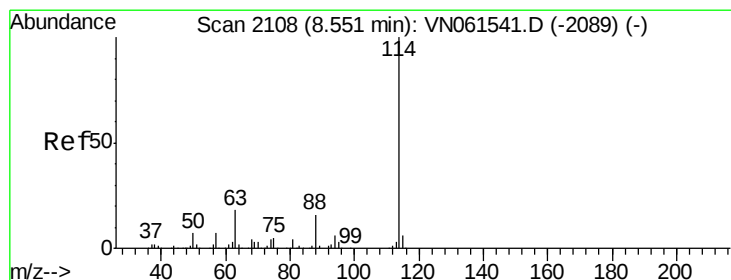
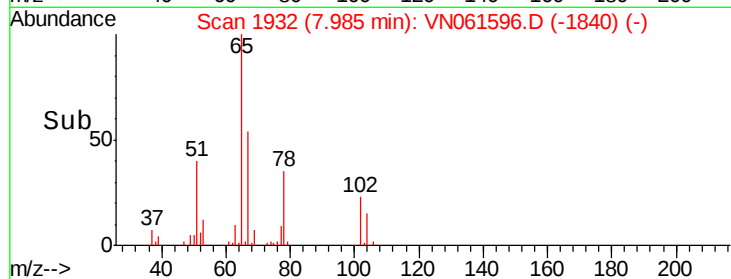
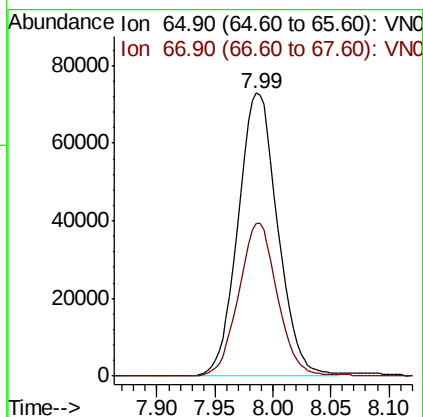
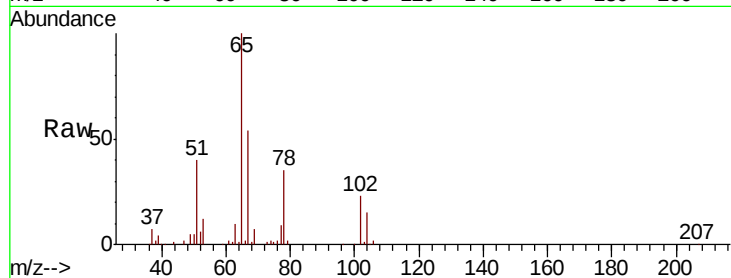




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.799 ug/l  
 RT: 7.99 min Scan# 1932  
 Delta R.T. -0.00 min  
 Lab File: VN061596.D  
 Acq: 1 Jun 2020 15:46

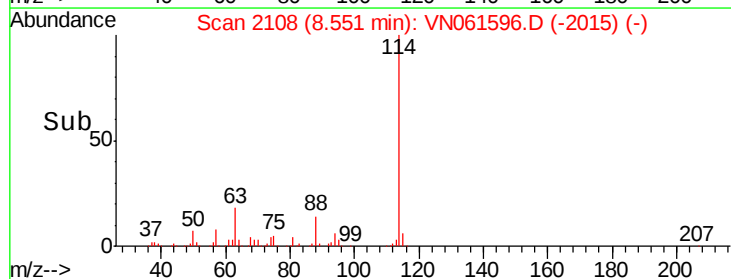
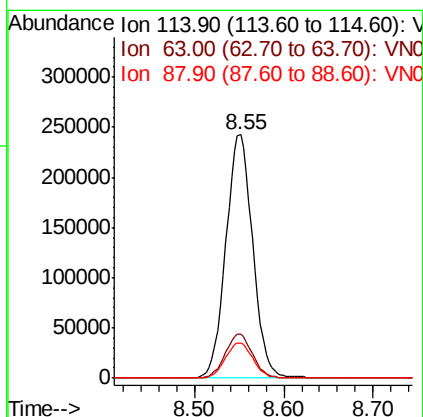
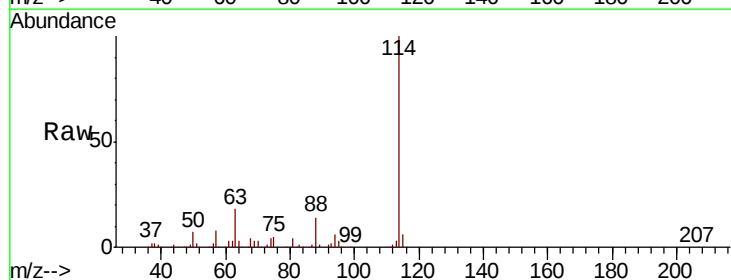
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WP022MW357-200527

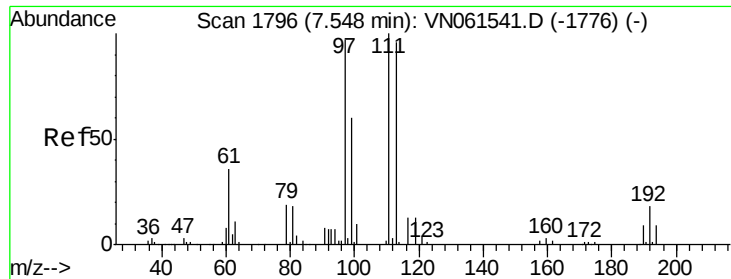
Tot Ion: 65 Resp: 173815  
 Ion Ratio Lower Upper  
 65 100  
 67 52.5 0.0 104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. 0.00 min  
 Lab File: VN061596.D  
 Acq: 1 Jun 2020 15:46

Tgt Ion: 114 Resp: 505689  
 Ion Ratio Lower Upper  
 114 100  
 63 17.9 0.0 35.8  
 88 14.5 0.0 31.0

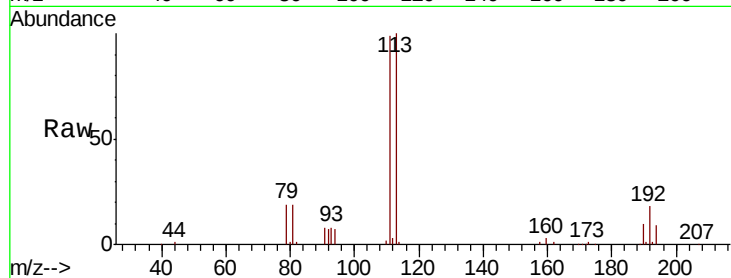




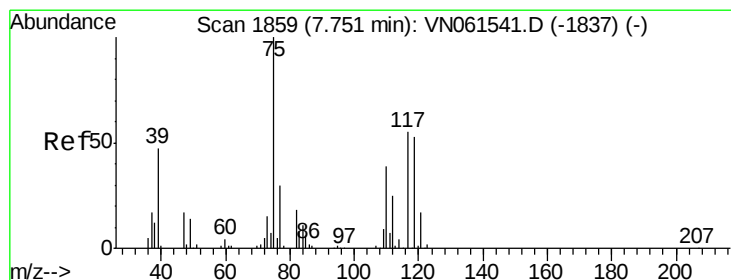
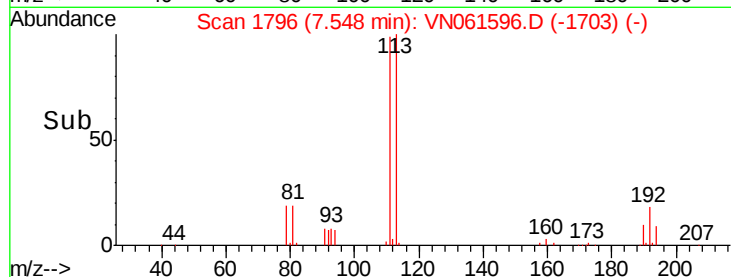
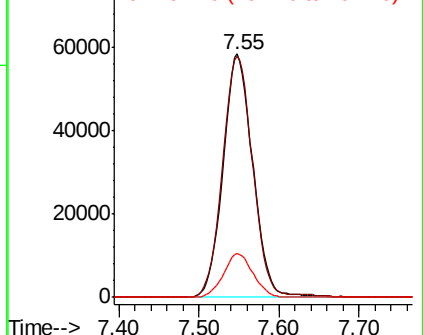
#35  
 Dibromofluoromethane  
 Concen: 57.698 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. 0.00 min  
 Lab File: VN061596.D  
 Acq: 1 Jun 2020 15:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WP022MW357-200527

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 100.4 | 83.4  | 125.0 |
| 192     | 17.8  | 15.4  | 23.2  |

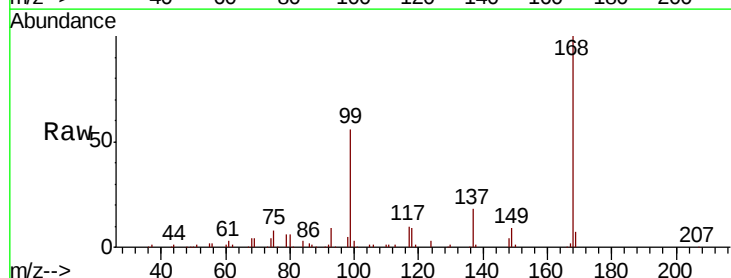


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

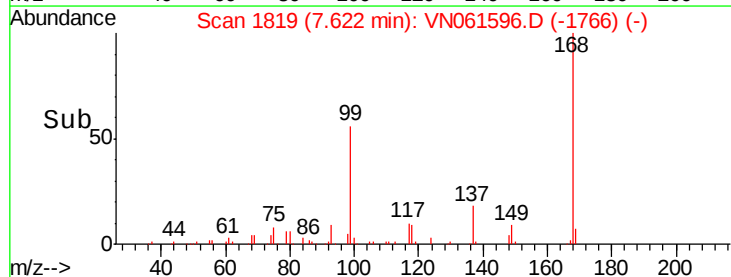
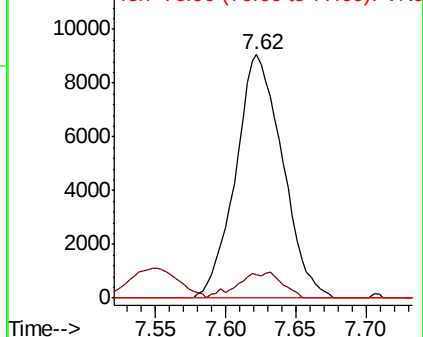


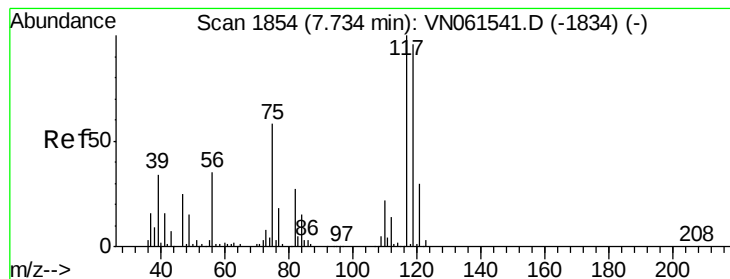
#36  
 1,1-Dichloropropene  
 Concen: 4.702 ug/l  
 RT: 7.62 min Scan# 1819  
 Delta R.T. -0.13 min  
 Lab File: VN061596.D  
 Acq: 1 Jun 2020 15:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 10.0  | 19.5  | 58.5# |
| 77      | 0.0   | 24.7  | 37.1# |



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: 6.704 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN061596.D

Acq: 1 Jun 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

WP022MW357-200527

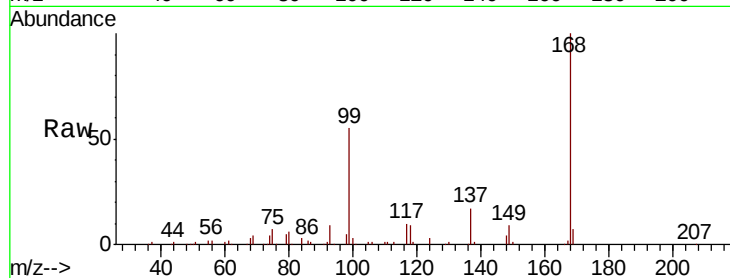
Tot Ion:117 Resp: 28948

Ion Ratio Lower Upper

117 100

119 5.2 76.5 114.7#

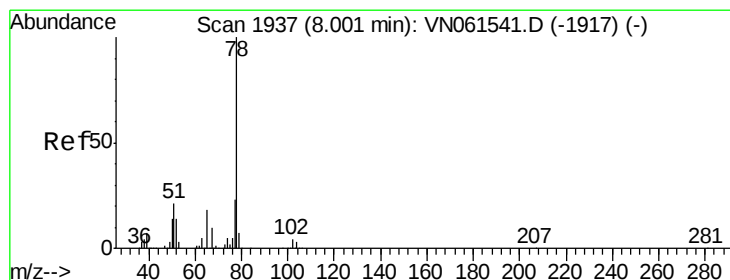
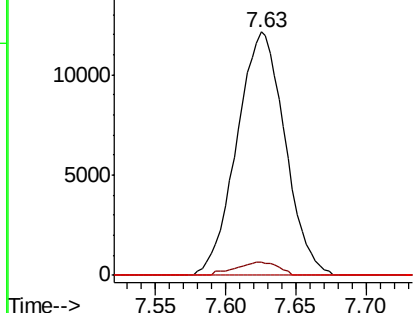
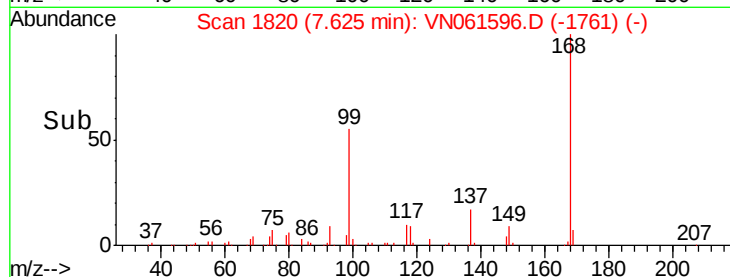
121 0.0 24.1 36.1#



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



#40

Benzene

Concen: 7.738 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061596.D

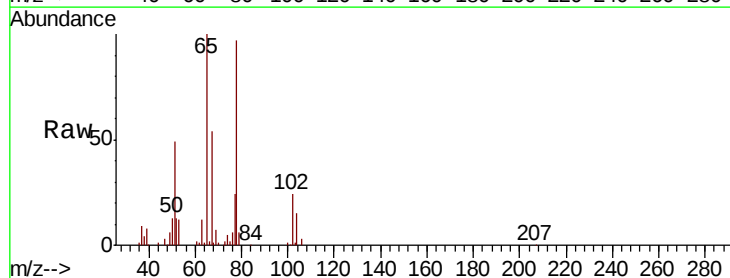
Acq: 1 Jun 2020 15:46

Tgt Ion: 78 Resp: 106883

Ion Ratio Lower Upper

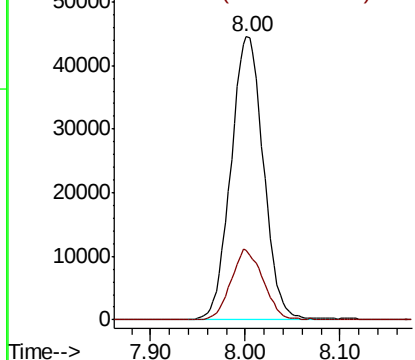
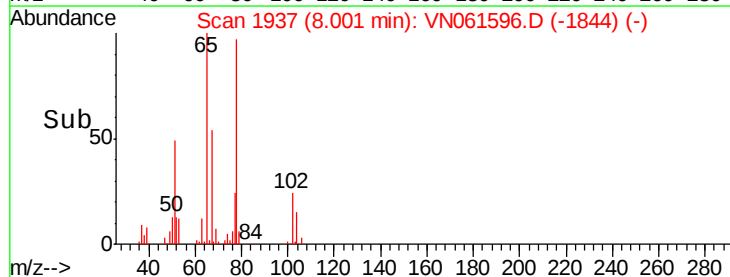
78 100

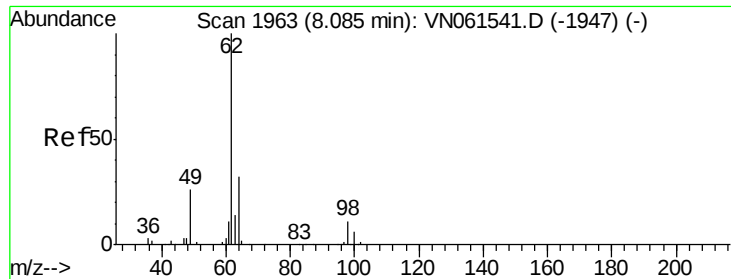
77 24.7 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#42

1,2-Dichloroethane

Concen: 4.234 ug/l

RT: 8.08 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VN061596.D

Acq: 1 Jun 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

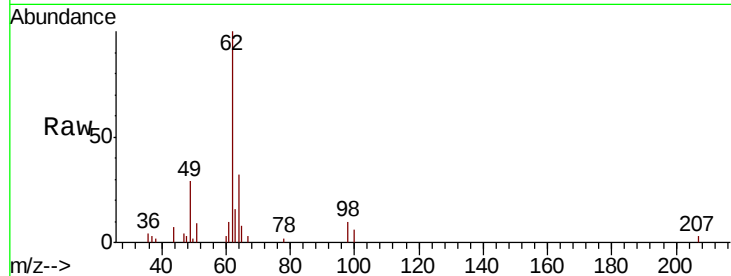
WP022MW357-200527

Tot Ion: 62 Resp: 19579

Ion Ratio Lower Upper

62 100

98 9.6 0.0 21.4

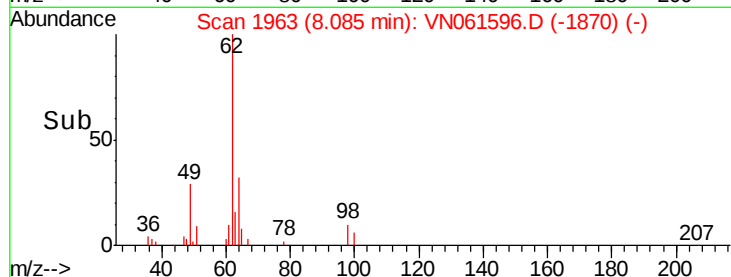


Abundance Ion 61.90 (61.60 to 62.60): VN061541.D (-1947) (-)

Ion 97.90 (97.60 to 98.60): VN061541.D (-1947) (-)

8.08

Time-->

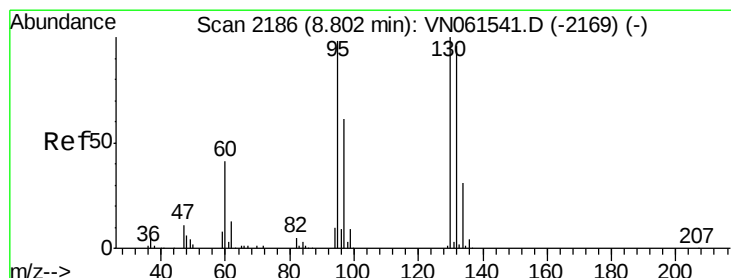


Abundance Ion 61.90 (61.60 to 62.60): VN061596.D (-1870) (-)

Ion 97.90 (97.60 to 98.60): VN061596.D (-1870) (-)

8.08

Time-->



#44

Trichloroethene

Concen: 3.710 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061596.D

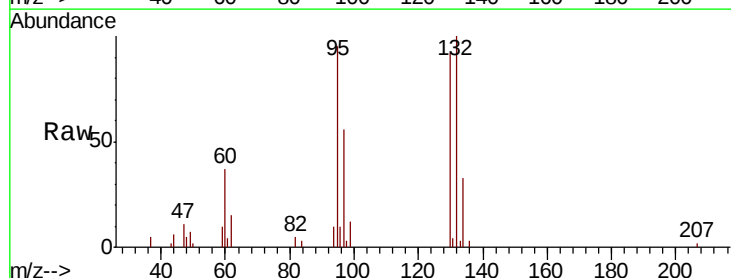
Acq: 1 Jun 2020 15:46

Tgt Ion:130 Resp: 15749

Ion Ratio Lower Upper

130 100

95 104.0 0.0 196.6

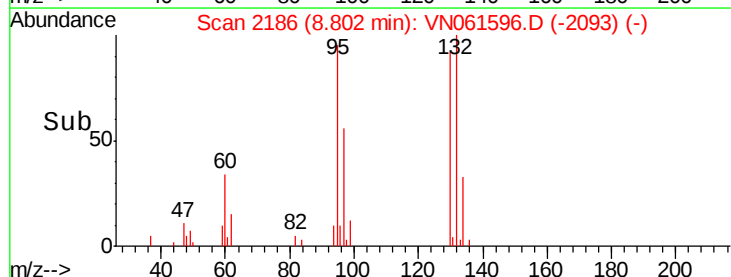


Abundance Ion 129.80 (129.50 to 130.50): VN061541.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN061541.D (-2169) (-)

8.80

Time-->

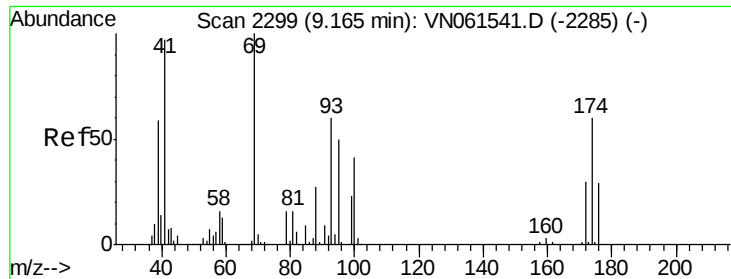


Abundance Ion 129.80 (129.50 to 130.50): VN061596.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN061596.D (-2093) (-)

8.80

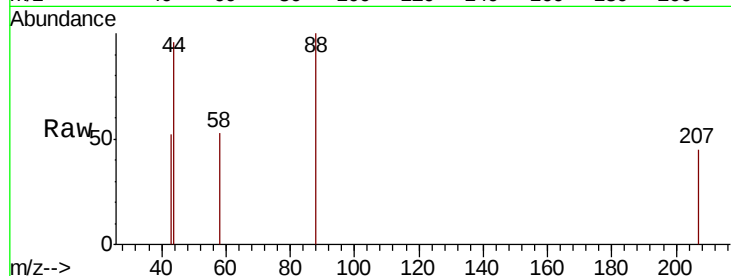
Time-->



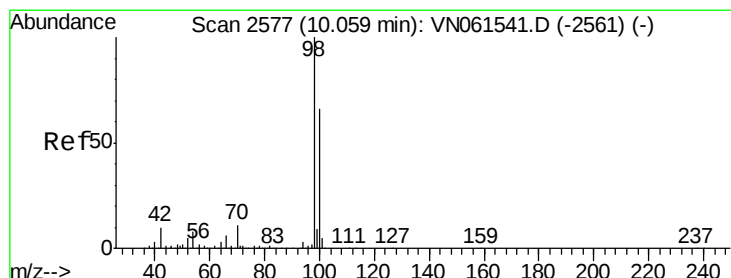
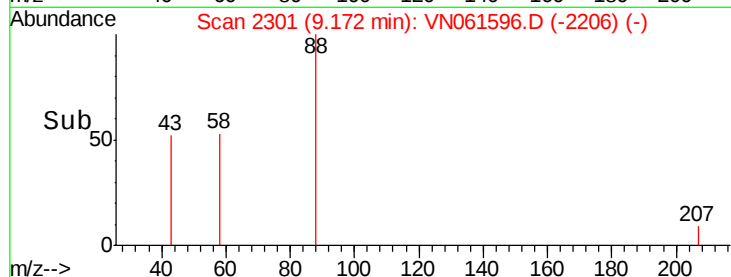
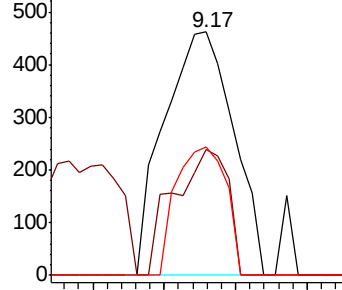
#49  
 1,4-Dioxane  
 Concen: 13.735 ug/l  
 RT: 9.17 min Scan# 2301  
 Delta R.T. 0.01 min  
 Lab File: VN061596.D  
 Acq: 1 Jun 2020 15:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WP022MW357-200527

Tot Ion: 88 Resp: 621  
 Ion Ratio Lower Upper  
 88 100  
 43 40.4 23.1 34.7#  
 58 38.0 48.3 72.5#

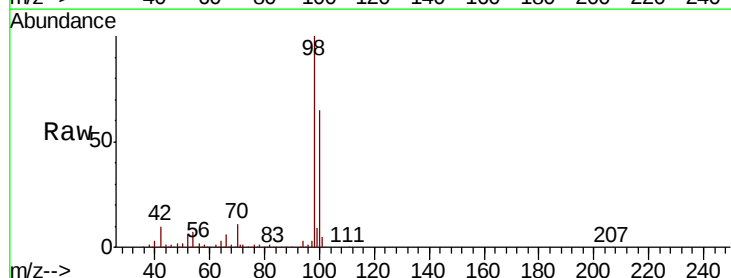


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

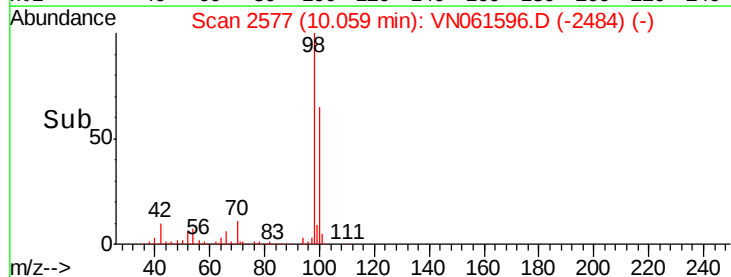
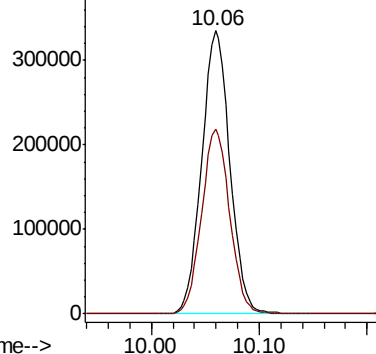


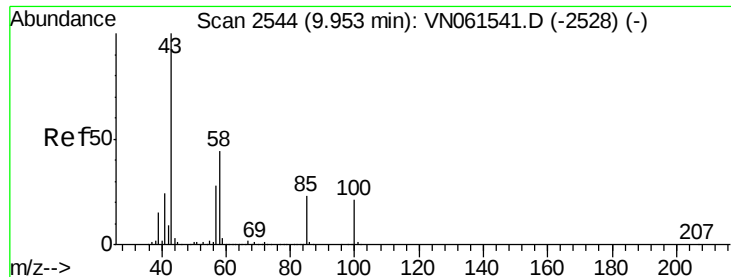
#50  
 Toluene-d8  
 Concen: 51.435 ug/l  
 RT: 10.06 min Scan# 2577  
 Delta R.T. 0.00 min  
 Lab File: VN061596.D  
 Acq: 1 Jun 2020 15:46

Tgt Ion: 98 Resp: 611450  
 Ion Ratio Lower Upper  
 98 100  
 100 65.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN0  
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.217 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061596.D

Acq: 1 Jun 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

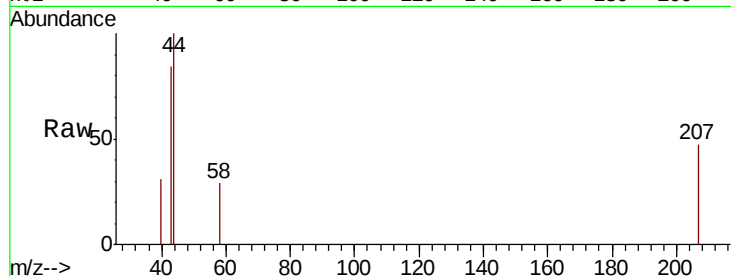
WP022MW357-200527

Tot Ion: 43 Resp: 792

Ion Ratio Lower Upper

43 100

58 0.0 35.0 52.6#



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN061541.D (-2528) (-)

9.95

400

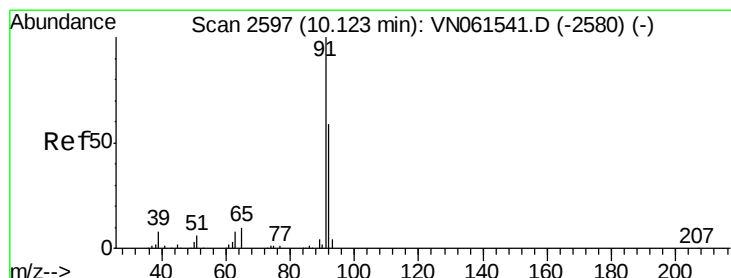
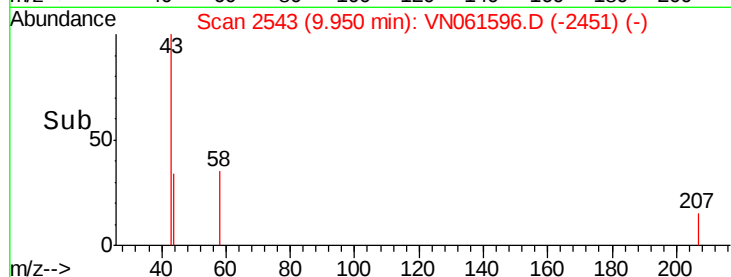
300

200

100

0

Time-->



#52

Toluene

Concen: 0.487 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061596.D

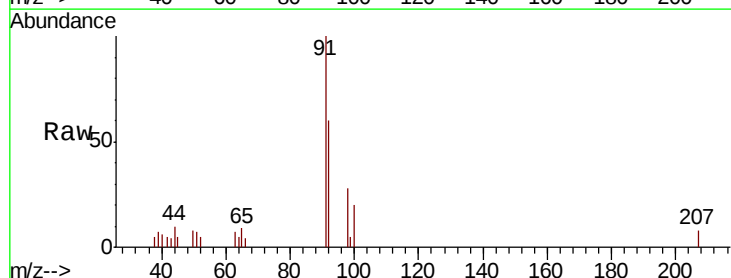
Acq: 1 Jun 2020 15:46

Tgt Ion: 92 Resp: 4387

Ion Ratio Lower Upper

92 100

91 163.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VN061541.D (-2580) (-)

Ion 91.00 (90.70 to 91.70): VN061541.D (-2580) (-)

10.13

4000

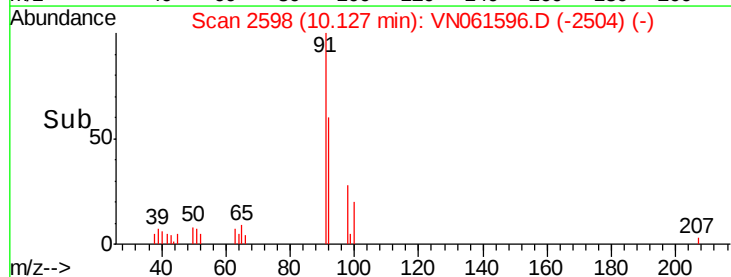
3000

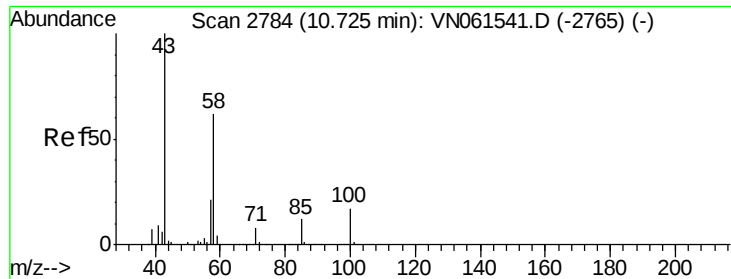
2000

1000

0

Time-->

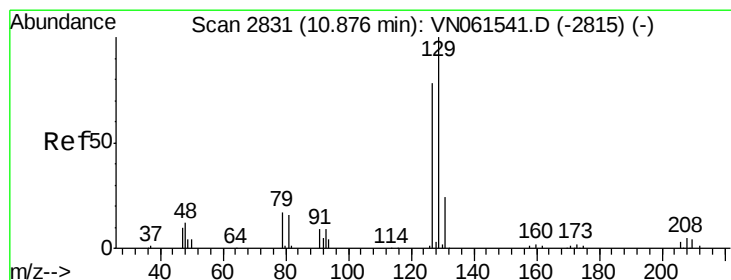
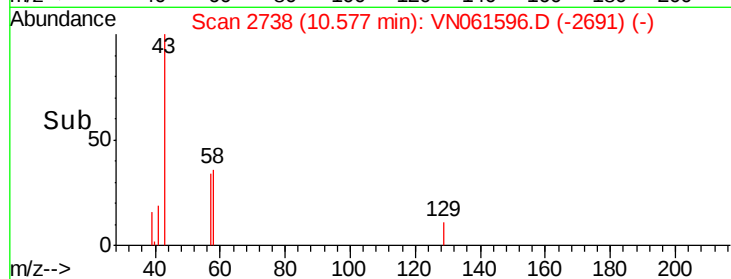
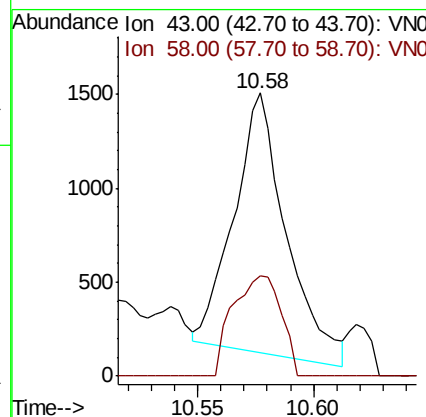
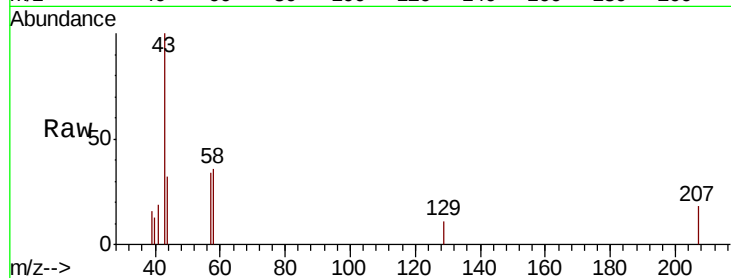




#59  
2-Hexanone  
Concen: 0.818 ug/l  
RT: 10.58 min Scan# 2738  
Delta R.T. -0.15 min  
Lab File: VN061596.D  
Acq: 1 Jun 2020 15:46

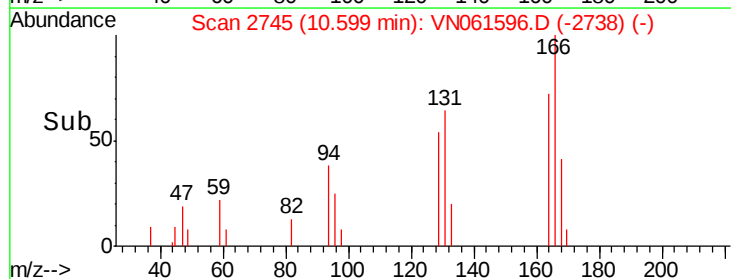
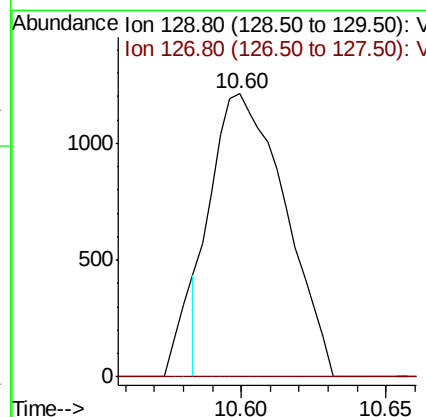
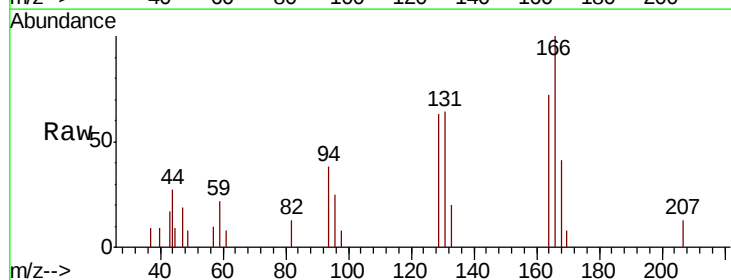
Instrument :  
MSVOA\_N  
ClientSampleId :  
WP022MW357-200527

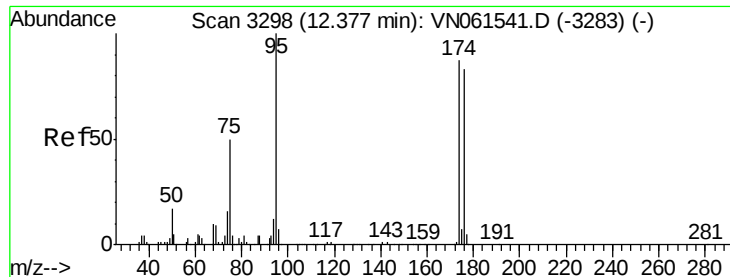
Tot Ion: 43 Resp: 2148  
Ion Ratio Lower Upper  
43 100  
58 36.2 30.7 92.1



#60  
Dibromochloromethane  
Concen: 0.524 ug/l  
RT: 10.60 min Scan# 2745  
Delta R.T. -0.28 min  
Lab File: VN061596.D  
Acq: 1 Jun 2020 15:46

Tgt Ion: 129 Resp: 2139  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.8 116.3#





#62

4-Bromofluorobenzene

Concen: 53.689 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061596.D

Acq: 1 Jun 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

WP022MW357-200527

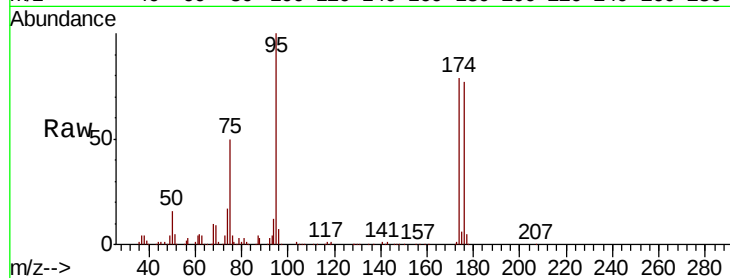
Tot Ion: 95 Resp: 232855

Ion Ratio Lower Upper

95 100

174 79.8 0.0 172.8

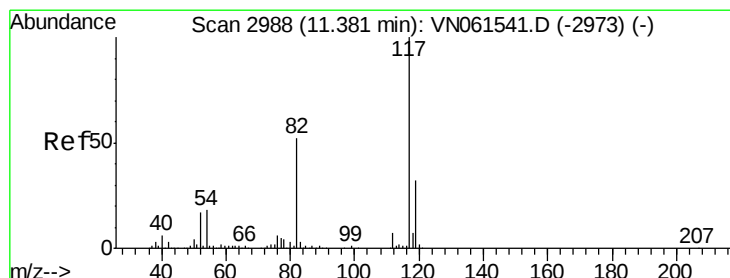
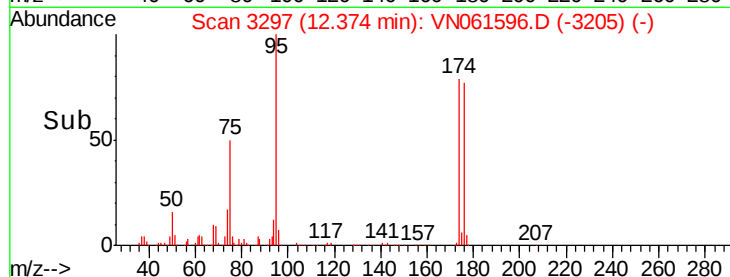
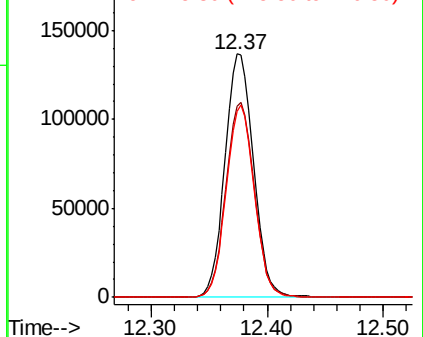
176 77.7 0.0 164.8



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: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061596.D

Acq: 1 Jun 2020 15:46

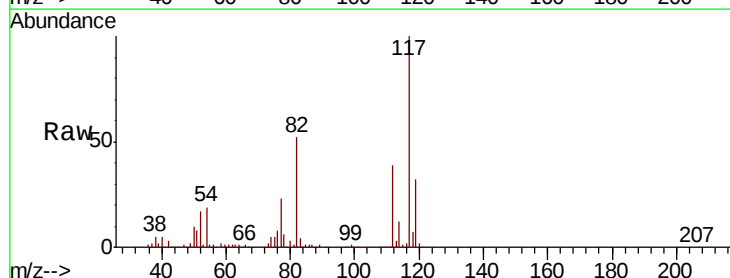
Tgt Ion: 117 Resp: 503981

Ion Ratio Lower Upper

117 100

82 52.2 41.5 62.3

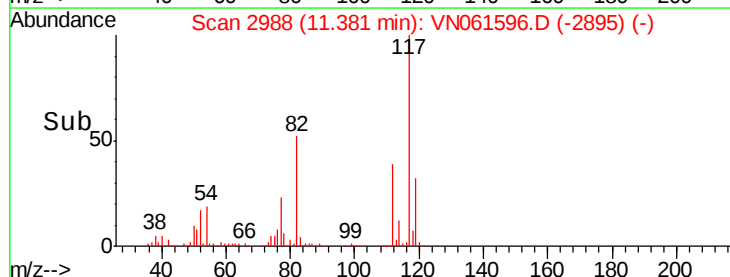
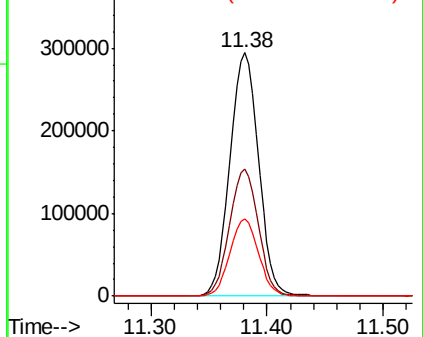
119 31.9 25.6 38.4

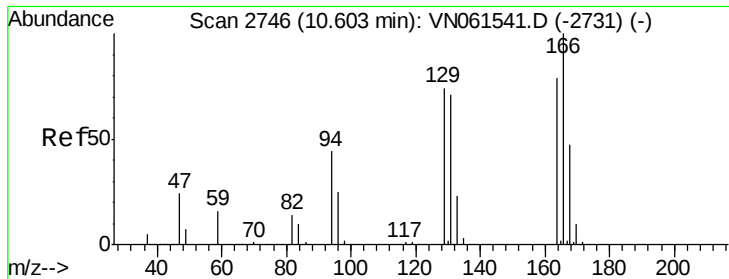


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

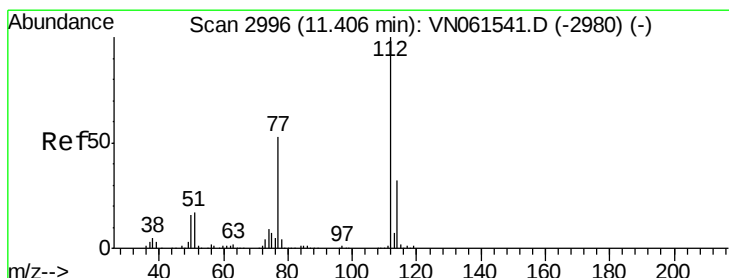
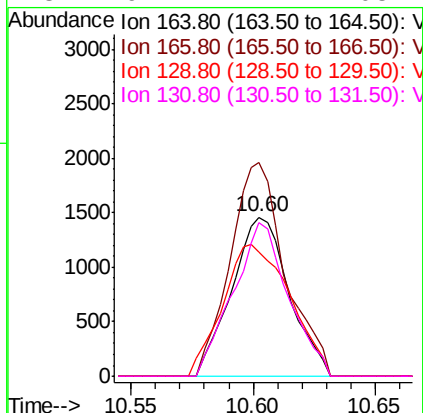
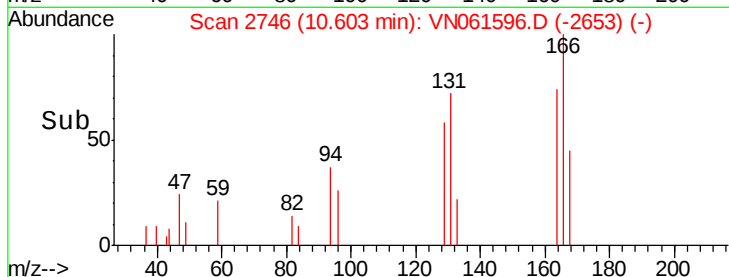
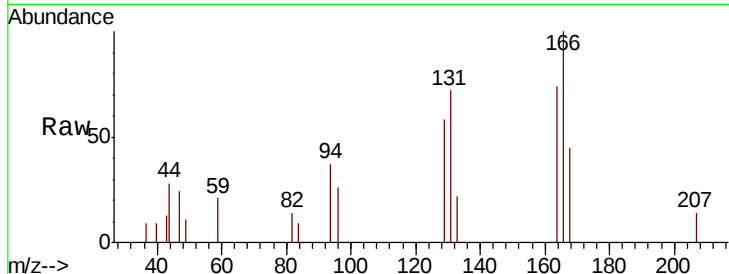




#64  
Tetrachloroethene  
Concen: 0.500 ug/l  
RT: 10.60 min Scan# 2746  
Delta R.T. 0.00 min  
Lab File: VN061596.D  
Acq: 1 Jun 2020 15:46

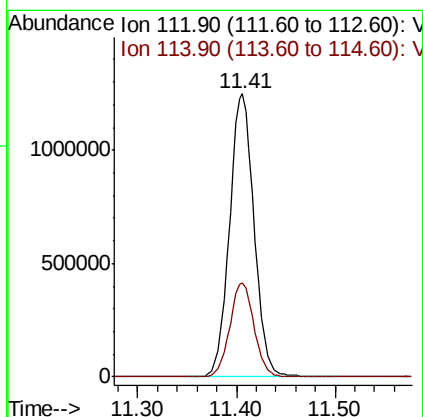
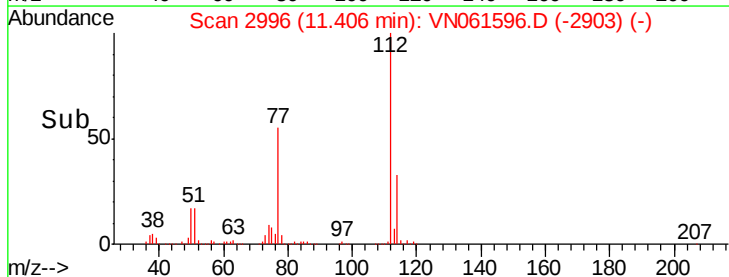
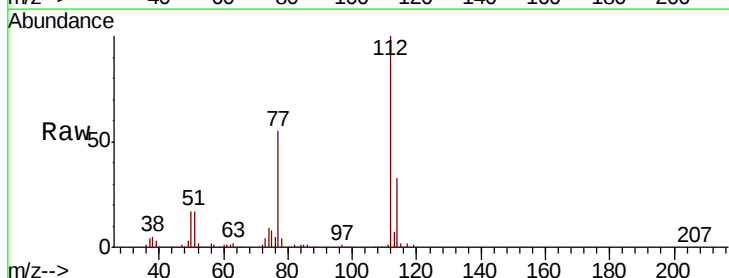
Instrument :  
MSVOA\_N  
ClientSampleId :  
WP022MW357-200527

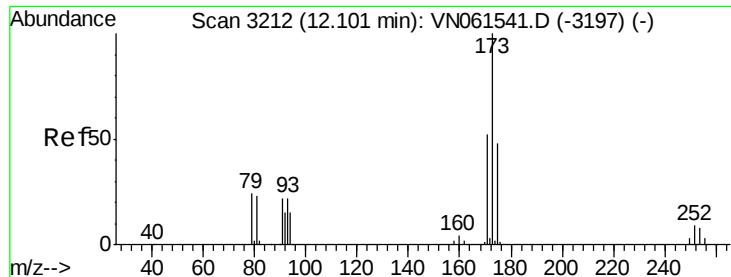
Tot Ion:164 Resp: 2372  
Ion Ratio Lower Upper  
164 100  
166 134.4 101.5 152.3  
129 77.9 74.9 112.3  
131 97.1 72.2 108.2



#65  
Chlorobenzene  
Concen: 206.679 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN061596.D  
Acq: 1 Jun 2020 15:46

Tgt Ion:112 Resp: 2165148  
Ion Ratio Lower Upper  
112 100  
114 33.3 25.7 38.5





#71

Bromoform

Concen: 0.557 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN061596.D

Acq: 1 Jun 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

WP022MW357-200527

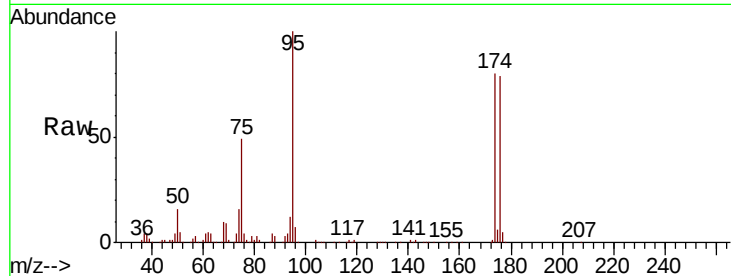
Tot Ion:173 Resp: 1673

Ion Ratio Lower Upper

173 100

175 733.4 24.4 73.2#

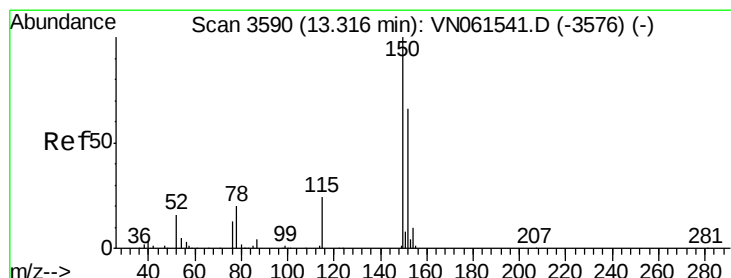
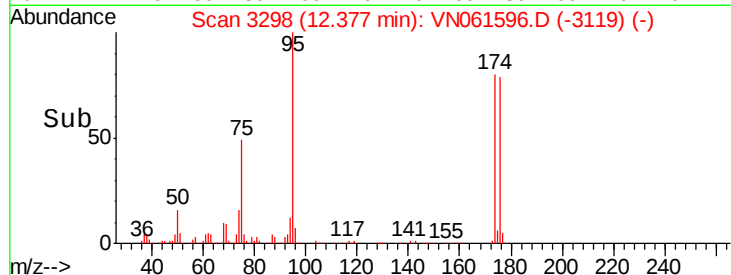
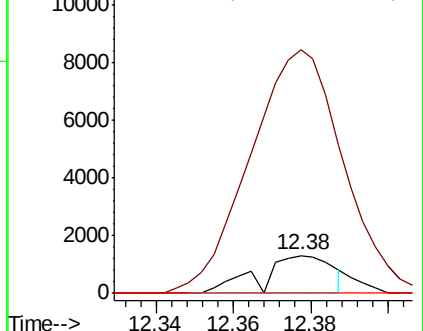
254 0.0 0.0 0.0



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: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061596.D

Acq: 1 Jun 2020 15:46

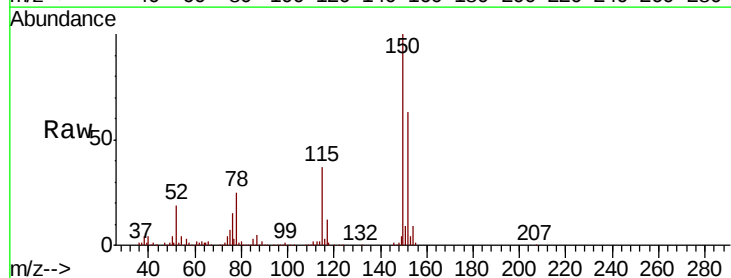
Tgt Ion:152 Resp: 234662

Ion Ratio Lower Upper

152 100

115 58.2 28.0 84.0

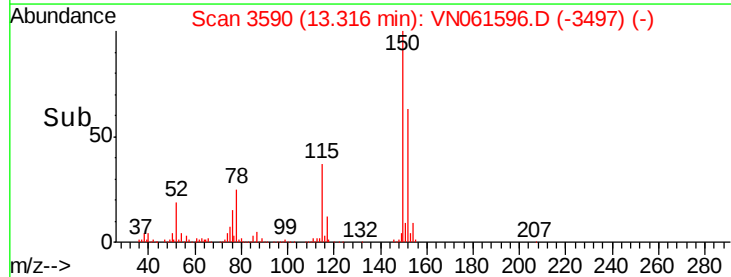
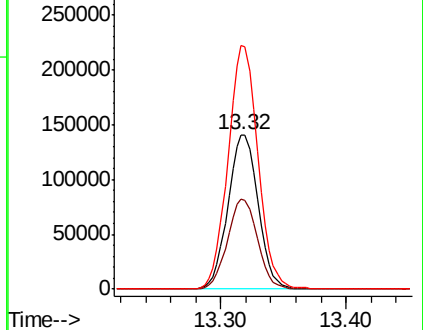
150 156.1 0.0 344.0

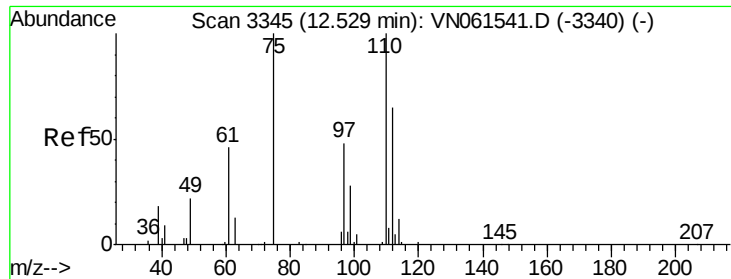


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 27.228 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN061596.D

Acq: 1 Jun 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

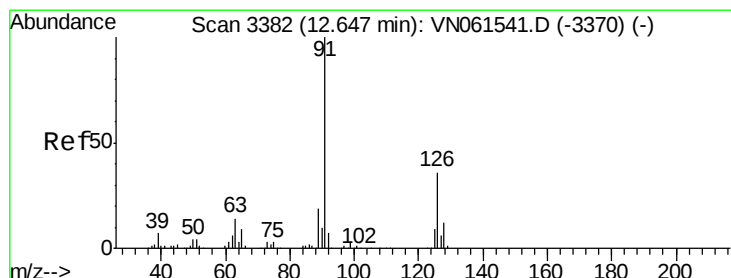
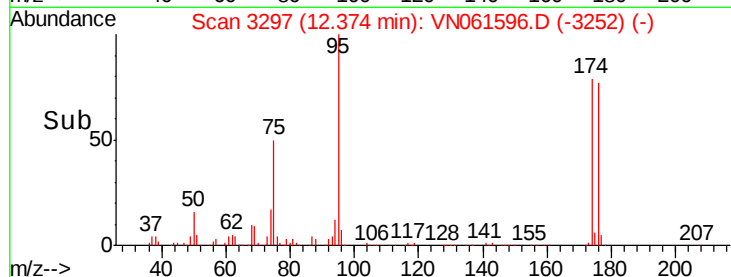
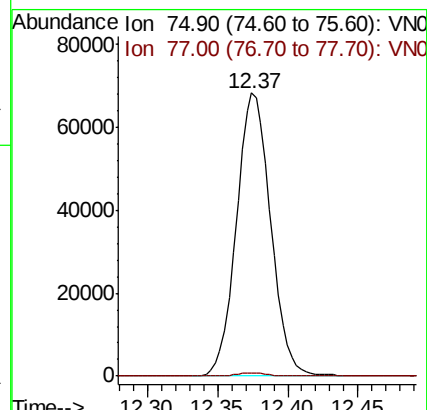
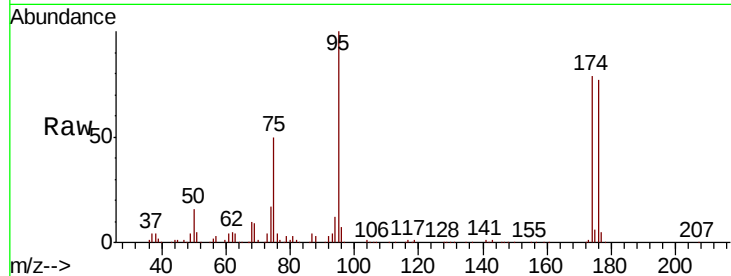
WP022MW357-200527

Tot Ion: 75 Resp: 116184

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#79

2-Chlorotoluene

Concen: 0.282 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061596.D

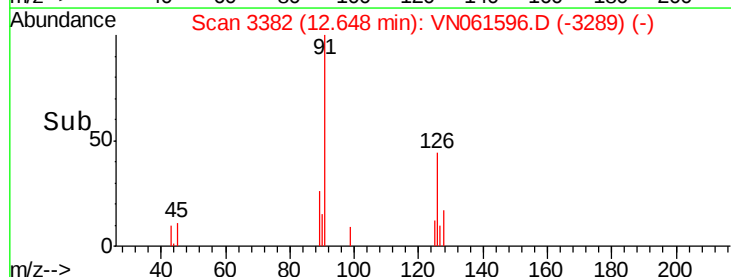
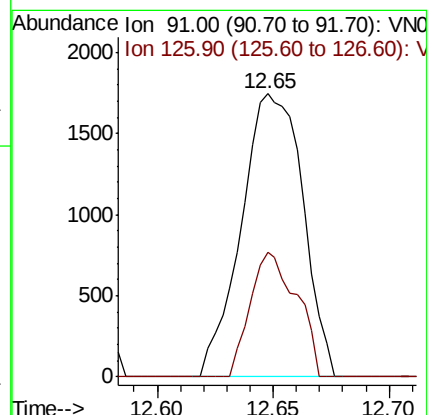
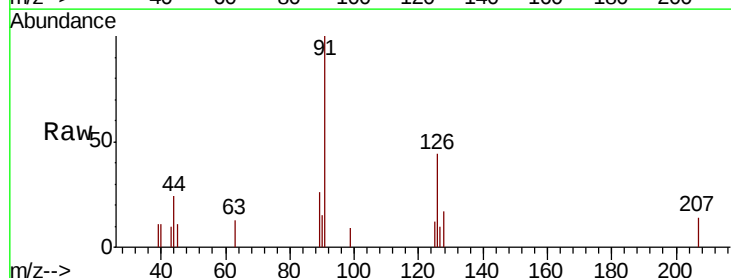
Acq: 1 Jun 2020 15:46

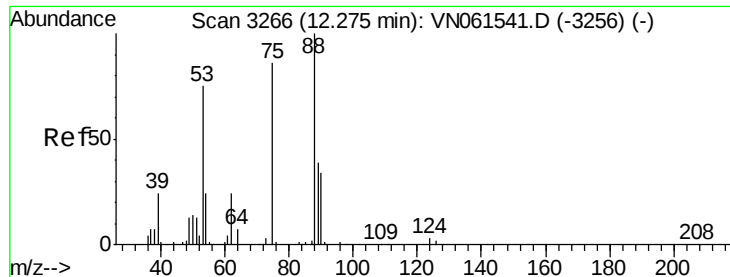
Tgt Ion: 91 Resp: 3219

Ion Ratio Lower Upper

91 100

126 33.3 17.9 53.7





#81

trans-1,4-Dichloro-2-butene

Concen: 69.629 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.10 min

Lab File: VN061596.D

Acq: 1 Jun 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

WP022MW357-200527

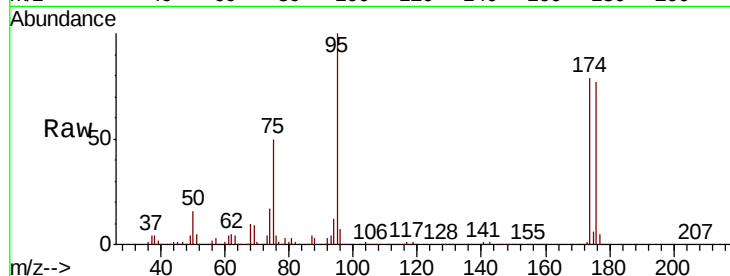
Tot Ion: 75 Resp: 116184

Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

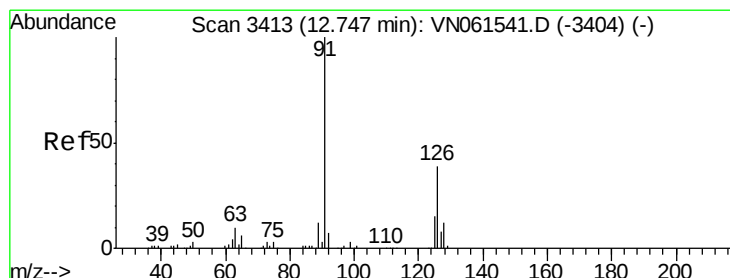
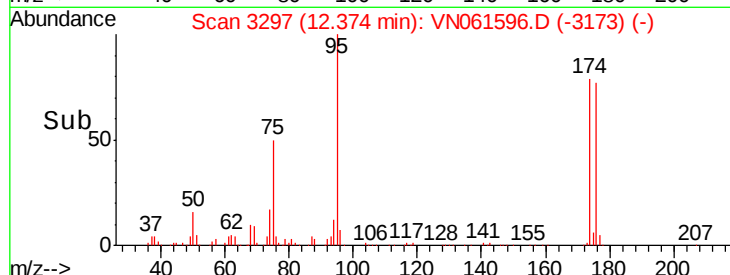
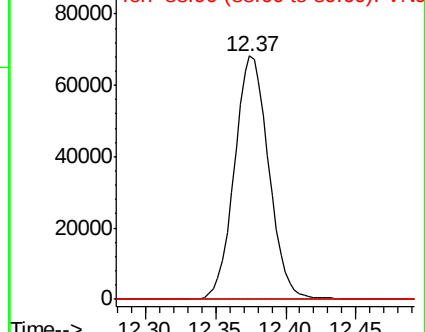
89 0.0 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.268 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.10 min

Lab File: VN061596.D

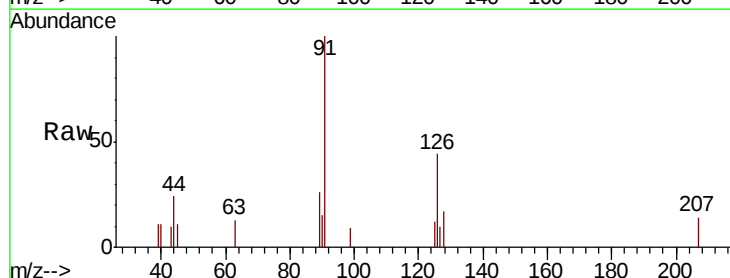
Acq: 1 Jun 2020 15:46

Tgt Ion: 91 Resp: 3219

Ion Ratio Lower Upper

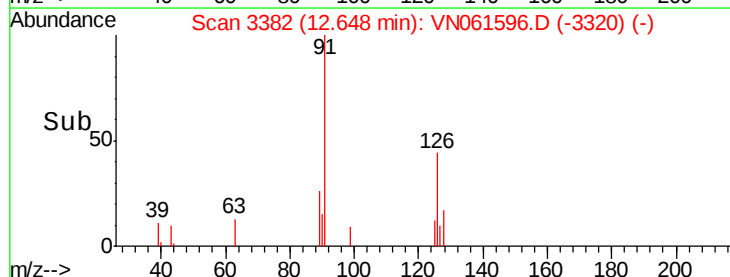
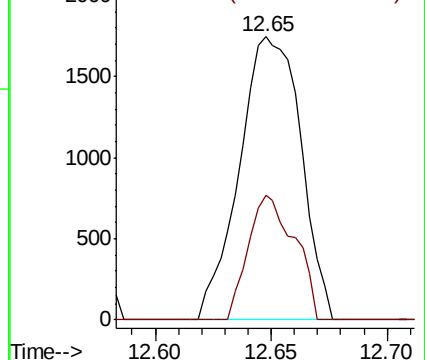
91 100

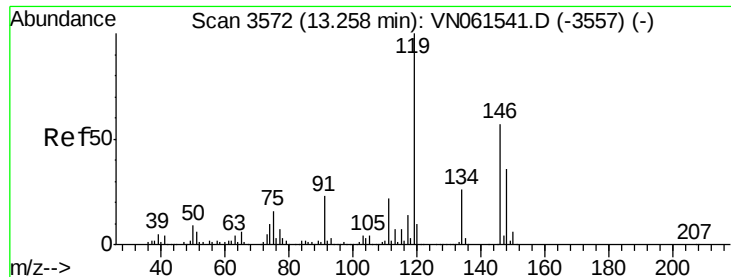
126 33.3 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

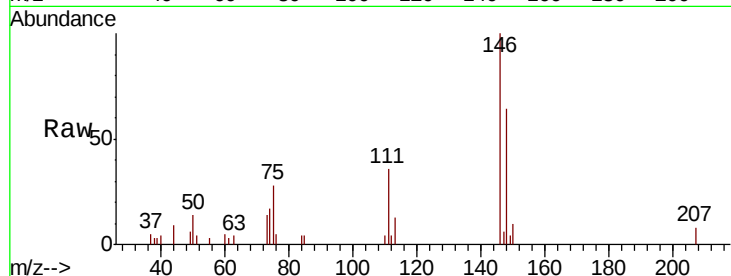




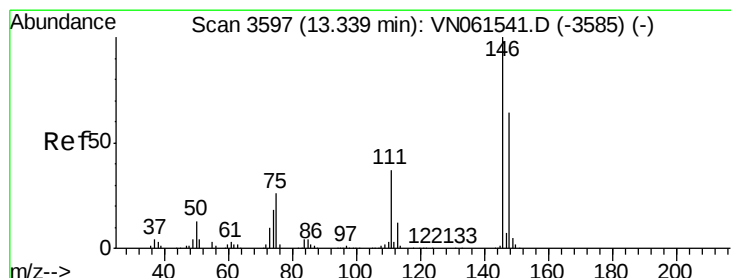
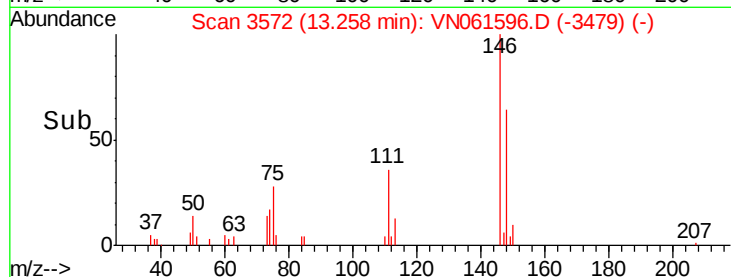
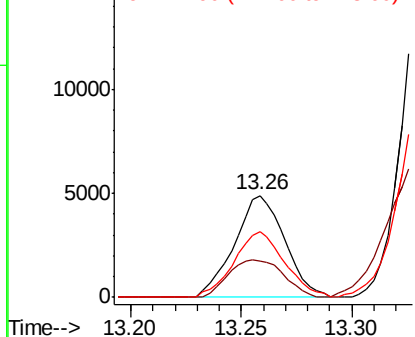
#87  
 1,3-Dichlorobenzene  
 Concen: 0.996 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. 0.00 min  
 Lab File: VN061596.D  
 Acq: 1 Jun 2020 15:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WP022MW357-200527

Tot Ion:146 Resp: 7713  
 Ion Ratio Lower Upper  
 146 100  
 111 40.5 19.2 57.6  
 148 64.8 31.7 95.1

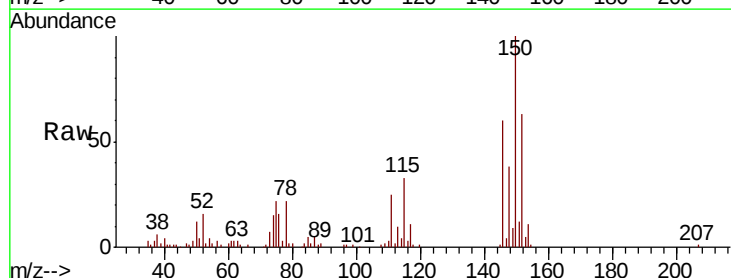


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

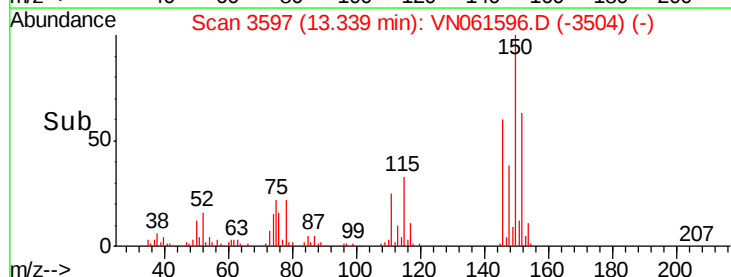
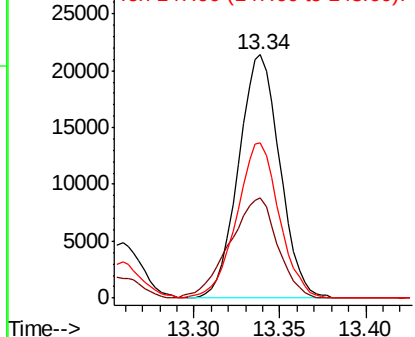


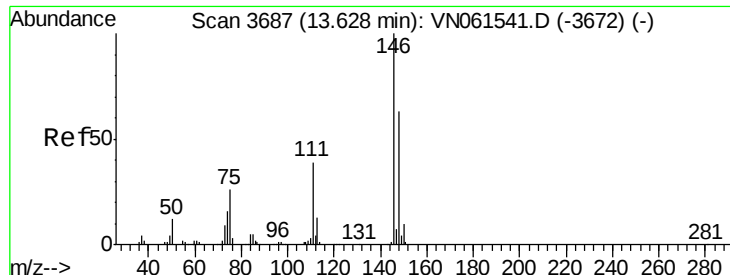
#88  
 1,4-Dichlorobenzene  
 Concen: 4.510 ug/l  
 RT: 13.34 min Scan# 3597  
 Delta R.T. 0.00 min  
 Lab File: VN061596.D  
 Acq: 1 Jun 2020 15:46

Tgt Ion:146 Resp: 35568  
 Ion Ratio Lower Upper  
 146 100  
 111 47.9 18.9 56.9  
 148 65.8 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: 4.655 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN061596.D

Acq: 1 Jun 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

WP022MW357-200527

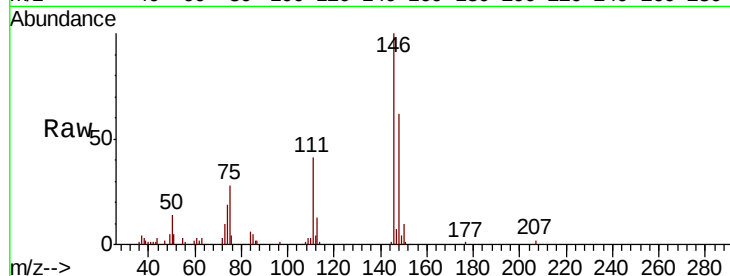
Tot Ion:146 Resp: 34439

Ion Ratio Lower Upper

146 100

111 40.8 20.1 60.2

148 61.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V

