

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120318\  
 Data File : VN052637.D  
 Acq On : 3 Dec 2018 17:49  
 Operator : MD\SY  
 Sample : PB115231ZHE#08  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 20 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB115231ZHE#08

Quant Time: Dec 04 00:34:08 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112718W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 03 03:24:02 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 1234667  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1909813  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1663064  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 595841   | 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   | 646475   | 48.09 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.18%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 585383   | 49.72 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.44%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 2348470  | 51.24 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.48% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 721415   | 46.84 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.68%  |          |

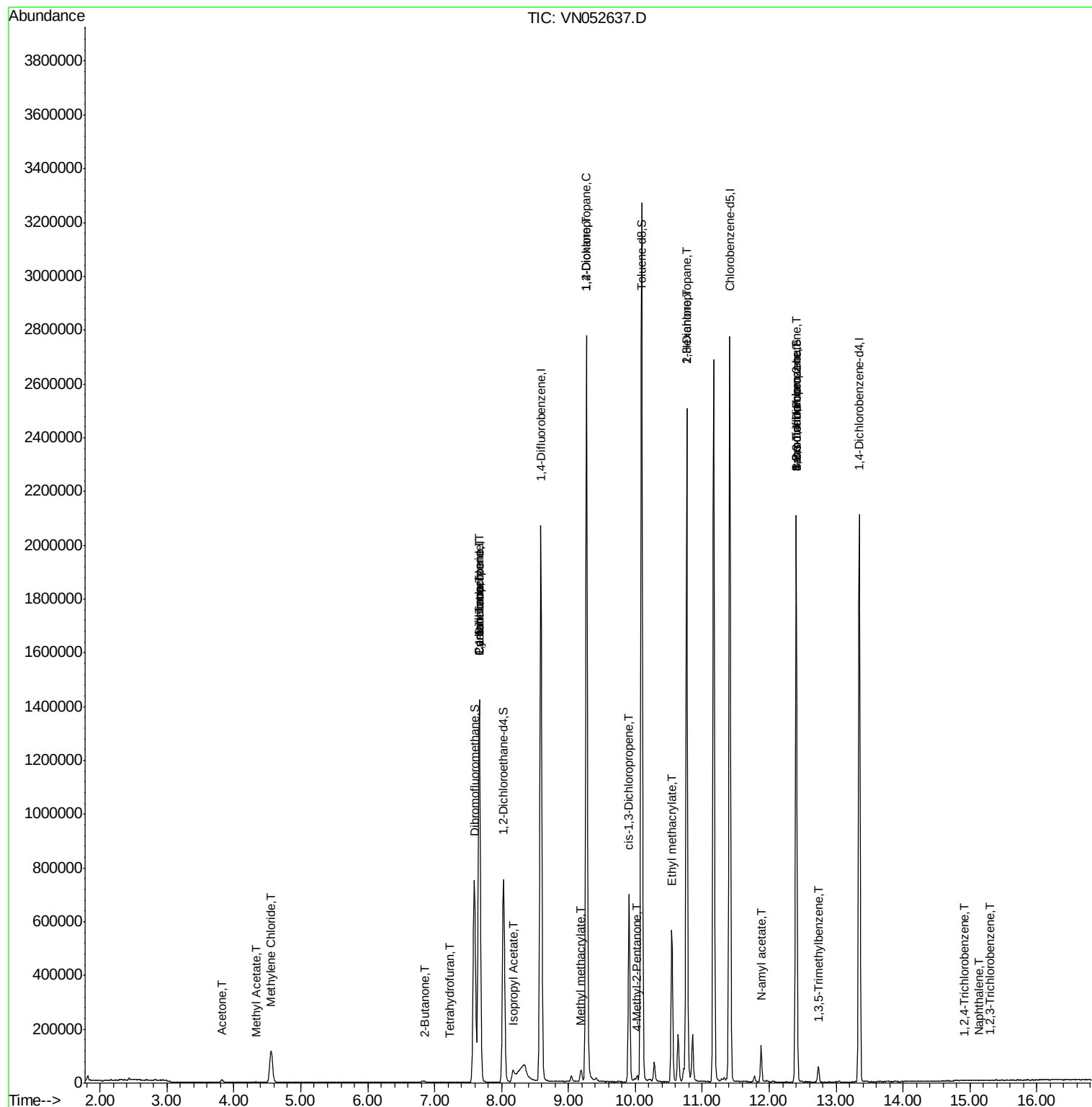
| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 16) Acetone                    | 3.82  | 43   | 15059    | 4.247   | ug/l   | 99     |
| 18) Methyl Acetate             | 4.33  | 43   | 2488     | 0.245   | ug/l   | 97     |
| 20) Methylene Chloride         | 4.56  | 84   | 91799    | 6.616   | ug/l   | 98     |
| 25) 2-Butanone                 | 6.86  | 43   | 1942     | 0.386   | ug/l # | 87     |
| 29) Tetrahydrofuran            | 7.24  | 42   | 1626     | 0.502   | ug/l # | 52     |
| 31) Cyclohexane                | 7.67  | 56   | 21527    | 0.569   | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.67  | 75   | 84918    | 4.709   | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 7.67  | 117  | 109989   | 6.737   | ug/l # | 16     |
| 43) Isopropyl Acetate          | 8.17  | 43   | 65363    | 3.509   | ug/l # | 76     |
| 45) 1,2-Dichloropropane        | 9.27  | 63   | 3424     | 0.240   | ug/l # | 43     |
| 48) Methyl methacrylate        | 9.18  | 41   | 14738    | 1.517   | ug/l # | 13     |
| 49) 1,4-Dioxane                | 9.26  | 88   | 117      | 1.161   | ug/l # | 24     |
| 51) 4-Methyl-2-Pentanone       | 10.03 | 43   | 17554    | 1.680   | ug/l # | 36     |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 127995   | 6.455   | ug/l # | 62     |
| 56) Ethyl methacrylate         | 10.55 | 69   | 1724     | 2.798   | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 10.77 | 76   | 25646    | 1.293   | ug/l # | 43     |
| 59) 2-Hexanone                 | 10.77 | 43   | 363724   | 51.857  | ug/l # | 51     |
| 71) Bromoform                  | 12.40 | 173  | 4215     | 0.534   | ug/l # | 1      |
| 74) N-amyl acetate             | 11.88 | 43   | 41724    | 3.533   | ug/l # | 52     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 344274   | 37.469  | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 31171    | 0.836   | ug/l   | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 344274   | 125.129 | ug/l # | 11     |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 569      | 2.880   | ug/l # | 74     |
| 95) Naphthalene                | 15.14 | 128  | 851      | 3.464   | ug/l # | 69     |
| 96) 1,2,3-Trichlorobenzene     | 15.32 | 180  | 350      | 2.761   | ug/l # | 84     |

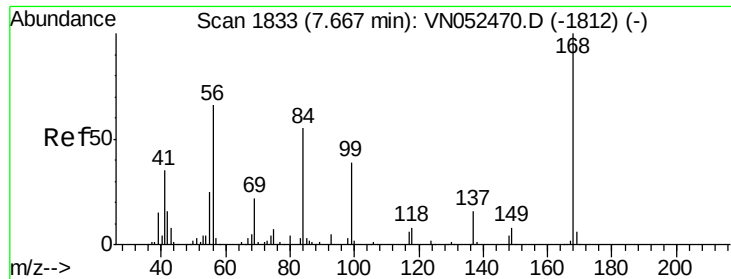
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Mon Dec 03 03:24:02 2018  
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: VN052637.D

Acq: 3 Dec 2018 17:49

Instrument :

MSVOA\_N

ClientSampleId :

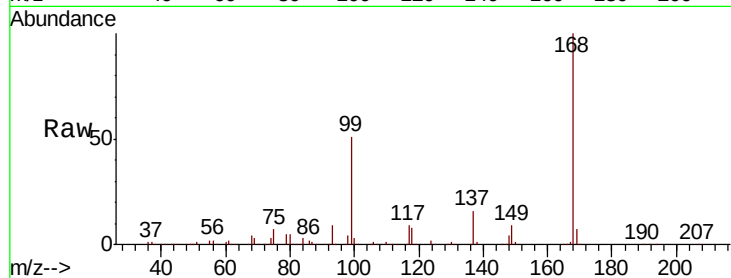
PB115231ZHE#08

Tot Ion:168 Resp: 1234667

Ion Ratio Lower Upper

168 100

99 51.1 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052637.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052637.D (-1740) (-)

7.67

600000

500000

400000

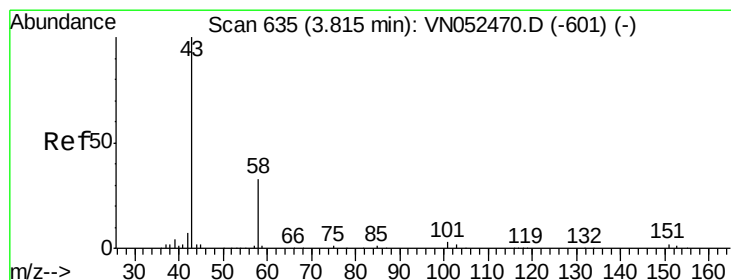
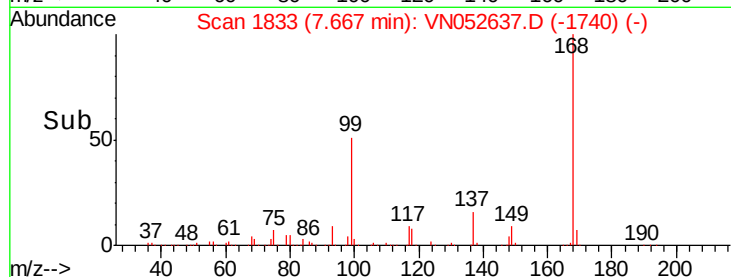
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.247 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052637.D

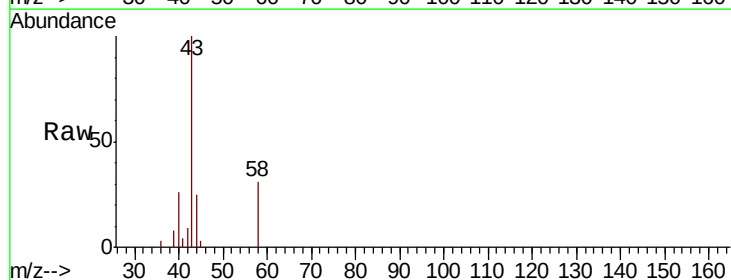
Acq: 3 Dec 2018 17:49

Tgt Ion: 43 Resp: 15059

Ion Ratio Lower Upper

43 100

58 32.0 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052637.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052637.D (-542) (-)

3.82

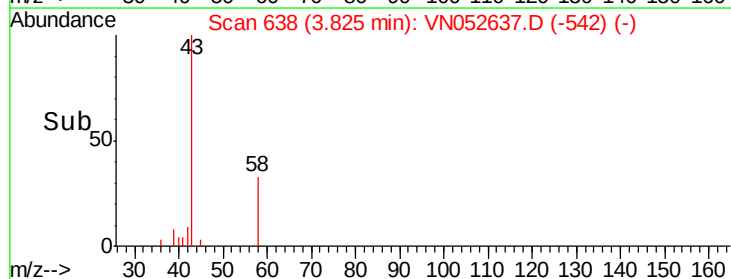
6000

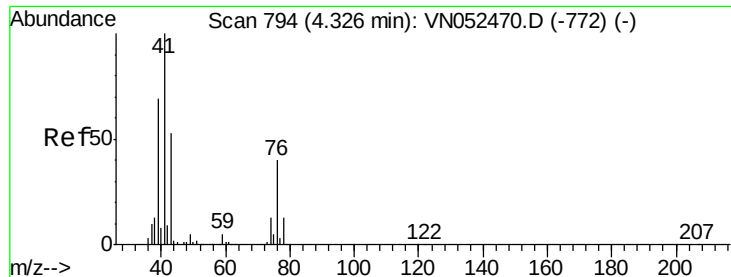
4000

2000

0

Time-->

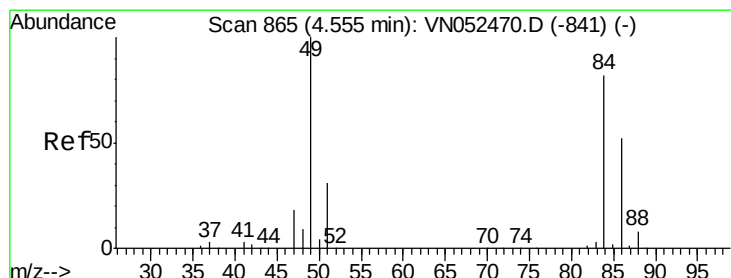
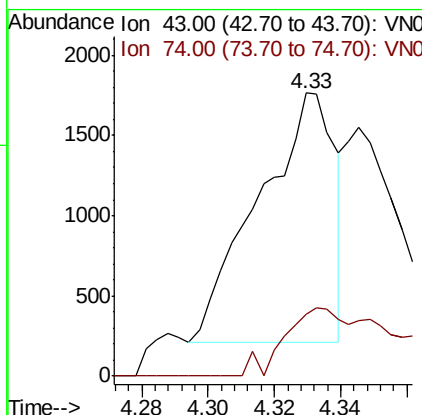
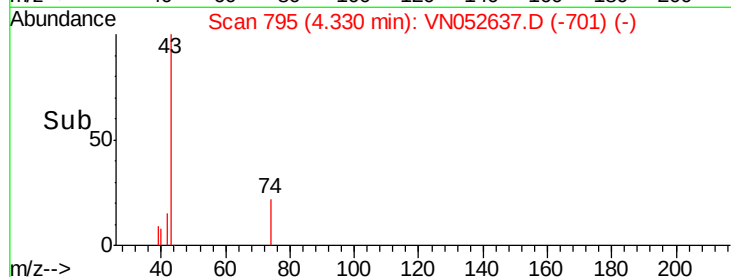
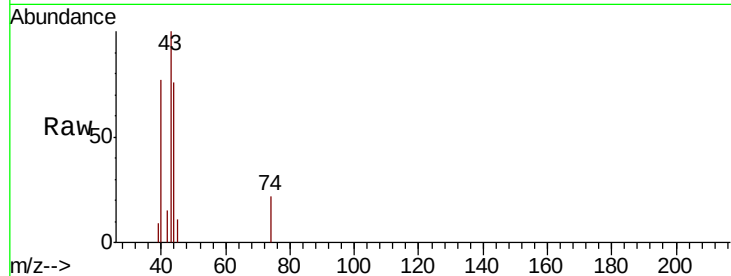




#18  
Methyl Acetate  
Concen: 0.245 ug/l  
RT: 4.33 min Scan# 795  
Delta R.T. 0.00 min  
Lab File: VN052637.D  
Acq: 3 Dec 2018 17:49

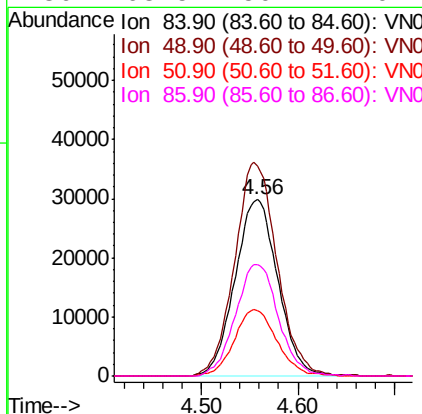
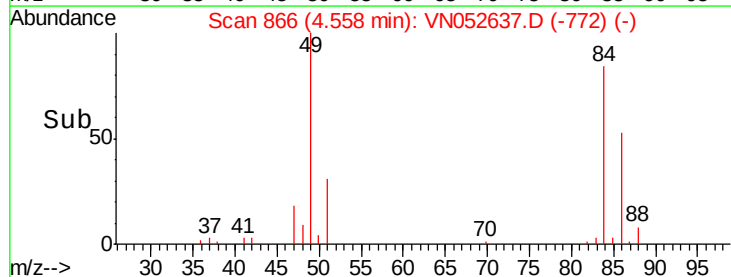
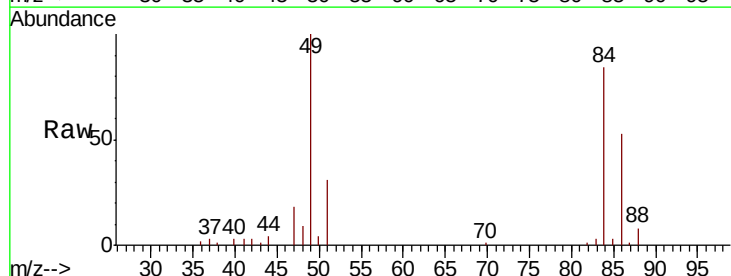
Instrument :  
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PB115231ZHE#08

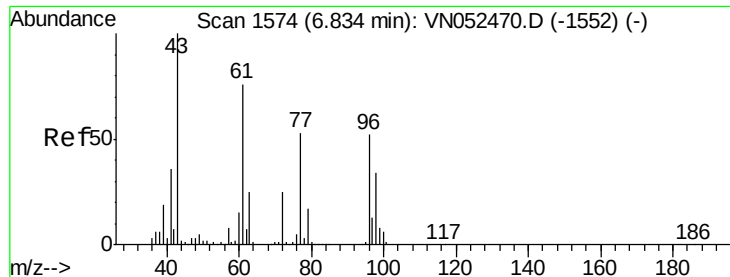
Tot Ion: 43 Resp: 2488  
Ion Ratio Lower Upper  
43 100  
74 21.6 18.6 27.8



#20  
Methylene Chloride  
Concen: 6.616 ug/l  
RT: 4.56 min Scan# 866  
Delta R.T. 0.00 min  
Lab File: VN052637.D  
Acq: 3 Dec 2018 17:49

Tgt Ion: 84 Resp: 91799  
Ion Ratio Lower Upper  
84 100  
49 119.0 98.0 147.0  
51 37.3 30.1 45.1  
86 63.5 50.7 76.1





#25

2-Butanone

Concen: 0.386 ug/l

RT: 6.86 min Scan# 1581

Delta R.T. 0.02 min

Lab File: VN052637.D

Acq: 3 Dec 2018 17:49

Instrument :

MSVOA\_N

ClientSampleId :

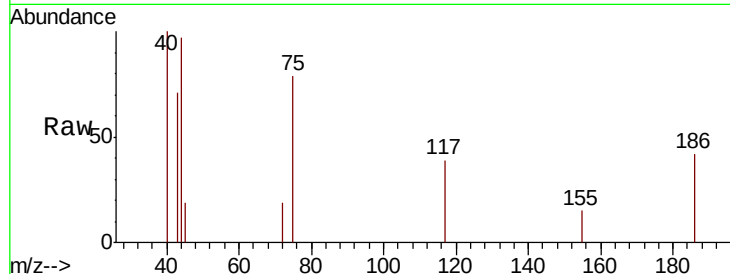
PB115231ZHE#08

Tot Ion: 43 Resp: 1942

Ion Ratio Lower Upper

43 100

72 31.7 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1552) (-)

Ion 72.00 (71.70 to 72.70): VN052470.D (-1552) (-)

6.86

800

600

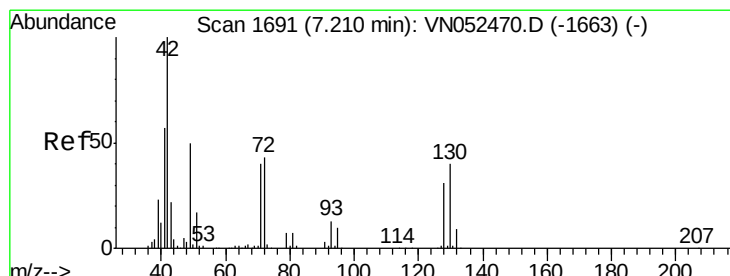
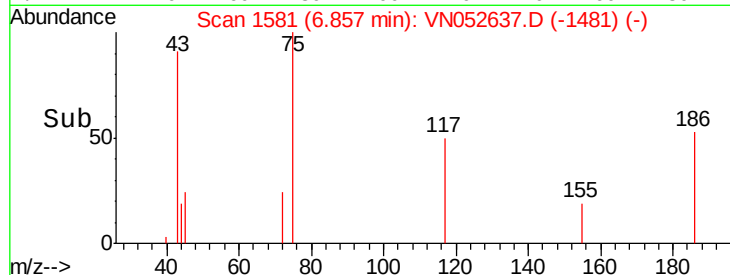
400

200

0

6.80 6.85 6.90

Time-->



#29

Tetrahydrofuran

Concen: 0.502 ug/l

RT: 7.24 min Scan# 1700

Delta R.T. 0.03 min

Lab File: VN052637.D

Acq: 3 Dec 2018 17:49

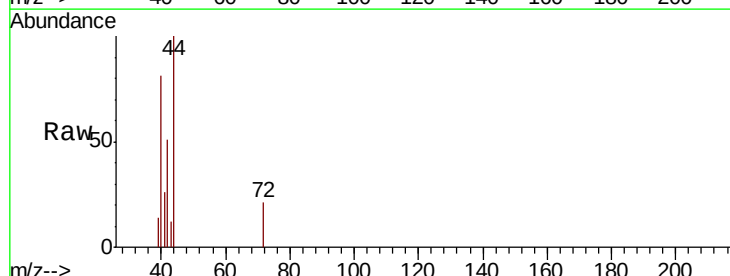
Tgt Ion: 42 Resp: 1626

Ion Ratio Lower Upper

42 100

72 7.4 33.3 49.9#

71 14.5 32.0 48.0#



Abundance Ion 42.00 (41.70 to 42.70): VN052470.D (-1663) (-)

Ion 72.00 (71.70 to 72.70): VN052470.D (-1663) (-)

Ion 71.00 (70.70 to 71.70): VN052470.D (-1663) (-)

800

600

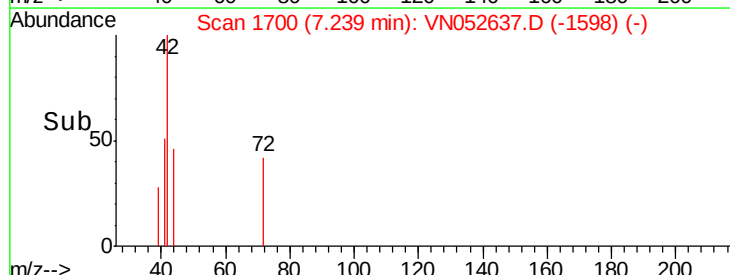
400

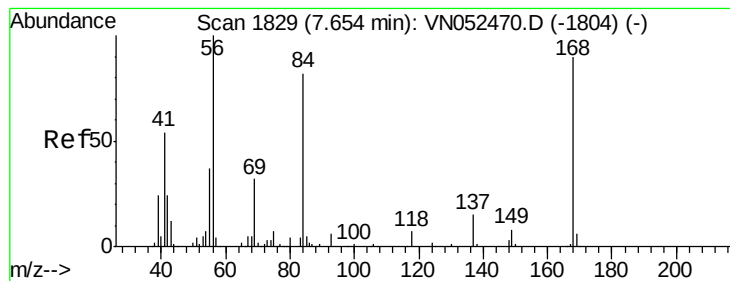
200

0

7.15 7.20 7.25 7.30

Time-->





#31

Cyclohexane

Concen: 0.569 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN052637.D

Acq: 3 Dec 2018 17:49

Instrument :

MSVOA\_N

ClientSampleId :

PB115231ZHE#08

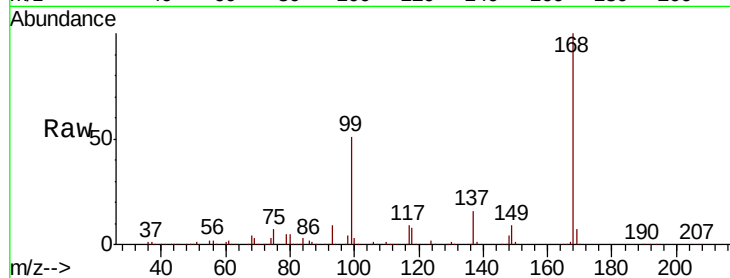
Tot Ion: 56 Resp: 21527

Ion Ratio Lower Upper

56 100

69 190.1 25.8 38.6#

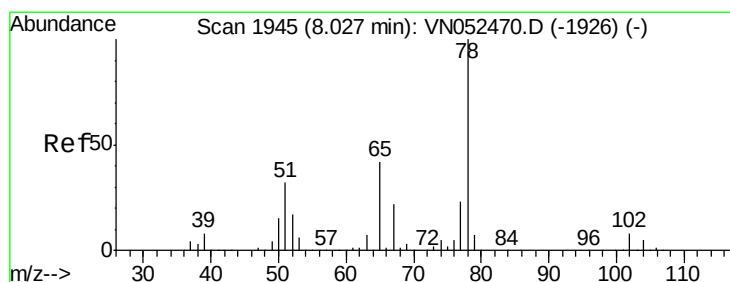
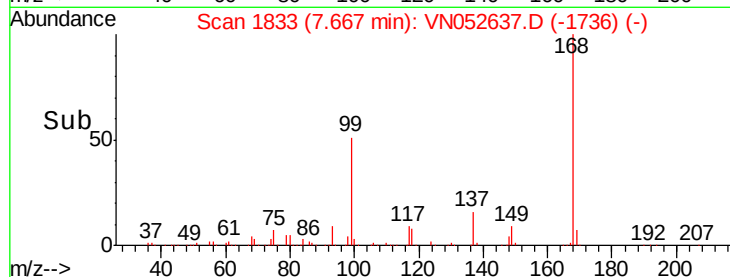
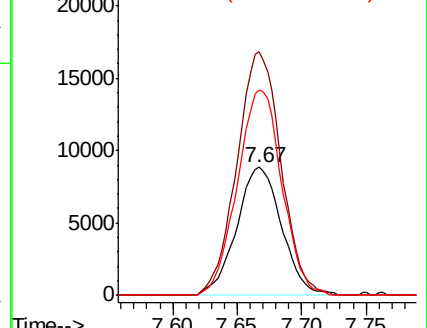
84 160.6 65.3 97.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052637.D

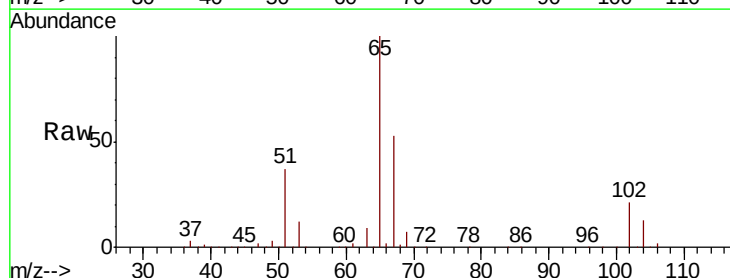
Acq: 3 Dec 2018 17:49

Tgt Ion: 65 Resp: 646475

Ion Ratio Lower Upper

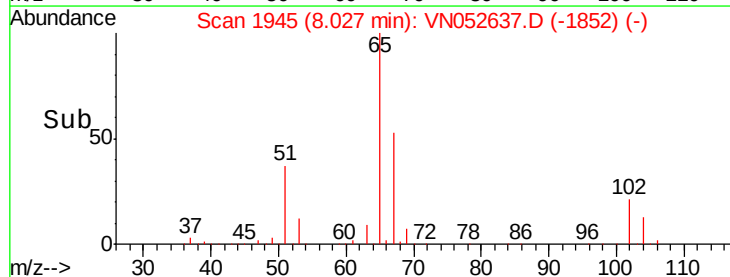
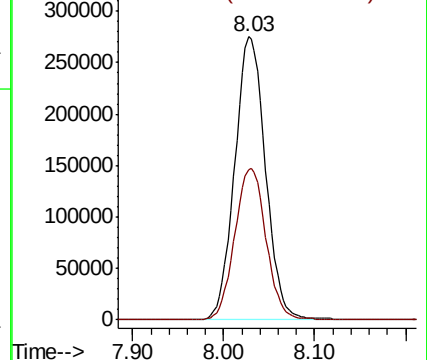
65 100

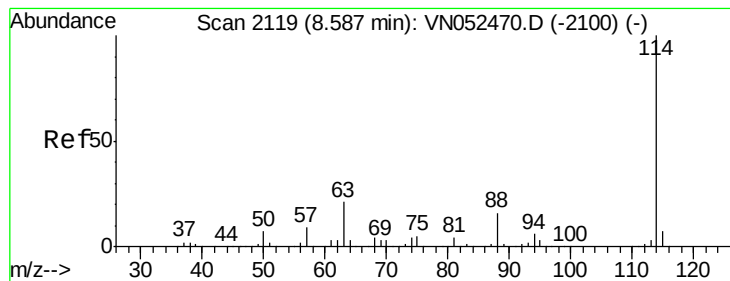
67 54.5 0.0 109.8



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: VN052637.D

Acq: 3 Dec 2018 17:49

Instrument :

MSVOA\_N

ClientSampleId :

PB115231ZHE#08

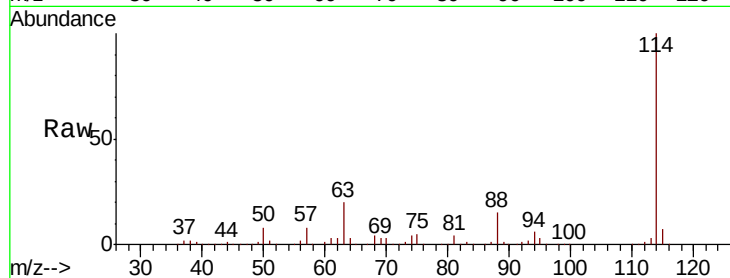
Tot Ion:114 Resp: 1909813

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.8

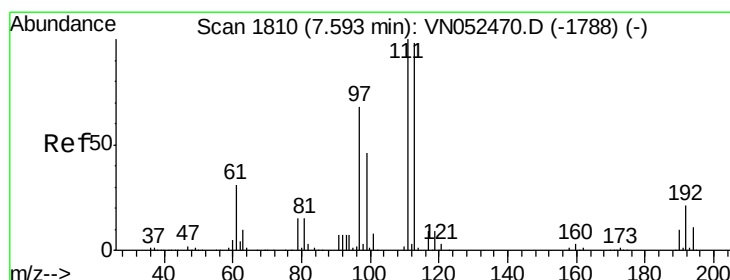
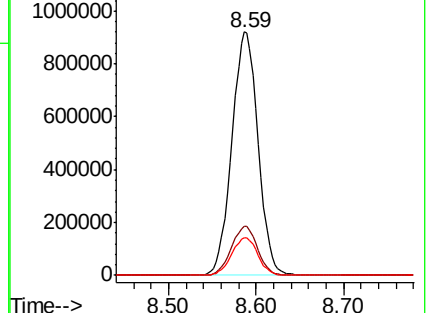
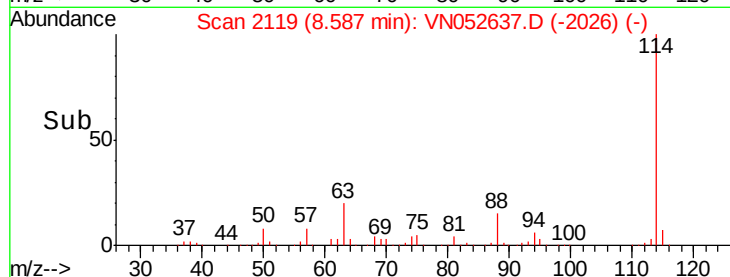
88 15.4 0.0 31.6



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN052637.D

Acq: 3 Dec 2018 17:49

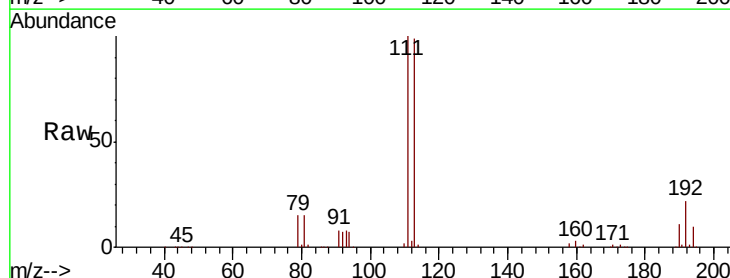
Tgt Ion:113 Resp: 585383

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

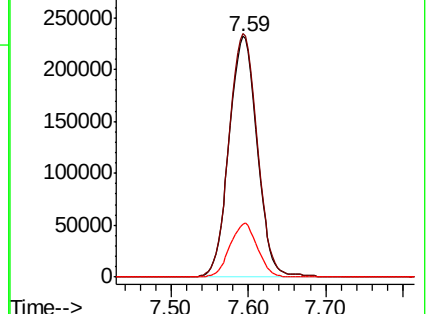
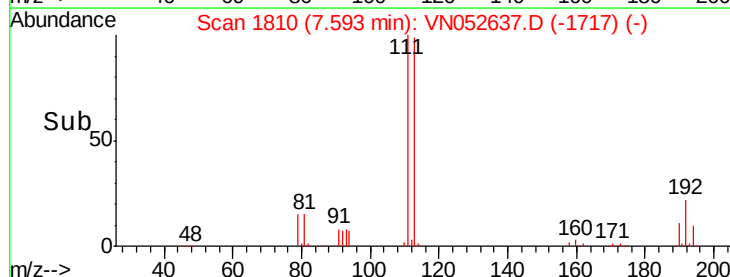
192 21.8 17.0 25.6

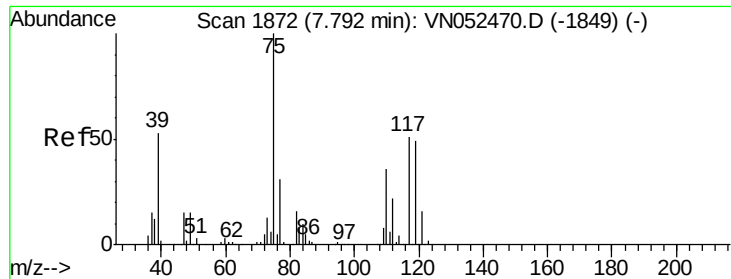


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.709 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052637.D

Acq: 3 Dec 2018 17:49

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PB115231ZHE#08

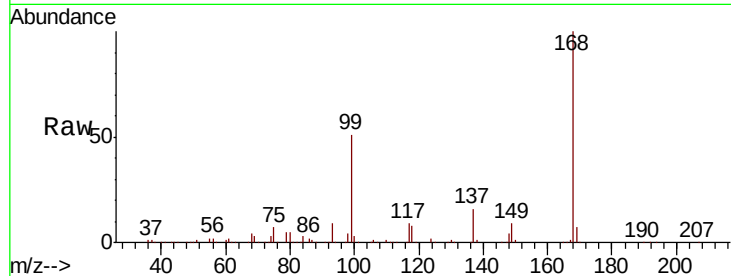
Tot Ion: 75 Resp: 84918

Ion Ratio Lower Upper

75 100

110 8.9 17.5 52.6#

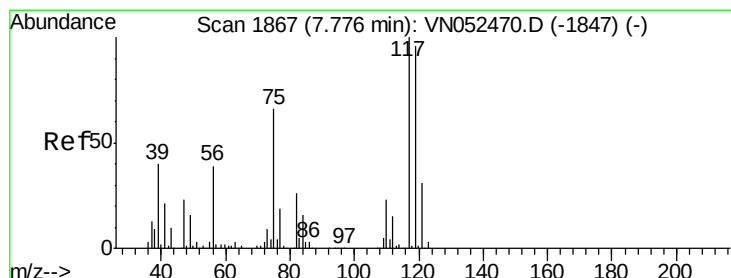
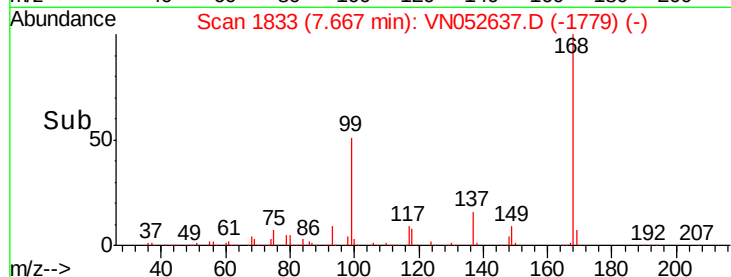
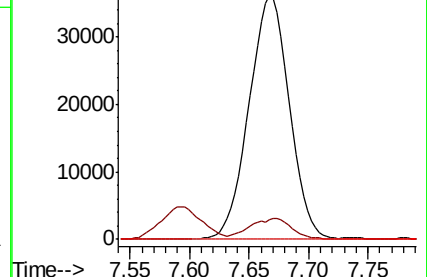
77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN052470.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN052470.D (-1849) (-)



#38

Carbon Tetrachloride

Concen: 6.737 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052637.D

Acq: 3 Dec 2018 17:49

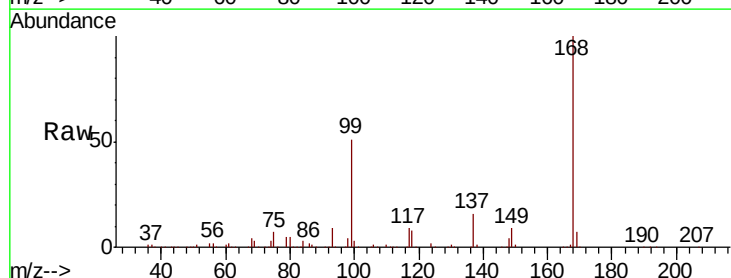
Tgt Ion: 117 Resp: 109989

Ion Ratio Lower Upper

117 100

119 5.1 76.8 115.2#

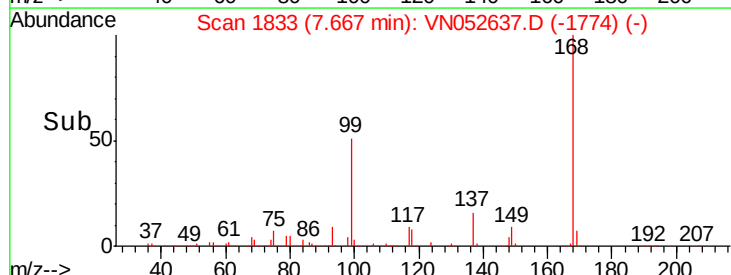
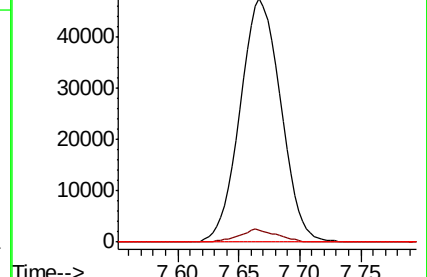
121 0.0 24.9 37.3#



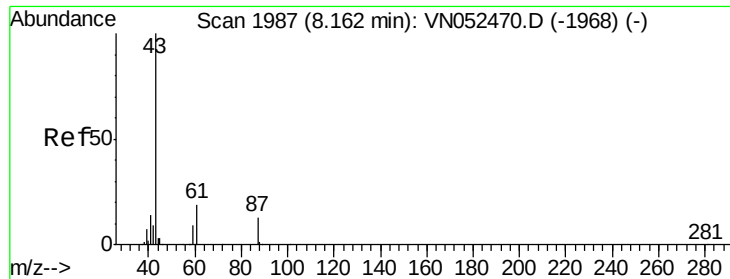
Abundance Ion 116.80 (116.50 to 117.50): VN052470.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN052470.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN052470.D (-1847) (-)







#43

Isopropyl Acetate

Concen: 3.509 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052637.D

Acq: 3 Dec 2018 17:49

Instrument :

MSVOA\_N

ClientSampleId :

PB115231ZHE#08

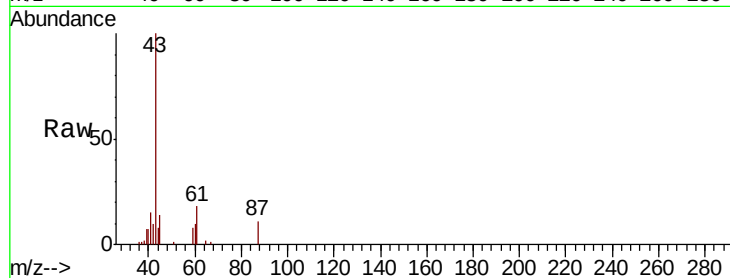
Tot Ion: 43 Resp: 65363

Ion Ratio Lower Upper

43 100

61 14.6 24.1 36.1#

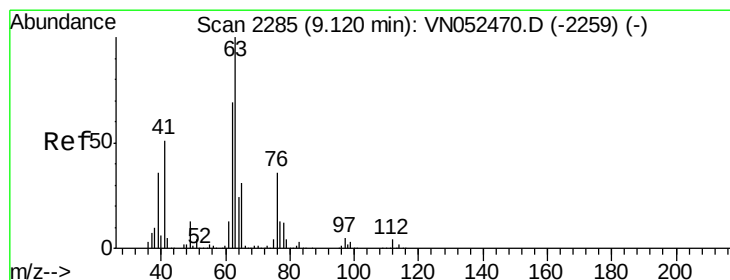
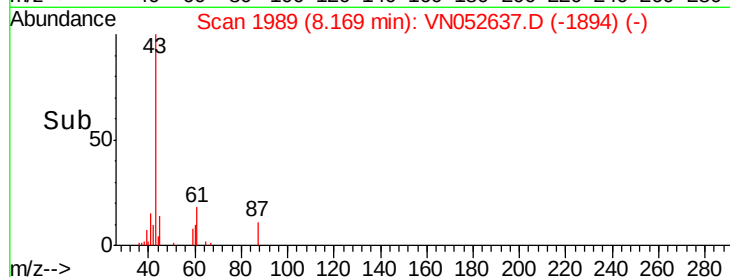
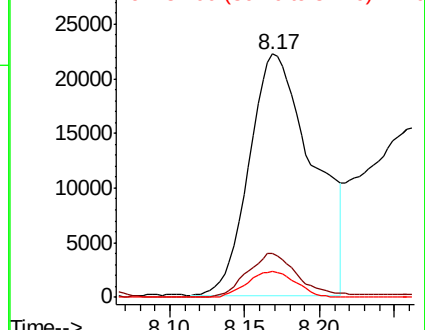
87 8.1 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)



#45

1,2-Dichloropropane

Concen: 0.240 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN052637.D

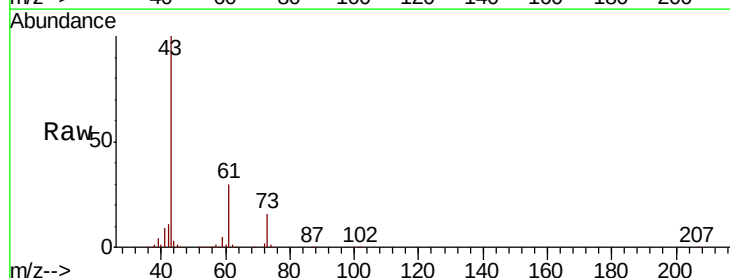
Acq: 3 Dec 2018 17:49

Tgt Ion: 63 Resp: 3424

Ion Ratio Lower Upper

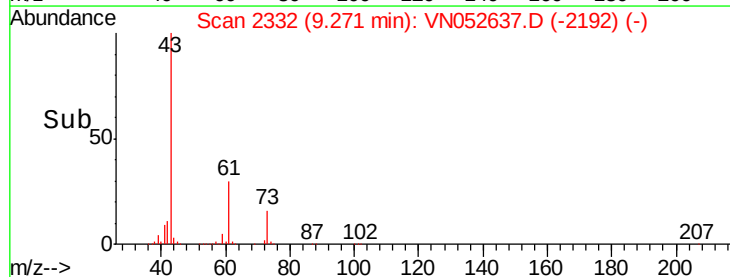
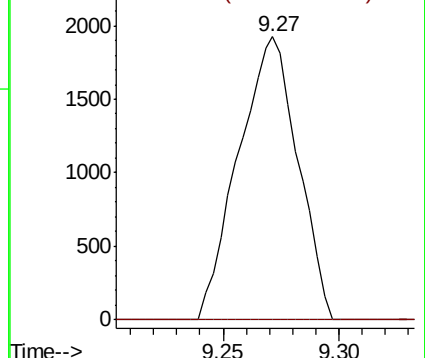
63 100

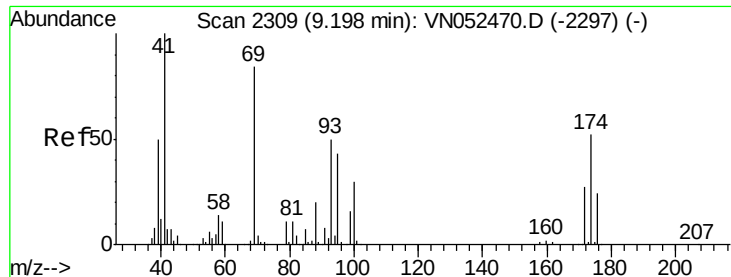
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN052470.D (-2259) (-)

Ion 64.90 (64.60 to 65.60): VN052470.D (-2259) (-)

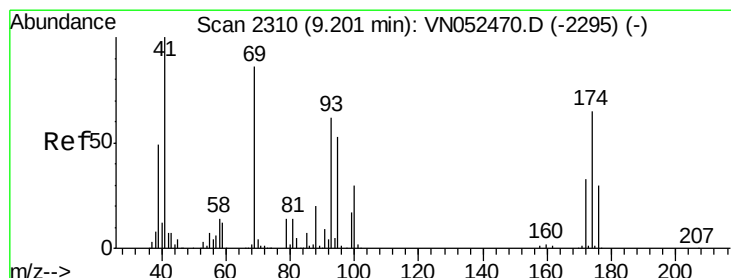
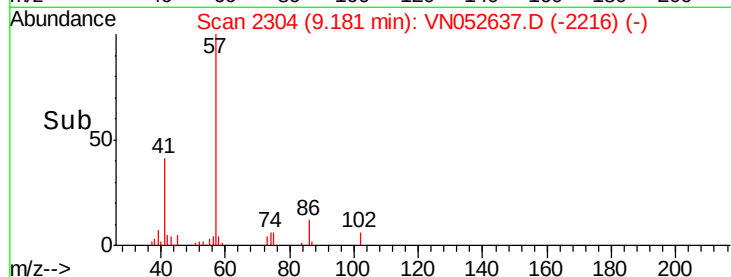
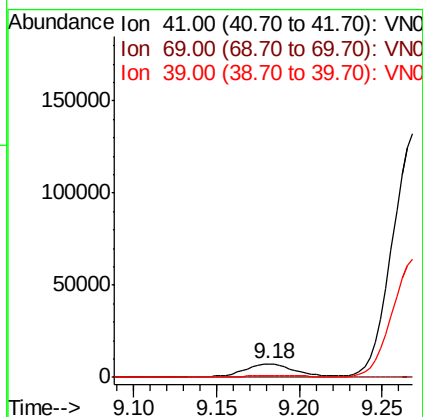
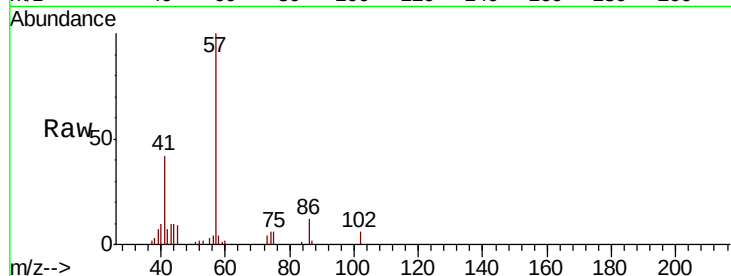




#48  
Methvl methacrylate  
Concen: 1.517 ug/l  
RT: 9.18 min Scan# 2304  
Delta R.T. -0.02 min  
Lab File: VN052637.D  
Acq: 3 Dec 2018 17:49

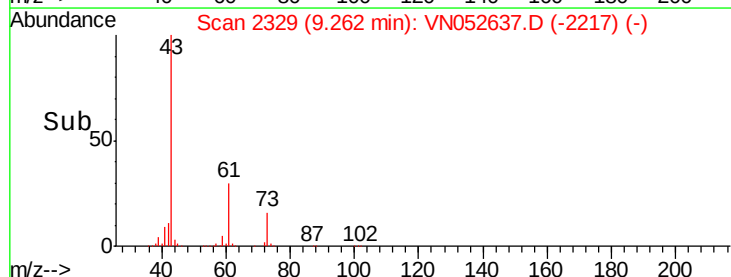
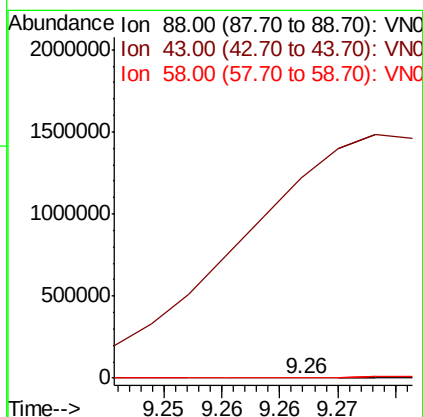
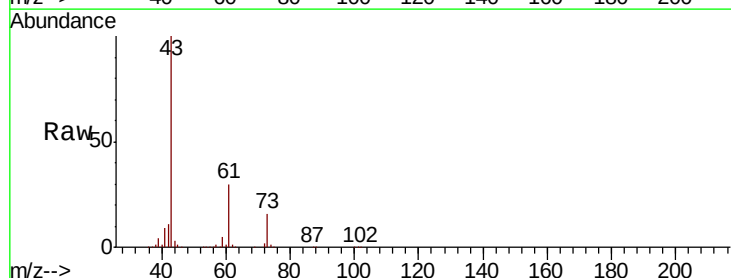
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB115231ZHE#08

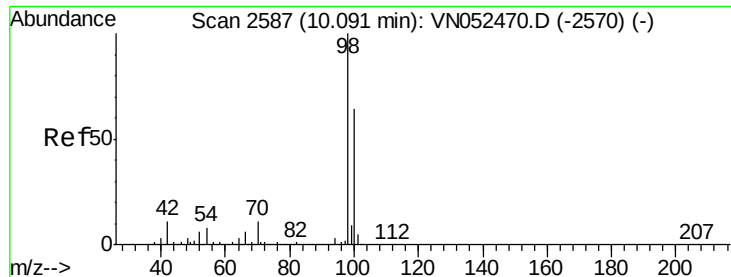
Tot Ion: 41 Resp: 14738  
Ion Ratio Lower Upper  
41 100  
69 0.0 70.0 105.0#  
39 0.0 42.6 64.0#



#49  
1,4-Dioxane  
Concen: 1.161 ug/l  
RT: 9.26 min Scan# 2329  
Delta R.T. 0.06 min  
Lab File: VN052637.D  
Acq: 3 Dec 2018 17:49

Tgt Ion: 88 Resp: 117  
Ion Ratio Lower Upper  
88 100  
43 0.0 26.4 39.6#  
58 0.0 55.4 83.0#





#50

Toluene-d8

Concen: 1.161 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052637.D

Acq: 3 Dec 2018 17:49

Instrument :

MSVOA\_N

ClientSampleId :

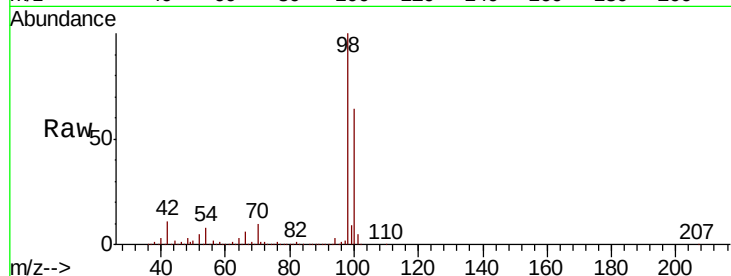
PB115231ZHE#08

Tot Ion: 98 Resp: 2348470

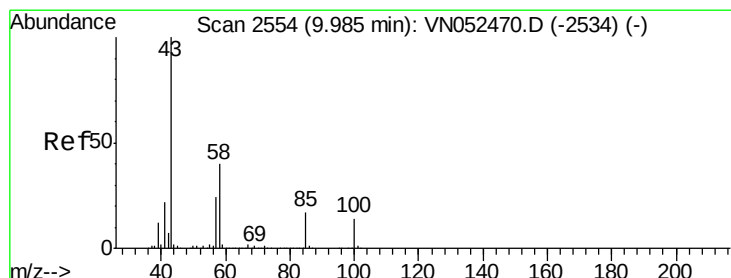
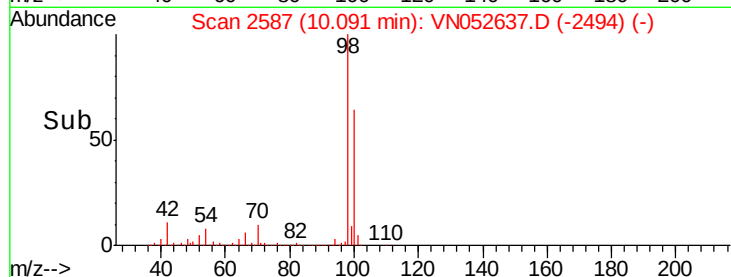
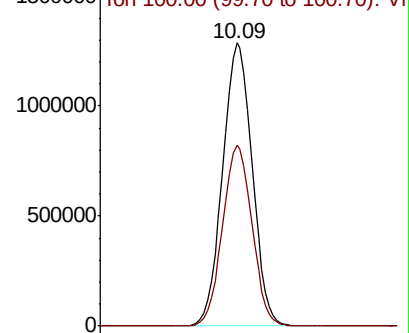
Ion Ratio Lower Upper

98 100

100 63.7 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.680 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN052637.D

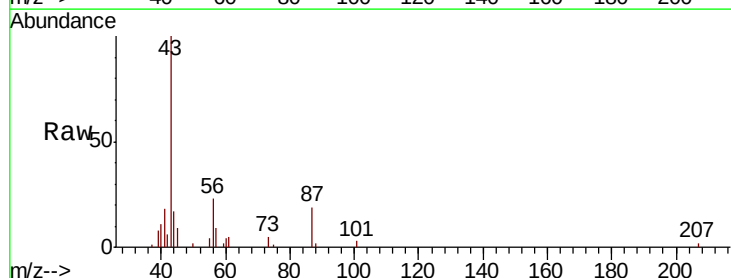
Acq: 3 Dec 2018 17:49

Tgt Ion: 43 Resp: 17554

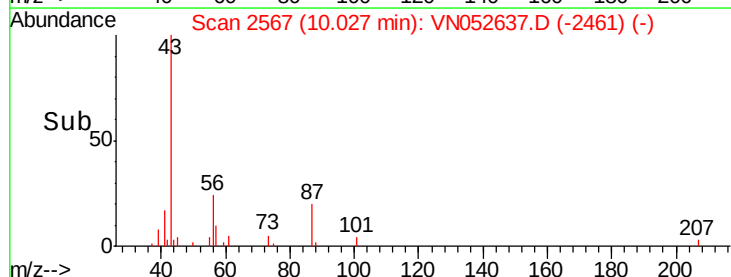
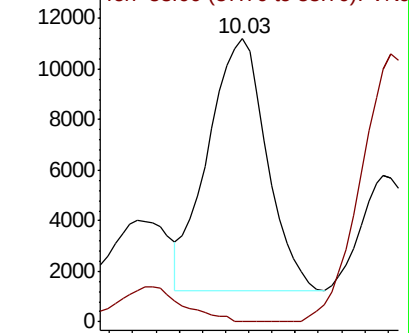
Ion Ratio Lower Upper

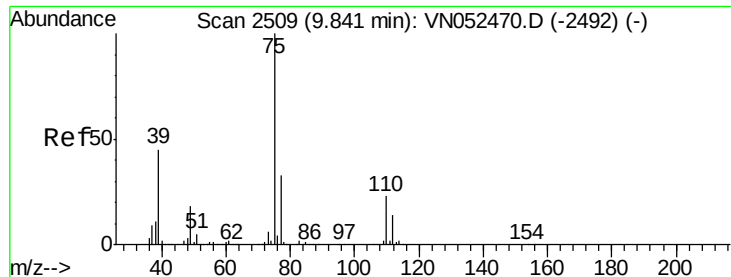
43 100

58 0.0 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-2534) (-)





#54

cis-1,3-Dichloropropene

Concen: 6.455 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052637.D

Acq: 3 Dec 2018 17:49

Instrument :

MSVOA\_N

ClientSampleId :

PB115231ZHE#08

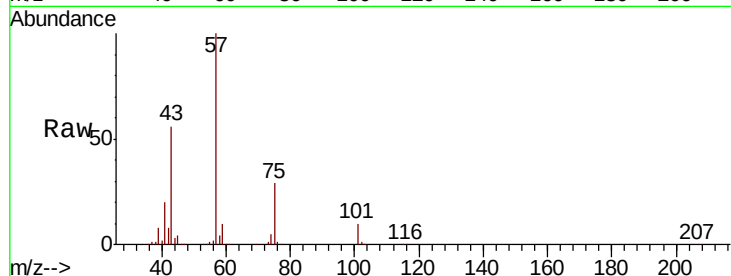
Tot Ion: 75 Resp: 127995

Ion Ratio Lower Upper

75 100

77 0.5 26.2 39.2#

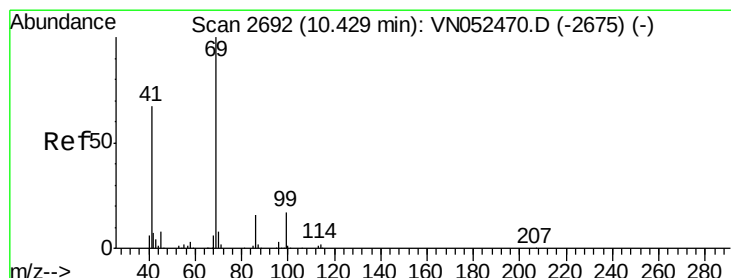
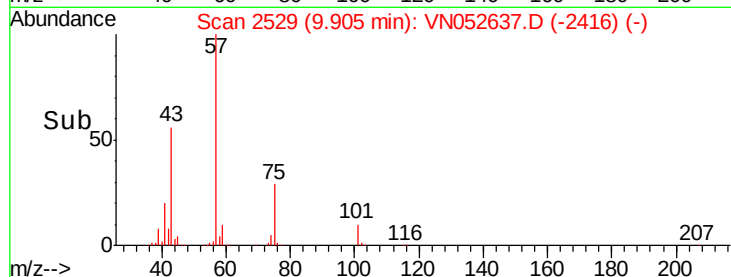
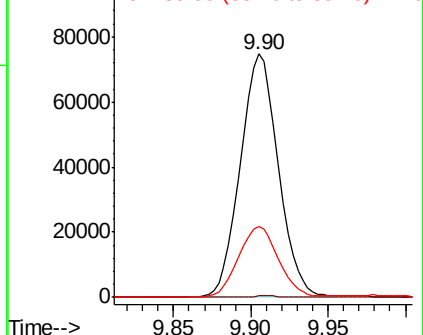
39 29.2 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#56

Ethyl methacrylate

Concen: 2.798 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN052637.D

Acq: 3 Dec 2018 17:49

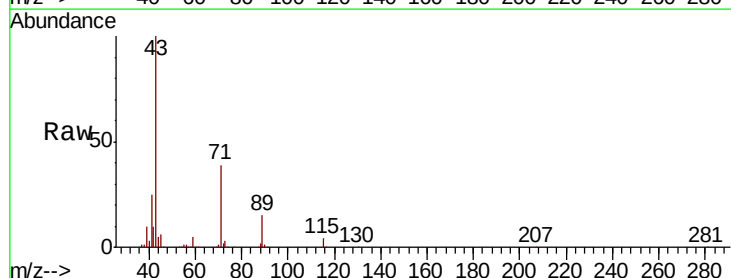
Tgt Ion: 69 Resp: 1724

Ion Ratio Lower Upper

69 100

41 5886.3 52.6 79.0#

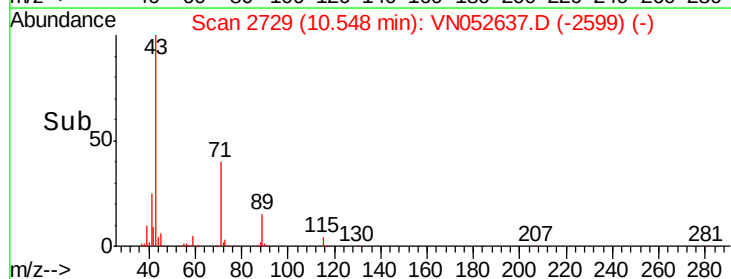
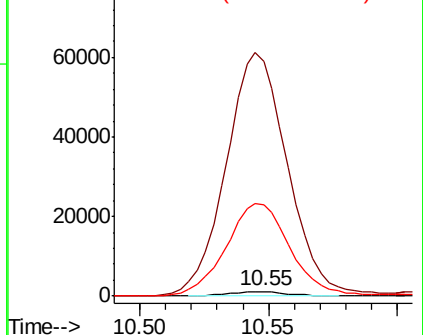
39 2357.7 25.9 38.9#

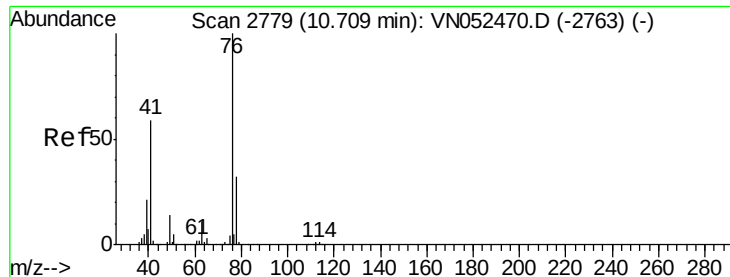


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.293 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN052637.D

Acq: 3 Dec 2018 17:49

Instrument :

MSVOA\_N

ClientSampleId :

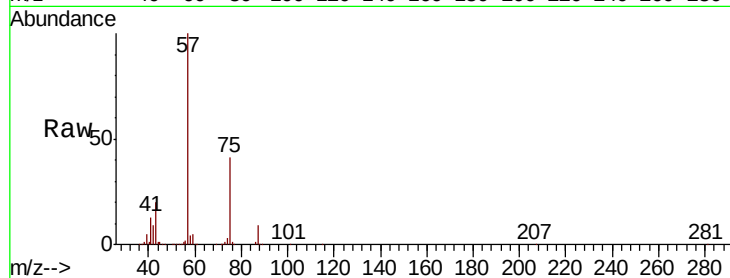
PB115231ZHE#08

Tot Ion: 76 Resp: 25646

Ion Ratio Lower Upper

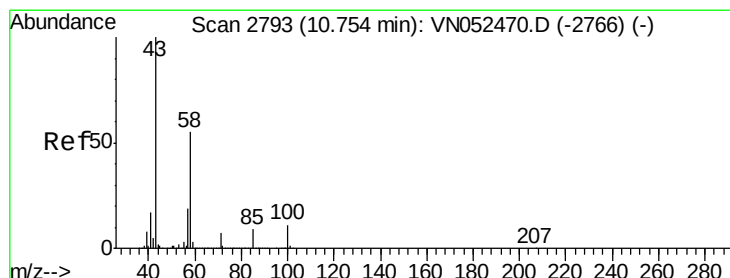
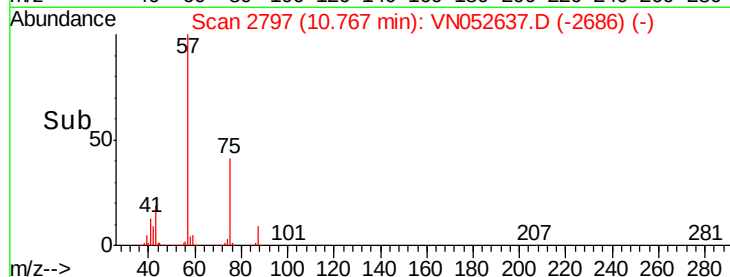
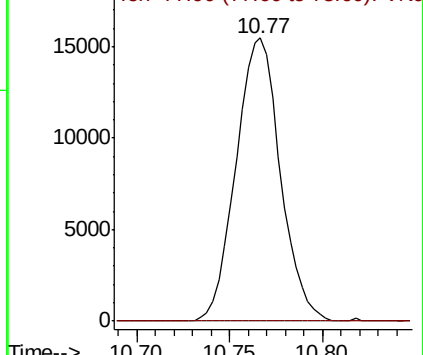
76 100

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



#59

2-Hexanone

Concen: 51.857 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN052637.D

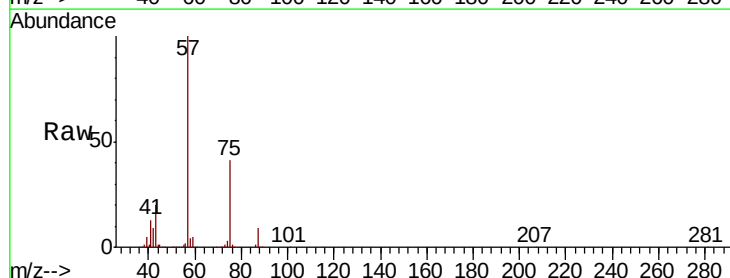
Acq: 3 Dec 2018 17:49

Tgt Ion: 43 Resp: 363724

Ion Ratio Lower Upper

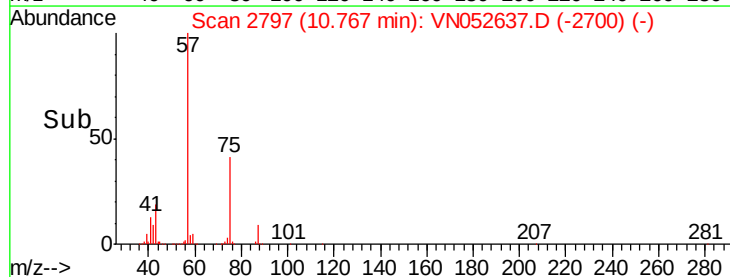
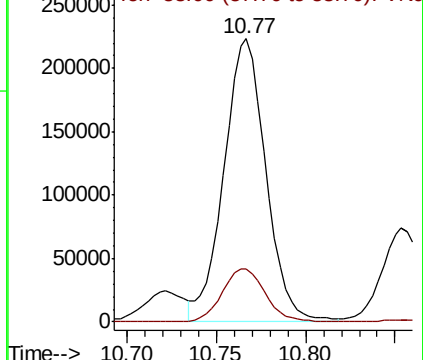
43 100

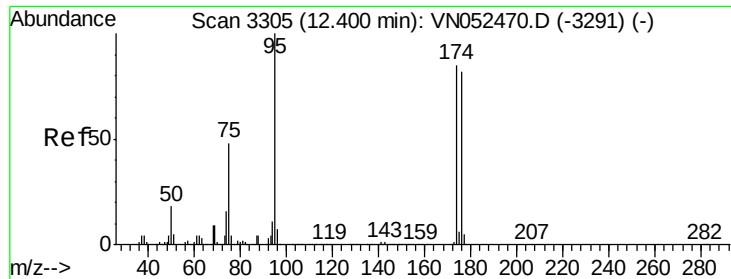
58 19.6 27.4 82.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052637.D

Acq: 3 Dec 2018 17:49

Instrument :

MSVOA\_N

ClientSampleId :

PB115231ZHE#08

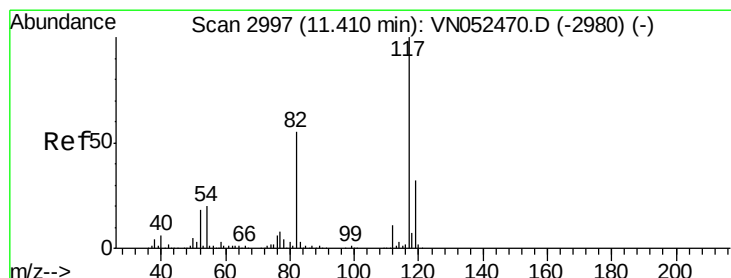
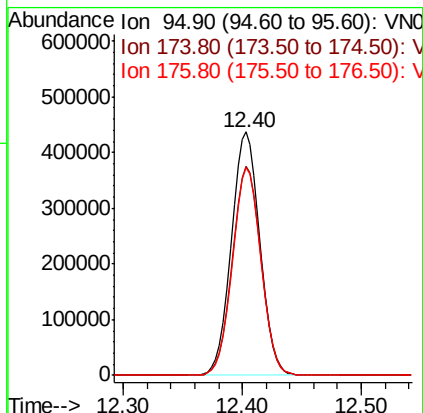
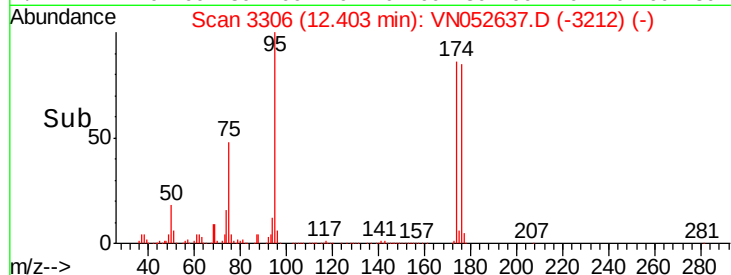
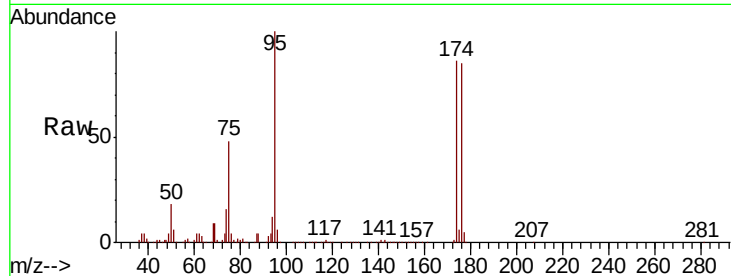
Tot Ion: 95 Resp: 721415

Ion Ratio Lower Upper

95 100

174 87.0 0.0 173.0

176 85.2 0.0 166.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN052637.D

Acq: 3 Dec 2018 17:49

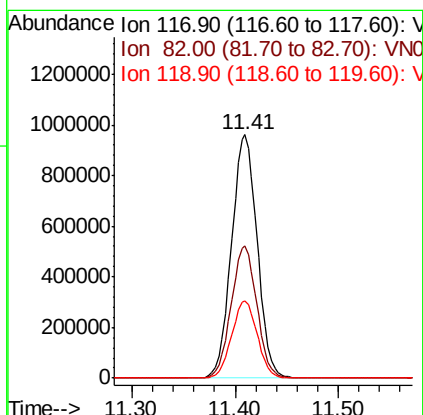
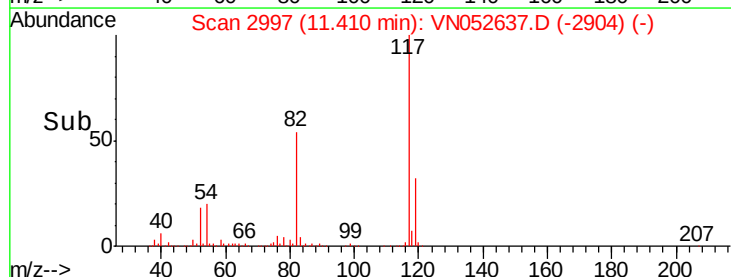
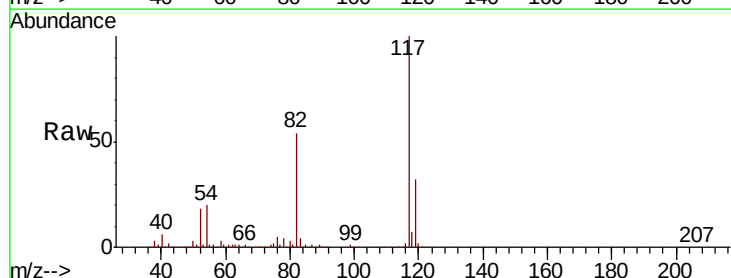
Tgt Ion: 117 Resp: 1663064

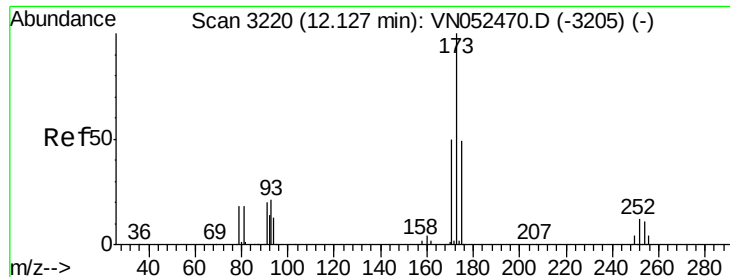
Ion Ratio Lower Upper

117 100

82 54.1 43.6 65.4

119 31.8 25.4 38.2





#71

Bromoform

Concen: 0.534 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN052637.D

Acq: 3 Dec 2018 17:49

Instrument :

MSVOA\_N

ClientSampleId :

PB115231ZHE#08

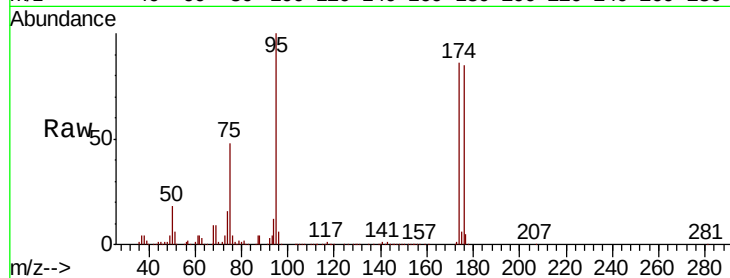
Tot Ion:173 Resp: 4215

Ion Ratio Lower Upper

173 100

175 878.2 24.4 73.2#

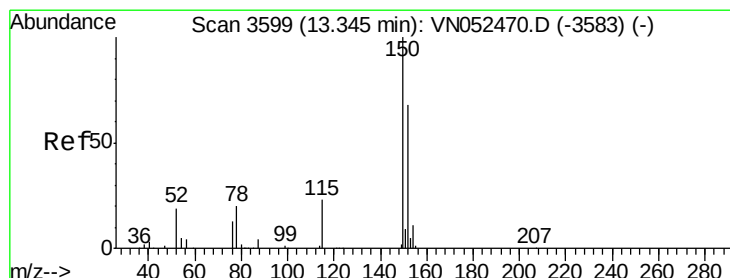
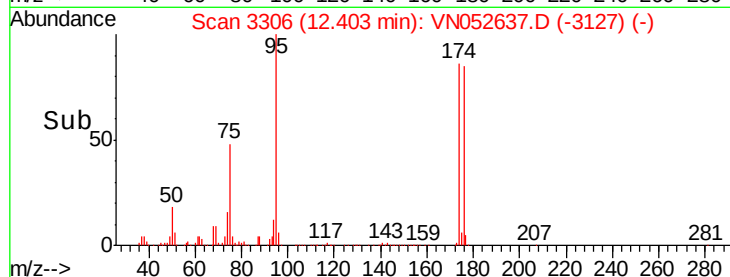
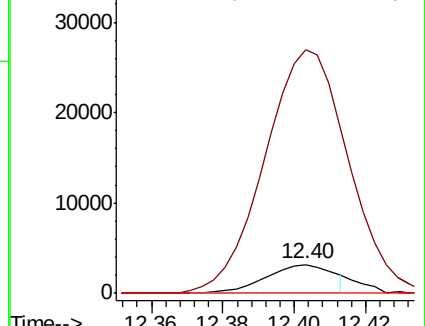
254 0.0 0.1 0.1#



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: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052637.D

Acq: 3 Dec 2018 17:49

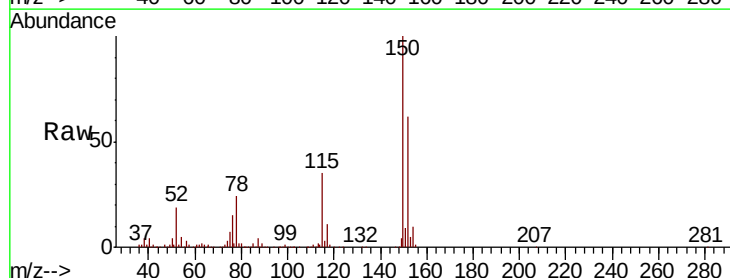
Tgt Ion:152 Resp: 595841

Ion Ratio Lower Upper

152 100

115 56.4 28.4 85.2

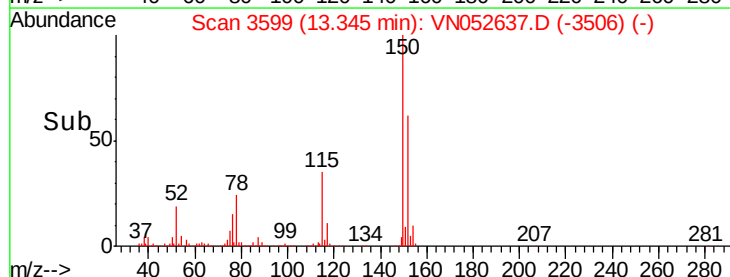
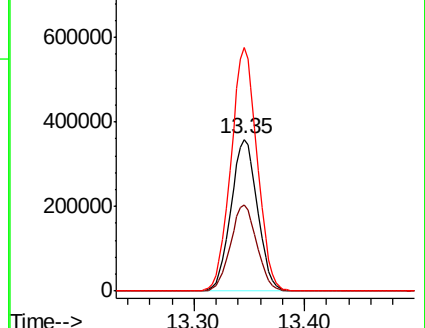
150 158.9 0.0 346.0

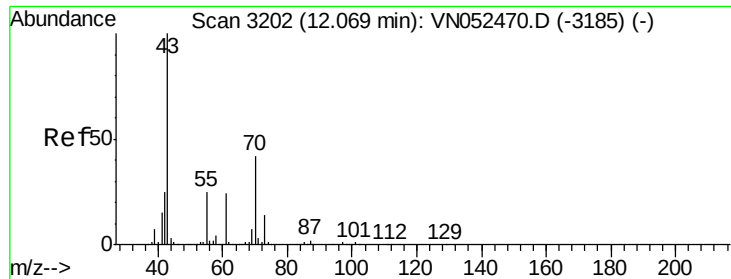


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 3.533 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN052637.D

Acq: 3 Dec 2018 17:49

Instrument :

MSVOA\_N

ClientSampleId :

PB115231ZHE#08

Tot Ion: 43 Resp: 41724

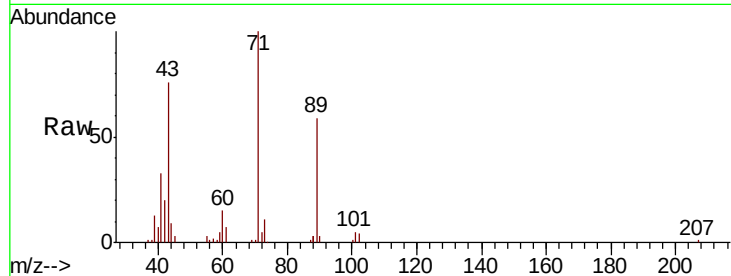
Ion Ratio Lower Upper

43 100

70 2.1 33.8 50.8#

55 4.4 20.0 30.0#

61 9.6 19.7 29.5#

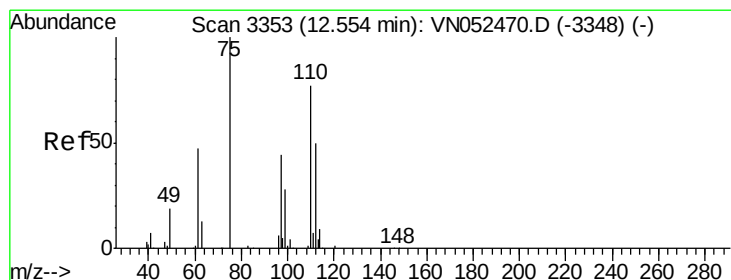
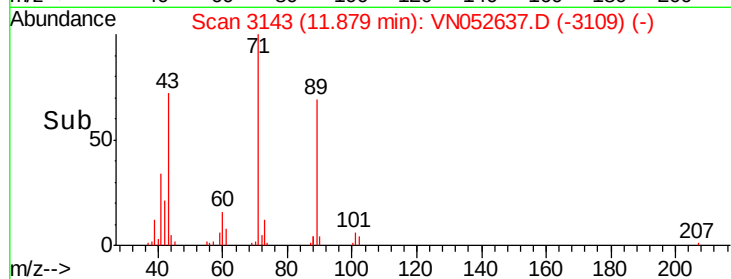
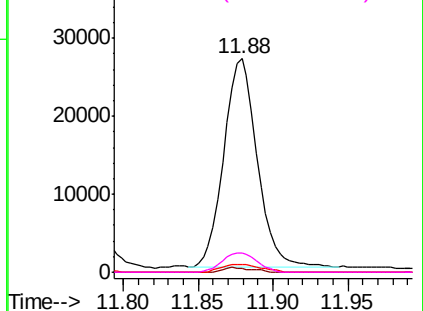


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 37.469 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052637.D

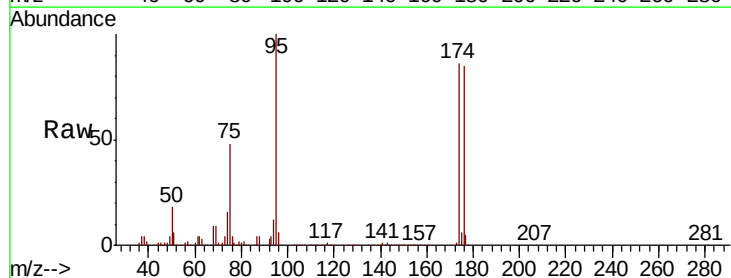
Acq: 3 Dec 2018 17:49

Tgt Ion: 75 Resp: 344274

Ion Ratio Lower Upper

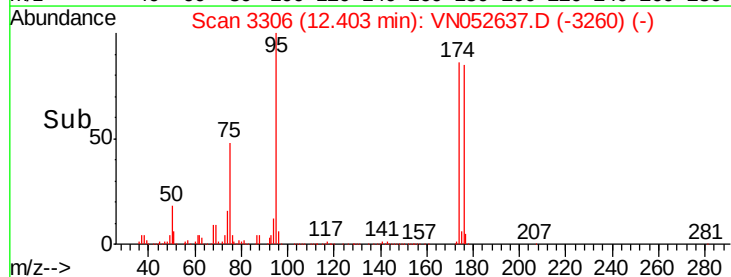
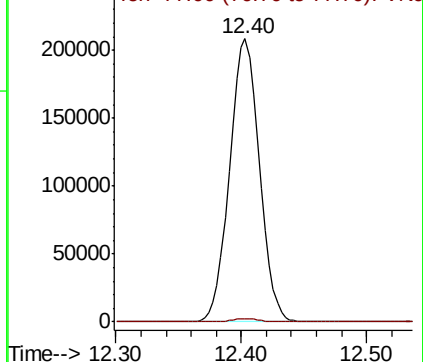
75 100

77 1.1 0.0 0.0#

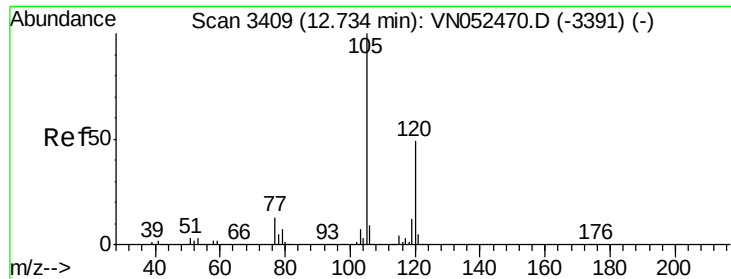


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



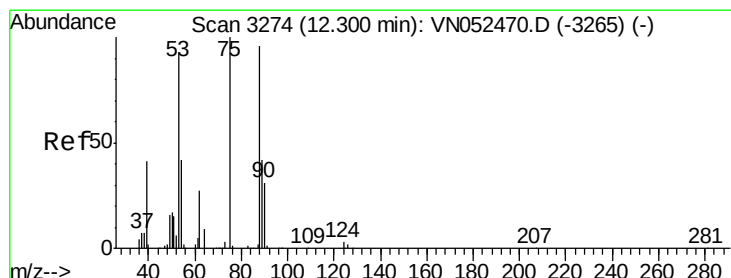
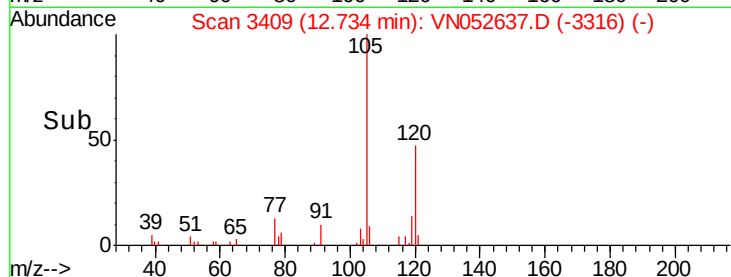
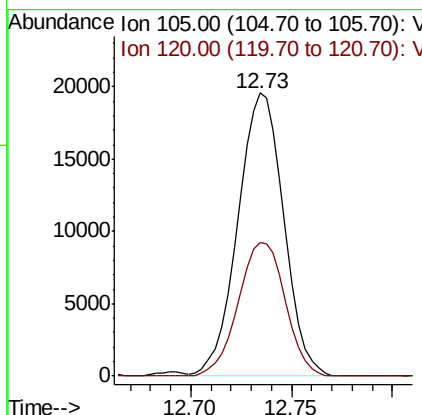
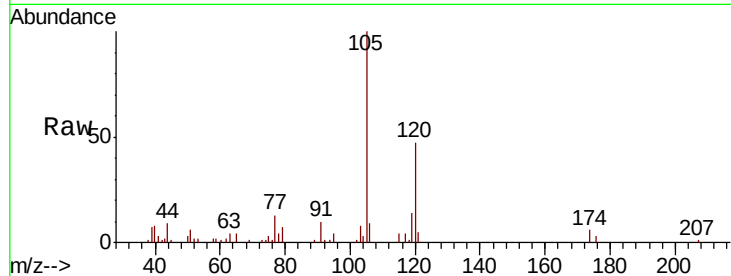




#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.836 ug/l  
 RT: 12.73 min Scan# 3409  
 Delta R.T. -0.00 min  
 Lab File: VN052637.D  
 Acq: 3 Dec 2018 17:49

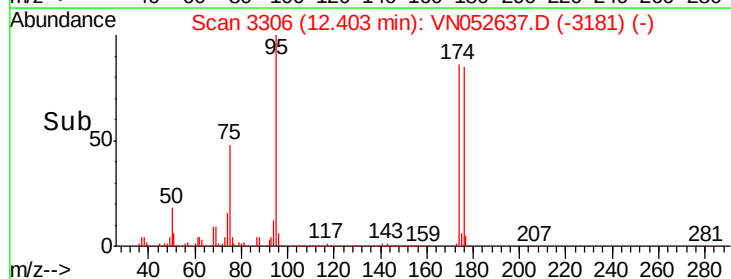
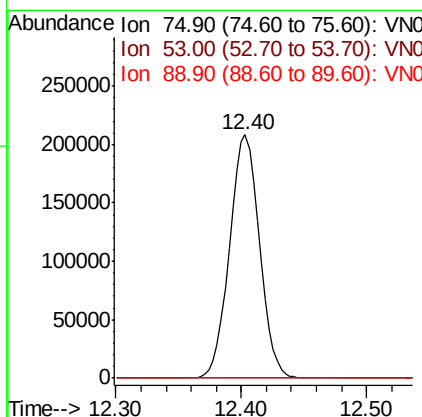
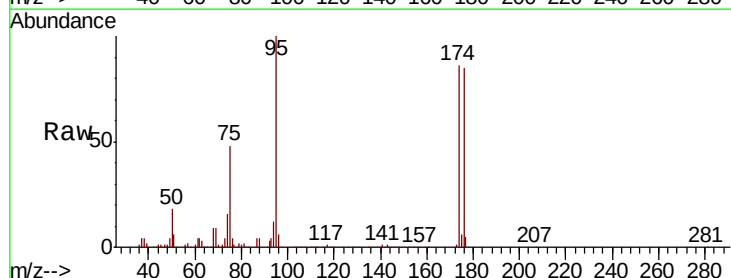
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB115231ZHE#08

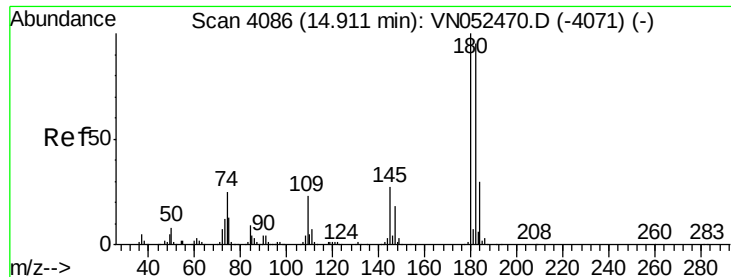
Tot Ion:105 Resp: 31171  
 Ion Ratio Lower Upper  
 105 100  
 120 48.5 24.3 73.0



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 125.129 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.10 min  
 Lab File: VN052637.D  
 Acq: 3 Dec 2018 17:49

Tgt Ion: 75 Resp: 344274  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 77.4 116.0#  
 89 0.0 35.4 53.2#





#93

1,2,4-Trichlorobenzene

Concen: 2.880 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN052637.D

Acq: 3 Dec 2018 17:49

Instrument :

MSVOA\_N

ClientSampleId :

PB115231ZHE#08

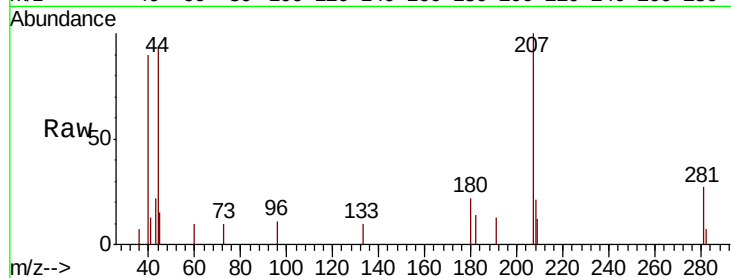
Tot Ion:180 Resp: 569

Ion Ratio Lower Upper

180 100

182 77.7 47.8 143.4

145 0.0 14.1 42.3#

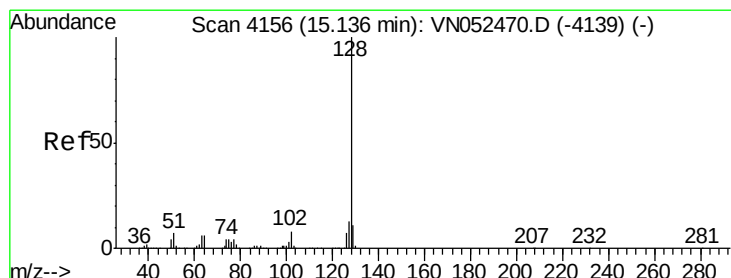
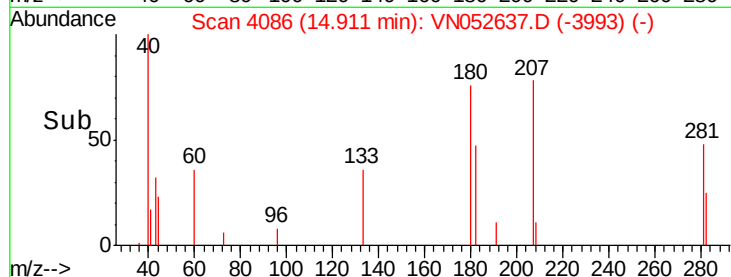


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

Time--> 14.88 14.90 14.92 14.94



#95

Naphthalene

Concen: 3.464 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052637.D

Acq: 3 Dec 2018 17:49

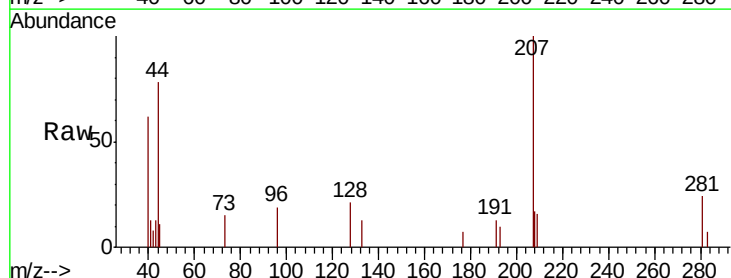
Tgt Ion:128 Resp: 851

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.7 13.1#

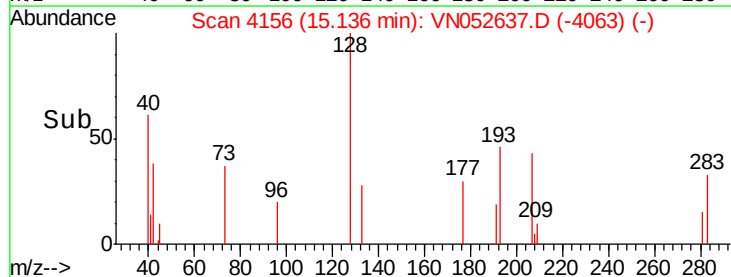


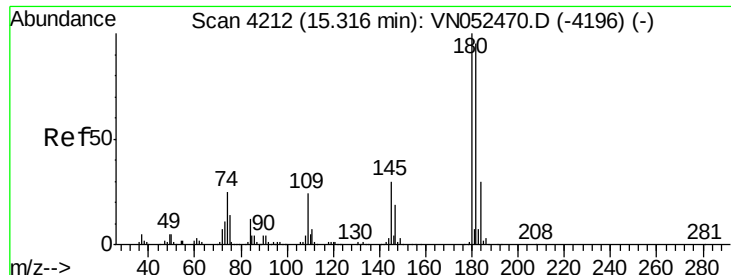
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

Time--> 15.10 15.15

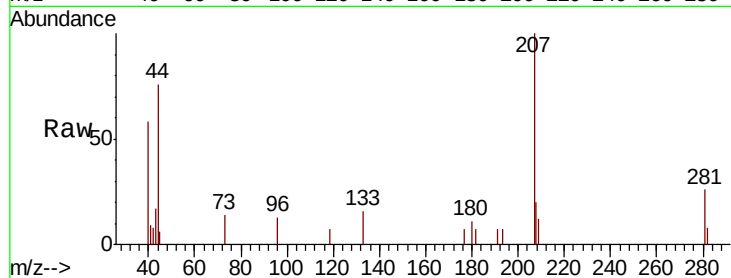




#96  
 1,2,3-Trichlorobenzene  
 Concen: 2.761 ug/l  
 RT: 15.32 min Scan# 4212  
 Delta R.T. 0.00 min  
 Lab File: VN052637.D  
 Acq: 3 Dec 2018 17:49

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB115231ZHE#08

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.0  | 47.8  | 143.3 |
| 145     | 0.0   | 15.2  | 45.5  |



Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.90 (144.60 to 145.60): V

