

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\  
 Data File : VN056260.D  
 Acq On : 12 Jun 2019 19:48  
 Operator : JC/SP  
 Sample : K3315-15  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE125D3-20190610

Quant Time: Jun 13 04:35:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N060419W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 04 11:02:09 2019  
 Response via : Initial Calibration

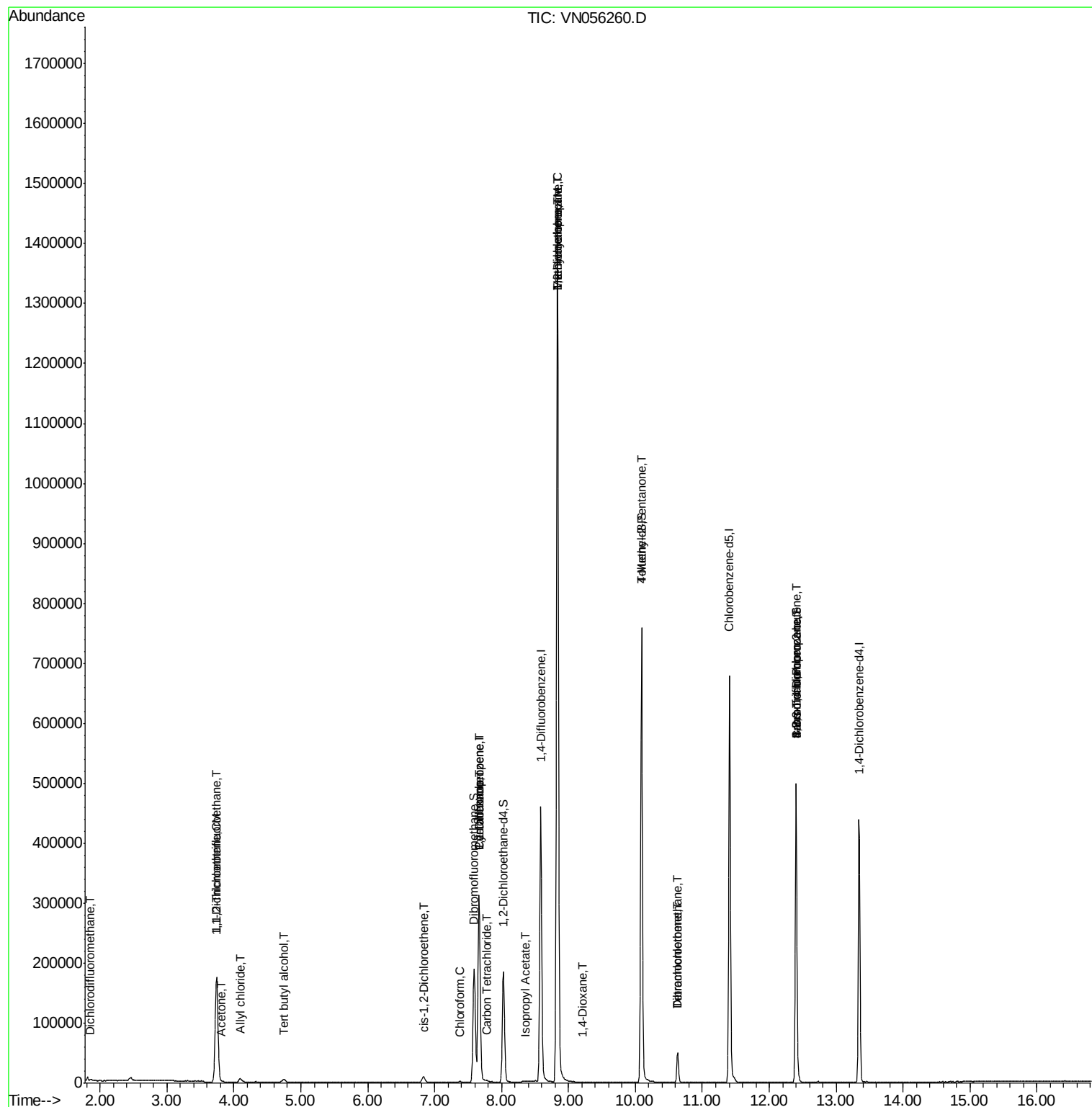
| Internal Standards             | R.T.  | QIon | Response | Conc      | Units   | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|---------|----------|
| 1) Pentafluorobenzene          | 7.67  | 168  | 304528   | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 8.59  | 114  | 457642   | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 11.41 | 117  | 445559   | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 13.35 | 152  | 140166   | 50.00     | ug/l    | 0.00     |
| System Monitoring Compounds    |       |      |          |           |         |          |
| 33) 1,2-Dichloroethane-d4      | 8.03  | 65   | 154090   | 50.96     | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =         | 101.92% |          |
| 35) Dibromofluoromethane       | 7.59  | 113  | 144381   | 51.42     | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =         | 102.84% |          |
| 50) Toluene-d8                 | 10.09 | 98   | 565510   | 52.34     | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =         | 104.68% |          |
| 62) 4-Bromofluorobenzene       | 12.40 | 95   | 175116   | 47.66     | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =         | 95.32%  |          |
| Target Compounds               |       |      |          |           |         |          |
|                                |       |      |          |           | Qvalue  |          |
| 2) Dichlorodifluoromethane     | 1.85  | 85   | 793      | 0.590     | ug/l    | 99       |
| 9) 1,1,2-Trichlorotrifluoroet  | 3.74  | 101  | 108118   | 42.104    | ug/l    | 97       |
| 11) Tert butyl alcohol         | 4.74  | 59   | 4739     | 9.006     | ug/l #  | 74       |
| 12) 1,1-Dichloroethene         | 3.73  | 96   | 1847     | 0.722     | ug/l #  | 73       |
| 14) Allyl chloride             | 4.09  | 41   | 1185     | 0.294     | ug/l #  | 65       |
| 16) Acetone                    | 3.82  | 43   | 2583     | 1.786     | ug/l    | 98       |
| 18) Methyl Acetate             | 4.33  | 43   | 843      | Below Cal | #       | 66       |
| 27) cis-1,2-Dichloroethene     | 6.83  | 96   | 5636     | 1.750     | ug/l    | 87       |
| 30) Chloroform                 | 7.38  | 83   | 1623     | 0.335     | ug/l    | 90       |
| 31) Cyclohexane                | 7.67  | 56   | 3891     | 0.811     | ug/l #  | 1        |
| 36) 1,1-Dichloropropene        | 7.66  | 75   | 16725    | 4.250     | ug/l #  | 47       |
| 38) Carbon Tetrachloride       | 7.78  | 117  | 1953     | 0.538     | ug/l #  | 75       |
| 39) Methylcyclohexane          | 8.83  | 83   | 6360     | 1.297     | ug/l #  | 1        |
| 43) Isopropyl Acetate          | 8.35  | 43   | 1724     | 0.304     | ug/l #  | 53       |
| 44) Trichloroethene            | 8.83  | 130  | 604625   | 176.054   | ug/l    | 96       |
| 45) 1,2-Dichloropropane        | 8.84  | 63   | 1005     | 0.328     | ug/l #  | 1        |
| 49) 1,4-Dioxane                | 9.20  | 88   | 297      | 4.956     | ug/l #  | 55       |
| 51) 4-Methyl-2-Pentanone       | 10.09 | 43   | 2121     | 0.598     | ug/l #  | 1        |
| 60) Dibromochloromethane       | 10.63 | 129  | 10730    | 5.592     | ug/l #  | 11       |
| 64) Tetrachloroethene          | 10.63 | 164  | 13226    | 3.429     | ug/l    | 99       |
| 71) Bromoform                  | 12.40 | 173  | 602      | 2.963     | ug/l #  | 1        |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 79661    | 30.887    | ug/l #  | 100      |
| 79) 2-Chlorotoluene            | 12.40 | 91   | 448      | Below Cal | #       | 39       |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 79661    | 102.859   | ug/l #  | 15       |

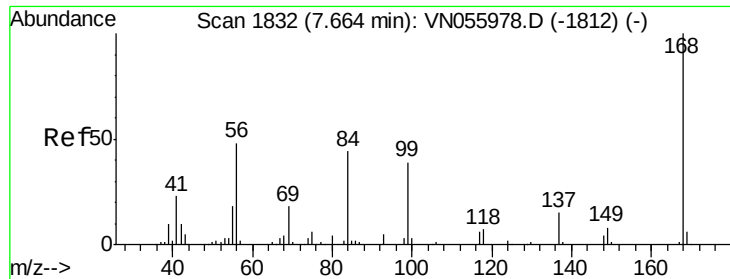
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056260.D

Acq: 12 Jun 2019 19:48

Instrument :

MSVOA\_N

ClientSampleId :

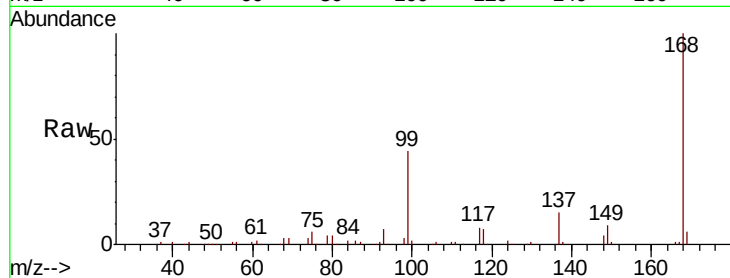
RE125D3-20190610

Tot Ion:168 Resp: 304528

Ion Ratio Lower Upper

168 100

99 44.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

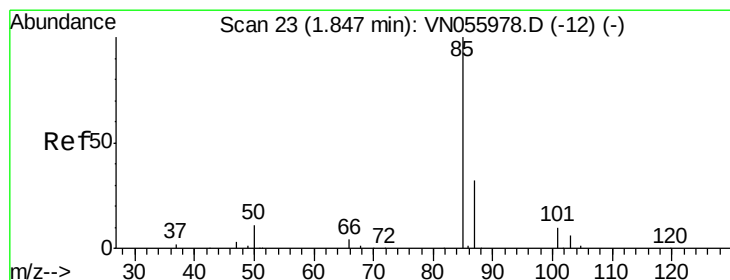
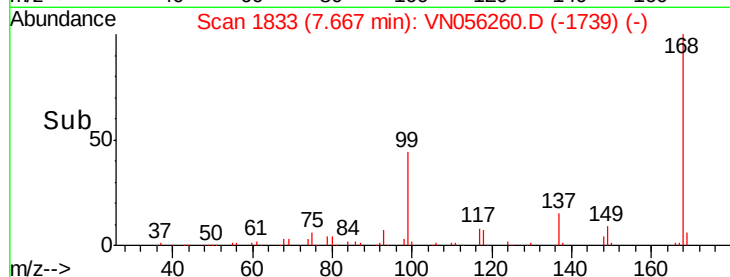
7.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.590 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056260.D

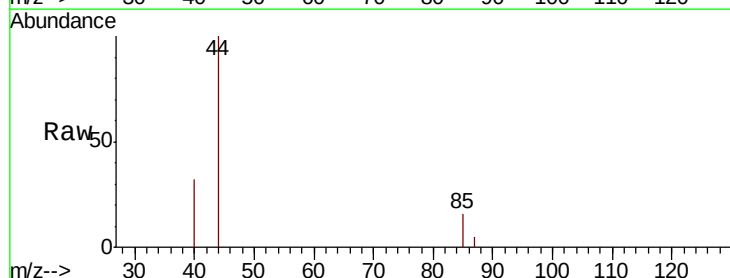
Acq: 12 Jun 2019 19:48

Tgt Ion: 85 Resp: 793

Ion Ratio Lower Upper

85 100

87 31.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

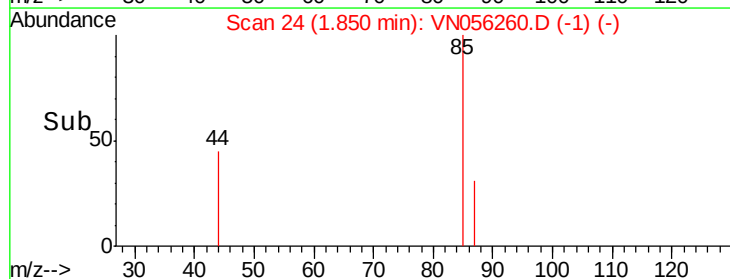
600

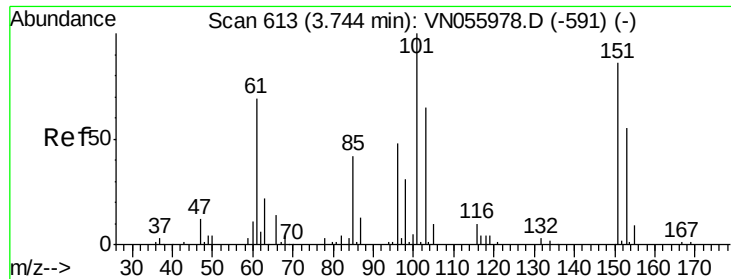
400

200

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.104 ug/l

RT: 3.74 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN056260.D

Acq: 12 Jun 2019 19:48

Instrument :

MSVOA\_N

ClientSampleId :

RE125D3-20190610

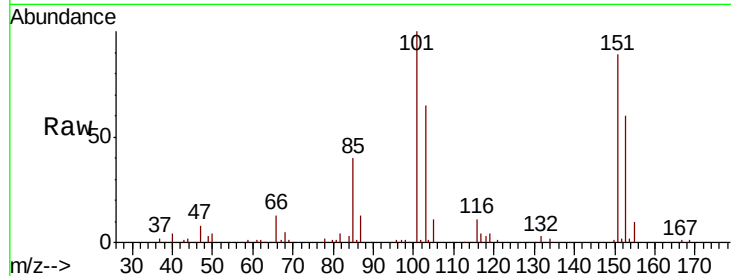
Tot Ion:101 Resp: 108118

Ion Ratio Lower Upper

101 100

85 41.3 33.4 50.2

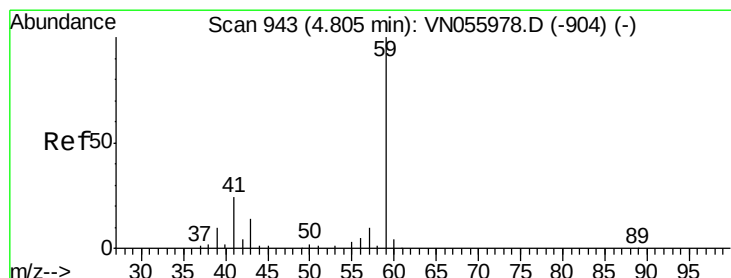
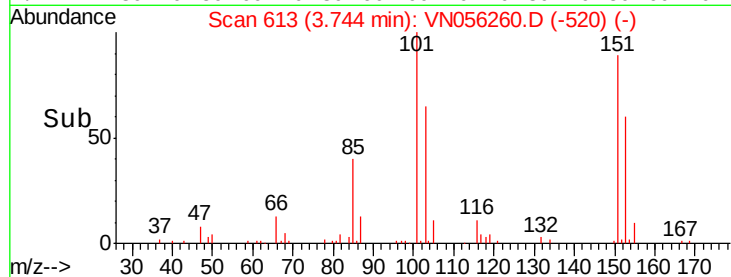
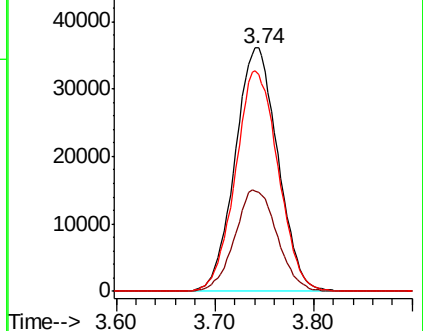
151 90.5 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 9.006 ug/l

RT: 4.74 min Scan# 923

Delta R.T. -0.06 min

Lab File: VN056260.D

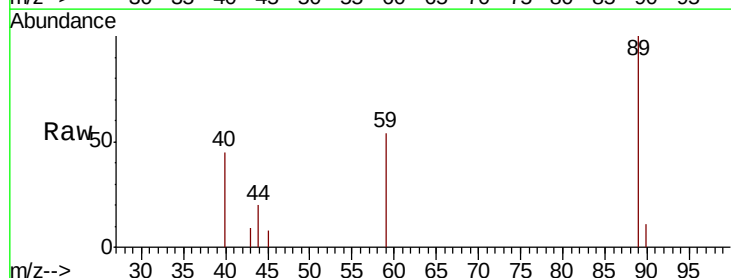
Acq: 12 Jun 2019 19:48

Tgt Ion: 59 Resp: 4739

Ion Ratio Lower Upper

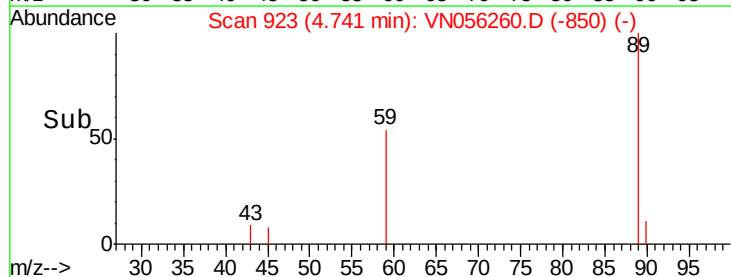
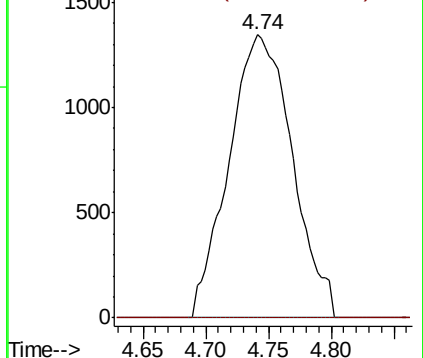
59 100

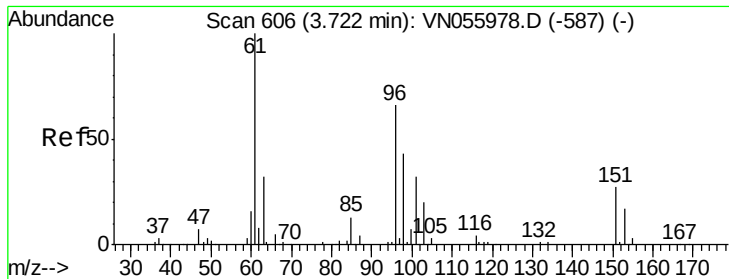
57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#12

1,1-Dichloroethene

Concen: 0.722 ug/l

RT: 3.73 min Scan# 608

Delta R.T. 0.01 min

Lab File: VN056260.D

Acq: 12 Jun 2019 19:48

Instrument :

MSVOA\_N

ClientSampleId :

RE125D3-20190610

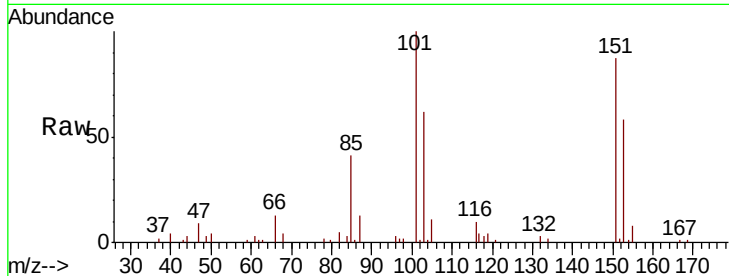
Tot Ion: 96 Resp: 1847

Ion Ratio Lower Upper

96 100

61 111.2 123.2 184.8#

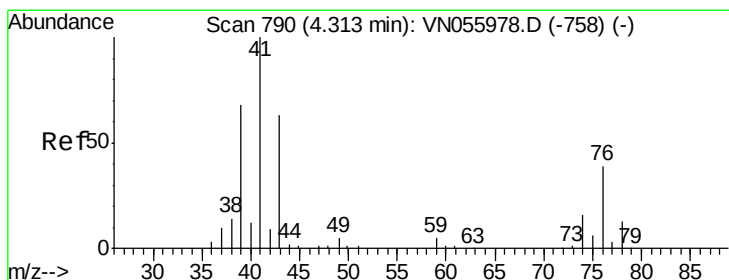
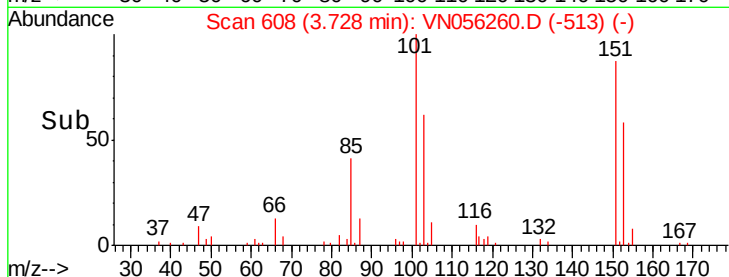
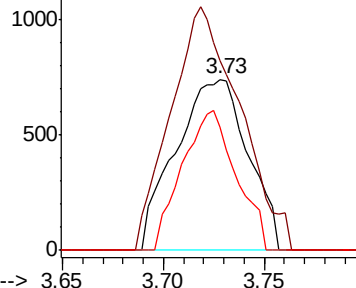
98 72.2 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#14

Allyl chloride

Concen: 0.294 ug/l

RT: 4.09 min Scan# 721

Delta R.T. -0.22 min

Lab File: VN056260.D

Acq: 12 Jun 2019 19:48

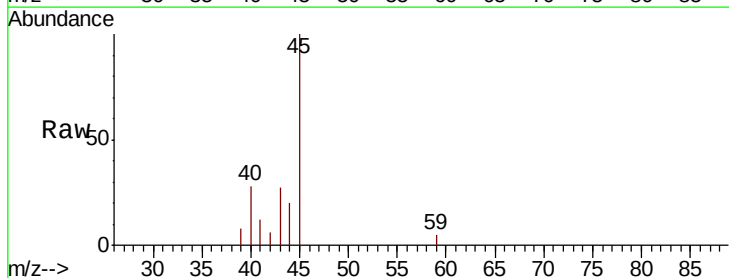
Tgt Ion: 41 Resp: 1185

Ion Ratio Lower Upper

41 100

39 78.2 50.0 75.0#

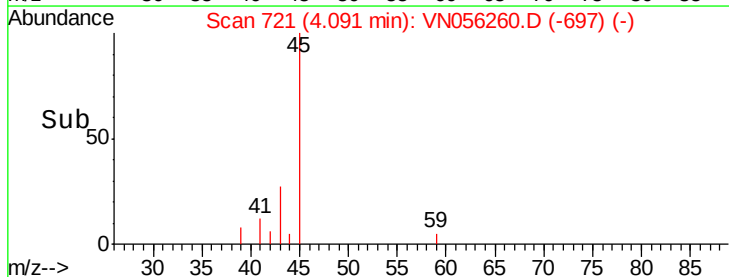
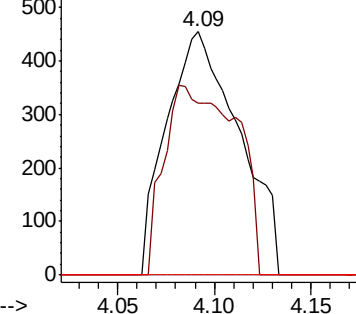
76 0.0 28.2 42.2#

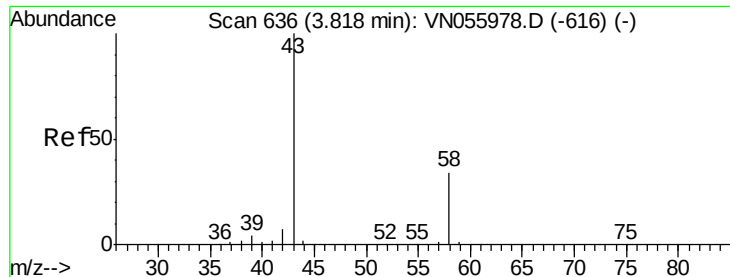


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 1.786 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056260.D

Acq: 12 Jun 2019 19:48

Instrument :

MSVOA\_N

ClientSampleId :

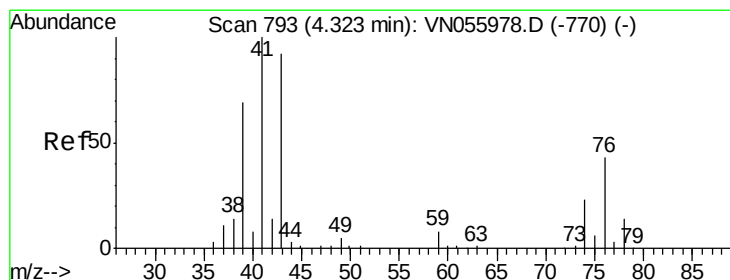
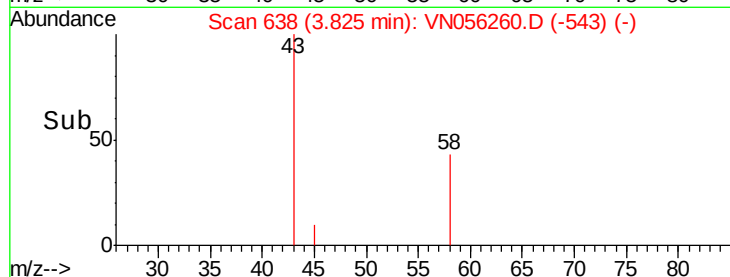
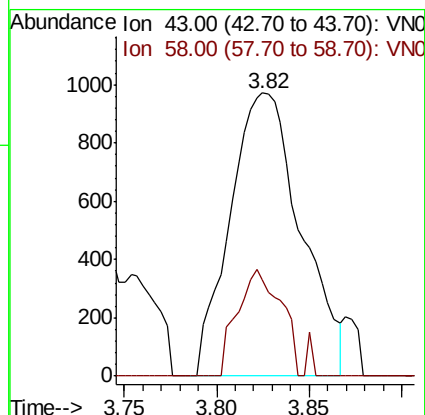
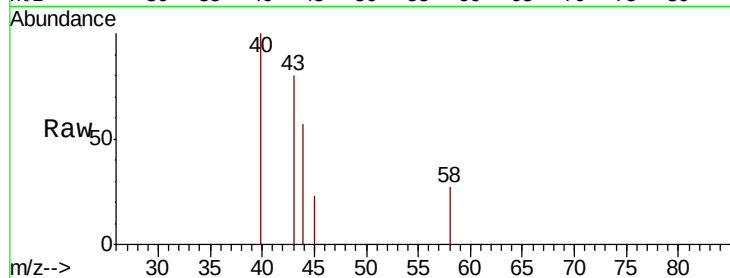
RE125D3-20190610

Tot Ion: 43 Resp: 2583

Ion Ratio Lower Upper

43 100

58 34.1 26.6 39.8



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN056260.D

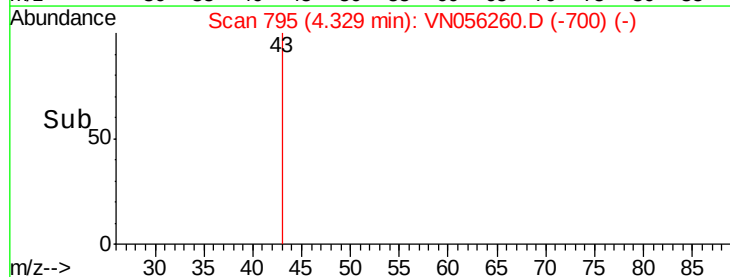
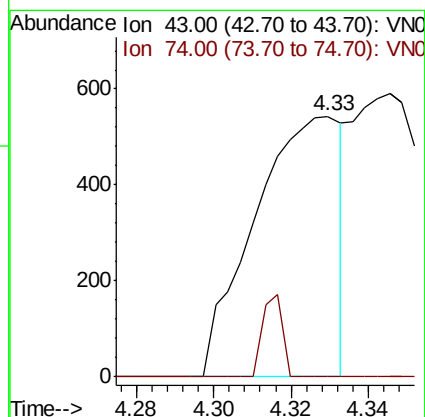
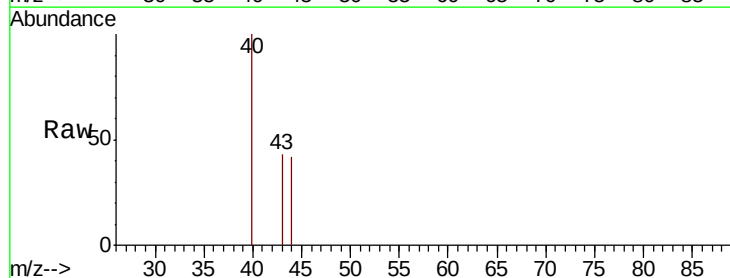
Acq: 12 Jun 2019 19:48

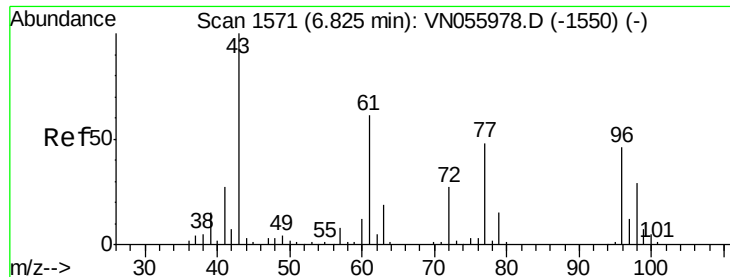
Tgt Ion: 43 Resp: 843

Ion Ratio Lower Upper

43 100

74 7.4 19.3 28.9#





#27

cis-1,2-Dichloroethene

Concen: 1.750 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN056260.D

Acq: 12 Jun 2019 19:48

Instrument :

MSVOA\_N

ClientSampleId :

RE125D3-20190610

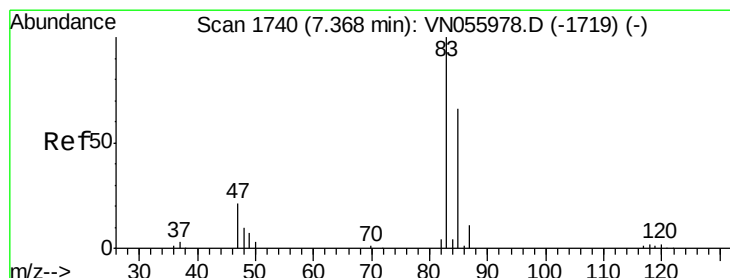
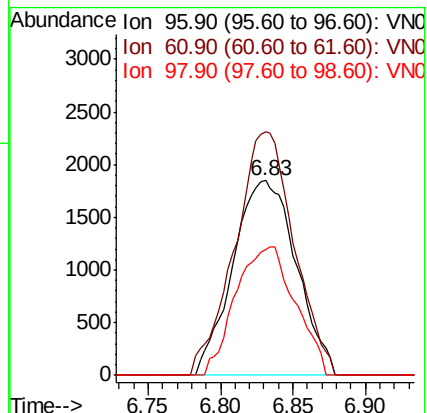
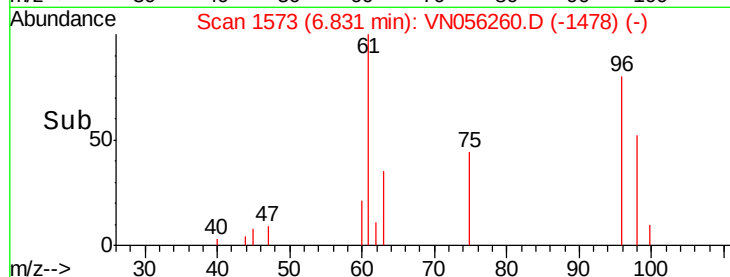
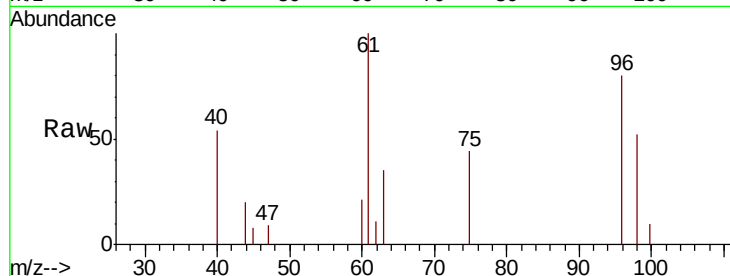
Tot Ion: 96 Resp: 5636

Ion Ratio Lower Upper

96 100

61 116.5 0.0 275.8

98 61.7 0.0 128.4



#30

Chloroform

Concen: 0.335 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN056260.D

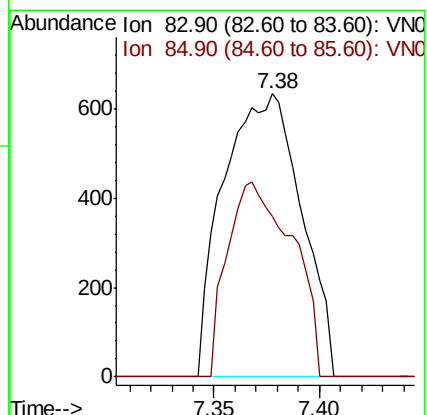
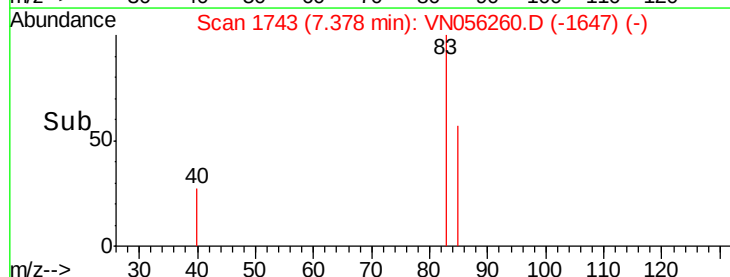
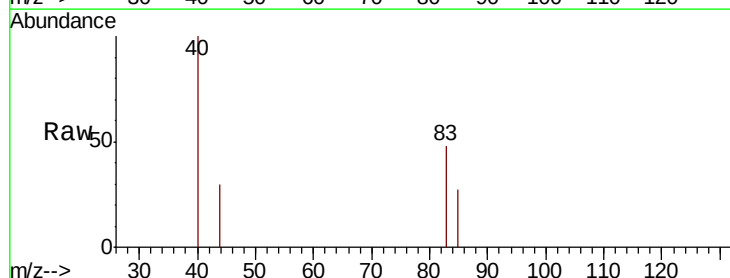
Acq: 12 Jun 2019 19:48

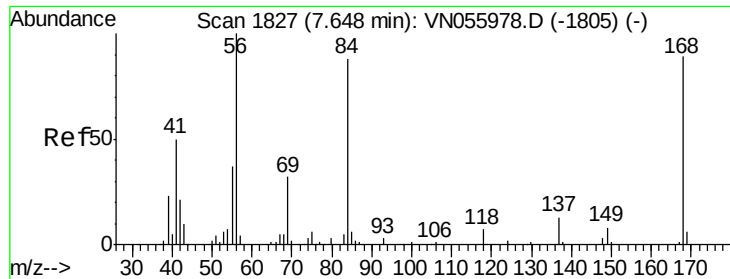
Tgt Ion: 83 Resp: 1623

Ion Ratio Lower Upper

83 100

85 56.6 51.8 77.8

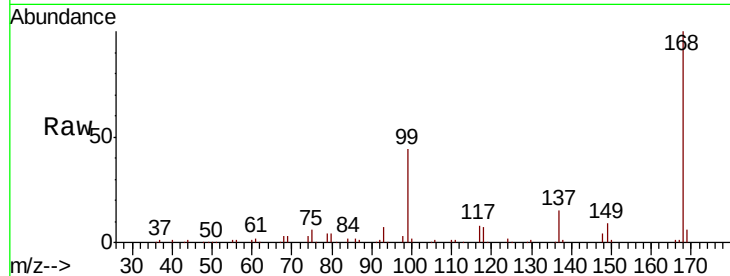




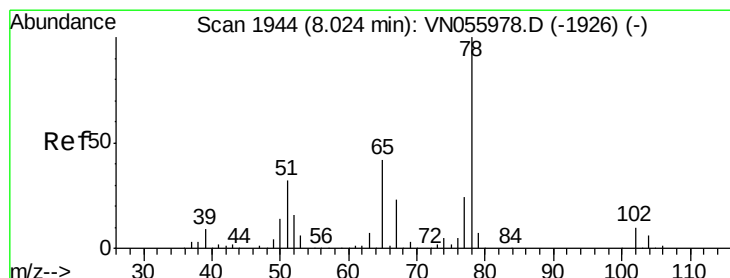
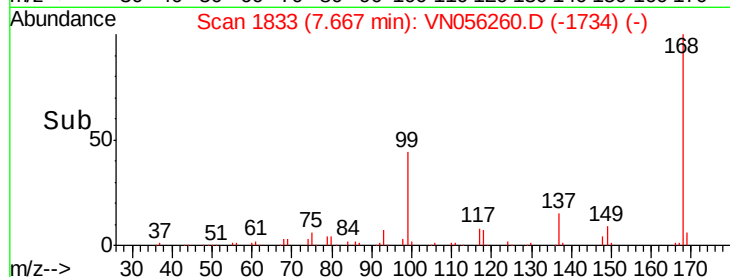
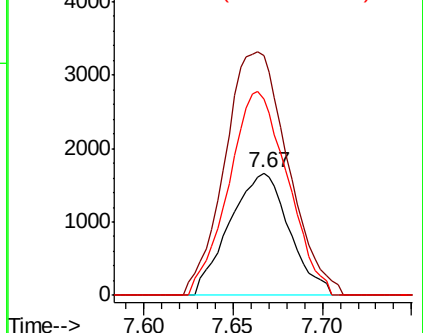
#31  
Cyclohexane  
Concen: 0.811 ug/l  
RT: 7.67 min Scan# 1833  
Delta R.T. 0.02 min  
Lab File: VN056260.D  
Acq: 12 Jun 2019 19:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
RE125D3-20190610

Tot Ion: 56 Resp: 3891  
Ion Ratio Lower Upper  
56 100  
69 187.0 25.6 38.4#  
84 159.7 67.4 101.0#

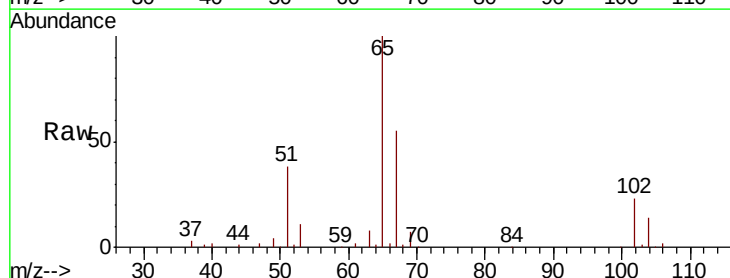


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

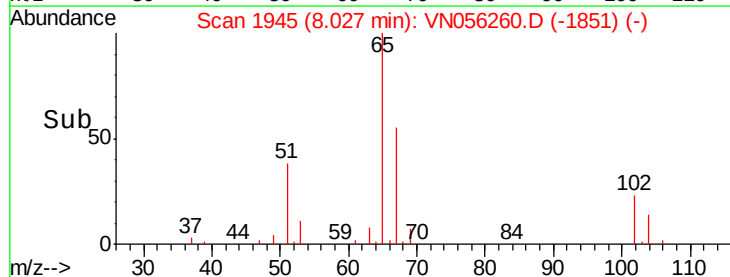
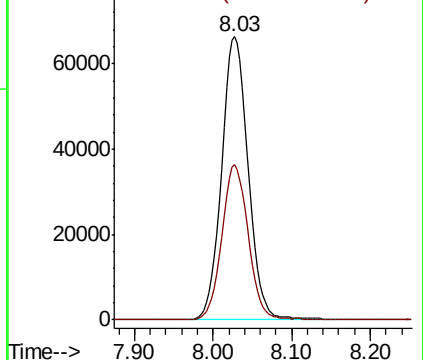


#33  
1,2-Dichloroethane-d4  
Concen: 50.961 ug/l  
RT: 8.03 min Scan# 1945  
Delta R.T. 0.00 min  
Lab File: VN056260.D  
Acq: 12 Jun 2019 19:48

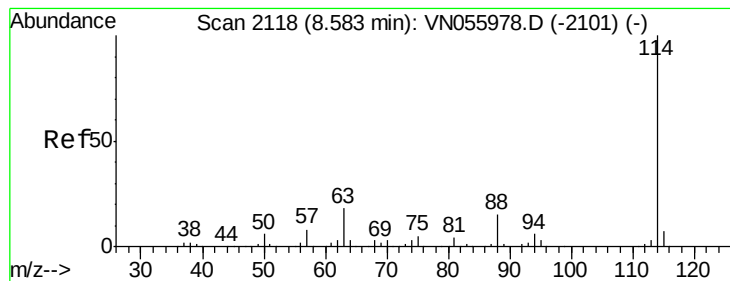
Tgt Ion: 65 Resp: 154090  
Ion Ratio Lower Upper  
65 100  
67 54.4 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0  
Ion 66.90 (66.60 to 67.60): VN0







#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056260.D

Acq: 12 Jun 2019 19:48

Instrument :

MSVOA\_N

ClientSampleId :

RE125D3-20190610

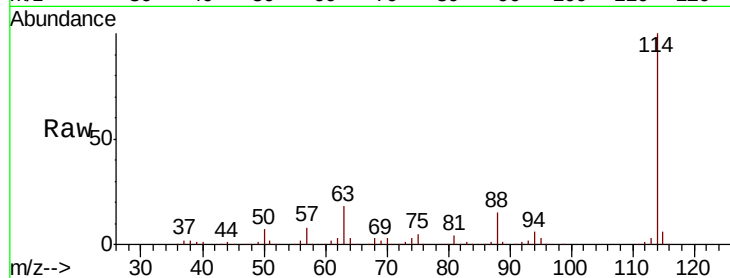
Tot Ion:114 Resp: 457642

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.2

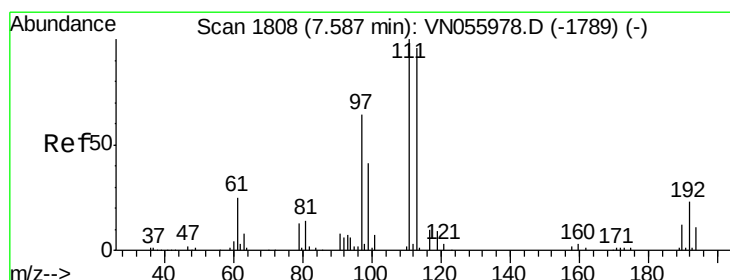
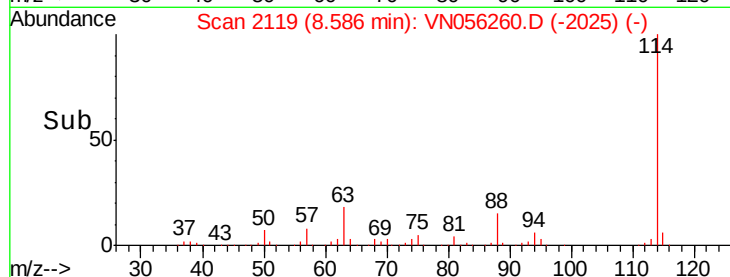
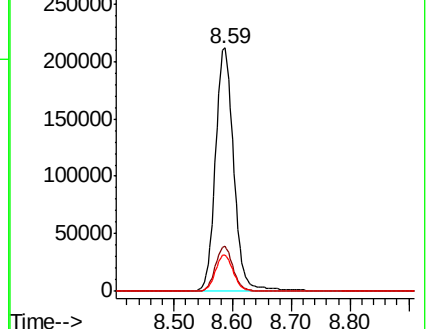
88 15.1 0.0 31.0



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: 51.422 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056260.D

Acq: 12 Jun 2019 19:48

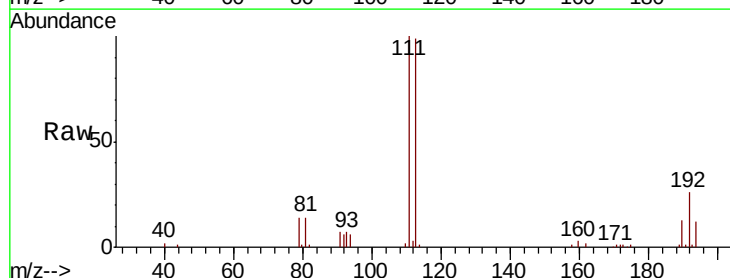
Tgt Ion:113 Resp: 144381

Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

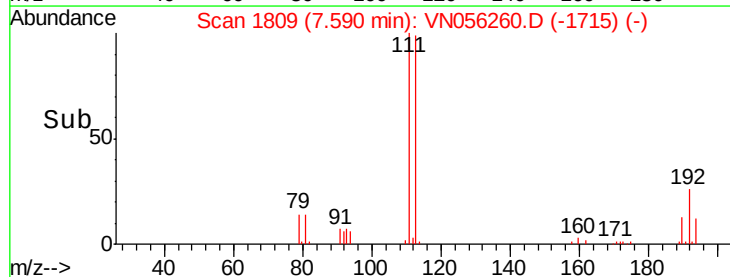
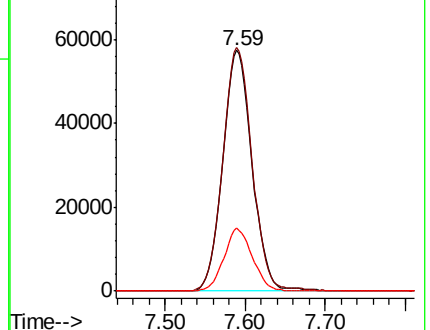
192 25.4 19.5 29.3

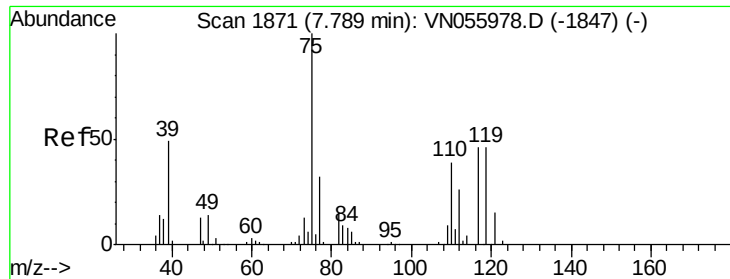


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

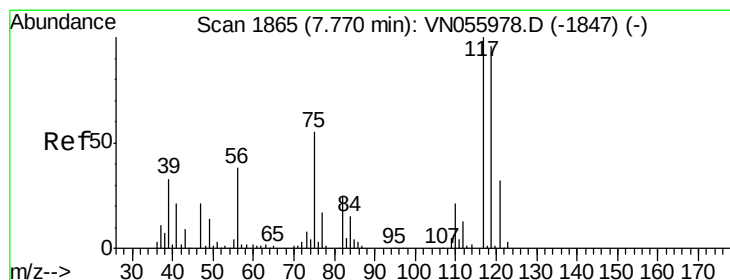
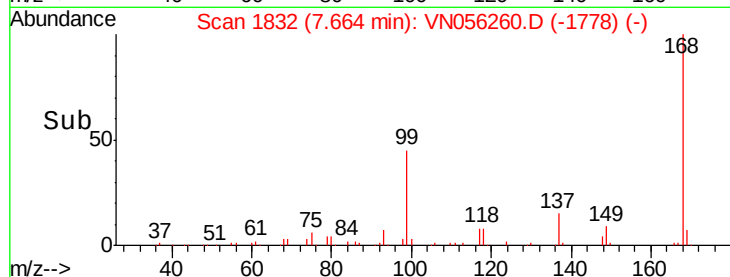
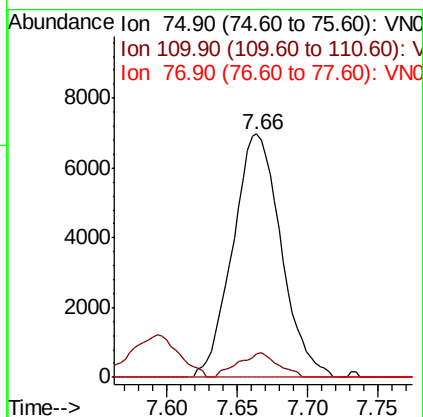
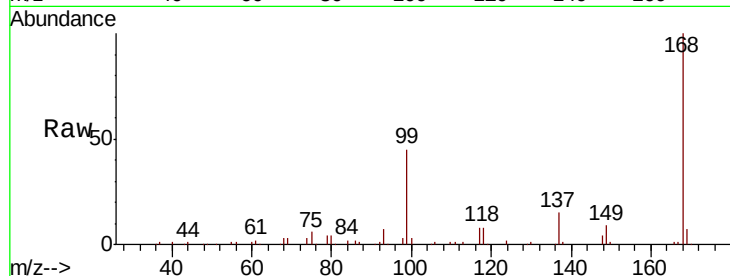




#36  
 1,1-Dichloropropene  
 Concen: 4.250 ug/l  
 RT: 7.66 min Scan# 1832  
 Delta R.T. -0.13 min  
 Lab File: VN056260.D  
 Acq: 12 Jun 2019 19:48

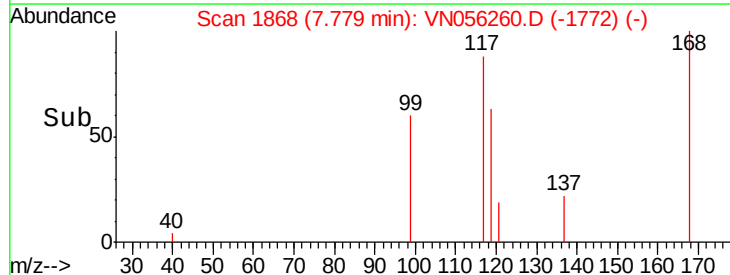
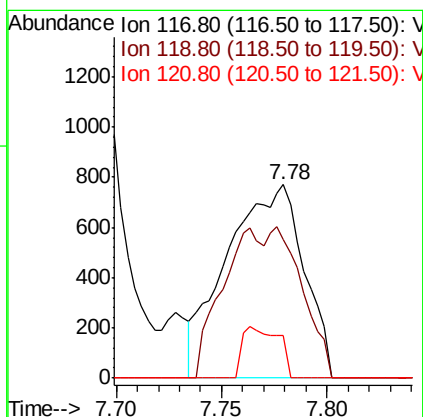
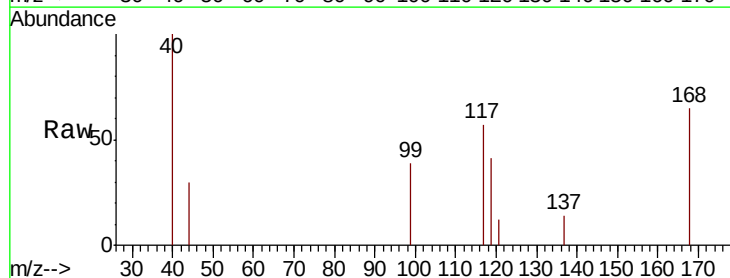
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE125D3-20190610

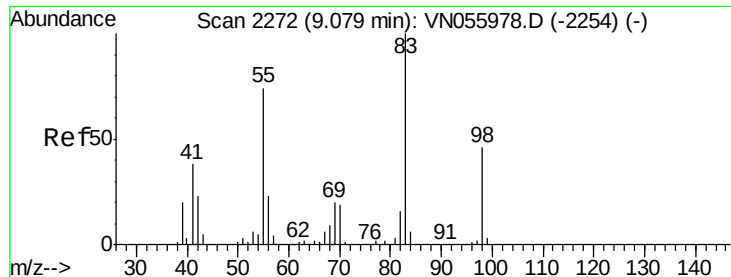
| Tot Ion   | 75    | Resp  | 16725 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 8.2   | 19.0  | 57.0# |
| 77        | 0.0   | 25.1  | 37.7# |



#38  
 Carbon Tetrachloride  
 Concen: 0.538 ug/l  
 RT: 7.78 min Scan# 1868  
 Delta R.T. 0.01 min  
 Lab File: VN056260.D  
 Acq: 12 Jun 2019 19:48

| Tgt Ion   | 117   | Resp  | 1953   |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 71.6  | 79.0  | 118.6# |
| 121       | 21.8  | 24.7  | 37.1#  |

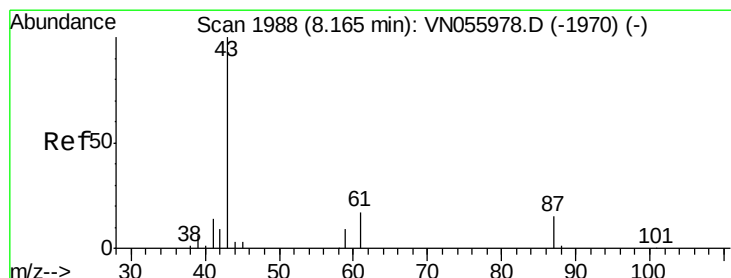
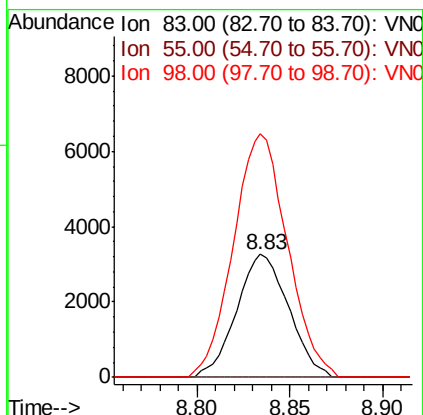
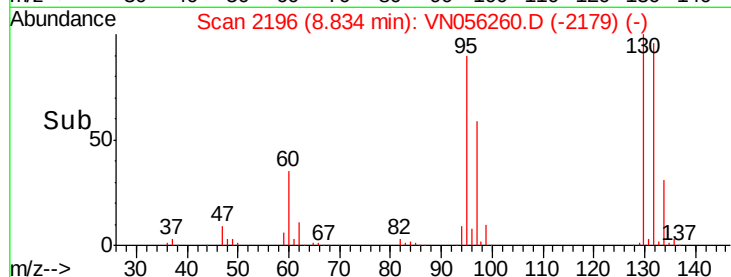
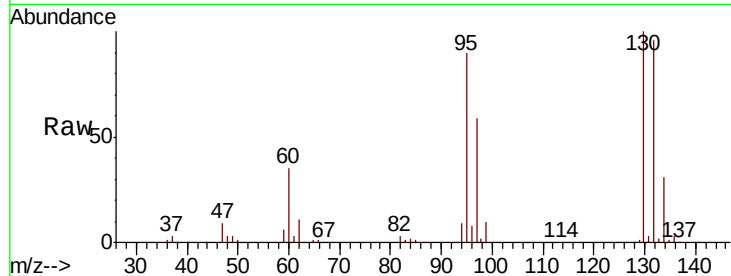




#39  
Methylcyclohexane  
Concen: 1.297 ug/l  
RT: 8.83 min Scan# 2196  
Delta R.T. -0.24 min  
Lab File: VN056260.D  
Acq: 12 Jun 2019 19:48

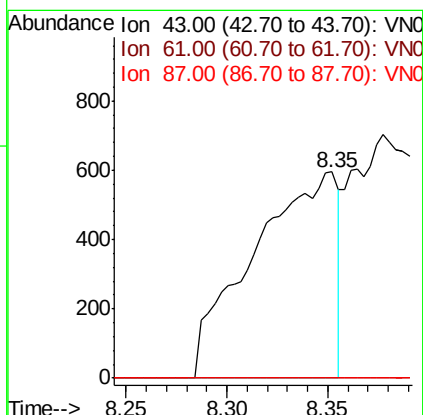
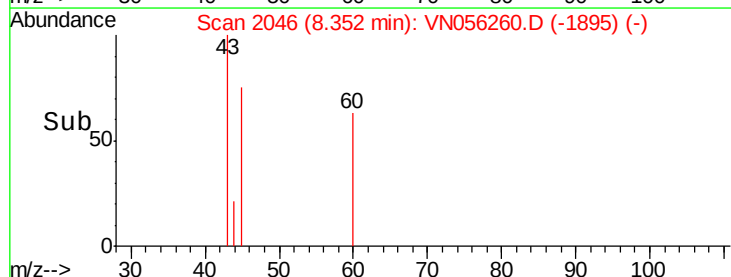
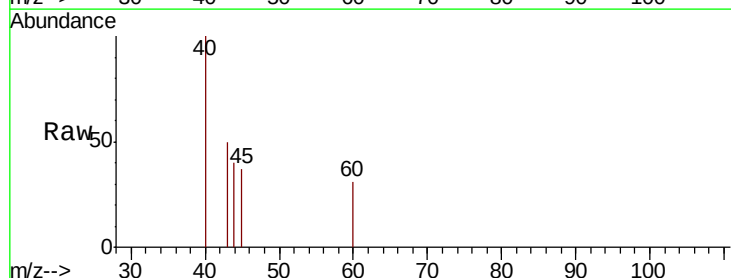
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE125D3-20190610

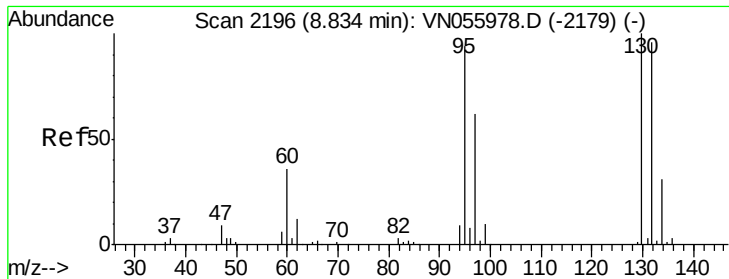
Tot Ion: 83 Resp: 6360  
Ion Ratio Lower Upper  
83 100  
55 0.0 59.3 88.9#  
98 198.1 36.6 54.8#



#43  
Isopropyl Acetate  
Concen: 0.304 ug/l  
RT: 8.35 min Scan# 2046  
Delta R.T. 0.19 min  
Lab File: VN056260.D  
Acq: 12 Jun 2019 19:48

Tgt Ion: 43 Resp: 1724  
Ion Ratio Lower Upper  
43 100  
61 0.0 22.2 33.4#  
87 0.0 11.4 17.2#





#44

Trichloroethene

Concen: 176.054 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056260.D

Acq: 12 Jun 2019 19:48

Instrument :

MSVOA\_N

ClientSampleId :

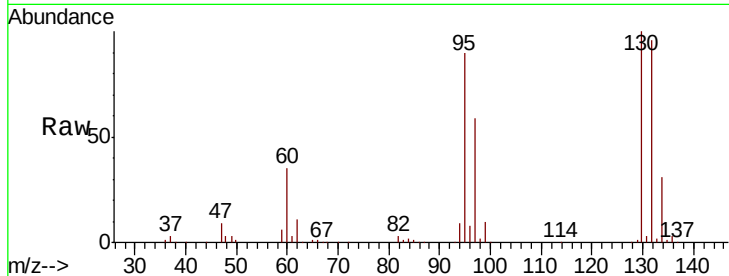
RE125D3-20190610

Tot Ion:130 Resp: 604625

Ion Ratio Lower Upper

130 100

95 90.3 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.83

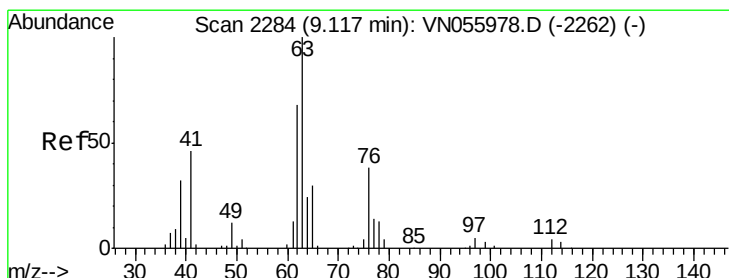
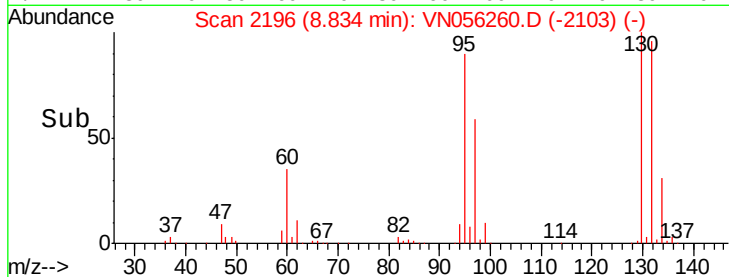
300000

200000

100000

0

Time-->



#45

1,2-Dichloropropane

Concen: 0.328 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.28 min

Lab File: VN056260.D

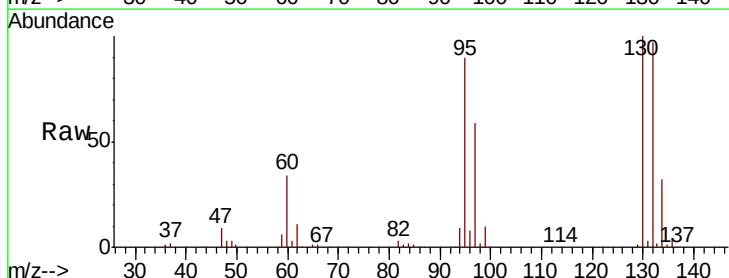
Acq: 12 Jun 2019 19:48

Tgt Ion: 63 Resp: 1005

Ion Ratio Lower Upper

63 100

65 404.8 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN

8.84

4000

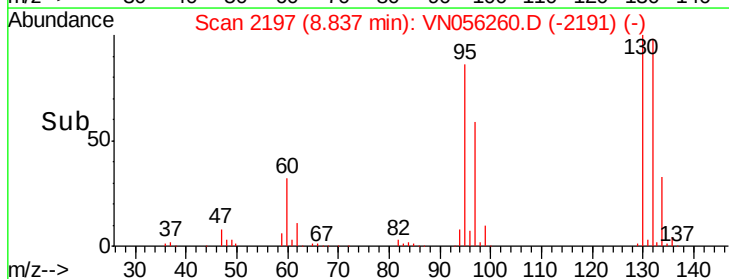
3000

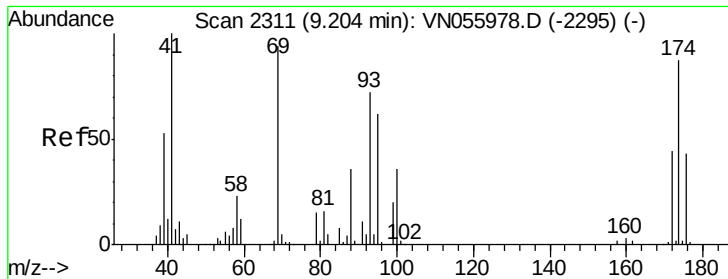
2000

1000

0

Time-->

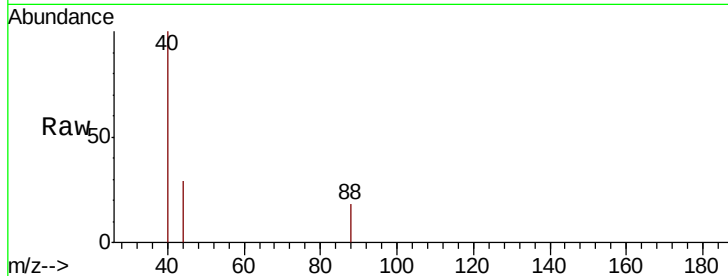




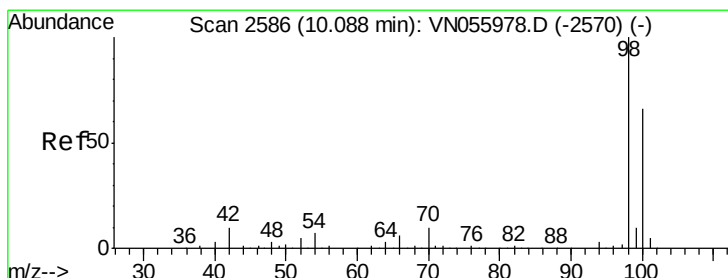
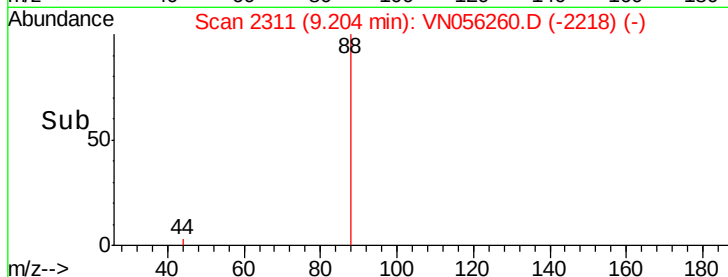
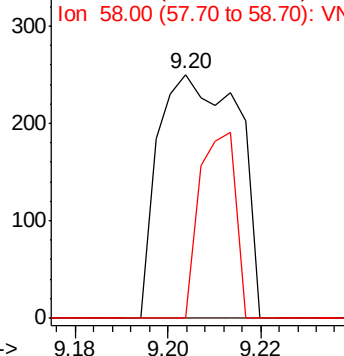
#49  
 1,4-Dioxane  
 Concen: 4.956 ug/l  
 RT: 9.20 min Scan# 2311  
 Delta R.T. -0.00 min  
 Lab File: VN056260.D  
 Acq: 12 Jun 2019 19:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE125D3-20190610

Tot Ion: 88 Resp: 297  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 20.5 30.7#  
 58 34.3 55.8 83.6#

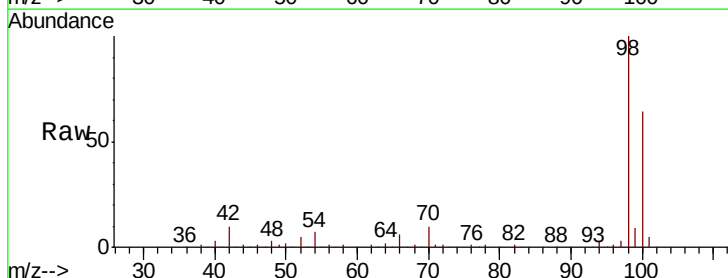


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

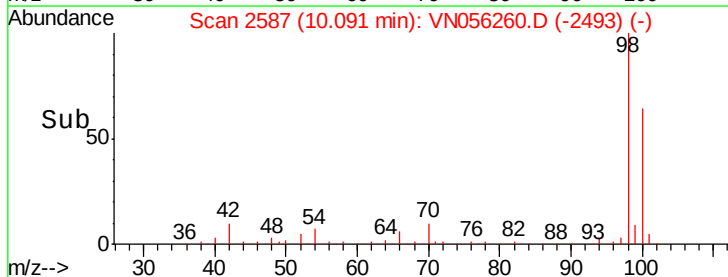
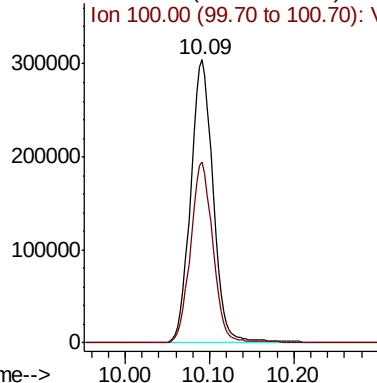


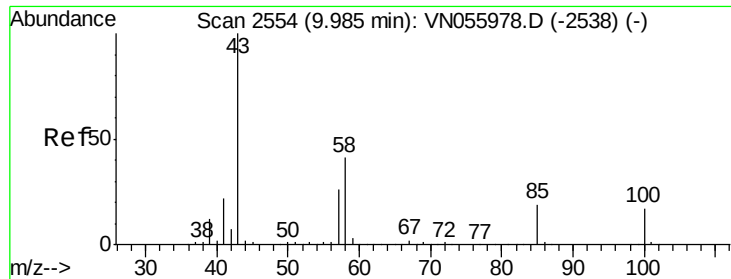
#50  
 Toluene-d8  
 Concen: 52.341 ug/l  
 RT: 10.09 min Scan# 2587  
 Delta R.T. 0.00 min  
 Lab File: VN056260.D  
 Acq: 12 Jun 2019 19:48

Tgt Ion: 98 Resp: 565510  
 Ion Ratio Lower Upper  
 98 100  
 100 63.8 51.9 77.9



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: 0.598 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.10 min

Lab File: VN056260.D

Acq: 12 Jun 2019 19:48

Instrument :

MSVOA\_N

ClientSampleId :

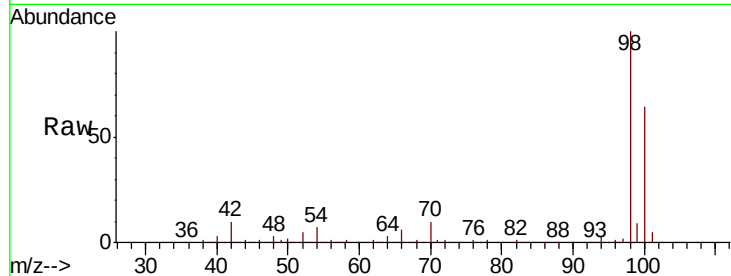
RE125D3-20190610

Tot Ion: 43 Resp: 2121

Ion Ratio Lower Upper

43 100

58 185.8 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-2538) (-)

10.09

2500

2000

1500

1000

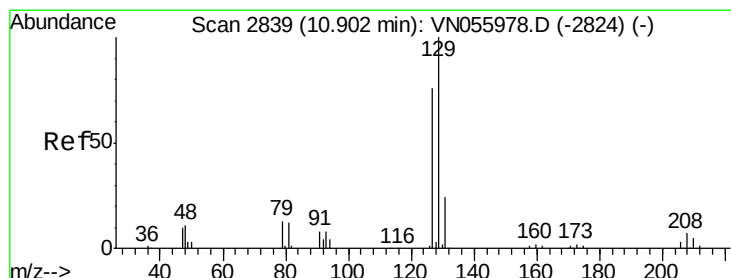
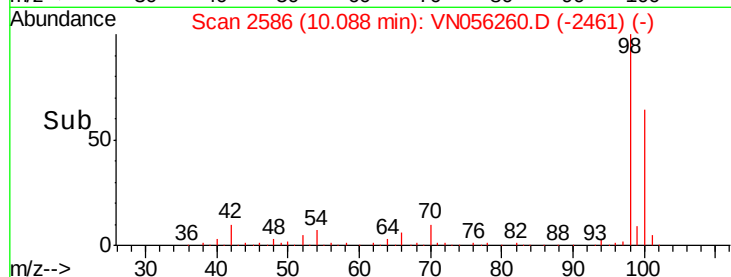
500

0

10.05

10.10

Time-->



#60

Dibromochloromethane

Concen: 5.592 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.27 min

Lab File: VN056260.D

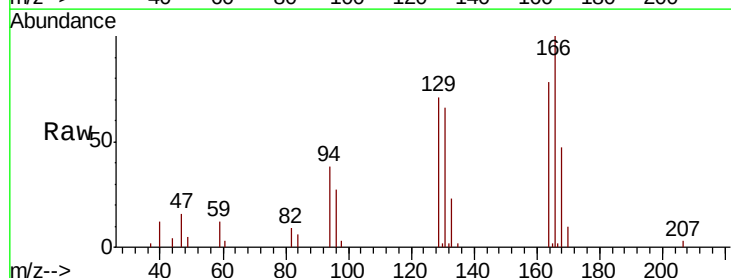
Acq: 12 Jun 2019 19:48

Tgt Ion: 129 Resp: 10730

Ion Ratio Lower Upper

129 100

127 0.0 38.1 114.3#



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

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

10.63

6000

4000

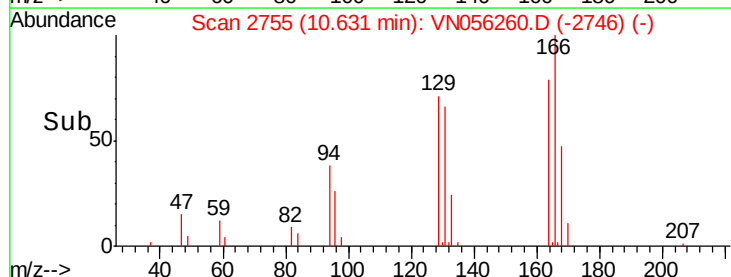
2000

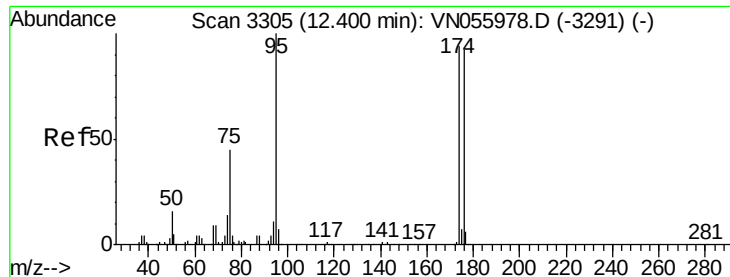
0

10.60

10.65

Time-->





#62

4-Bromofluorobenzene

Concen: 47.660 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056260.D

Acq: 12 Jun 2019 19:48

Instrument :

MSVOA\_N

ClientSampleId :

RE125D3-20190610

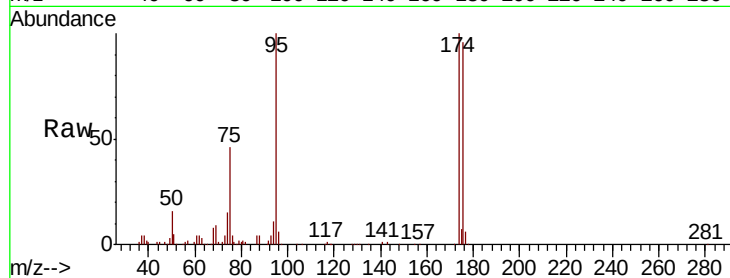
Tot Ion: 95 Resp: 175116

Ion Ratio Lower Upper

95 100

174 102.2 0.0 191.0

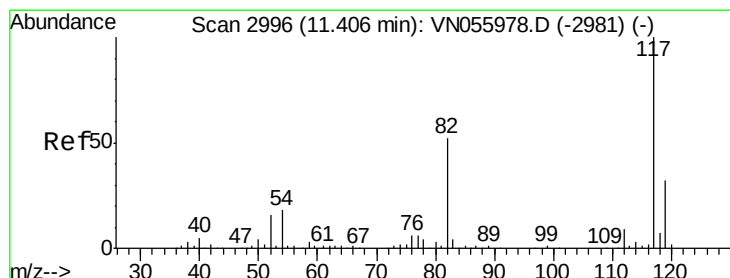
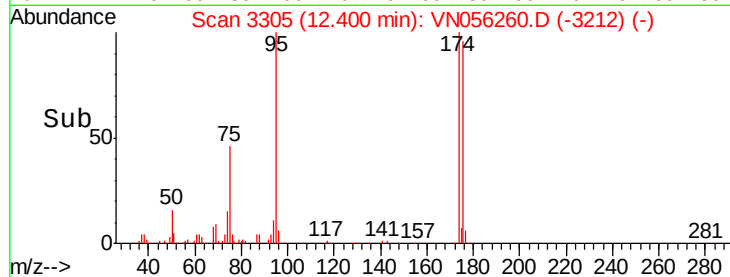
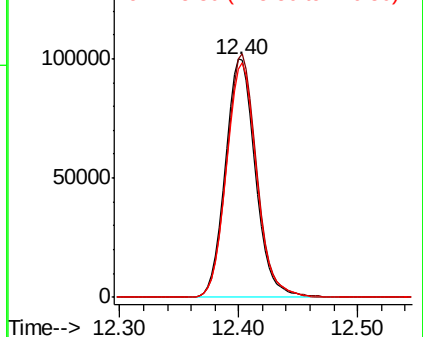
176 98.4 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056260.D

Acq: 12 Jun 2019 19:48

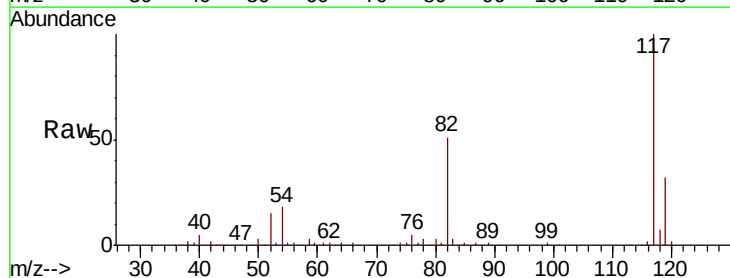
Tgt Ion: 117 Resp: 445559

Ion Ratio Lower Upper

117 100

82 51.1 41.8 62.8

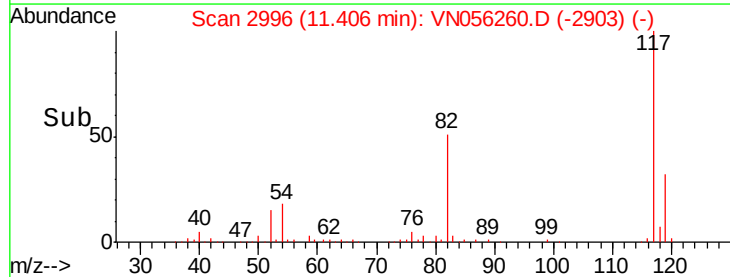
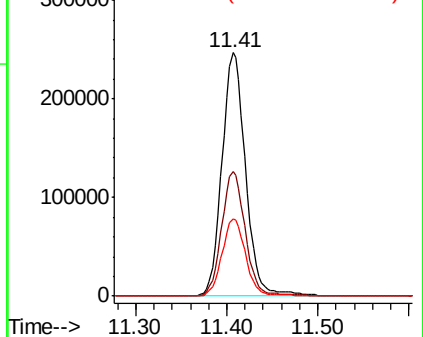
119 31.8 25.4 38.0

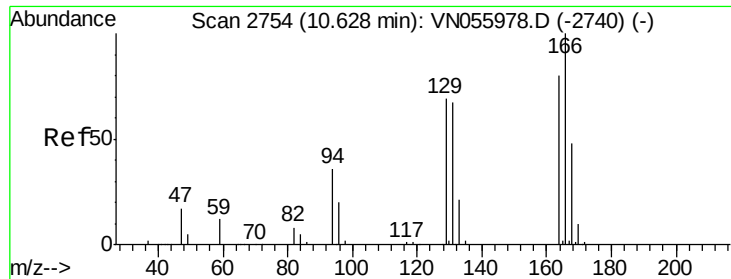


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)





#64

Tetrachloroethene

Concen: 3.429 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056260.D

Acq: 12 Jun 2019 19:48

Instrument :

MSVOA\_N

ClientSampleId :

RE125D3-20190610

Tot Ion:164 Resp: 13226

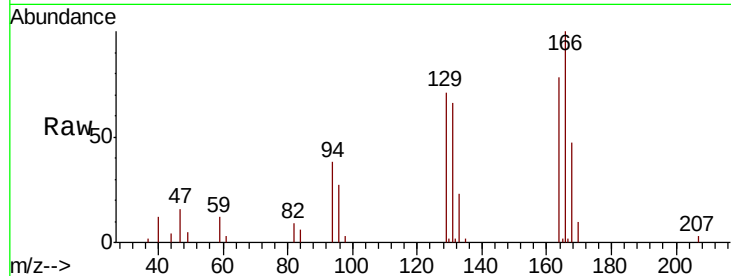
Ion Ratio Lower Upper

164 100

166 127.9 103.0 154.6

129 90.2 70.6 105.8

131 84.8 68.6 102.8

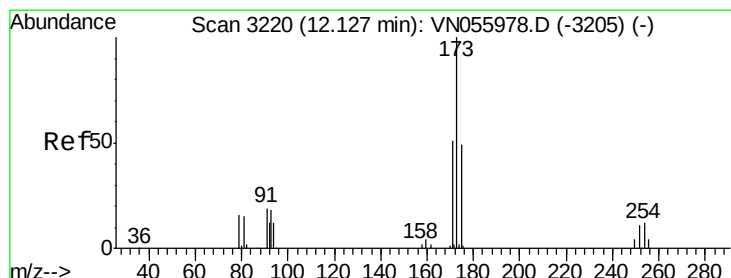
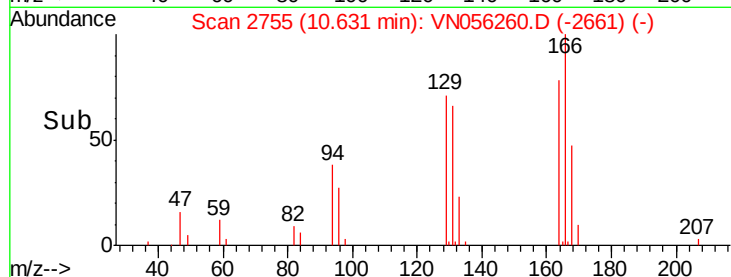
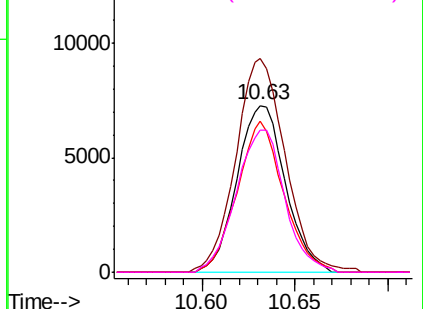


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#71

Bromoform

Concen: 2.963 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN056260.D

Acq: 12 Jun 2019 19:48

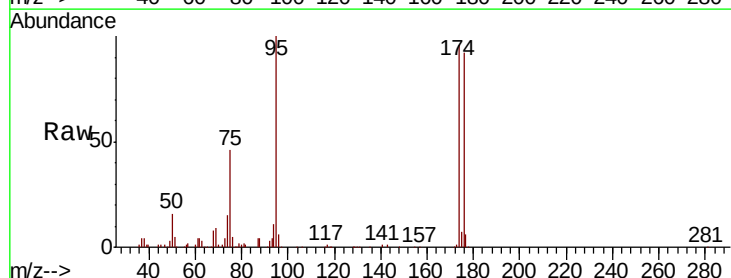
Tgt Ion:173 Resp: 602

Ion Ratio Lower Upper

173 100

175 1795.7 24.3 72.8#

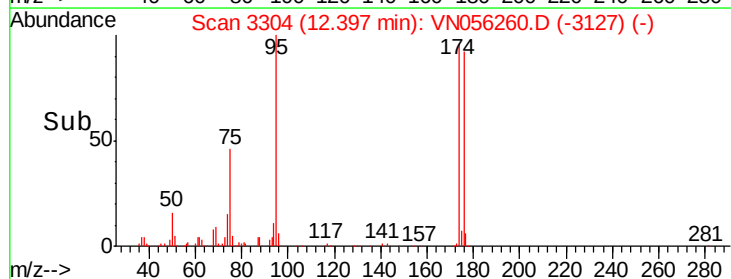
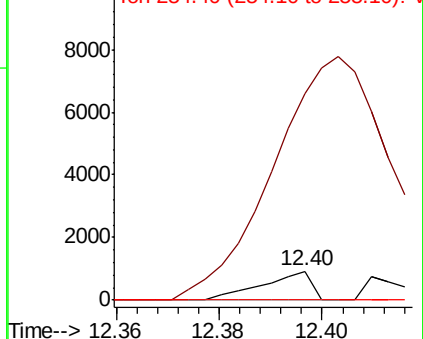
254 0.0 0.0 0.0



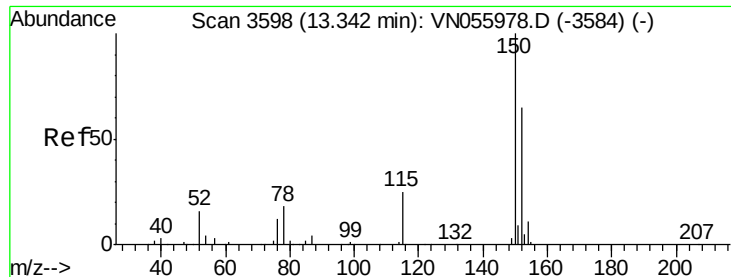
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V







#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN056260.D

Acq: 12 Jun 2019 19:48

Instrument :

MSVOA\_N

ClientSampleId :

RE125D3-20190610

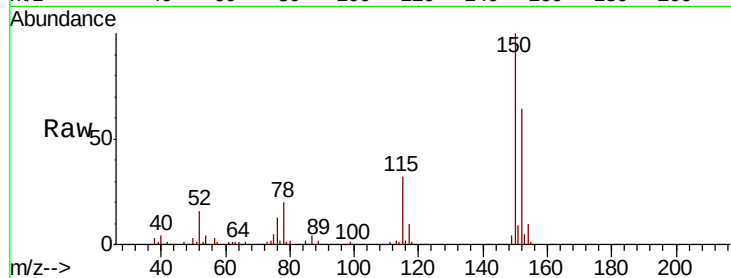
Tot Ion:152 Resp: 140166

Ion Ratio Lower Upper

152 100

115 51.4 27.0 81.0

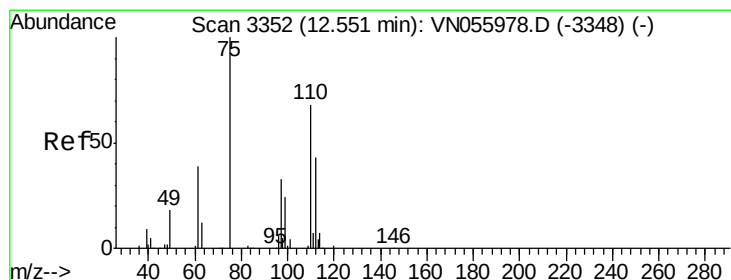
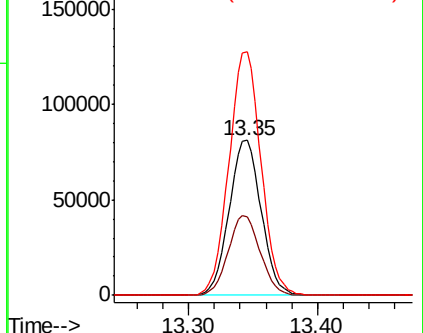
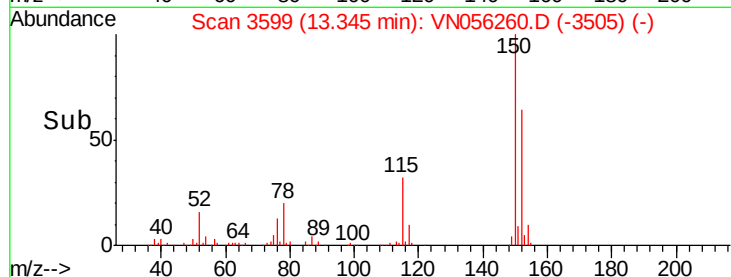
150 156.7 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 30.887 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056260.D

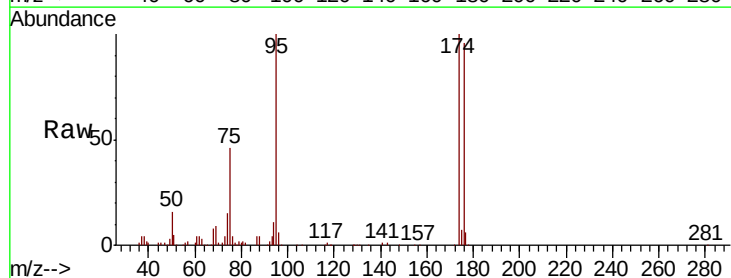
Acq: 12 Jun 2019 19:48

Tgt Ion: 75 Resp: 79661

Ion Ratio Lower Upper

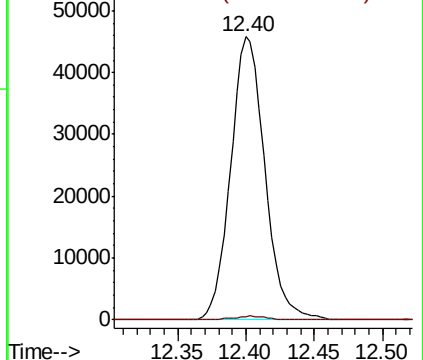
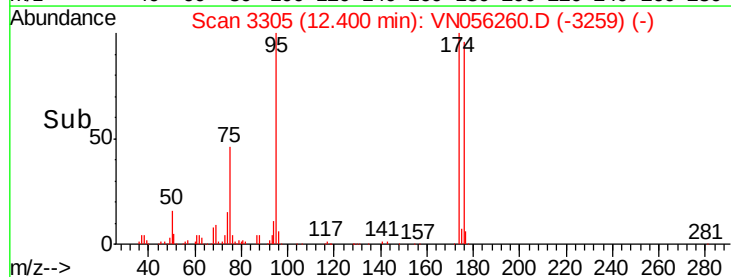
75 100

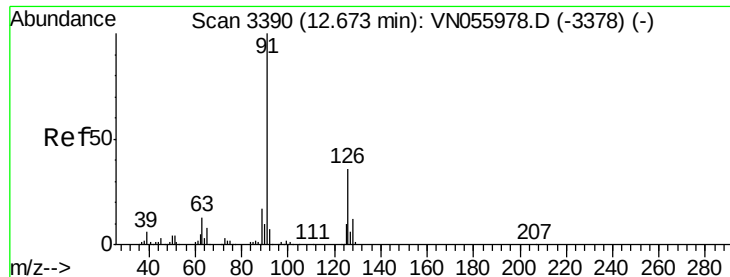
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.27 min

Lab File: VN056260.D

Acq: 12 Jun 2019 19:48

Instrument :

MSVOA\_N

ClientSampleId :

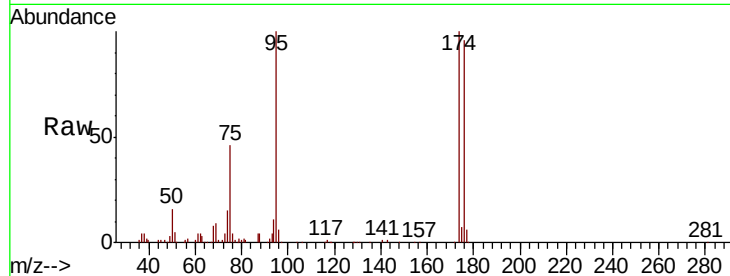
RE125D3-20190610

Tot Ion: 91 Resp: 448

Ion Ratio Lower Upper

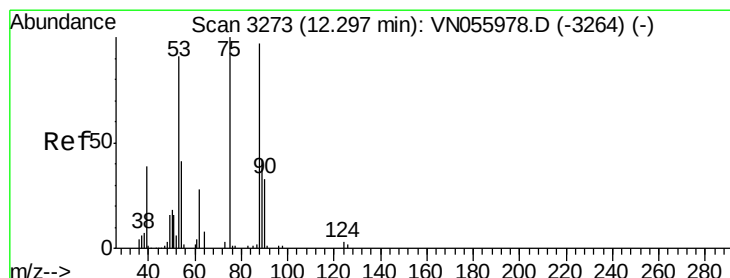
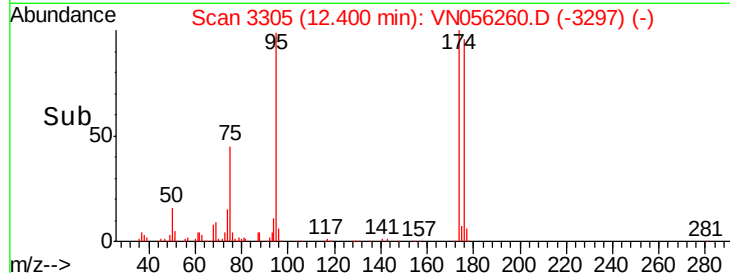
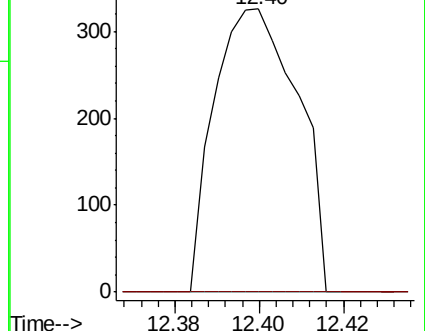
91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 102.859 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056260.D

Acq: 12 Jun 2019 19:48

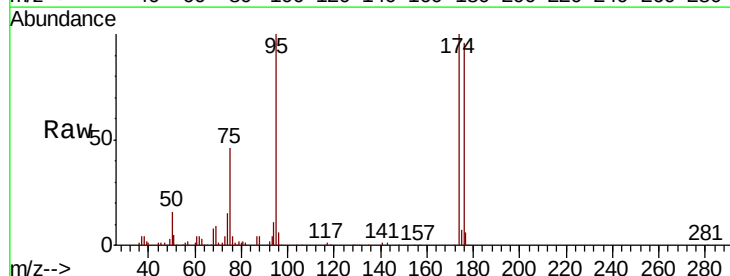
Tgt Ion: 75 Resp: 79661

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

89 0.0 36.9 55.3#



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

