

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN083119\  
 Data File : VN057606.D  
 Acq On : 30 Aug 2019 23:00  
 Operator : JC/SP  
 Sample : K4517-32  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 T4-S-C-(2.5)

Quant Time: Aug 31 00:51:57 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N082919W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 30 11:59:03 2019  
 Response via : Initial Calibration

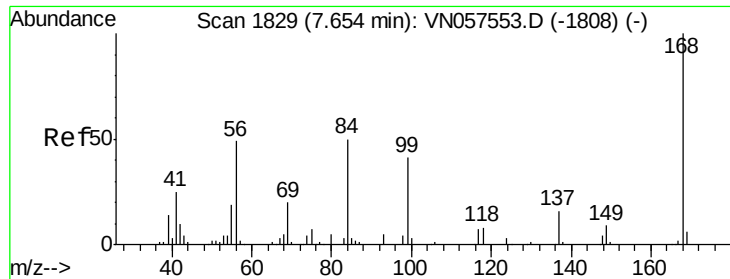
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 608587   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 947068   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 795682   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 221700   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.02  | 65   | 361520   | 36.29  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 72.58% |          |
| 35) Dibromofluoromethane    | 7.58  | 113  | 283085   | 33.44  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 66.88% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1135396  | 37.92  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 75.84% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 308770   | 30.72  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 61.44% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 8) Diethyl Ether               | 3.41  | 74   | 1447     | 0.208     | ug/l # | 31     |
| 16) Acetone                    | 3.81  | 43   | 11415    | 2.835     | ug/l # | 87     |
| 18) Methyl Acetate             | 4.31  | 43   | 6556     | Below Cal | #      | 36     |
| 20) Methylene Chloride         | 4.53  | 84   | 13718    | 1.839     | ug/l # | 85     |
| 31) Cyclohexane                | 7.66  | 56   | 13316    | 1.151     | ug/l # | 19     |
| 36) 1,1-Dichloropropene        | 7.65  | 75   | 42486    | 4.147     | ug/l # | 52     |
| 38) Carbon Tetrachloride       | 7.65  | 117  | 57224    | 4.776     | ug/l # | 15     |
| 41) Methacrylonitrile          | 7.18  | 41   | 161      | 1.317     | ug/l # | 20     |
| 43) Isopropyl Acetate          | 8.16  | 43   | 74036    | 5.843     | ug/l # | 94     |
| 45) 1,2-Dichloropropane        | 9.26  | 63   | 2129     | 0.290     | ug/l # | 44     |
| 48) Methyl methacrylate        | 9.18  | 41   | 4321     | 0.722     | ug/l # | 15     |
| 49) 1,4-Dioxane                | 9.28  | 88   | 79       | 0.723     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 5034     | 0.743     | ug/l   | 99     |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 37712    | 3.040     | ug/l # | 58     |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 6115     | 0.490     | ug/l # | 46     |
| 59) 2-Hexanone                 | 10.76 | 43   | 73613    | 15.746    | ug/l # | 56     |
| 73) Isopropylbenzene           | 12.40 | 105  | 186      | Below Cal | #      | 50     |
| 74) N-amyl acetate             | 12.03 | 43   | 2187     | Below Cal | #      | 53     |
| 75) 1,1,2,2-Tetrachloroethane  | 12.41 | 83   | 158      | Below Cal | #      | 1      |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 166086   | 40.074    | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 166086   | 112.646   | ug/l # | 8      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 66       | Below Cal | #      | 22     |
| 93) 1,2,4-Trichlorobenzene     | 14.92 | 180  | 74       | 3.805     | ug/l # | 13     |

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

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Sample : K4517-32  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 19 Sample Multiplier: 1



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057606.D

Acq: 30 Aug 2019 23:00

Instrument :

MSVOA\_N

ClientSampled :

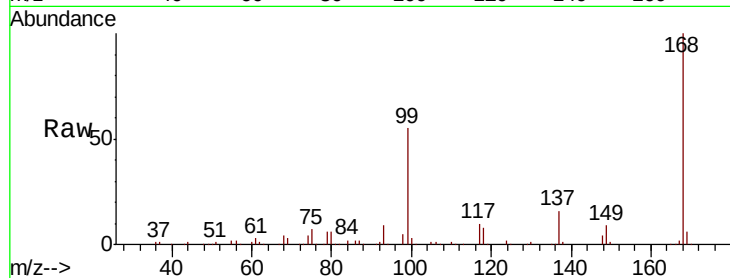
T4-S-C-(2.5)

Tgt Ion:168 Resp: 608587

Ion Ratio Lower Upper

168 100

99 54.6 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057553.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN057553.D (-1808) (-)

7.65

250000

200000

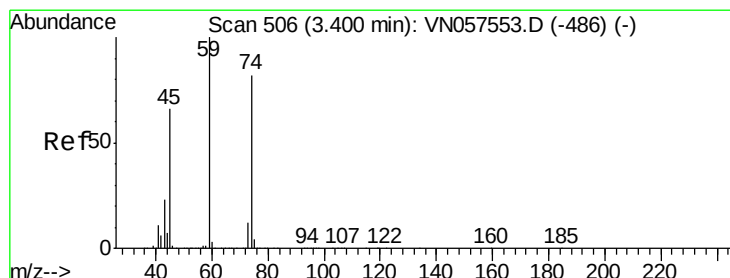
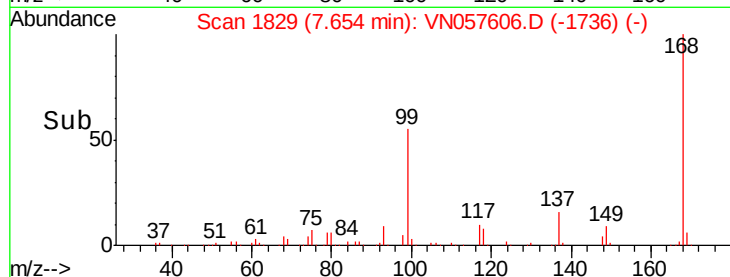
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 0.208 ug/l

RT: 3.41 min Scan# 509

Delta R.T. 0.01 min

Lab File: VN057606.D

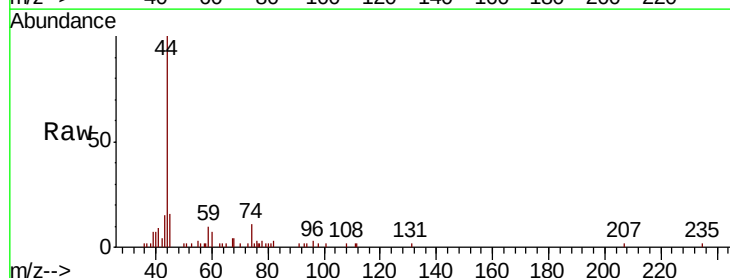
Acq: 30 Aug 2019 23:00

Tgt Ion: 74 Resp: 1447

Ion Ratio Lower Upper

74 100

45 191.3 57.9 173.6#



Abundance Ion 74.00 (73.70 to 74.70): VN057553.D (-486) (-)

Ion 45.00 (44.70 to 45.70): VN057553.D (-486) (-)

3.41

2000

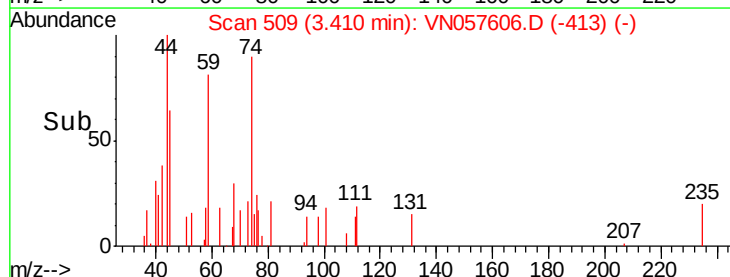
1500

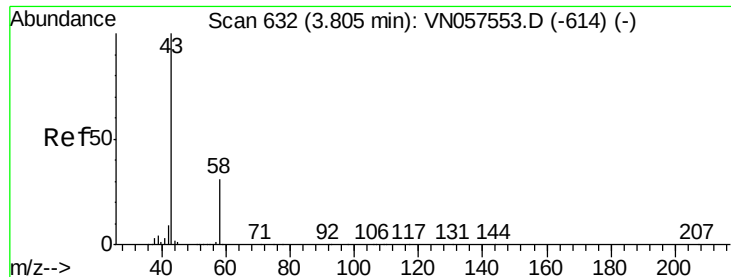
1000

500

0

Time-->

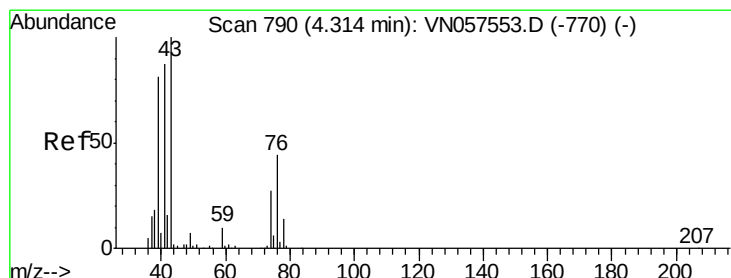
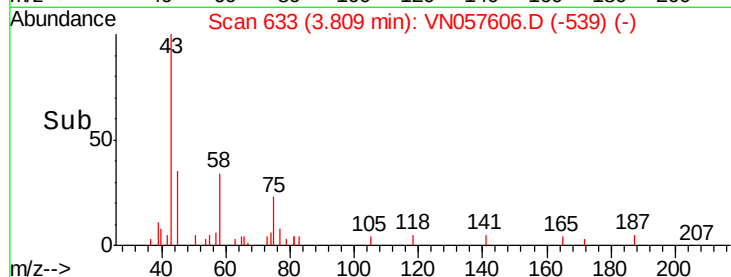
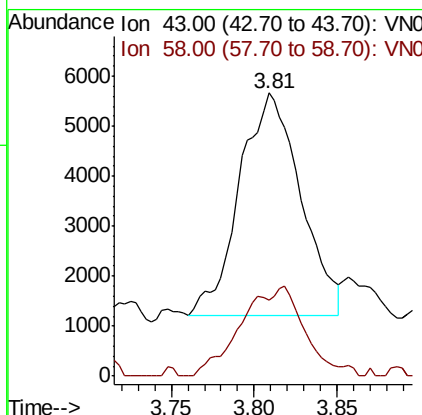
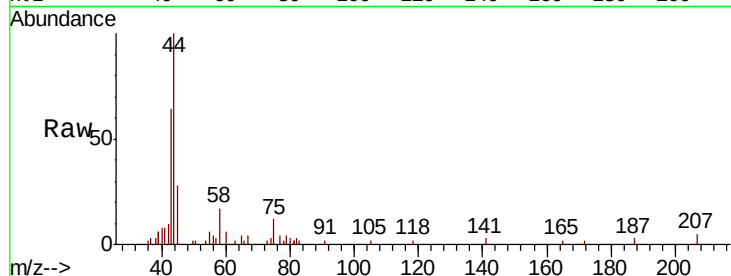




#16  
Acetone  
Concen: 2.835 ug/l  
RT: 3.81 min Scan# 633  
Delta R.T. 0.00 min  
Lab File: VN057606.D  
Acq: 30 Aug 2019 23:00

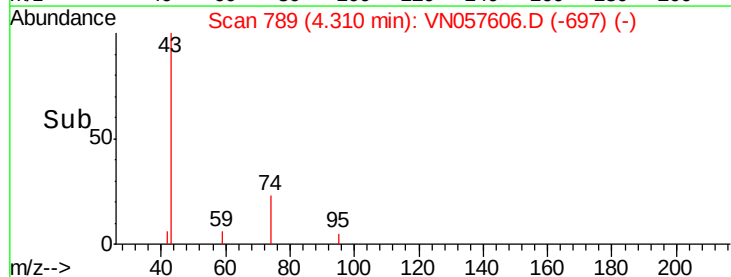
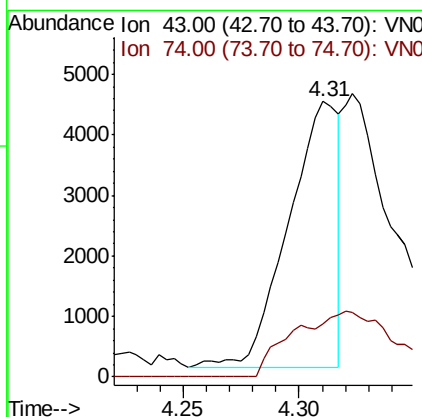
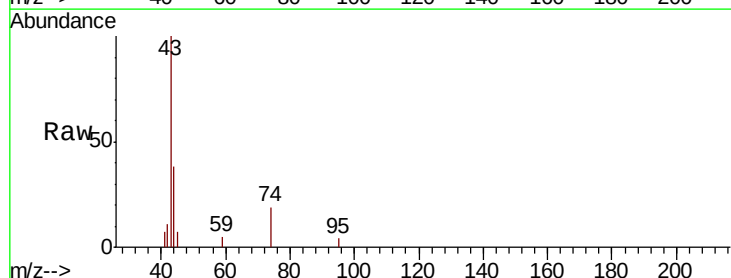
Instrument :  
MSVOA\_N  
ClientSampled :  
T4-S-C-(2.5)

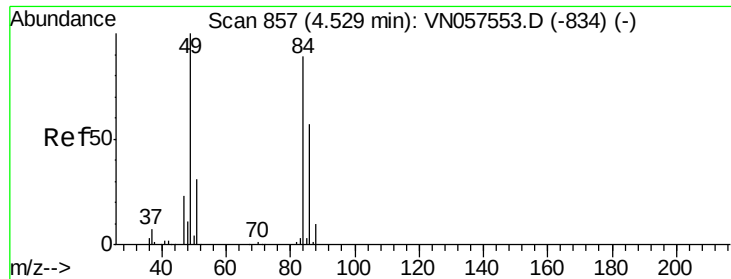
Tgt Ion: 43 Resp: 11415  
Ion Ratio Lower Upper  
43 100  
58 34.4 22.1 33.1#



#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.31 min Scan# 789  
Delta R.T. -0.00 min  
Lab File: VN057606.D  
Acq: 30 Aug 2019 23:00

Tgt Ion: 43 Resp: 6556  
Ion Ratio Lower Upper  
43 100  
74 49.2 15.9 23.9#

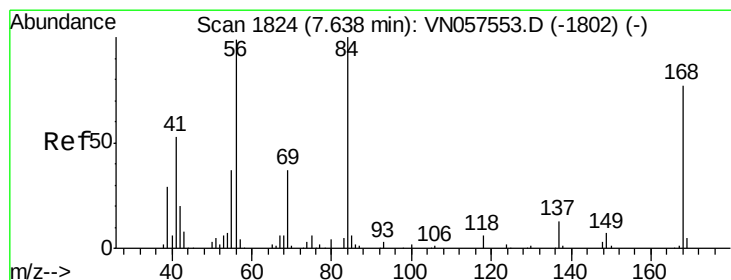
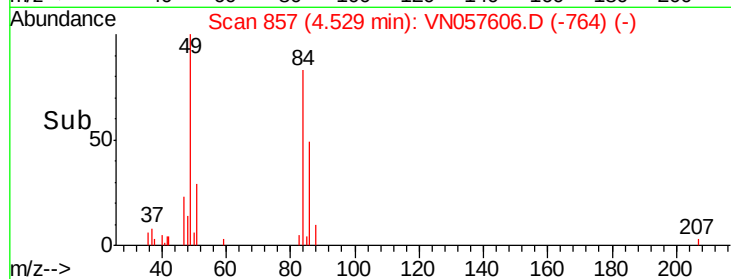
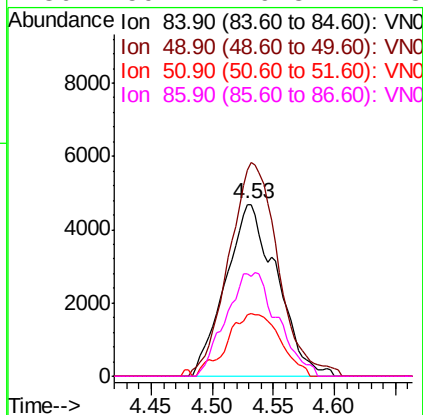
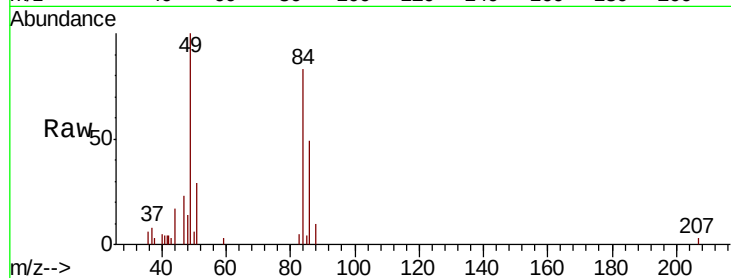




#20  
Methylene Chloride  
Concen: 1.839 ug/l  
RT: 4.53 min Scan# 857  
Delta R.T. 0.00 min  
Lab File: VN057606.D  
Acq: 30 Aug 2019 23:00

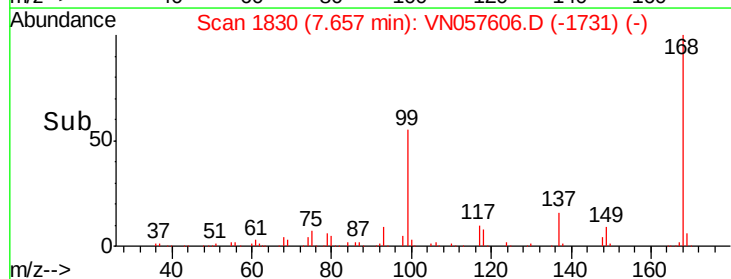
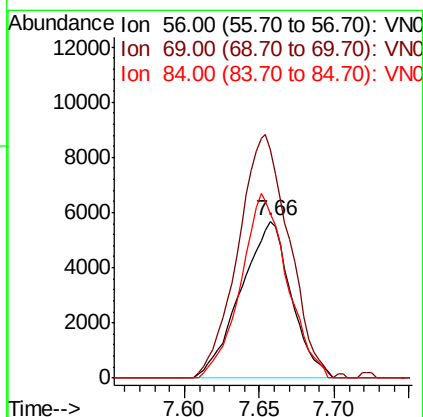
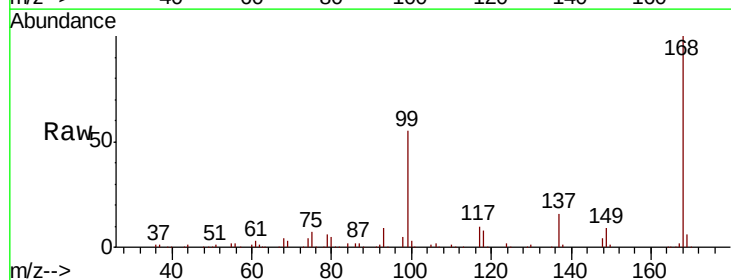
Instrument :  
MSVOA\_N  
ClientSampleId :  
T4-S-C(2.5)

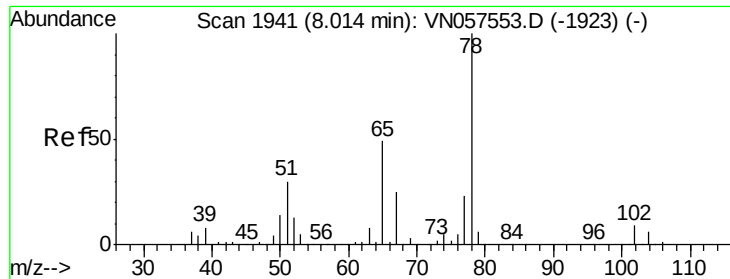
Tgt Ion: 84 Resp: 13718  
Ion Ratio Lower Upper  
84 100  
49 120.1 117.0 175.4  
51 35.4 35.5 53.3#  
86 59.4 49.8 74.8



#31  
Cyclohexane  
Concen: 1.151 ug/l  
RT: 7.66 min Scan# 1830  
Delta R.T. 0.02 min  
Lab File: VN057606.D  
Acq: 30 Aug 2019 23:00

Tgt Ion: 56 Resp: 13316  
Ion Ratio Lower Upper  
56 100  
69 145.3 25.0 37.6#  
84 104.3 62.5 93.7#

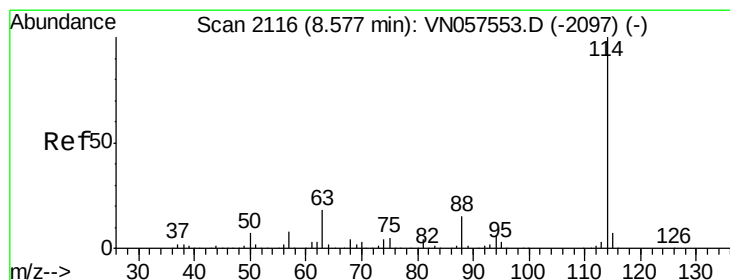
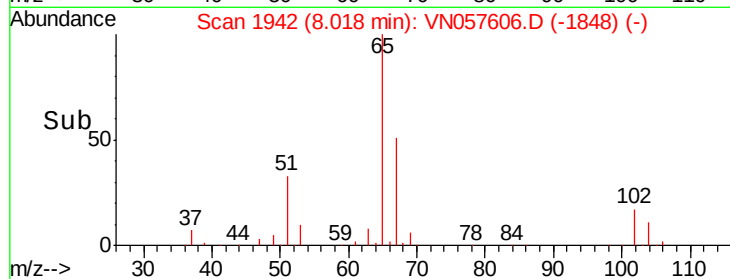
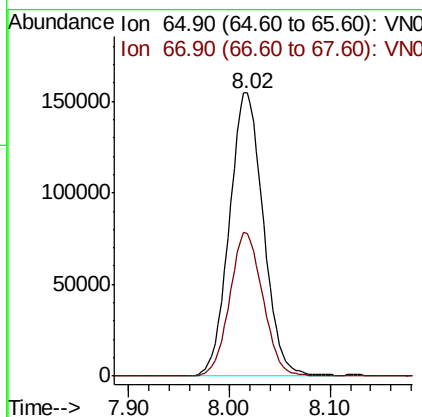
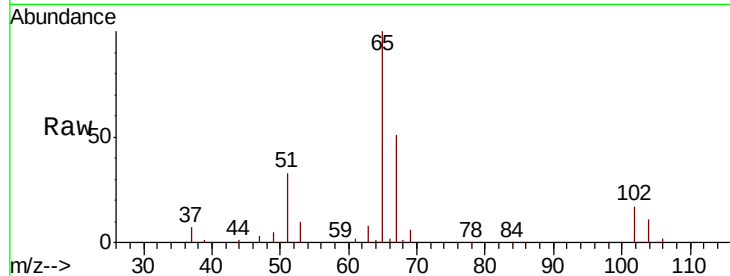




#33  
 1,2-Dichloroethane-d4  
 Concen: 36.293 ug/l  
 RT: 8.02 min Scan# 1942  
 Delta R.T. 0.00 min  
 Lab File: VN057606.D  
 Acq: 30 Aug 2019 23:00

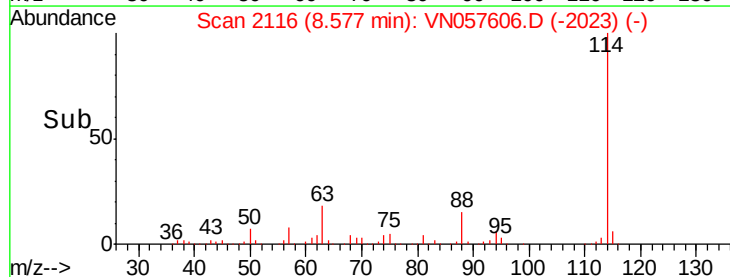
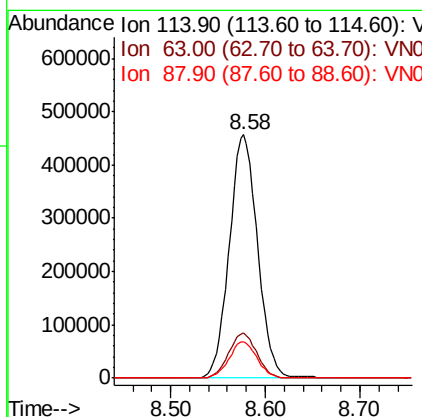
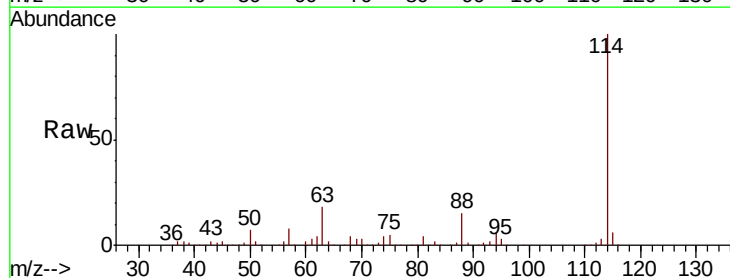
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 T4-S-C-(2.5)

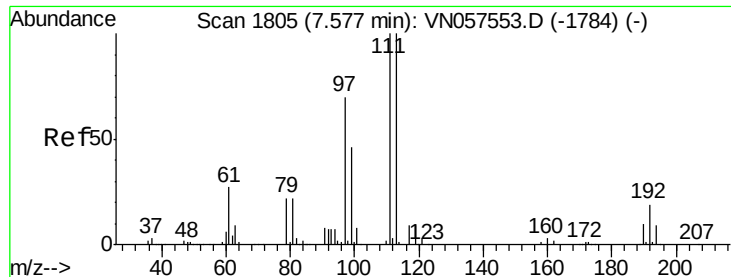
Tgt Ion: 65 Resp: 361520  
 Ion Ratio Lower Upper  
 65 100  
 67 49.6 0.0 103.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2116  
 Delta R.T. 0.00 min  
 Lab File: VN057606.D  
 Acq: 30 Aug 2019 23:00

Tgt Ion: 114 Resp: 947068  
 Ion Ratio Lower Upper  
 114 100  
 63 18.4 0.0 50.2  
 88 15.1 0.0 34.6

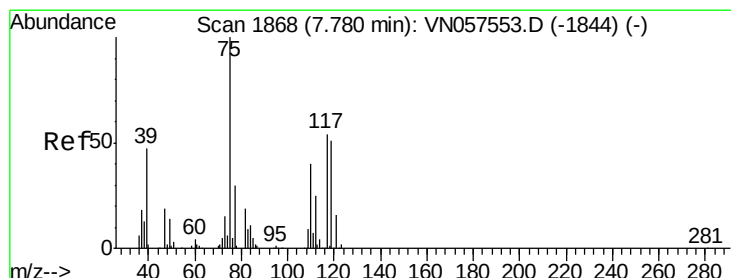
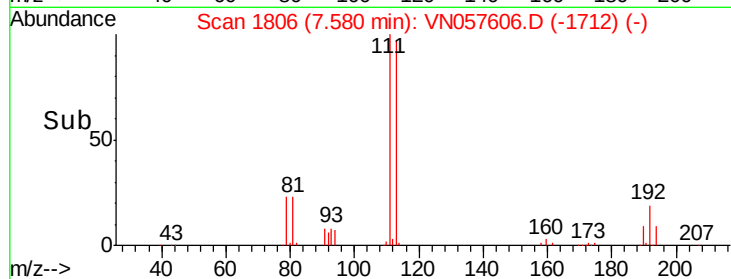
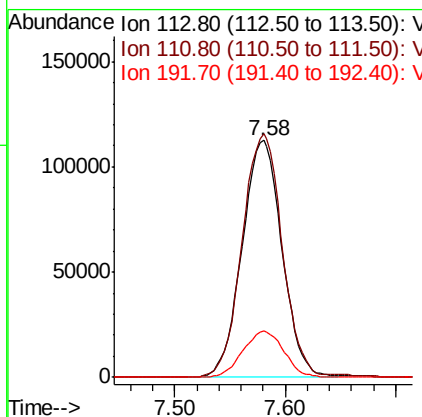
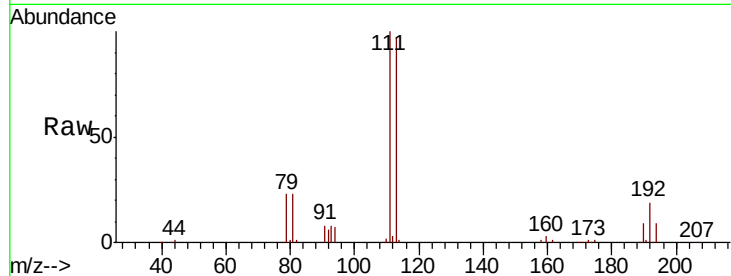




#35  
 Dibromofluoromethane  
 Concen: 33.442 ug/l  
 RT: 7.58 min Scan# 1806  
 Delta R.T. 0.00 min  
 Lab File: VN057606.D  
 Acq: 30 Aug 2019 23:00

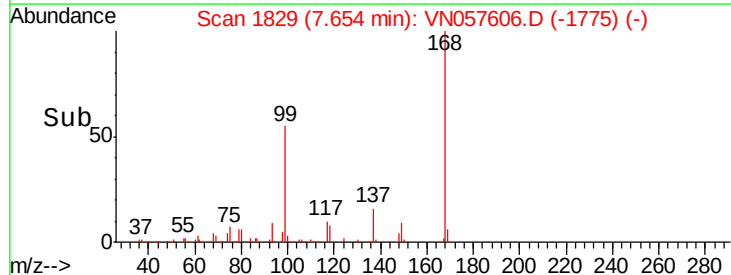
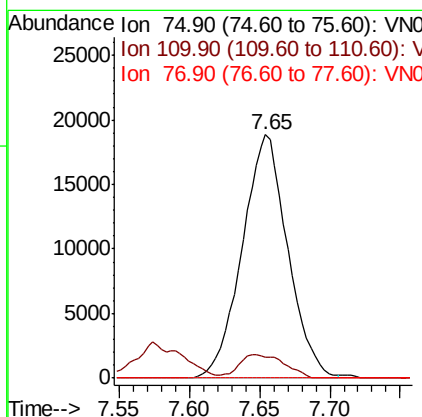
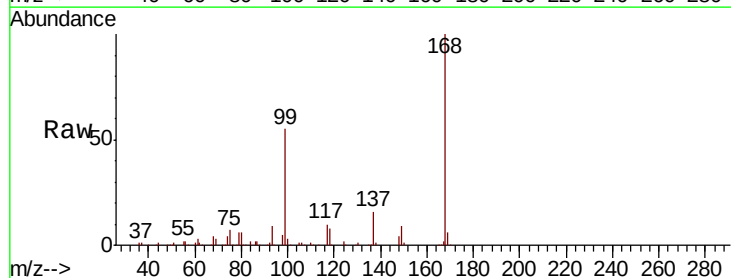
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 T4-S-C-(2.5)

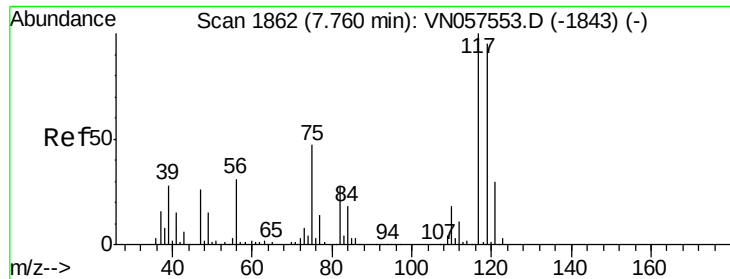
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.7 | 83.8  | 125.6 |
| 192     | 20.1  | 13.5  | 20.3  |



#36  
 1,1-Dichloropropene  
 Concen: 4.147 ug/l  
 RT: 7.65 min Scan# 1829  
 Delta R.T. -0.13 min  
 Lab File: VN057606.D  
 Acq: 30 Aug 2019 23:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 9.6   | 16.1  | 48.3# |
| 77      | 0.0   | 24.8  | 37.2# |





#38

Carbon Tetrachloride

Concen: 4.776 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.11 min

Lab File: VN057606.D

Acq: 30 Aug 2019 23:00

Instrument :

MSVOA\_N

ClientSampleId :

T4-S-C-(2.5)

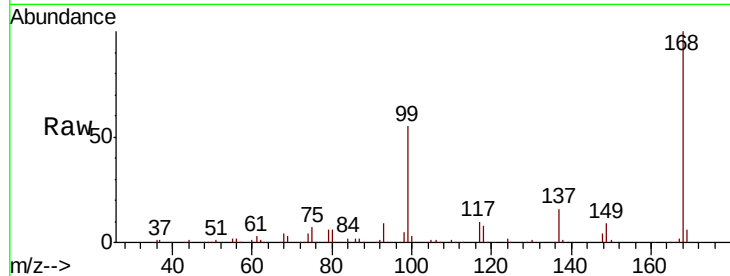
Tgt Ion: 117 Resp: 57224

Ion Ratio Lower Upper

117 100

119 4.0 76.2 114.4#

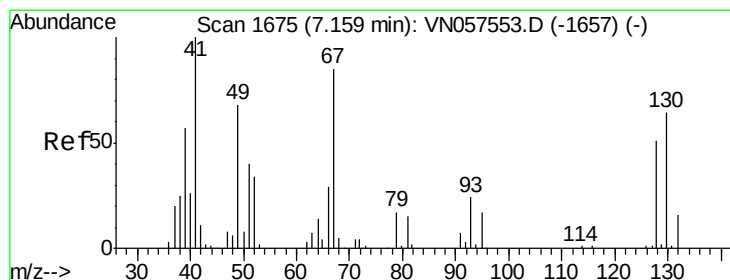
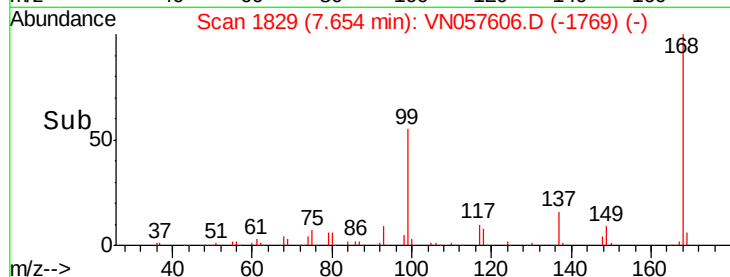
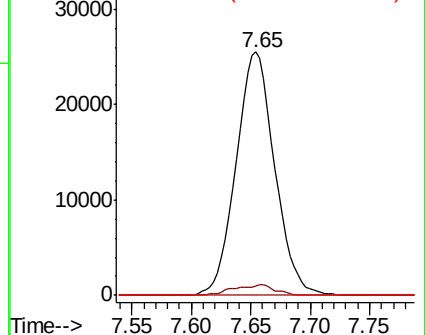
121 0.0 23.8 35.6#



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



#41

Methacrylonitrile

Concen: 1.317 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.02 min

Lab File: VN057606.D

Acq: 30 Aug 2019 23:00

Tgt Ion: 41 Resp: 161

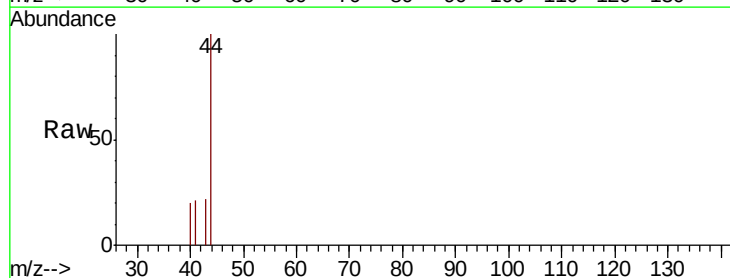
Ion Ratio Lower Upper

41 100

39 126.7 53.6 80.4#

67 0.0 65.4 98.2#

52 0.0 29.8 44.6#

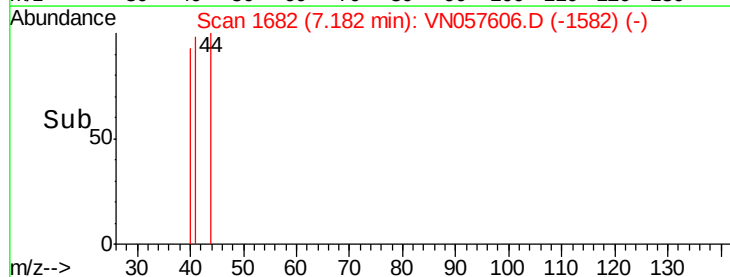
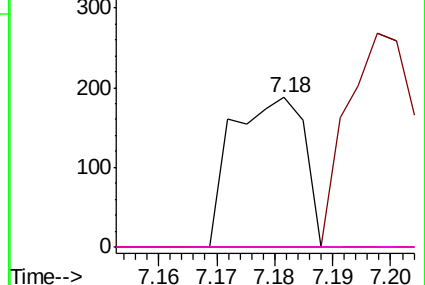


Abundance Ion 41.00 (40.70 to 41.70): V

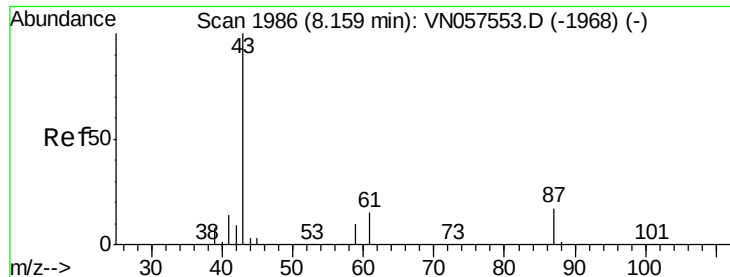
Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V







#43

Isopropyl Acetate

Concen: 5.843 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057606.D

Acq: 30 Aug 2019 23:00

Instrument :

MSVOA\_N

ClientSampleId :

T4-S-C-(2.5)

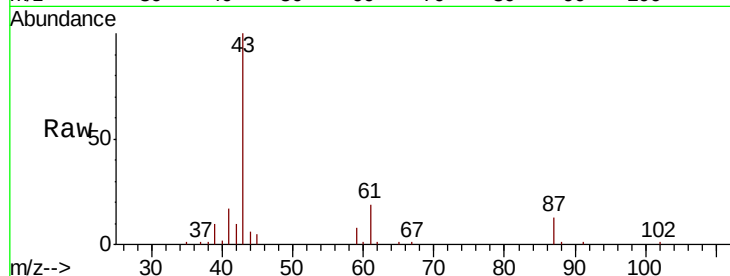
Tgt Ion: 43 Resp: 74036

Ion Ratio Lower Upper

43 100

61 19.4 14.5 21.7

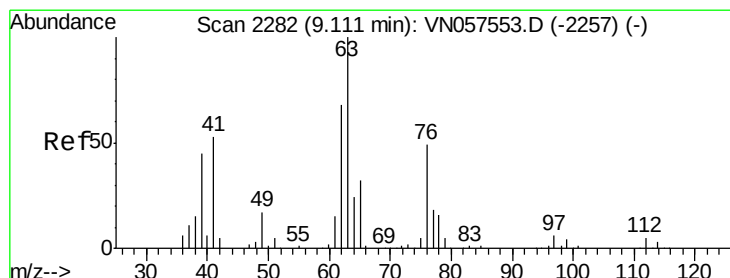
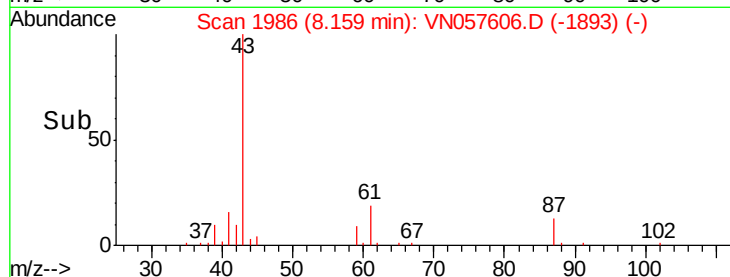
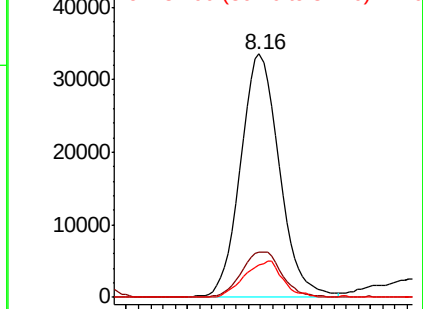
87 14.6 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.290 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN057606.D

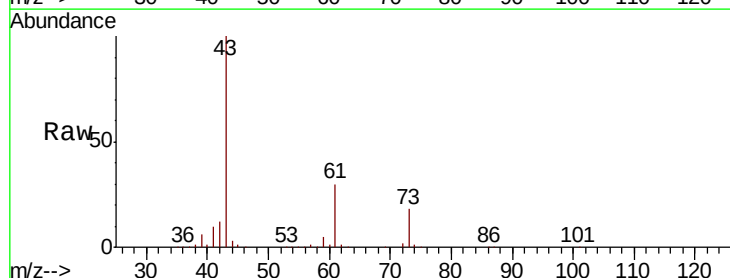
Acq: 30 Aug 2019 23:00

Tgt Ion: 63 Resp: 2129

Ion Ratio Lower Upper

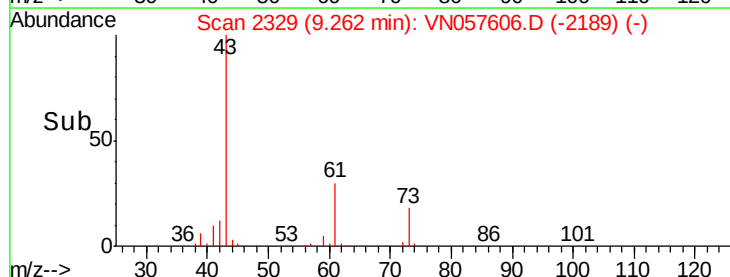
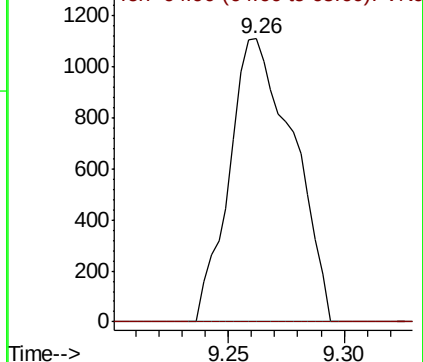
63 100

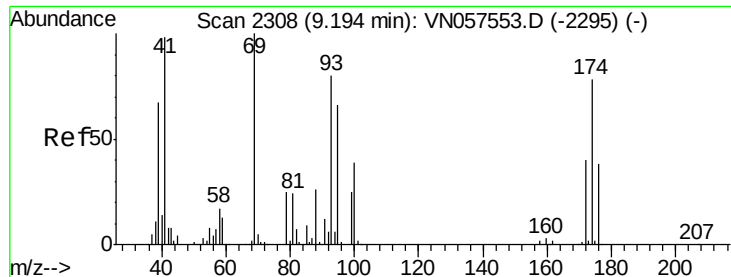
65 0.0 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

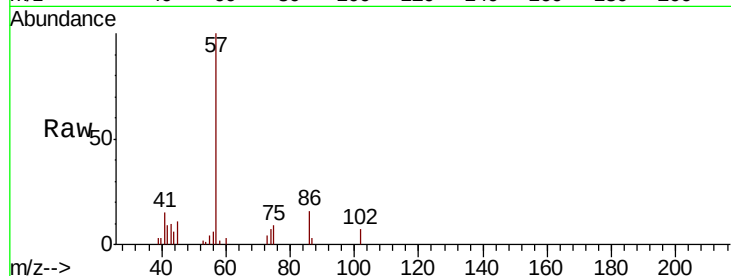




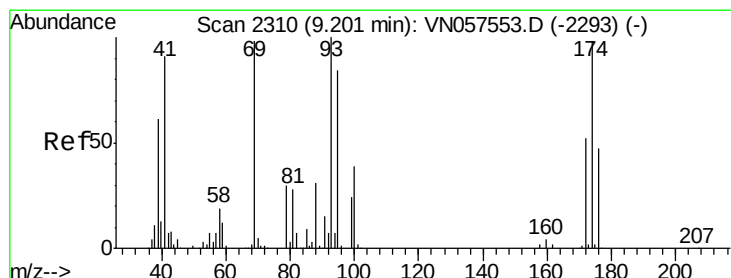
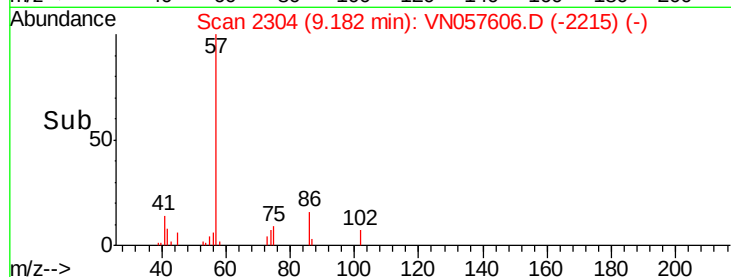
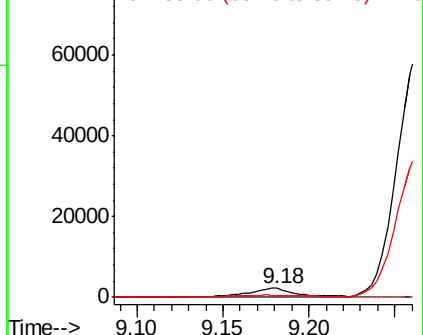
#48  
Methyl methacrylate  
Concen: 0.722 ug/l  
RT: 9.18 min Scan# 2304  
Delta R.T. -0.01 min  
Lab File: VN057606.D  
Acq: 30 Aug 2019 23:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
T4-S-C-(2.5)

Tgt Ion: 41 Resp: 4321  
Ion Ratio Lower Upper  
41 100  
69 0.0 59.3 88.9#  
39 0.0 50.6 75.8#

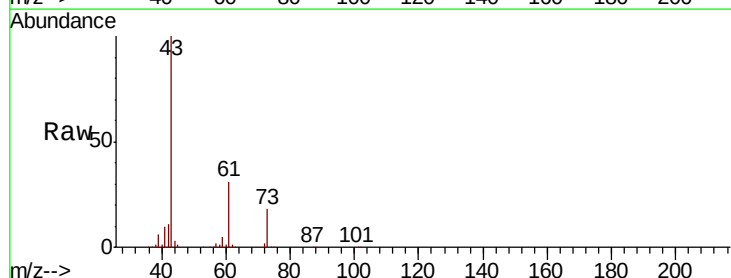


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 69.00 (68.70 to 69.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC

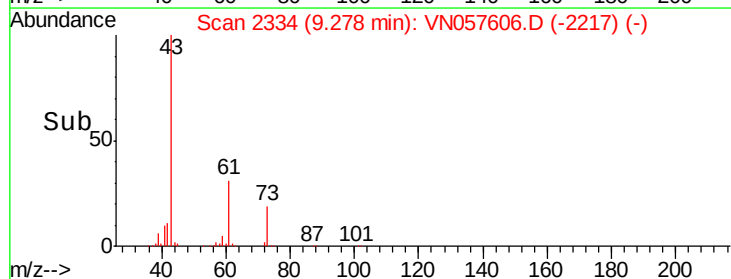
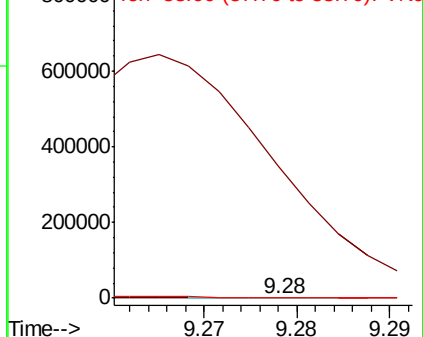


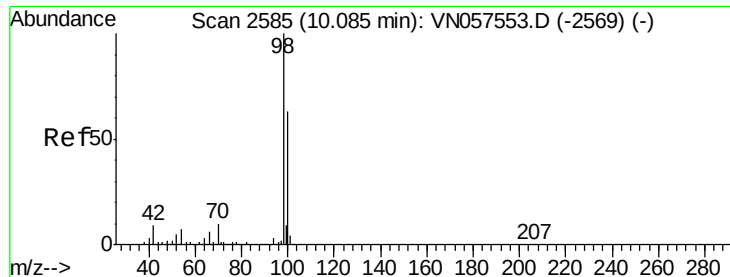
#49  
1,4-Dioxane  
Concen: 0.723 ug/l  
RT: 9.28 min Scan# 2334  
Delta R.T. 0.08 min  
Lab File: VN057606.D  
Acq: 30 Aug 2019 23:00

Tgt Ion: 88 Resp: 79  
Ion Ratio Lower Upper  
88 100  
43 1475657.0 31.0 46.6#  
58 7255.7 64.5 96.7#



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





#50

Toluene-d8

Concen: 37.920 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057606.D

Acq: 30 Aug 2019 23:00

Instrument :

MSVOA\_N

ClientSampled :

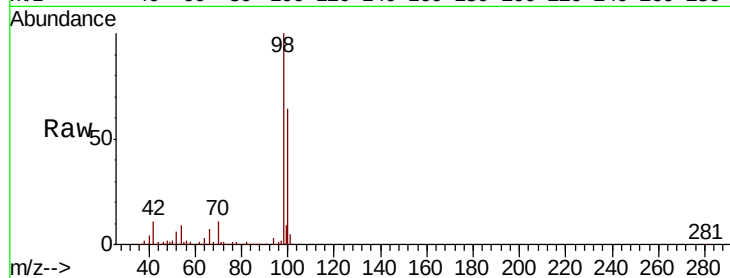
T4-S-C-(2.5)

Tgt Ion: 98 Resp: 1135396

Ion Ratio Lower Upper

98 100

100 63.7 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057553.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057553.D (-2569) (-)

10.09

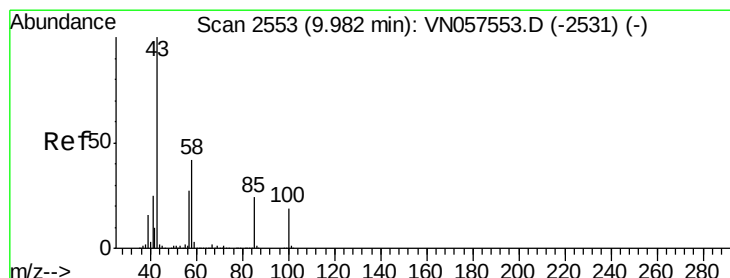
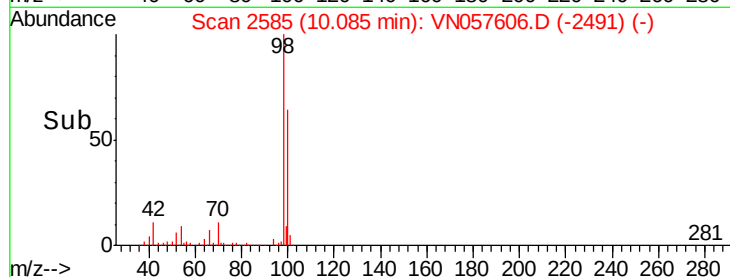
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.743 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057606.D

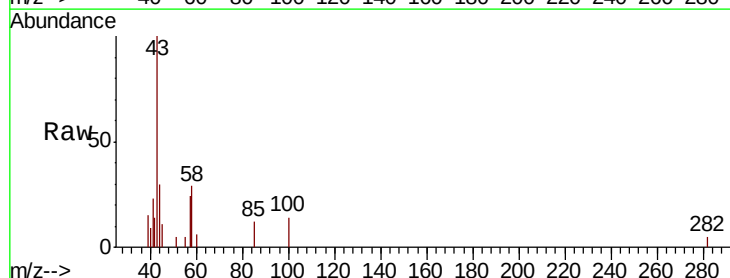
Acq: 30 Aug 2019 23:00

Tgt Ion: 43 Resp: 5034

Ion Ratio Lower Upper

43 100

58 34.2 27.9 41.9



Abundance Ion 43.00 (42.70 to 43.70): VN057553.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN057553.D (-2531) (-)

9.98

5000

4000

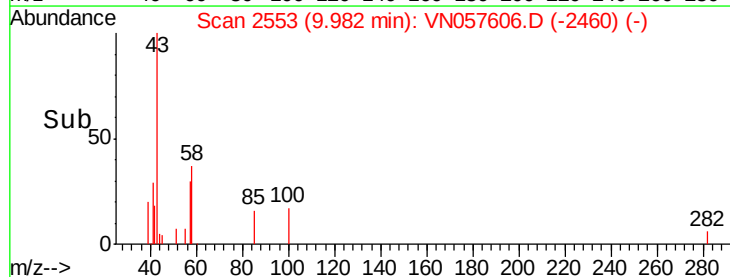
3000

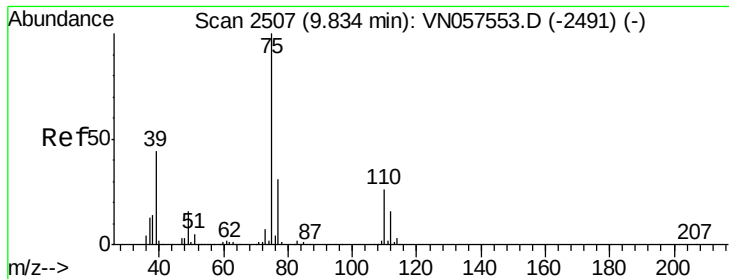
2000

1000

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 3.040 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057606.D

Acq: 30 Aug 2019 23:00

Instrument :

MSVOA\_N

ClientSampled :

T4-S-C-(2.5)

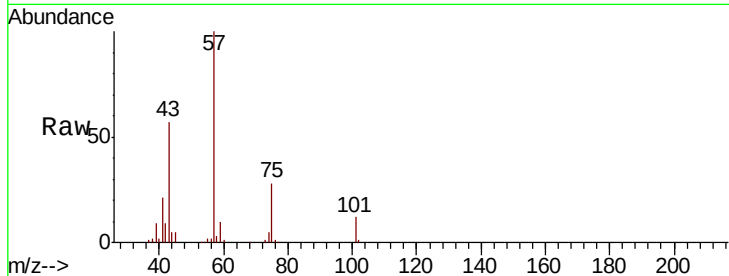
Tgt Ion: 75 Resp: 37712

Ion Ratio Lower Upper

75 100

77 1.4 25.0 37.6#

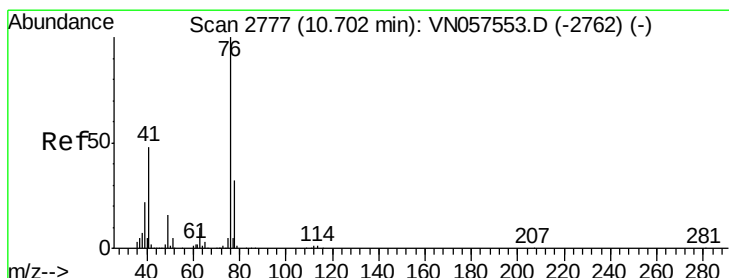
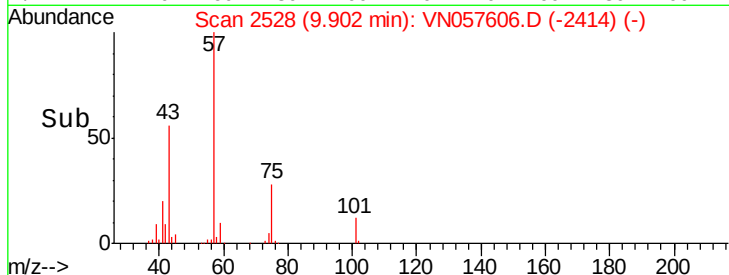
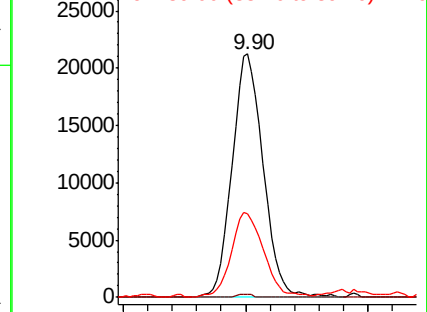
39 34.3 49.2 73.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.490 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN057606.D

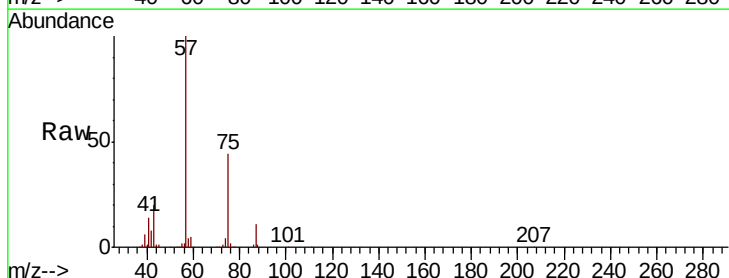
Acq: 30 Aug 2019 23:00

Tgt Ion: 76 Resp: 6115

Ion Ratio Lower Upper

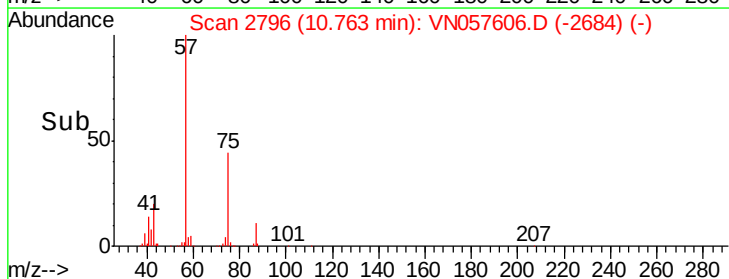
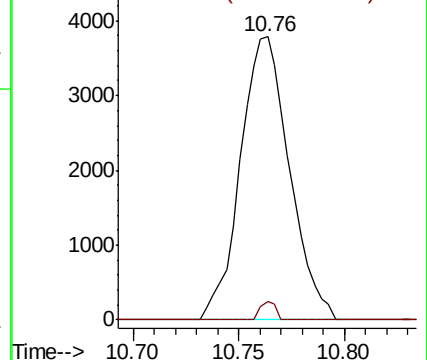
76 100

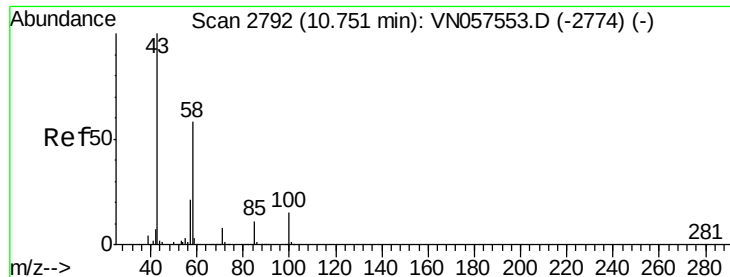
78 2.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

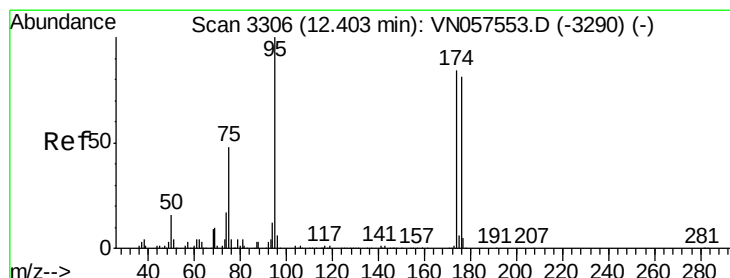
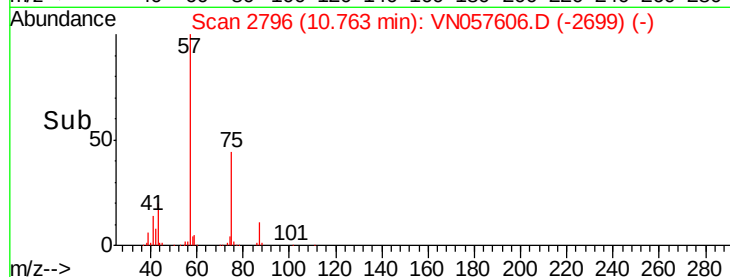
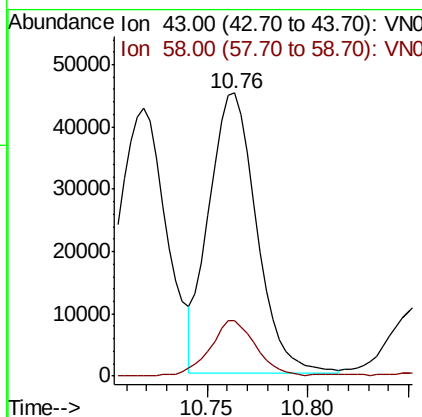
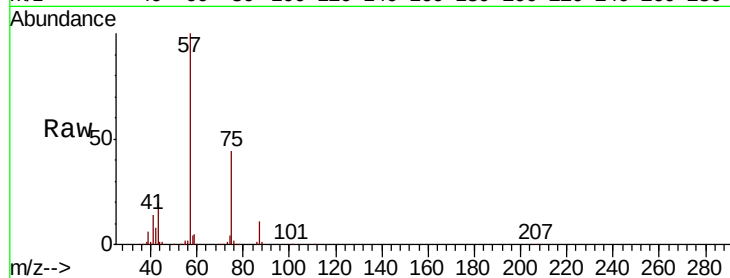




#59  
2-Hexanone  
Concen: 15.746 ug/l  
RT: 10.76 min Scan# 2796  
Delta R.T. 0.01 min  
Lab File: VN057606.D  
Acq: 30 Aug 2019 23:00

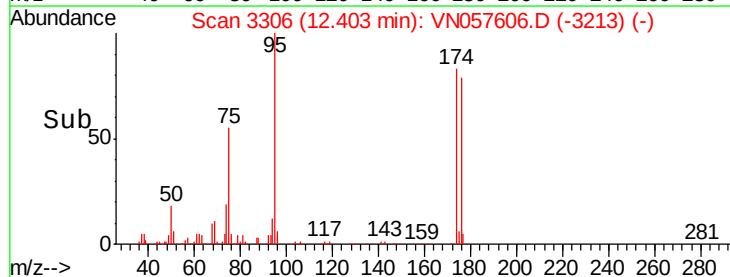
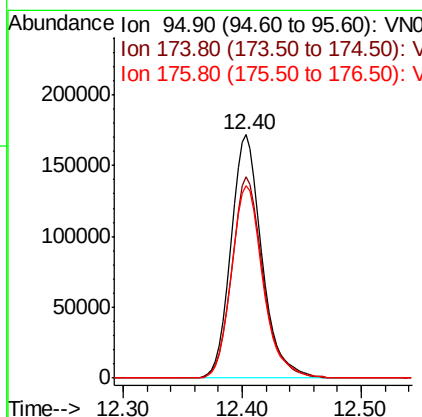
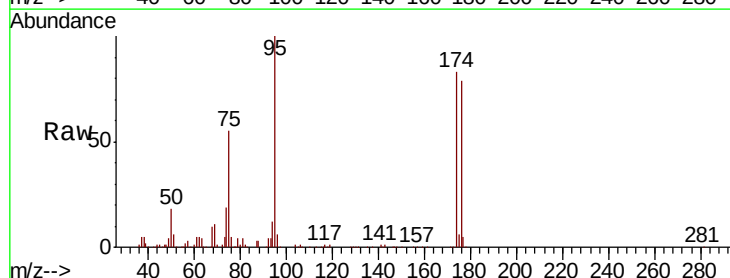
Instrument :  
MSVOA\_N  
ClientSampled :  
T4-S-C(2.5)

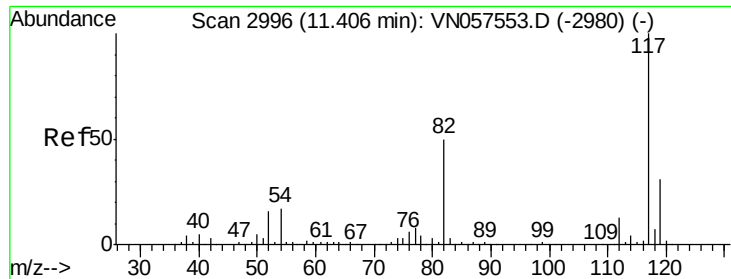
Tgt Ion: 43 Resp: 73613  
Ion Ratio Lower Upper  
43 100  
58 19.3 24.6 73.6#



#62  
4-Bromofluorobenzene  
Concen: 30.721 ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. 0.00 min  
Lab File: VN057606.D  
Acq: 30 Aug 2019 23:00

Tgt Ion: 95 Resp: 308770  
Ion Ratio Lower Upper  
95 100  
174 83.7 0.0 133.0  
176 81.0 0.0 130.8

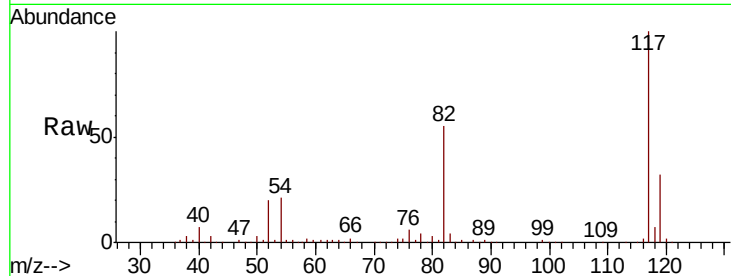




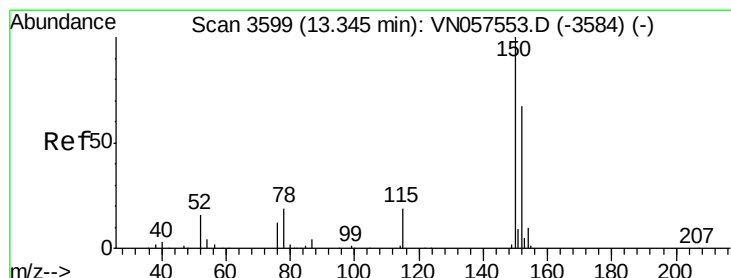
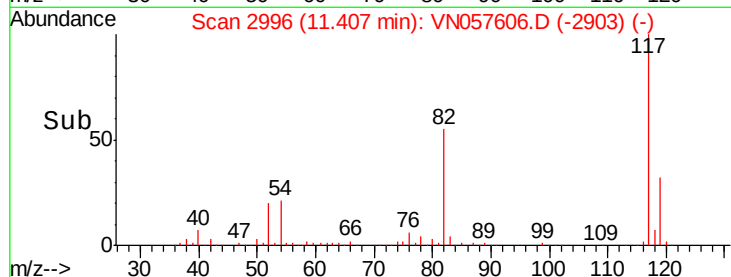
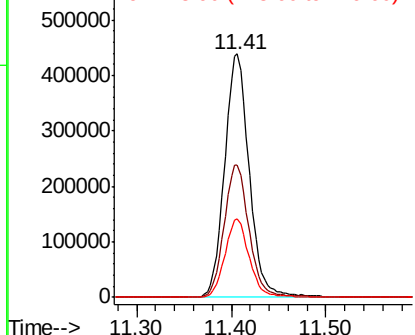
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN057606.D  
Acq: 30 Aug 2019 23:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
T4-S-C-(2.5)

Tgt Ion:117 Resp: 795682  
Ion Ratio Lower Upper  
117 100  
82 54.5 50.6 75.8  
119 32.3 24.6 36.8

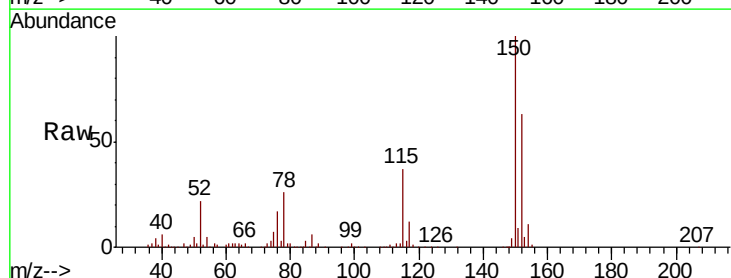


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

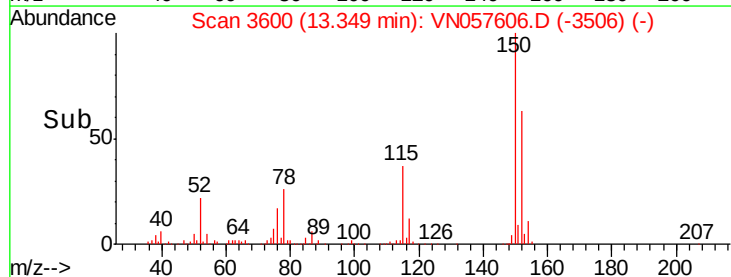
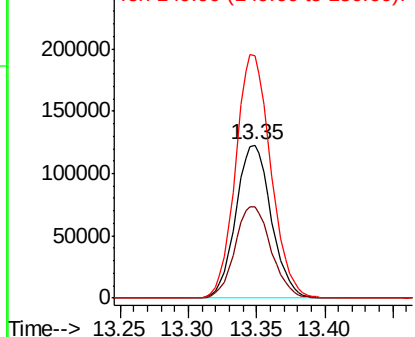


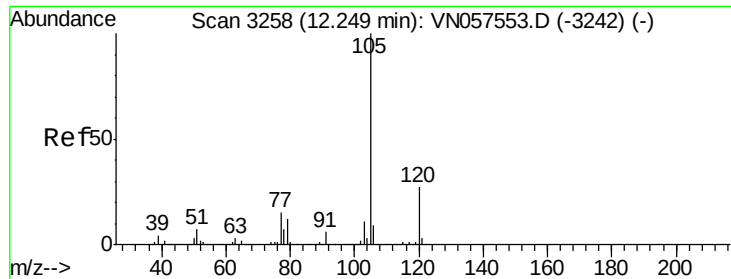
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.35 min Scan# 3600  
Delta R.T. 0.00 min  
Lab File: VN057606.D  
Acq: 30 Aug 2019 23:00

Tgt Ion:152 Resp: 221700  
Ion Ratio Lower Upper  
152 100  
115 61.0 32.0 96.0  
150 158.0 0.0 346.6



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





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.40 min Scan# 3304

Delta R.T. 0.15 min

Lab File: VN057606.D

Acq: 30 Aug 2019 23:00

Instrument :

MSVOA\_N

ClientSampled :

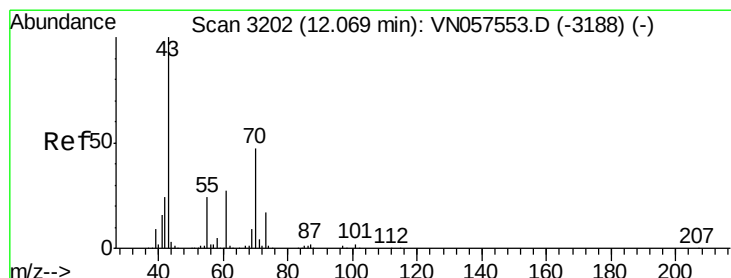
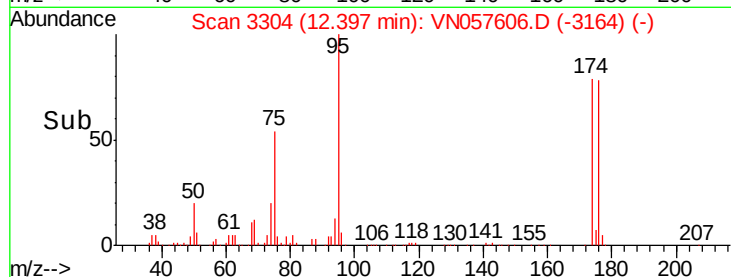
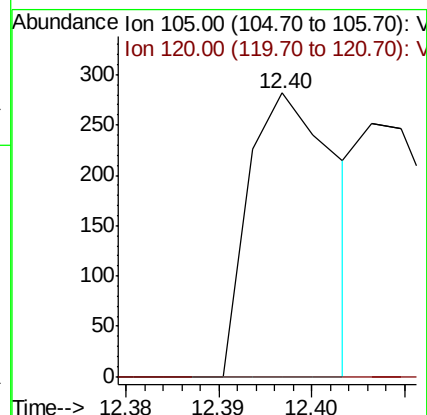
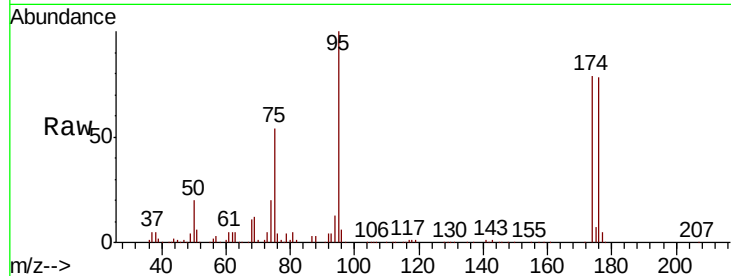
T4-S-C-(2.5)

Tgt Ion: 105 Resp: 186

Ion Ratio Lower Upper

105 100

120 0.0 12.7 38.0#



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.03 min Scan# 3191

Delta R.T. -0.03 min

Lab File: VN057606.D

Acq: 30 Aug 2019 23:00

Tgt Ion: 43 Resp: 2187

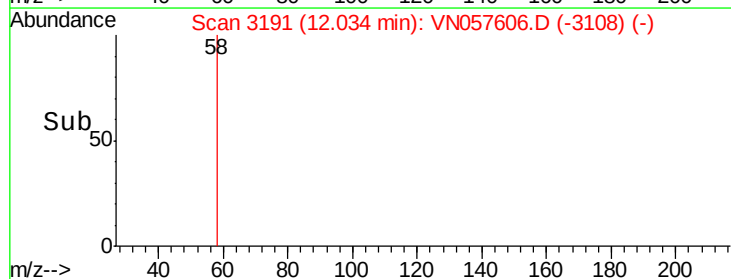
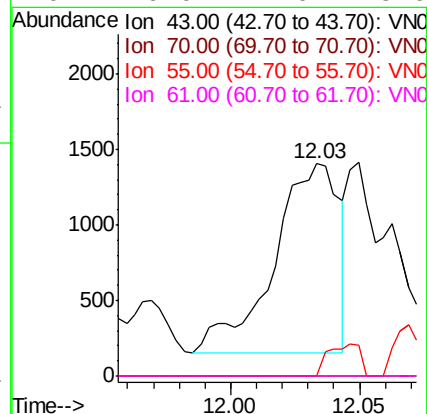
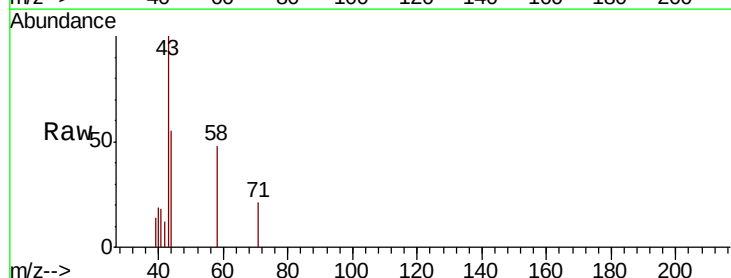
Ion Ratio Lower Upper

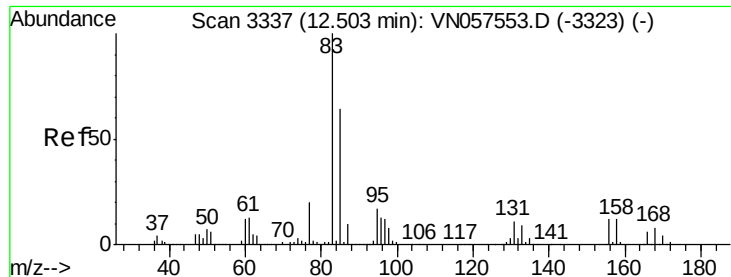
43 100

70 0.0 27.8 41.6#

55 8.2 17.0 25.4#

61 0.0 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.10 min

Lab File: VN057606.D

Acq: 30 Aug 2019 23:00

Instrument :

MSVOA\_N

ClientSampleId :

T4-S-C-(2.5)

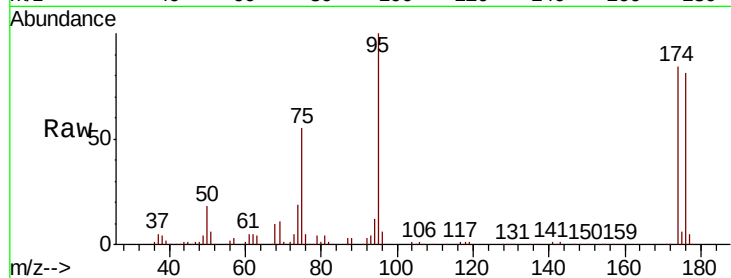
Tgt Ion: 83 Resp: 158

Ion Ratio Lower Upper

83 100

131 250.6 4.3 13.1#

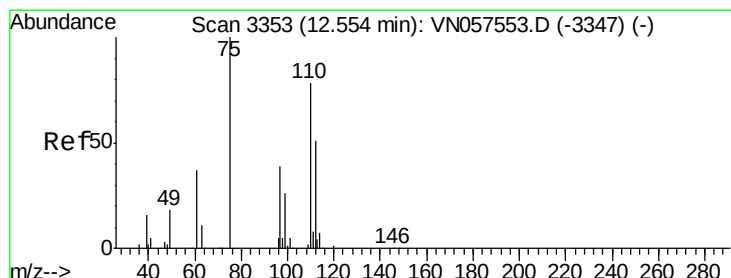
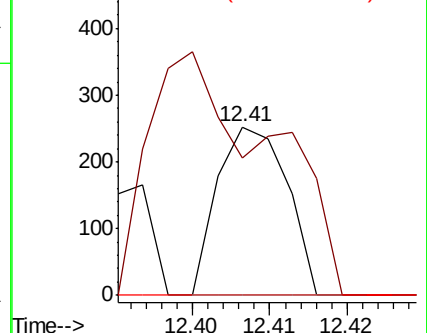
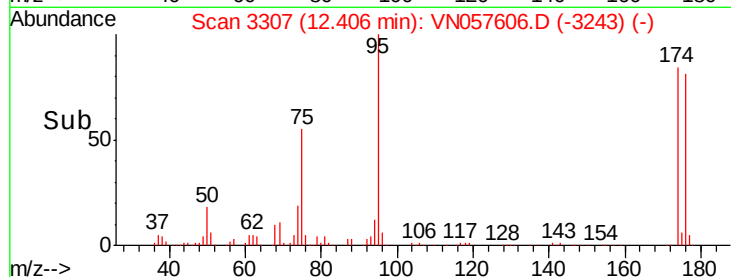
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 40.074 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057606.D

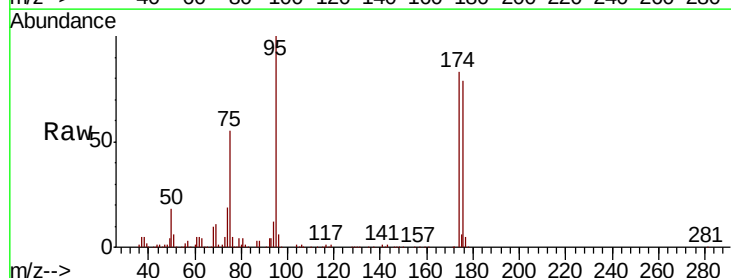
Acq: 30 Aug 2019 23:00

Tgt Ion: 75 Resp: 166086

Ion Ratio Lower Upper

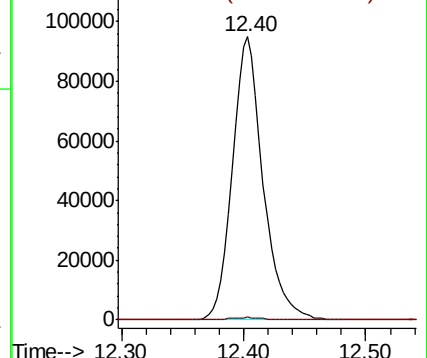
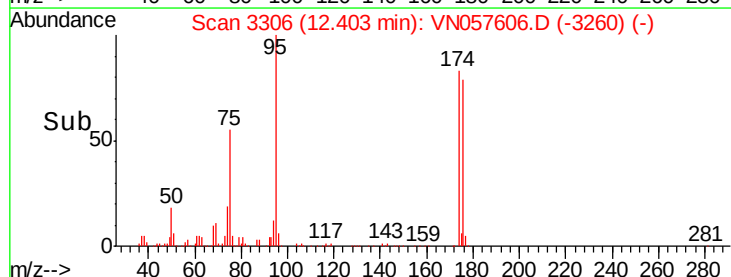
75 100

77 1.0 0.0 0.0#

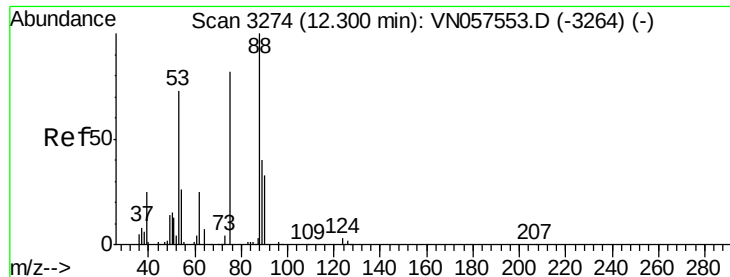


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



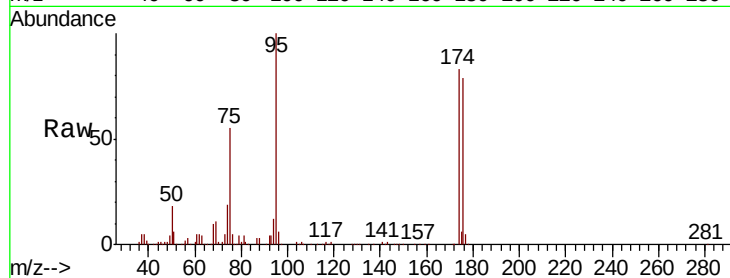




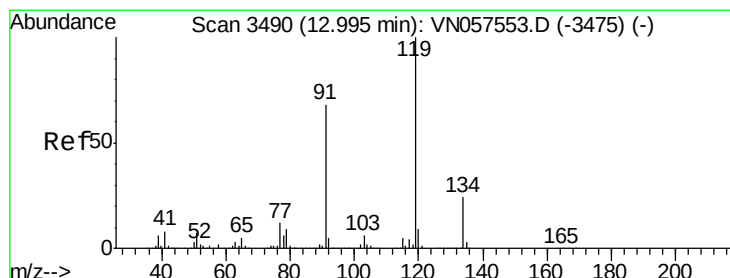
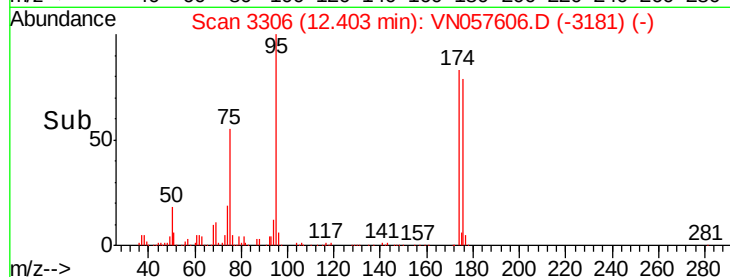
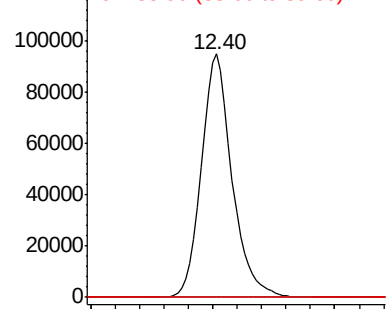
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 112.646 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.10 min  
 Lab File: VN057606.D  
 Acq: 30 Aug 2019 23:00

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 T4-S-C-(2.5)

Tgt Ion: 75 Resp: 166086  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 82.7 124.1#  
 89 0.0 35.8 53.8#

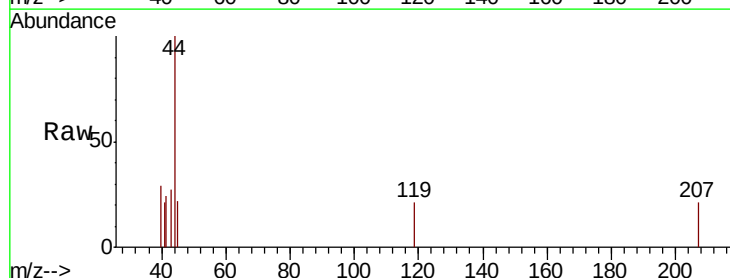


Abundance Ion 74.90 (74.60 to 75.60): VN0  
 Ion 53.00 (52.70 to 53.70): VN0  
 Ion 88.90 (88.60 to 89.60): VN0

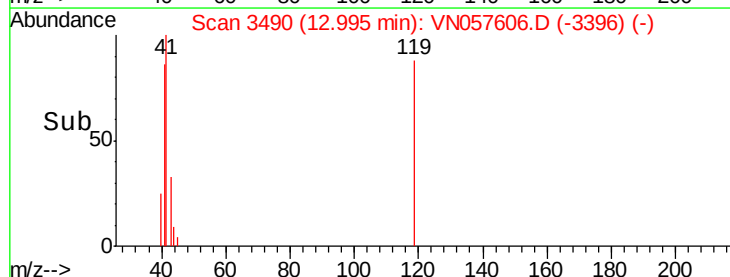
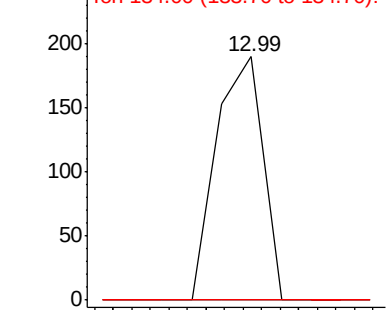


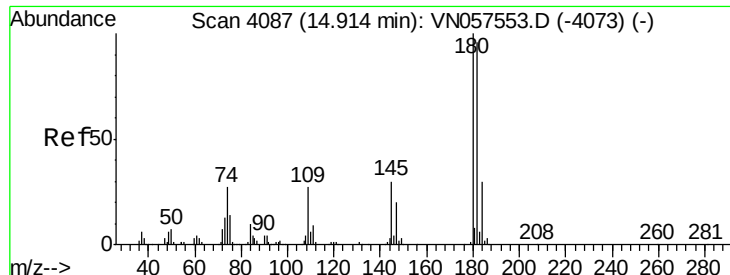
#83  
 tert-Butylbenzene  
 Concen: Below Cal  
 RT: 12.99 min Scan# 3490  
 Delta R.T. 0.00 min  
 Lab File: VN057606.D  
 Acq: 30 Aug 2019 23:00

Tgt Ion: 119 Resp: 66  
 Ion Ratio Lower Upper  
 119 100  
 91 0.0 37.0 111.0#  
 134 0.0 12.2 36.6#



Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): VN0  
 Ion 134.00 (133.70 to 134.70): V





#93

1,2,4-Trichlorobenzene

Concen: 3.805 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN057606.D

Acq: 30 Aug 2019 23:00

Instrument :

MSVOA\_N

ClientSampleId :

T4-S-C-(2.5)

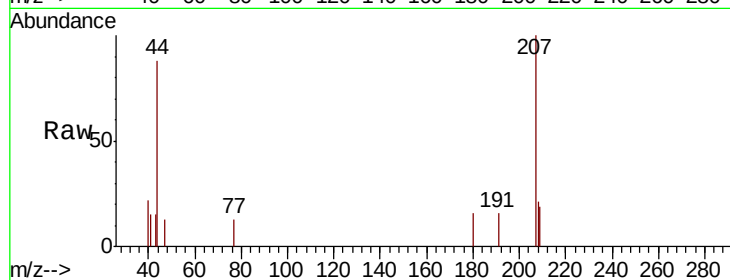
Tgt Ion:180 Resp: 74

Ion Ratio Lower Upper

180 100

182 0.0 46.7 140.1#

145 0.0 15.6 46.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

