

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\  
 Data File : VN054397.D  
 Acq On : 18 Mar 2019 16:44  
 Operator : JC/SP  
 Sample : K1960-12RE  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 T11-MW-3-8.0-031519

Quant Time: Mar 19 05:13:22 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031219W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 13 03:33:31 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 1885652  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 2689293  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 2207259  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 812933   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 902997   | 45.09 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 90.18% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 807835   | 46.57 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.14% |          |
| 50) Toluene-d8              | 10.09 | 98   | 3074133  | 47.99 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.98% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 905844   | 40.41 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 80.82% |          |

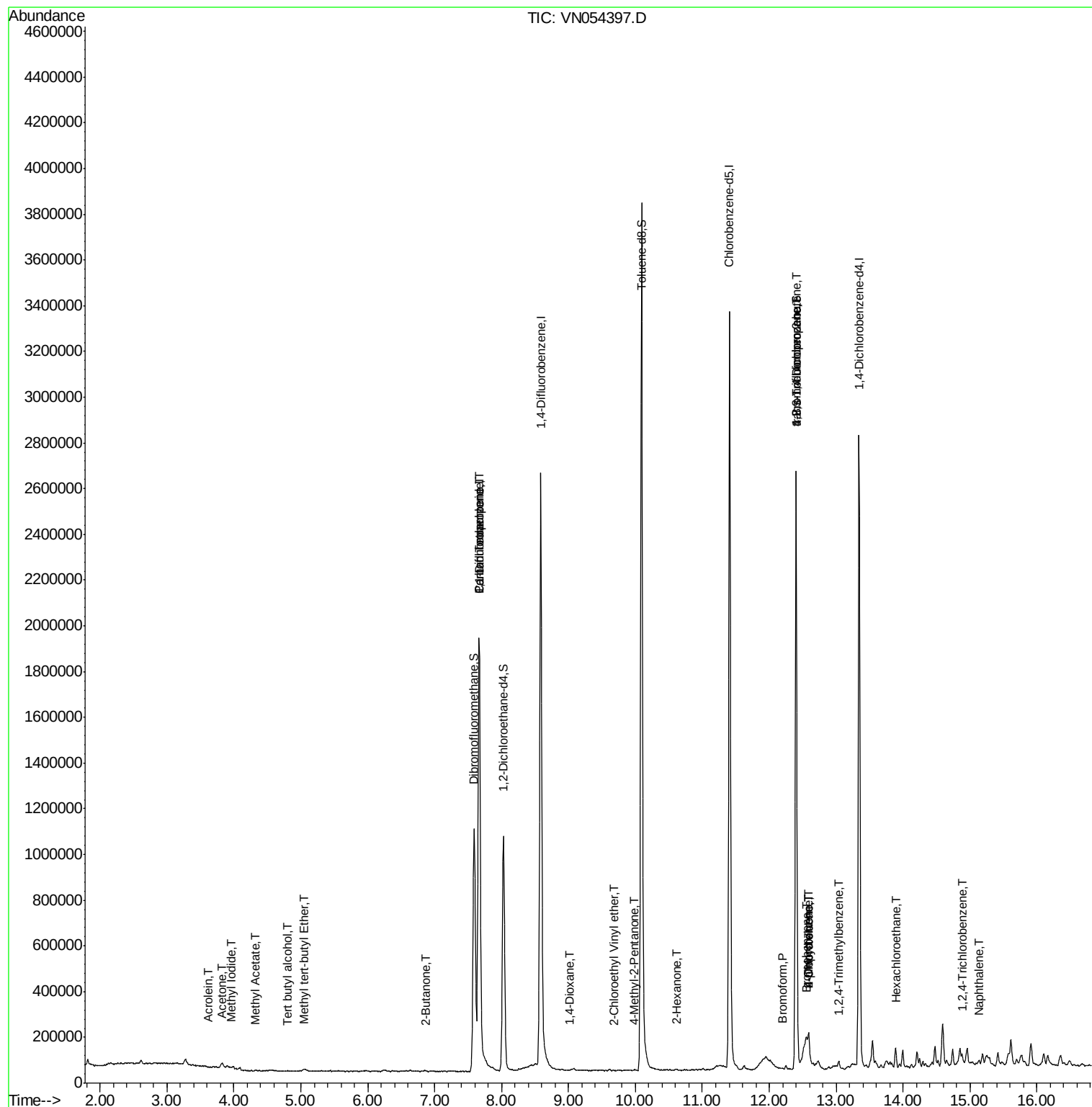
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 10) Methyl Iodide              | 3.96  | 142  | 120      | 1.501     | ug/l # | 45     |
| 11) Tert butyl alcohol         | 4.82  | 59   | 515      | 0.375     | ug/l # | 70     |
| 13) Acrolein                   | 3.61  | 56   | 397      | 0.305     | ug/l # | 14     |
| 16) Acetone                    | 3.82  | 43   | 30994    | 5.405     | ug/l   | 97     |
| 18) Methyl Acetate             | 4.33  | 43   | 4858     | 0.419     | ug/l # | 84     |
| 19) Methyl tert-butyl Ether    | 5.05  | 73   | 14494    | 0.298     | ug/l # | 89     |
| 25) 2-Butanone                 | 6.87  | 43   | 5357     | 0.796     | ug/l # | 79     |
| 31) Cyclohexane                | 7.66  | 56   | 30571    | Below Cal | #      | 4      |
| 36) 1,1-Dichloropropene        | 7.66  | 75   | 110622   | 4.467     | ug/l # | 47     |
| 38) Carbon Tetrachloride       | 7.66  | 117  | 157573   | 6.067     | ug/l # | 16     |
| 49) 1,4-Dioxane                | 9.00  | 88   | 73       | 0.407     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 2943     | 0.223     | ug/l   | 93     |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 30       | 16.831    | ug/l # | 44     |
| 59) 2-Hexanone                 | 10.61 | 43   | 4026     | 0.458     | ug/l   | 73     |
| 71) Bromoform                  | 12.20 | 173  | 218      | 2.366     | ug/l # | 28     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 428918   | 35.879    | ug/l # | 100    |
| 77) Bromobenzene               | 12.55 | 156  | 192527   | 11.187    | ug/l # | 1      |
| 78) n-propylbenzene            | 12.59 | 91   | 52785    | 0.748     | ug/l   | 99     |
| 79) 2-Chlorotoluene            | 12.59 | 91   | 52785    | 1.244     | ug/l # | 41     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 428918   | 122.651   | ug/l # | 11     |
| 82) 4-Chlorotoluene            | 12.59 | 91   | 52785    | 1.246     | ug/l # | 43     |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 18598    | 0.350     | ug/l   | 100    |
| 90) Hexachloroethane           | 13.89 | 117  | 5333     | 0.568     | ug/l # | 2      |
| 93) 1,2,4-Trichlorobenzene     | 14.90 | 180  | 446      | 2.541     | ug/l # | 1      |
| 95) Naphthalene                | 15.13 | 128  | 16540    | 3.901     | ug/l # | 96     |

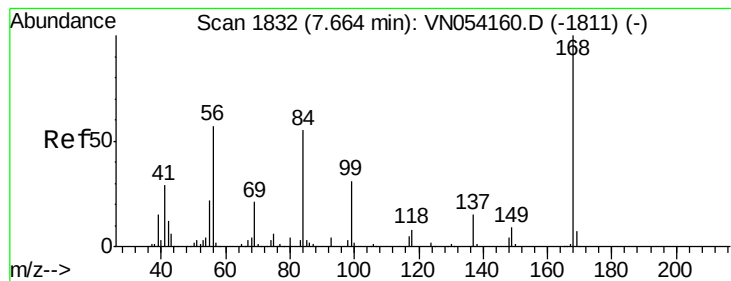
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 13 03:33:31 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054397.D

Acq: 18 Mar 2019 16:44

Instrument :

MSVOA\_N

ClientSampleId :

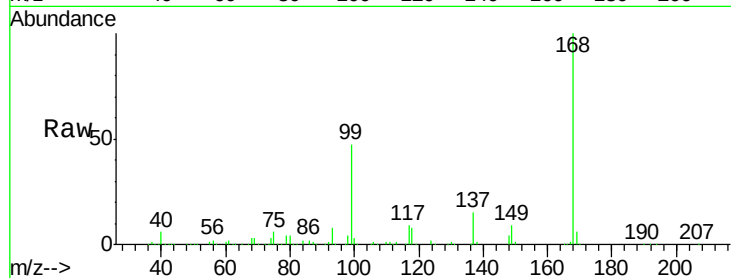
T11-MW-3-8.0-031519

Tot Ion:168 Resp: 1885652

Ion Ratio Lower Upper

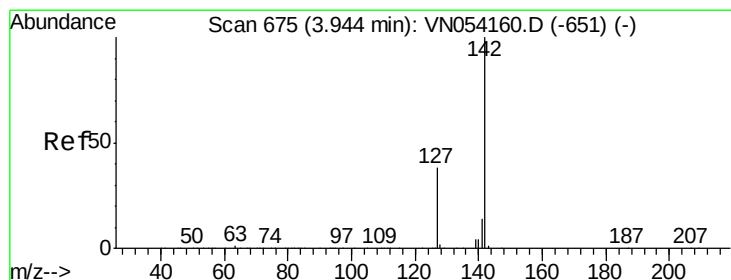
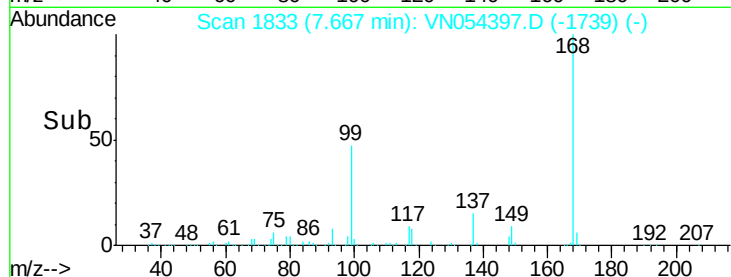
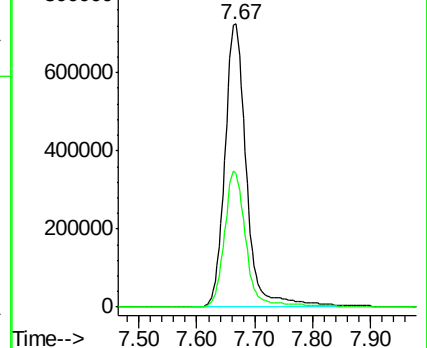
168 100

99 47.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#10

Methyl Iodide

Concen: 1.501 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.01 min

Lab File: VN054397.D

Acq: 18 Mar 2019 16:44

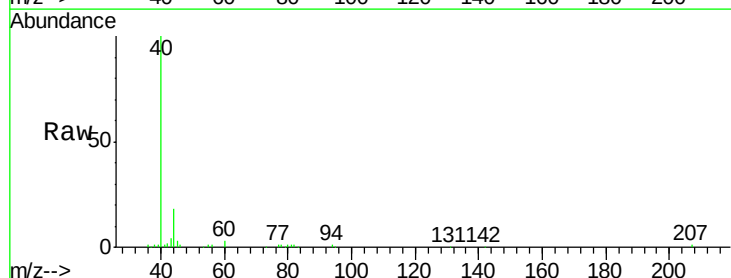
Tgt Ion:142 Resp: 120

Ion Ratio Lower Upper

142 100

127 0.0 30.3 45.5#

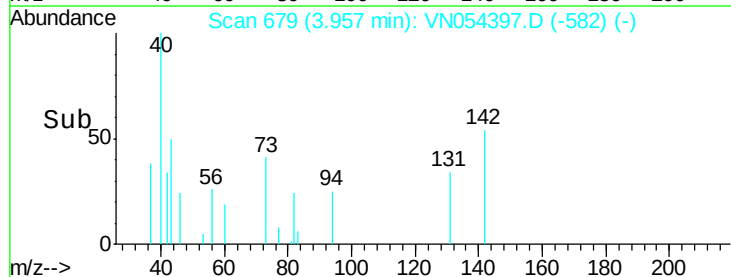
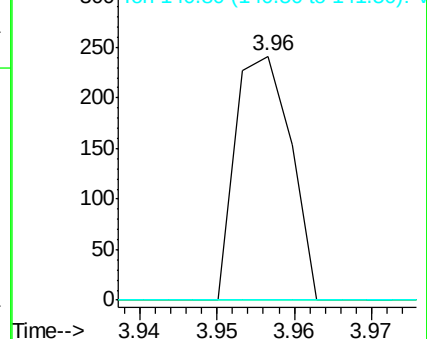
141 0.0 11.2 16.8#

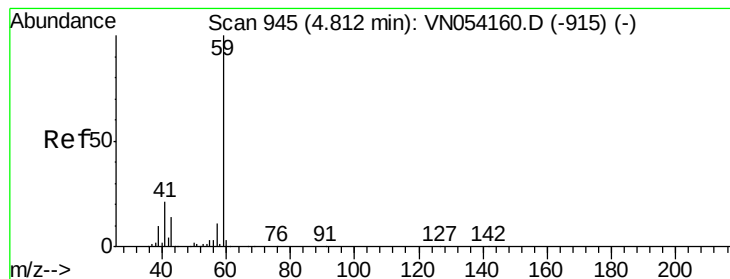


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 0.375 ug/l

RT: 4.82 min Scan# 946

Delta R.T. 0.00 min

Lab File: VN054397.D

Acq: 18 Mar 2019 16:44

Instrument :

MSVOA\_N

ClientSampleId :

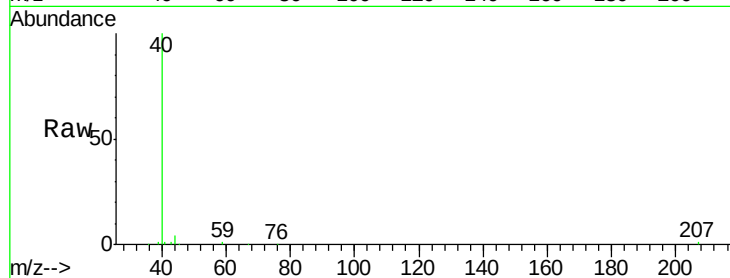
T11-MW-3-8.0-031519

Tot Ion: 59 Resp: 515

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.82

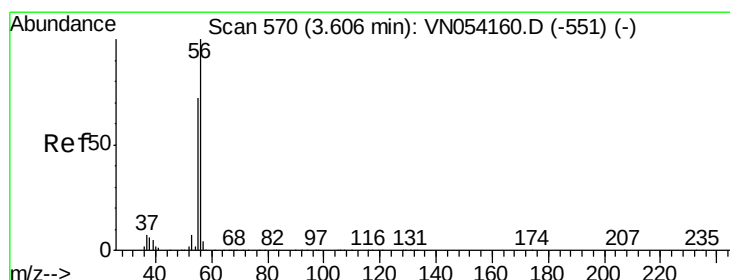
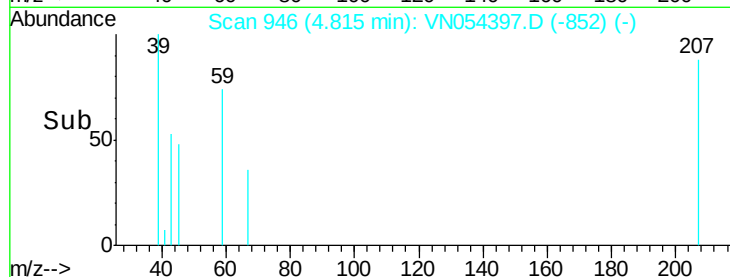
300

200

100

0

Time-->



#13

Acrolein

Concen: 0.305 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054397.D

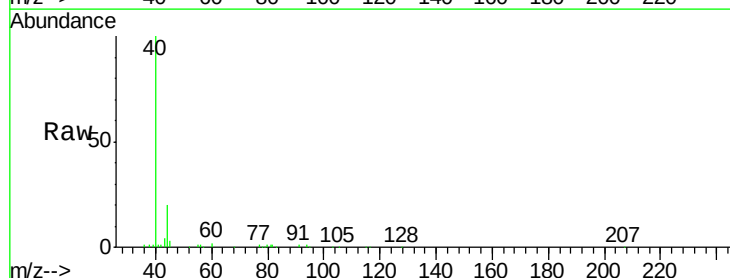
Acq: 18 Mar 2019 16:44

Tgt Ion: 56 Resp: 397

Ion Ratio Lower Upper

56 100

55 0.0 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

600

500

400

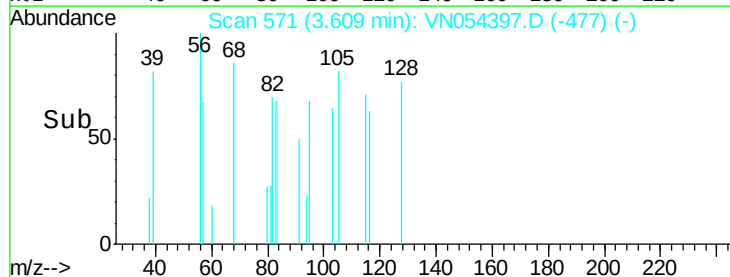
300

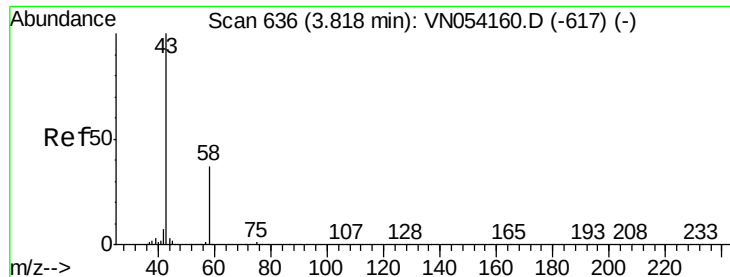
200

100

0

Time-->





#16

Acetone

Concen: 5.405 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054397.D

Acq: 18 Mar 2019 16:44

Instrument :

MSVOA\_N

ClientSampleId :

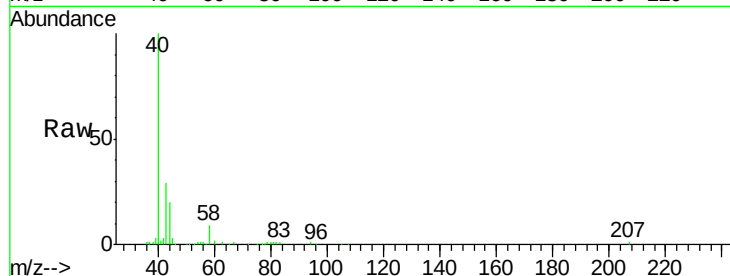
T11-MW-3-8.0-031519

Tot Ion: 43 Resp: 30994

Ion Ratio Lower Upper

43 100

58 35.4 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

15000

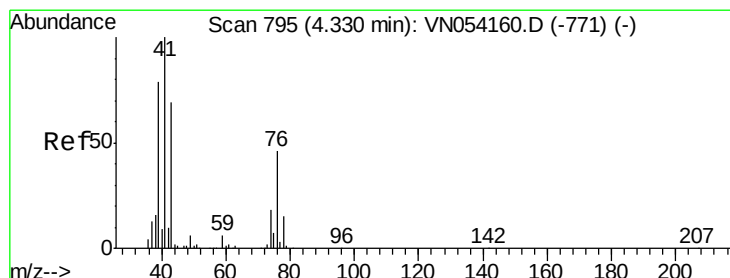
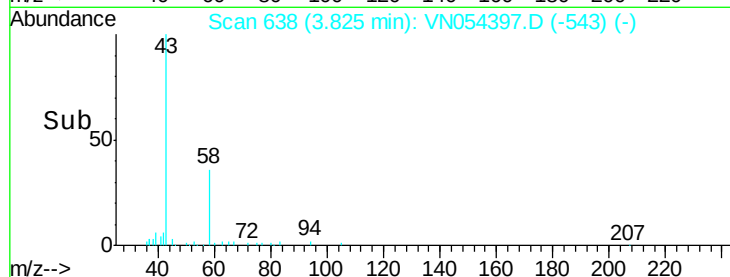
10000

5000

0

3.75 3.80 3.85 3.90

Time-->



#18

Methyl Acetate

Concen: 0.419 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN054397.D

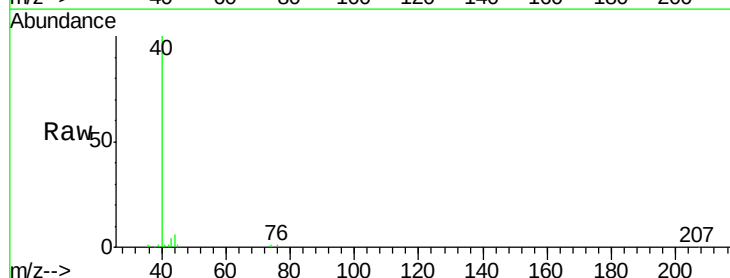
Acq: 18 Mar 2019 16:44

Tgt Ion: 43 Resp: 4858

Ion Ratio Lower Upper

43 100

74 17.9 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

2000

1500

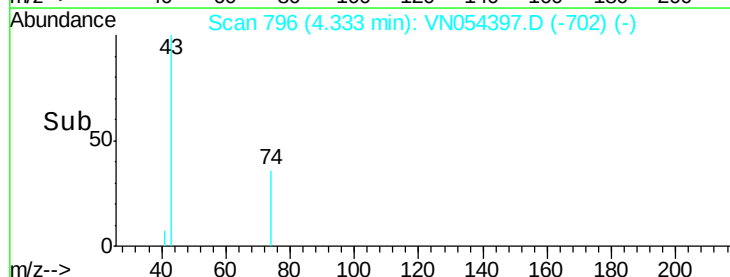
1000

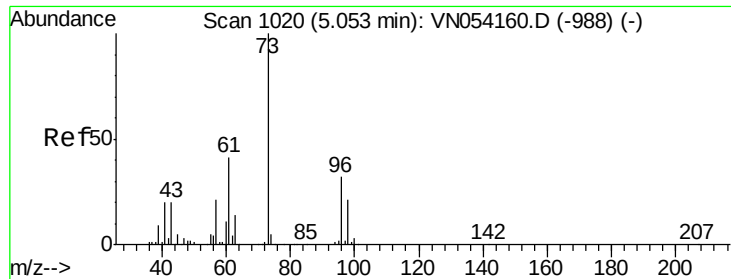
500

0

4.30 4.35 4.40

Time-->

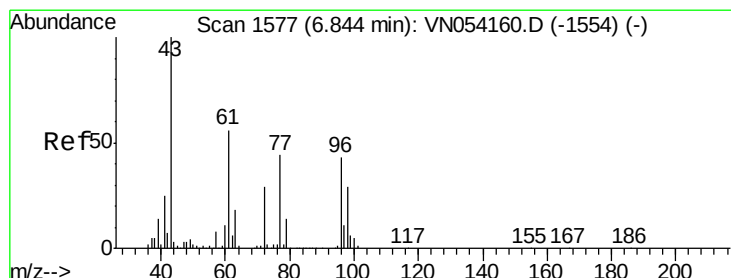
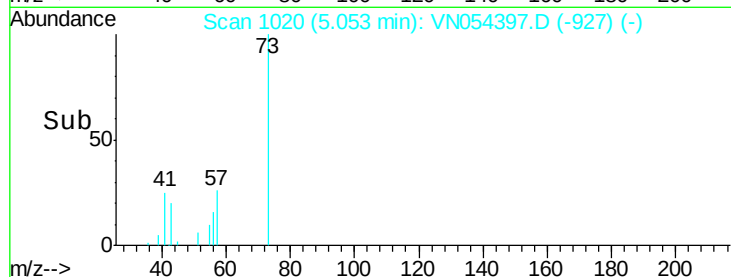
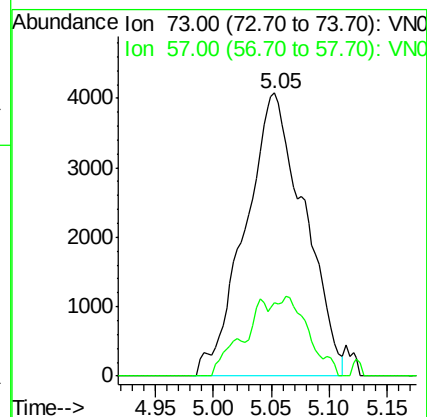
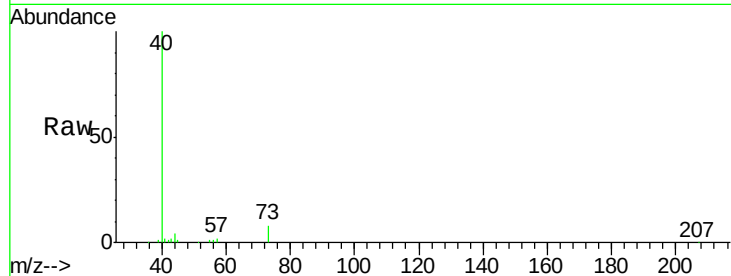




#19  
Methvl tert-butvl Ether  
Concen: 0.298 ug/l  
RT: 5.05 min Scan# 1020  
Delta R.T. 0.00 min  
Lab File: VN054397.D  
Acq: 18 Mar 2019 16:44

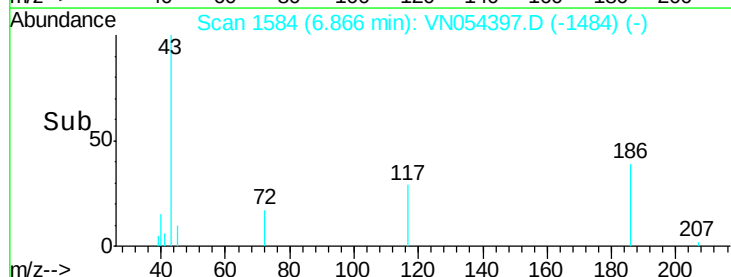
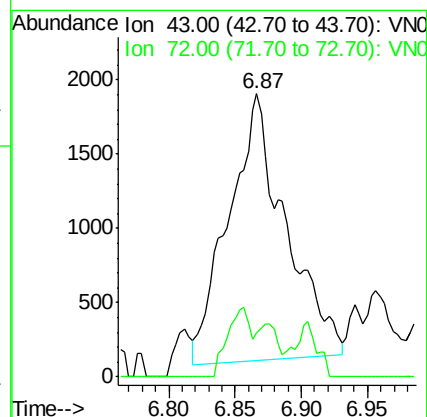
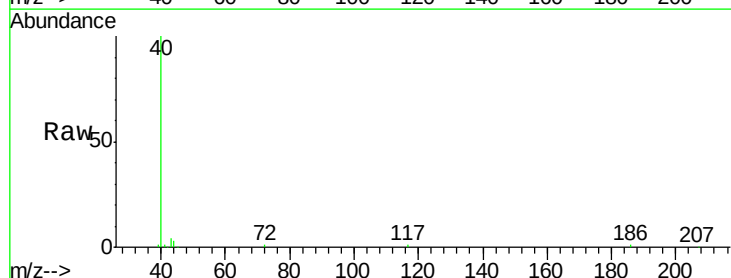
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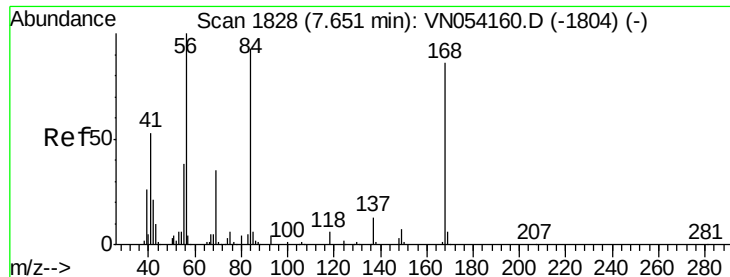
Tot Ion: 73 Resp: 14494  
Ion Ratio Lower Upper  
73 100  
57 26.0 16.8 25.2#



#25  
2-Butanone  
Concen: 0.796 ug/l  
RT: 6.87 min Scan# 1584  
Delta R.T. 0.02 min  
Lab File: VN054397.D  
Acq: 18 Mar 2019 16:44

Tgt Ion: 43 Resp: 5357  
Ion Ratio Lower Upper  
43 100  
72 17.7 23.0 34.6#

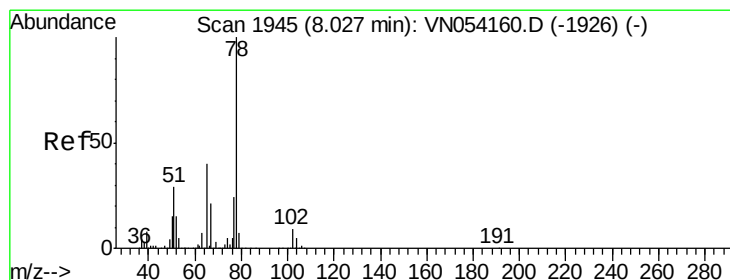
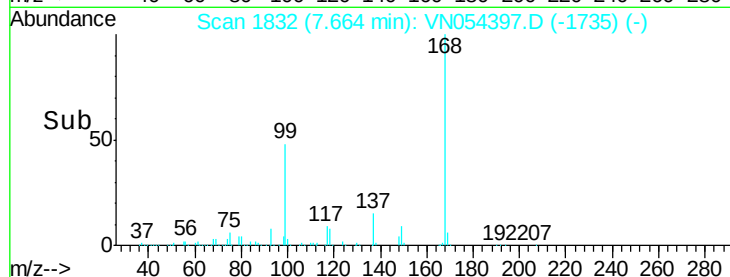
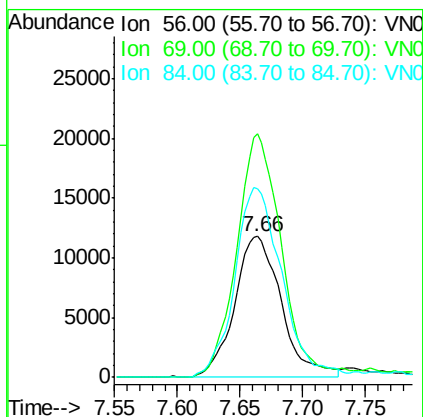
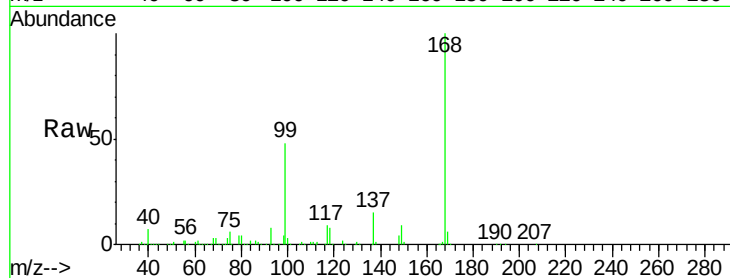




#31  
Cyclohexane  
Concen: Below Cal  
RT: 7.66 min Scan# 1832  
Delta R.T. 0.01 min  
Lab File: VN054397.D  
Acq: 18 Mar 2019 16:44

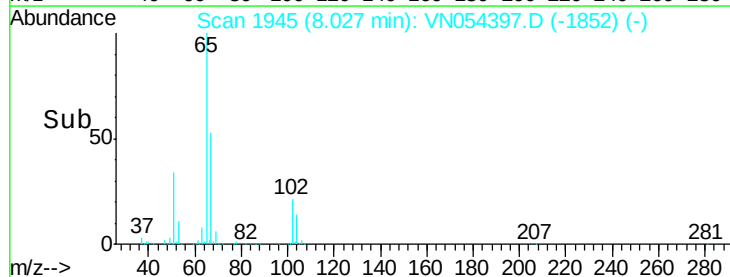
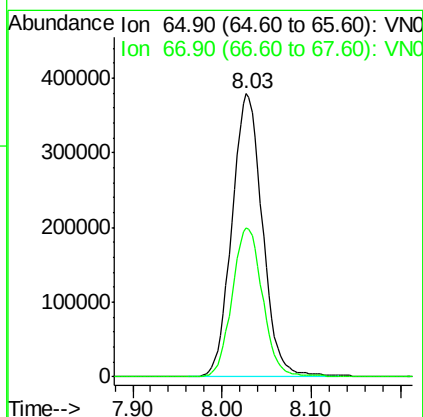
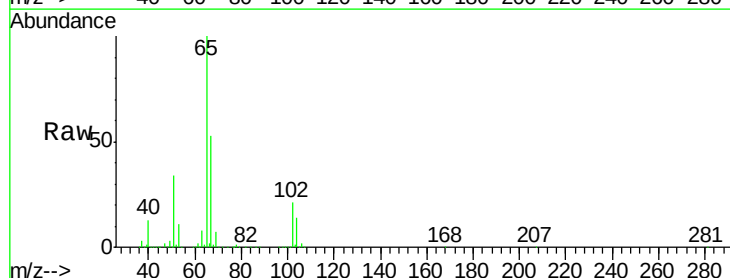
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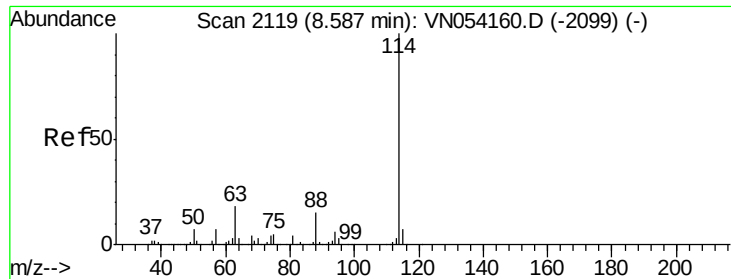
Tot Ion: 56 Resp: 30571  
Ion Ratio Lower Upper  
56 100  
69 172.7 27.8 41.6#  
84 134.1 74.6 111.8#



#33  
1,2-Dichloroethane-d4  
Concen: 45.092 ug/l  
RT: 8.03 min Scan# 1945  
Delta R.T. -0.00 min  
Lab File: VN054397.D  
Acq: 18 Mar 2019 16:44

Tgt Ion: 65 Resp: 902997  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 104.6

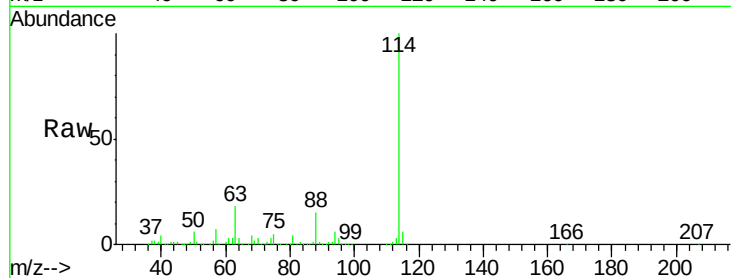




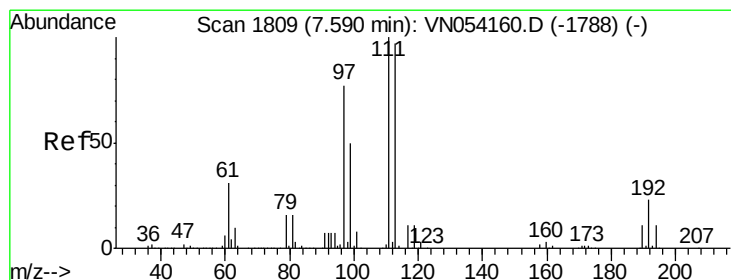
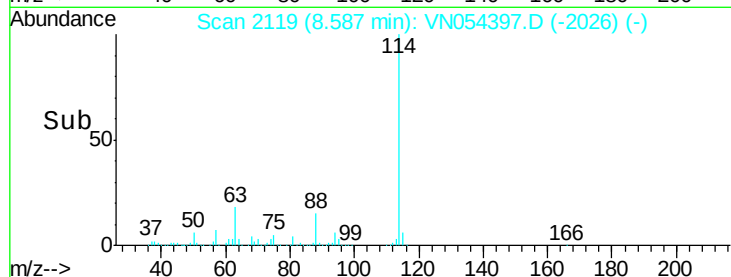
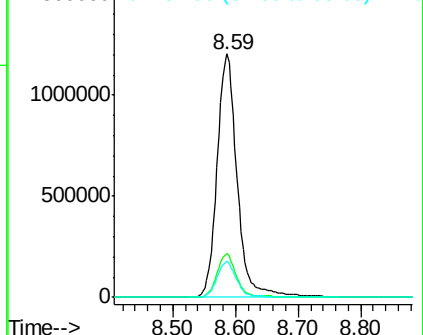
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: VN054397.D  
 Acq: 18 Mar 2019 16:44

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Tot Ion:114 Resp: 2689293  
 Ion Ratio Lower Upper  
 114 100  
 63 17.9 0.0 35.2  
 88 14.7 0.0 30.2

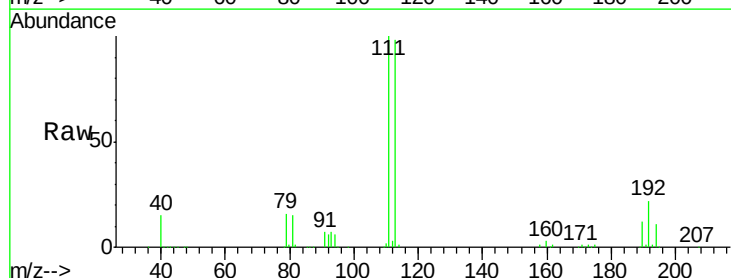


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): V  
 Ion 87.90 (87.60 to 88.60): V

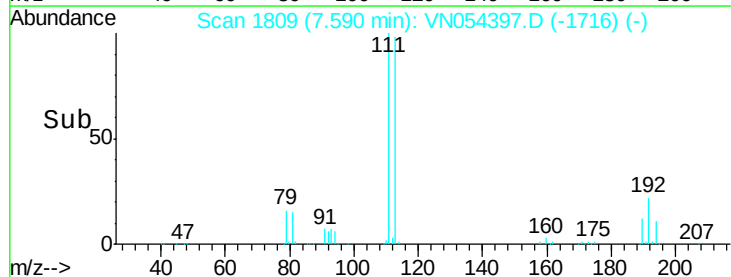
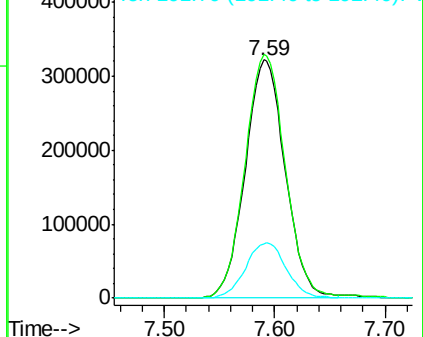


#35  
 Dibromofluoromethane  
 Concen: 46.575 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. -0.00 min  
 Lab File: VN054397.D  
 Acq: 18 Mar 2019 16:44

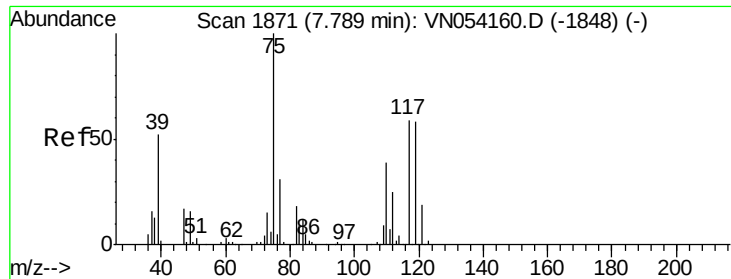
Tgt Ion:113 Resp: 807835  
 Ion Ratio Lower Upper  
 113 100  
 111 104.2 82.2 123.4  
 192 23.7 19.2 28.8



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



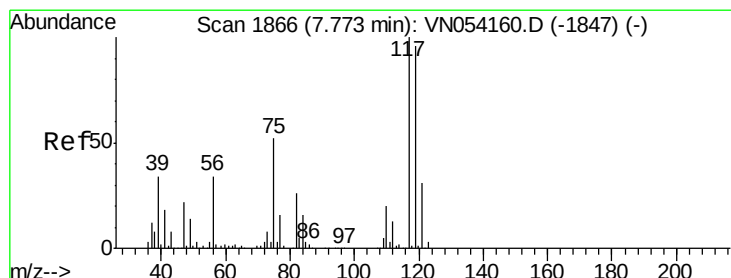
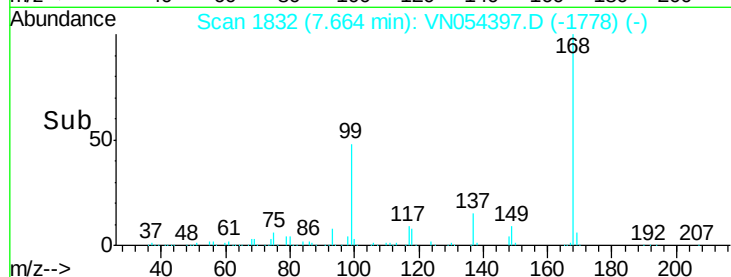
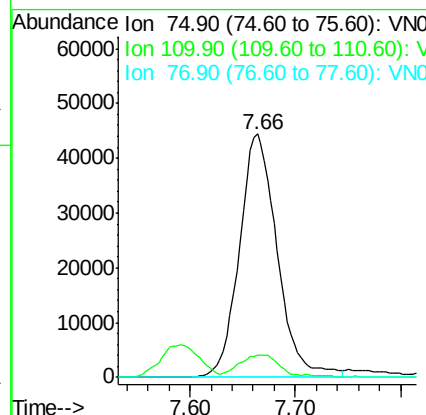
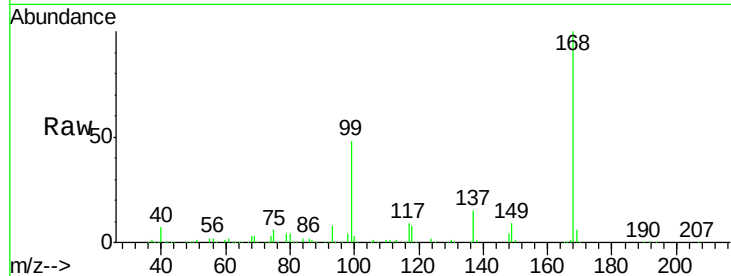




#36  
 1,1-Dichloropropene  
 Concen: 4.467 ug/l  
 RT: 7.66 min Scan# 1832  
 Delta R.T. -0.13 min  
 Lab File: VN054397.D  
 Acq: 18 Mar 2019 16:44

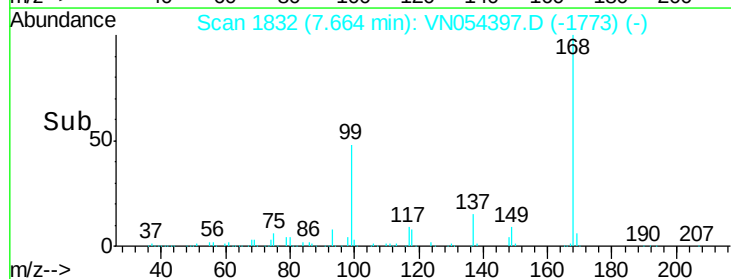
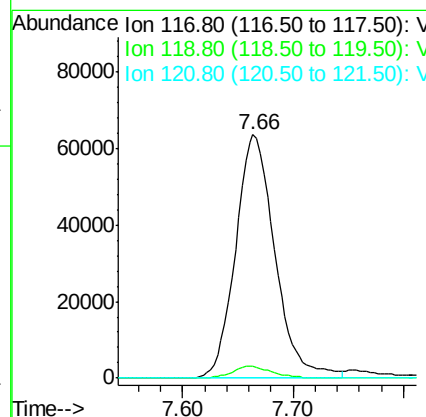
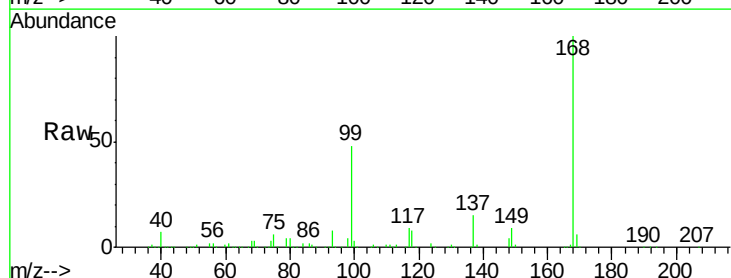
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 T11-MW-3-8.0-031519

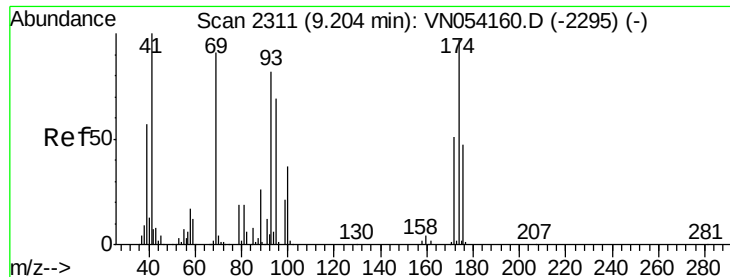
Tot Ion: 75 Resp: 110622  
 Ion Ratio Lower Upper  
 75 100  
 110 8.4 19.1 57.5#  
 77 0.0 25.0 37.4#



#38  
 Carbon Tetrachloride  
 Concen: 6.067 ug/l  
 RT: 7.66 min Scan# 1832  
 Delta R.T. -0.11 min  
 Lab File: VN054397.D  
 Acq: 18 Mar 2019 16:44

Tgt Ion: 117 Resp: 157573  
 Ion Ratio Lower Upper  
 117 100  
 119 4.9 76.3 114.5#  
 121 0.0 24.6 36.8#

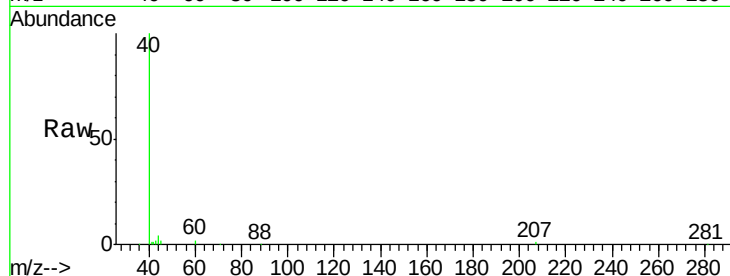




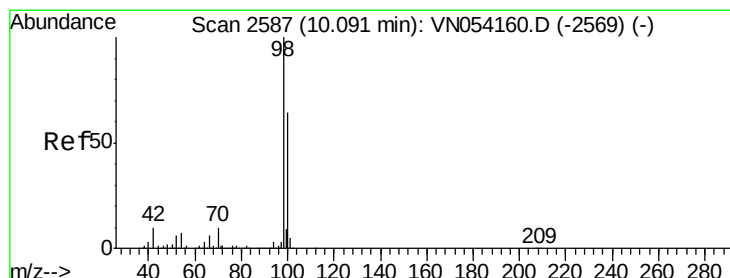
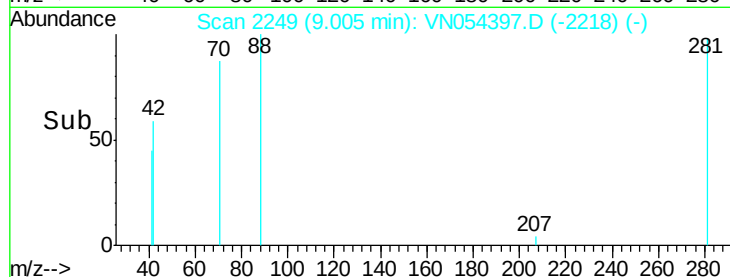
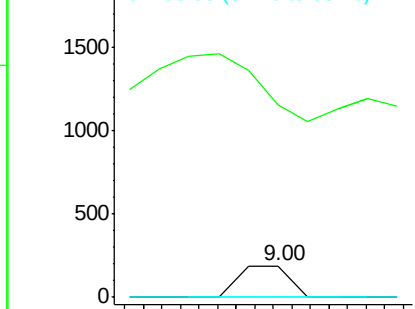
#49  
1,4-Dioxane  
Concen: 0.407 ug/l  
RT: 9.00 min Scan# 2249  
Delta R.T. -0.20 min  
Lab File: VN054397.D  
Acq: 18 Mar 2019 16:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
T11-MW-3-8.0-031519

Tot Ion: 88 Resp: 73  
Ion Ratio Lower Upper  
88 100  
43 398.6 24.1 36.1#  
58 0.0 50.8 76.2#

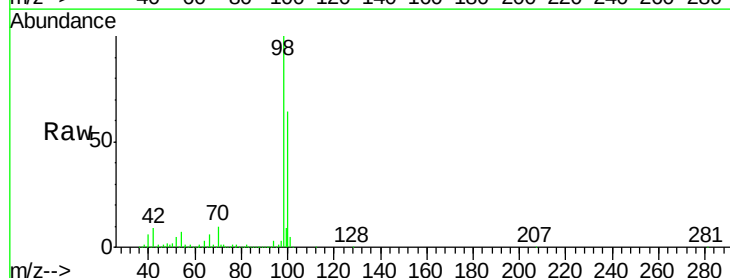


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

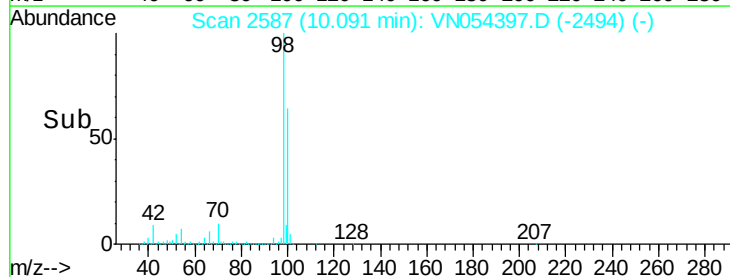
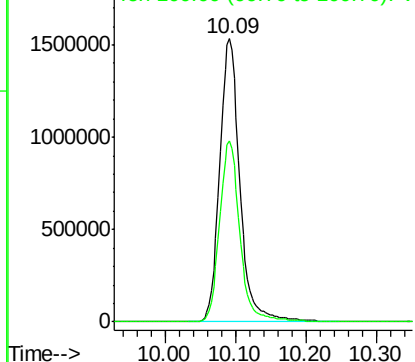


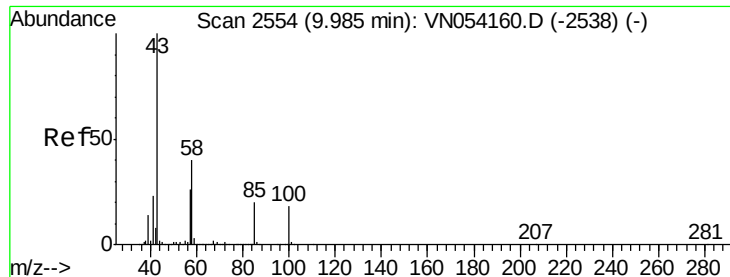
#50  
Toluene-d8  
Concen: 47.991 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN054397.D  
Acq: 18 Mar 2019 16:44

Tgt Ion: 98 Resp: 3074133  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.2 76.8



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: 0.223 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054397.D

Acq: 18 Mar 2019 16:44

Instrument :

MSVOA\_N

ClientSampleId :

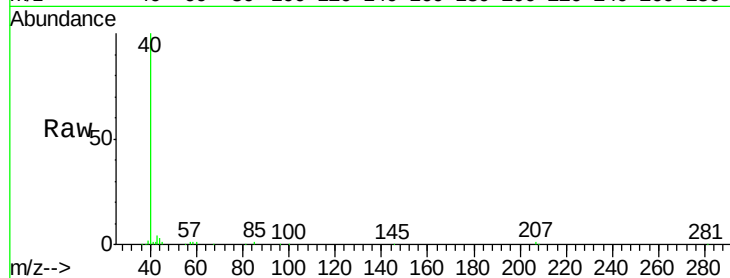
T11-MW-3-8.0-031519

Tot Ion: 43 Resp: 2943

Ion Ratio Lower Upper

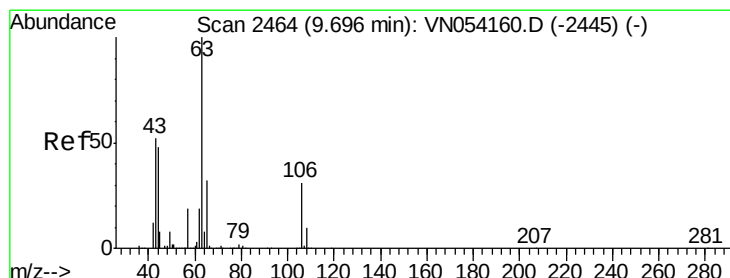
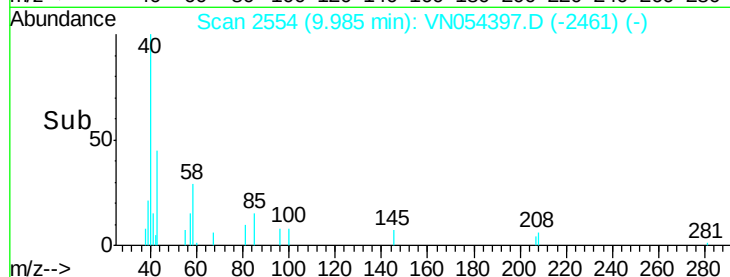
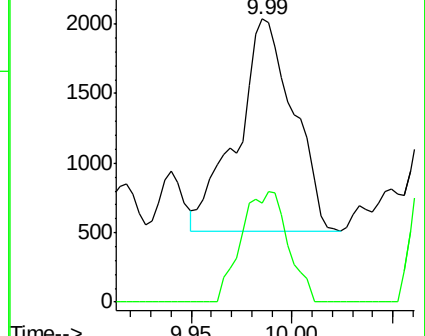
43 100

58 44.0 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 16.831 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. -0.01 min

Lab File: VN054397.D

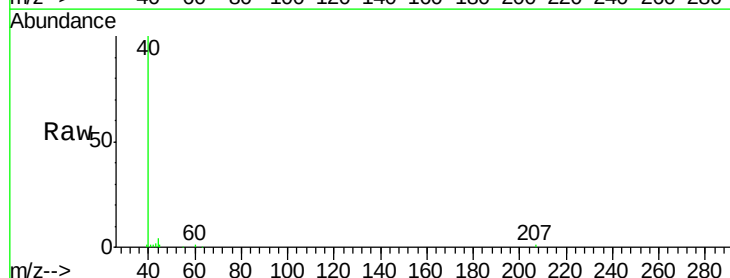
Acq: 18 Mar 2019 16:44

Tgt Ion: 63 Resp: 30

Ion Ratio Lower Upper

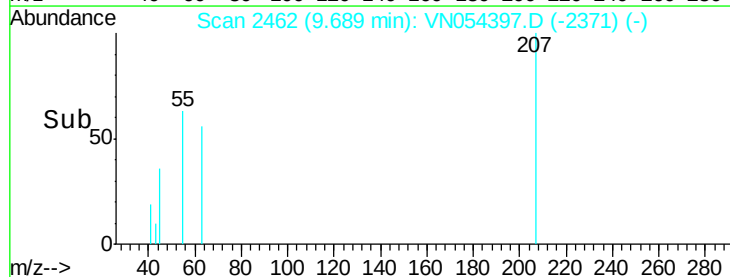
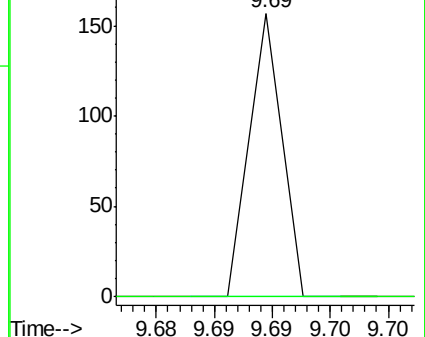
63 100

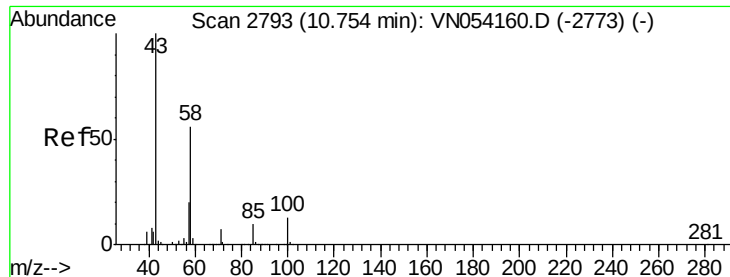
106 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 0.458 ug/l

RT: 10.61 min Scan# 2748

Delta R.T. -0.14 min

Lab File: VN054397.D

Acq: 18 Mar 2019 16:44

Instrument :

MSVOA\_N

ClientSampleId :

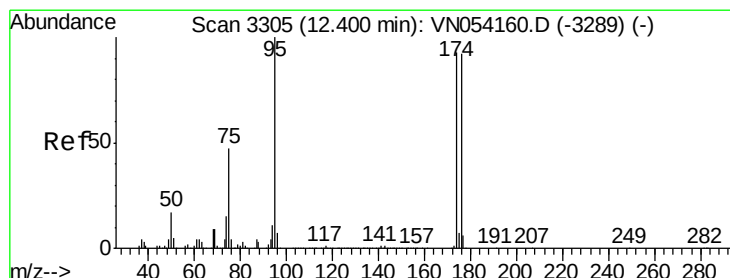
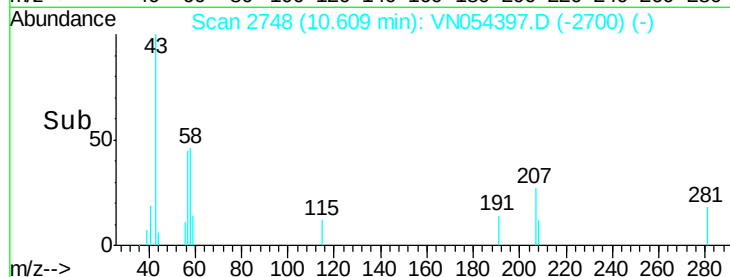
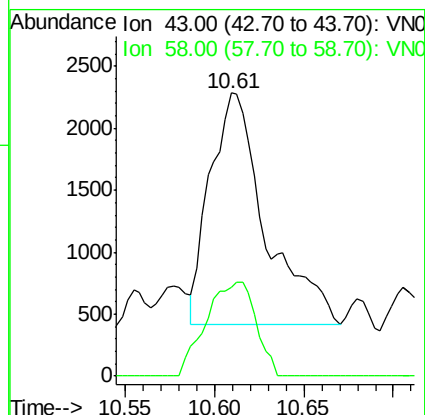
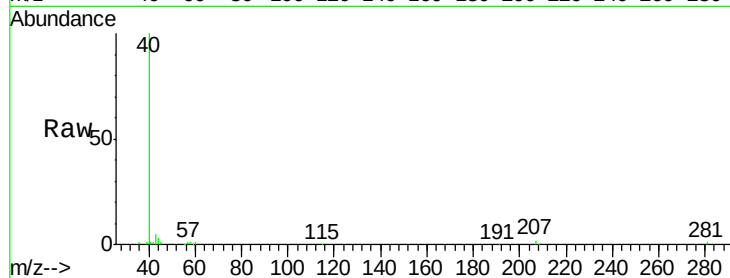
T11-MW-3-8.0-031519

Tot Ion: 43 Resp: 4026

Ion Ratio Lower Upper

43 100

58 36.3 28.0 83.9



#62

4-Bromofluorobenzene

Concen: 40.415 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054397.D

Acq: 18 Mar 2019 16:44

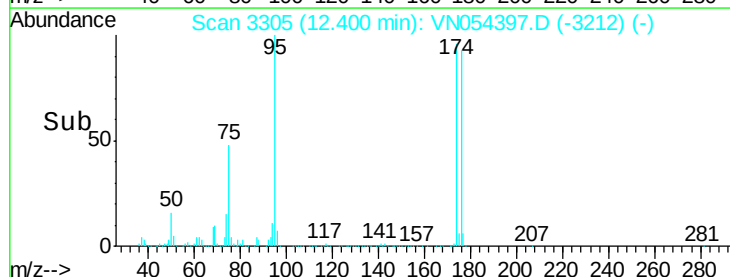
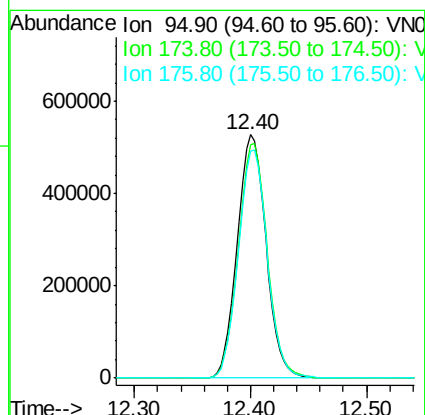
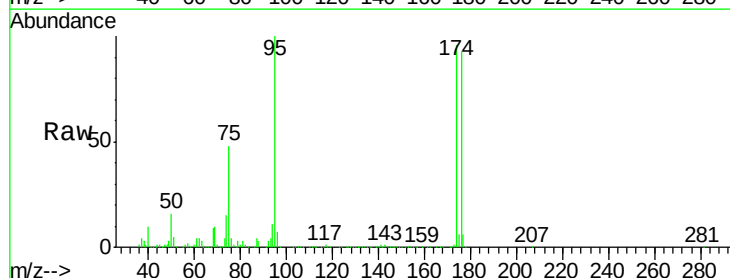
Tgt Ion: 95 Resp: 905844

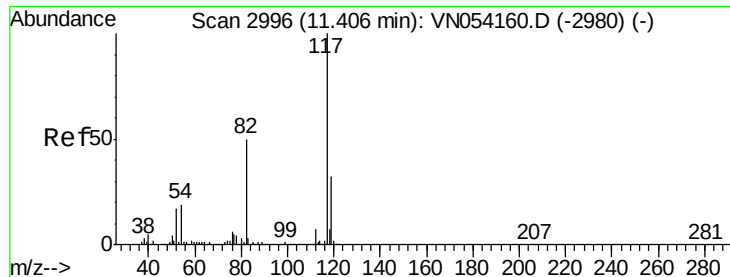
Ion Ratio Lower Upper

95 100

174 97.0 0.0 191.0

176 94.2 0.0 187.4

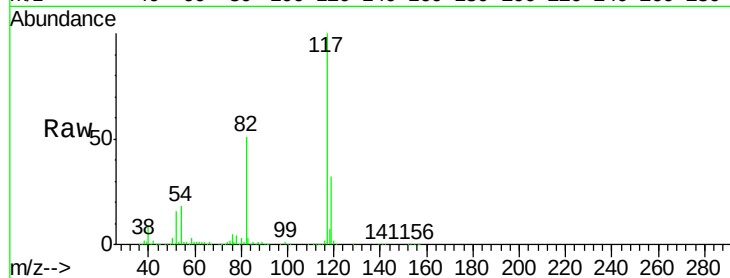




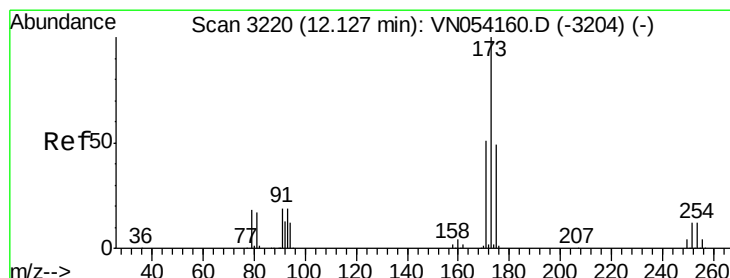
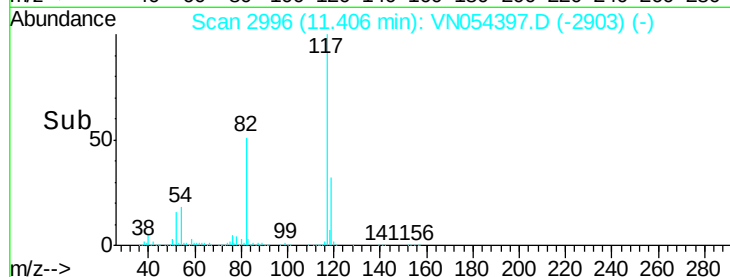
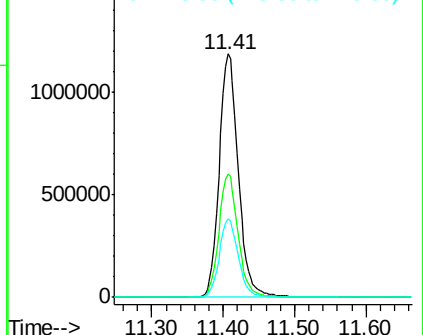
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN054397.D  
Acq: 18 Mar 2019 16:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
T11-MW-3-8.0-031519

Tot Ion:117 Resp: 2207259  
Ion Ratio Lower Upper  
117 100  
82 50.6 40.0 60.0  
119 32.2 25.8 38.6

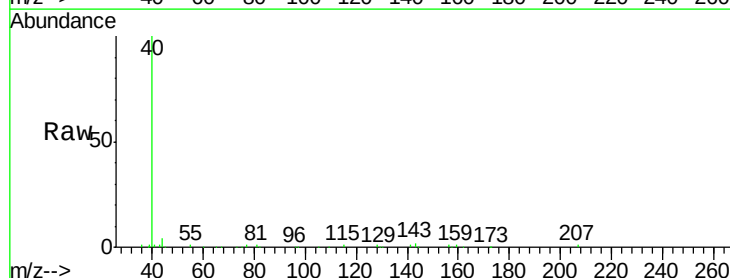


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

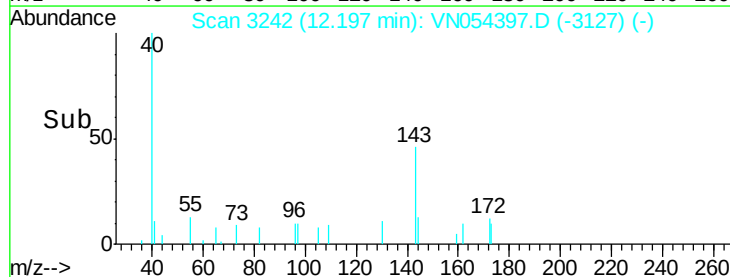
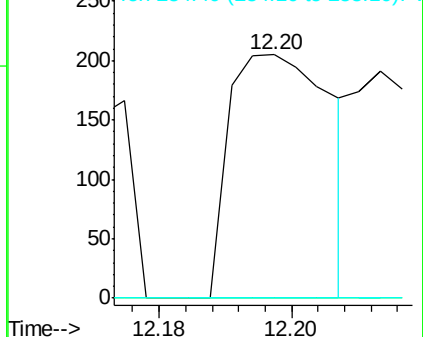


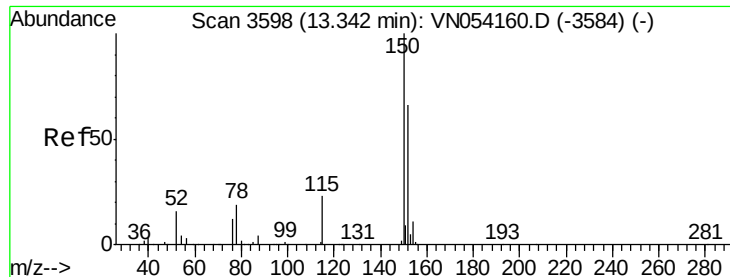
#71  
Bromoform  
Concen: 2.366 ug/l  
RT: 12.20 min Scan# 3242  
Delta R.T. 0.07 min  
Lab File: VN054397.D  
Acq: 18 Mar 2019 16:44

Tgt Ion:173 Resp: 218  
Ion Ratio Lower Upper  
173 100  
175 0.0 24.4 73.2#  
254 0.0 0.1 0.1#



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: VN054397.D

Acq: 18 Mar 2019 16:44

Instrument :

MSVOA\_N

ClientSampleId :

T11-MW-3-8.0-031519

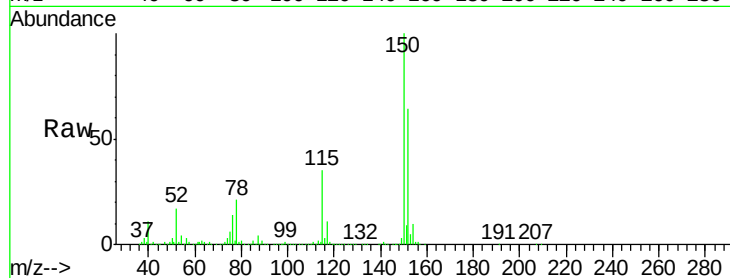
Tot Ion:152 Resp: 812933

Ion Ratio Lower Upper

152 100

115 55.3 27.2 81.6

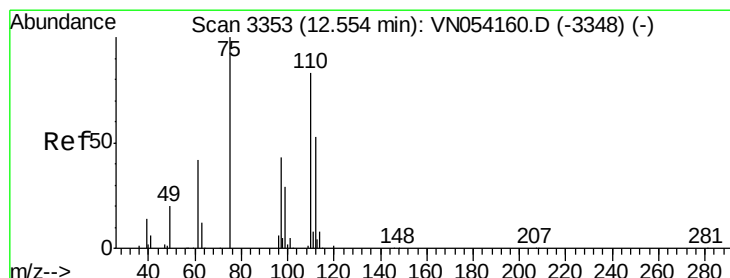
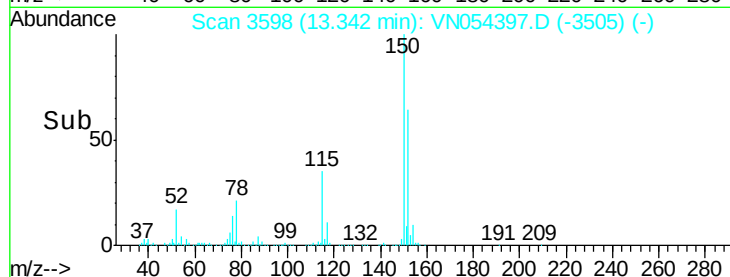
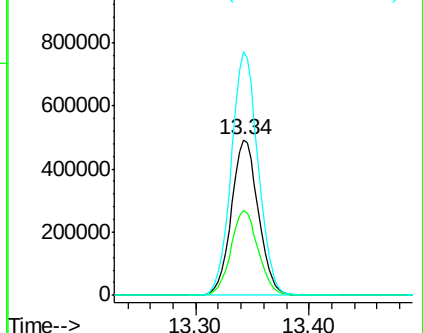
150 155.7 0.0 349.2



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: 35.879 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054397.D

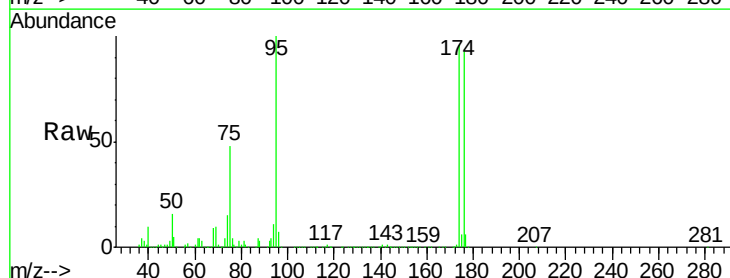
Acq: 18 Mar 2019 16:44

Tgt Ion: 75 Resp: 428918

Ion Ratio Lower Upper

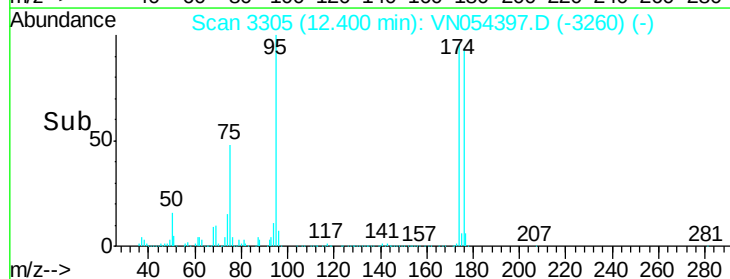
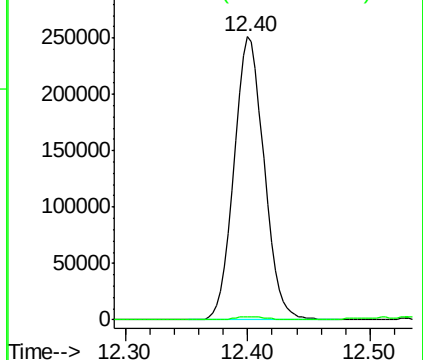
75 100

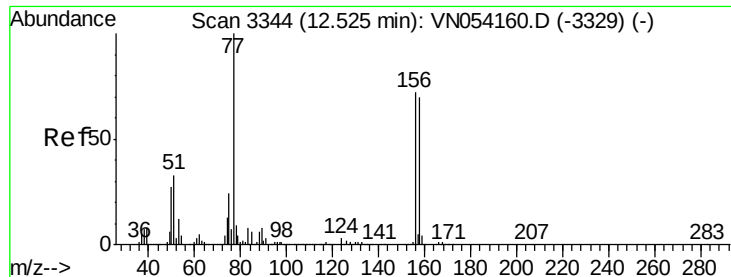
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#77

Bromobenzene

Concen: 11.187 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.03 min

Lab File: VN054397.D

Acq: 18 Mar 2019 16:44

Instrument :

MSVOA\_N

ClientSampleId :

T11-MW-3-8.0-031519

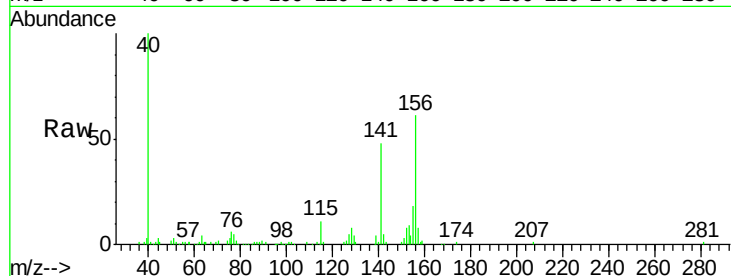
Tot Ion:156 Resp: 192527

Ion Ratio Lower Upper

156 100

77 0.0 81.5 244.4#

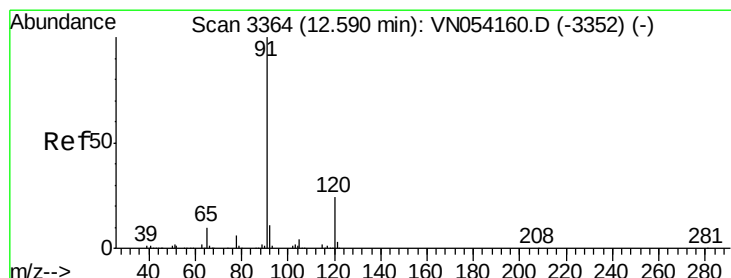
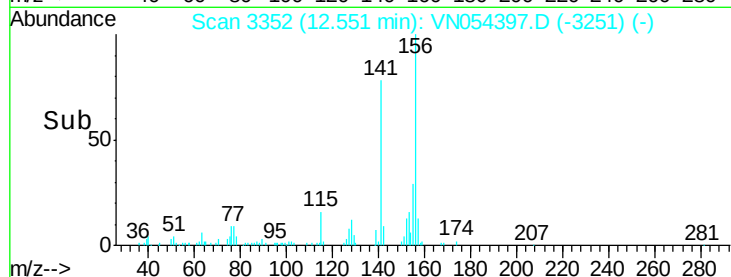
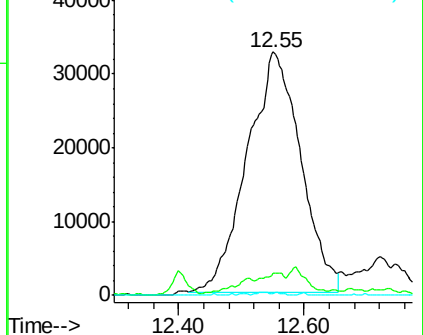
158 0.2 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.748 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054397.D

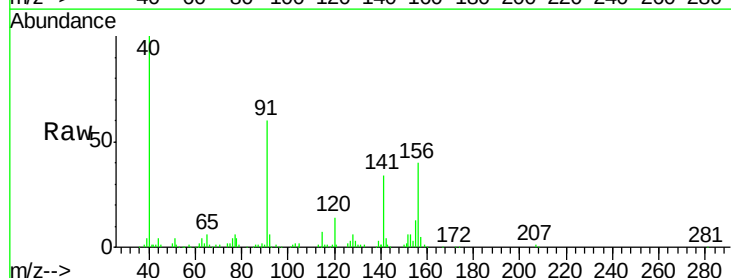
Acq: 18 Mar 2019 16:44

Tgt Ion: 91 Resp: 52785

Ion Ratio Lower Upper

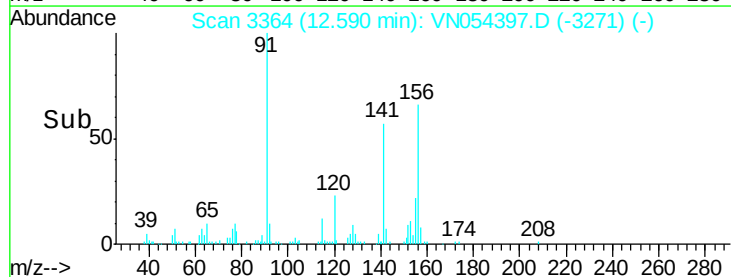
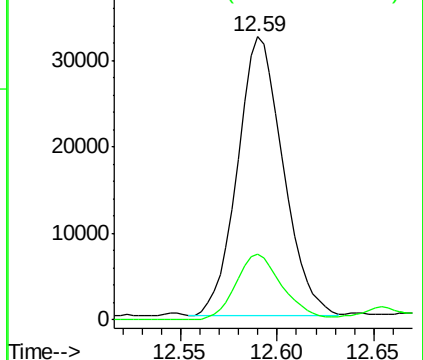
91 100

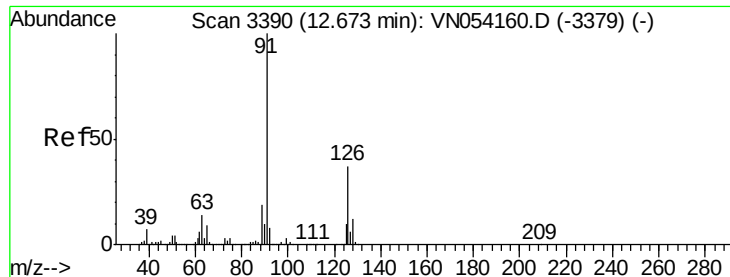
120 24.1 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.244 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.08 min

Lab File: VN054397.D

Acq: 18 Mar 2019 16:44

Instrument :

MSVOA\_N

ClientSampleId :

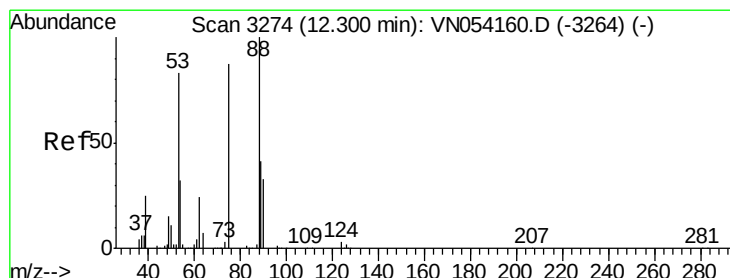
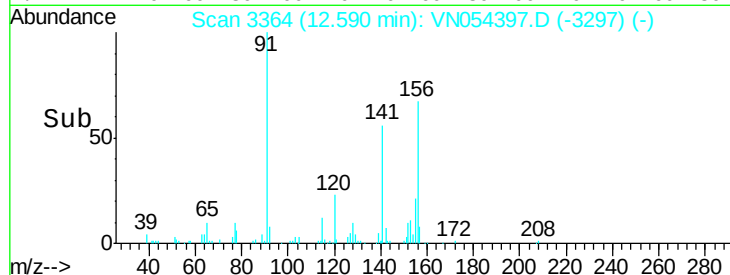
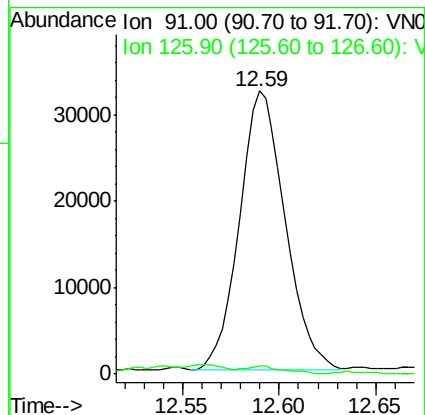
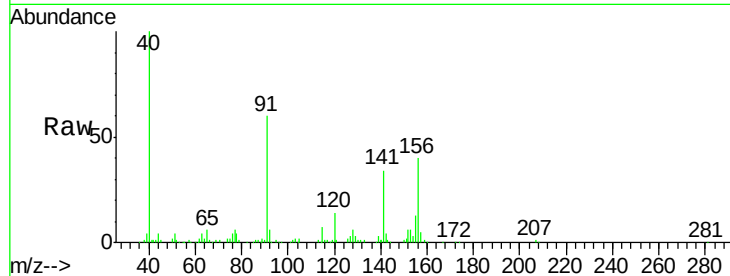
T11-MW-3-8.0-031519

Tot Ion: 91 Resp: 52785

Ion Ratio Lower Upper

91 100

126 2.4 18.7 56.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 122.651 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054397.D

Acq: 18 Mar 2019 16:44

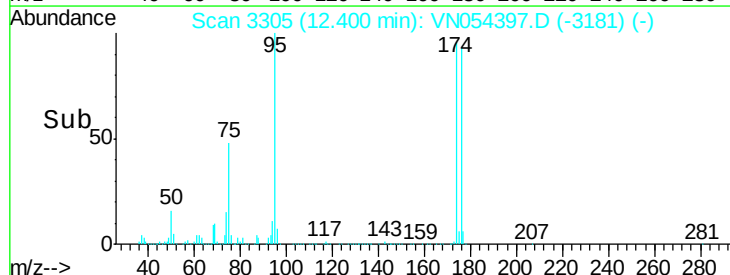
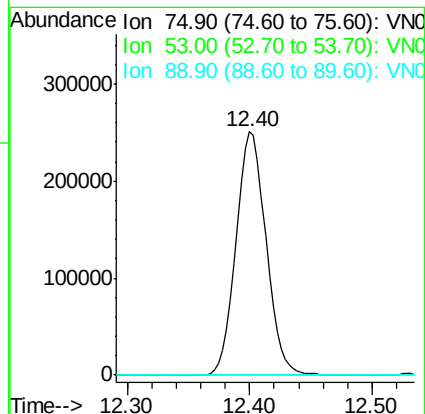
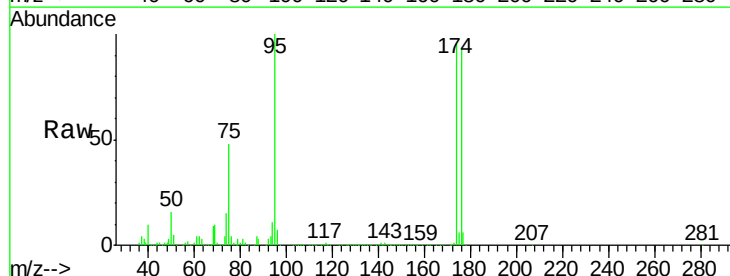
Tgt Ion: 75 Resp: 428918

Ion Ratio Lower Upper

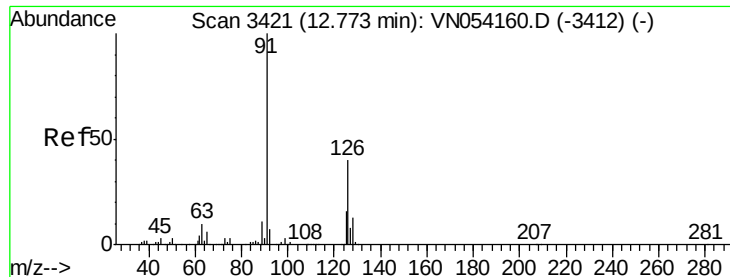
75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#







#82

4-Chlorotoluene

Concen: 1.246 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.18 min

Lab File: VN054397.D

Acq: 18 Mar 2019 16:44

Instrument :

MSVOA\_N

ClientSampleId :

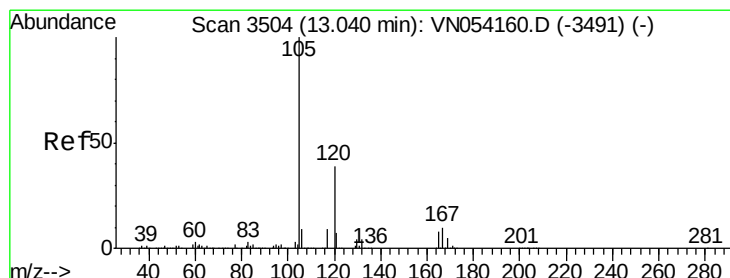
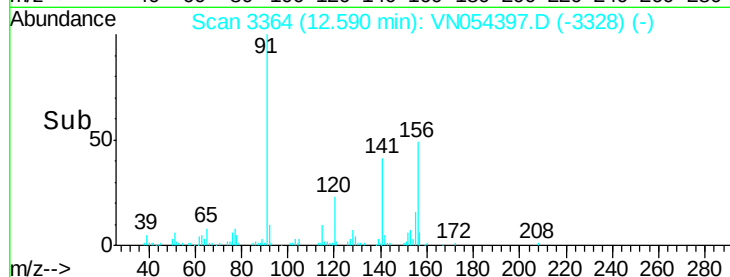
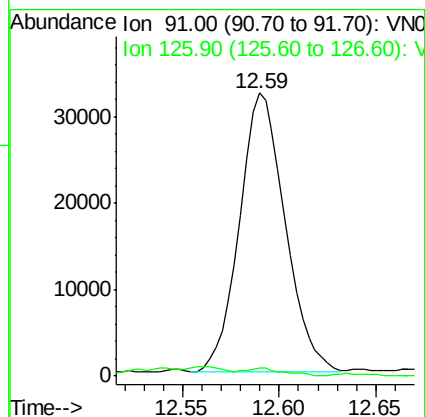
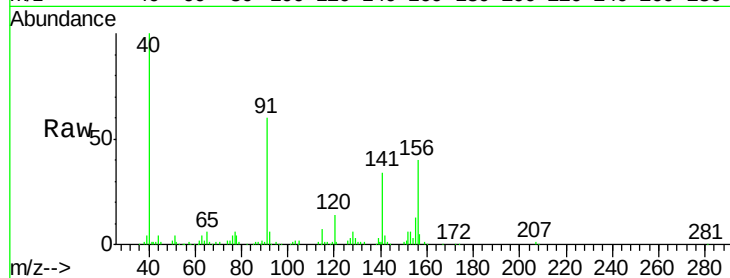
T11-MW-3-8.0-031519

Tot Ion: 91 Resp: 52785

Ion Ratio Lower Upper

91 100

126 2.4 18.1 54.1#



#84

1,2,4-Trimethylbenzene

Concen: 0.350 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054397.D

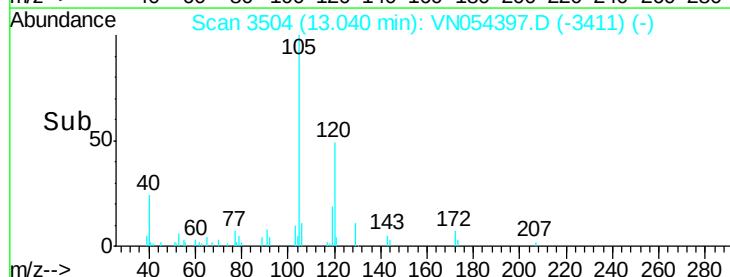
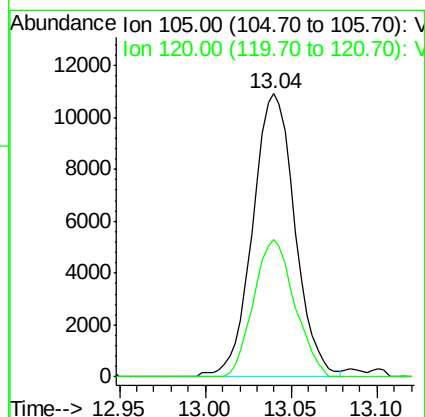
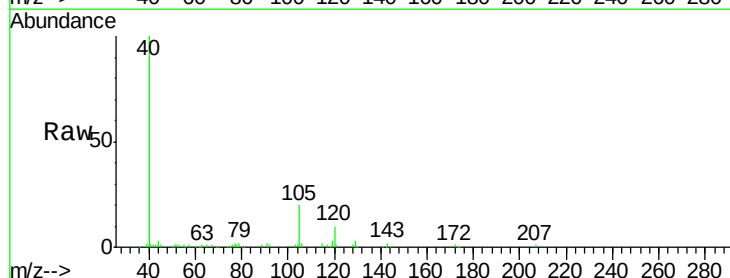
Acq: 18 Mar 2019 16:44

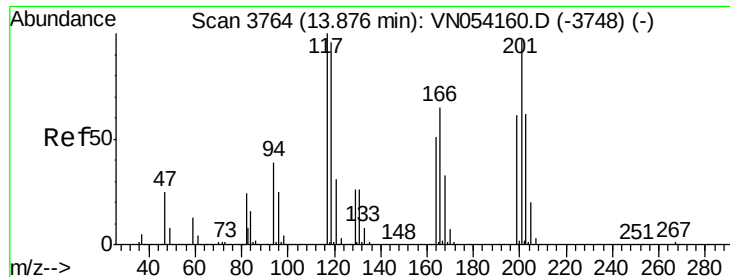
Tgt Ion: 105 Resp: 18598

Ion Ratio Lower Upper

105 100

120 46.9 23.4 70.3





#90

Hexachloroethane

Concen: 0.568 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054397.D

Acq: 18 Mar 2019 16:44

Instrument :

MSVOA\_N

ClientSampleId :

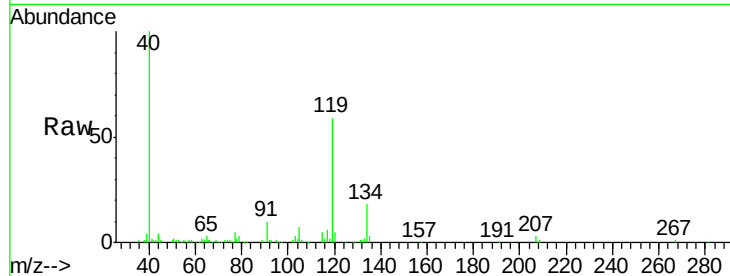
T11-MW-3-8.0-031519

Tot Ion:117 Resp: 5333

Ion Ratio Lower Upper

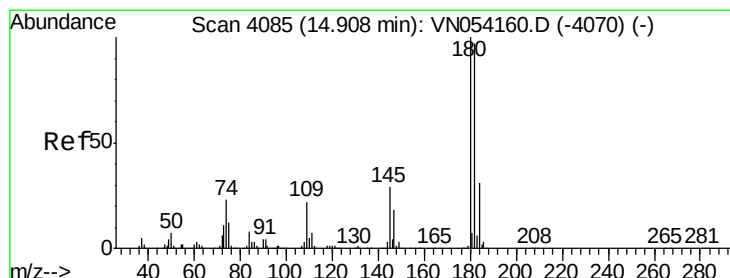
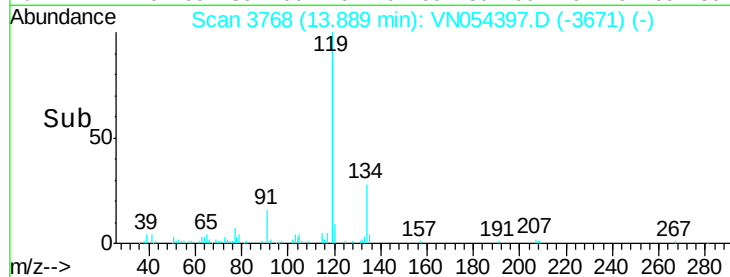
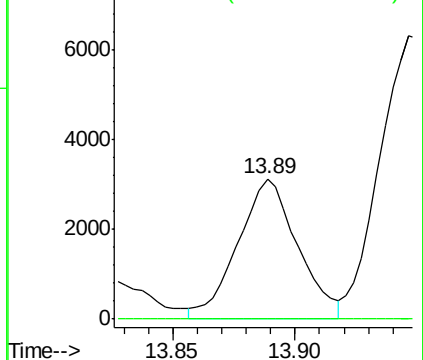
117 100

201 0.0 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 2.541 ug/l

RT: 14.90 min Scan# 4082

Delta R.T. -0.01 min

Lab File: VN054397.D

Acq: 18 Mar 2019 16:44

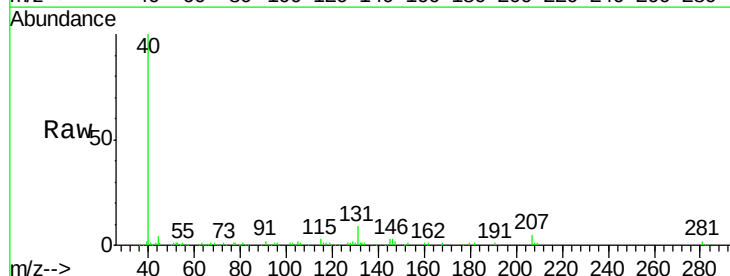
Tgt Ion:180 Resp: 446

Ion Ratio Lower Upper

180 100

182 51.8 48.0 144.2

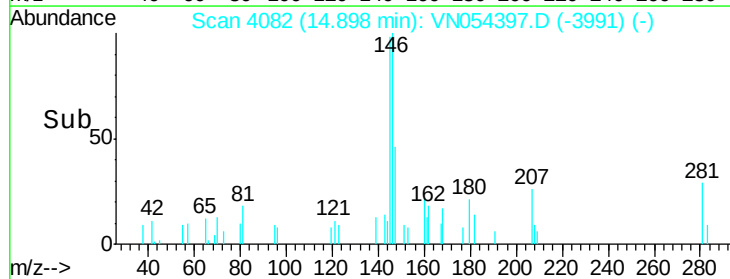
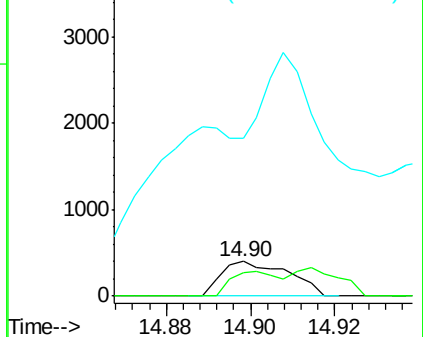
145 499.6 14.2 42.8#

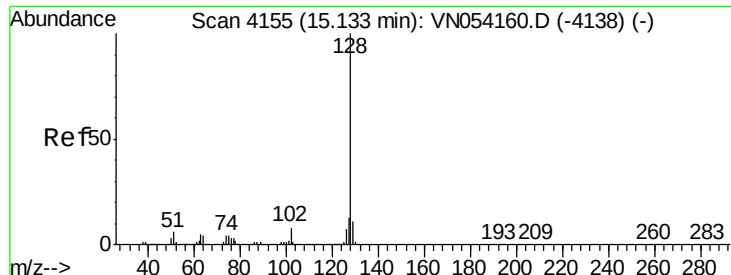


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

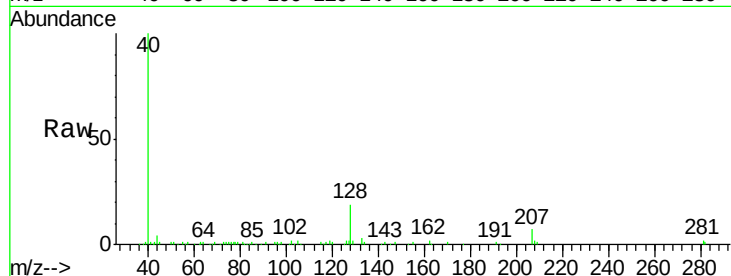




#95  
Naphthalene  
Concen: 3.901 ug/l  
RT: 15.13 min Scan# 4155  
Delta R.T. 0.00 min  
Lab File: VN054397.D  
Acq: 18 Mar 2019 16:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
T11-MW-3-8.0-031519

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.1  | 10.1  | 15.1  |
| 129     | 7.9   | 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

