

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\  
 Data File : VN057845.D  
 Acq On : 10 Sep 2019 8:42  
 Operator : JC/SP  
 Sample : PB122910TB  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB122910TB

Quant Time: Sep 10 11:00:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091019W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 10 03:02:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 154896   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 326238   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 261576   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 104124   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.01  | 65   | 287517   | 91.64 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 183.28% |          |
| 35) Dibromofluoromethane    | 7.58  | 113  | 184534   | 61.29 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 122.58% |          |
| 50) Toluene-d8              | 10.09 | 98   | 506698   | 43.34 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 86.68%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 156633   | 35.16 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 70.32%  |          |

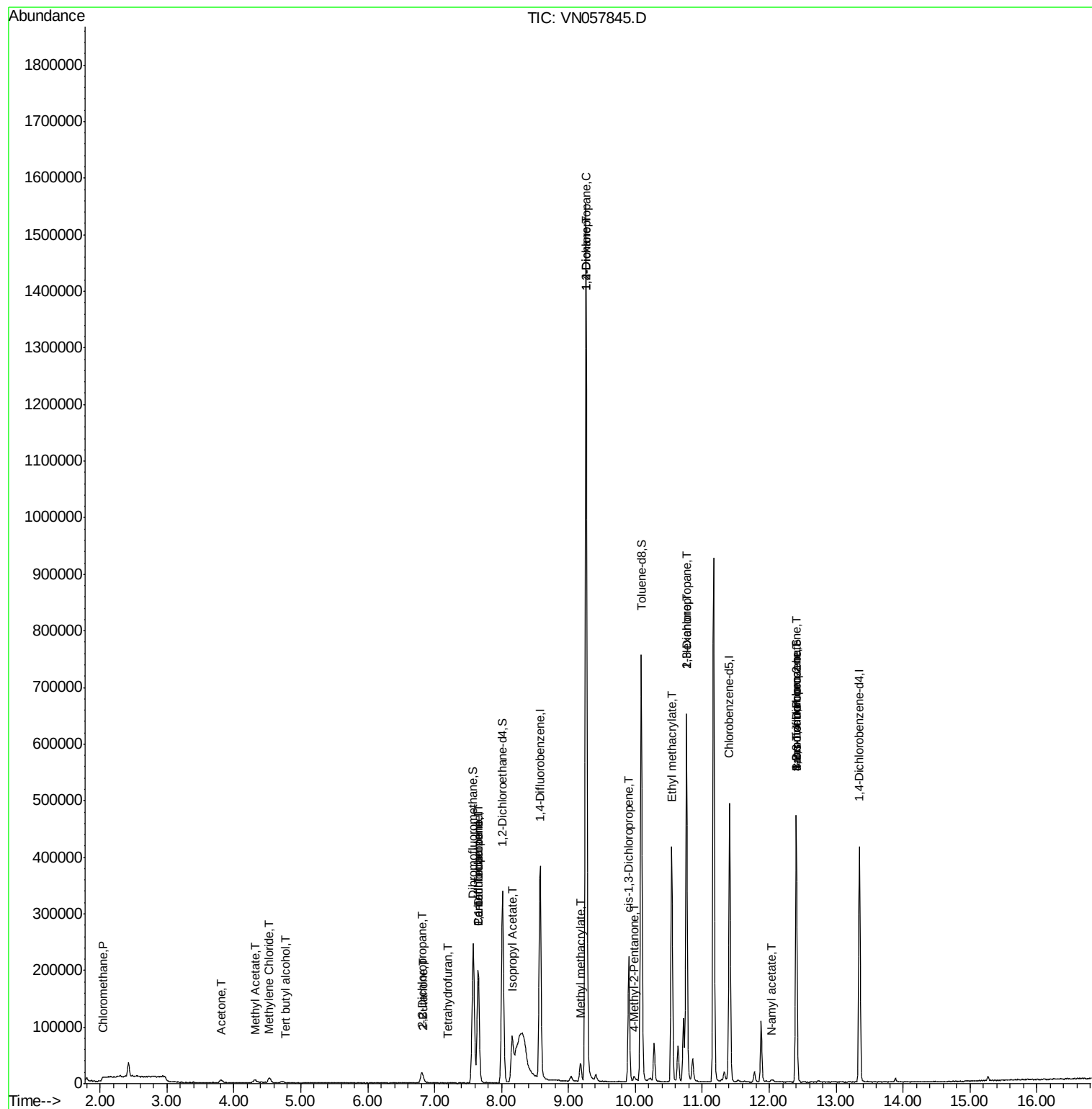
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 2.03  | 50   | 593      | 0.272     | ug/l   | 94     |
| 5) Bromomethane                | 2.53  | 94   | 214      | Below Cal | #      | 2      |
| 11) Tert butyl alcohol         | 4.78  | 59   | 228      | 0.600     | ug/l # | 72     |
| 16) Acetone                    | 3.81  | 43   | 9461     | 9.199     | ug/l # | 86     |
| 18) Methyl Acetate             | 4.31  | 43   | 11492    | 4.191     | ug/l # | 88     |
| 20) Methylene Chloride         | 4.52  | 84   | 3327     | 0.480     | ug/l   | 91     |
| 25) 2-Butanone                 | 6.83  | 43   | 1512     | 1.016     | ug/l   | 95     |
| 26) 2,2-Dichloropropane        | 6.80  | 77   | 958      | 0.293     | ug/l # | 54     |
| 29) Tetrahydrofuran            | 7.19  | 42   | 204      | 0.222     | ug/l # | 34     |
| 31) Cyclohexane                | 7.65  | 56   | 3862     | Below Cal | #      | 12     |
| 36) 1,1-Dichloropropene        | 7.65  | 75   | 13660    | 3.610     | ug/l # | 51     |
| 38) Carbon Tetrachloride       | 7.65  | 117  | 15678    | 4.539     | ug/l # | 15     |
| 43) Isopropyl Acetate          | 8.16  | 43   | 115842   | 17.622    | ug/l # | 83     |
| 45) 1,2-Dichloropropane        | 9.27  | 63   | 2082     | 0.628     | ug/l # | 44     |
| 48) Methyl methacrylate        | 9.17  | 41   | 5716     | 1.714     | ug/l # | 13     |
| 49) 1,4-Dioxane                | 9.26  | 88   | 64       | 1.135     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 6758     | 1.737     | ug/l   | 95     |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 36261    | 7.798     | ug/l # | 64     |
| 56) Ethyl methacrylate         | 10.55 | 69   | 1610     | 0.352     | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 6802     | 1.299     | ug/l # | 43     |
| 59) 2-Hexanone                 | 10.76 | 43   | 99455    | 34.109    | ug/l # | 54     |
| 71) Bromoform                  | 12.40 | 173  | 368      | 0.248     | ug/l # | 1      |
| 74) N-ethyl acetate            | 12.03 | 43   | 3690     | 1.049     | ug/l # | 47     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 87166    | 37.006    | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 87166    | 130.224   | ug/l # | 6      |
| 95) Naphthalene                | 15.13 | 128  | 753      | Below Cal | #      | 69     |

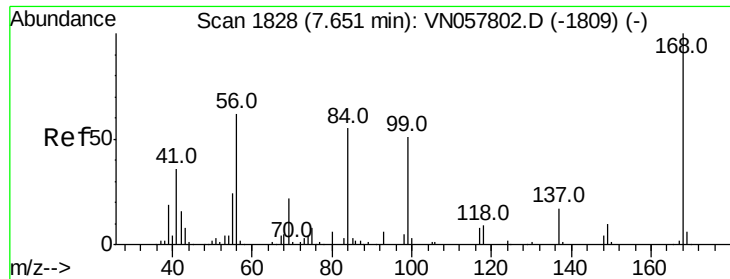
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Sep 10 03:02:13 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057845.D

Acq: 10 Sep 2019 8:42

Instrument :

MSVOA\_N

ClientSampleId :

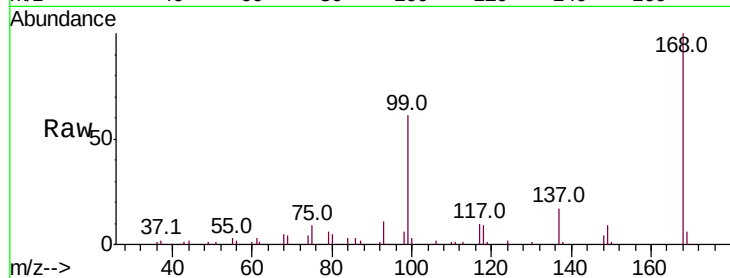
PB122910TB

Tot Ion:168 Resp: 154896

Ion Ratio Lower Upper

168 100

99 61.3 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)

7.65

60000

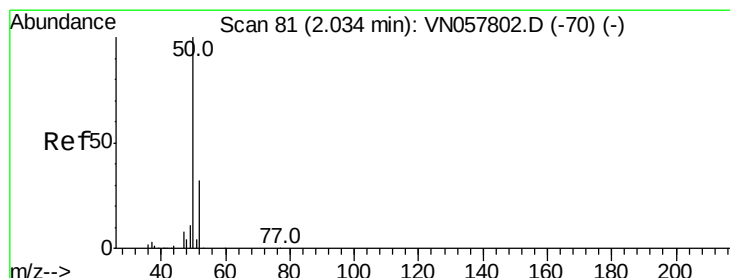
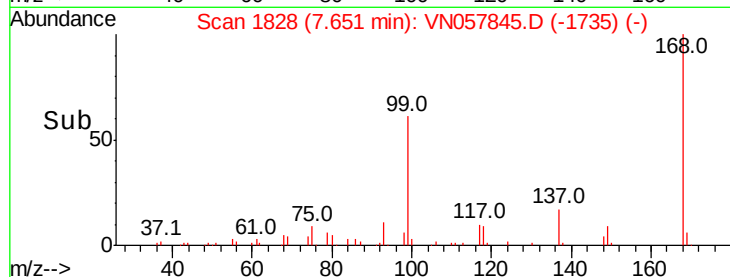
40000

20000

0

Time-->

7.60 7.70 7.80



#3

Chloromethane

Concen: 0.272 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN057845.D

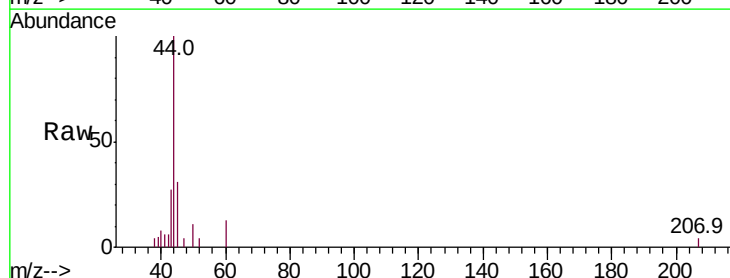
Acq: 10 Sep 2019 8:42

Tgt Ion: 50 Resp: 593

Ion Ratio Lower Upper

50 100

52 35.0 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN057802.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN057802.D (-70) (-)

2.03

500

400

300

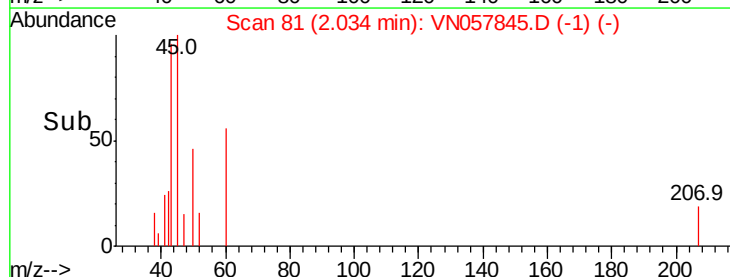
200

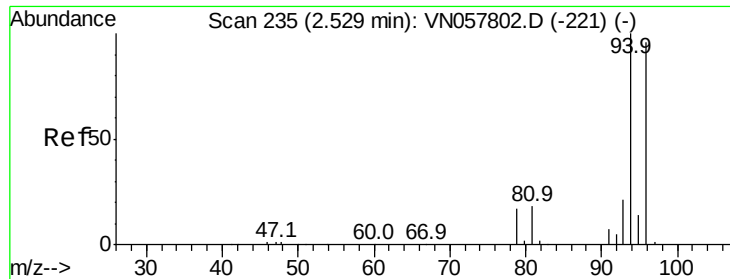
100

0

Time-->

2.00 2.02 2.04 2.06





#5

Bromomethane

Concen: Below Cal

RT: 2.53 min Scan# 236

Delta R.T. 0.00 min

Lab File: VN057845.D

Acq: 10 Sep 2019 8:42

Instrument :

MSVOA\_N

ClientSampled :

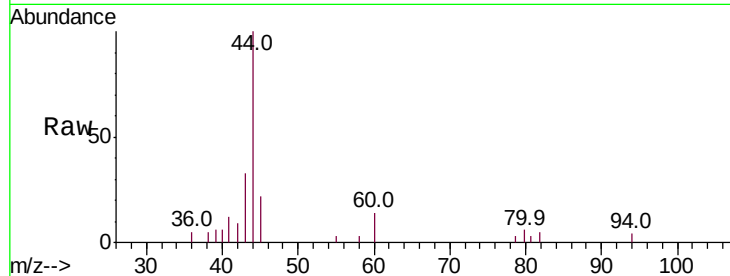
PB122910TB

Tot Ion: 94 Resp: 214

Ion Ratio Lower Upper

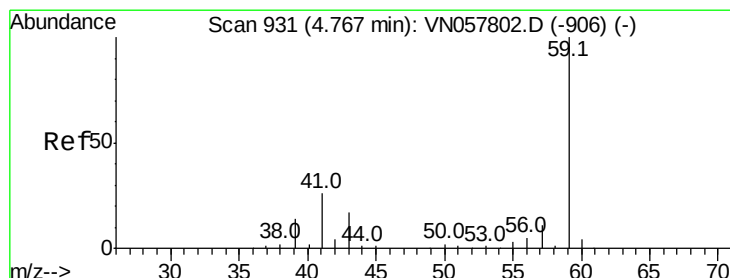
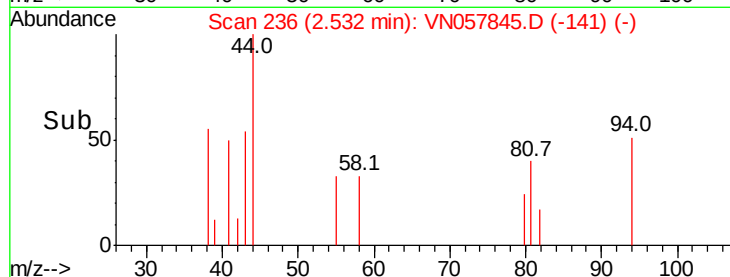
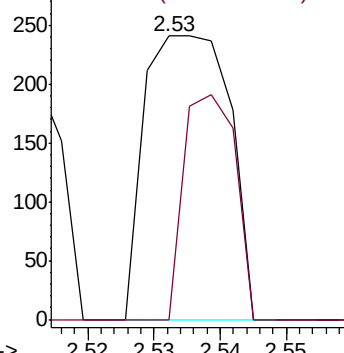
94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#11

Tert butyl alcohol

Concen: 0.600 ug/l

RT: 4.78 min Scan# 936

Delta R.T. 0.02 min

Lab File: VN057845.D

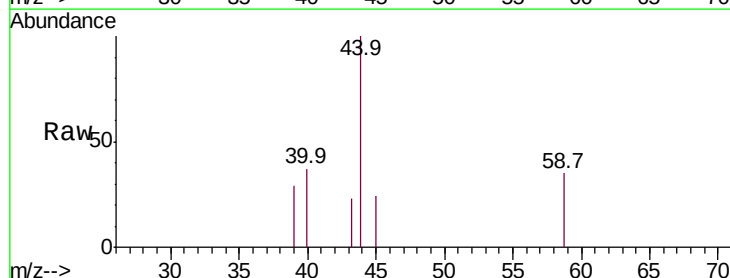
Acq: 10 Sep 2019 8:42

Tgt Ion: 59 Resp: 228

Ion Ratio Lower Upper

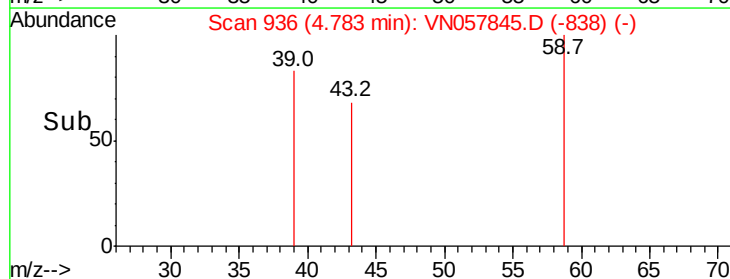
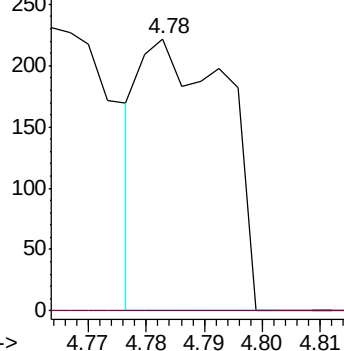
59 100

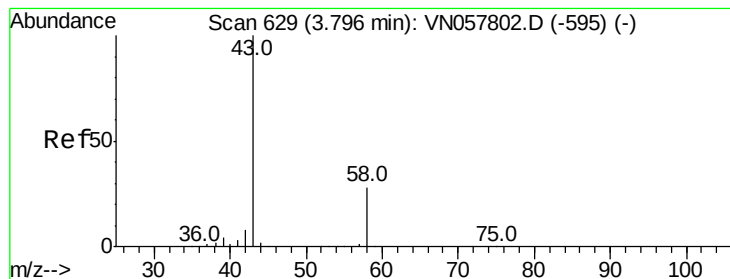
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#16

Acetone

Concen: 9.199 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057845.D

Acq: 10 Sep 2019 8:42

Instrument :

MSVOA\_N

ClientSampleId :

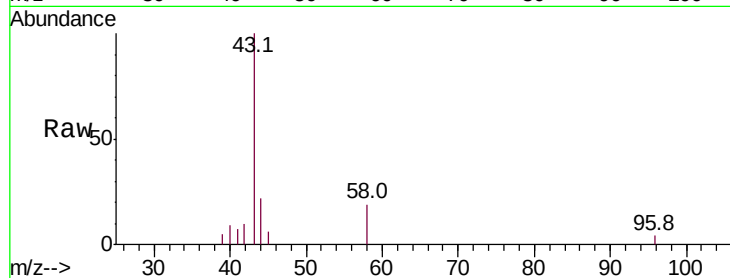
PB122910TB

Tot Ion: 43 Resp: 9461

Ion Ratio Lower Upper

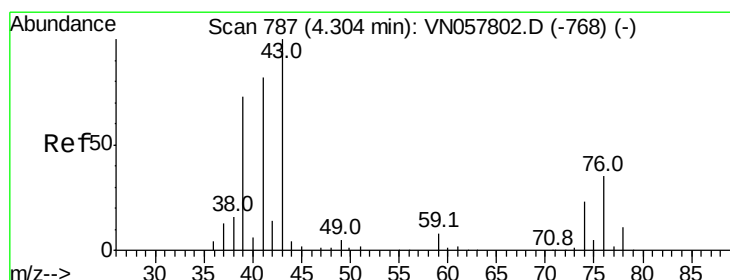
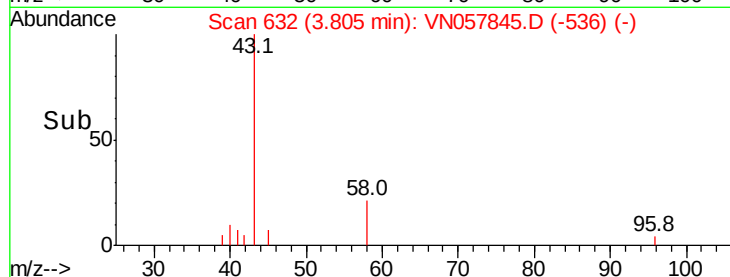
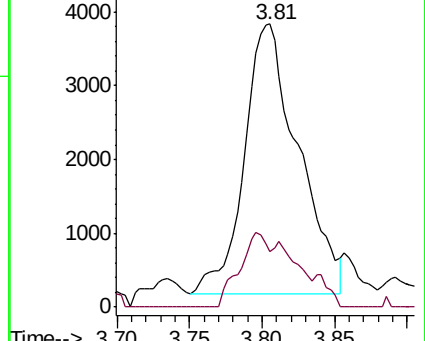
43 100

58 20.4 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 4.191 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN057845.D

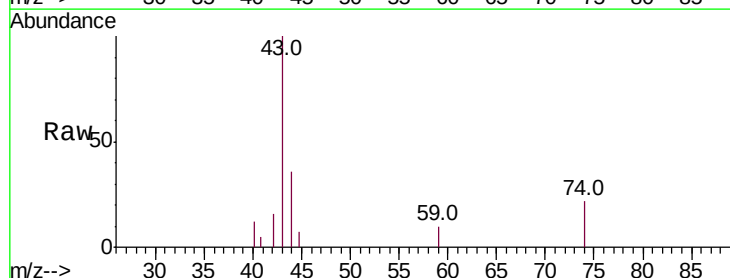
Acq: 10 Sep 2019 8:42

Tgt Ion: 43 Resp: 11492

Ion Ratio Lower Upper

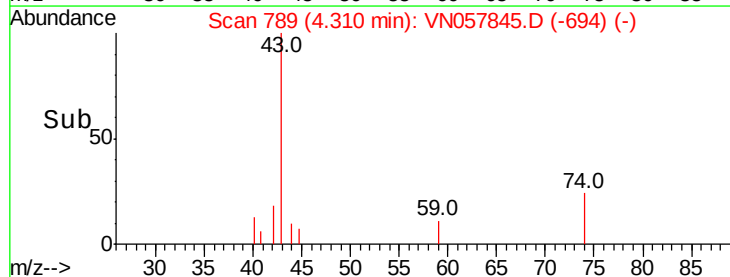
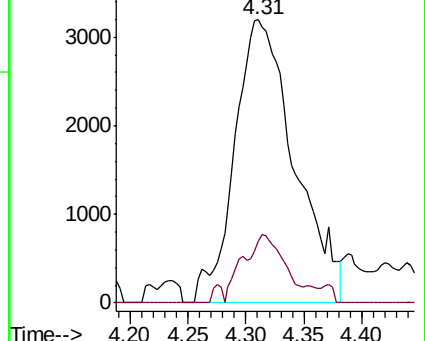
43 100

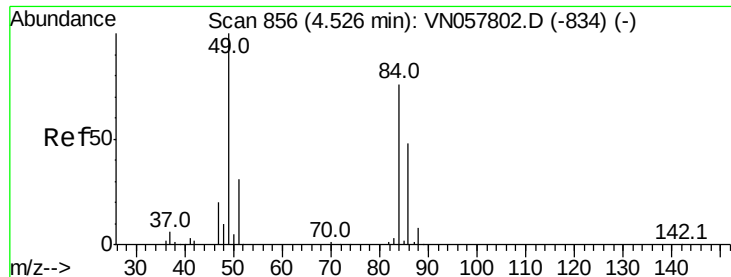
74 16.6 17.9 26.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

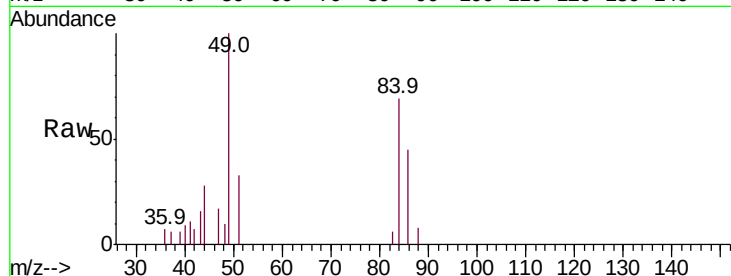




#20  
Methvlene Chloride  
Concen: 0.480 ug/l  
RT: 4.52 min Scan# 854  
Delta R.T. -0.01 min  
Lab File: VN057845.D  
Acq: 10 Sep 2019 8:42

Instrument :  
MSVOA\_N  
ClientSampled :  
PB122910TB

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 3327  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 145.1 | 104.8 | 157.2 |
| 51       | 47.4  | 33.0  | 49.4  |
| 86       | 65.5  | 50.5  | 75.7  |



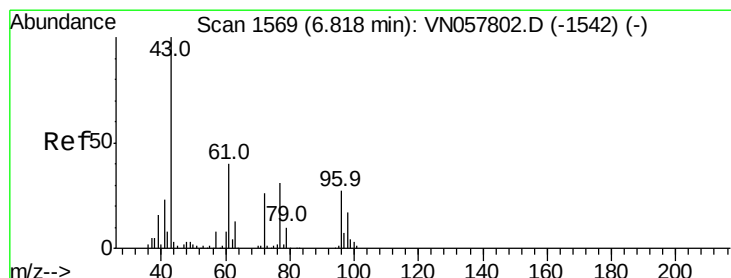
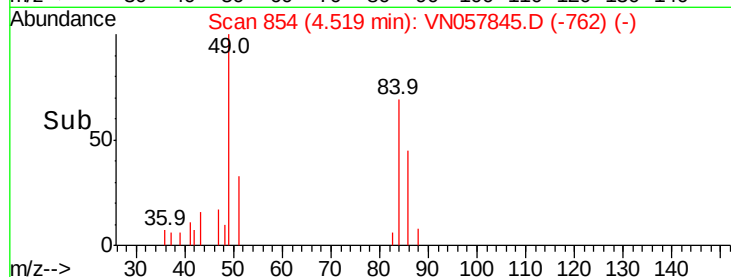
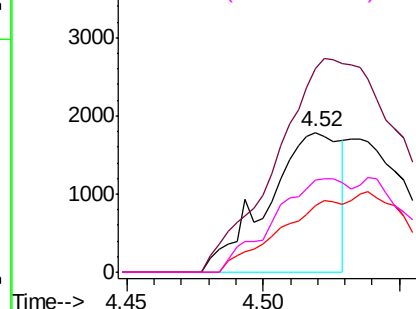
Abundance

Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

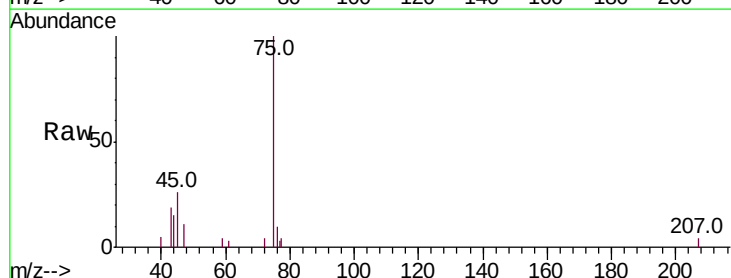
Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#25  
2-Butanone  
Concen: 1.016 ug/l  
RT: 6.83 min Scan# 1574  
Delta R.T. 0.02 min  
Lab File: VN057845.D  
Acq: 10 Sep 2019 8:42

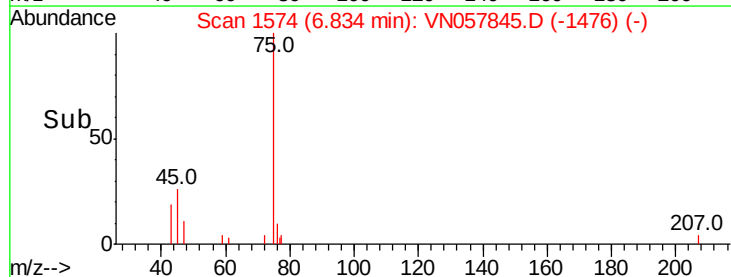
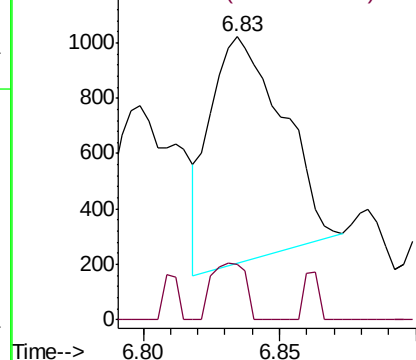
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 1512  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 28.2  | 20.6  | 30.8  |

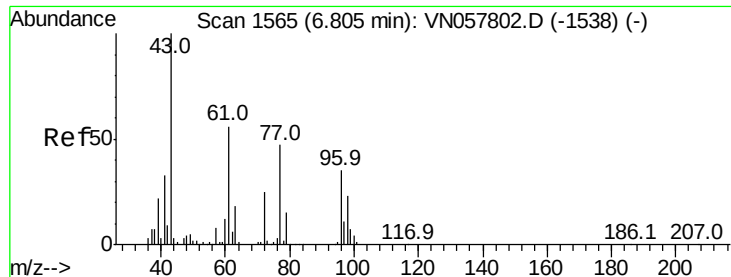


Abundance

Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

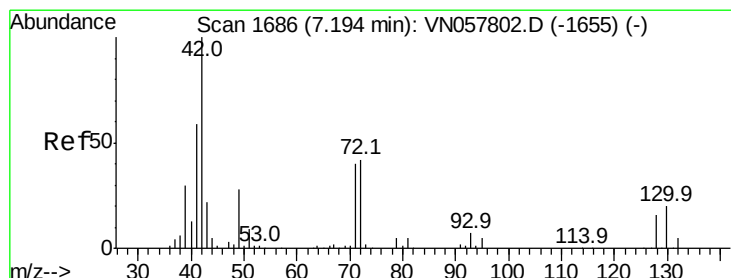
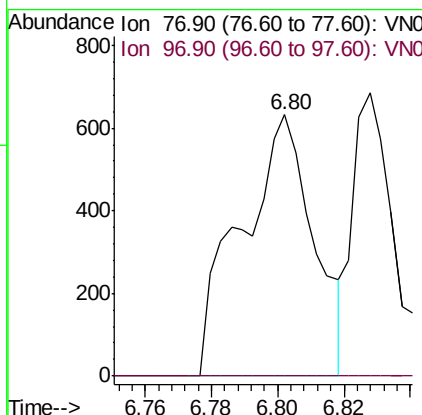
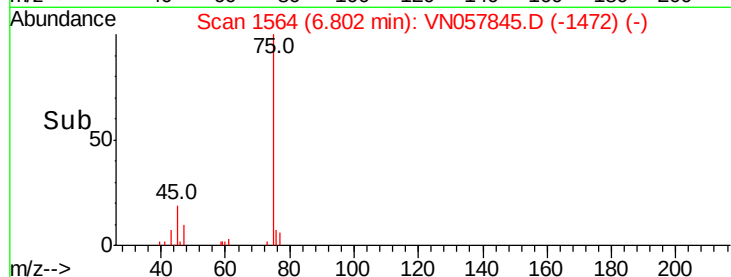
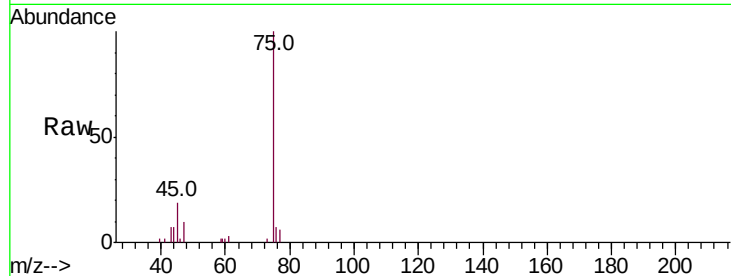




#26  
 2,2-Dichloropropane  
 Concen: 0.293 ug/l  
 RT: 6.80 min Scan# 1564  
 Delta R.T. -0.00 min  
 Lab File: VN057845.D  
 Acq: 10 Sep 2019 8:42

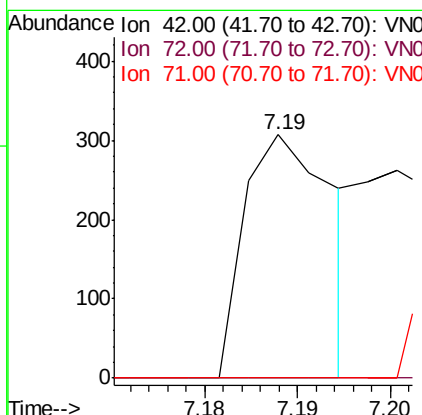
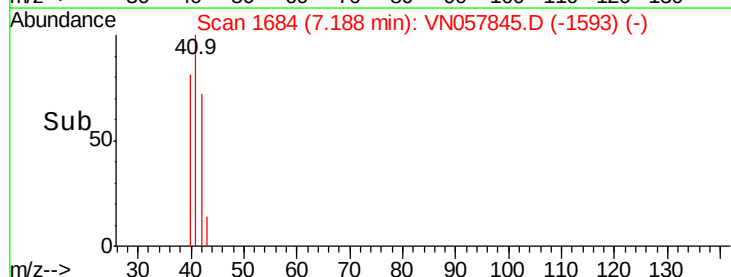
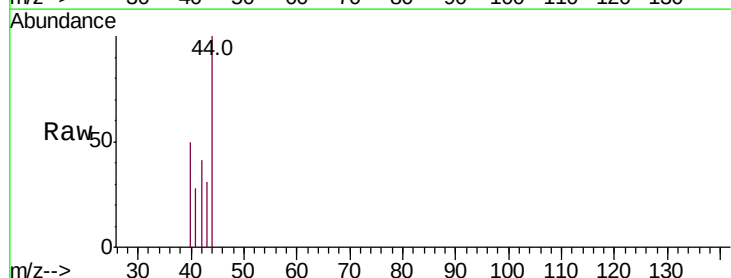
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB122910TB

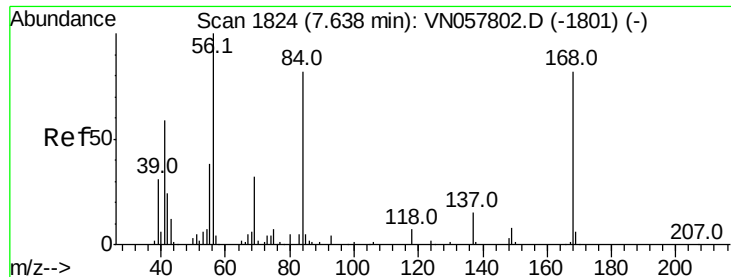
Tot Ion: 77 Resp: 958  
 Ion Ratio Lower Upper  
 77 100  
 97 0.0 11.1 33.3#



#29  
 Tetrahydrofuran  
 Concen: 0.222 ug/l  
 RT: 7.19 min Scan# 1684  
 Delta R.T. -0.01 min  
 Lab File: VN057845.D  
 Acq: 10 Sep 2019 8:42

Tgt Ion: 42 Resp: 204  
 Ion Ratio Lower Upper  
 42 100  
 72 0.0 33.7 50.5#  
 71 0.0 31.9 47.9#





#31

Cyclohexane

Concen: Below Cal

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN057845.D

Acq: 10 Sep 2019 8:42

Instrument :

MSVOA\_N

ClientSampleId :

PB122910TB

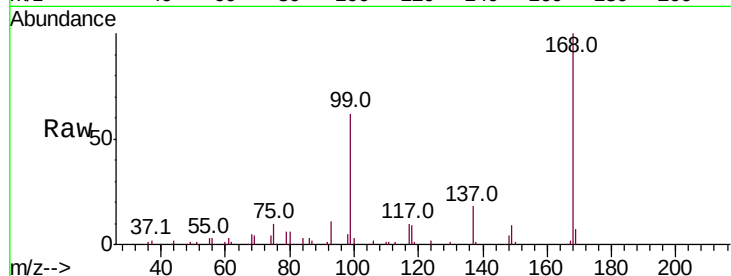
Tot Ion: 56 Resp: 3862

Ion Ratio Lower Upper

56 100

69 162.5 25.9 38.9#

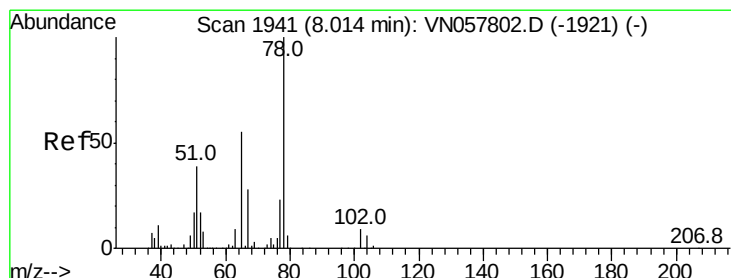
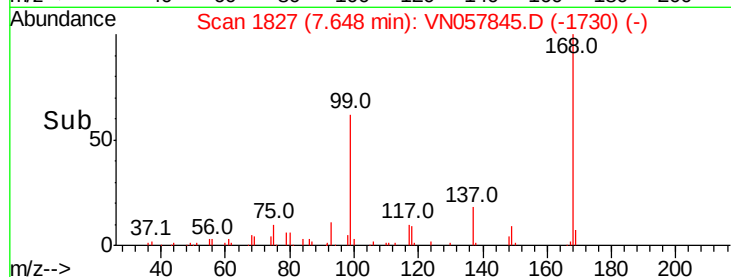
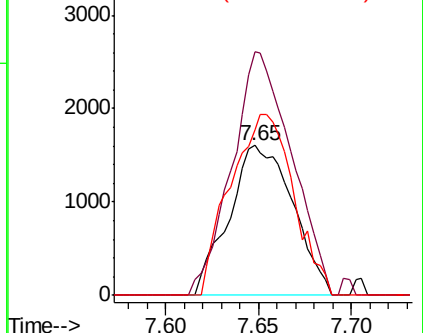
84 110.3 65.6 98.4#



Abundance Ion 56.00 (55.70 to 56.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 84.00 (83.70 to 84.70): VNC



#33

1,2-Dichloroethane-d4

Concen: 91.645 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057845.D

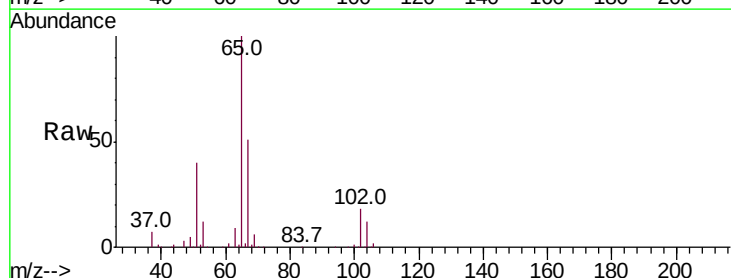
Acq: 10 Sep 2019 8:42

Tgt Ion: 65 Resp: 287517

Ion Ratio Lower Upper

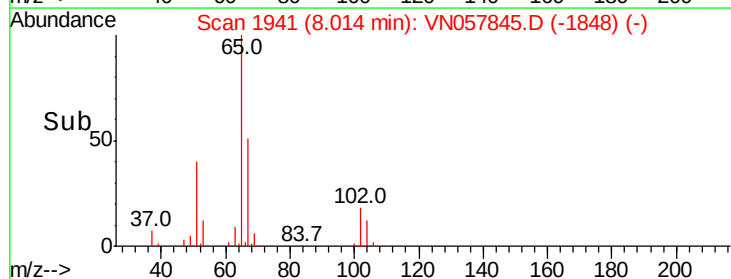
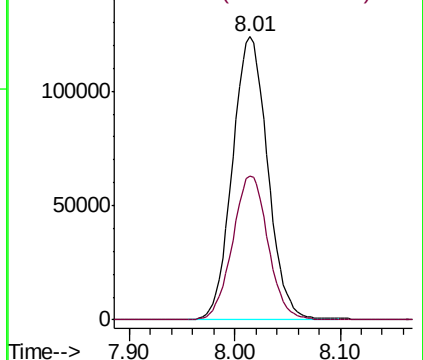
65 100

67 51.2 0.0 104.0

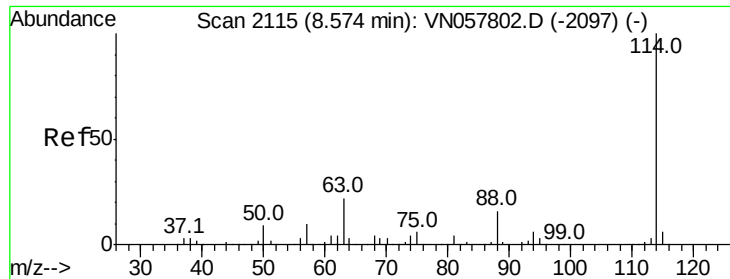


Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC



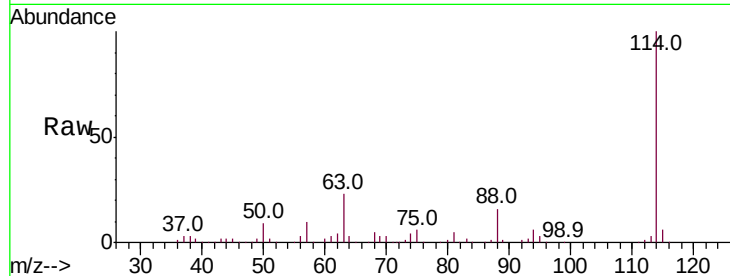




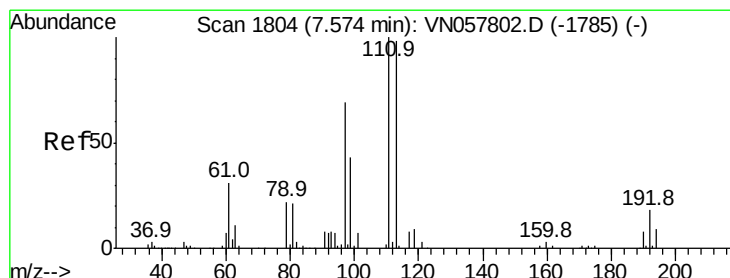
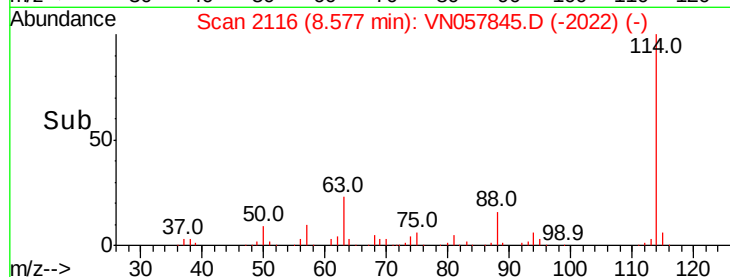
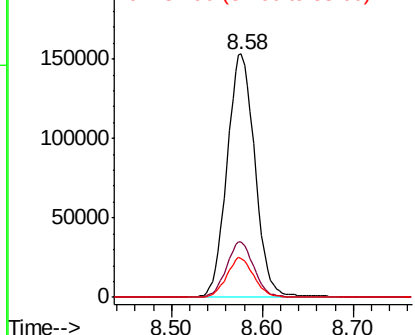
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2116  
 Delta R.T. 0.00 min  
 Lab File: VN057845.D  
 Acq: 10 Sep 2019 8:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB122910TB

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 22.6  | 0.0   | 44.0  |
| 88      | 16.2  | 0.0   | 31.4  |

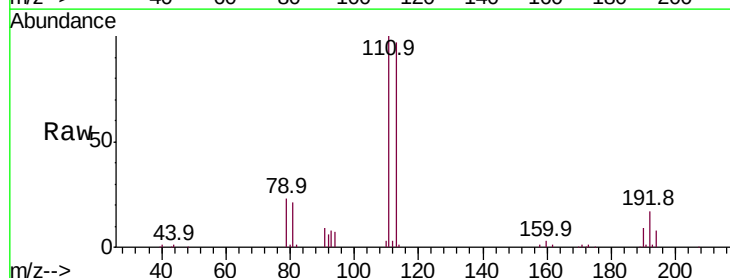


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VN  
 Ion 87.90 (87.60 to 88.60): VN

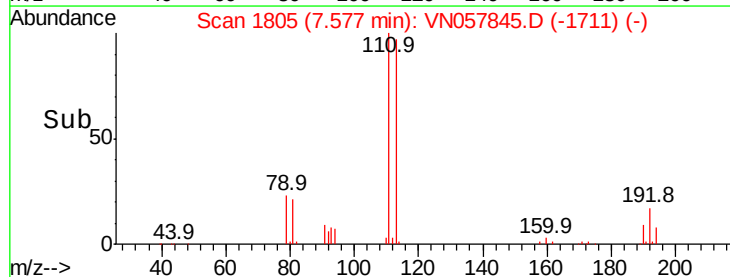
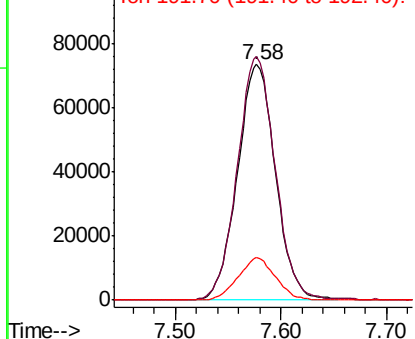


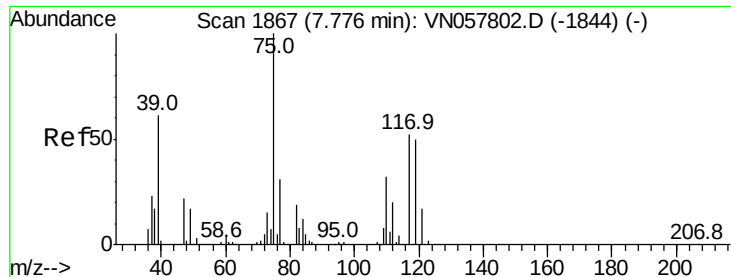
#35  
 Dibromofluoromethane  
 Concen: 61.286 ug/l  
 RT: 7.58 min Scan# 1805  
 Delta R.T. 0.00 min  
 Lab File: VN057845.D  
 Acq: 10 Sep 2019 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.0 | 81.3  | 121.9 |
| 192     | 17.6  | 14.6  | 22.0  |



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

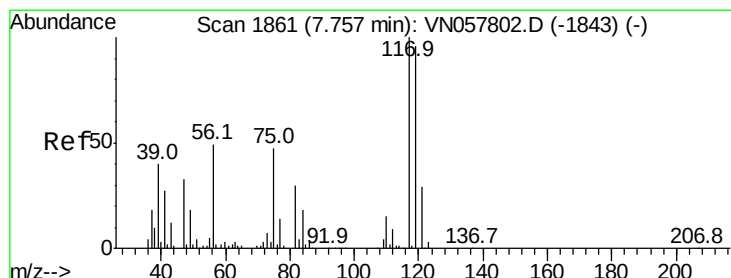
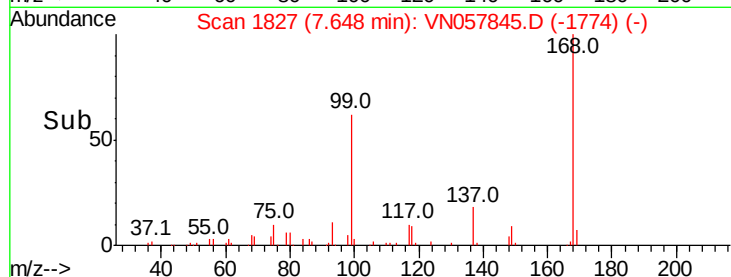
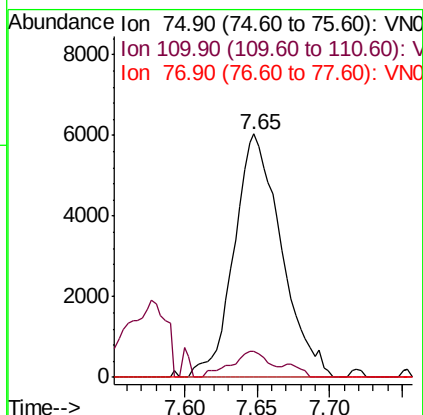
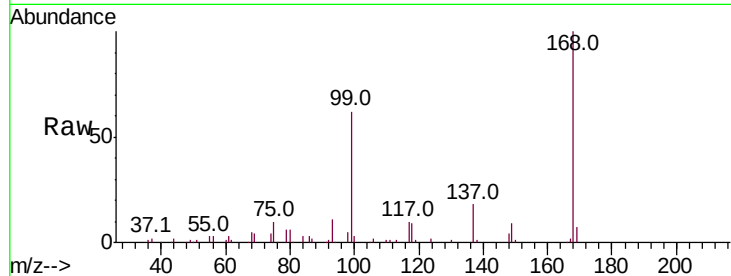




#36  
 1,1-Dichloropropene  
 Concen: 3.610 ug/l  
 RT: 7.65 min Scan# 1827  
 Delta R.T. -0.13 min  
 Lab File: VN057845.D  
 Acq: 10 Sep 2019 8:42

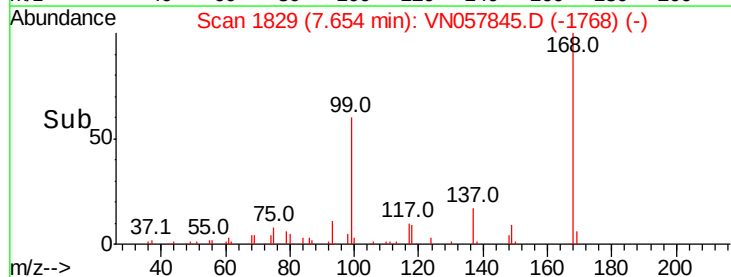
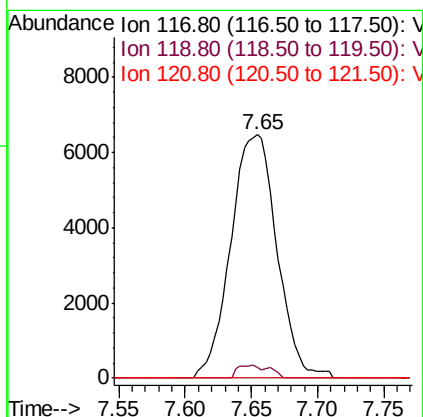
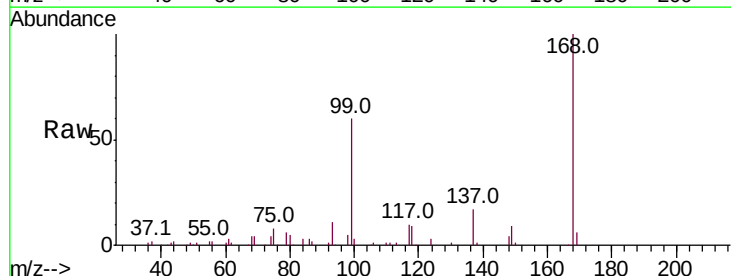
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB122910TB

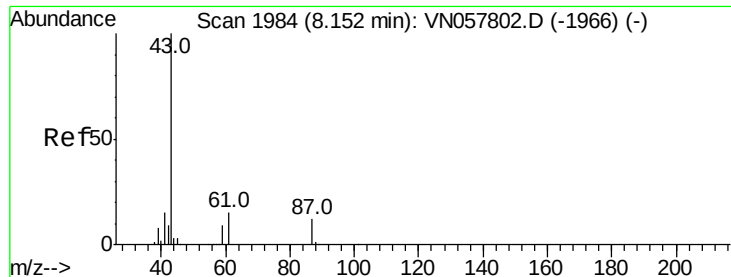
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 8.9   | 16.3  | 48.9# |
| 77      | 0.0   | 25.0  | 37.4# |



#38  
 Carbon Tetrachloride  
 Concen: 4.539 ug/l  
 RT: 7.65 min Scan# 1829  
 Delta R.T. -0.10 min  
 Lab File: VN057845.D  
 Acq: 10 Sep 2019 8:42

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 4.4   | 76.9  | 115.3# |
| 121     | 0.0   | 23.4  | 35.2#  |





#43

Isopropyl Acetate

Concen: 17.622 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.01 min

Lab File: VN057845.D

Acq: 10 Sep 2019 8:42

Instrument :

MSVOA\_N

ClientSampled :

PB122910TB

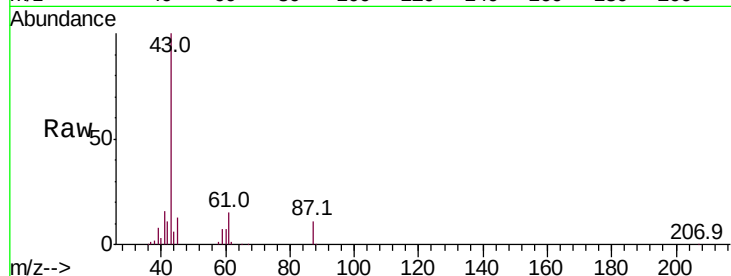
Tot Ion: 43 Resp: 115842

Ion Ratio Lower Upper

43 100

61 13.8 20.1 30.1#

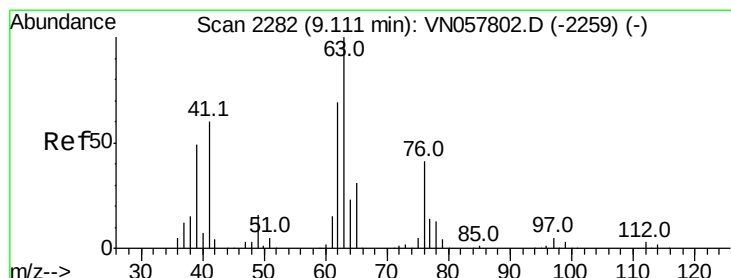
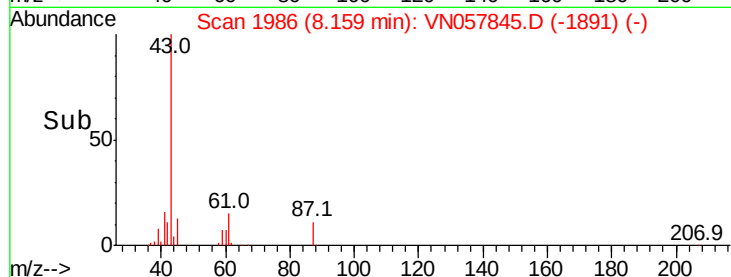
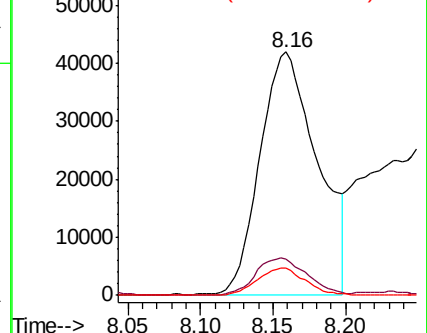
87 9.2 9.5 14.3#



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



#45

1,2-Dichloropropane

Concen: 0.628 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN057845.D

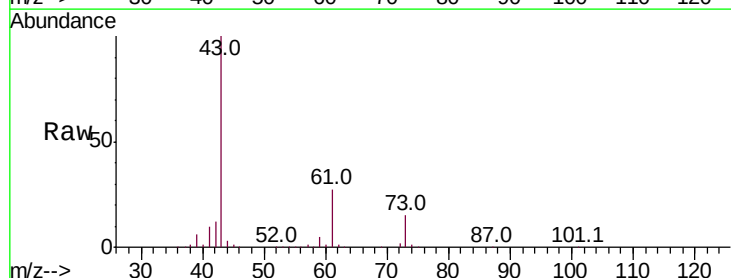
Acq: 10 Sep 2019 8:42

Tgt Ion: 63 Resp: 2082

Ion Ratio Lower Upper

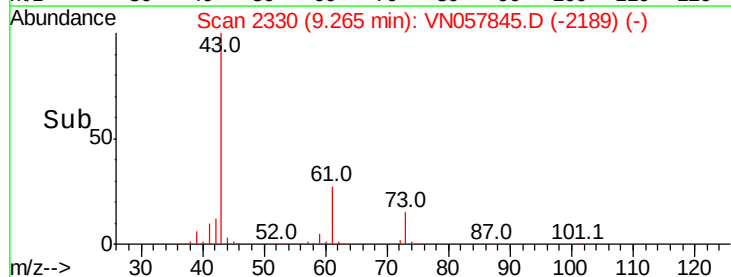
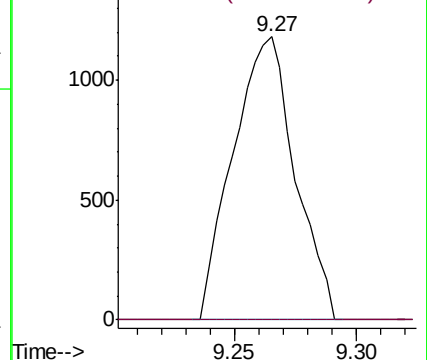
63 100

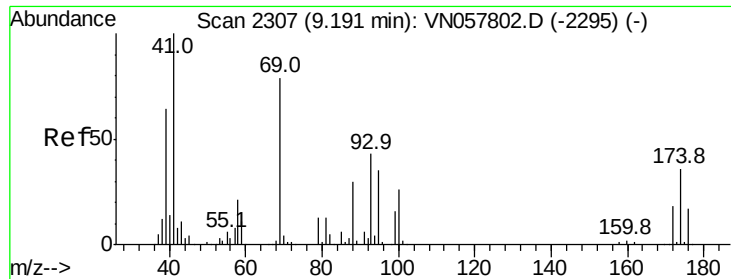
65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

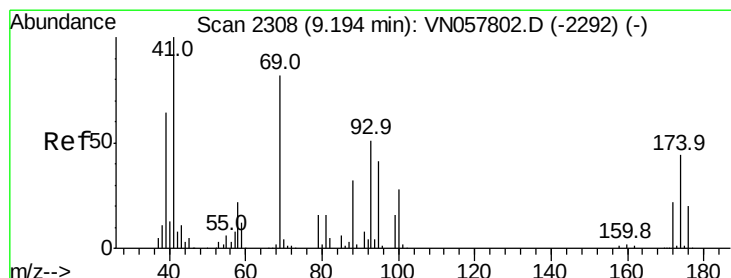
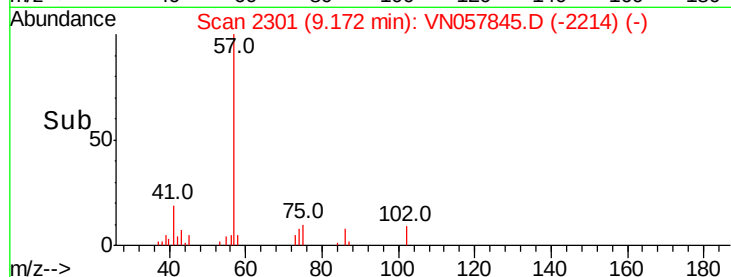
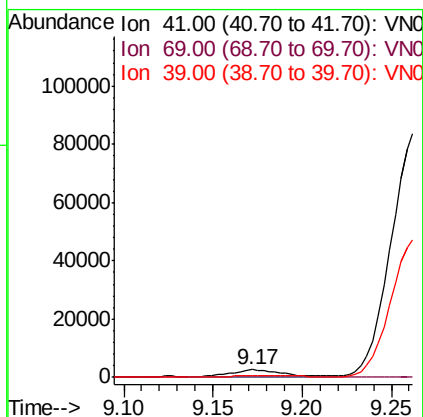
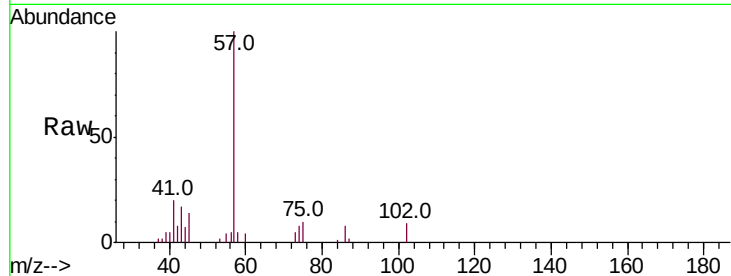




#48  
Methvl methacrylate  
Concen: 1.714 ug/l  
RT: 9.17 min Scan# 2301  
Delta R.T. -0.02 min  
Lab File: VN057845.D  
Acq: 10 Sep 2019 8:42

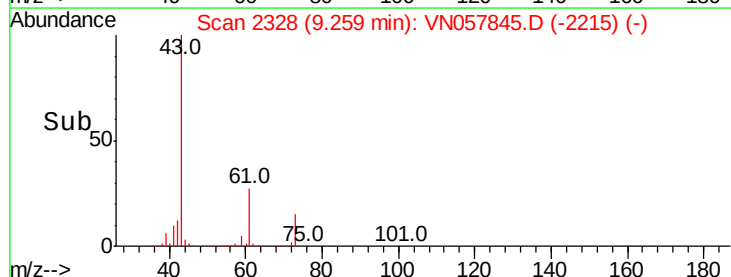
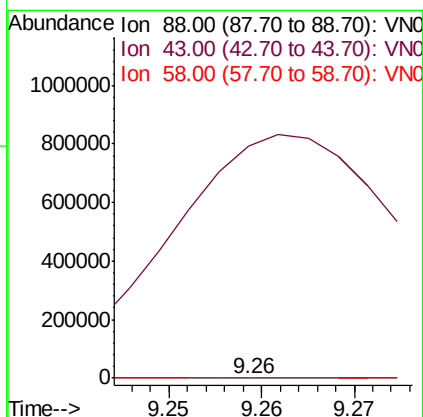
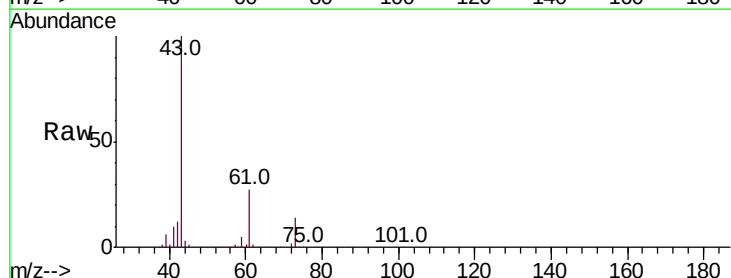
Instrument :  
MSVOA\_N  
ClientSampled :  
PB122910TB

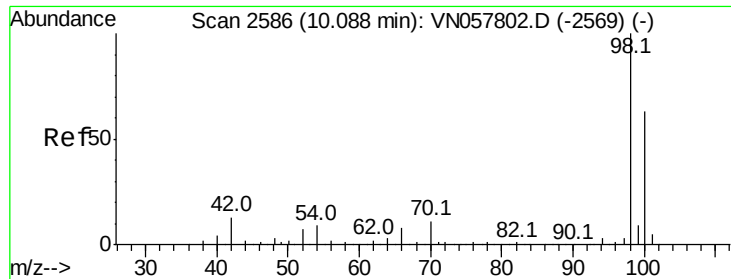
Tot Ion: 41 Resp: 5716  
Ion Ratio Lower Upper  
41 100  
69 0.0 62.7 94.1#  
39 0.0 52.7 79.1#



#49  
1,4-Dioxane  
Concen: 1.135 ug/l  
RT: 9.26 min Scan# 2328  
Delta R.T. 0.06 min  
Lab File: VN057845.D  
Acq: 10 Sep 2019 8:42

Tgt Ion: 88 Resp: 64  
Ion Ratio Lower Upper  
88 100  
43 2471090.6 28.5 42.7#  
58 11450.0 55.8 83.6#





#50

Toluene-d8

Concen: 43.343 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057845.D

Acq: 10 Sep 2019 8:42

Instrument :

MSVOA\_N

ClientSampleId :

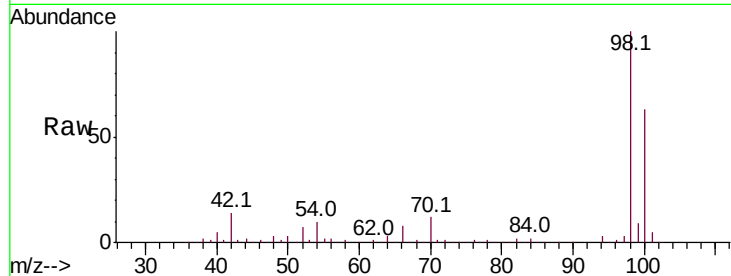
PB122910TB

Tot Ion: 98 Resp: 506698

Ion Ratio Lower Upper

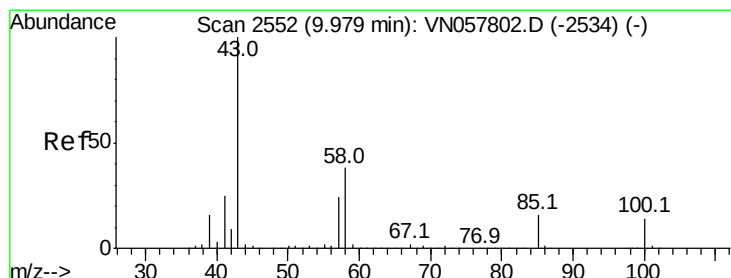
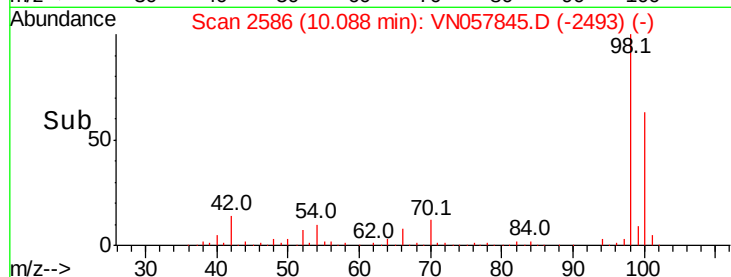
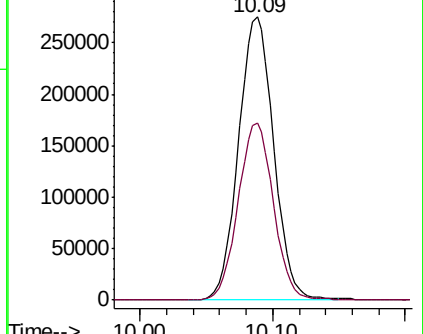
98 100

100 62.9 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 1.737 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057845.D

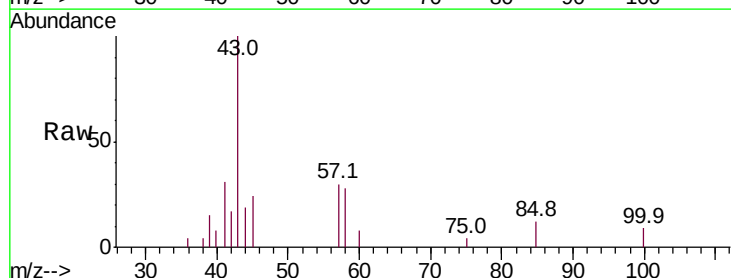
Acq: 10 Sep 2019 8:42

Tgt Ion: 43 Resp: 6758

Ion Ratio Lower Upper

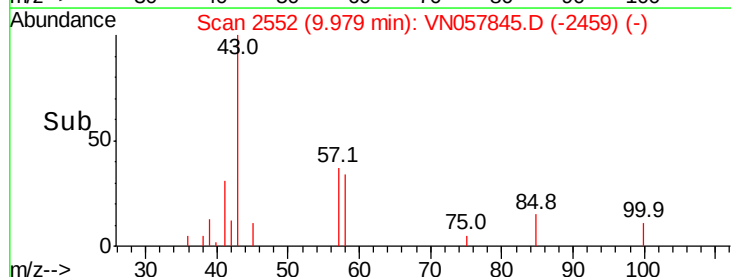
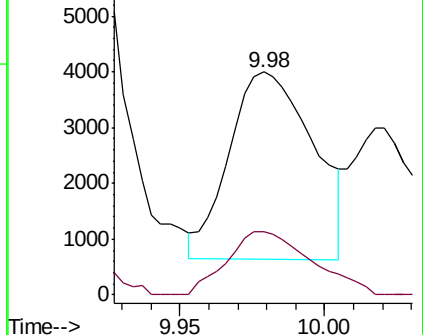
43 100

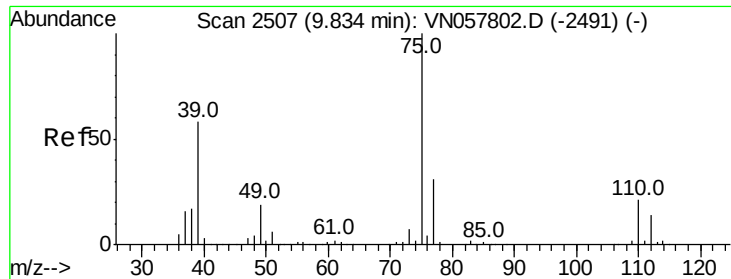
58 34.2 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#54

cis-1,3-Dichloropropene

Concen: 7.798 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057845.D

Acq: 10 Sep 2019 8:42

Instrument :

MSVOA\_N

ClientSampled :

PB122910TB

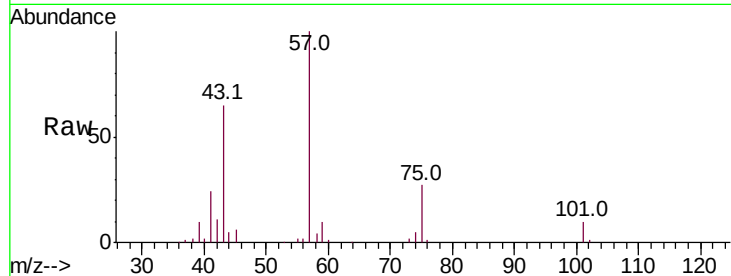
Tot Ion: 75 Resp: 36261

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

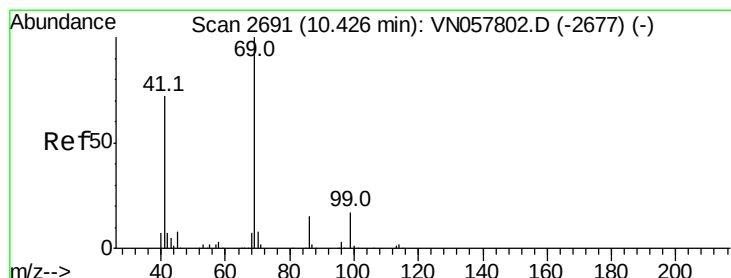
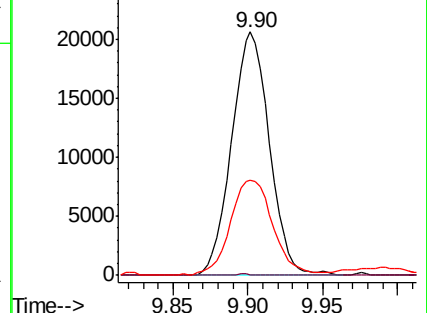
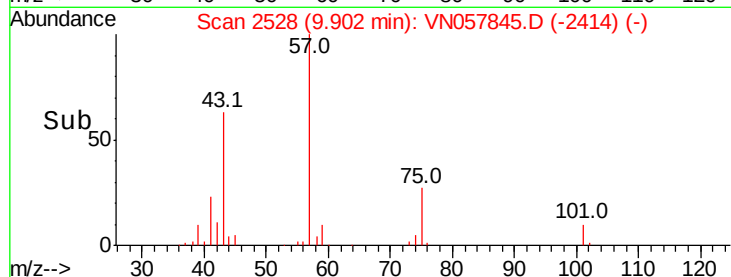
39 39.1 46.2 69.4#



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: 0.352 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN057845.D

Acq: 10 Sep 2019 8:42

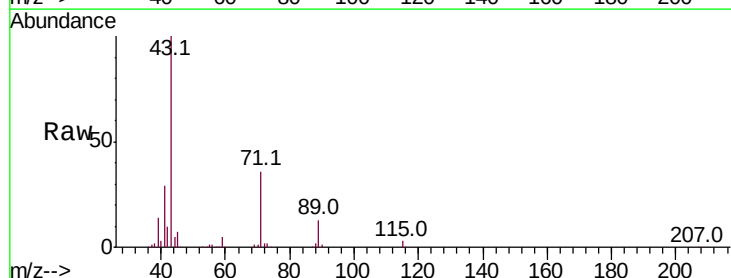
Tgt Ion: 69 Resp: 1610

Ion Ratio Lower Upper

69 100

41 5293.9 56.7 85.1#

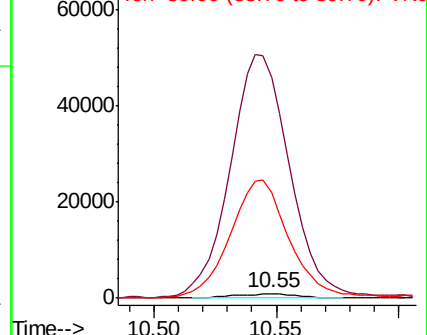
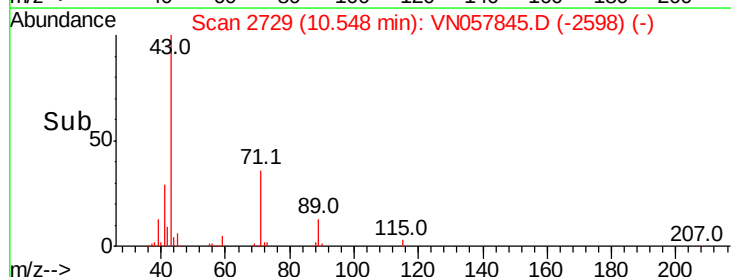
39 2582.4 36.3 54.5#

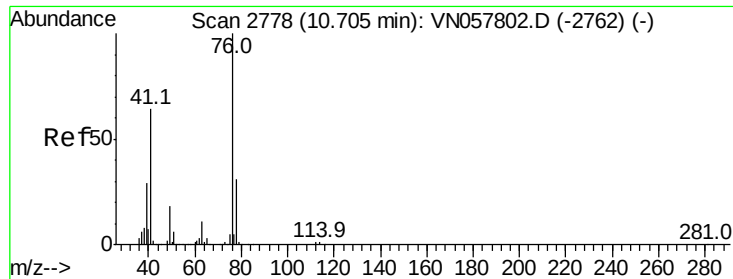


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.299 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN057845.D

Acq: 10 Sep 2019 8:42

Instrument :

MSVOA\_N

ClientSampleId :

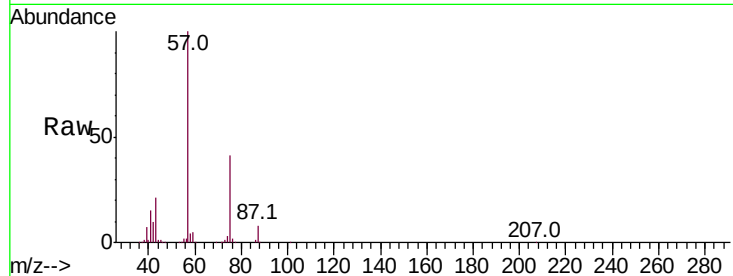
PB122910TB

Tot Ion: 76 Resp: 6802

Ion Ratio Lower Upper

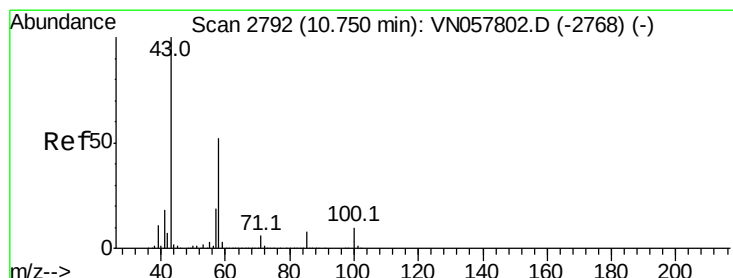
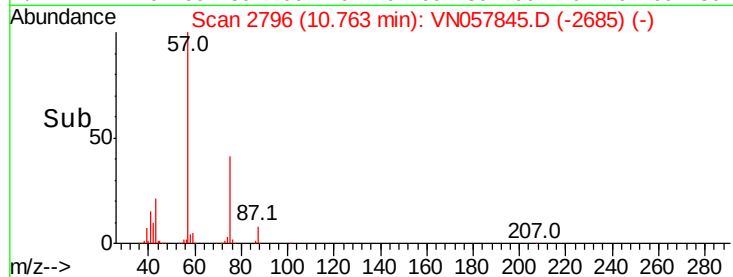
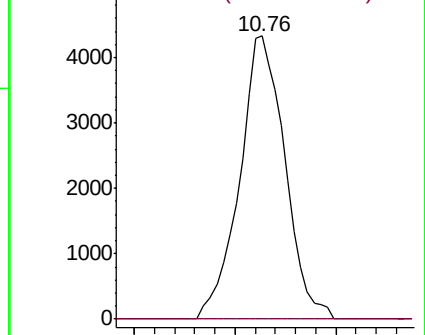
76 100

78 0.0 25.4 38.2#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 34.109 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN057845.D

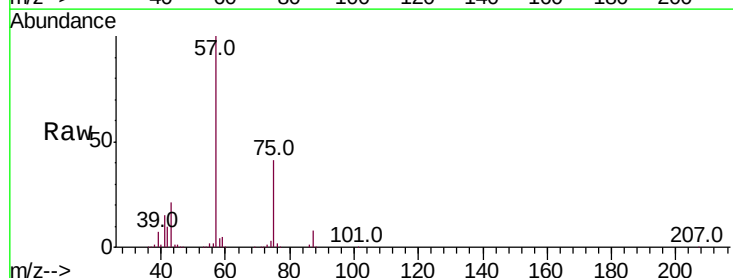
Acq: 10 Sep 2019 8:42

Tgt Ion: 43 Resp: 99455

Ion Ratio Lower Upper

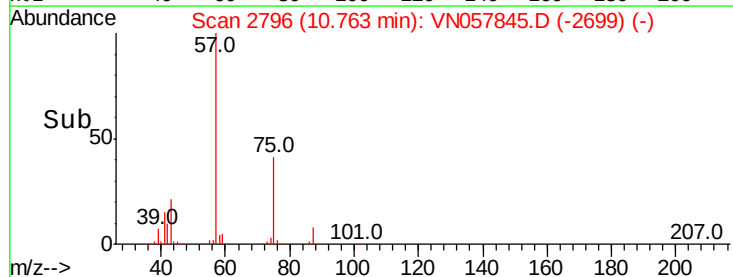
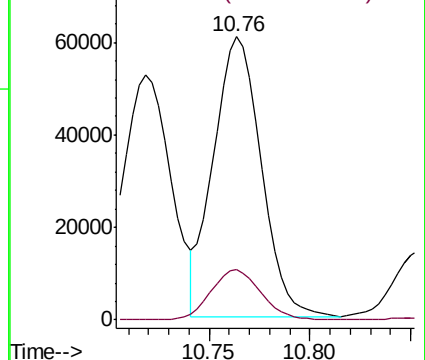
43 100

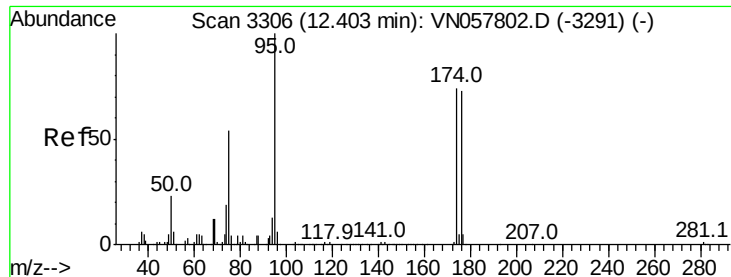
58 18.8 25.6 76.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 35.158 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057845.D

Acq: 10 Sep 2019 8:42

Instrument :

MSVOA\_N

ClientSampleId :

PB122910TB

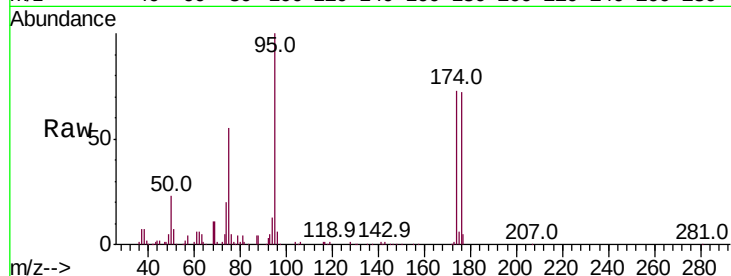
Tot Ion: 95 Resp: 156633

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.2

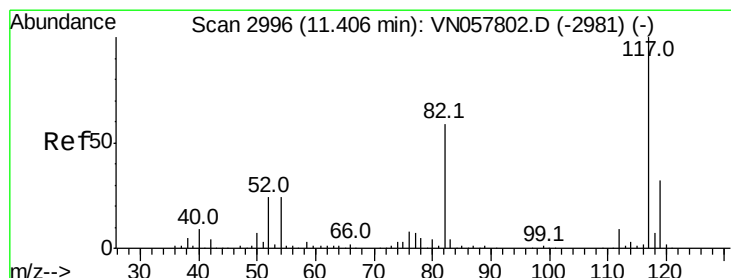
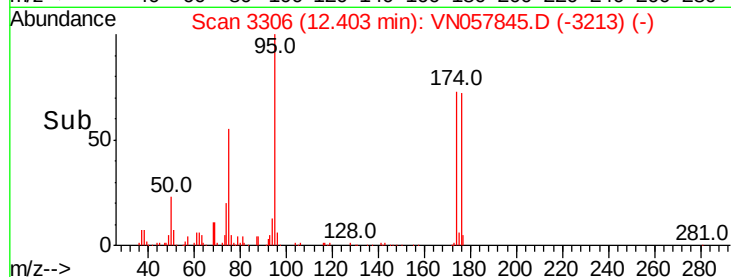
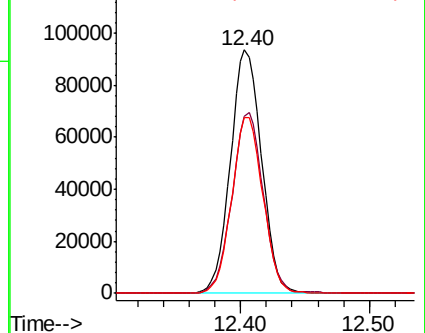
176 72.3 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057845.D

Acq: 10 Sep 2019 8:42

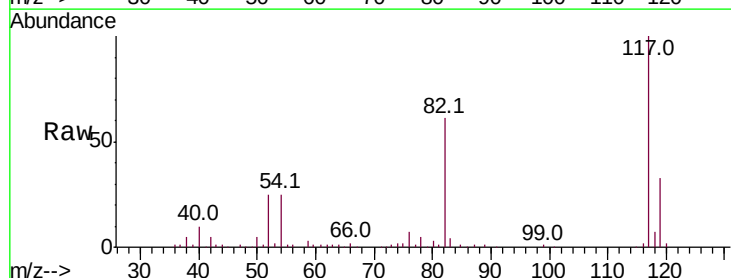
Tgt Ion: 117 Resp: 261576

Ion Ratio Lower Upper

117 100

82 60.7 47.2 70.8

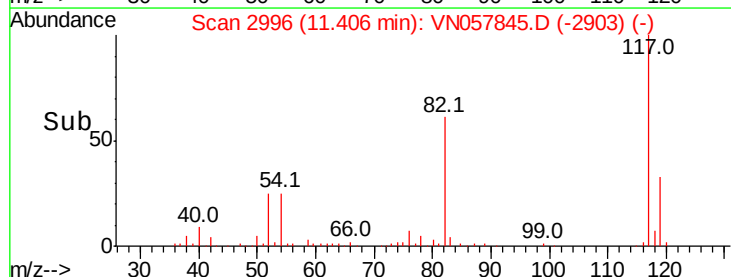
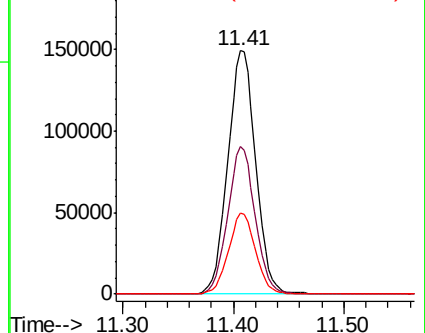
119 33.2 25.3 37.9



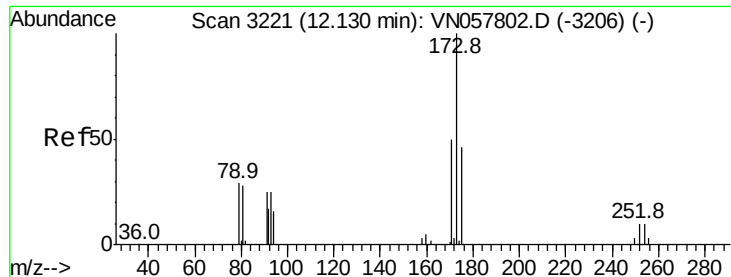
Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0







#71

Bromoform

Concen: 0.248 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.27 min

Lab File: VN057845.D

Acq: 10 Sep 2019 8:42

Instrument :

MSVOA\_N

ClientSampleId :

PB122910TB

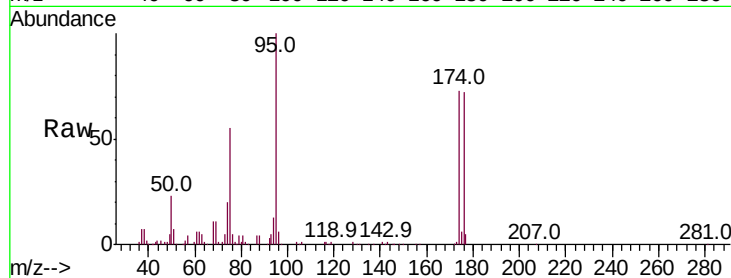
Tot Ion:173 Resp: 368

Ion Ratio Lower Upper

173 100

175 2018.5 23.5 70.6#

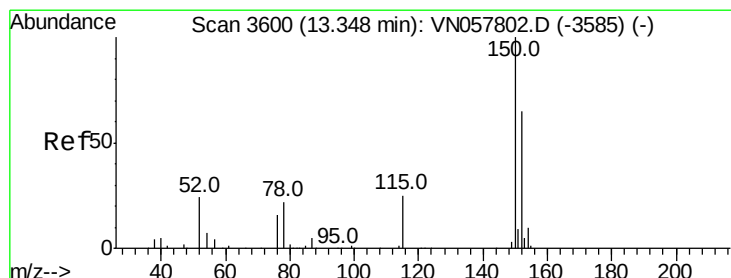
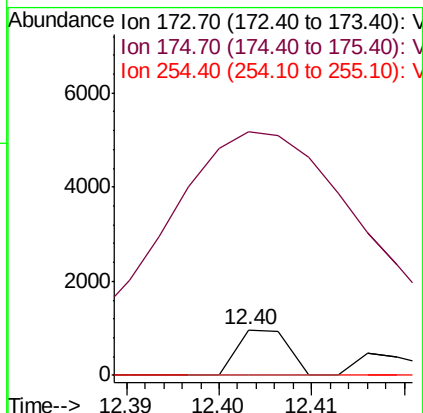
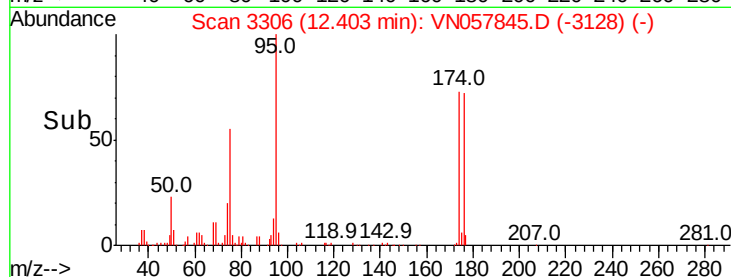
254 0.0 0.1 0.1#



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# 3600

Delta R.T. 0.00 min

Lab File: VN057845.D

Acq: 10 Sep 2019 8:42

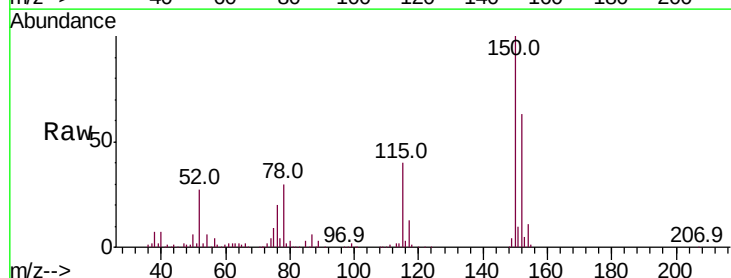
Tgt Ion:152 Resp: 104124

Ion Ratio Lower Upper

152 100

115 61.9 30.3 91.0

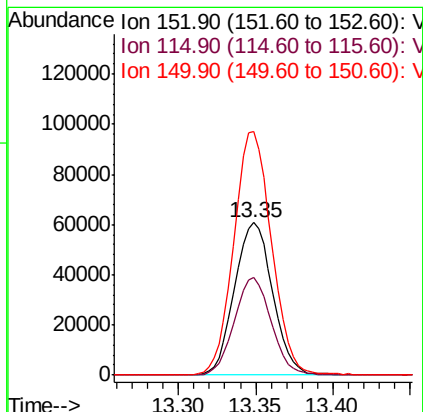
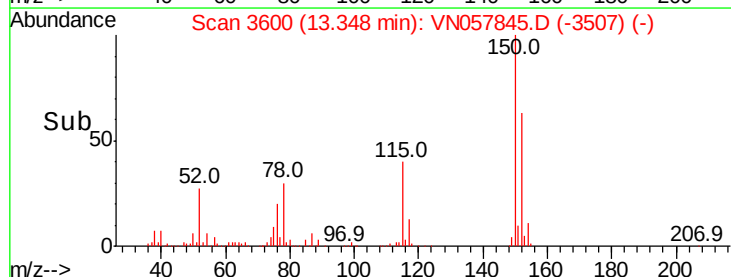
150 157.8 0.0 352.4

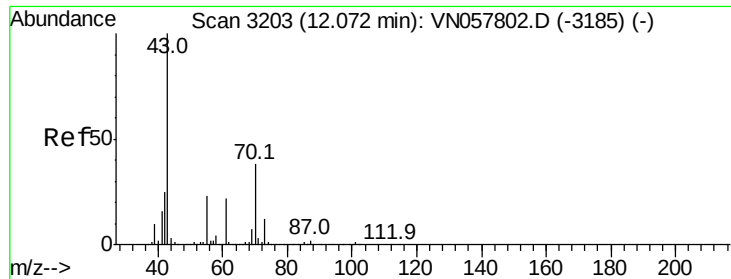


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

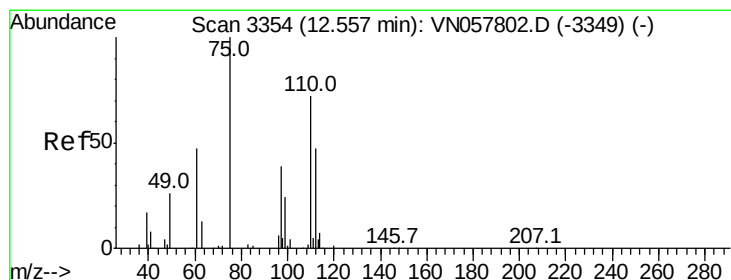
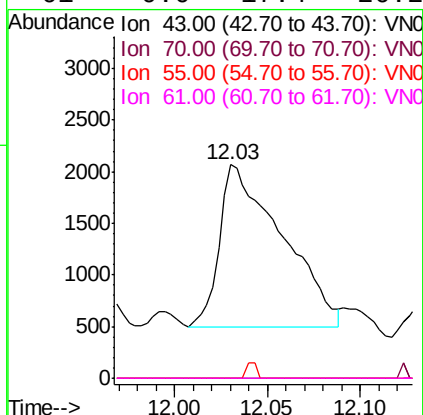
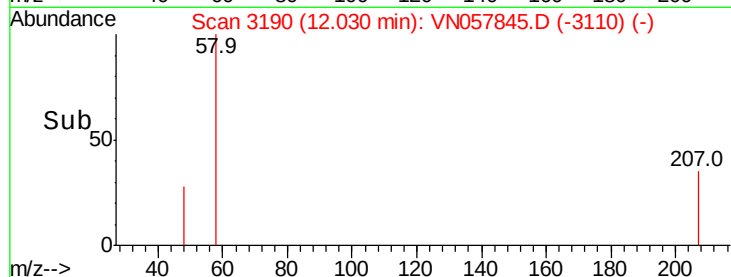
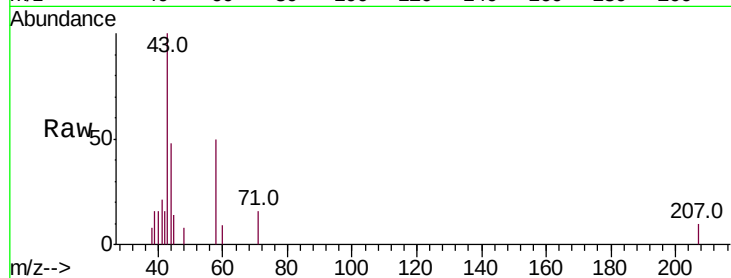




#74  
N-amvl acetate  
Concen: 1.049 ug/l  
RT: 12.03 min Scan# 3190  
Delta R.T. -0.04 min  
Lab File: VN057845.D  
Acq: 10 Sep 2019 8:42

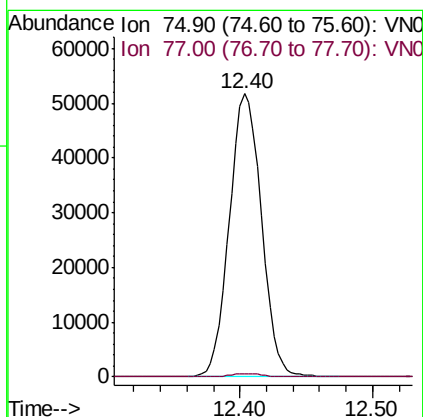
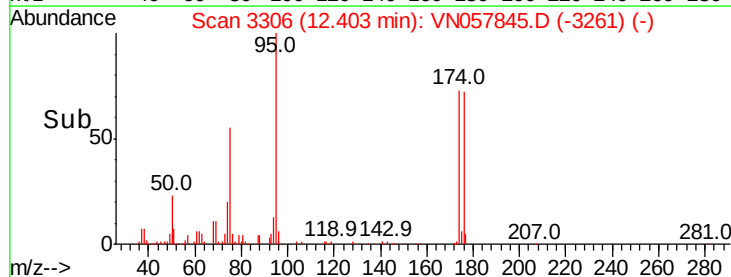
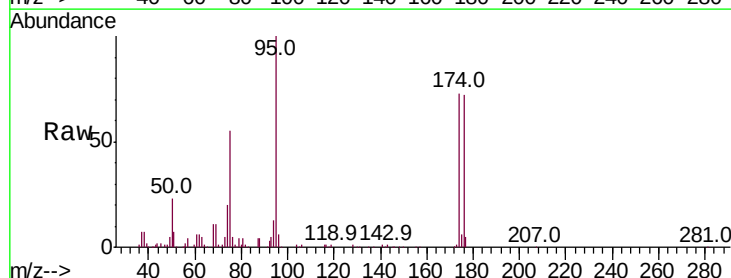
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB122910TB

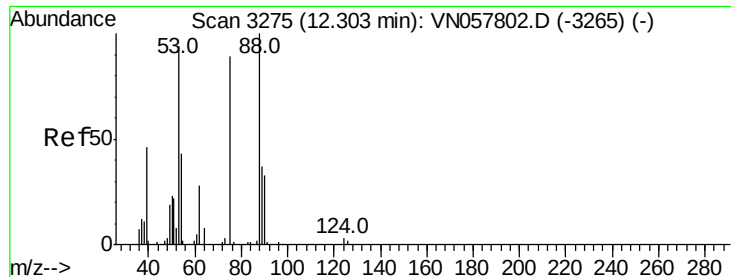
Tot Ion: 43 Resp: 3690  
Ion Ratio Lower Upper  
43 100  
70 0.0 30.6 45.8#  
55 1.6 18.6 27.8#  
61 0.0 17.4 26.2#



#76  
1,2,3-Trichloropropane  
Concen: 37.006 ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. -0.15 min  
Lab File: VN057845.D  
Acq: 10 Sep 2019 8:42

Tgt Ion: 75 Resp: 87166  
Ion Ratio Lower Upper  
75 100  
77 1.1 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 130.224 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057845.D

Acq: 10 Sep 2019 8:42

Instrument :

MSVOA\_N

ClientSampleId :

PB122910TB

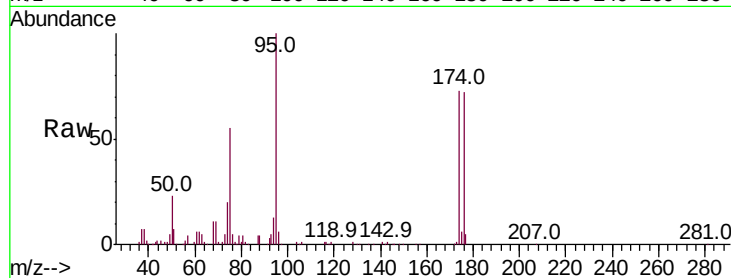
Tot Ion: 75 Resp: 87166

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

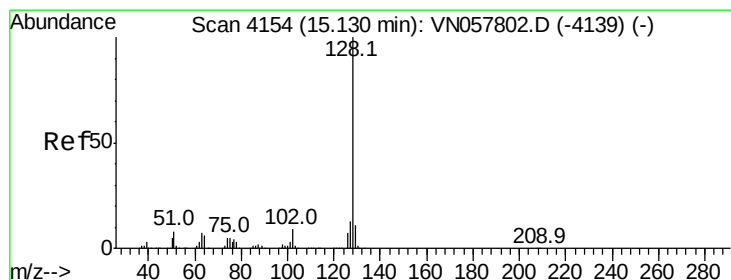
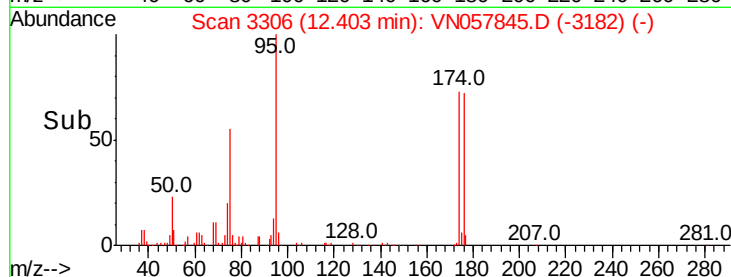
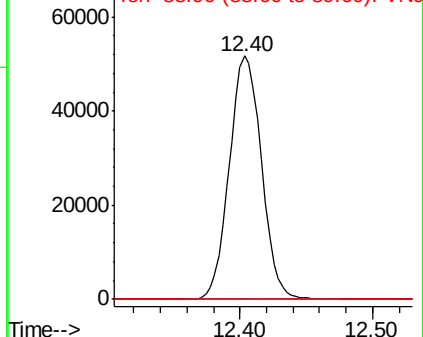
89 0.0 35.3 52.9#



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



#95

Naphthalene

Concen: Below Cal

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN057845.D

Acq: 10 Sep 2019 8:42

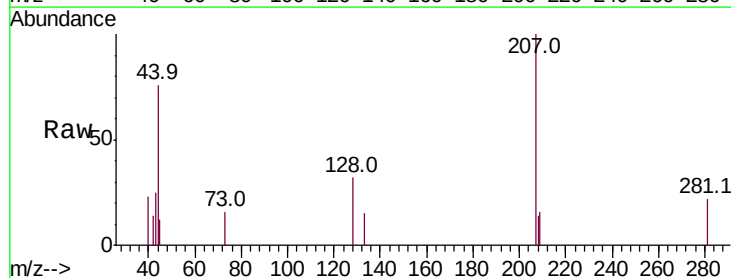
Tgt Ion: 128 Resp: 753

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 12.8#



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

