

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102518\  
 Data File : VN052007.D  
 Acq On : 25 Oct 2018 13:08  
 Operator : MD\SY  
 Sample : J5652-04  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 10 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VB16206-VB16207-V236-VB16209-V

Quant Time: Oct 26 01:11:29 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102318W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 24 10:12:55 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 1111872  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1628276  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1543210  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 678838   | 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   | 576007   | 58.17 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 116.34% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 600248   | 57.77 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 115.54% |          |
| 50) Toluene-d8              | 10.09 | 98   | 2243264  | 59.75 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 119.50% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 699347   | 54.19 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 108.38% |          |

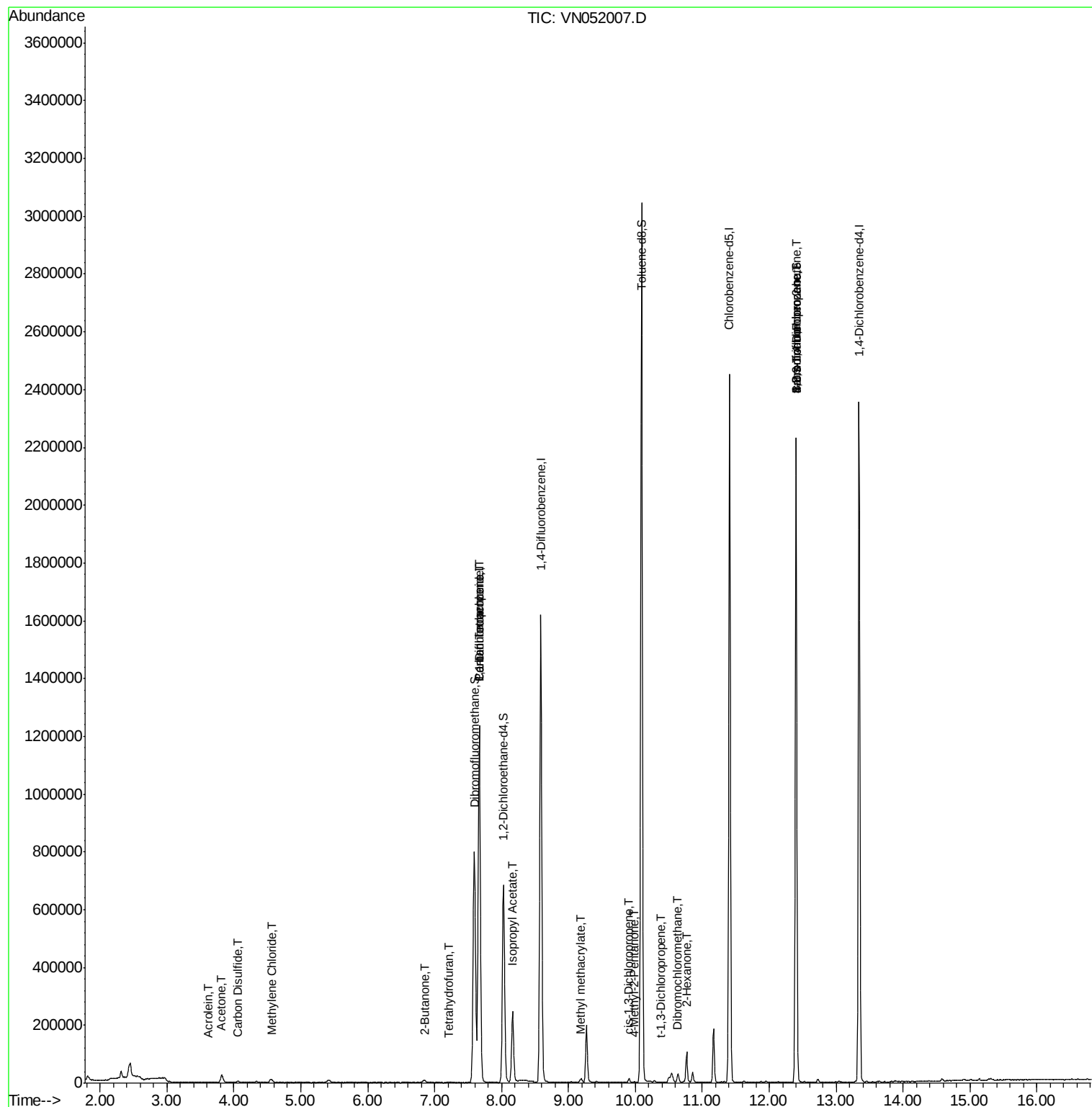
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 13) Acrolein                   | 3.61  | 56   | 152      | 37.711    | ug/l # | 76     |
| 16) Acetone                    | 3.82  | 43   | 41725    | 25.574    | ug/l   | 100    |
| 17) Carbon Disulfide           | 4.06  | 76   | 6443     | 0.333     | ug/l # | 75     |
| 18) Methyl Acetate             | 4.34  | 43   | 6372     | Below Cal | #      | 76     |
| 20) Methylene Chloride         | 4.55  | 84   | 5021     | 0.525     | ug/l   | 95     |
| 25) 2-Butanone                 | 6.85  | 43   | 13267    | 5.704     | ug/l   | 97     |
| 29) Tetrahydrofuran            | 7.21  | 42   | 1279     | 0.812     | ug/l # | 27     |
| 31) Cyclohexane                | 7.66  | 56   | 16419    | Below Cal | #      | 22     |
| 36) 1,1-Dichloropropene        | 7.67  | 75   | 64451    | 5.160     | ug/l # | 48     |
| 37) Ethyl Acetate              | 6.98  | 43   | 414      | Below Cal | #      | 64     |
| 38) Carbon Tetrachloride       | 7.67  | 117  | 99026    | 6.906     | ug/l # | 15     |
| 43) Isopropyl Acetate          | 8.17  | 43   | 273993   | 26.193    | ug/l   | 99     |
| 48) Methyl methacrylate        | 9.18  | 41   | 6768     | 1.339     | ug/l # | 10     |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 2084     | 0.362     | ug/l # | 86     |
| 53) t-1,3-Dichloropropene      | 10.39 | 75   | 71       | 1.249     | ug/l # | 1      |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 2750     | 0.206     | ug/l # | 69     |
| 59) 2-Hexanone                 | 10.76 | 43   | 13819    | 3.575     | ug/l # | 52     |
| 60) Dibromochloromethane       | 10.63 | 129  | 280      | 2.000     | ug/l # | 11     |
| 71) Bromoform                  | 12.40 | 173  | 5620     | 4.321     | ug/l # | 1      |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 339914   | 48.476    | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 339914   | 152.431   | ug/l # | 12     |

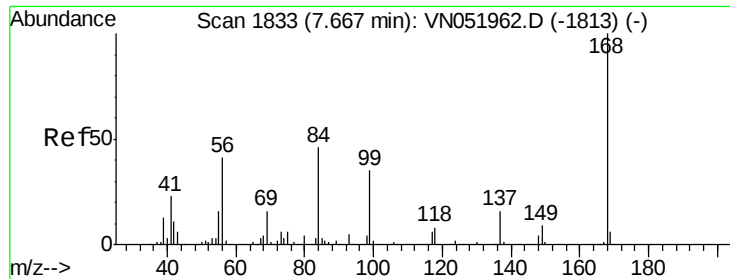
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102518\  
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ALS Vial : 10 Sample Multiplier: 28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VB16206-VB16207-V236-VB16209-V

Quant Time: Oct 26 01:11:29 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N102318W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 24 10:12:55 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: VN052007.D

Acq: 25 Oct 2018 13:08

Instrument :

MSVOA\_N

ClientSampleId :

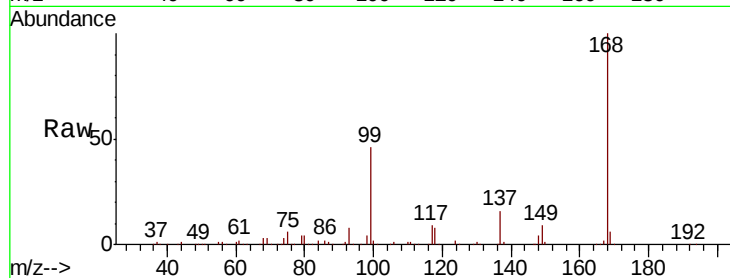
VB16206-VB16207-V236-VB16209-V

Tot Ion:168 Resp: 1111872

Ion Ratio Lower Upper

168 100

99 46.0 37.8 56.6



Abundance Ion 167.90 (167.60 to 168.60): VN051962.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051962.D (-1813) (-)

7.67

500000

400000

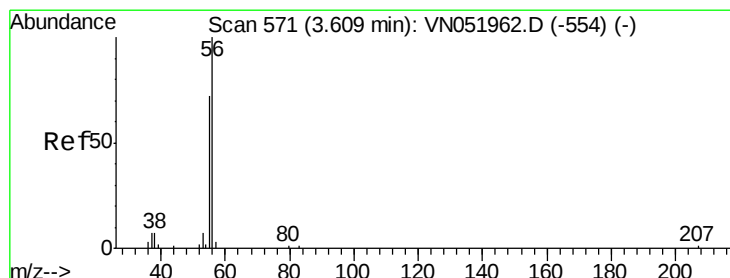
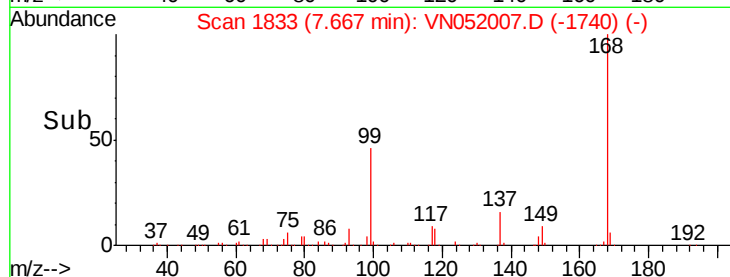
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 37.711 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN052007.D

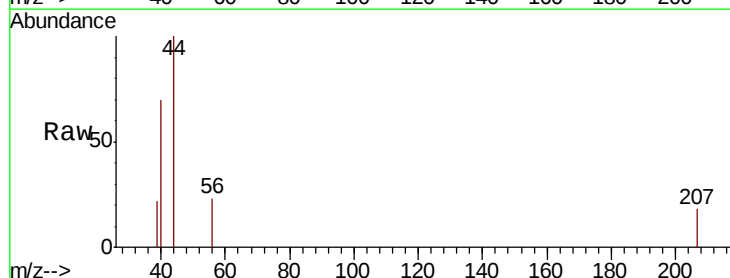
Acq: 25 Oct 2018 13:08

Tgt Ion: 56 Resp: 152

Ion Ratio Lower Upper

56 100

55 90.1 56.6 84.8#



Abundance Ion 56.00 (55.70 to 56.70): VN051962.D (-554) (-)

Ion 55.00 (54.70 to 55.70): VN051962.D (-554) (-)

3.61

250

200

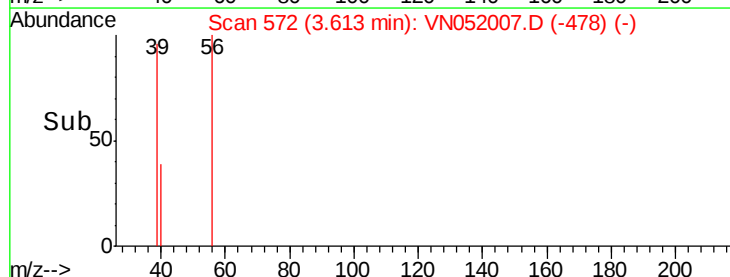
150

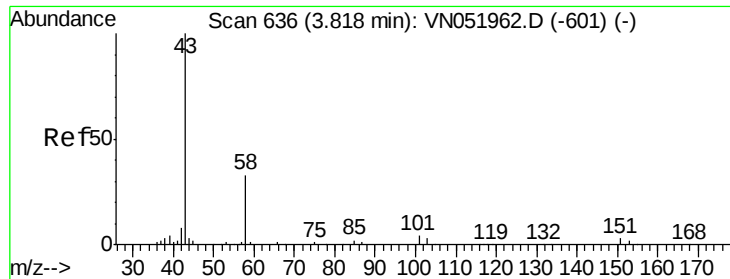
100

50

0

Time-->





#16

Acetone

Concen: 25.574 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052007.D

Acq: 25 Oct 2018 13:08

Instrument :

MSVOA\_N

ClientSampleId :

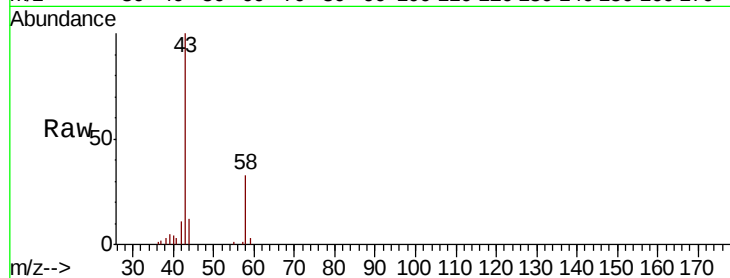
VB16206-VB16207-V236-VB16209-V

Tot Ion: 43 Resp: 41725

Ion Ratio Lower Upper

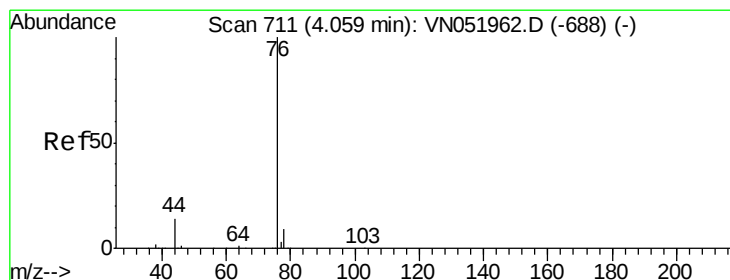
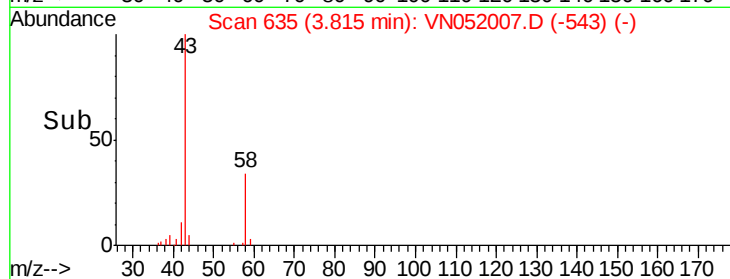
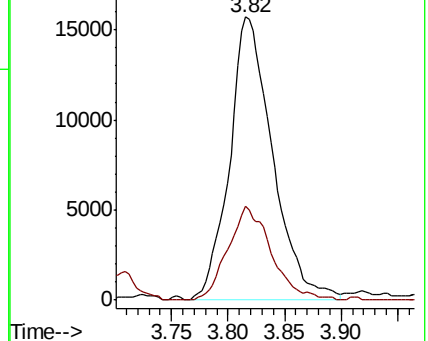
43 100

58 33.3 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN051962.D (-601) (-)



#17

Carbon Disulfide

Concen: 0.333 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052007.D

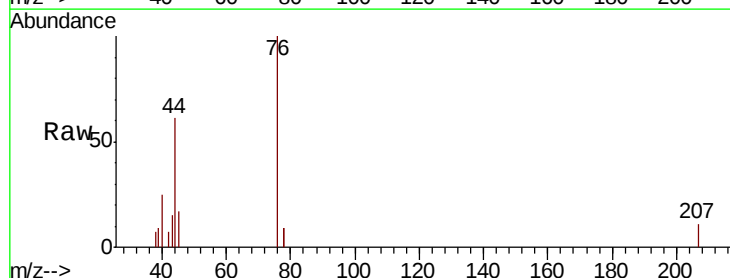
Acq: 25 Oct 2018 13:08

Tgt Ion: 76 Resp: 6443

Ion Ratio Lower Upper

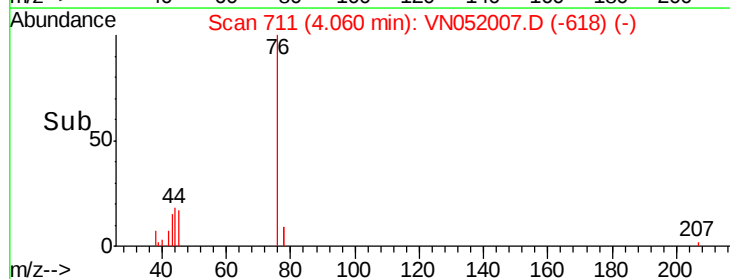
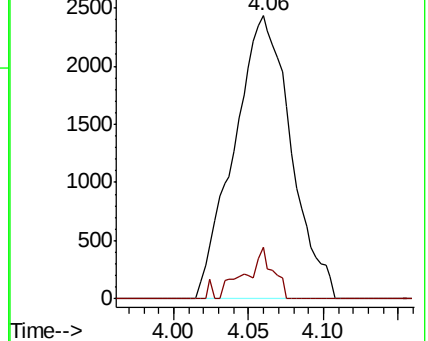
76 100

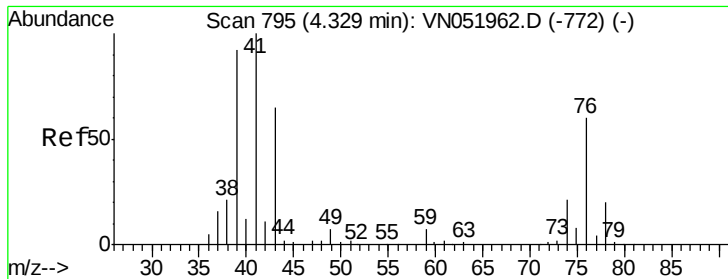
78 18.1 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN051962.D (-688) (-)

Ion 77.90 (77.60 to 78.60): VN051962.D (-688) (-)

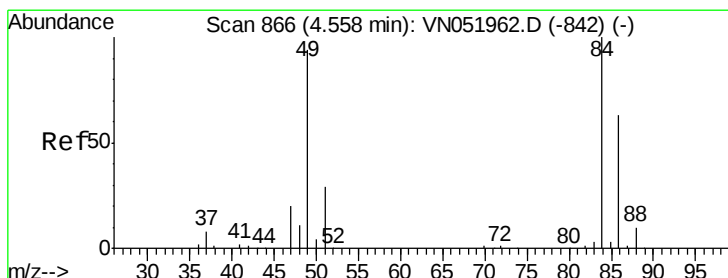
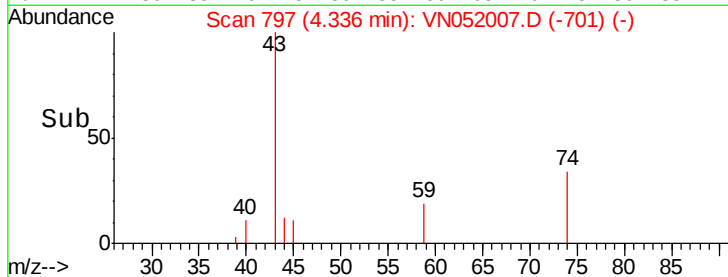
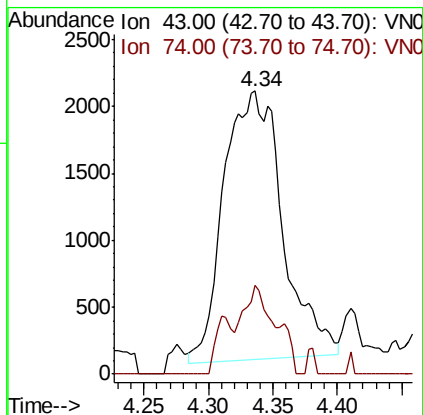
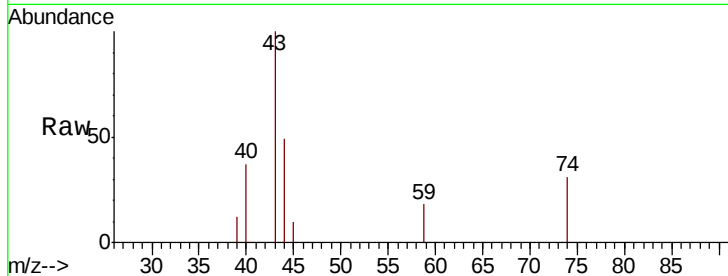




#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.34 min Scan# 797  
Delta R.T. 0.01 min  
Lab File: VN052007.D  
Acq: 25 Oct 2018 13:08

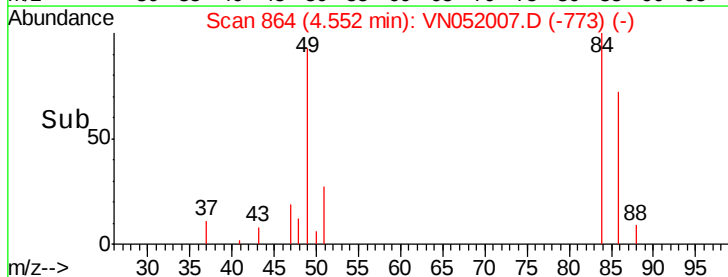
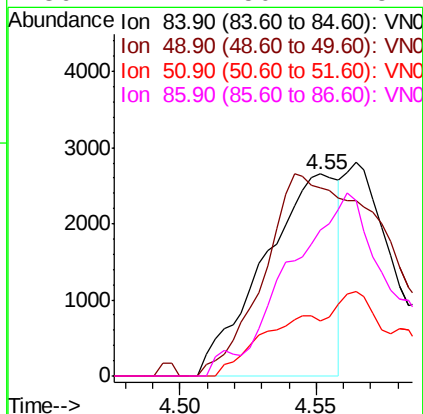
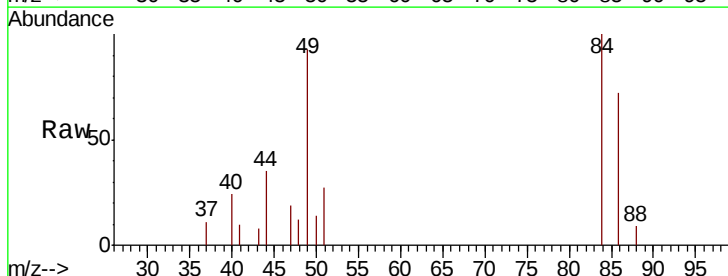
Instrument :  
MSVOA\_N  
ClientSampleId :  
VB16206-VB16207-V236-VB16209-V

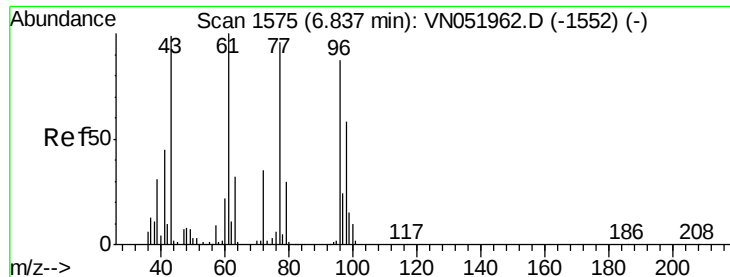
Tot Ion: 43 Resp: 6372  
Ion Ratio Lower Upper  
43 100  
74 18.5 25.7 38.5#



#20  
Methylene Chloride  
Concen: 0.525 ug/l  
RT: 4.55 min Scan# 864  
Delta R.T. -0.01 min  
Lab File: VN052007.D  
Acq: 25 Oct 2018 13:08

Tgt Ion: 84 Resp: 5021  
Ion Ratio Lower Upper  
84 100  
49 93.4 75.4 113.0  
51 27.4 23.1 34.7  
86 72.2 50.2 75.4





#25

2-Butanone

Concen: 5.704 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VN052007.D

Acq: 25 Oct 2018 13:08

Instrument :

MSVOA\_N

ClientSampleId :

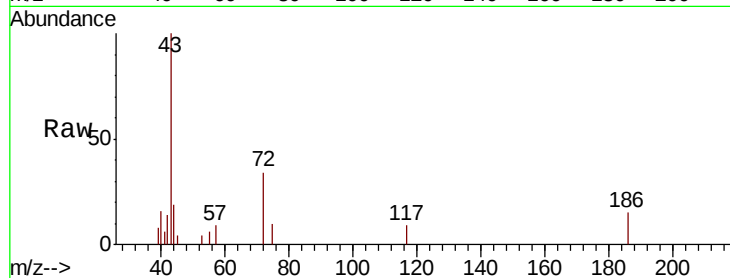
VB16206-VB16207-V236-VB16209-V

Tot Ion: 43 Resp: 13267

Ion Ratio Lower Upper

43 100

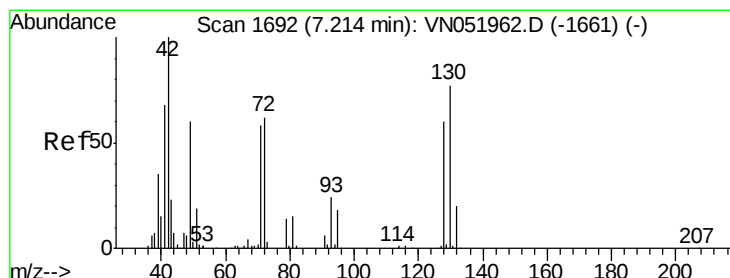
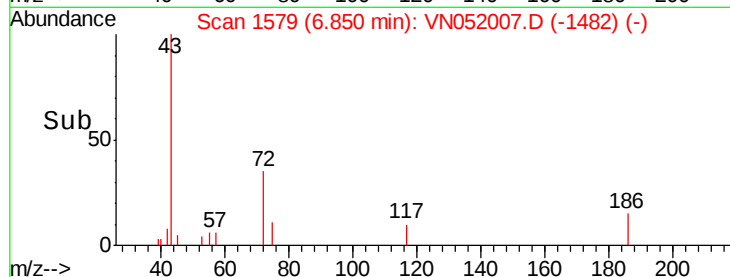
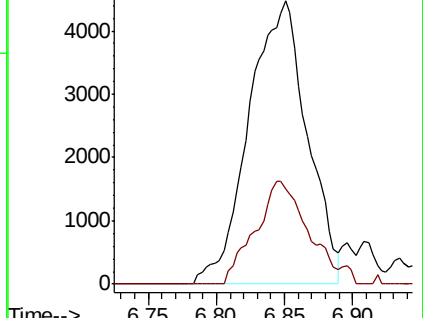
72 33.6 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-1552) (-)

Ion 72.00 (71.70 to 72.70): VN051962.D (-1552) (-)

6.85



#29

Tetrahydrofuran

Concen: 0.812 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN052007.D

Acq: 25 Oct 2018 13:08

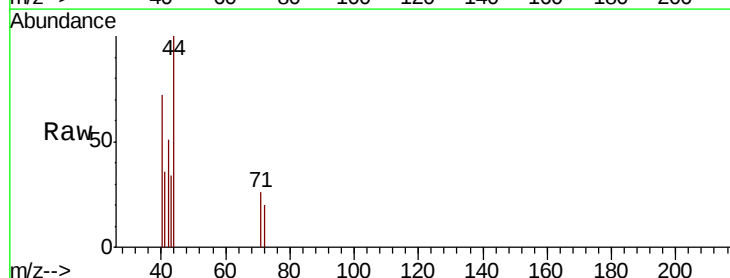
Tgt Ion: 42 Resp: 1279

Ion Ratio Lower Upper

42 100

72 8.1 47.5 71.3#

71 0.0 45.4 68.2#

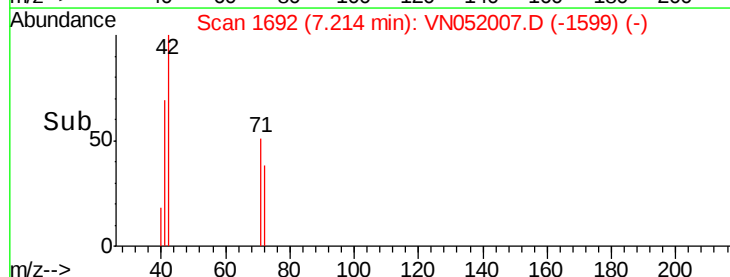
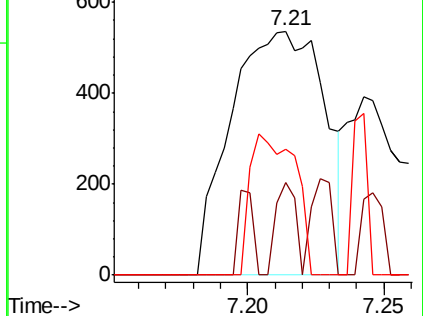


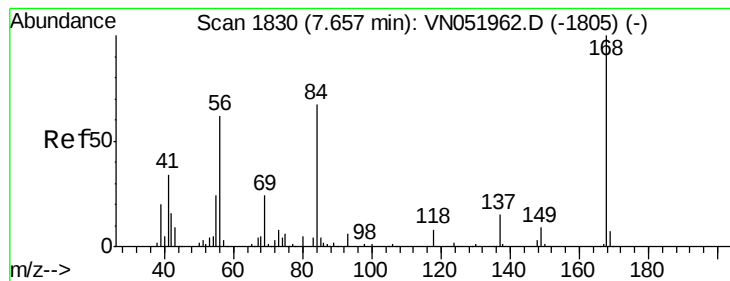
Abundance Ion 42.00 (41.70 to 42.70): VN051962.D (-1661) (-)

Ion 72.00 (71.70 to 72.70): VN051962.D (-1661) (-)

Ion 71.00 (70.70 to 71.70): VN051962.D (-1661) (-)

7.21





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN052007.D

Acq: 25 Oct 2018 13:08

Instrument :

MSVOA\_N

ClientSampleId :

VB16206-VB16207-V236-VB16209-V

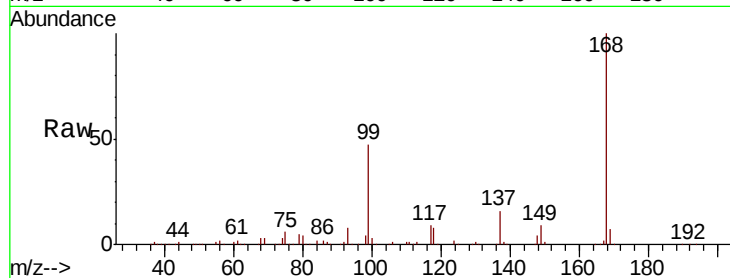
Tot Ion: 56 Resp: 16419

Ion Ratio Lower Upper

56 100

69 181.0 31.2 46.8#

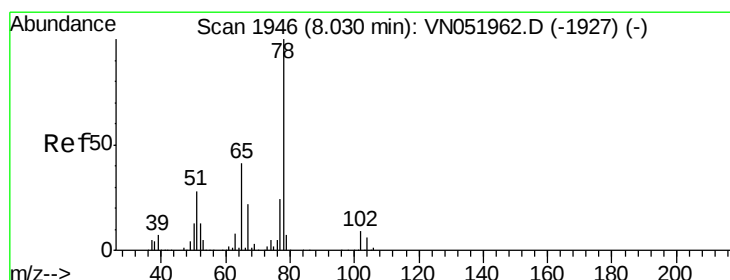
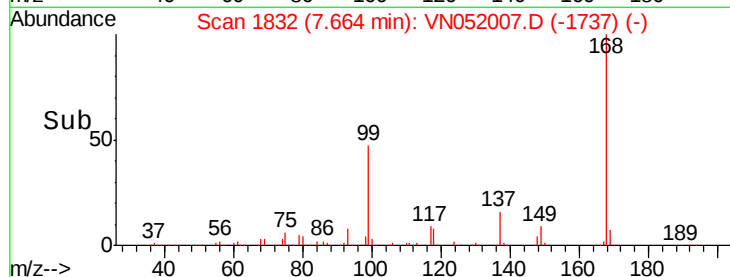
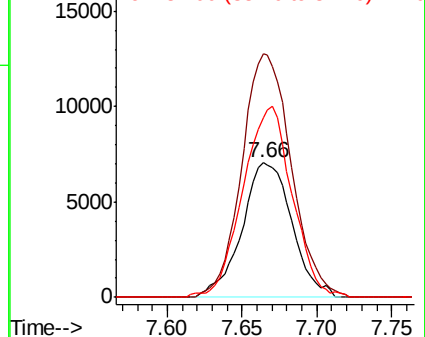
84 131.3 86.3 129.5#



Abundance Ion 56.00 (55.70 to 56.70): VN051962.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN051962.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN051962.D (-1805) (-)



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052007.D

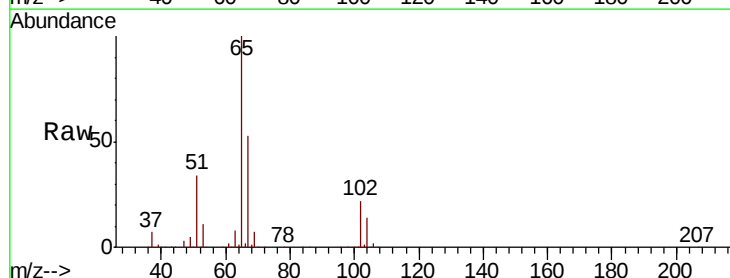
Acq: 25 Oct 2018 13:08

Tgt Ion: 65 Resp: 576007

Ion Ratio Lower Upper

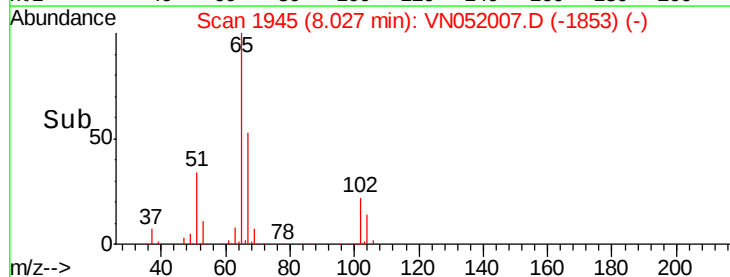
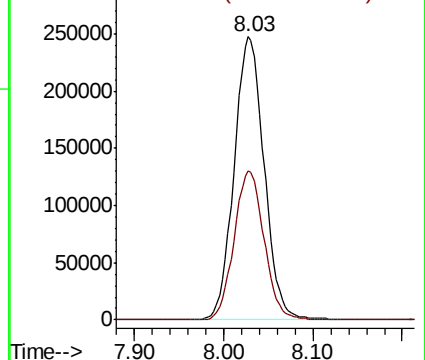
65 100

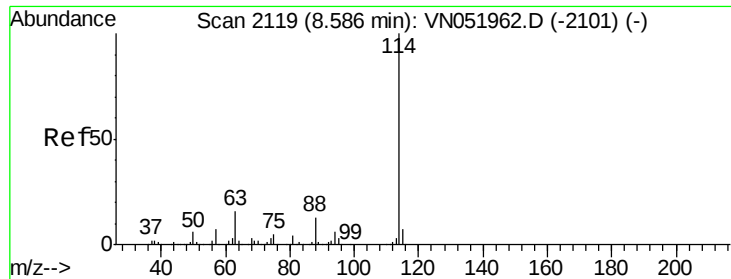
67 52.7 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VN051962.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN051962.D (-1927) (-)

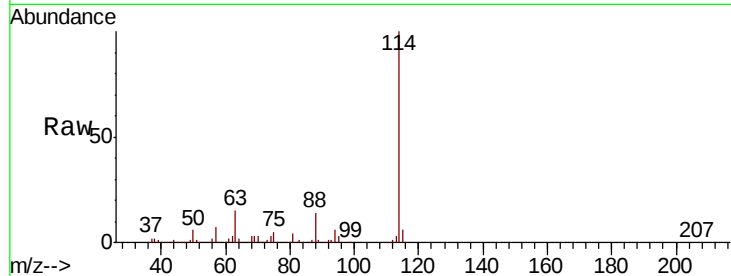




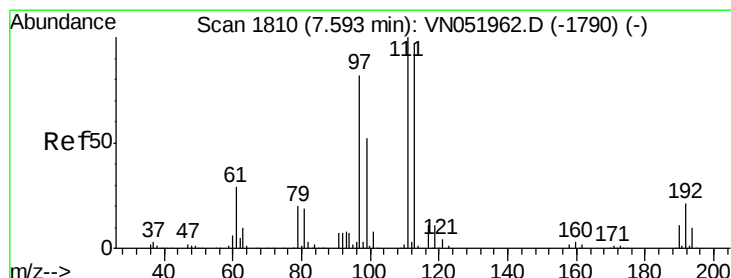
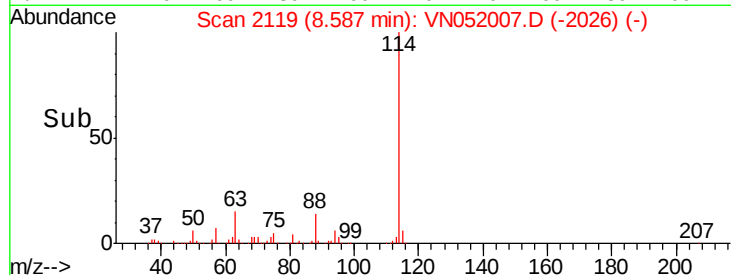
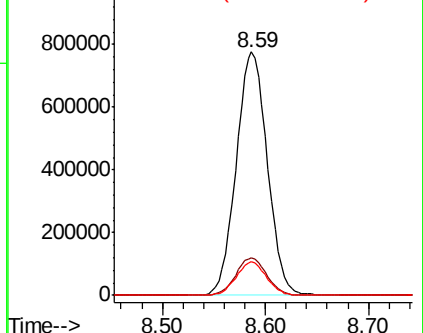
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN052007.D  
 Acq: 25 Oct 2018 13:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VB16206-VB16207-V236-VB16209-V

Tot Ion:114 Resp: 1628276  
 Ion Ratio Lower Upper  
 114 100  
 63 15.2 0.0 31.2  
 88 13.7 0.0 27.0

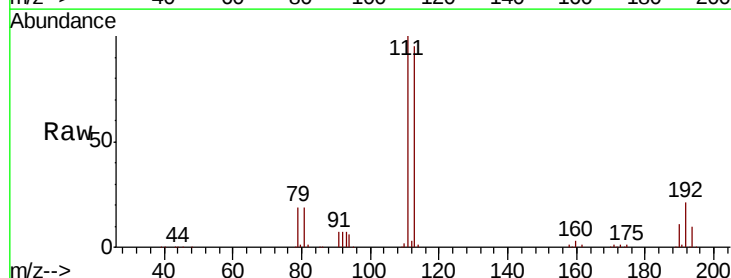


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VN  
 Ion 87.90 (87.60 to 88.60): VN

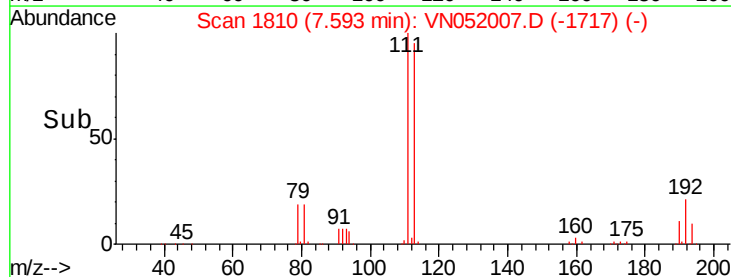
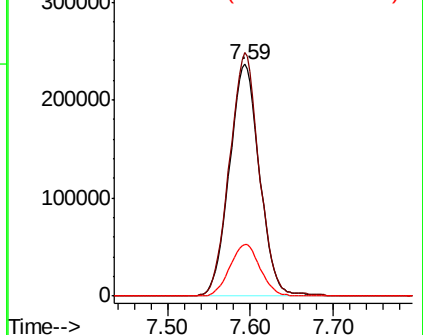


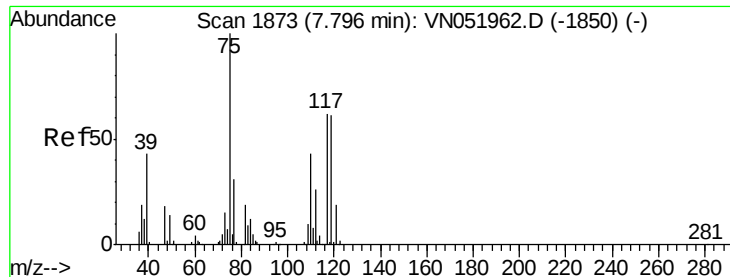
#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VN052007.D  
 Acq: 25 Oct 2018 13:08

Tgt Ion:113 Resp: 600248  
 Ion Ratio Lower Upper  
 113 100  
 111 103.1 80.7 121.1  
 192 22.4 17.2 25.8



Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.160 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052007.D

Acq: 25 Oct 2018 13:08

Instrument :

MSVOA\_N

ClientSampleId :

VB16206-VB16207-V236-VB16209-V

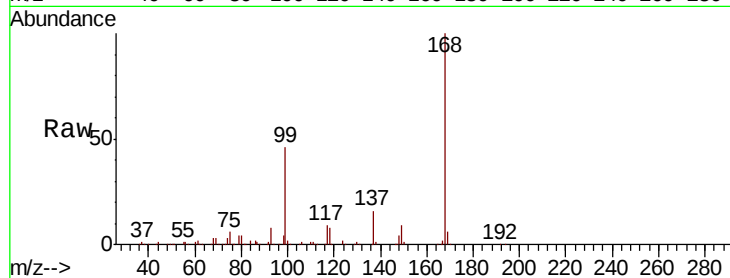
Tot Ion: 75 Resp: 64451

Ion Ratio Lower Upper

75 100

110 10.8 20.9 62.8#

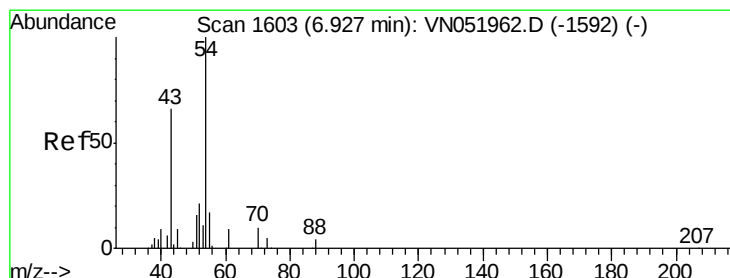
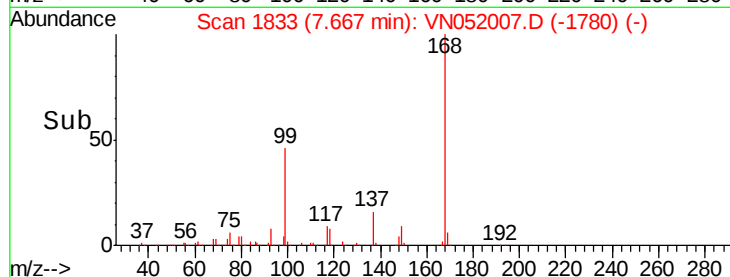
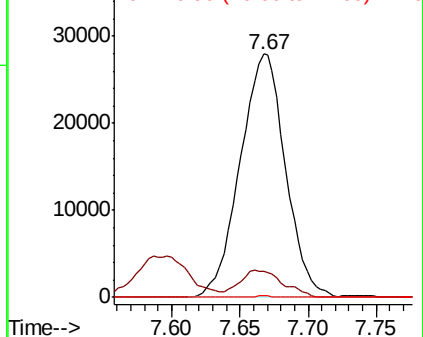
77 0.2 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VN051962.D (-1850) (-)

Ion 109.90 (109.60 to 110.60): VN051962.D (-1850) (-)

Ion 76.90 (76.60 to 77.60): VN051962.D (-1850) (-)



#37

Ethyl Acetate

Concen: Below Cal

RT: 6.98 min Scan# 1618

Delta R.T. 0.05 min

Lab File: VN052007.D

Acq: 25 Oct 2018 13:08

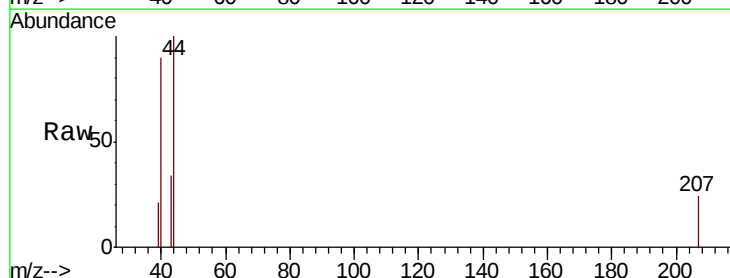
Tgt Ion: 43 Resp: 414

Ion Ratio Lower Upper

43 100

61 0.0 13.5 20.3#

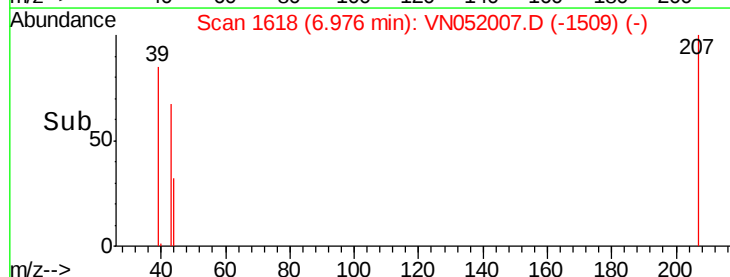
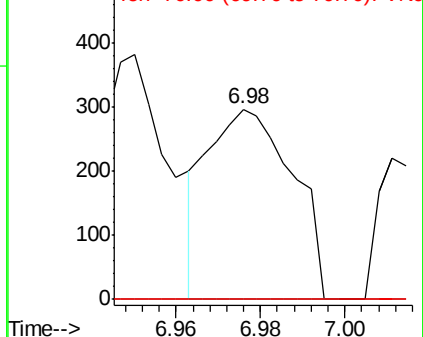
70 0.0 9.8 14.6#

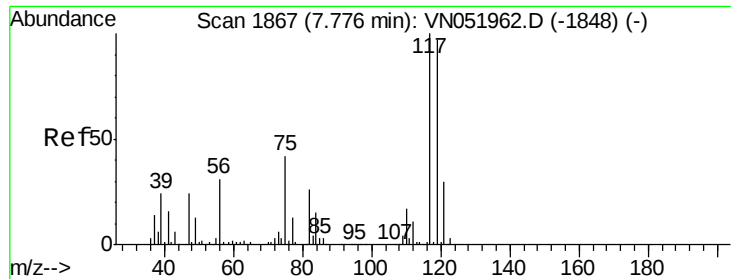


Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-1592) (-)

Ion 60.90 (60.60 to 61.60): VN051962.D (-1592) (-)

Ion 70.00 (69.70 to 70.70): VN051962.D (-1592) (-)

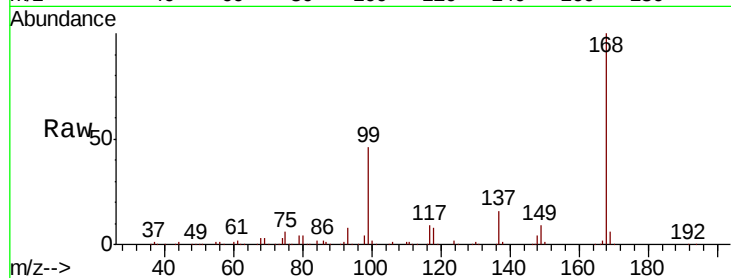




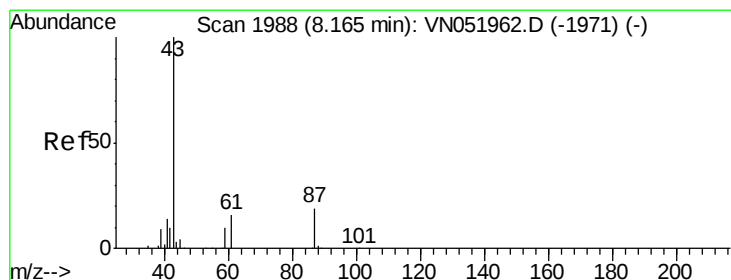
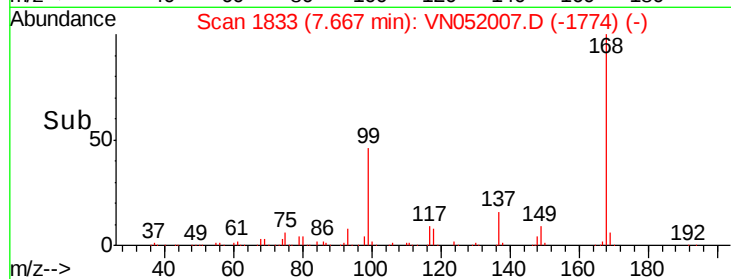
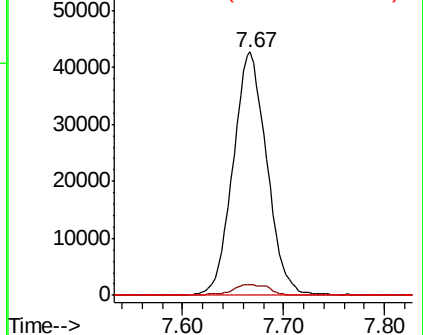
#38  
Carbon Tetrachloride  
Concen: 6.906 ug/l  
RT: 7.67 min Scan# 1833  
Delta R.T. -0.11 min  
Lab File: VN052007.D  
Acq: 25 Oct 2018 13:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VB16206-VB16207-V236-VB16209-V

Tot Ion:117 Resp: 99026  
Ion Ratio Lower Upper  
117 100  
119 4.4 77.4 116.0#  
121 0.0 24.2 36.4#

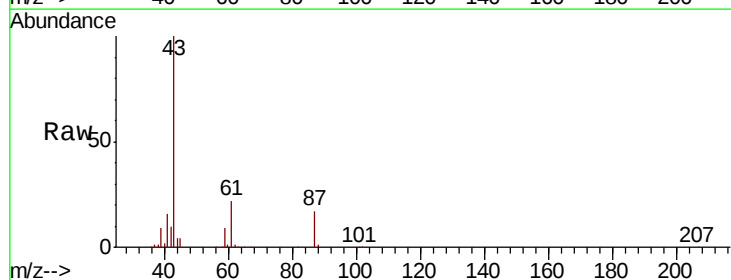


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

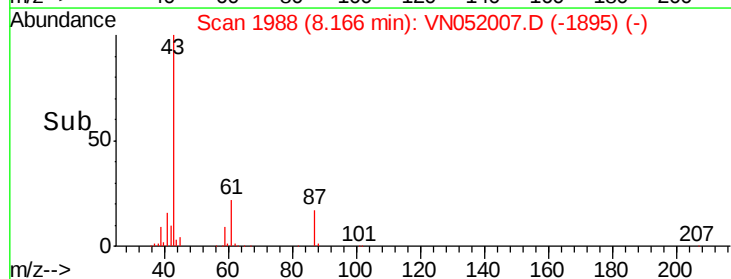
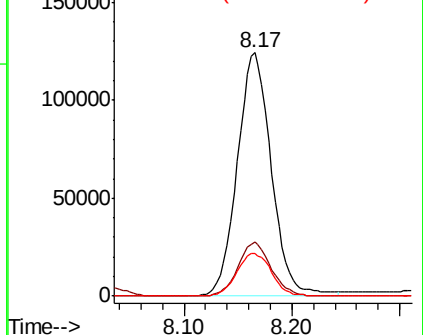


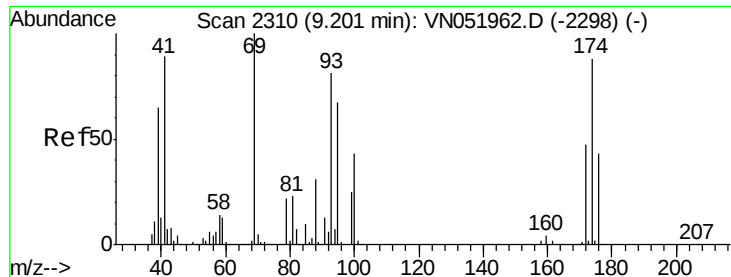
#43  
Isopropyl Acetate  
Concen: 26.193 ug/l  
RT: 8.17 min Scan# 1988  
Delta R.T. 0.00 min  
Lab File: VN052007.D  
Acq: 25 Oct 2018 13:08

Tgt Ion: 43 Resp: 273993  
Ion Ratio Lower Upper  
43 100  
61 21.5 17.2 25.8  
87 17.9 15.2 22.8



Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 61.00 (60.70 to 61.70): VN0  
Ion 87.00 (86.70 to 87.70): VN0

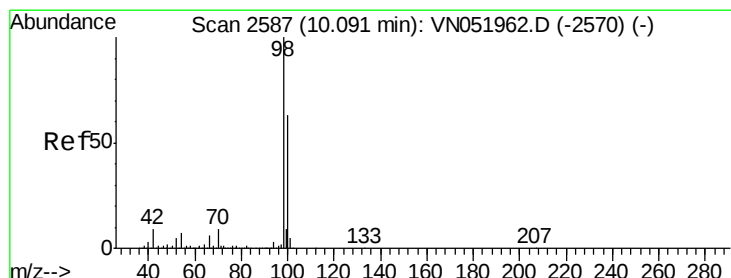
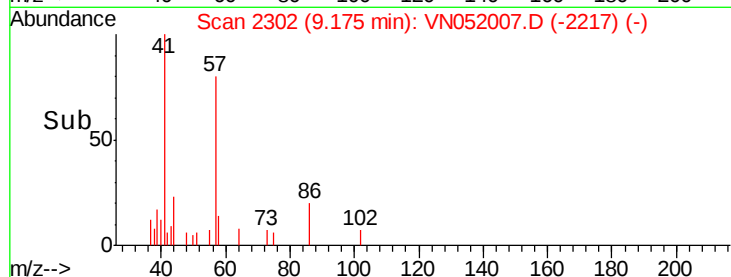
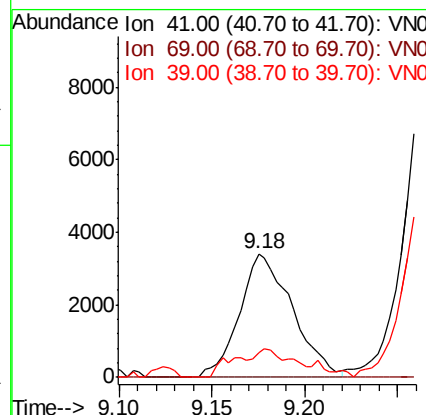
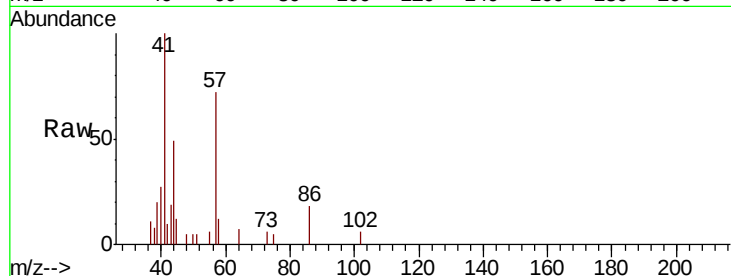




#48  
Methvl methacrylate  
Concen: 1.339 ug/l  
RT: 9.18 min Scan# 2302  
Delta R.T. -0.03 min  
Lab File: VN052007.D  
Acq: 25 Oct 2018 13:08

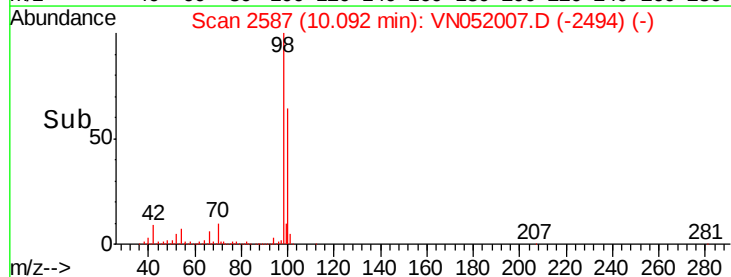
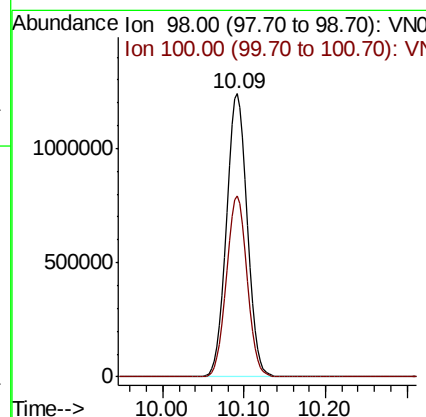
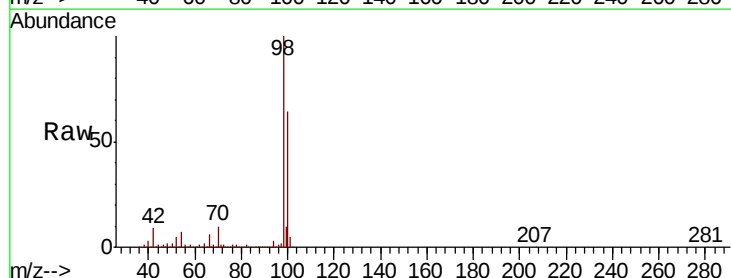
Instrument :  
MSVOA\_N  
ClientSampleId :  
VB16206-VB16207-V236-VB16209-V

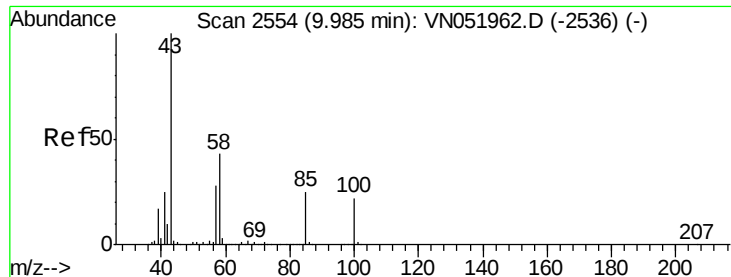
Tot Ion: 41 Resp: 6768  
Ion Ratio Lower Upper  
41 100  
69 0.0 92.2 138.4#  
39 20.1 60.2 90.4#



#50  
Toluene-d8  
Concen: N.D. ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN052007.D  
Acq: 25 Oct 2018 13:08

Tgt Ion: 98 Resp: 2243264  
Ion Ratio Lower Upper  
98 100  
100 63.8 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.362 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052007.D

Acq: 25 Oct 2018 13:08

Instrument :

MSVOA\_N

ClientSampleId :

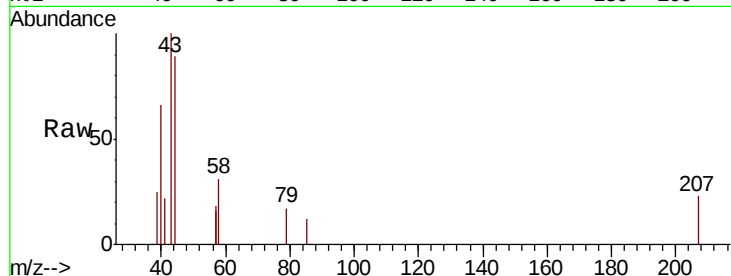
VB16206-VB16207-V236-VB16209-V

Tot Ion: 43 Resp: 2084

Ion Ratio Lower Upper

43 100

58 34.7 34.8 52.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

1500

1000

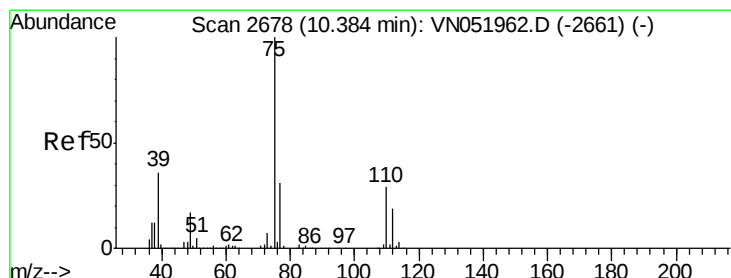
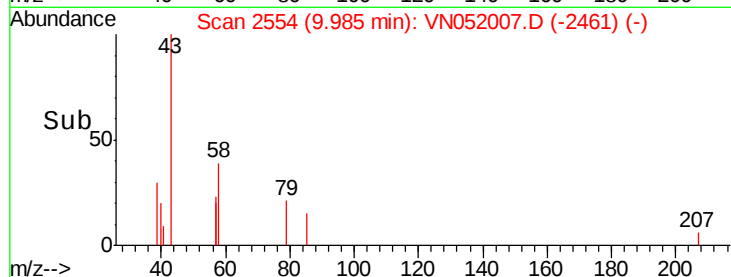
500

0

9.95

10.00

Time-->



#53

t-1,3-Dichloropropene

Concen: 1.249 ug/l

RT: 10.39 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN052007.D

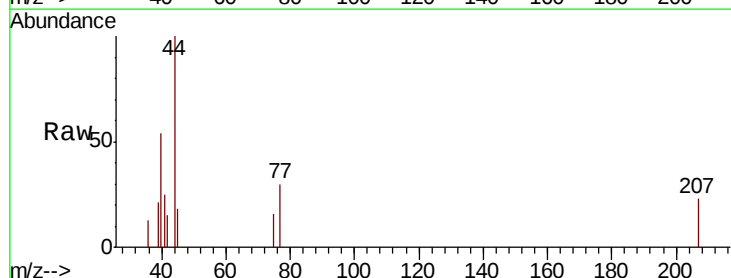
Acq: 25 Oct 2018 13:08

Tgt Ion: 75 Resp: 71

Ion Ratio Lower Upper

75 100

77 184.3 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

400

300

200

100

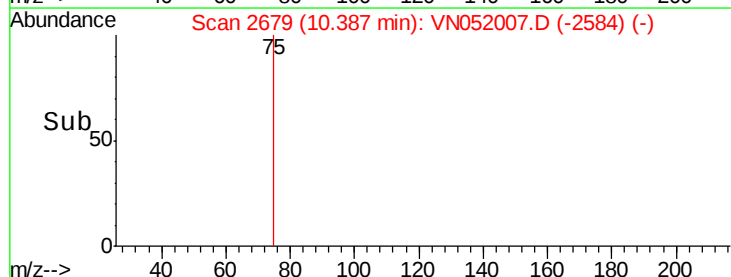
0

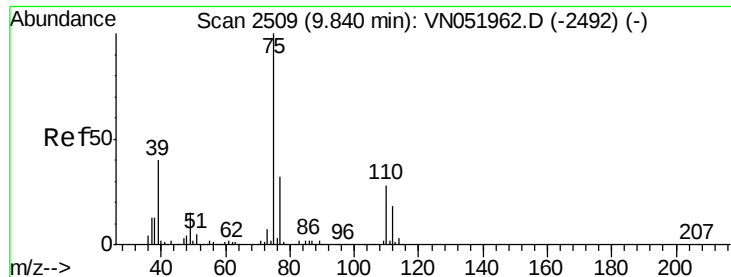
10.37

10.38

10.39

Time-->





#54

cis-1,3-Dichloropropene

Concen: 0.206 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.06 min

Lab File: VN052007.D

Acq: 25 Oct 2018 13:08

Instrument :

MSVOA\_N

ClientSampleId :

VB16206-VB16207-V236-VB16209-V

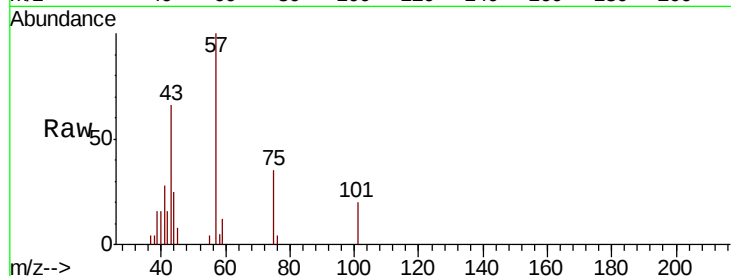
Tot Ion: 75 Resp: 2750

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#

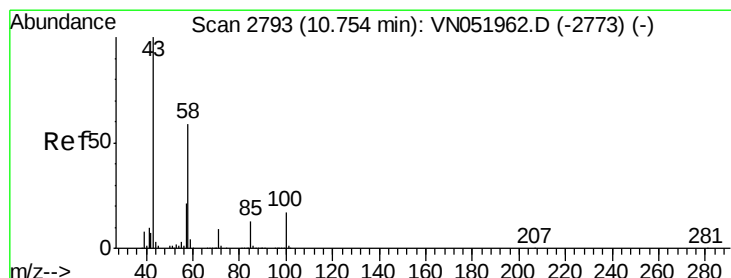
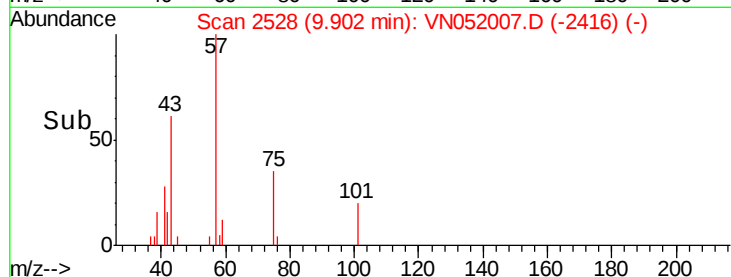
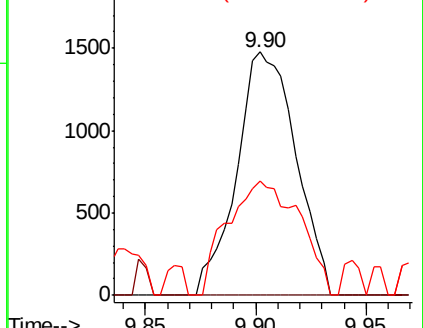
39 47.0 32.0 48.0



Abundance Ion 74.90 (74.60 to 75.60): VN051962.D (-2492) (-)

Ion 76.90 (76.60 to 77.60): VN051962.D (-2492) (-)

Ion 39.00 (38.70 to 39.70): VN051962.D (-2492) (-)



#59

2-Hexanone

Concen: 3.575 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN052007.D

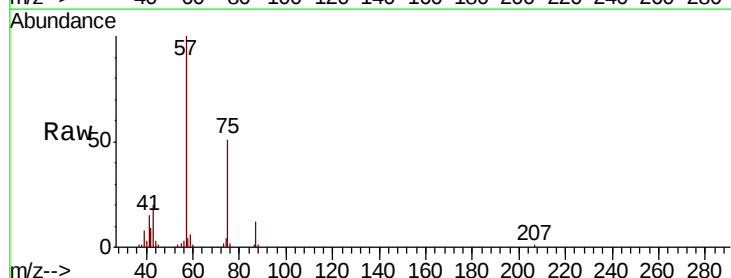
Acq: 25 Oct 2018 13:08

Tgt Ion: 43 Resp: 13819

Ion Ratio Lower Upper

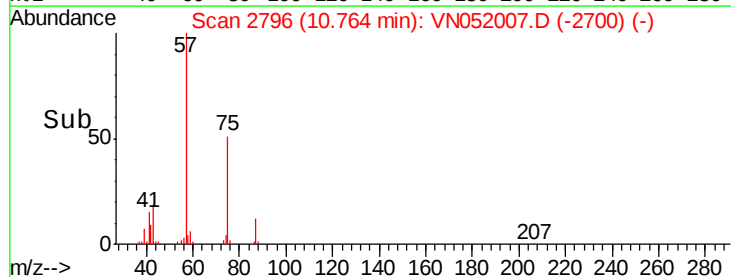
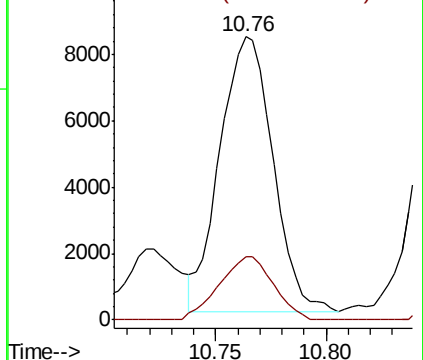
43 100

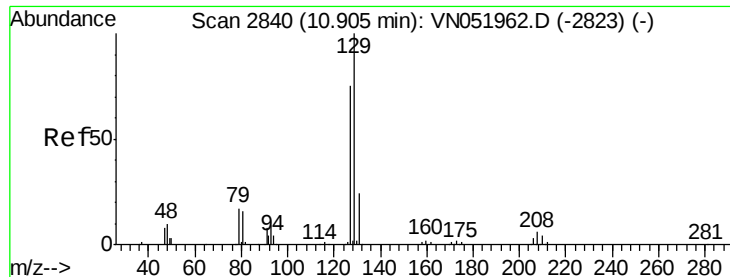
58 23.4 29.9 89.8#



Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-2773) (-)

Ion 58.00 (57.70 to 58.70): VN051962.D (-2773) (-)





#60

Dibromochloromethane

Concen: 2.000 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. -0.28 min

Lab File: VN052007.D

Acq: 25 Oct 2018 13:08

Instrument :

MSVOA\_N

ClientSampleId :

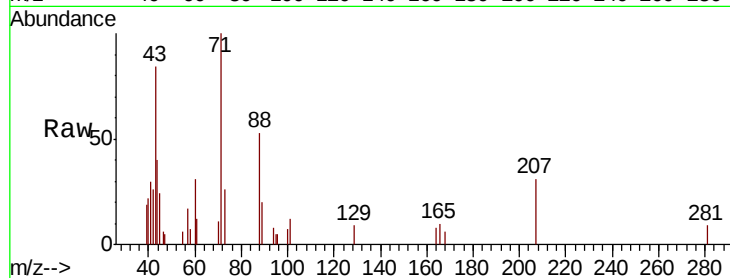
VB16206-VB16207-V236-VB16209-V

Tot Ion:129 Resp: 280

Ion Ratio Lower Upper

129 100

127 0.0 38.0 114.0#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.63

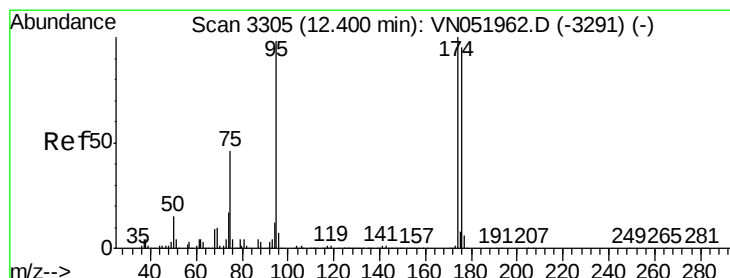
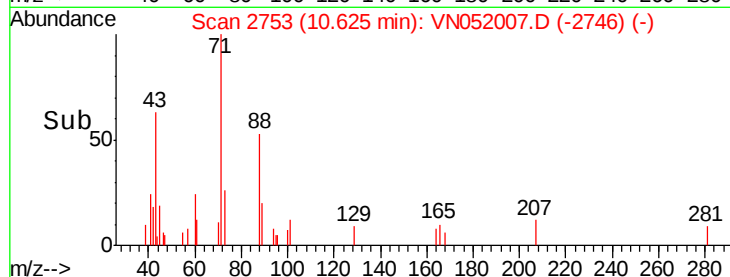
300

200

100

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052007.D

Acq: 25 Oct 2018 13:08

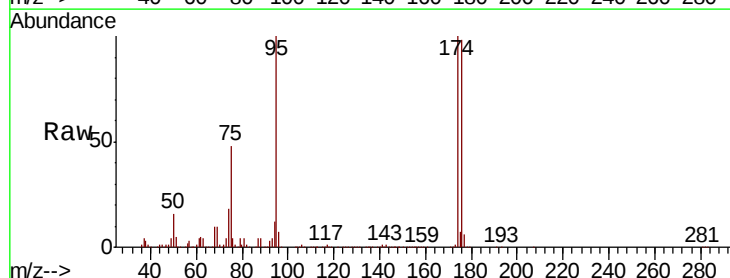
Tgt Ion: 95 Resp: 699347

Ion Ratio Lower Upper

95 100

174 101.9 0.0 206.0

176 98.3 0.0 198.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

500000

400000

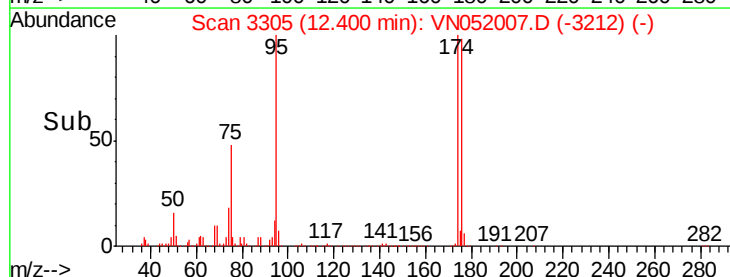
300000

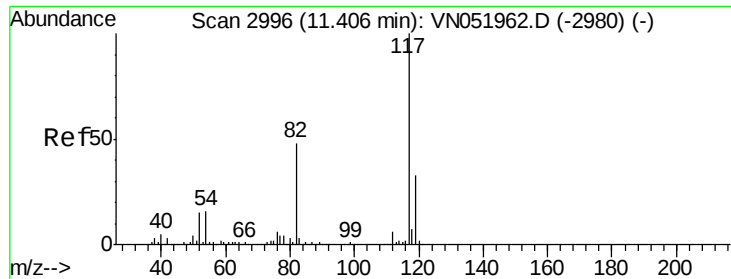
200000

100000

0

Time-->

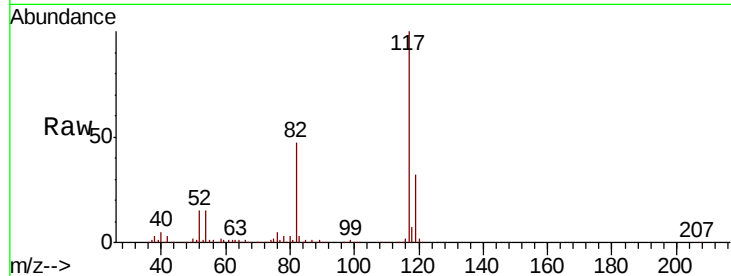




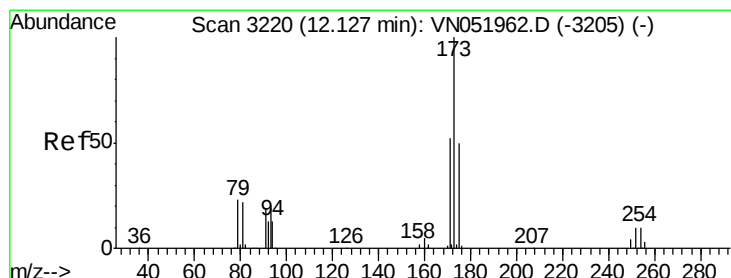
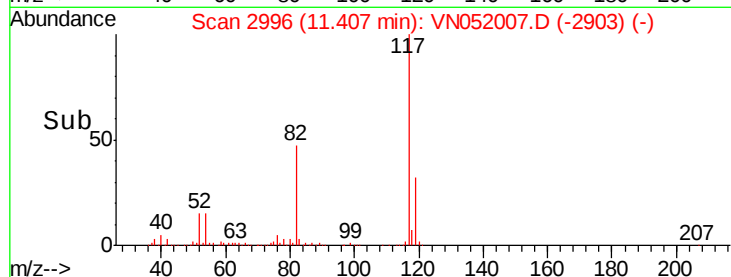
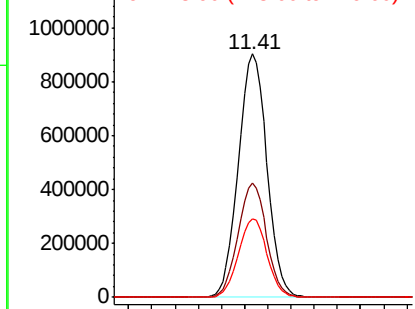
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN052007.D  
Acq: 25 Oct 2018 13:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VB16206-VB16207-V236-VB16209-V

Tot Ion:117 Resp: 1543210  
Ion Ratio Lower Upper  
117 100  
82 47.0 38.1 57.1  
119 32.5 26.4 39.6

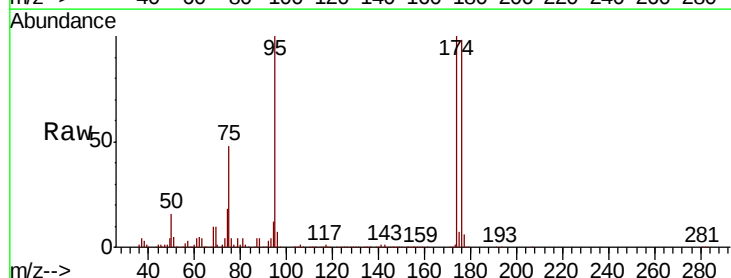


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

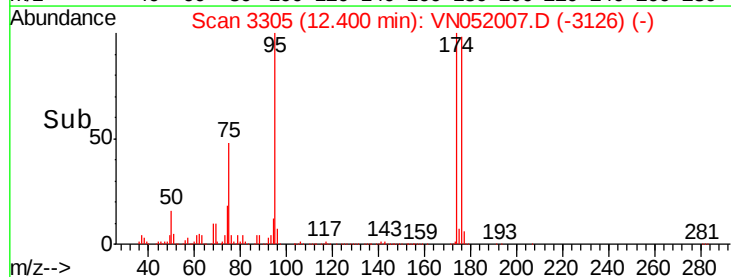
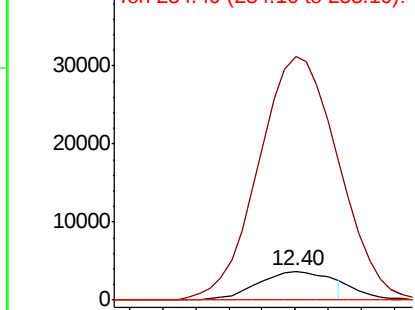


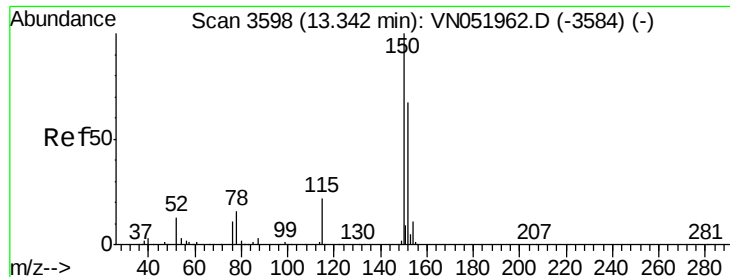
#71  
Bromoform  
Concen: 4.321 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.27 min  
Lab File: VN052007.D  
Acq: 25 Oct 2018 13:08

Tgt Ion:173 Resp: 5620  
Ion Ratio Lower Upper  
173 100  
175 823.2 24.6 74.0#  
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: VN052007.D

Acq: 25 Oct 2018 13:08

Instrument :

MSVOA\_N

ClientSampleId :

VB16206-VB16207-V236-VB16209-V

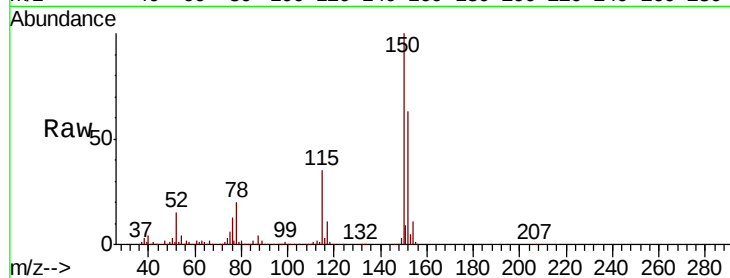
Tot Ion:152 Resp: 678838

Ion Ratio Lower Upper

152 100

115 54.0 25.8 77.3

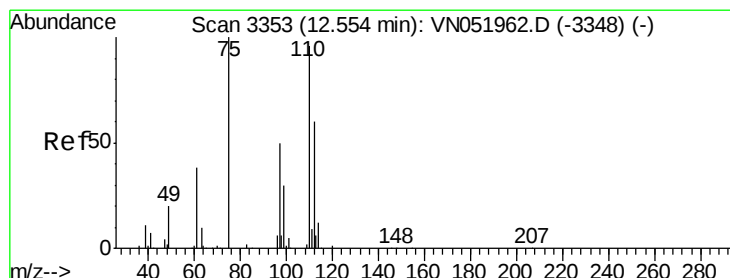
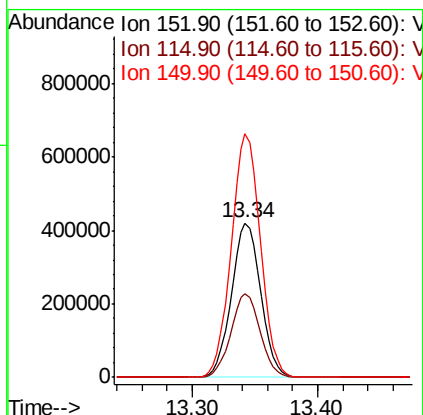
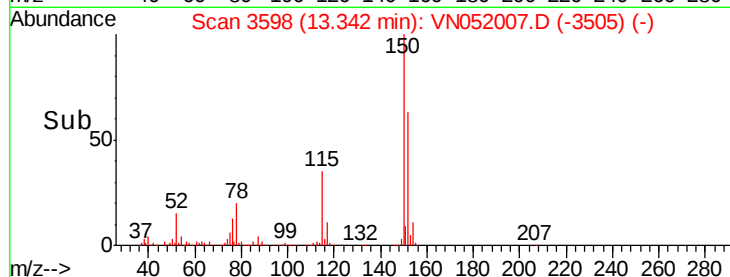
150 157.4 0.0 344.4



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: 48.476 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052007.D

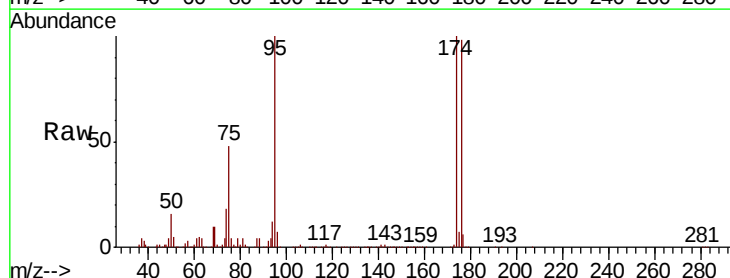
Acq: 25 Oct 2018 13:08

Tgt Ion: 75 Resp: 339914

Ion Ratio Lower Upper

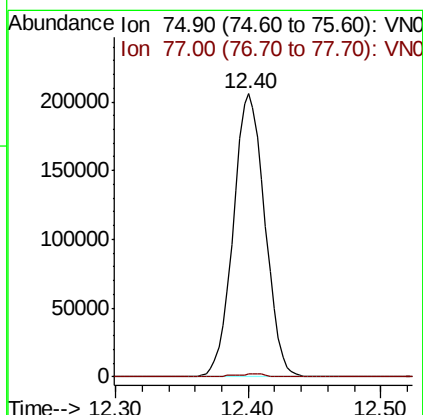
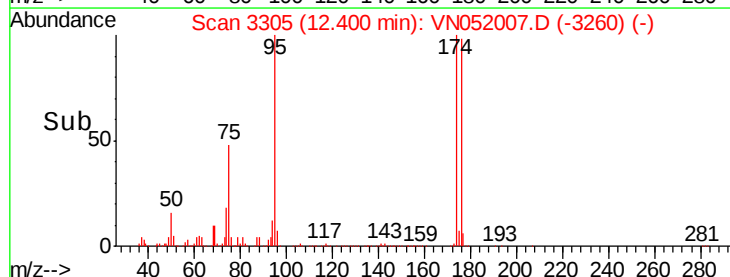
75 100

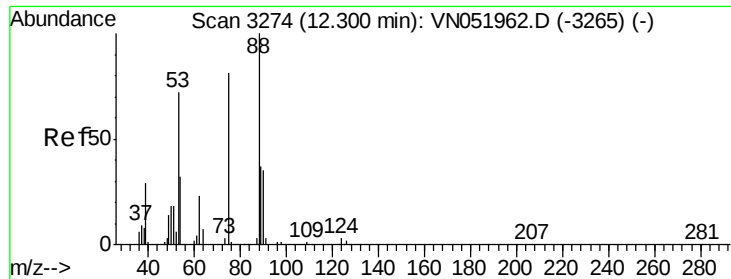
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 152.431 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052007.D

Acq: 25 Oct 2018 13:08

Instrument :

MSVOA\_N

ClientSampleId :

VB16206-VB16207-V236-VB16209-V

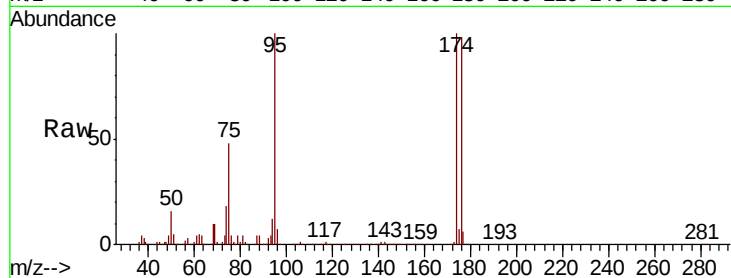
Tot Ion: 75 Resp: 339914

Ion Ratio Lower Upper

75 100

53 0.0 73.5 110.3#

89 0.0 41.6 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

