

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041519\  
 Data File : VN055064.D  
 Acq On : 16 Apr 2019 00:51  
 Operator : JC/SP  
 Sample : K2407-12  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-17-S

Quant Time: Apr 16 05:56:15 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041519W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 15 12:28:28 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 527359   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 831070   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 715553   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 239535   | 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   | 332566   | 47.44 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 94.88%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 267035   | 48.08 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 96.16%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 1005830  | 50.60 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 101.20% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 300319   | 46.47 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 92.94%  |          |

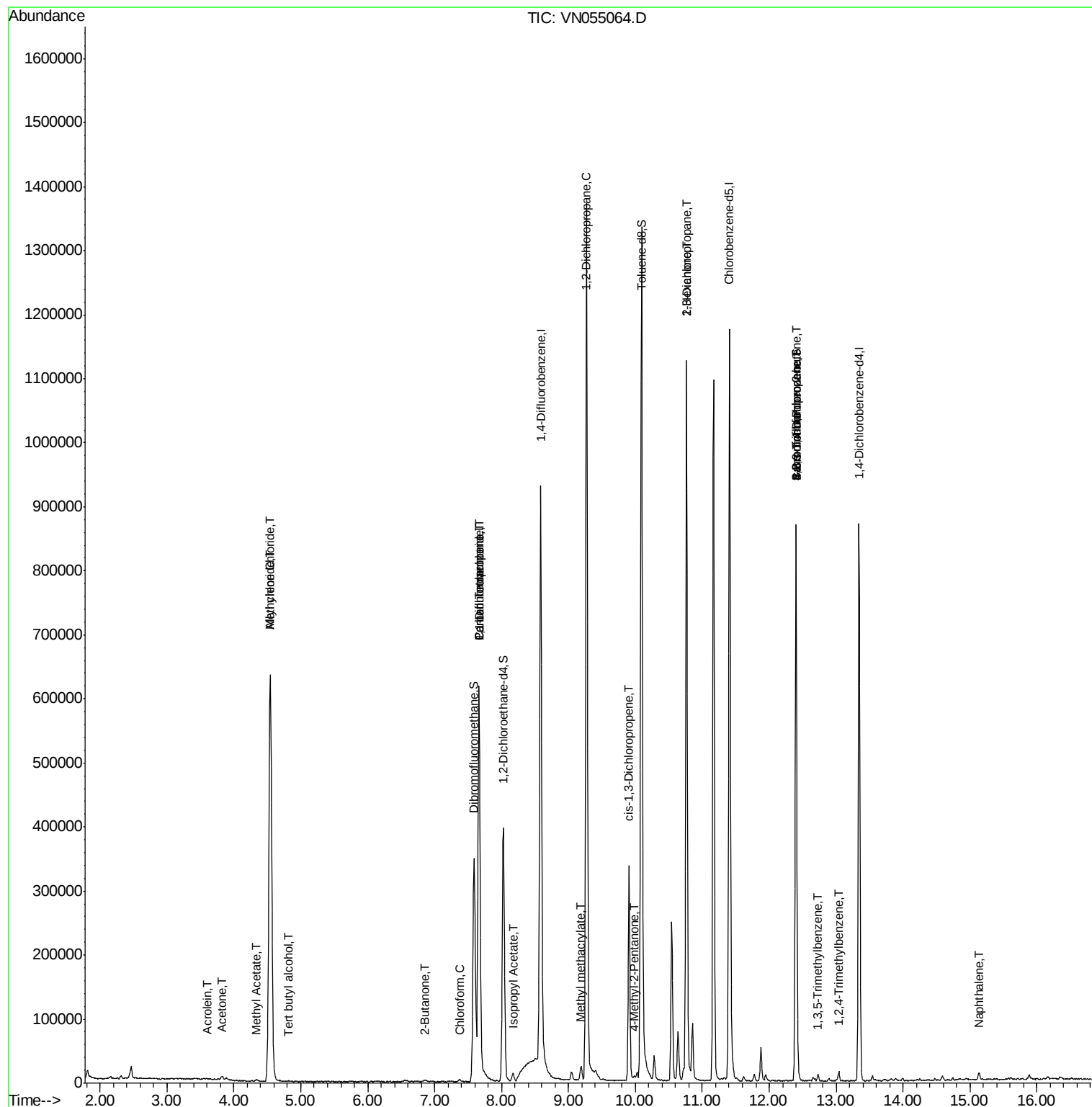
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 11) Tert butyl alcohol         | 4.83  | 59   | 159      | 0.414     | ug/l # | 72     |
| 13) Acrolein                   | 3.60  | 56   | 191      | 0.402     | ug/l # | 70     |
| 14) Allyl chloride             | 4.54  | 41   | 19420    | 1.895     | ug/l # | 27     |
| 16) Acetone                    | 3.82  | 43   | 7319     | 3.847     | ug/l   | 98     |
| 18) Methyl Acetate             | 4.34  | 43   | 4441     | 0.376     | ug/l # | 89     |
| 20) Methylene Chloride         | 4.54  | 84   | 443884   | 66.367    | ug/l   | 96     |
| 25) 2-Butanone                 | 6.85  | 43   | 2216     | 0.780     | ug/l # | 82     |
| 30) Chloroform                 | 7.38  | 83   | 4199     | 0.385     | ug/l   | 96     |
| 31) Cyclohexane                | 7.66  | 56   | 11195    | Below Cal | #      | 7      |
| 36) 1,1-Dichloropropene        | 7.66  | 75   | 39133    | 4.995     | ug/l # | 49     |
| 38) Carbon Tetrachloride       | 7.66  | 117  | 49440    | 6.633     | ug/l # | 16     |
| 43) Isopropyl Acetate          | 8.17  | 43   | 16088    | 1.637     | ug/l # | 95     |
| 45) 1,2-Dichloropropane        | 9.27  | 63   | 1516     | 0.230     | ug/l # | 44     |
| 48) Methyl methacrylate        | 9.18  | 41   | 8225     | 1.688     | ug/l # | 32     |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 5385     | 0.948     | ug/l   | 89     |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 55786    | 6.656     | ug/l # | 65     |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 10375    | 1.170     | ug/l # | 43     |
| 59) 2-Hexanone                 | 10.76 | 43   | 179339   | 50.289    | ug/l # | 54     |
| 71) Bromoform                  | 12.40 | 173  | 1408     | 0.464     | ug/l # | 1      |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 150809   | 35.011    | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 4133     | 0.241     | ug/l   | 94     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 150809   | 140.006   | ug/l # | 2      |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 8809     | 0.542     | ug/l   | 95     |
| 95) Naphthalene                | 15.13 | 128  | 10808    | 4.260     | ug/l   | 98     |

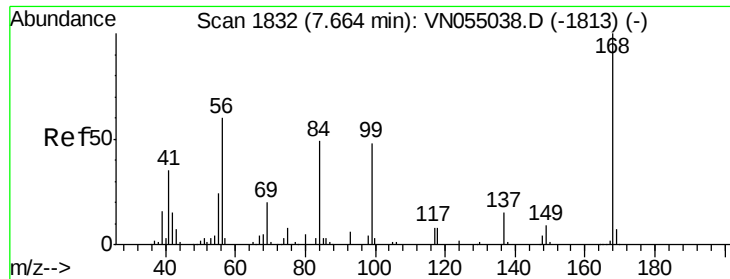
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N041519W.M  
Quant Title : SW846 8260  
QLast Update : Mon Apr 15 12:28:28 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055064.D

Acq: 16 Apr 2019 00:51

Instrument :

MSVOA\_N

ClientSampleId :

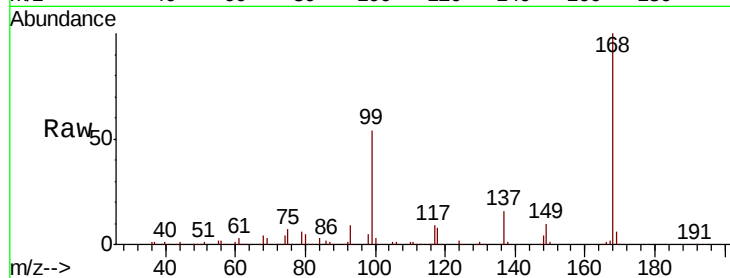
TP-17-S

Tot Ion:168 Resp: 527359

Ion Ratio Lower Upper

168 100

99 54.1 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055038.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055038.D (-1813) (-)

7.66

250000

200000

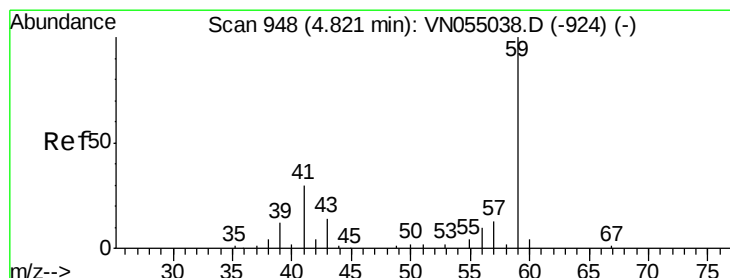
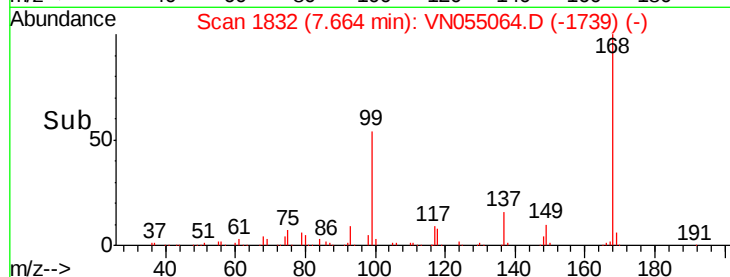
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.414 ug/l

RT: 4.83 min Scan# 950

Delta R.T. 0.01 min

Lab File: VN055064.D

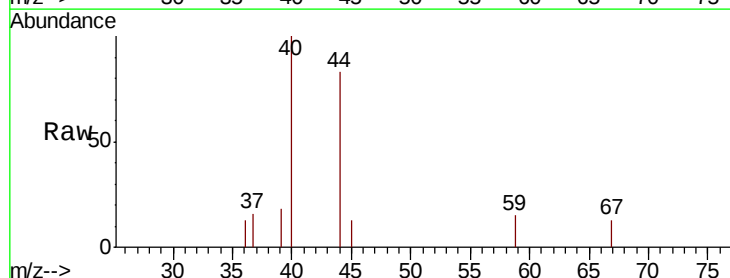
Acq: 16 Apr 2019 00:51

Tgt Ion: 59 Resp: 159

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN055038.D (-924) (-)

Ion 57.00 (56.70 to 57.70): VN055038.D (-924) (-)

4.83

250

200

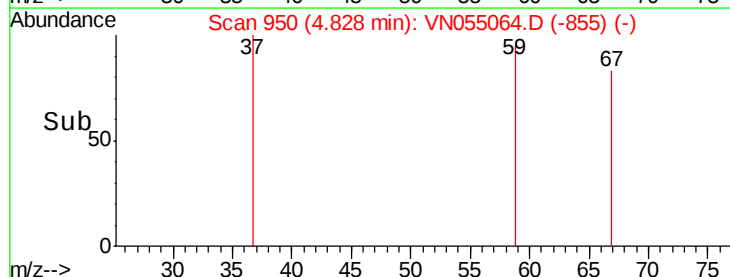
150

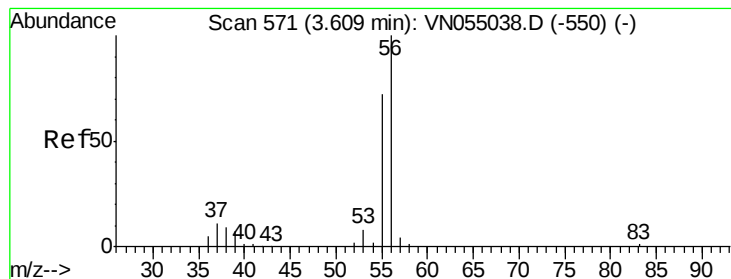
100

50

0

Time-->





#13

Acrolein

Concen: 0.402 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.01 min

Lab File: VN055064.D

Acq: 16 Apr 2019 00:51

Instrument :

MSVOA\_N

ClientSampled :

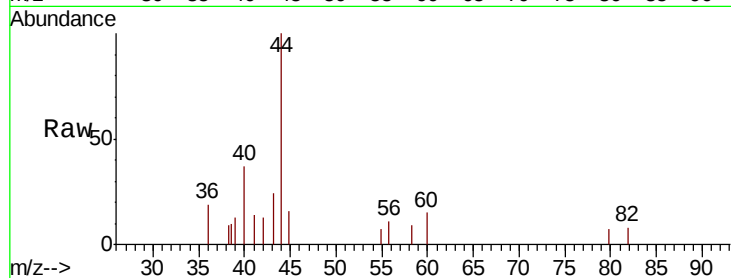
TP-17-S

Tot Ion: 56 Resp: 191

Ion Ratio Lower Upper

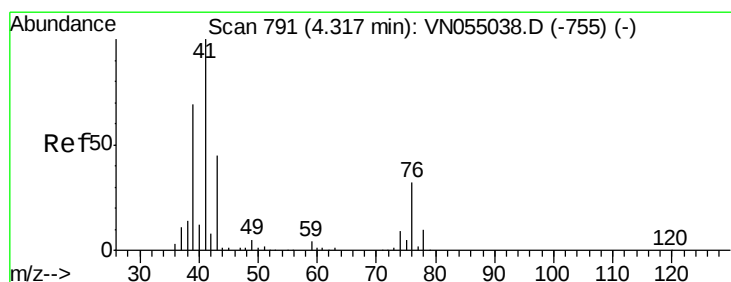
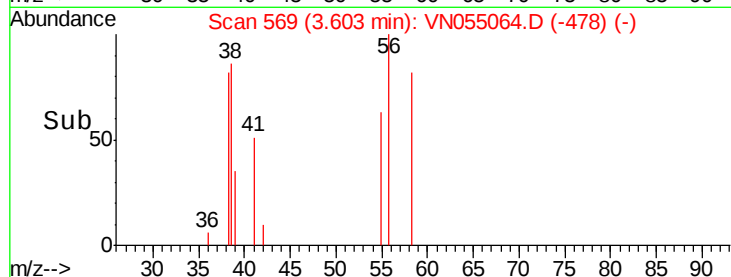
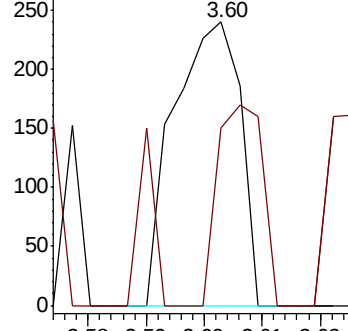
56 100

55 48.7 59.5 89.3#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 1.895 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.23 min

Lab File: VN055064.D

Acq: 16 Apr 2019 00:51

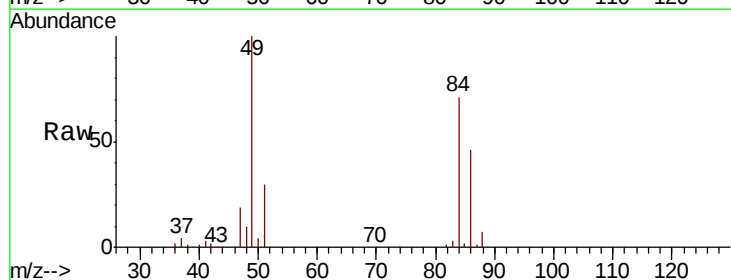
Tgt Ion: 41 Resp: 19420

Ion Ratio Lower Upper

41 100

39 1.2 52.7 79.1#

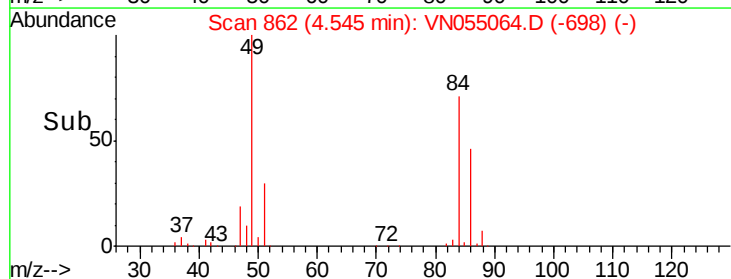
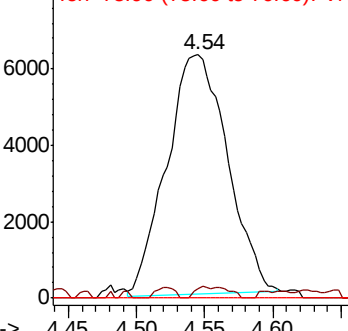
76 0.0 23.2 34.8#

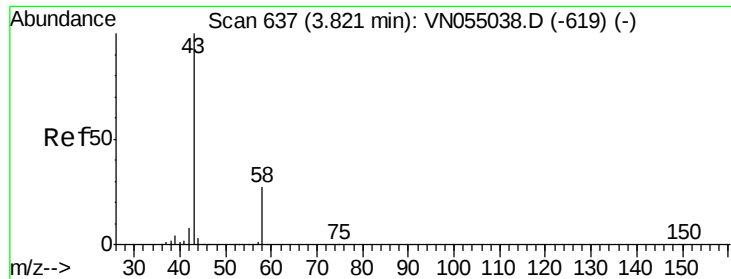


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 3.847 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.01 min

Lab File: VN055064.D

Acq: 16 Apr 2019 00:51

Instrument :

MSVOA\_N

ClientSampled :

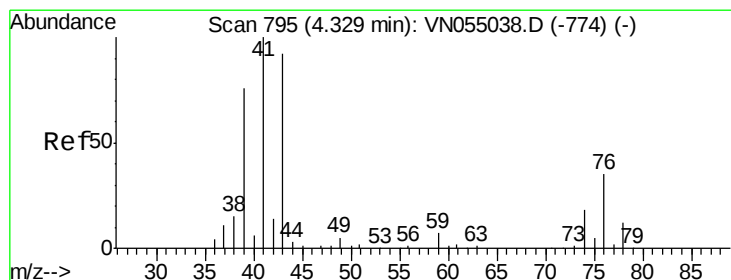
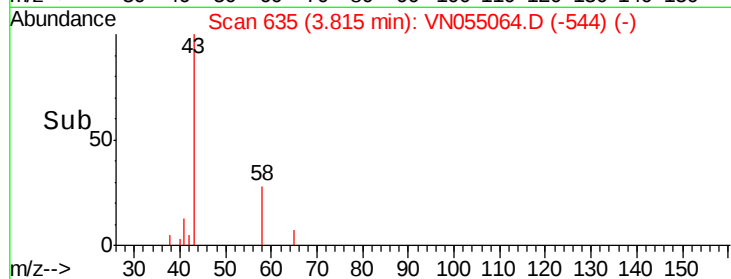
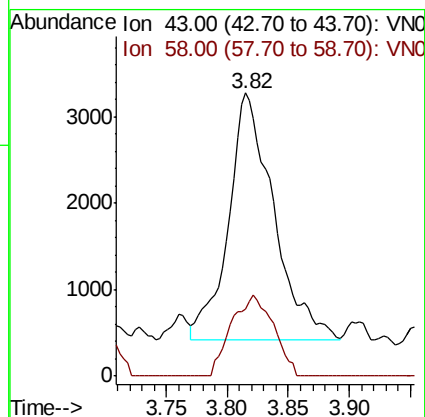
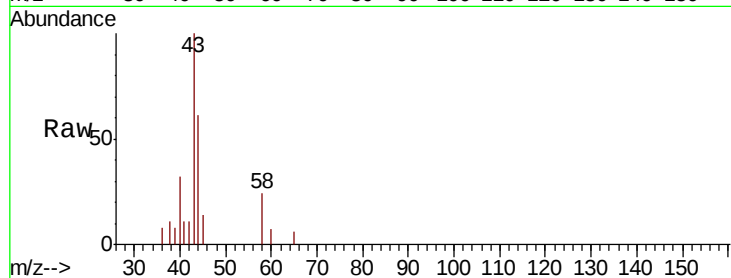
TP-17-S

Tot Ion: 43 Resp: 7319

Ion Ratio Lower Upper

43 100

58 27.1 20.9 31.3



#18

Methyl Acetate

Concen: 0.376 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN055064.D

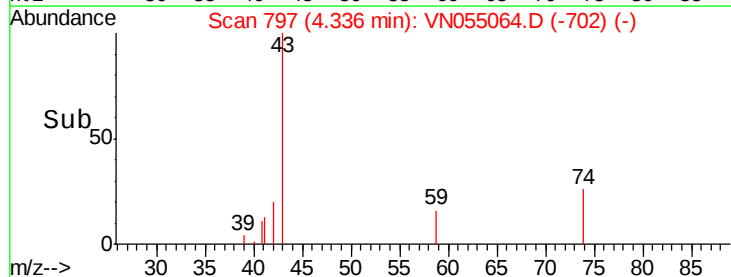
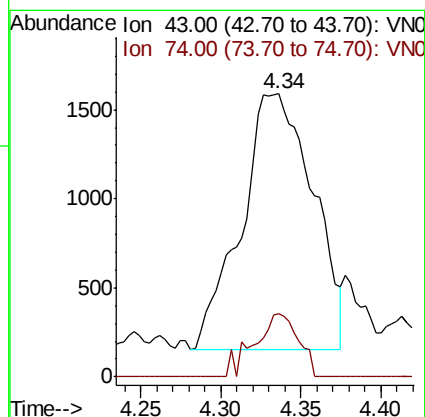
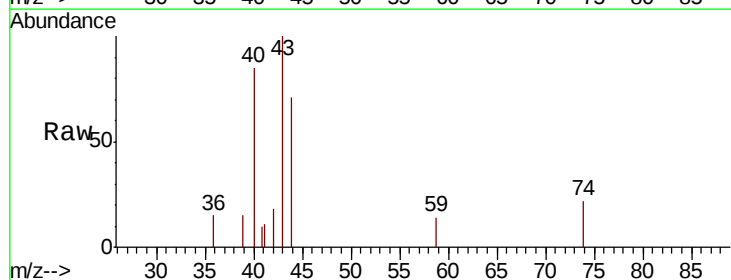
Acq: 16 Apr 2019 00:51

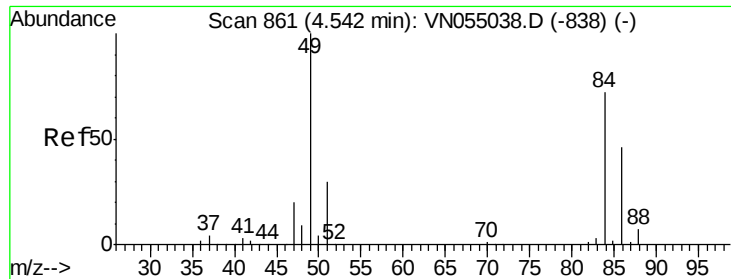
Tgt Ion: 43 Resp: 4441

Ion Ratio Lower Upper

43 100

74 15.1 16.1 24.1#

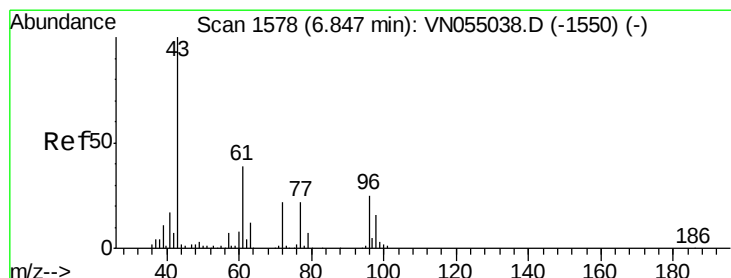
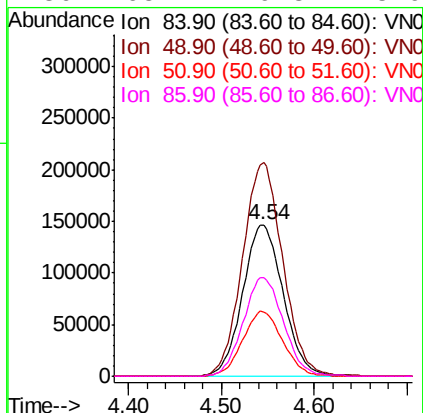
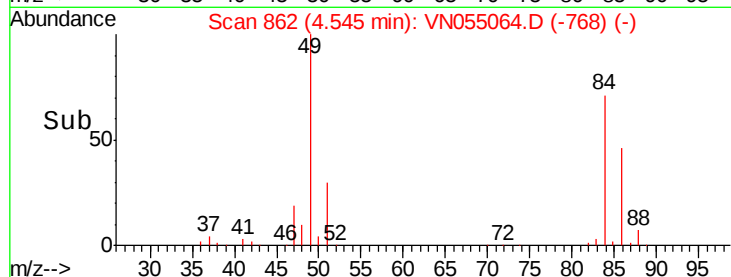
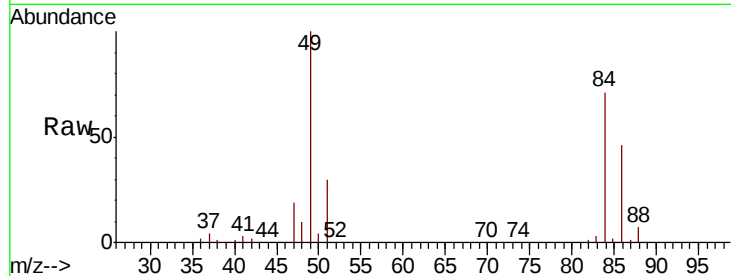




#20  
Methylene Chloride  
Concen: 66.367 ug/l  
RT: 4.54 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: VN055064.D  
Acq: 16 Apr 2019 00:51

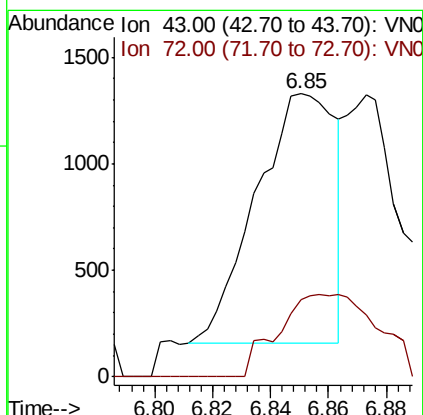
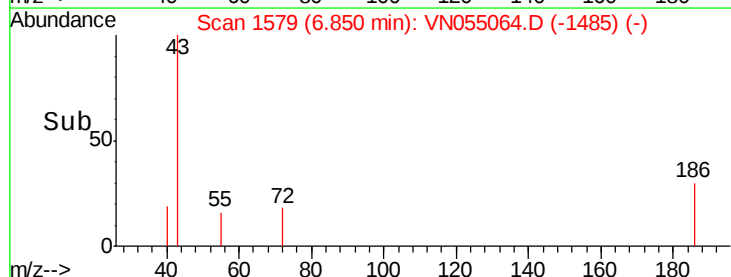
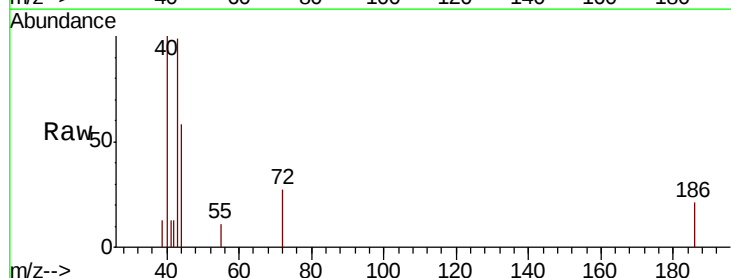
Instrument :  
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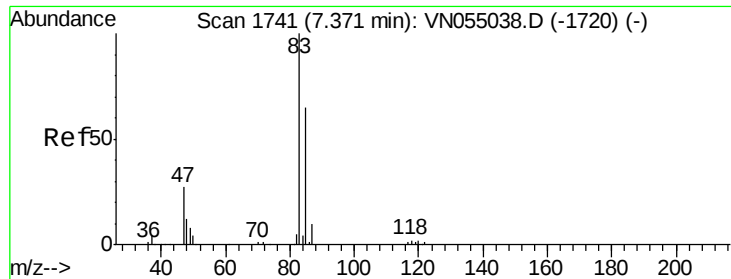
Tot Ion: 84 Resp: 443884  
Ion Ratio Lower Upper  
84 100  
49 141.3 109.4 164.2  
51 42.7 32.2 48.4  
86 65.1 49.3 73.9



#25  
2-Butanone  
Concen: 0.780 ug/l  
RT: 6.85 min Scan# 1579  
Delta R.T. 0.00 min  
Lab File: VN055064.D  
Acq: 16 Apr 2019 00:51

Tgt Ion: 43 Resp: 2216  
Ion Ratio Lower Upper  
43 100  
72 31.1 18.1 27.1#

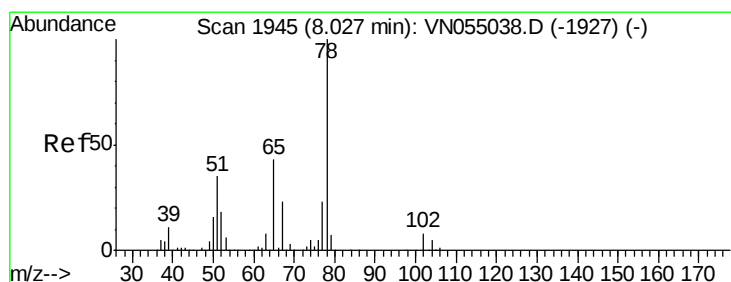
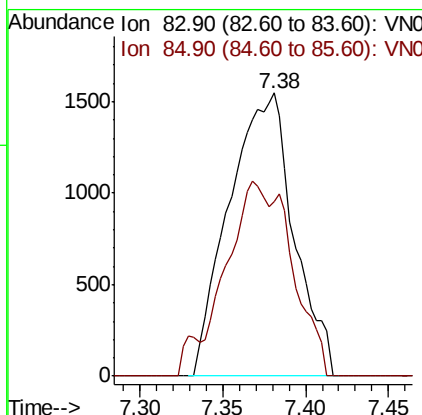
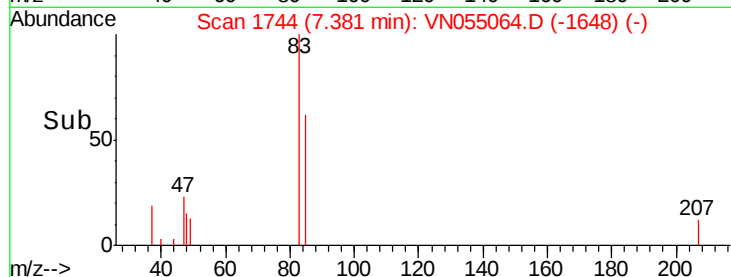
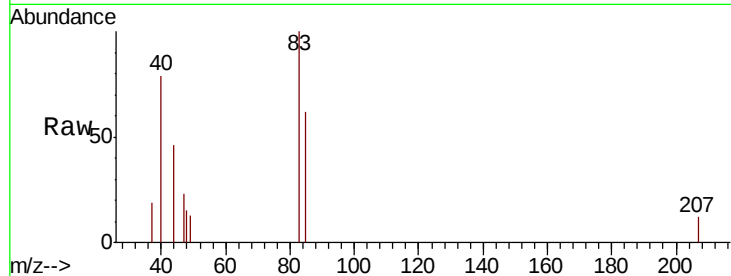




#30  
Chloroform  
Concen: 0.385 ug/l  
RT: 7.38 min Scan# 1744  
Delta R.T. 0.01 min  
Lab File: VN055064.D  
Acq: 16 Apr 2019 00:51

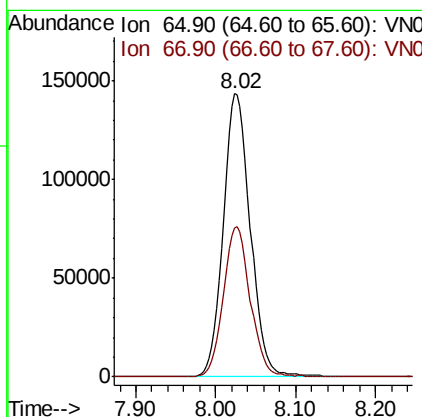
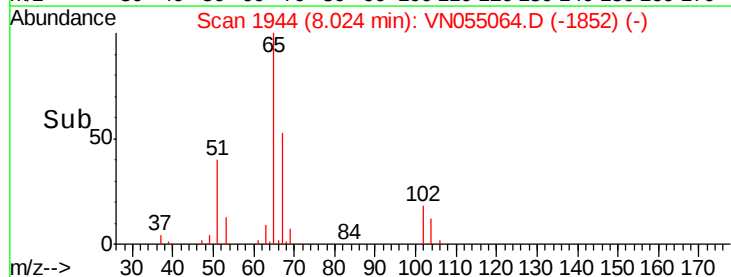
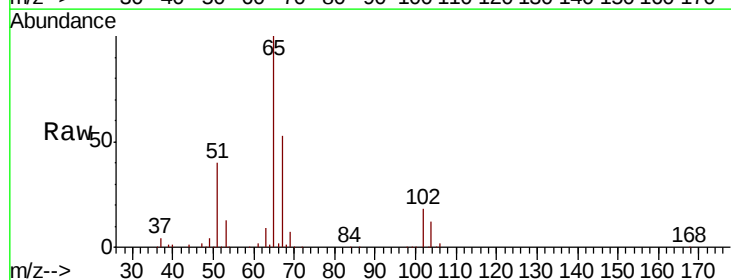
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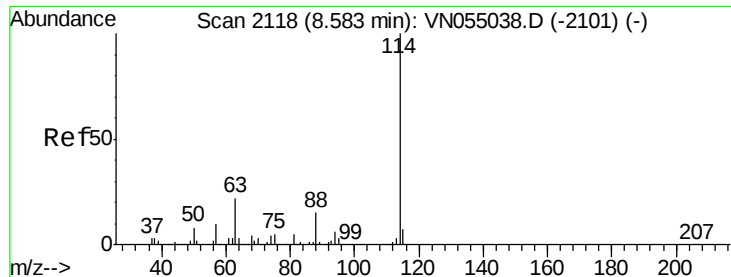
Tot Ion: 83 Resp: 4199  
Ion Ratio Lower Upper  
83 100  
85 61.5 51.8 77.6



#33  
1,2-Dichloroethane-d4  
Concen: 47.442 ug/l  
RT: 8.02 min Scan# 1944  
Delta R.T. -0.00 min  
Lab File: VN055064.D  
Acq: 16 Apr 2019 00:51

Tgt Ion: 65 Resp: 332566  
Ion Ratio Lower Upper  
65 100  
67 52.7 0.0 106.4

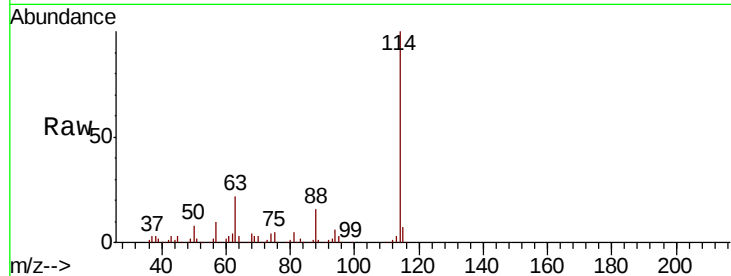




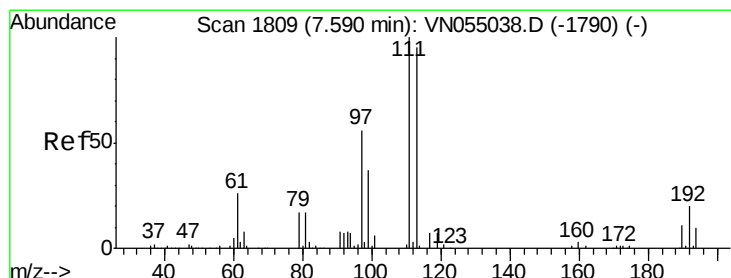
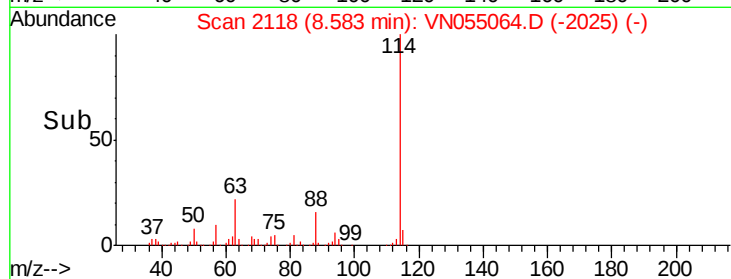
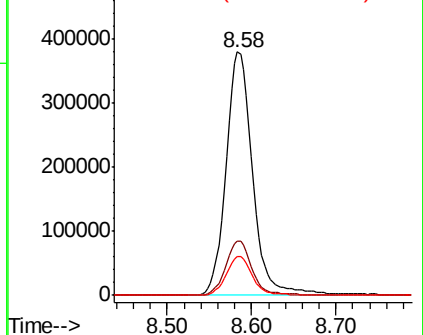
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN055064.D  
 Acq: 16 Apr 2019 00:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-17-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 22.4  | 0.0   | 45.2  |
| 88      | 15.8  | 0.0   | 31.8  |

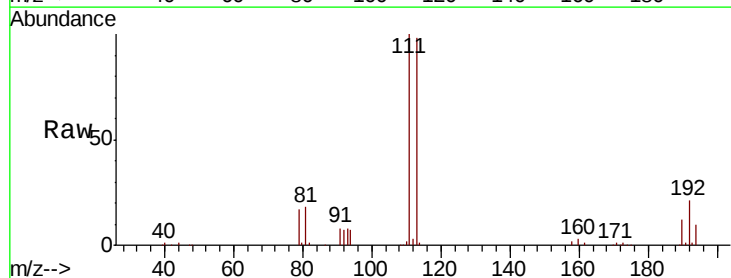


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VN  
 Ion 87.90 (87.60 to 88.60): VN

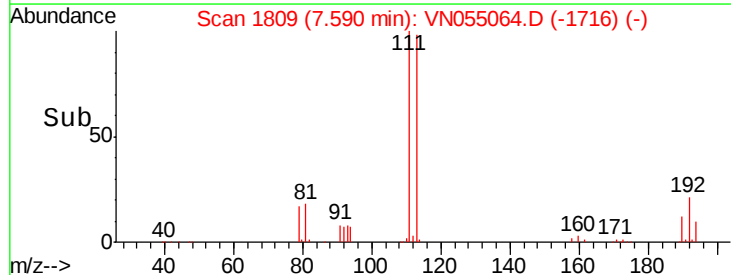
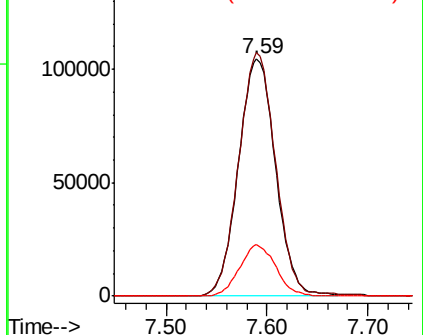


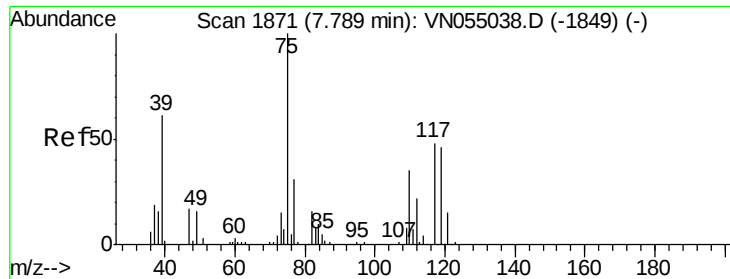
#35  
 Dibromofluoromethane  
 Concen: 48.079 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. 0.00 min  
 Lab File: VN055064.D  
 Acq: 16 Apr 2019 00:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.3 | 82.1  | 123.1 |
| 192     | 21.2  | 16.5  | 24.7  |



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

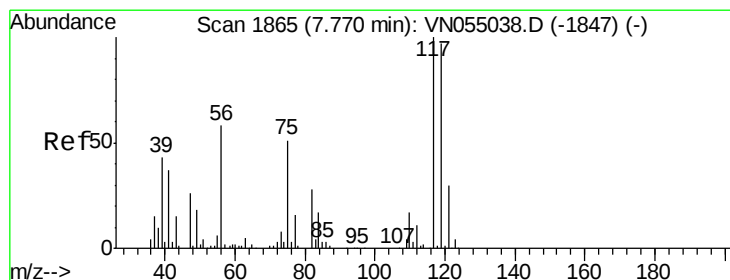
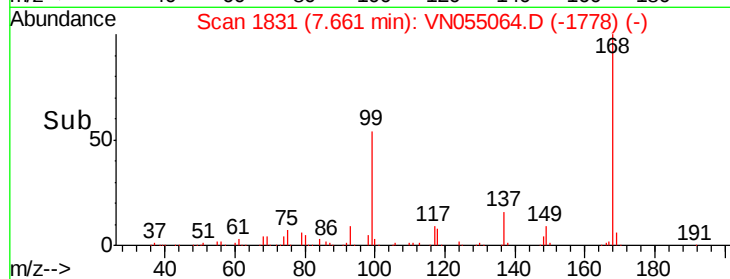
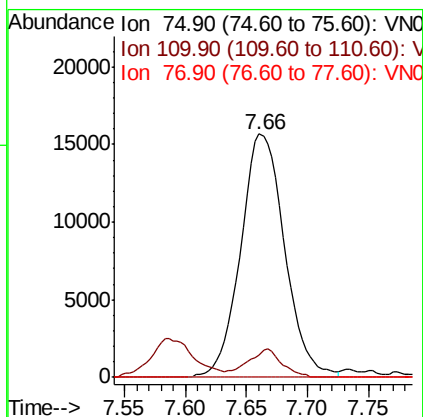
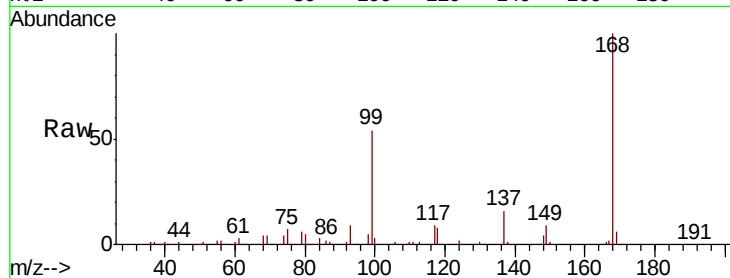




#36  
 1,1-Dichloropropene  
 Concen: 4.995 ug/l  
 RT: 7.66 min Scan# 1831  
 Delta R.T. -0.13 min  
 Lab File: VN055064.D  
 Acq: 16 Apr 2019 00:51

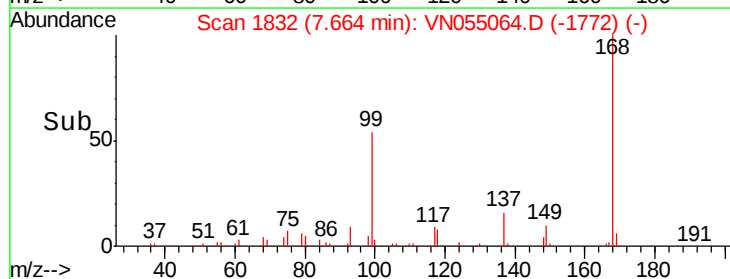
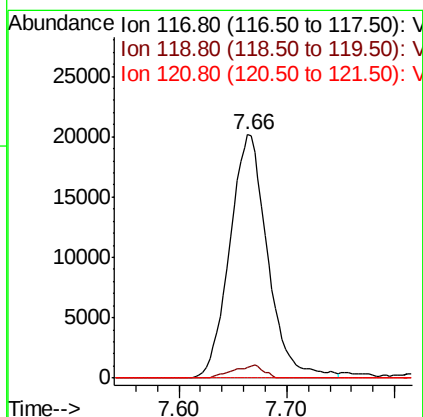
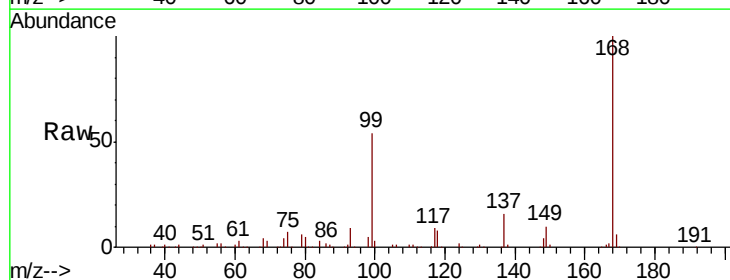
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-17-S

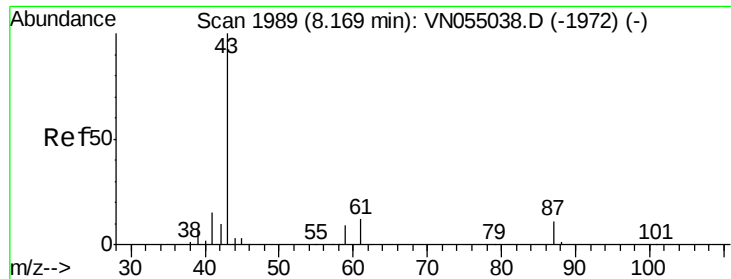
Tot Ion: 75 Resp: 39133  
 Ion Ratio Lower Upper  
 75 100  
 110 8.6 17.5 52.5#  
 77 0.0 24.9 37.3#



#38  
 Carbon Tetrachloride  
 Concen: 6.633 ug/l  
 RT: 7.66 min Scan# 1832  
 Delta R.T. -0.11 min  
 Lab File: VN055064.D  
 Acq: 16 Apr 2019 00:51

Tgt Ion: 117 Resp: 49440  
 Ion Ratio Lower Upper  
 117 100  
 119 4.3 76.3 114.5#  
 121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 1.637 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN055064.D

Acq: 16 Apr 2019 00:51

Instrument :

MSVOA\_N

ClientSampleId :

TP-17-S

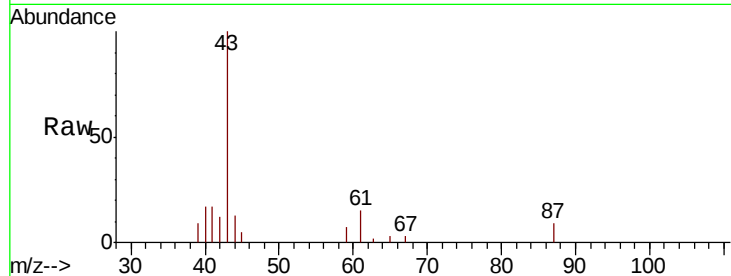
Tot Ion: 43 Resp: 16088

Ion Ratio Lower Upper

43 100

61 17.6 14.3 21.5

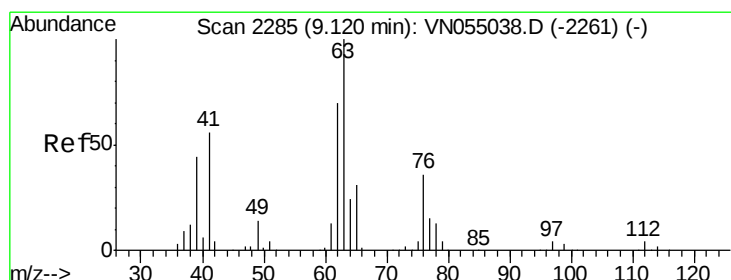
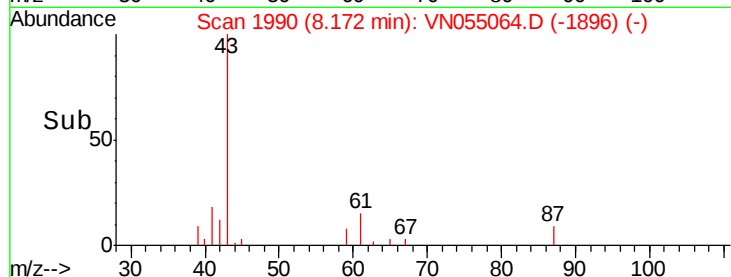
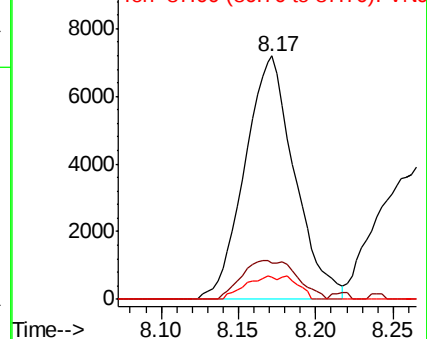
87 6.1 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-1972) (-)

Ion 61.00 (60.70 to 61.70): VN055038.D (-1972) (-)

Ion 87.00 (86.70 to 87.70): VN055038.D (-1972) (-)



#45

1,2-Dichloropropane

Concen: 0.230 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN055064.D

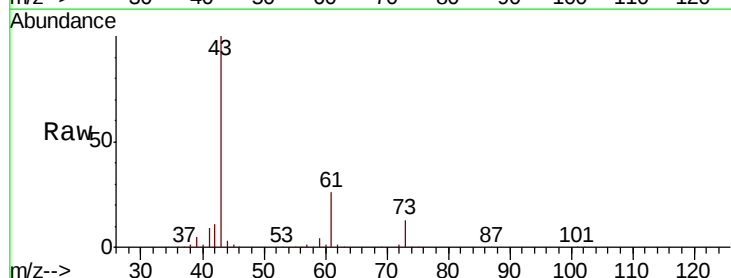
Acq: 16 Apr 2019 00:51

Tgt Ion: 63 Resp: 1516

Ion Ratio Lower Upper

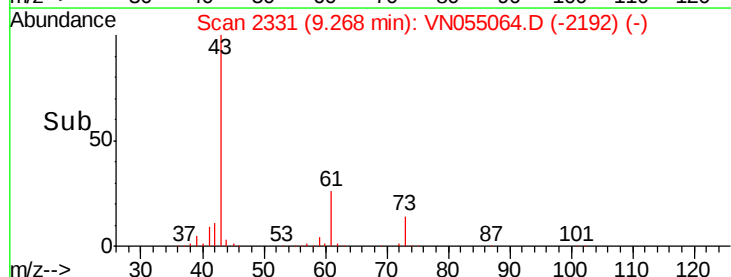
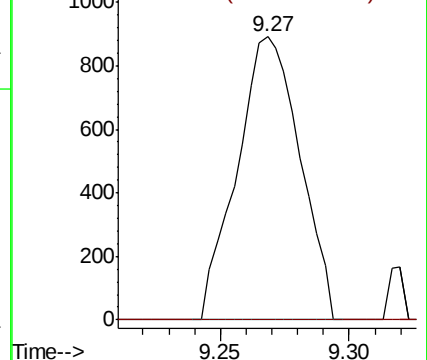
63 100

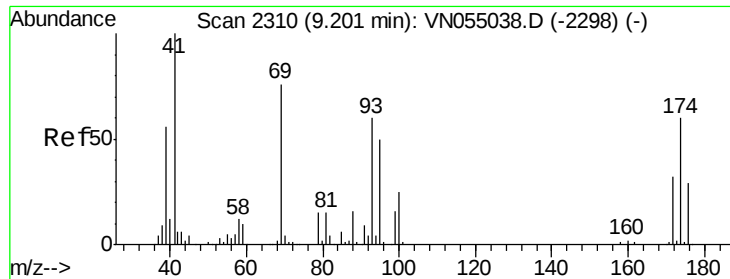
65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN055038.D (-2261) (-)

Ion 64.90 (64.60 to 65.60): VN055038.D (-2261) (-)

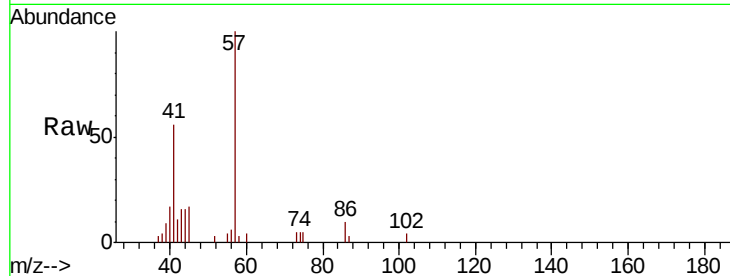




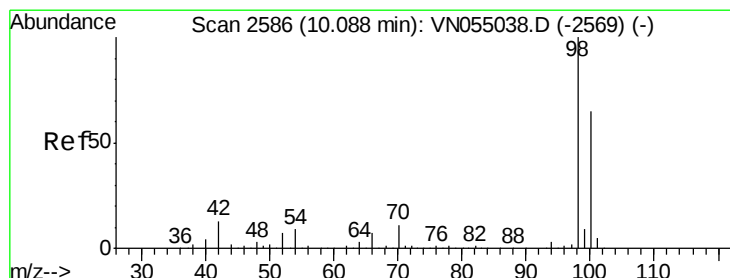
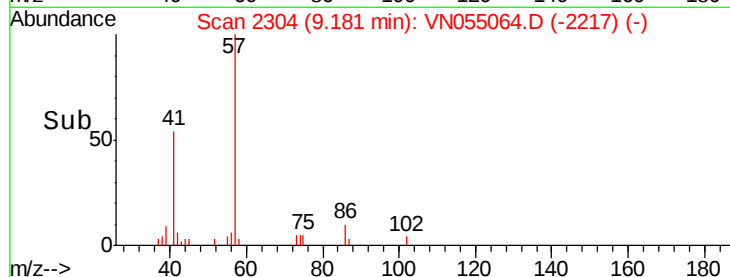
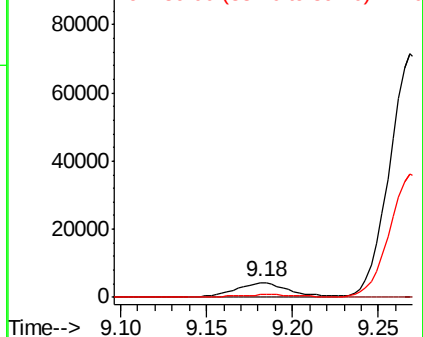
#48  
Methvl methacrylate  
Concen: 1.688 ug/l  
RT: 9.18 min Scan# 2304  
Delta R.T. -0.02 min  
Lab File: VN055064.D  
Acq: 16 Apr 2019 00:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-17-S

Tot Ion: 41 Resp: 8225  
Ion Ratio Lower Upper  
41 100  
69 0.0 60.5 90.7#  
39 26.2 43.9 65.9#

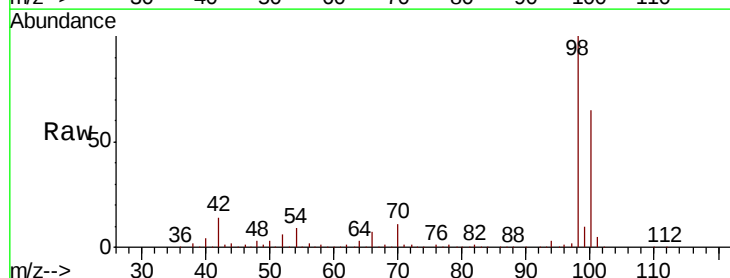


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0

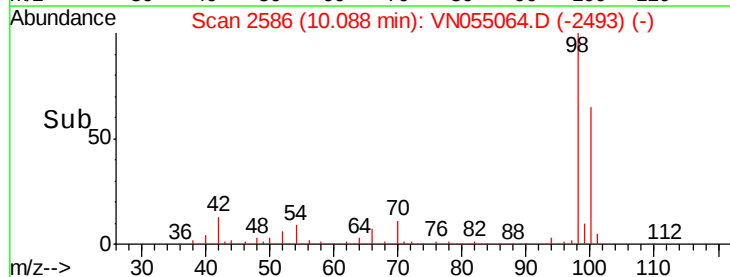
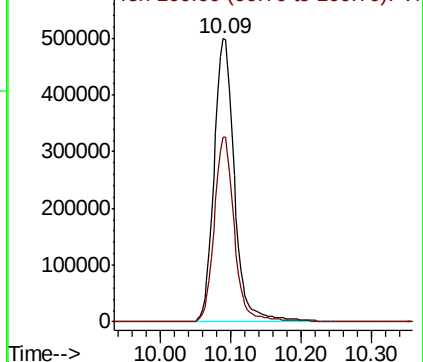


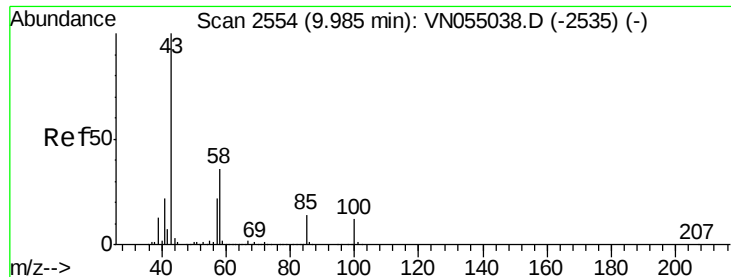
#50  
Toluene-d8  
Concen: 50.599 ug/l  
RT: 10.09 min Scan# 2586  
Delta R.T. 0.00 min  
Lab File: VN055064.D  
Acq: 16 Apr 2019 00:51

Tgt Ion: 98 Resp: 1005830  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.1 76.7



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

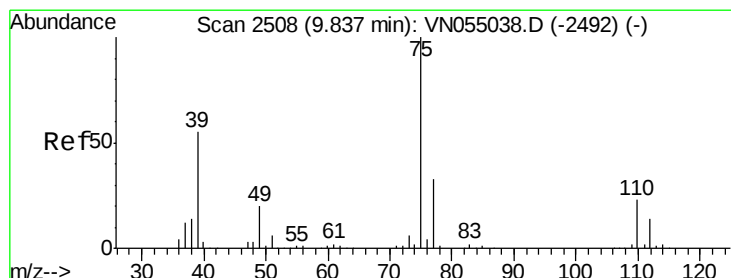
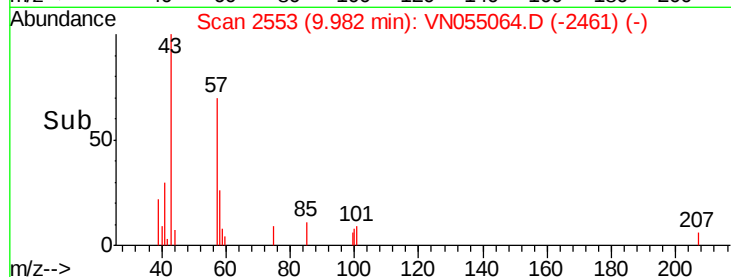
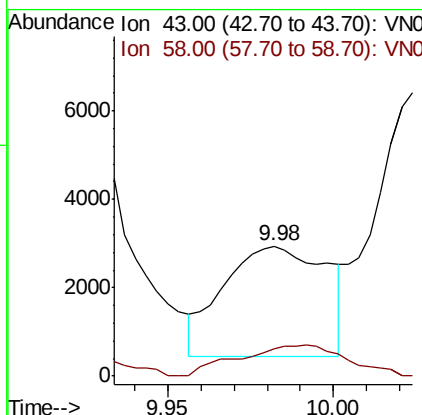
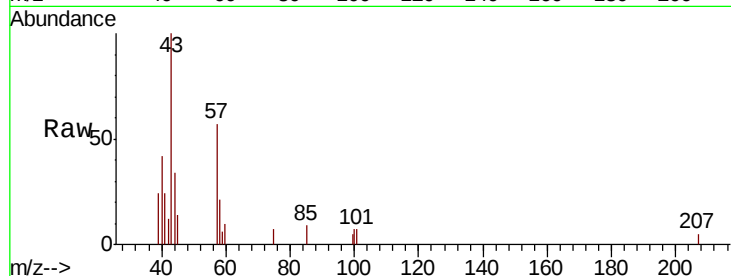




#51  
 4-Methyl-2-Pentanone  
 Concen: 0.948 ug/l  
 RT: 9.98 min Scan# 2553  
 Delta R.T. -0.00 min  
 Lab File: VN055064.D  
 Acq: 16 Apr 2019 00:51

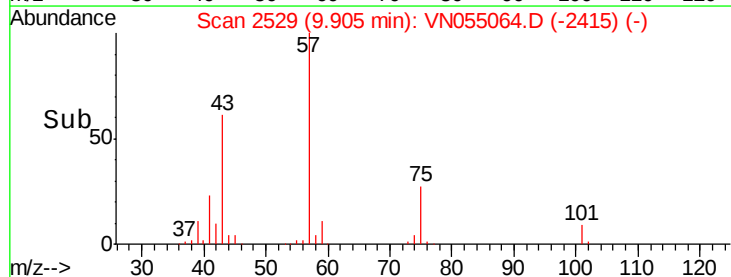
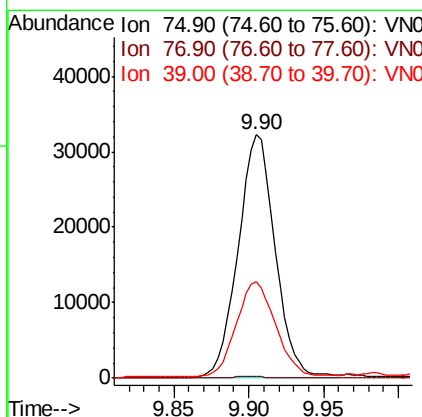
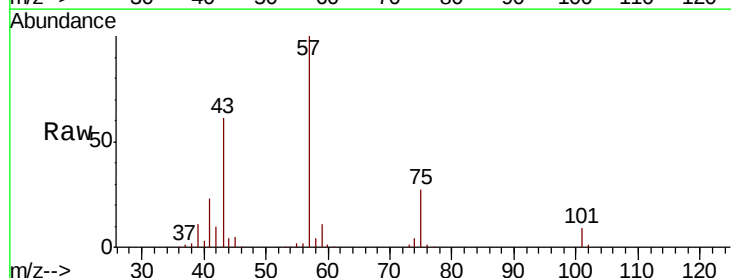
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 TP-17-S

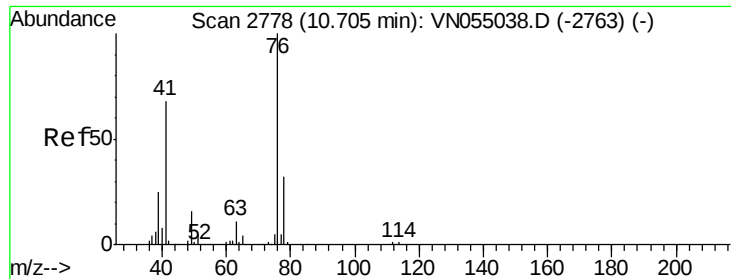
Tot Ion: 43 Resp: 5385  
 Ion Ratio Lower Upper  
 43 100  
 58 29.7 29.0 43.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 6.656 ug/l  
 RT: 9.90 min Scan# 2529  
 Delta R.T. 0.07 min  
 Lab File: VN055064.D  
 Acq: 16 Apr 2019 00:51

Tgt Ion: 75 Resp: 55786  
 Ion Ratio Lower Upper  
 75 100  
 77 0.7 25.8 38.6#  
 39 38.8 43.8 65.8#





#57

1,3-Dichloropropane

Concen: 1.170 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055064.D

Acq: 16 Apr 2019 00:51

Instrument :

MSVOA\_N

ClientSampleId :

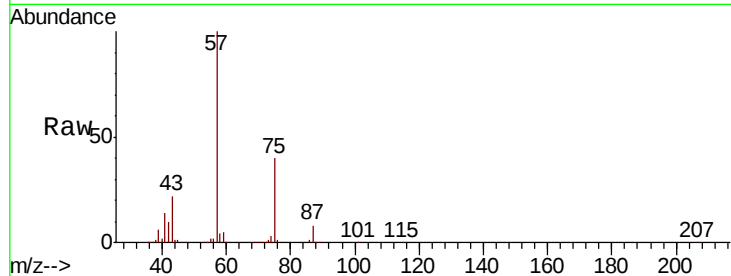
TP-17-S

Tot Ion: 76 Resp: 10375

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.76

8000

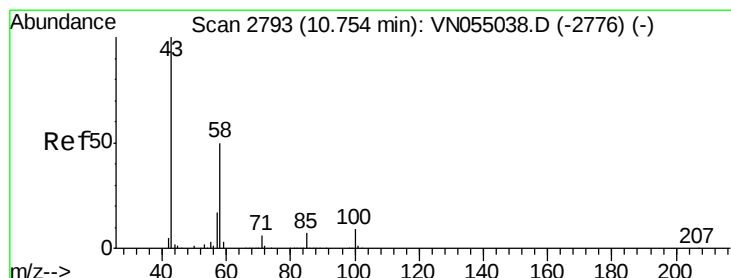
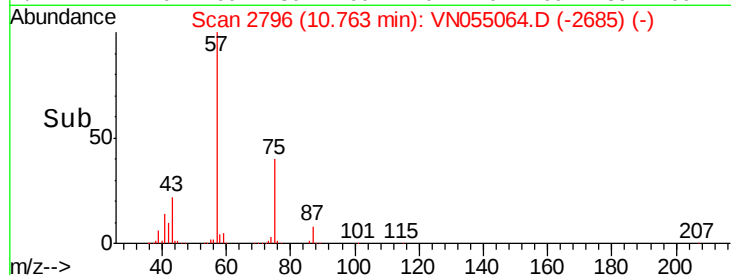
6000

4000

2000

0

Time--> 10.70 10.75 10.80



#59

2-Hexanone

Concen: 50.289 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055064.D

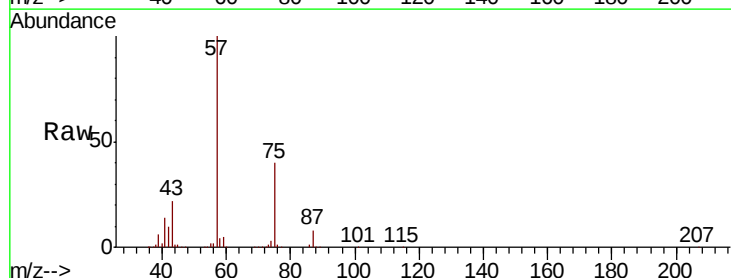
Acq: 16 Apr 2019 00:51

Tgt Ion: 43 Resp: 179339

Ion Ratio Lower Upper

43 100

58 18.3 25.1 75.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.76

120000

100000

80000

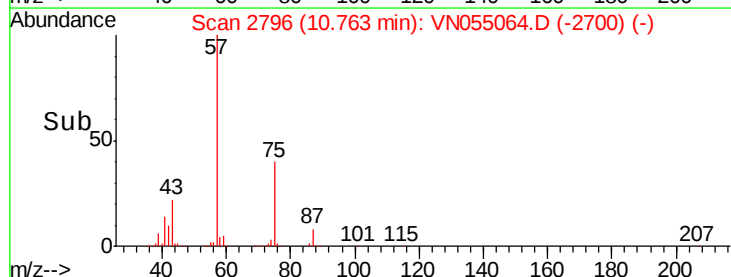
60000

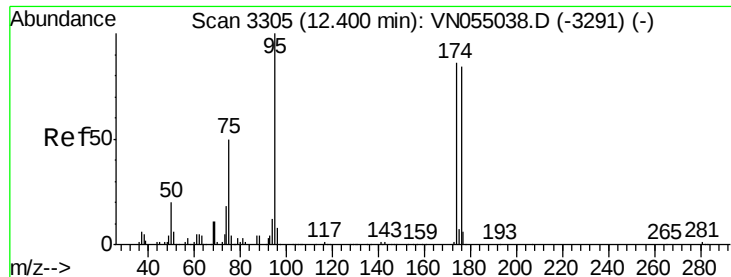
40000

20000

0

Time--> 10.70 10.75 10.80

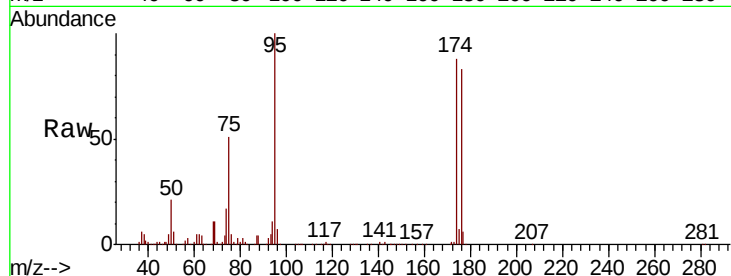




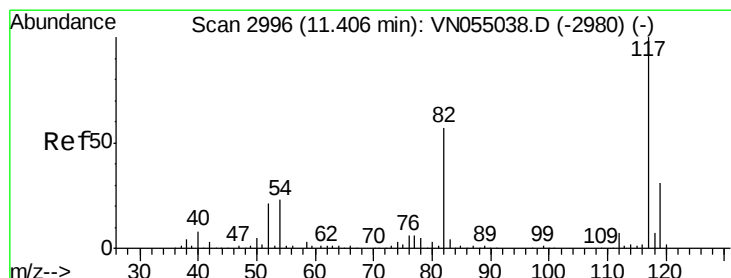
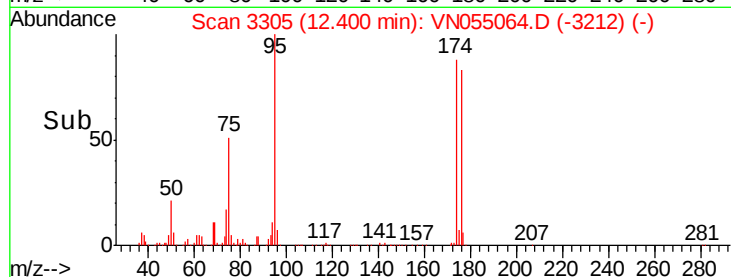
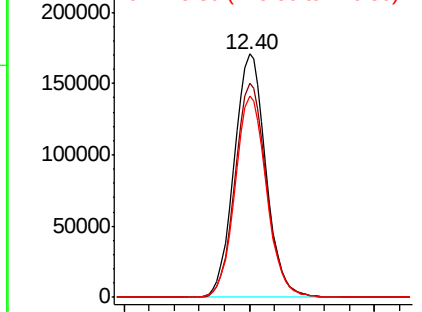
#62  
4-Bromofluorobenzene  
Concen: 46.471 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.00 min  
Lab File: VN055064.D  
Acq: 16 Apr 2019 00:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-17-S

Tot Ion: 95 Resp: 300319  
Ion Ratio Lower Upper  
95 100  
174 87.4 0.0 174.4  
176 82.1 0.0 166.8

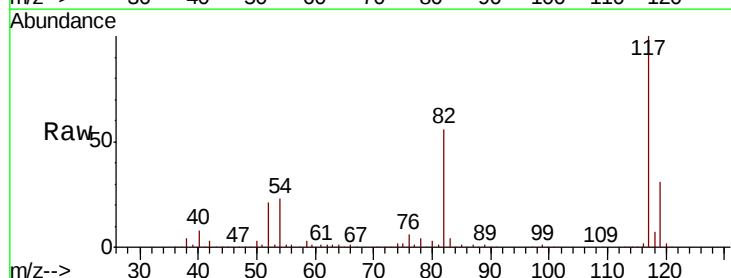


Abundance Ion 94.90 (94.60 to 95.60): VN055038.D (-3291) (-)  
Ion 173.80 (173.50 to 174.50): VN055038.D (-3291) (-)  
Ion 175.80 (175.50 to 176.50): VN055038.D (-3291) (-)

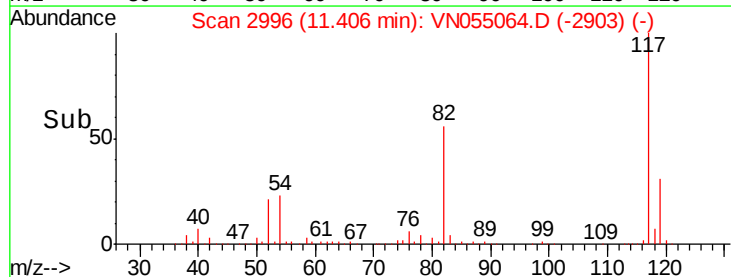
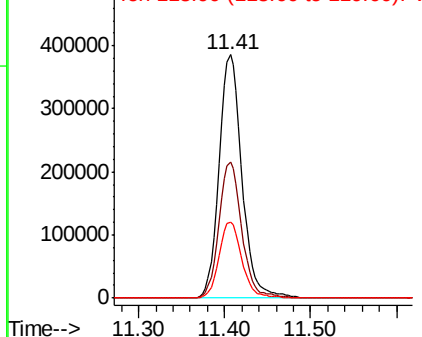


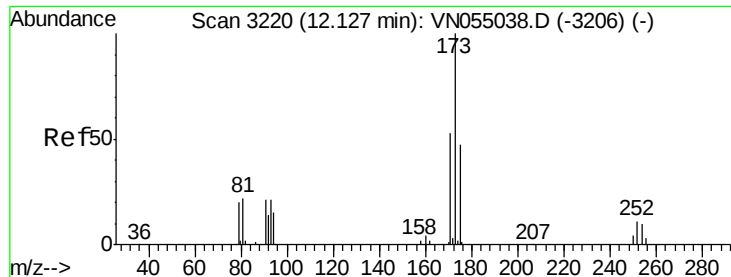
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN055064.D  
Acq: 16 Apr 2019 00:51

Tgt Ion: 117 Resp: 715553  
Ion Ratio Lower Upper  
117 100  
82 55.7 44.6 66.8  
119 31.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN055038.D (-2980) (-)  
Ion 82.00 (81.70 to 82.70): VN055038.D (-2980) (-)  
Ion 118.90 (118.60 to 119.60): VN055038.D (-2980) (-)





#71

Bromoform

Concen: 0.464 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055064.D

Acq: 16 Apr 2019 00:51

Instrument :

MSVOA\_N

ClientSampleId :

TP-17-S

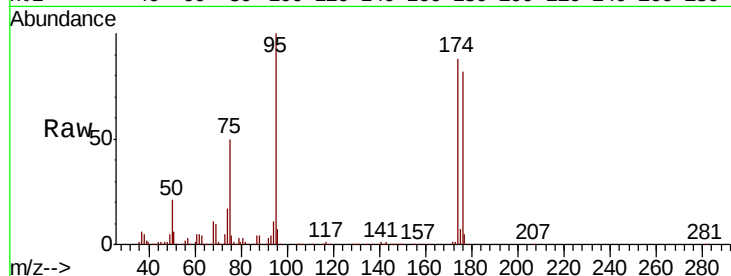
Tot Ion:173 Resp: 1408

Ion Ratio Lower Upper

173 100

175 1246.8 24.3 73.0#

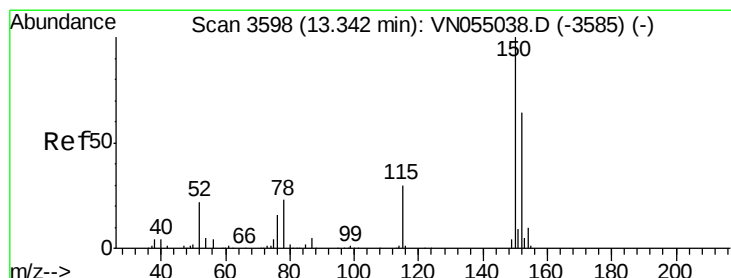
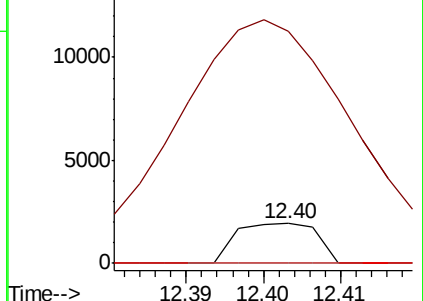
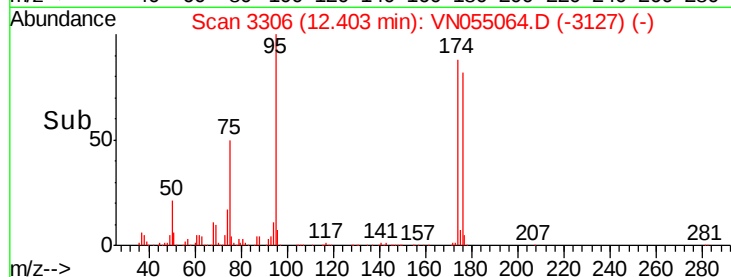
254 0.0 0.1 0.1#



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: VN055064.D

Acq: 16 Apr 2019 00:51

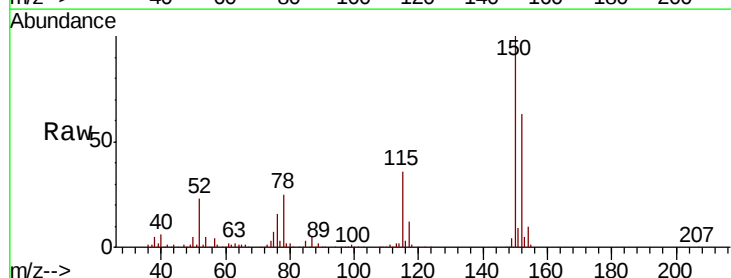
Tgt Ion:152 Resp: 239535

Ion Ratio Lower Upper

152 100

115 56.8 28.5 85.6

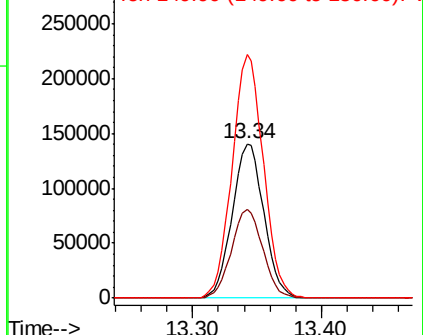
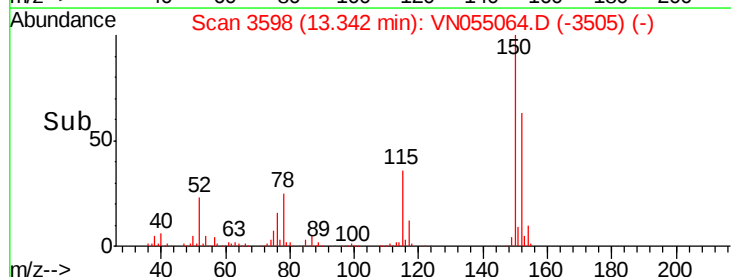
150 155.7 0.0 347.2

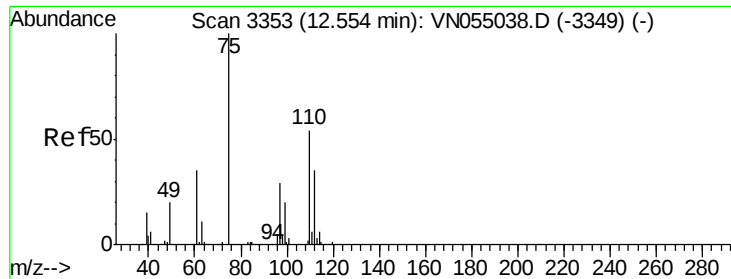


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

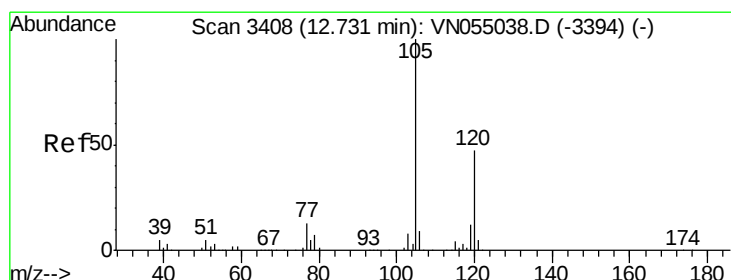
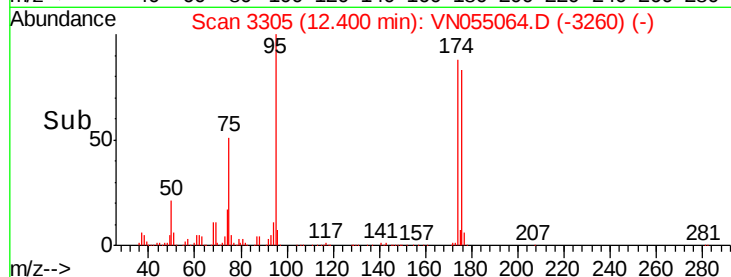
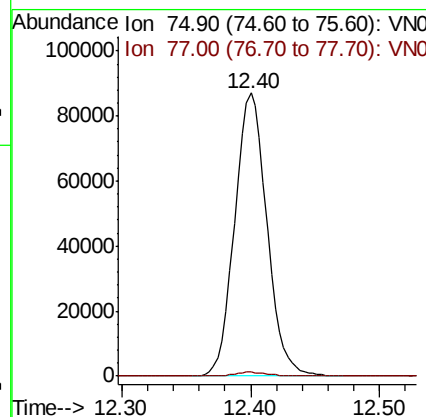
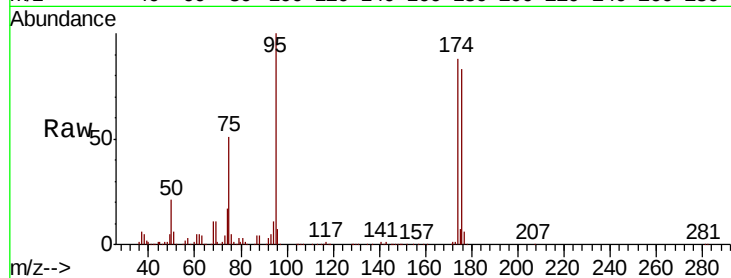




#76  
 1,2,3-Trichloropropane  
 Concen: 35.011 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.15 min  
 Lab File: VN055064.D  
 Acq: 16 Apr 2019 00:51

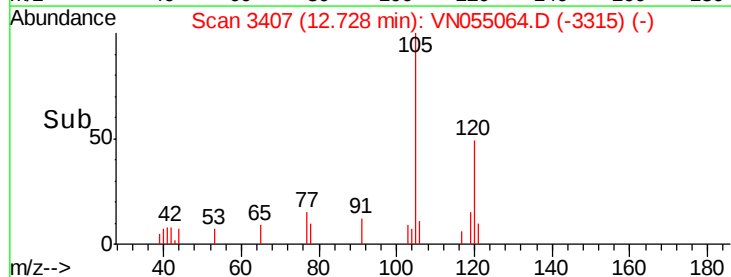
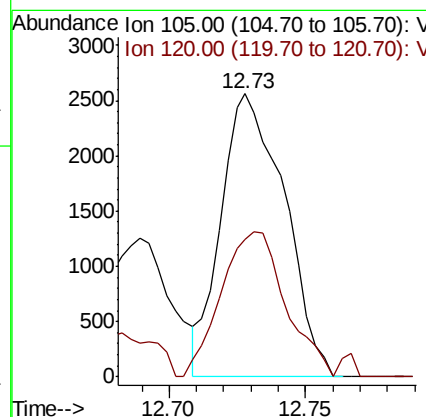
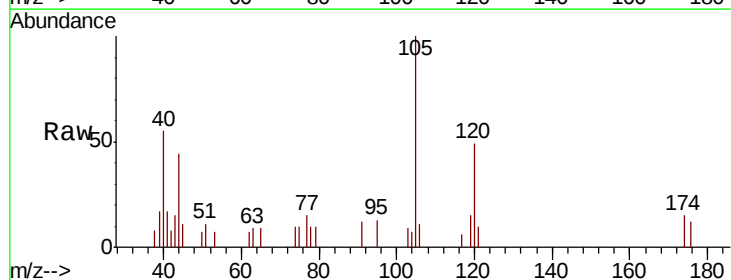
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-17-S

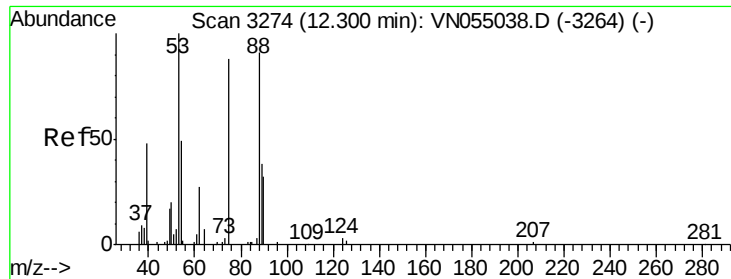
Tot Ion: 75 Resp: 150809  
 Ion Ratio Lower Upper  
 75 100  
 77 1.3 0.0 0.0#



#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.241 ug/l  
 RT: 12.73 min Scan# 3407  
 Delta R.T. -0.00 min  
 Lab File: VN055064.D  
 Acq: 16 Apr 2019 00:51

Tgt Ion: 105 Resp: 4133  
 Ion Ratio Lower Upper  
 105 100  
 120 52.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 140.006 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055064.D

Acq: 16 Apr 2019 00:51

Instrument :

MSVOA\_N

ClientSampled :

TP-17-S

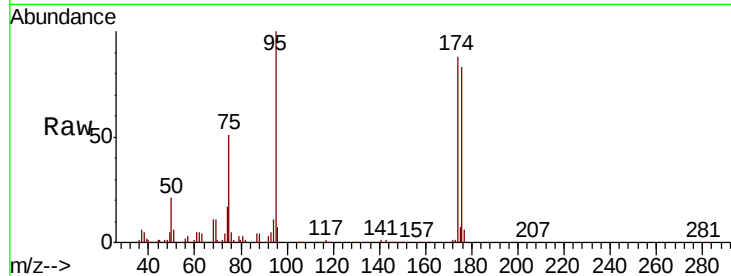
Tot Ion: 75 Resp: 150809

Ion Ratio Lower Upper

75 100

53 0.0 96.3 144.5#

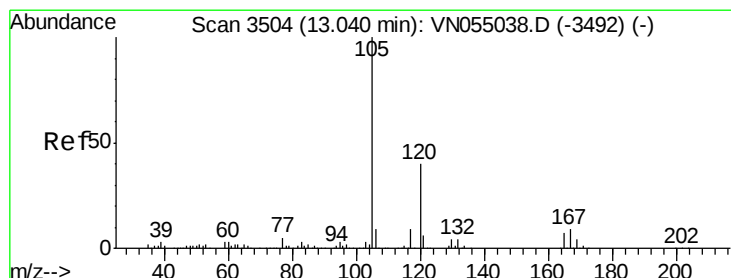
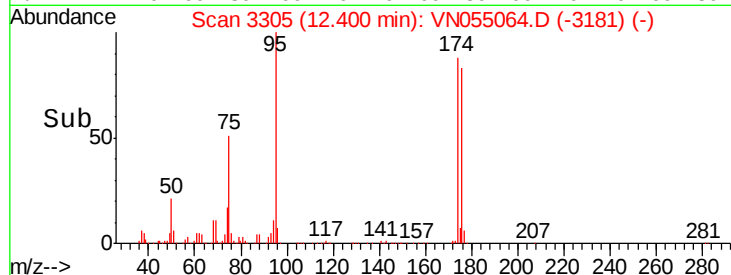
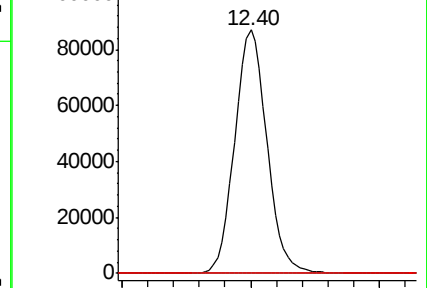
89 0.0 38.6 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VN055064.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN055064.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN055064.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.542 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055064.D

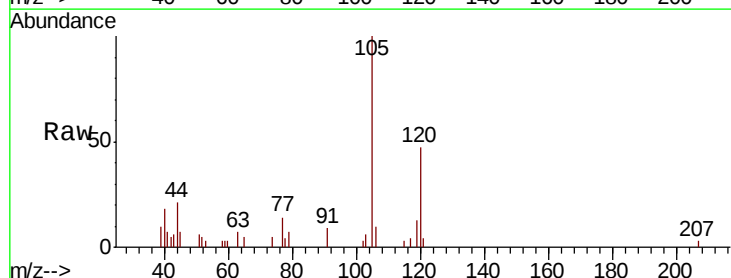
Acq: 16 Apr 2019 00:51

Tgt Ion: 105 Resp: 8809

Ion Ratio Lower Upper

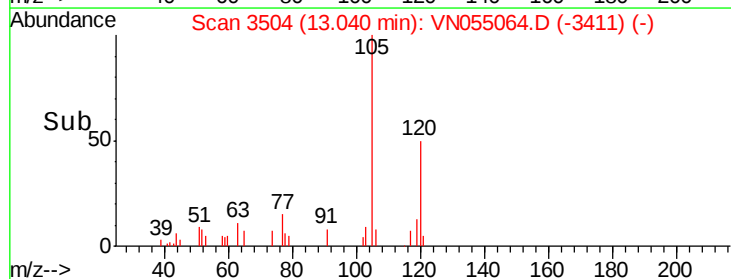
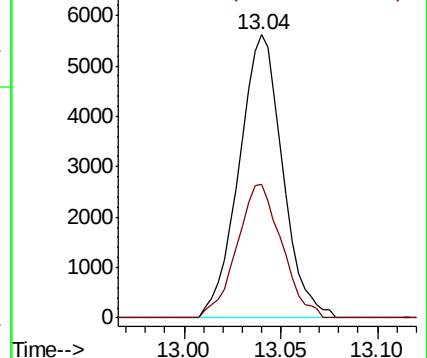
105 100

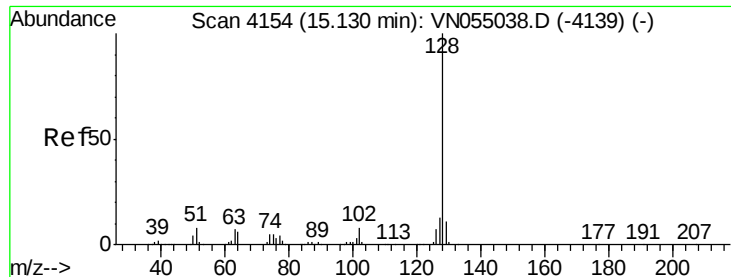
120 48.4 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): VN055064.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN055064.D (-3411) (-)





#95  
Naphthalene  
Concen: 4.260 ug/l  
RT: 15.13 min Scan# 4155  
Delta R.T. 0.00 min  
Lab File: VN055064.D  
Acq: 16 Apr 2019 00:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-17-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 11.9  | 10.1  | 15.1  |
| 129     | 10.5  | 8.8   | 13.2  |

