

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\  
 Data File : VN057628.D  
 Acq On : 31 Aug 2019 21:14  
 Operator : JC/SP  
 Sample : K4517-32  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 31 23:49:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N090119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 31 15:54:32 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 297001   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 511269   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 438949   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 125411   | 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   | 245644   | 36.61 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 73.22% |          |
| 35) Dibromofluoromethane    | 7.58  | 113  | 154551   | 34.62 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 69.24% |          |
| 50) Toluene-d8              | 10.08 | 98   | 633467   | 36.96 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 73.92% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 193200   | 29.64 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 59.28% |          |

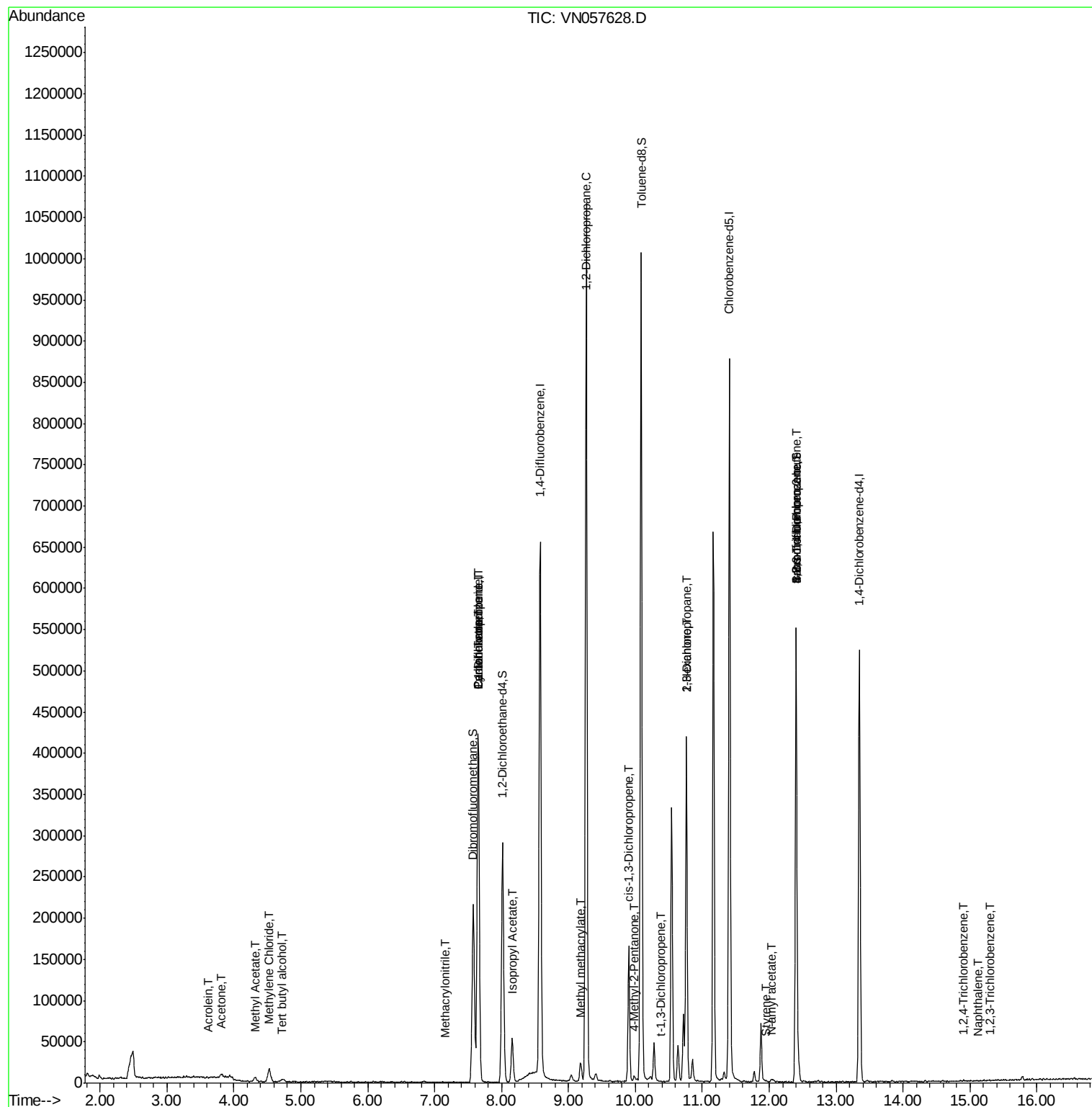
| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 11) Tert butyl alcohol         | 4.71  | 59   | 1114     | 1.583   | ug/l # | 81     |
| 13) Acrolein                   | 3.62  | 56   | 59       | 0.211   | ug/l # | 1      |
| 16) Acetone                    | 3.81  | 43   | 5969     | 3.175   | ug/l # | 88     |
| 18) Methyl Acetate             | 4.32  | 43   | 11053    | 1.712   | ug/l # | 69     |
| 20) Methylene Chloride         | 4.53  | 84   | 10398    | 2.234   | ug/l   | 89     |
| 31) Cyclohexane                | 7.64  | 56   | 9965     | 1.121   | ug/l # | 34     |
| 36) 1,1-Dichloropropene        | 7.65  | 75   | 31183    | 4.600   | ug/l # | 52     |
| 38) Carbon Tetrachloride       | 7.65  | 117  | 33482    | 5.518   | ug/l # | 13     |
| 41) Methacrylonitrile          | 7.15  | 41   | 59       | 2.299   | ug/l # | 27     |
| 43) Isopropyl Acetate          | 8.16  | 43   | 64643    | 5.565   | ug/l   | 99     |
| 45) 1,2-Dichloropropane        | 9.26  | 63   | 1363     | 0.248   | ug/l # | 44     |
| 48) Methyl methacrylate        | 9.17  | 41   | 4315     | 0.728   | ug/l # | 15     |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 4306     | 0.647   | ug/l   | 93     |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 32       | 3.225   | ug/l # | 45     |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 25027    | 4.656   | ug/l # | 62     |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 4293     | 0.529   | ug/l # | 43     |
| 59) 2-Hexanone                 | 10.76 | 43   | 67743    | 13.855  | ug/l # | 55     |
| 70) Styrene                    | 11.96 | 104  | 101      | 2.591   | ug/l # | 23     |
| 71) Bromoform                  | 12.40 | 173  | 1182     | 6.582   | ug/l # | 1      |
| 74) N-amyl acetate             | 12.03 | 43   | 1432     | 0.240   | ug/l # | 56     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 113357   | 34.362  | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 113357   | 117.788 | ug/l # | 1      |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 398      | 8.479   | ug/l # | 61     |
| 95) Naphthalene                | 15.12 | 128  | 248      | 6.940   | ug/l # | 70     |
| 96) 1,2,3-Trichlorobenzene     | 15.30 | 180  | 70       | 7.797   | ug/l # | 13     |

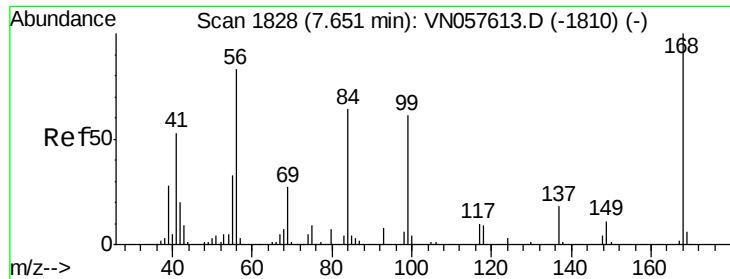
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090119\  
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Quant Time: Aug 31 23:49:01 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N090119W.M  
Quant Title : SW846 8260  
QLast Update : Sat Aug 31 15:54:32 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: VN057628.D

Acq: 31 Aug 2019 21:14

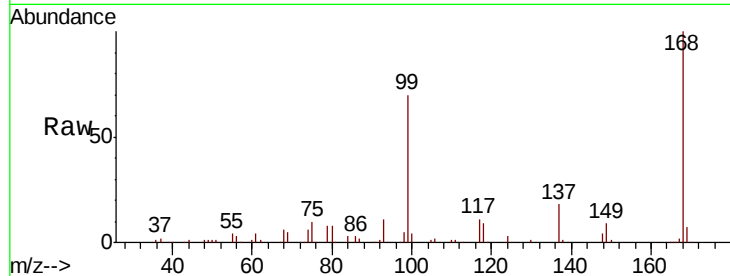
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 297001

Ion Ratio Lower Upper

168 100

99 70.1 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

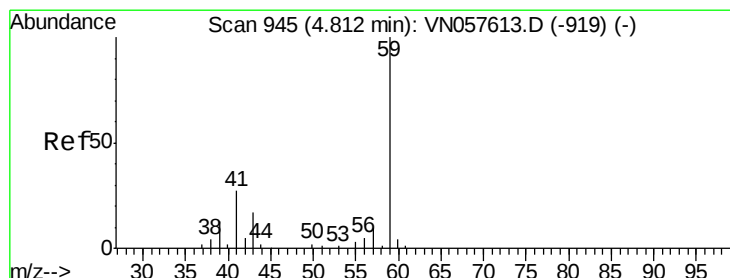
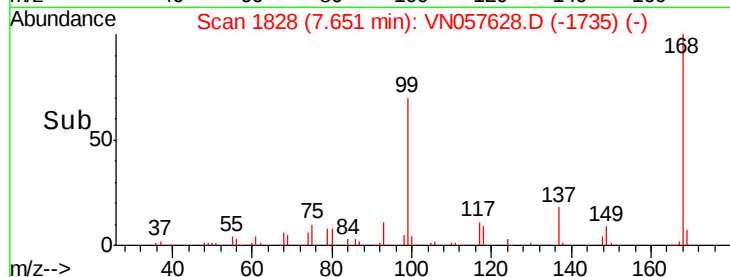
100000

50000

0

Time-->

7.60 7.70



#11

Tert butyl alcohol

Concen: 1.583 ug/l

RT: 4.71 min Scan# 914

Delta R.T. -0.10 min

Lab File: VN057628.D

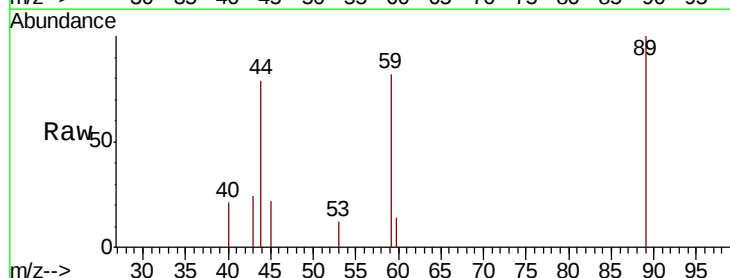
Acq: 31 Aug 2019 21:14

Tgt Ion: 59 Resp: 1114

Ion Ratio Lower Upper

59 100

57 0.0 5.0 7.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.71

1200

1000

800

600

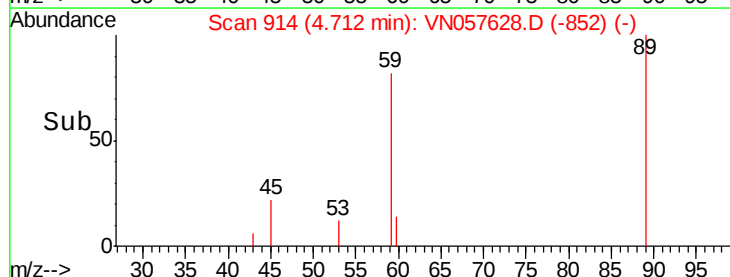
400

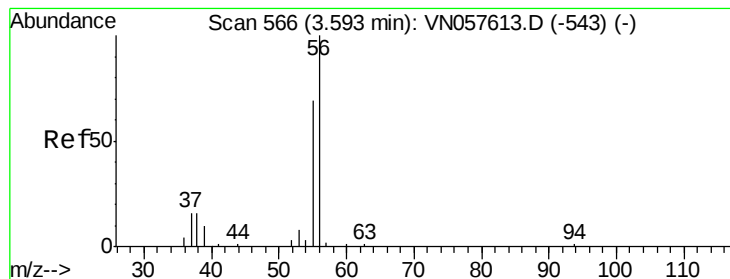
200

0

Time-->

4.68 4.70 4.72





#13

Acrolein

Concen: 0.211 ug/l

RT: 3.62 min Scan# 574

Delta R.T. 0.03 min

Lab File: VN057628.D

Acq: 31 Aug 2019 21:14

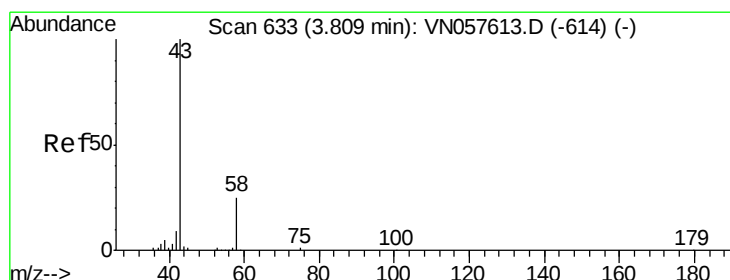
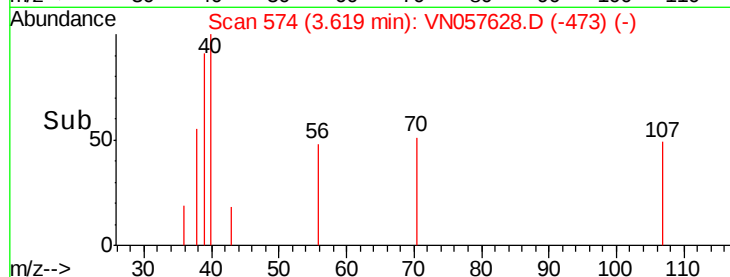
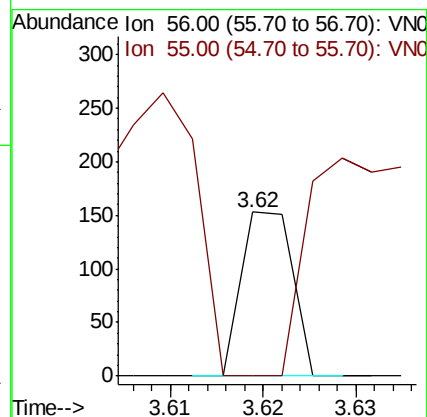
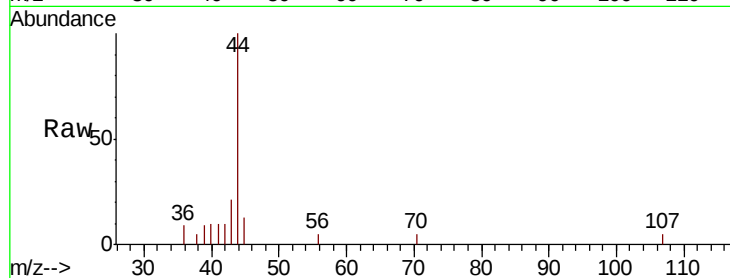
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 59

Ion Ratio Lower Upper

56 100

55 298.3 56.5 84.7#



#16

Acetone

Concen: 3.175 ug/l

RT: 3.81 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN057628.D

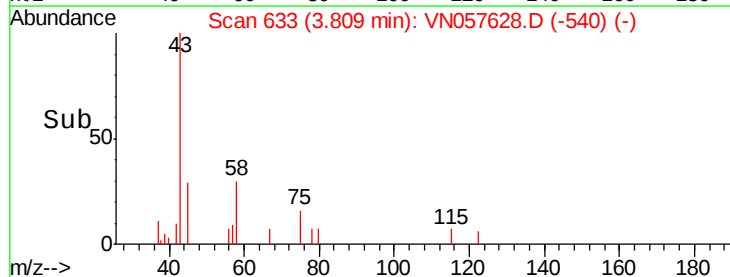
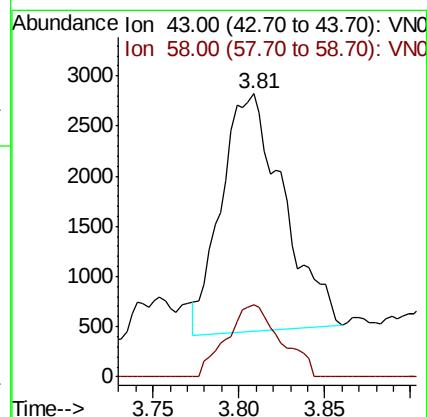
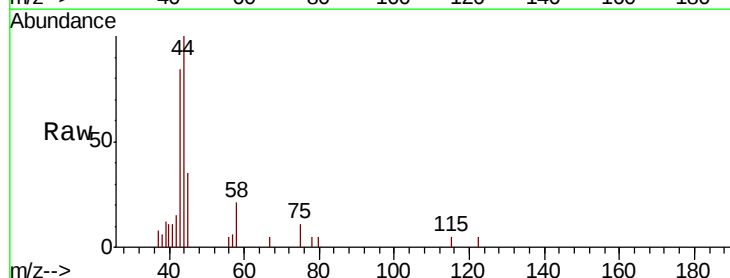
Acq: 31 Aug 2019 21:14

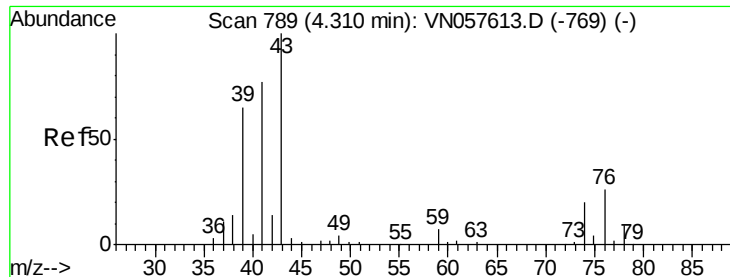
Tgt Ion: 43 Resp: 5969

Ion Ratio Lower Upper

43 100

58 30.9 20.0 30.0#

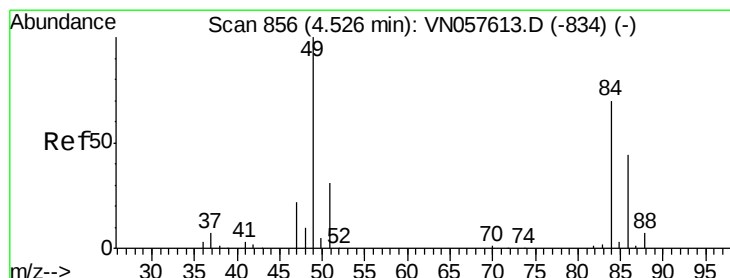
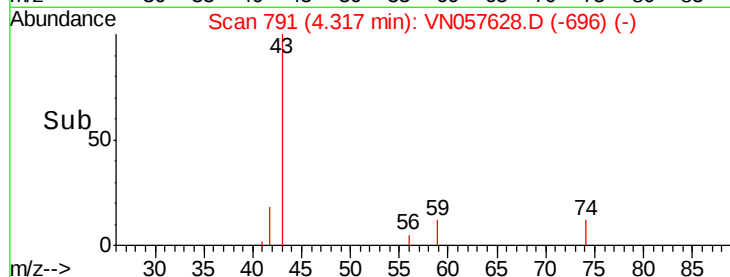
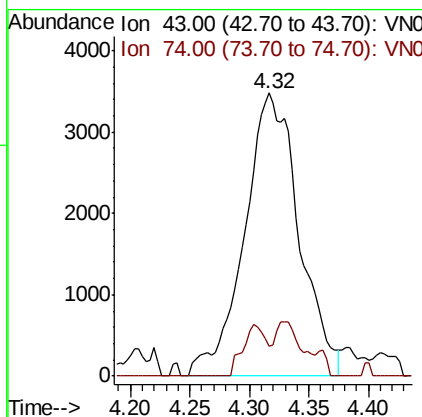
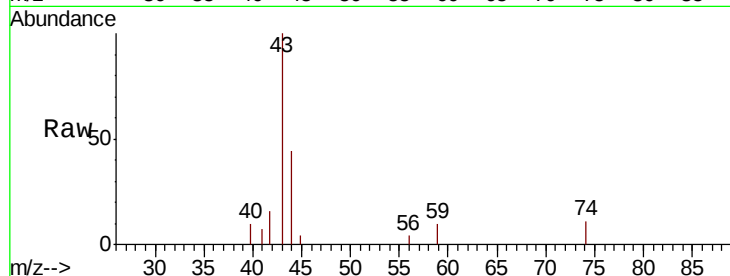




#18  
Methyl Acetate  
Concen: 1.712 ug/l  
RT: 4.32 min Scan# 791  
Delta R.T. 0.01 min  
Lab File: VN057628.D  
Acq: 31 Aug 2019 21:14

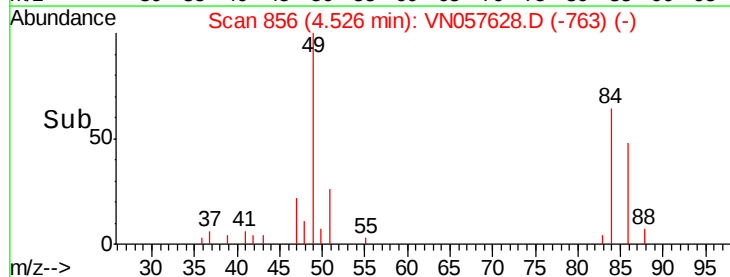
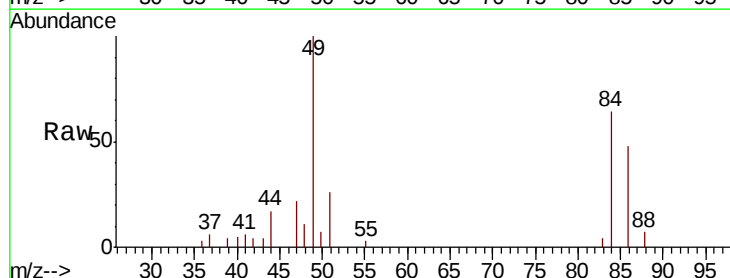
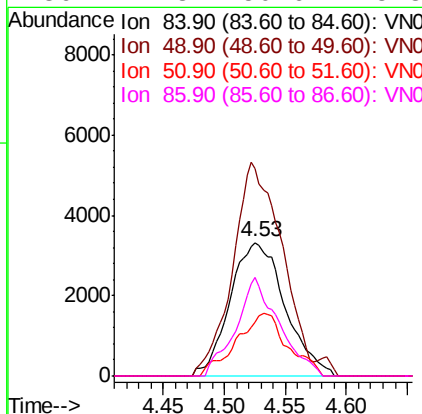
Instrument :  
MSVOA\_N  
ClientSampled :

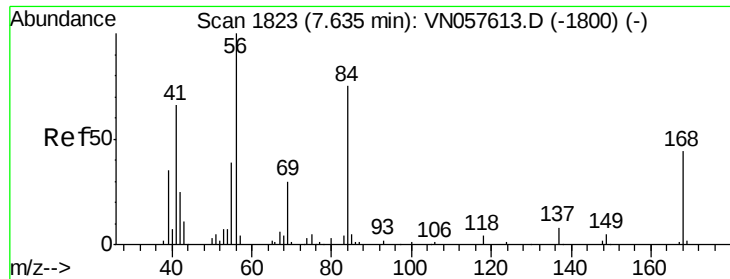
Tot Ion: 43 Resp: 11053  
Ion Ratio Lower Upper  
43 100  
74 5.5 15.7 23.5#



#20  
Methylene Chloride  
Concen: 2.234 ug/l  
RT: 4.53 min Scan# 856  
Delta R.T. -0.00 min  
Lab File: VN057628.D  
Acq: 31 Aug 2019 21:14

Tgt Ion: 84 Resp: 10398  
Ion Ratio Lower Upper  
84 100  
49 155.5 113.8 170.6  
51 40.5 35.0 52.6  
86 74.3 50.6 75.8

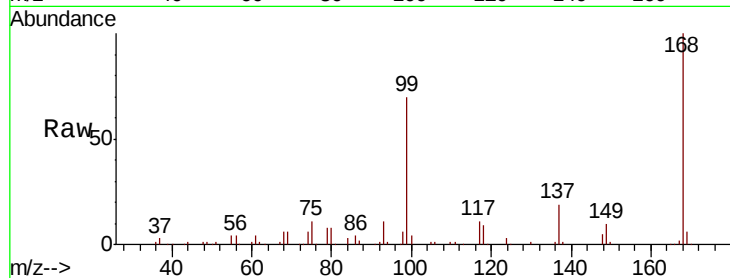




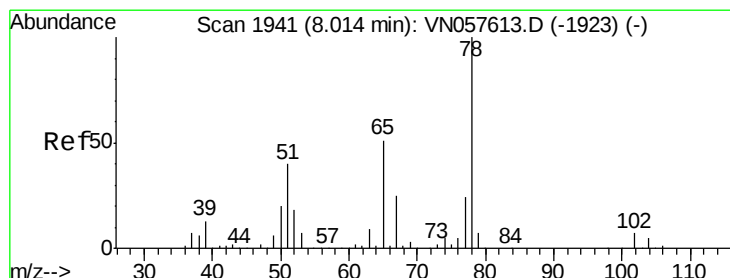
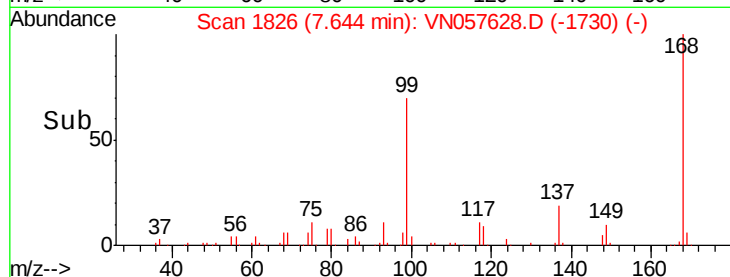
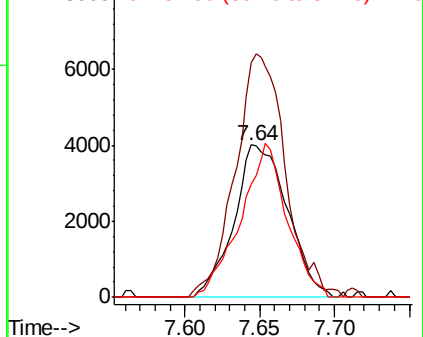
#31  
Cyclohexane  
Concen: 1.121 ug/l  
RT: 7.64 min Scan# 1826  
Delta R.T. 0.01 min  
Lab File: VN057628.D  
Acq: 31 Aug 2019 21:14

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 56 Resp: 9965  
Ion Ratio Lower Upper  
56 100  
69 153.7 24.4 36.6#  
84 74.2 59.9 89.9

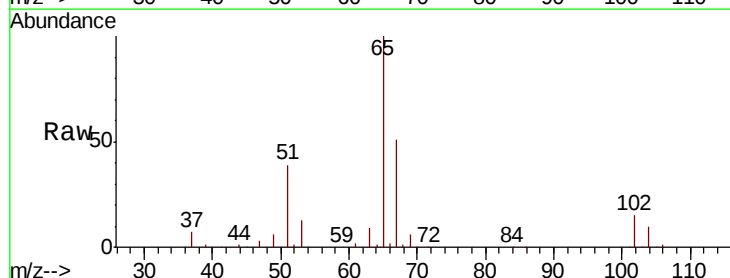


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

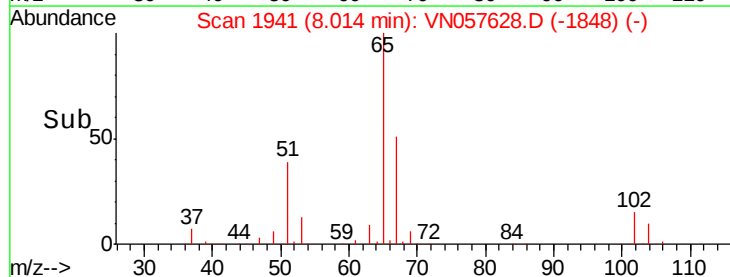
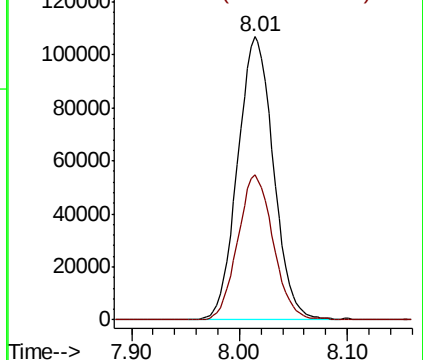


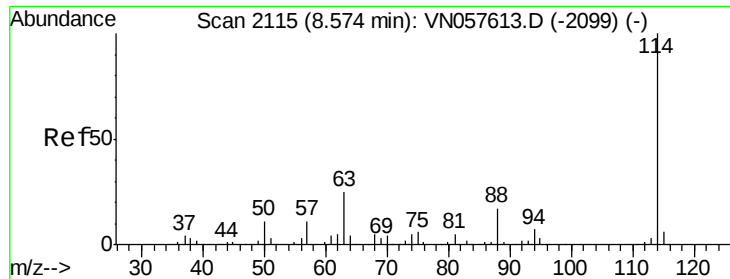
#33  
1,2-Dichloroethane-d4  
Concen: 36.613 ug/l  
RT: 8.01 min Scan# 1941  
Delta R.T. -0.00 min  
Lab File: VN057628.D  
Acq: 31 Aug 2019 21:14

Tgt Ion: 65 Resp: 245644  
Ion Ratio Lower Upper  
65 100  
67 50.7 0.0 102.2



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

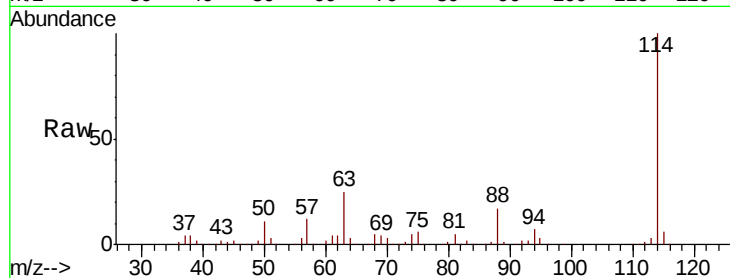




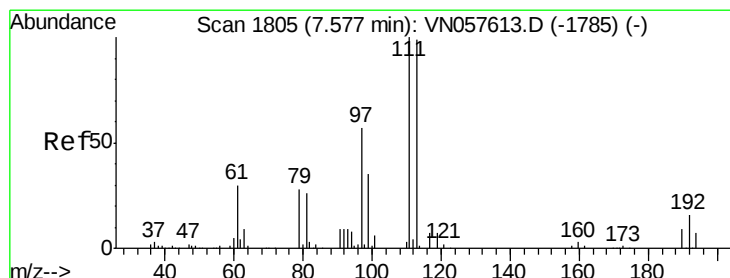
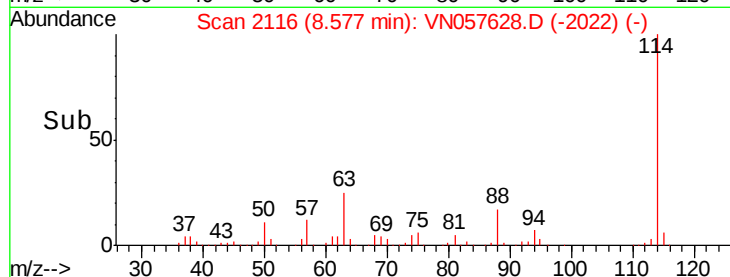
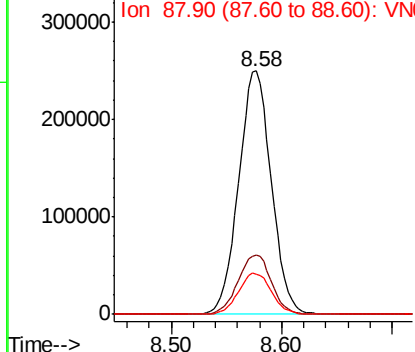
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2116  
 Delta R.T. 0.00 min  
 Lab File: VN057628.D  
 Acq: 31 Aug 2019 21:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:114 Resp: 511269  
 Ion Ratio Lower Upper  
 114 100  
 63 24.5 0.0 49.0  
 88 16.7 0.0 33.0

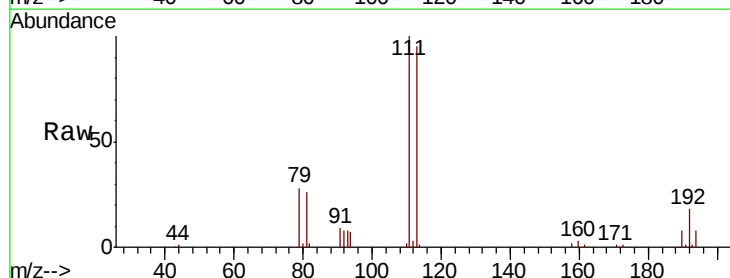


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VN  
 Ion 87.90 (87.60 to 88.60): VN

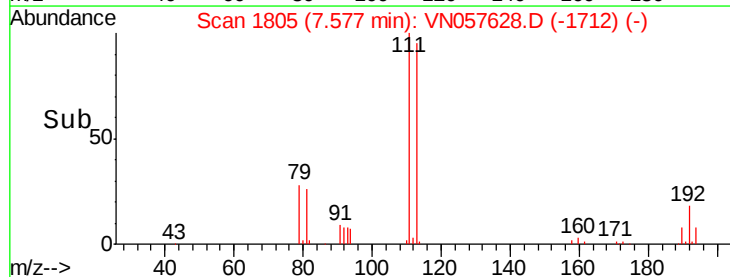
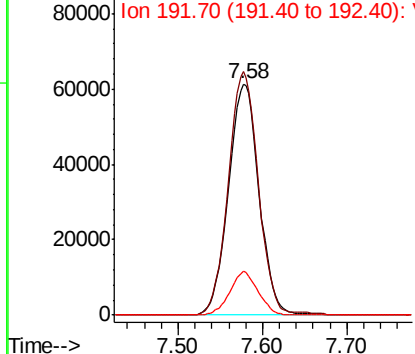


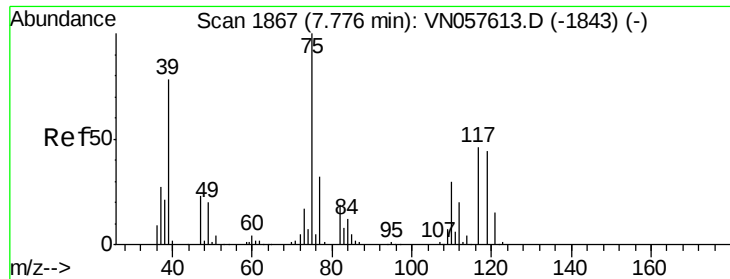
#35  
 Dibromofluoromethane  
 Concen: 34.615 ug/l  
 RT: 7.58 min Scan# 1805  
 Delta R.T. -0.00 min  
 Lab File: VN057628.D  
 Acq: 31 Aug 2019 21:14

Tgt Ion:113 Resp: 154551  
 Ion Ratio Lower Upper  
 113 100  
 111 103.0 81.3 121.9  
 192 17.4 13.5 20.3



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

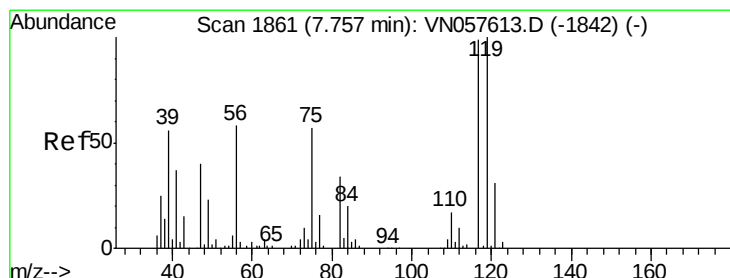
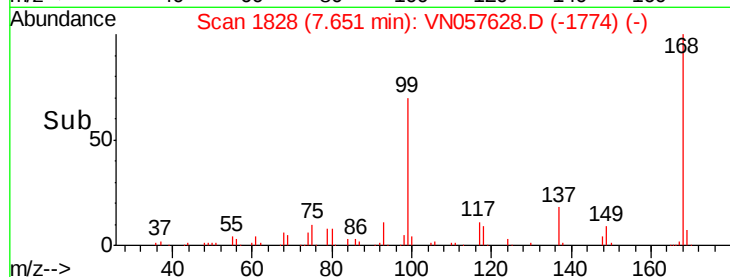
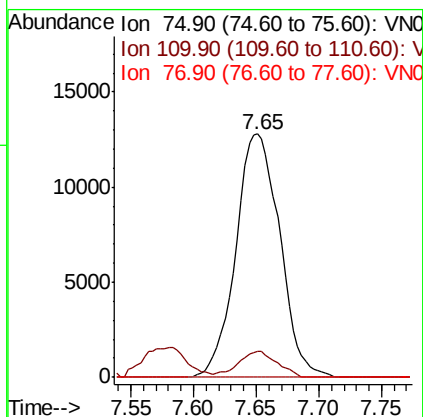
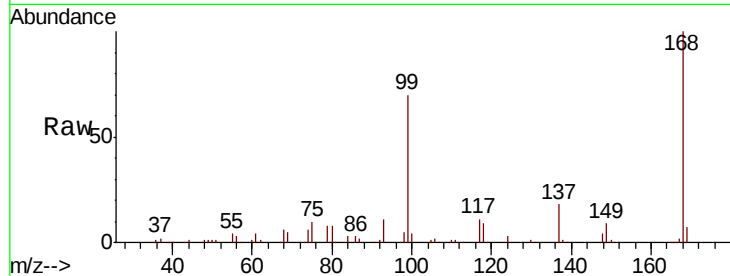




#36  
 1,1-Dichloropropene  
 Concen: 4.600 ug/l  
 RT: 7.65 min Scan# 1828  
 Delta R.T. -0.13 min  
 Lab File: VN057628.D  
 Acq: 31 Aug 2019 21:14

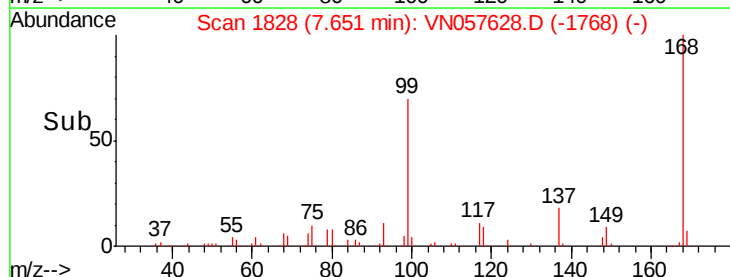
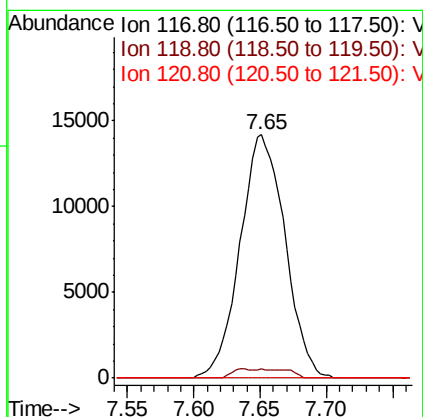
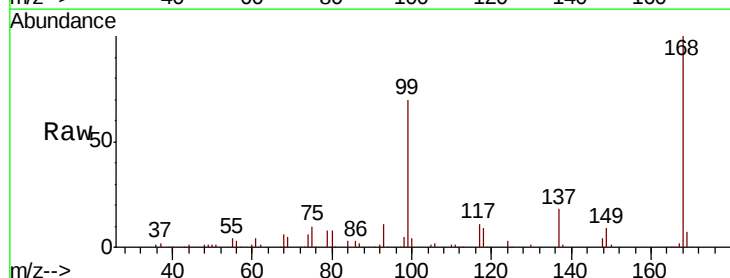
Instrument :  
 MSVOA\_N  
 ClientSampleId :

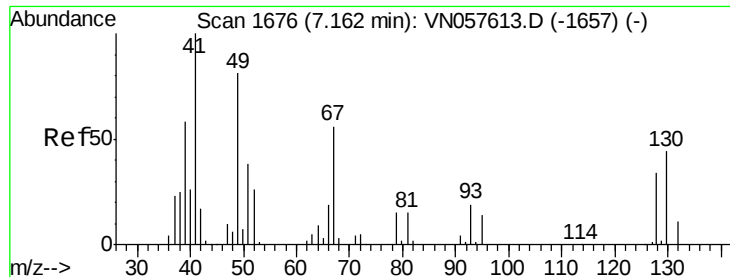
Tot Ion: 75 Resp: 31183  
 Ion Ratio Lower Upper  
 75 100  
 110 9.4 15.6 46.8#  
 77 0.0 24.9 37.3#



#38  
 Carbon Tetrachloride  
 Concen: 5.518 ug/l  
 RT: 7.65 min Scan# 1828  
 Delta R.T. -0.11 min  
 Lab File: VN057628.D  
 Acq: 31 Aug 2019 21:14

Tgt Ion: 117 Resp: 33482  
 Ion Ratio Lower Upper  
 117 100  
 119 3.7 80.6 120.8#  
 121 0.0 25.1 37.7#





#41

Methacrylonitrile

Concen: 2.299 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VN057628.D

Acq: 31 Aug 2019 21:14

Instrument :

MSVOA\_N

ClientSampled :

Tot Ion: 41 Resp: 59

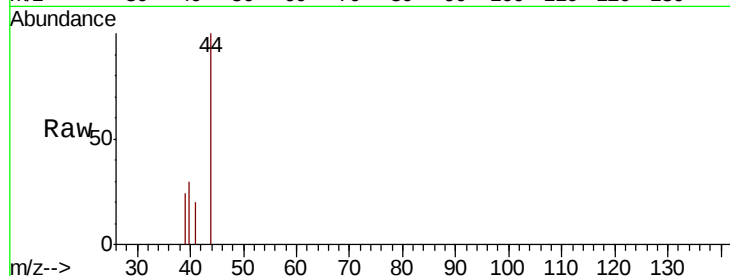
Ion Ratio Lower Upper

41 100

39 113.6 50.6 75.8#

67 0.0 56.9 85.3#

52 0.0 27.4 41.2#

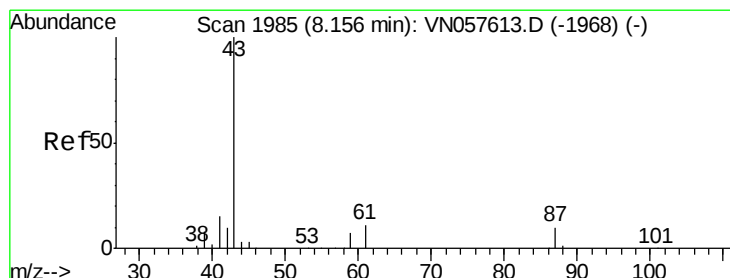
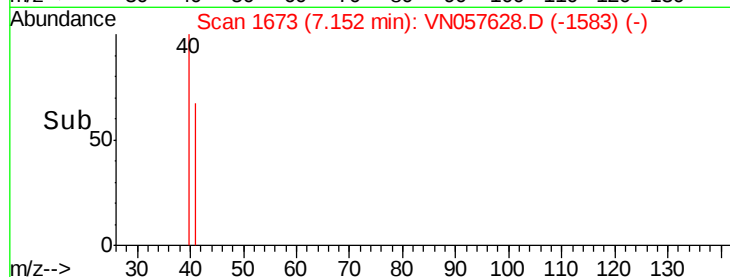
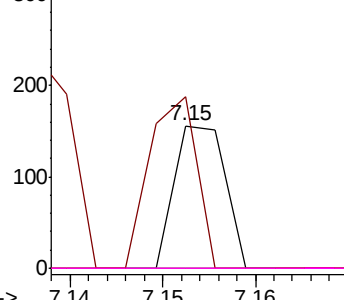


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#43

Isopropyl Acetate

Concen: 5.565 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057628.D

Acq: 31 Aug 2019 21:14

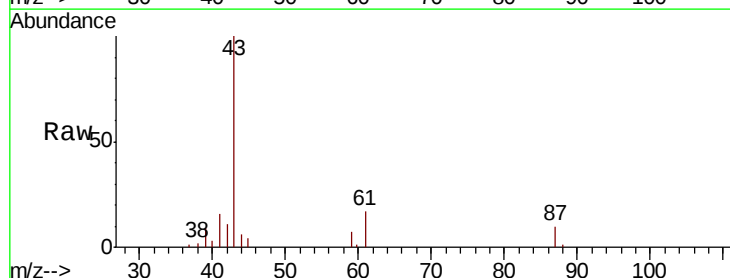
Tgt Ion: 43 Resp: 64643

Ion Ratio Lower Upper

43 100

61 16.9 13.1 19.7

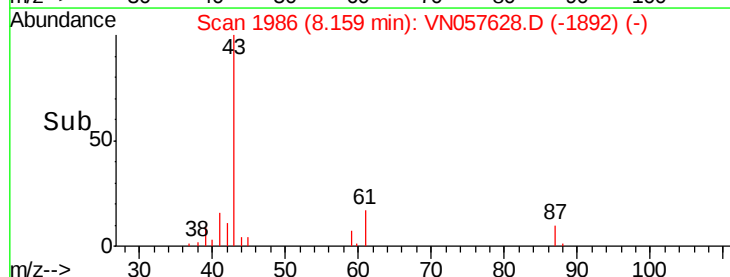
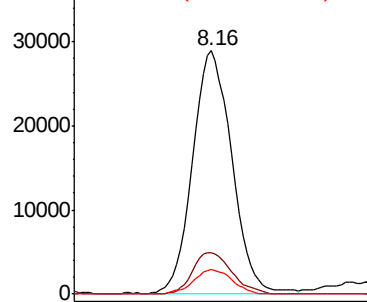
87 9.8 8.1 12.1

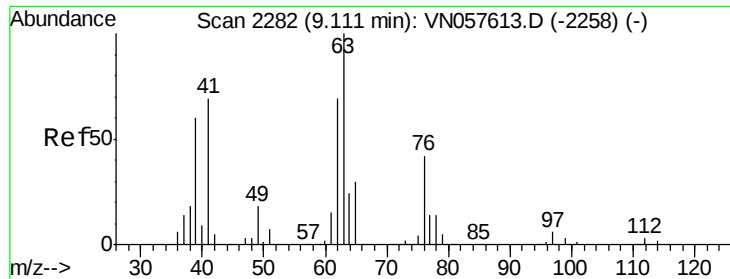


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

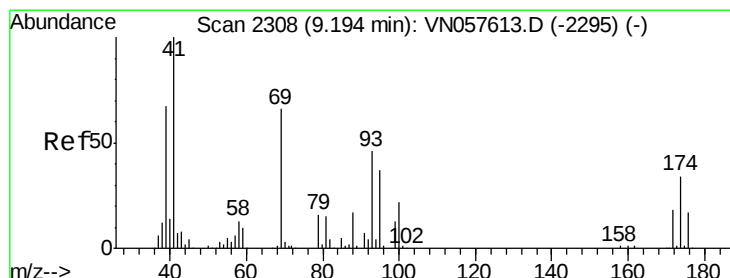
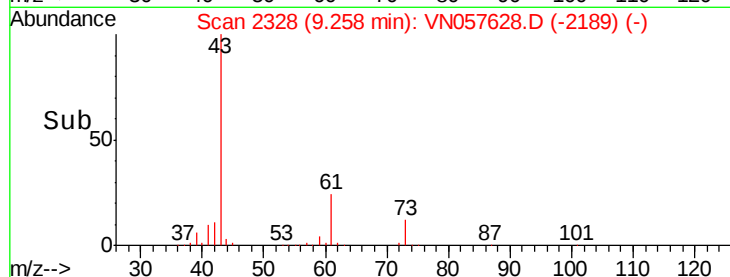
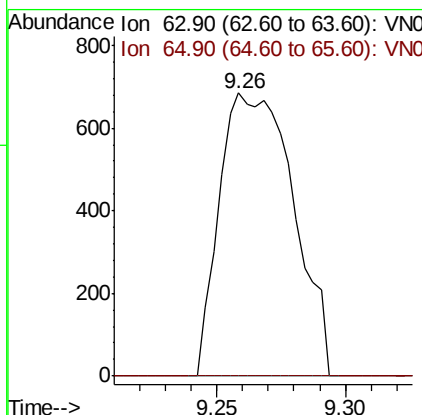
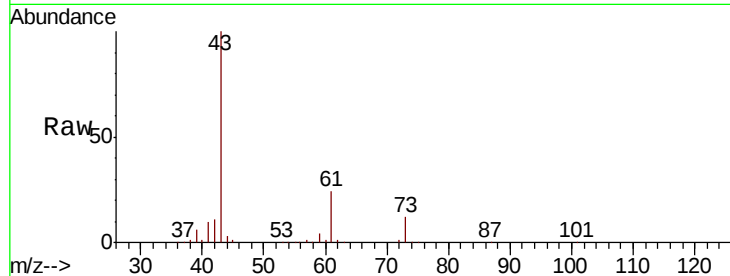




#45  
 1,2-Dichloropropane  
 Concen: 0.248 ug/l  
 RT: 9.26 min Scan# 2328  
 Delta R.T. 0.15 min  
 Lab File: VN057628.D  
 Acq: 31 Aug 2019 21:14

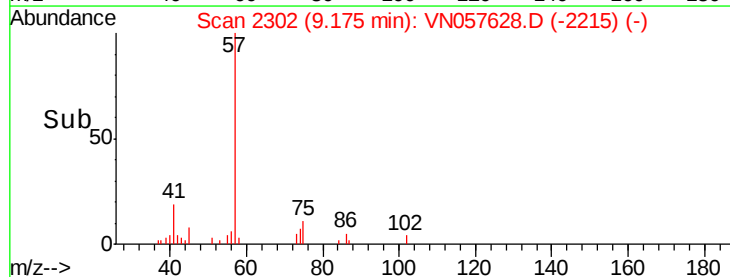
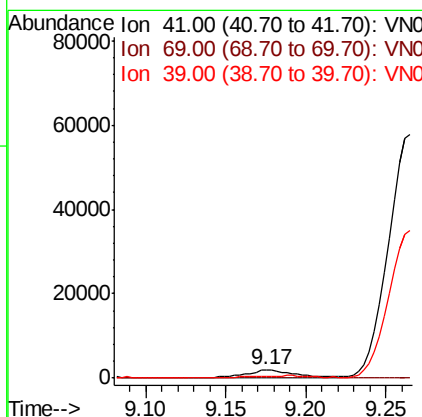
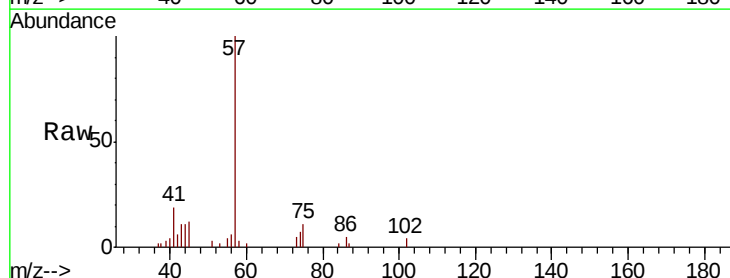
Instrument :  
 MSVOA\_N  
 ClientSampleId :

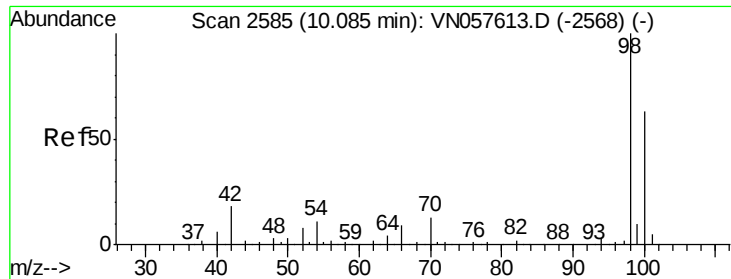
Tot Ion: 63 Resp: 1363  
 Ion Ratio Lower Upper  
 63 100  
 65 0.0 24.4 36.6#



#48  
 Methyl methacrylate  
 Concen: 0.728 ug/l  
 RT: 9.17 min Scan# 2302  
 Delta R.T. -0.02 min  
 Lab File: VN057628.D  
 Acq: 31 Aug 2019 21:14

Tgt Ion: 41 Resp: 4315  
 Ion Ratio Lower Upper  
 41 100  
 69 0.0 55.1 82.7#  
 39 0.0 55.4 83.2#





#50

Toluene-d8

Concen: 36.955 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057628.D

Acq: 31 Aug 2019 21:14

Instrument :

MSVOA\_N

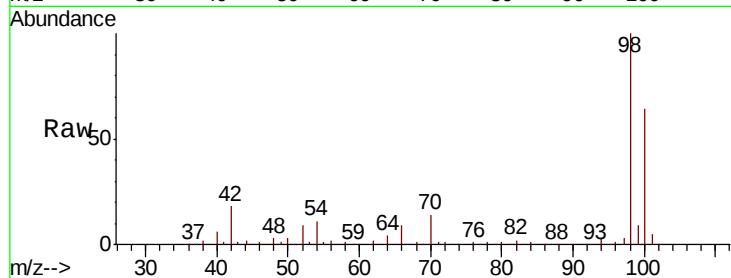
ClientSampled :

Tot Ion: 98 Resp: 633467

Ion Ratio Lower Upper

98 100

100 63.7 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN057613.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN057613.D (-2568) (-)

10.08

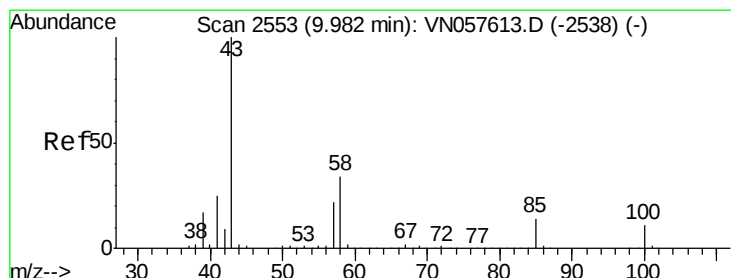
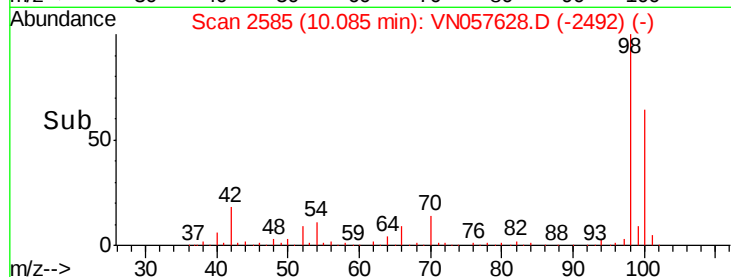
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.647 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN057628.D

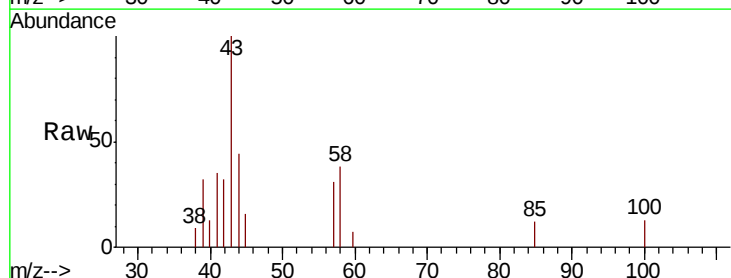
Acq: 31 Aug 2019 21:14

Tgt Ion: 43 Resp: 4306

Ion Ratio Lower Upper

43 100

58 37.5 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VN057613.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN057613.D (-2538) (-)

9.98

2500

2000

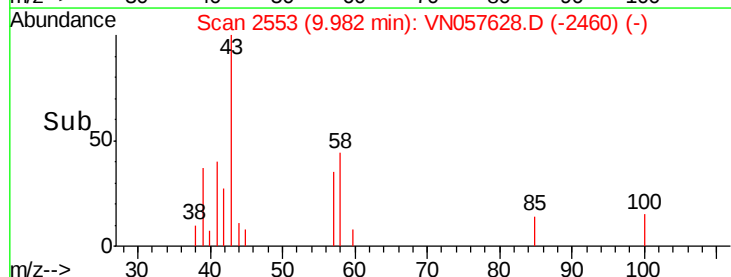
1500

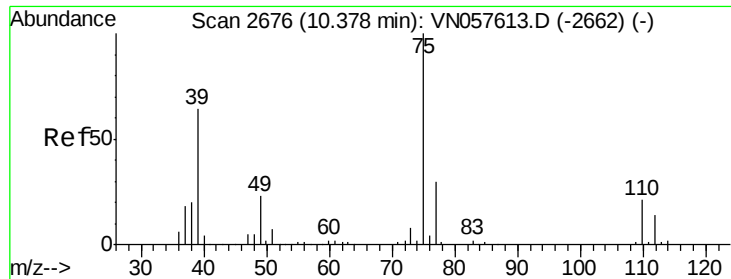
1000

500

0

Time-->

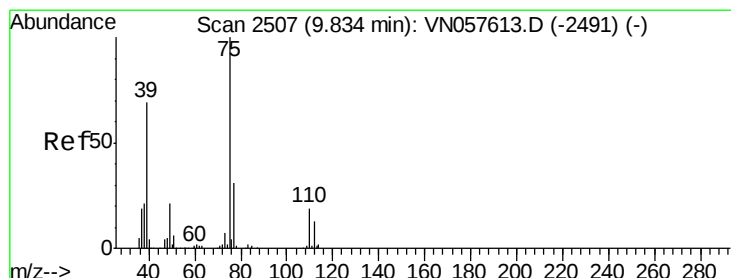
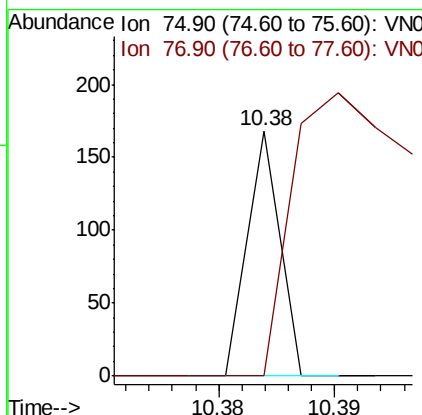
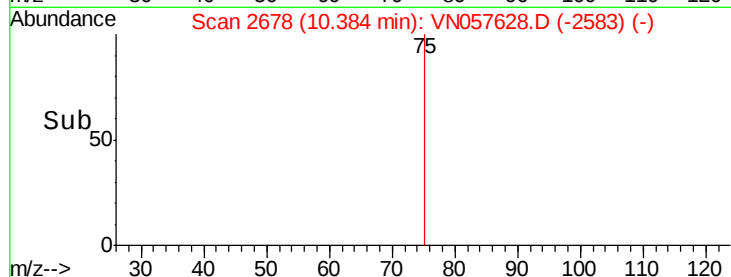
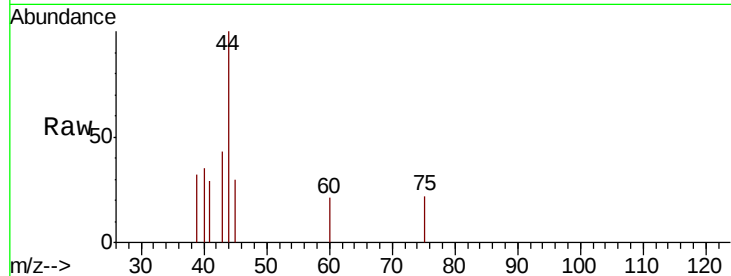




#53  
 t-1,3-Dichloropropene  
 Concen: 3.225 ug/l  
 RT: 10.38 min Scan# 2678  
 Delta R.T. 0.01 min  
 Lab File: VN057628.D  
 Acq: 31 Aug 2019 21:14

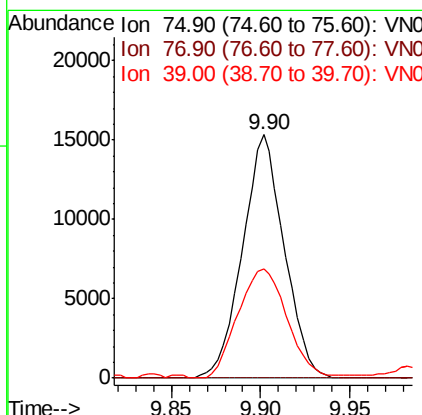
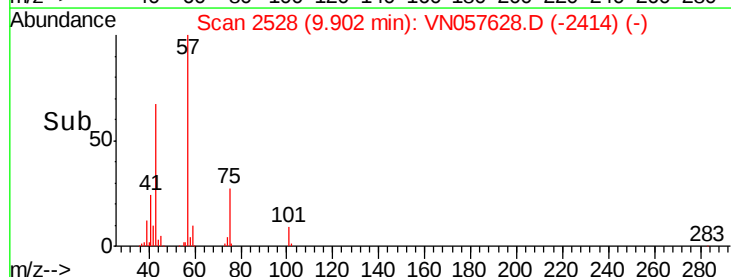
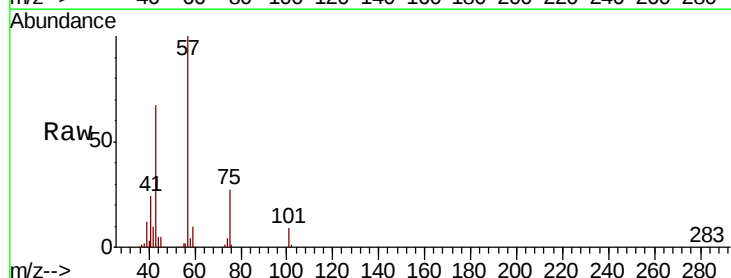
Instrument :  
 MSVOA\_N  
 ClientSampled :

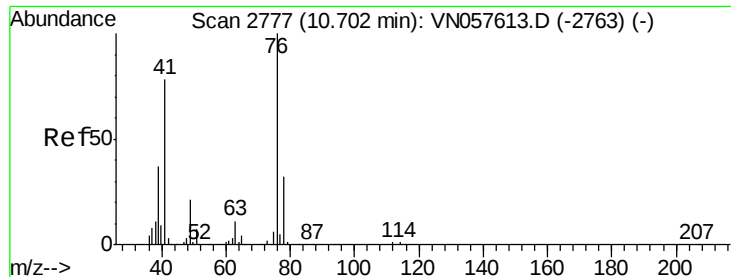
Tot Ion: 75 Resp: 32  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 24.1 36.1#



#54  
 cis-1,3-Dichloropropene  
 Concen: 4.656 ug/l  
 RT: 9.90 min Scan# 2528  
 Delta R.T. 0.07 min  
 Lab File: VN057628.D  
 Acq: 31 Aug 2019 21:14

Tgt Ion: 75 Resp: 25027  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 24.8 37.2#  
 39 44.9 55.0 82.4#

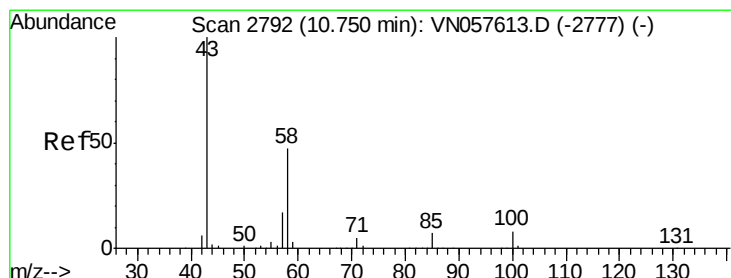
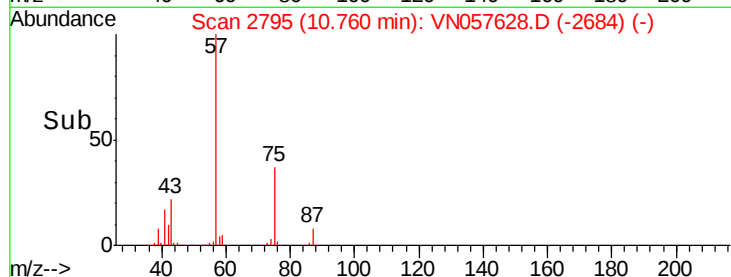
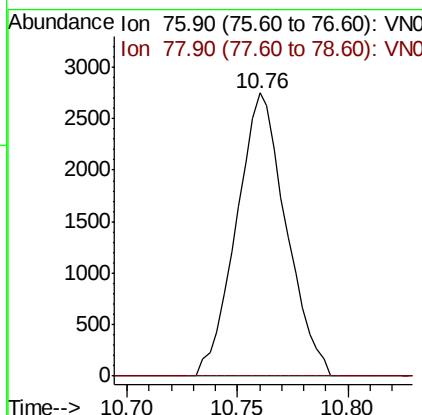
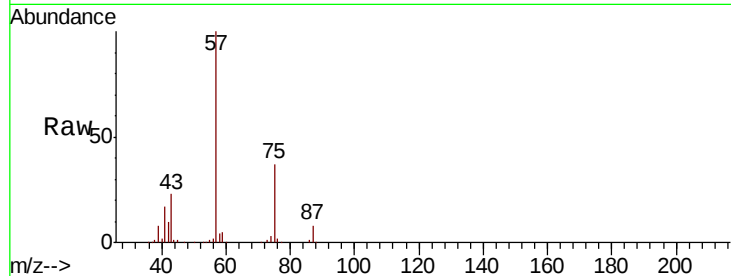




#57  
 1,3-Dichloropropane  
 Concen: 0.529 ug/l  
 RT: 10.76 min Scan# 2795  
 Delta R.T. 0.06 min  
 Lab File: VN057628.D  
 Acq: 31 Aug 2019 21:14

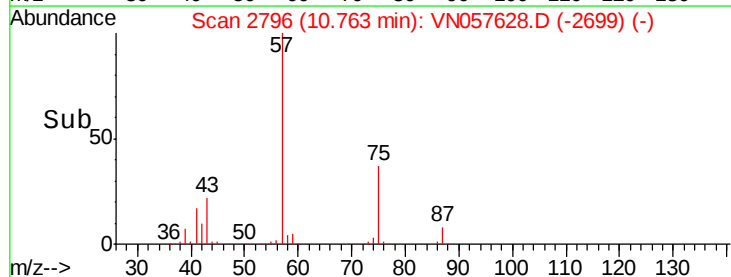
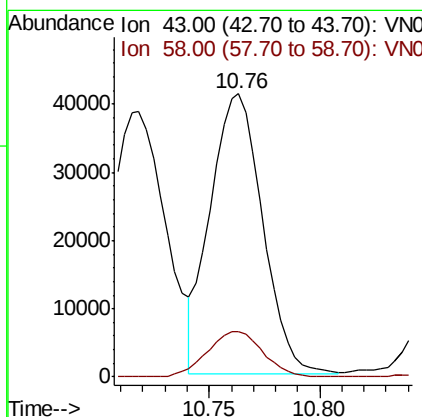
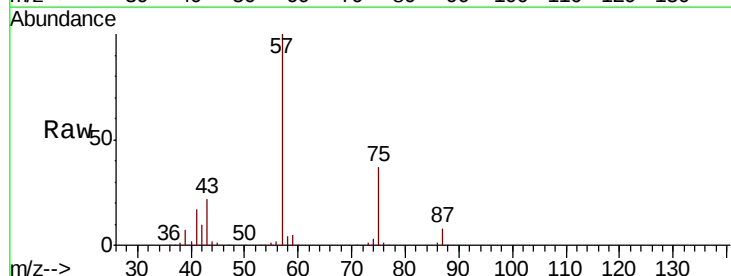
Instrument :  
 MSVOA\_N  
 ClientSampleId :

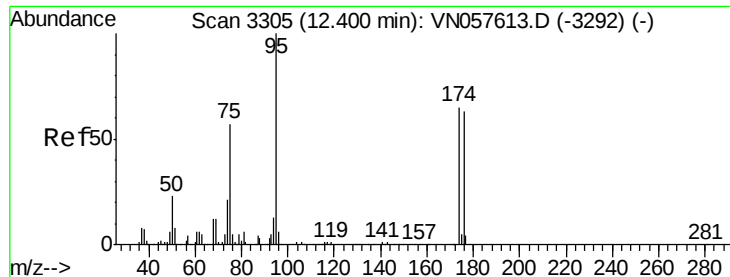
Tot Ion: 76 Resp: 4293  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 25.4 38.2#



#59  
 2-Hexanone  
 Concen: 13.855 ug/l  
 RT: 10.76 min Scan# 2796  
 Delta R.T. 0.01 min  
 Lab File: VN057628.D  
 Acq: 31 Aug 2019 21:14

Tgt Ion: 43 Resp: 67743  
 Ion Ratio Lower Upper  
 43 100  
 58 17.1 23.5 70.5#





#62

4-Bromofluorobenzene

Concen: 29.640 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057628.D

Acq: 31 Aug 2019 21:14

Instrument :

MSVOA\_N

ClientSampled :

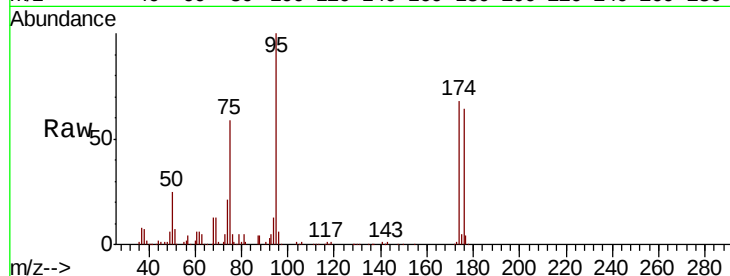
Tot Ion: 95 Resp: 193200

Ion Ratio Lower Upper

95 100

174 67.7 0.0 134.8

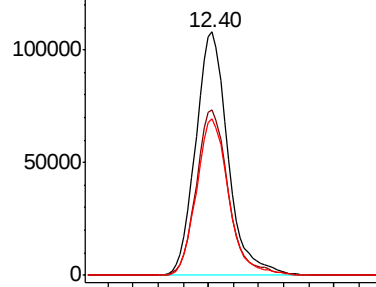
176 64.2 0.0 131.6



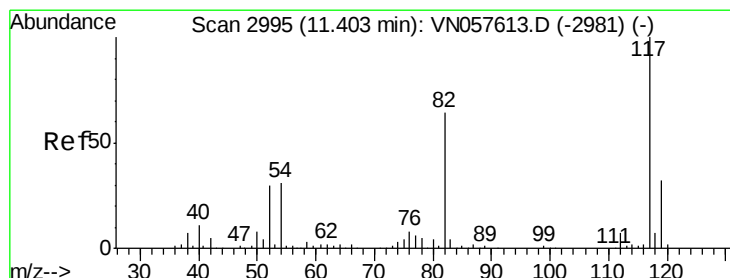
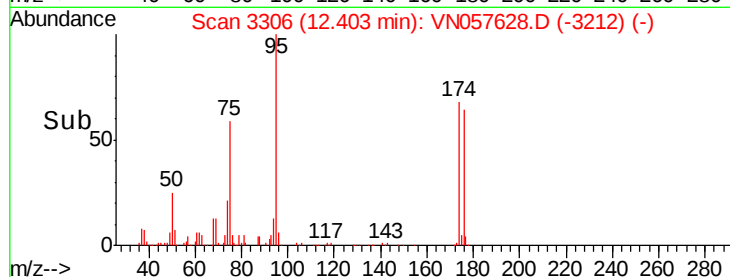
Abundance Ion 94.90 (94.60 to 95.60): VN057613.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN057613.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN057613.D (-3292) (-)



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN057628.D

Acq: 31 Aug 2019 21:14

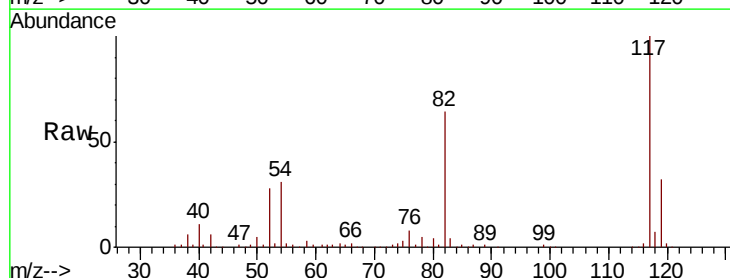
Tgt Ion: 117 Resp: 438949

Ion Ratio Lower Upper

117 100

82 63.7 51.6 77.4

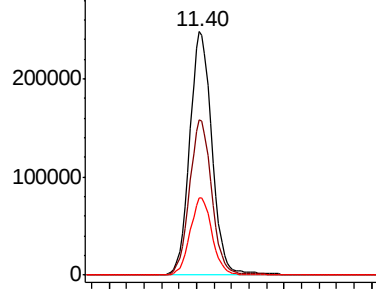
119 31.5 25.8 38.6



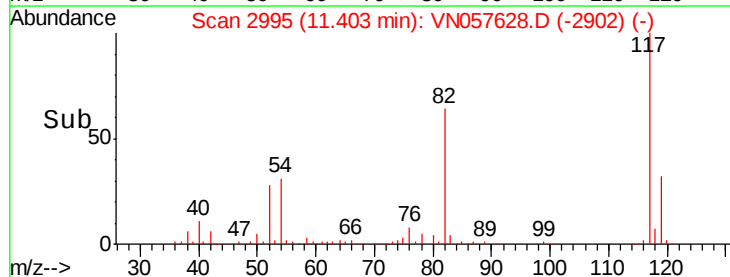
Abundance Ion 116.90 (116.60 to 117.60): VN057613.D (-2981) (-)

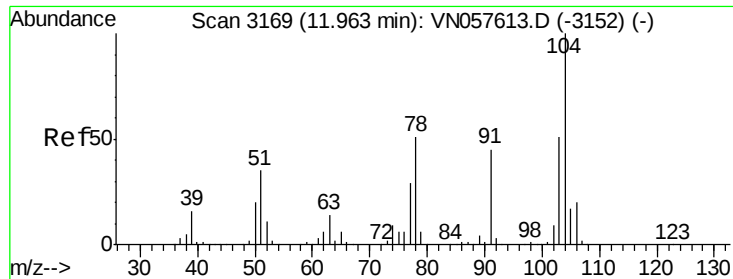
Ion 82.00 (81.70 to 82.70): VN057613.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057613.D (-2981) (-)



Time-->

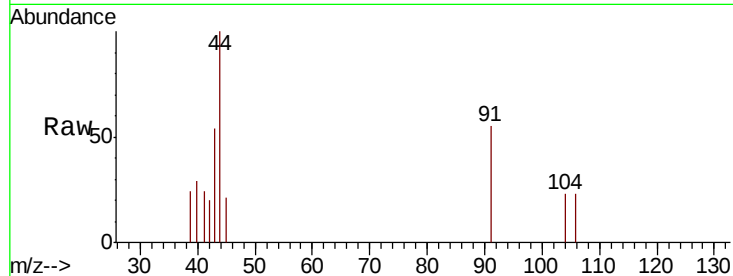




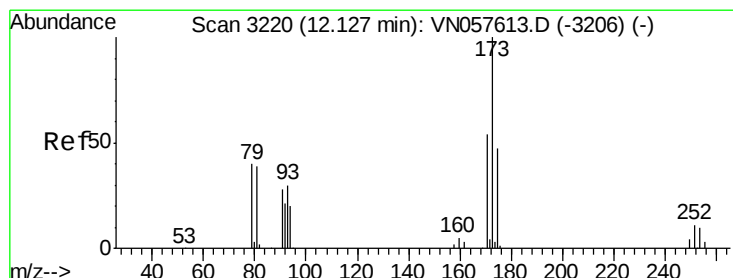
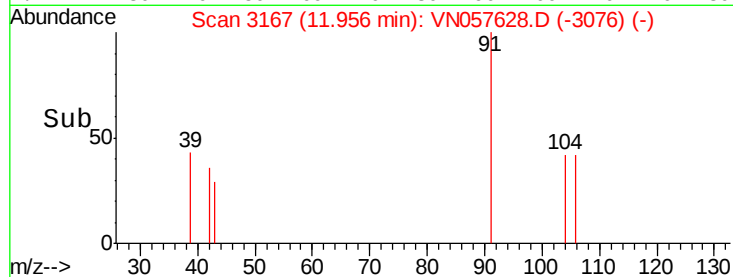
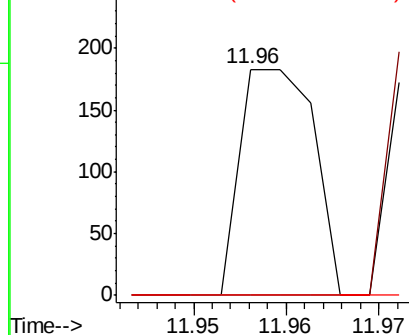
#70  
Stvrene  
Concen: 2.591 ug/l  
RT: 11.96 min Scan# 3167  
Delta R.T. -0.01 min  
Lab File: VN057628.D  
Acq: 31 Aug 2019 21:14

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:104 Resp: 101  
Ion Ratio Lower Upper  
104 100  
78 0.0 46.6 70.0#  
103 0.0 44.7 67.1#

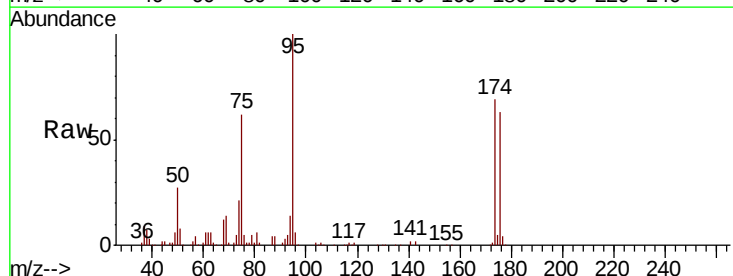


Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VN  
Ion 103.00 (102.70 to 103.70): V

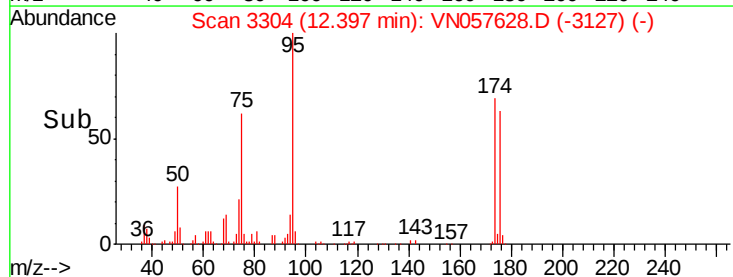
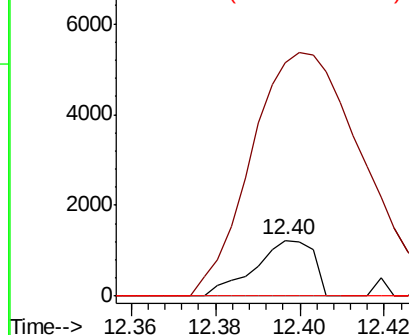


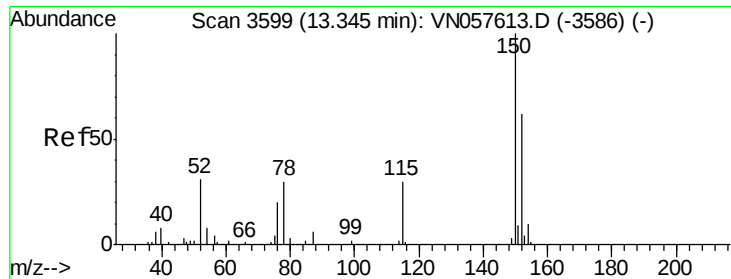
#71  
Bromoform  
Concen: 6.582 ug/l  
RT: 12.40 min Scan# 3304  
Delta R.T. 0.27 min  
Lab File: VN057628.D  
Acq: 31 Aug 2019 21:14

Tgt Ion:173 Resp: 1182  
Ion Ratio Lower Upper  
173 100  
175 692.9 24.4 73.4#  
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057628.D

Acq: 31 Aug 2019 21:14

Instrument :

MSVOA\_N

ClientSampleId :

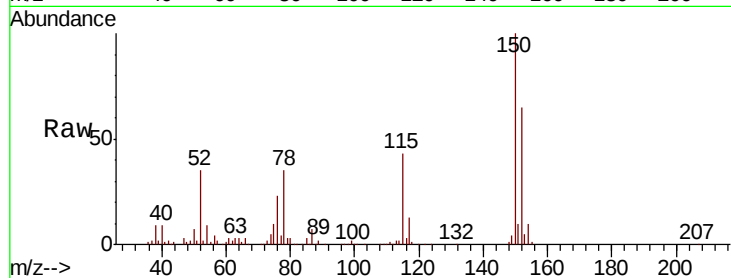
Tot Ion:152 Resp: 125411

Ion Ratio Lower Upper

152 100

115 66.0 33.2 99.6

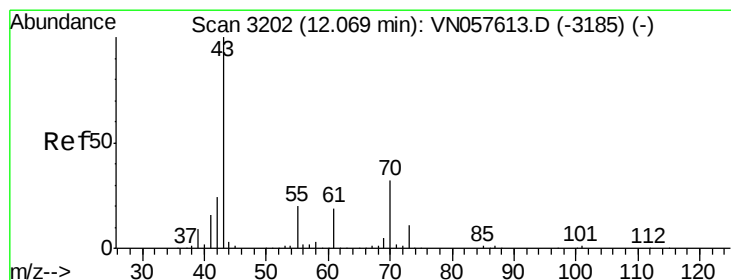
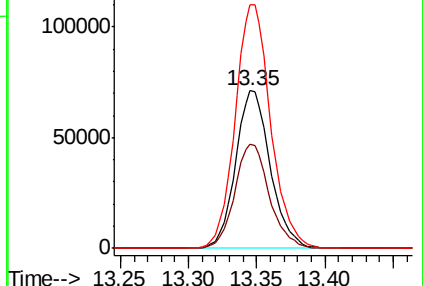
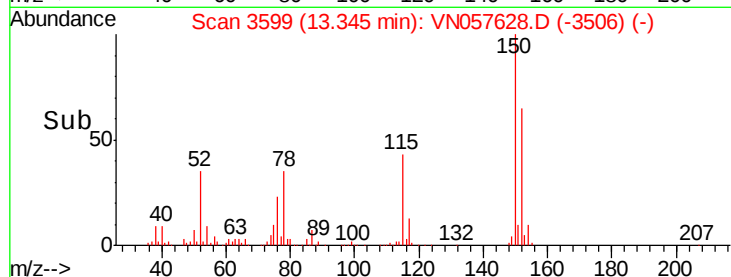
150 157.9 0.0 365.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.240 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057628.D

Acq: 31 Aug 2019 21:14

Tgt Ion: 43 Resp: 1432

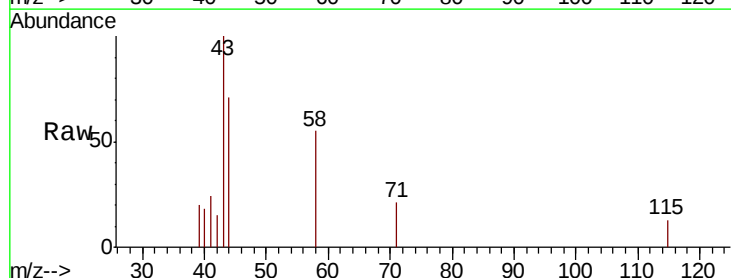
Ion Ratio Lower Upper

43 100

70 0.0 26.9 40.3#

55 10.7 16.8 25.2#

61 0.0 15.1 22.7#

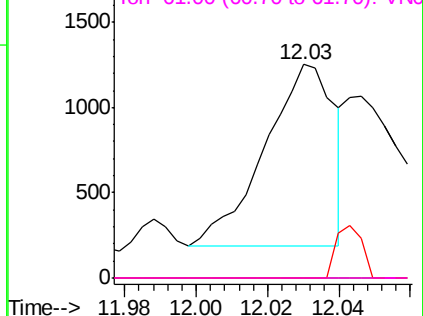
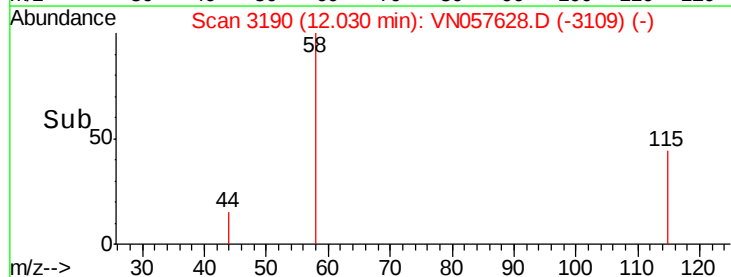


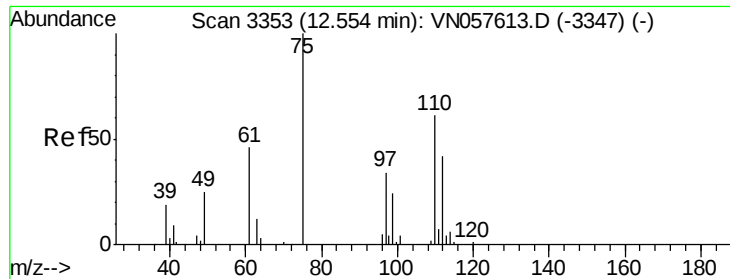
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

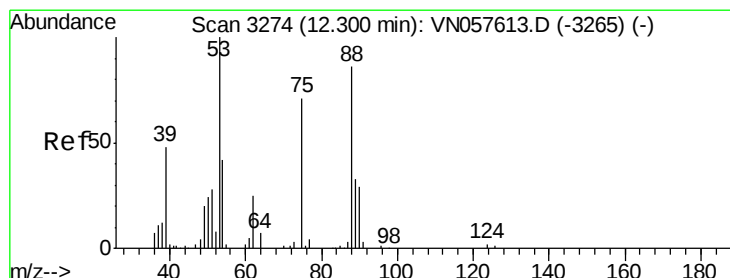
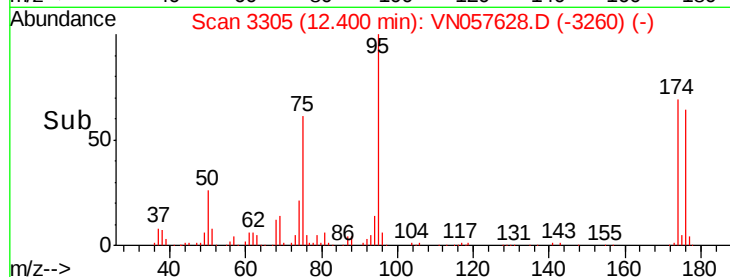
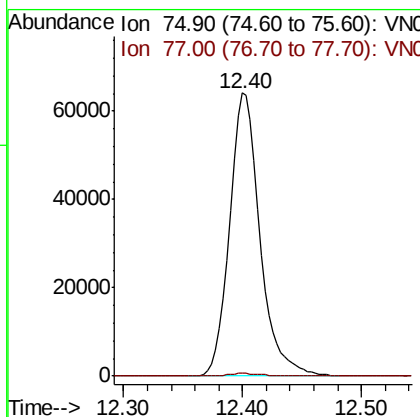
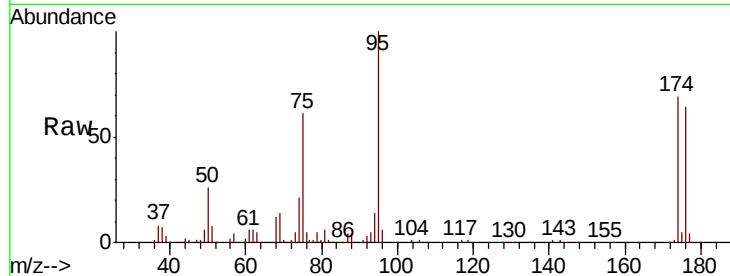




#76  
 1,2,3-Trichloropropane  
 Concen: 34.362 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.15 min  
 Lab File: VN057628.D  
 Acq: 31 Aug 2019 21:14

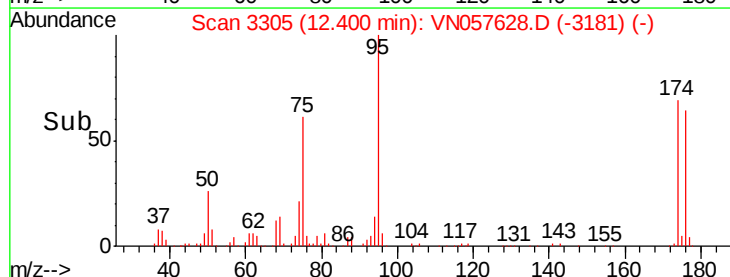
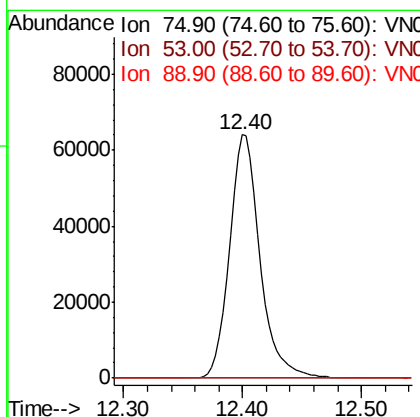
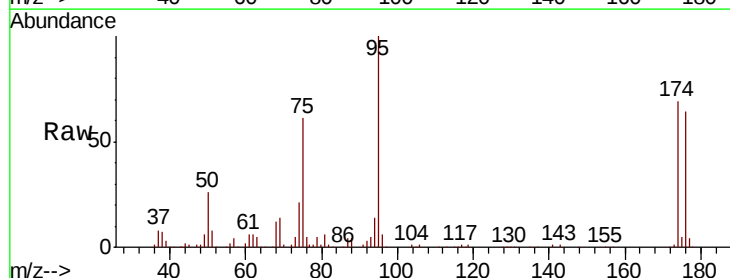
Instrument :  
 MSVOA\_N  
 ClientSampled :

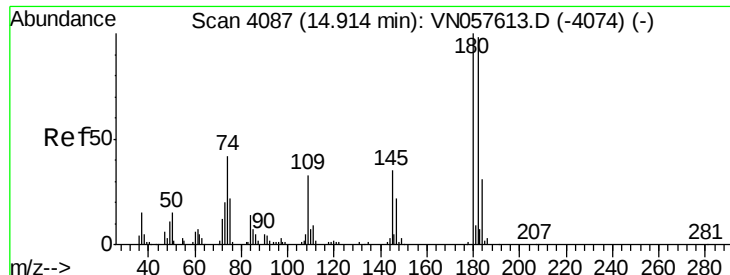
Tot Ion: 75 Resp: 113357  
 Ion Ratio Lower Upper  
 75 100  
 77 0.9 0.0 0.0#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 117.788 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. 0.10 min  
 Lab File: VN057628.D  
 Acq: 31 Aug 2019 21:14

Tgt Ion: 75 Resp: 113357  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 111.0 166.6#  
 89 0.0 38.3 57.5#

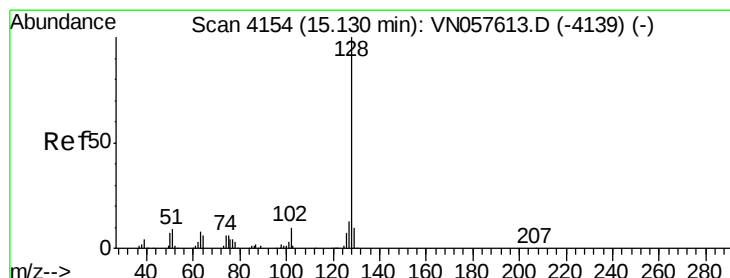
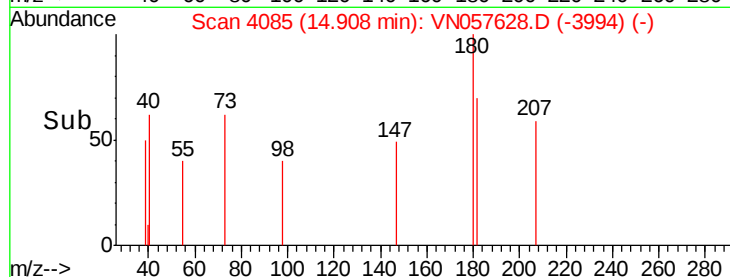
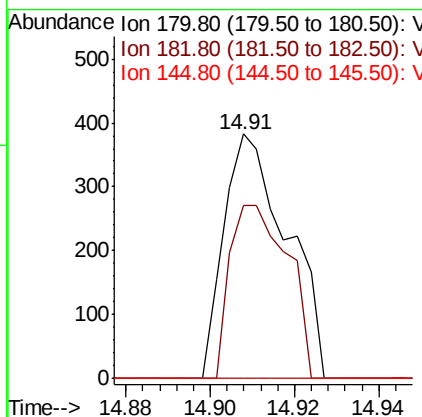
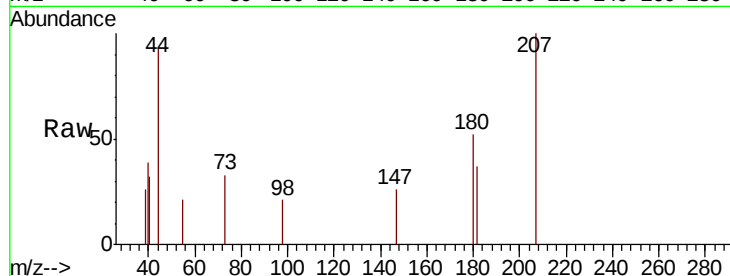




#93  
 1,2,4-Trichlorobenzene  
 Concen: 8.479 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. -0.01 min  
 Lab File: VN057628.D  
 Acq: 31 Aug 2019 21:14

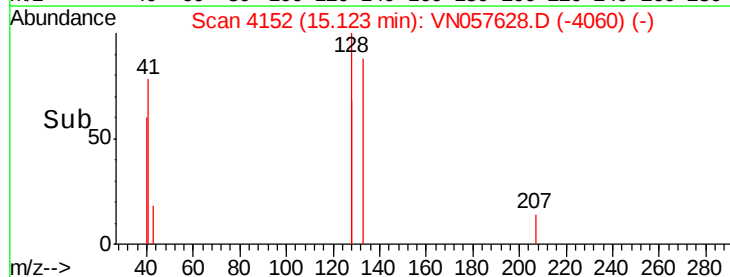
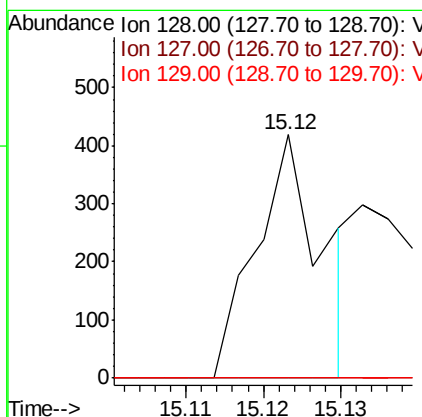
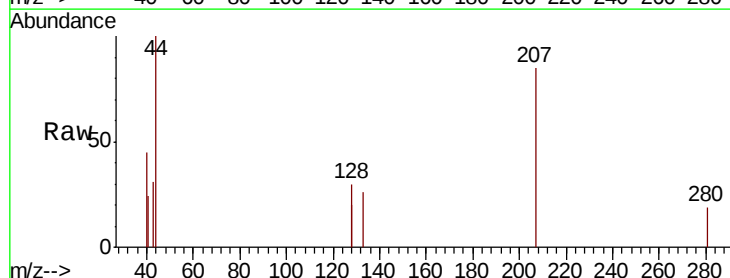
Instrument :  
 MSVOA\_N  
 ClientSampleId :

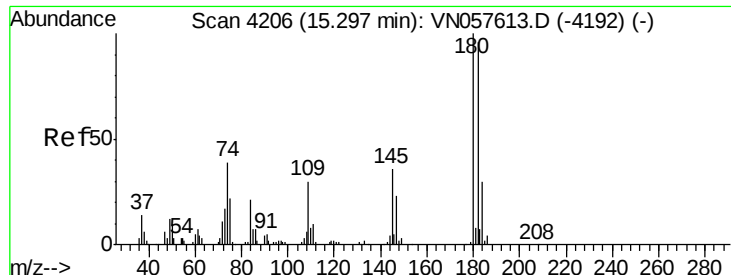
Tot Ion:180 Resp: 398  
 Ion Ratio Lower Upper  
 180 100  
 182 65.1 47.8 143.3  
 145 0.0 16.9 50.7#



#95  
 Naphthalene  
 Concen: 6.940 ug/l  
 RT: 15.12 min Scan# 4152  
 Delta R.T. -0.01 min  
 Lab File: VN057628.D  
 Acq: 31 Aug 2019 21:14

Tgt Ion:128 Resp: 248  
 Ion Ratio Lower Upper  
 128 100  
 127 0.0 10.2 15.2#  
 129 0.0 8.6 12.8#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 7.797 ug/l  
 RT: 15.30 min Scan# 4206  
 Delta R.T. 0.00 min  
 Lab File: VN057628.D  
 Acq: 31 Aug 2019 21:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 180     | 100   |       |        |
| 182     | 0.0   | 46.3  | 138.9# |
| 145     | 0.0   | 17.8  | 53.3#  |

