

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091519\  
 Data File : VN058086.D  
 Acq On : 15 Sep 2019 13:10  
 Operator : JC/SP  
 Sample : K4695-19  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 16 03:40:23 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

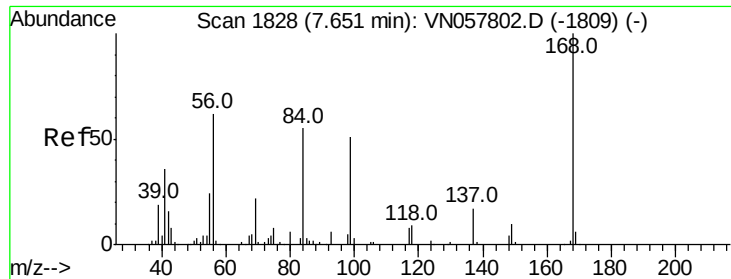
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 327330   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 543892   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 504715   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 267805   | 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   | 370150   | 55.83 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 111.66% |          |
| 35) Dibromofluoromethane    | 7.58  | 113  | 254399   | 50.68 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.36% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1015655  | 52.11 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.22% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 335785   | 45.21 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 90.42%  |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 5) Bromomethane                | 2.55  | 94   | 386      | Below Cal |        | 84     |
| 16) Acetone                    | 3.80  | 43   | 19638    | 9.036     | ug/l   | 99     |
| 18) Methyl Acetate             | 4.31  | 43   | 5837     | 1.007     | ug/l # | 56     |
| 20) Methylene Chloride         | 4.53  | 84   | 11802    | 1.662     | ug/l   | 96     |
| 25) 2-Butanone                 | 6.84  | 43   | 3276     | 1.041     | ug/l # | 89     |
| 29) Tetrahydrofuran            | 7.20  | 42   | 839      | 0.433     | ug/l # | 63     |
| 31) Cyclohexane                | 7.65  | 56   | 8463     | Below Cal | #      | 27     |
| 36) 1,1-Dichloropropene        | 7.65  | 75   | 29616    | 4.695     | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 7.65  | 117  | 33173    | 5.760     | ug/l # | 15     |
| 41) Methacrylonitrile          | 7.21  | 41   | 1090     | 0.368     | ug/l # | 24     |
| 43) Isopropyl Acetate          | 8.15  | 43   | 115982   | 10.583    | ug/l # | 86     |
| 45) 1,2-Dichloropropane        | 9.26  | 63   | 1575     | 0.285     | ug/l # | 44     |
| 48) Methyl methacrylate        | 9.17  | 41   | 7019     | 1.263     | ug/l # | 13     |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 6760     | 1.042     | ug/l # | 84     |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 47955    | 6.186     | ug/l # | 67     |
| 56) Ethyl methacrylate         | 10.54 | 69   | 2310     | 0.303     | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 6138     | 0.703     | ug/l # | 43     |
| 59) 2-Hexanone                 | 10.76 | 43   | 103119   | 21.213    | ug/l # | 53     |
| 71) Bromoform                  | 12.41 | 173  | 2693     | 0.942     | ug/l # | 1      |
| 74) N-amyl acetate             | 12.04 | 43   | 5639     | 0.624     | ug/l # | 48     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 188054   | 31.041    | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 188054   | 109.234   | ug/l # | 6      |
| 95) Naphthalene                | 15.14 | 128  | 1559     | Below Cal | #      | 76     |
| 96) 1,2,3-Trichlorobenzene     | 15.30 | 180  | 209      | 1.036     | ug/l # | 35     |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058086.D

Acq: 15 Sep 2019 13:10

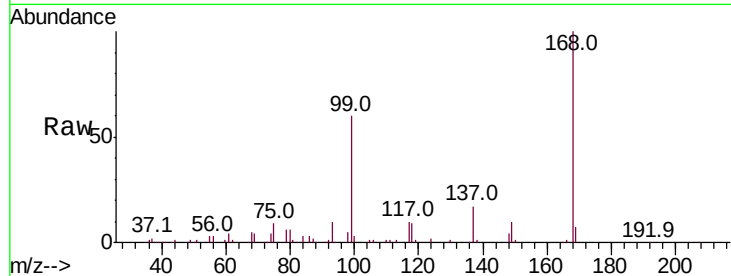
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 327330

Ion Ratio Lower Upper

168 100

99 60.1 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

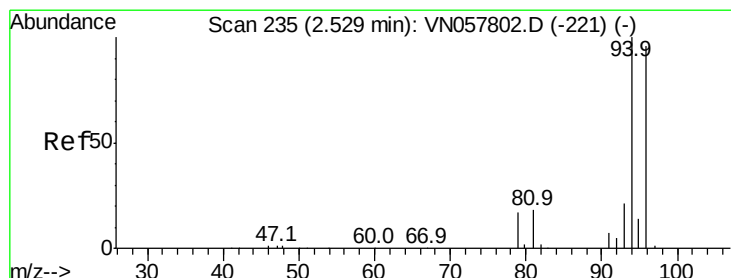
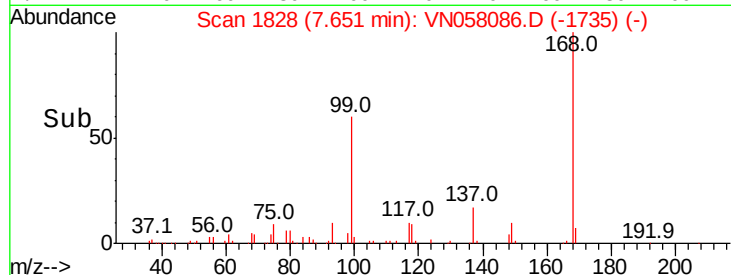
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 242

Delta R.T. 0.02 min

Lab File: VN058086.D

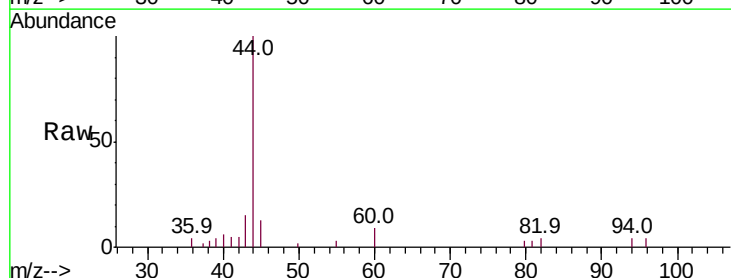
Acq: 15 Sep 2019 13:10

Tgt Ion: 94 Resp: 386

Ion Ratio Lower Upper

94 100

96 111.6 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.55

400

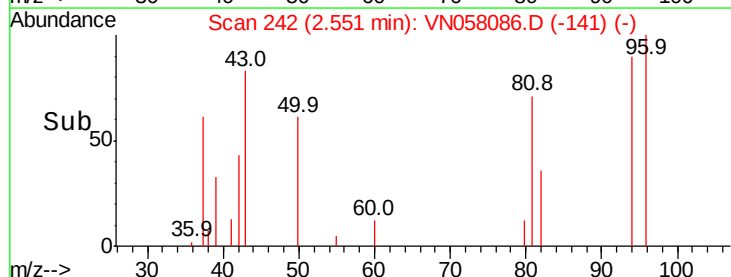
300

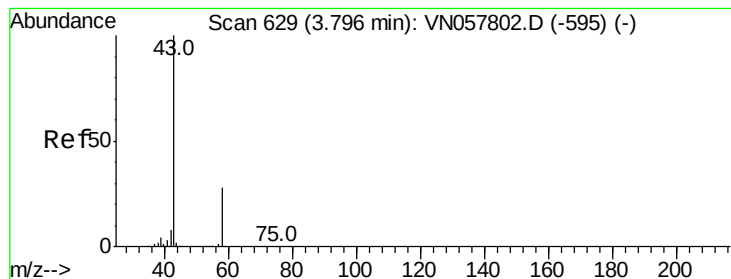
200

100

0

Time-->





#16

Acetone

Concen: 9.036 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058086.D

Acq: 15 Sep 2019 13:10

Instrument :

MSVOA\_N

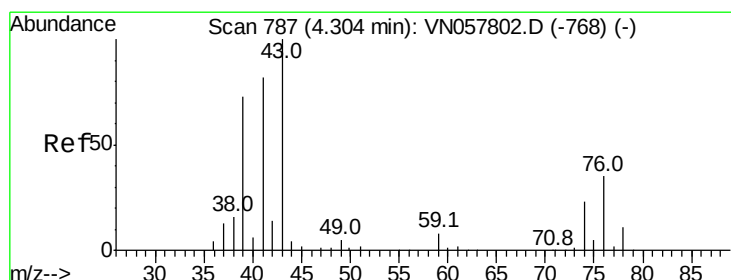
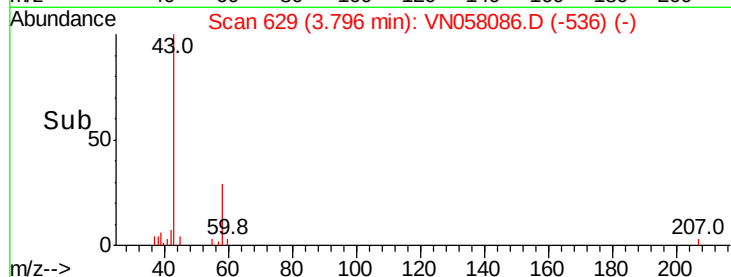
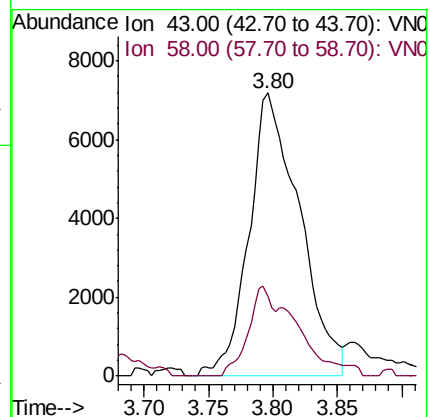
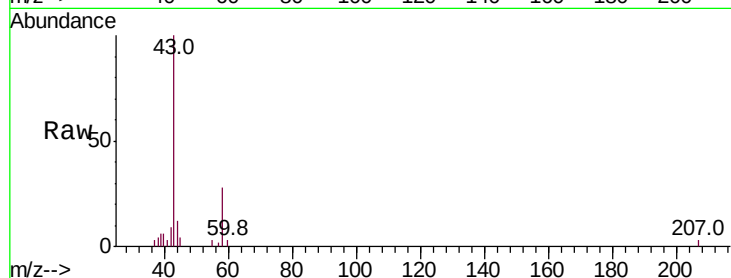
ClientSampleId :

Tot Ion: 43 Resp: 19638

Ion Ratio Lower Upper

43 100

58 28.1 22.2 33.2



#18

Methyl Acetate

Concen: 1.007 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN058086.D

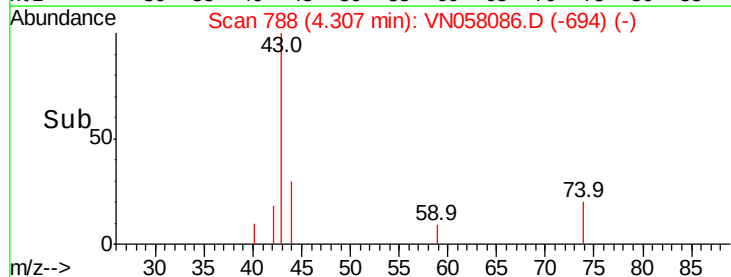
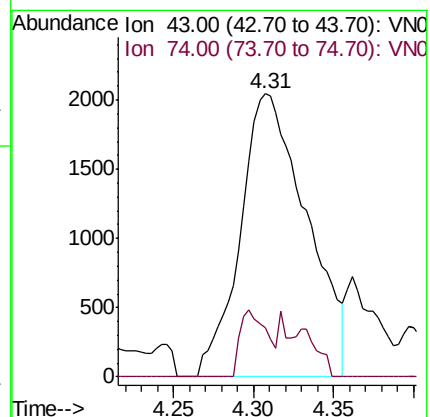
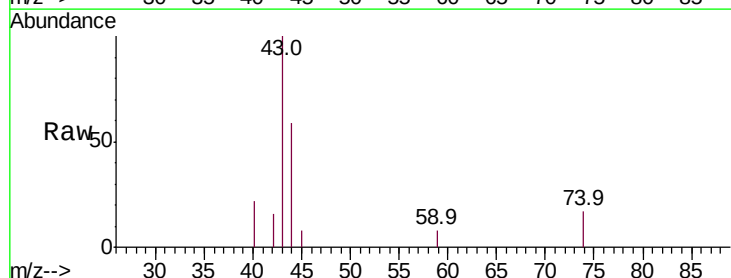
Acq: 15 Sep 2019 13:10

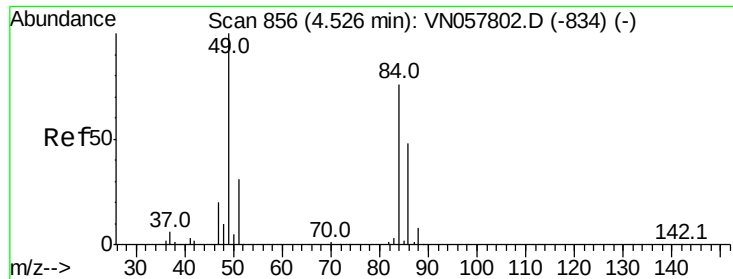
Tgt Ion: 43 Resp: 5837

Ion Ratio Lower Upper

43 100

74 1.3 17.9 26.9#

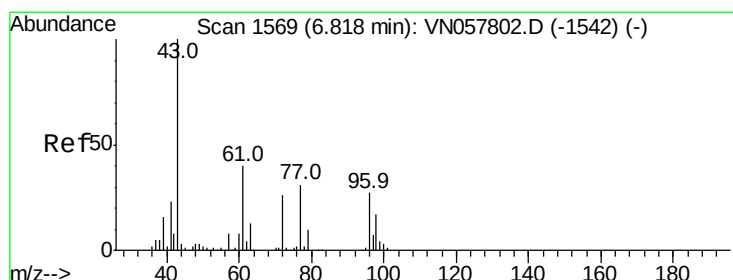
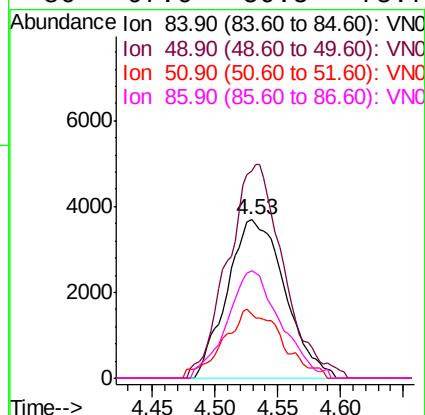
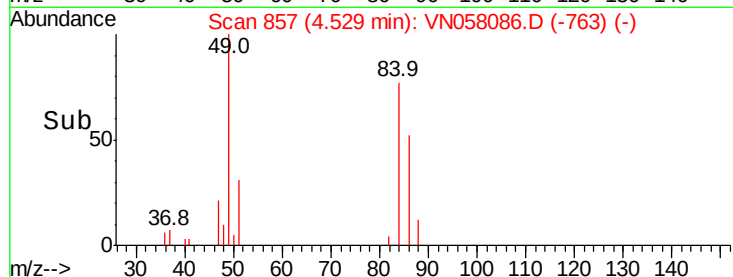
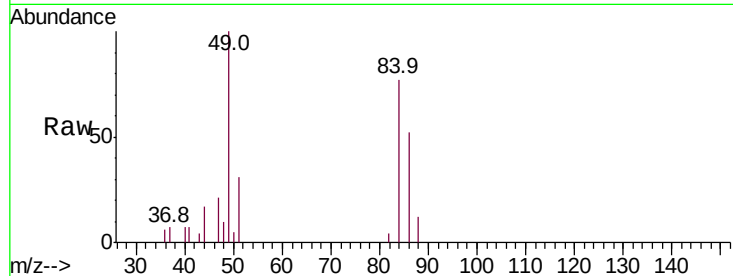




#20  
Methvlene Chloride  
Concen: 1.662 ug/l  
RT: 4.53 min Scan# 857  
Delta R.T. 0.00 min  
Lab File: VN058086.D  
Acq: 15 Sep 2019 13:10

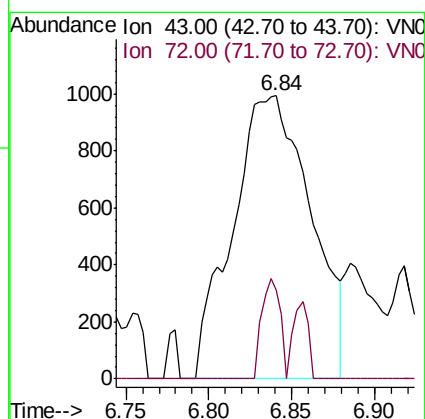
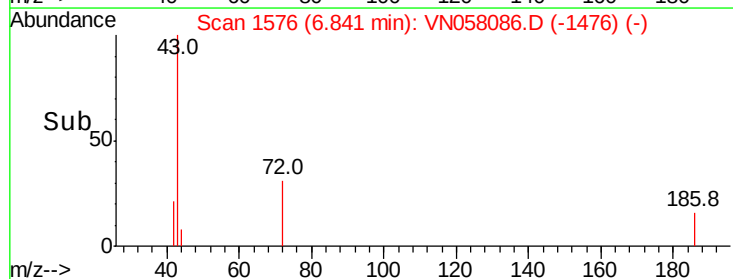
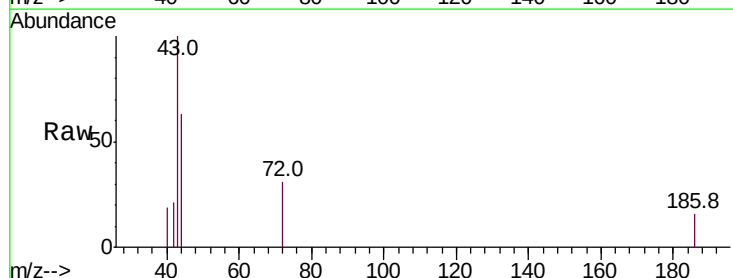
Instrument :  
MSVOA\_N  
ClientSampleId :

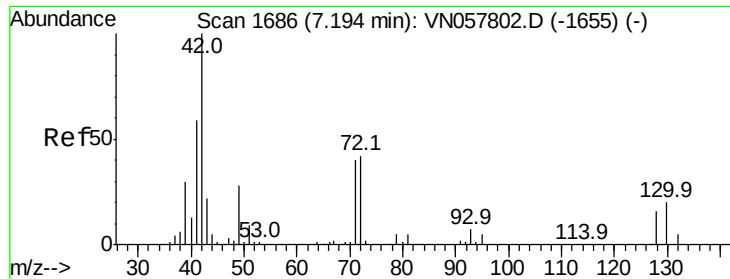
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 11802 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 125.5 | 104.8 | 157.2 |
| 51       | 40.2  | 33.0  | 49.4  |
| 86       | 67.6  | 50.5  | 75.7  |



#25  
2-Butanone  
Concen: 1.041 ug/l  
RT: 6.84 min Scan# 1576  
Delta R.T. 0.02 min  
Lab File: VN058086.D  
Acq: 15 Sep 2019 13:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 3276  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 31.4  | 20.6  | 30.8# |





#29

Tetrahydrofuran

Concen: 0.433 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VN058086.D

Acq: 15 Sep 2019 13:10

Instrument :

MSVOA\_N

ClientSampled :

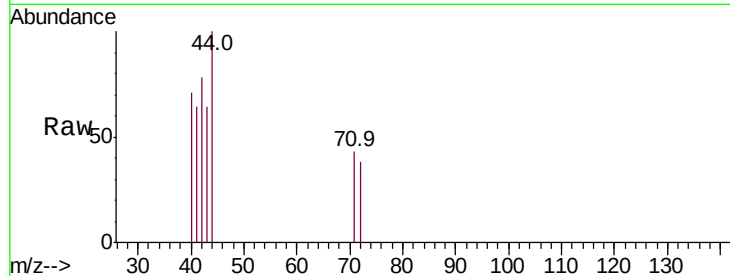
Tot Ion: 42 Resp: 839

Ion Ratio Lower Upper

42 100

72 17.2 33.7 50.5#

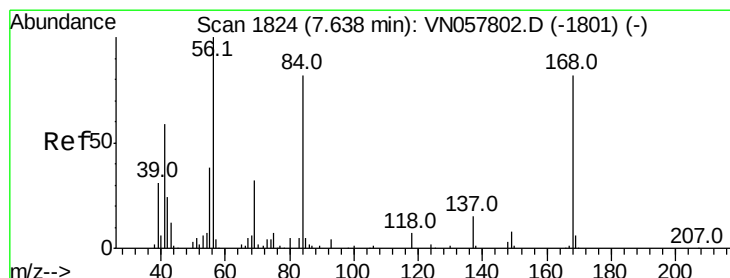
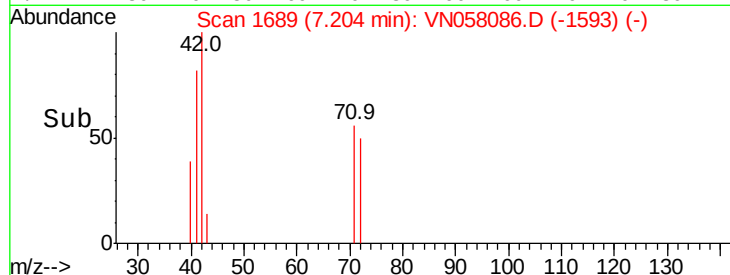
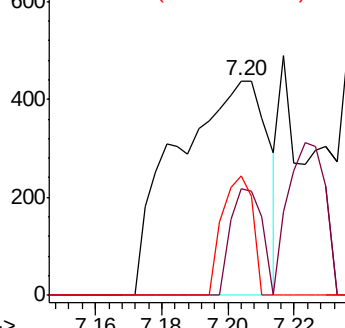
71 18.8 31.9 47.9#



Abundance Ion 42.00 (41.70 to 42.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

Ion 71.00 (70.70 to 71.70): VNO



#31

Cyclohexane

Concen: Below Cal

RT: 7.65 min Scan# 1829

Delta R.T. 0.02 min

Lab File: VN058086.D

Acq: 15 Sep 2019 13:10

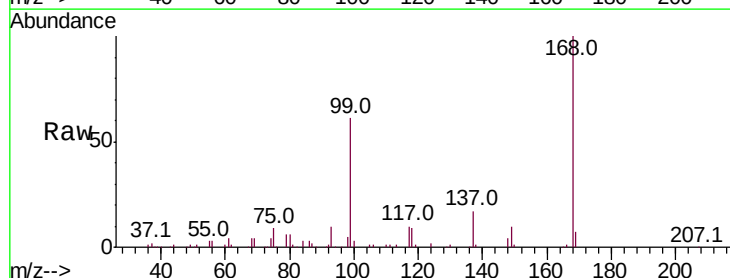
Tgt Ion: 56 Resp: 8463

Ion Ratio Lower Upper

56 100

69 143.6 25.9 38.9#

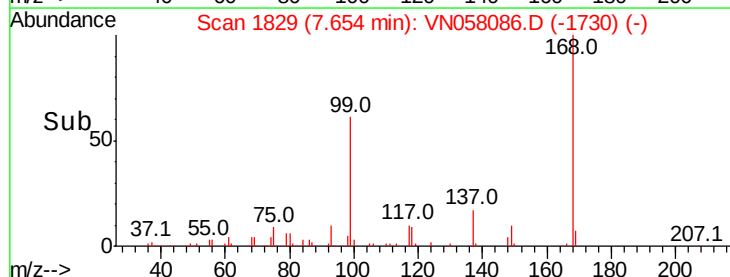
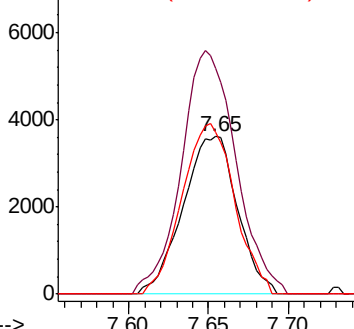
84 103.0 65.6 98.4#

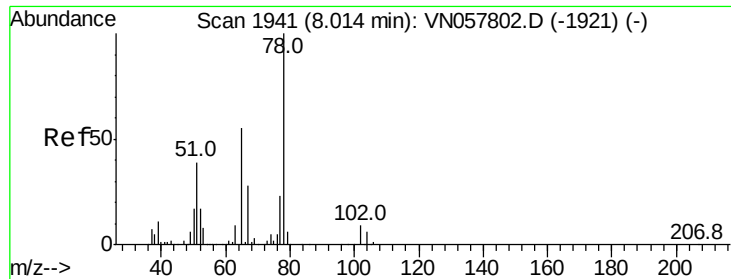


Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

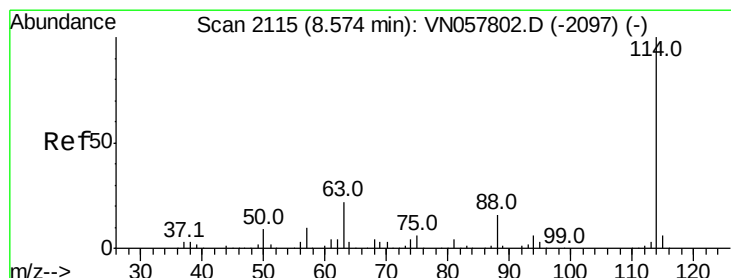
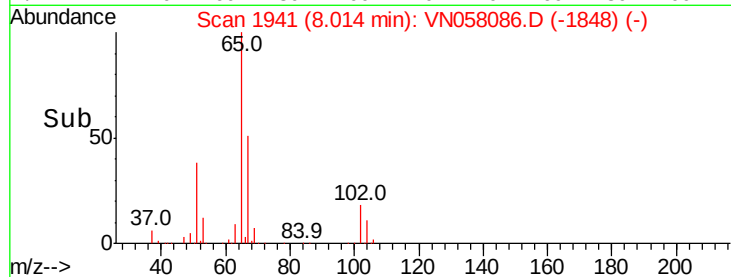
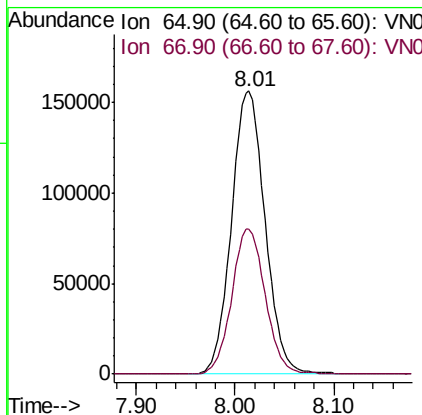
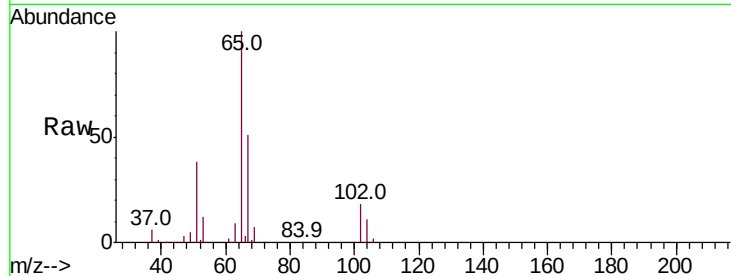




#33  
 1,2-Dichloroethane-d4  
 Concen: 55.831 ug/l  
 RT: 8.01 min Scan# 1941  
 Delta R.T. 0.00 min  
 Lab File: VN058086.D  
 Acq: 15 Sep 2019 13:10

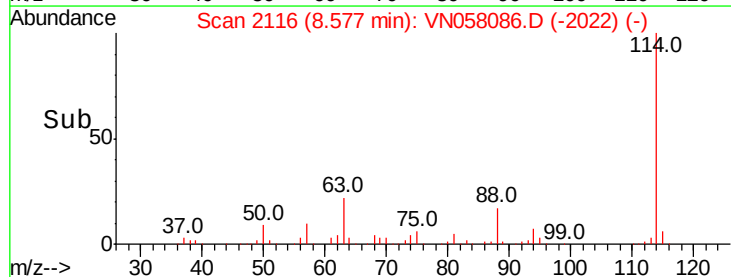
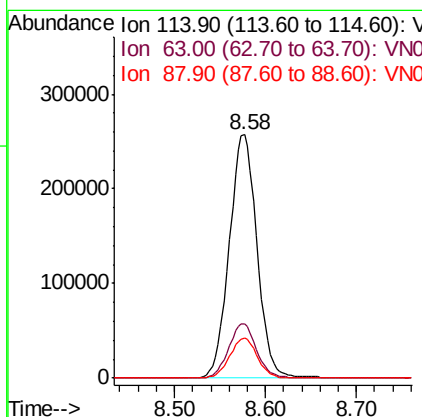
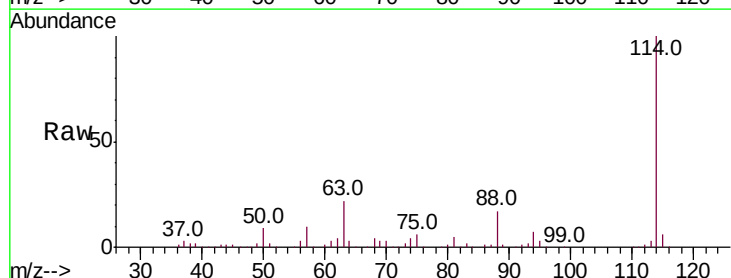
Instrument :  
 MSVOA\_N  
 ClientSampleId :

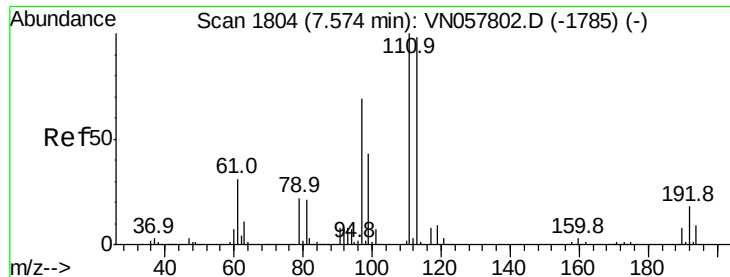
Tot Ion: 65 Resp: 370150  
 Ion Ratio Lower Upper  
 65 100  
 67 51.1 0.0 104.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2116  
 Delta R.T. 0.00 min  
 Lab File: VN058086.D  
 Acq: 15 Sep 2019 13:10

Tgt Ion: 114 Resp: 543892  
 Ion Ratio Lower Upper  
 114 100  
 63 22.1 0.0 44.0  
 88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.678 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058086.D

Acq: 15 Sep 2019 13:10

Instrument :  
MSVOA\_N  
ClientSampled :

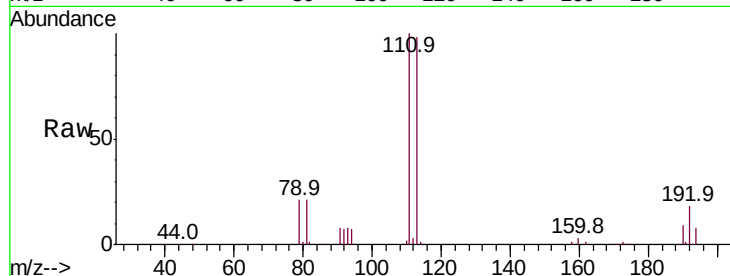
Tot Ion:113 Resp: 254399

Ion Ratio Lower Upper

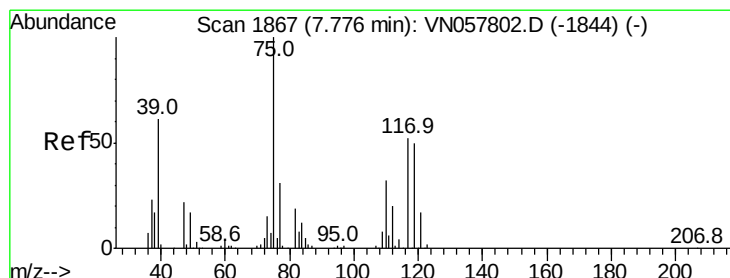
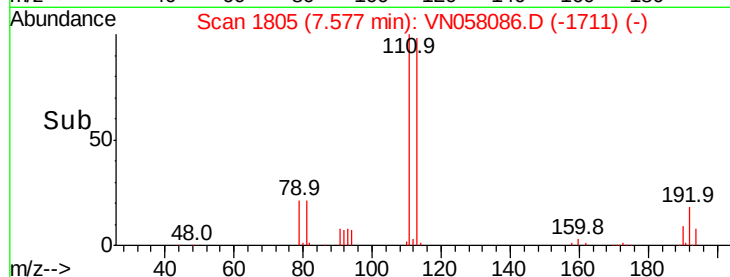
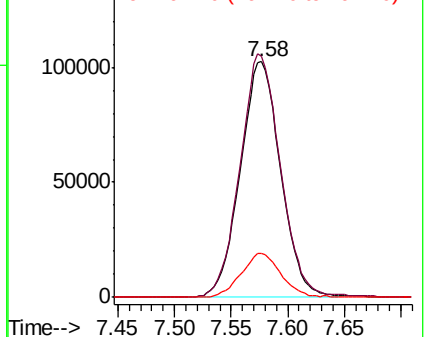
113 100

111 103.9 81.3 121.9

192 18.3 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: 4.695 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.13 min

Lab File: VN058086.D

Acq: 15 Sep 2019 13:10

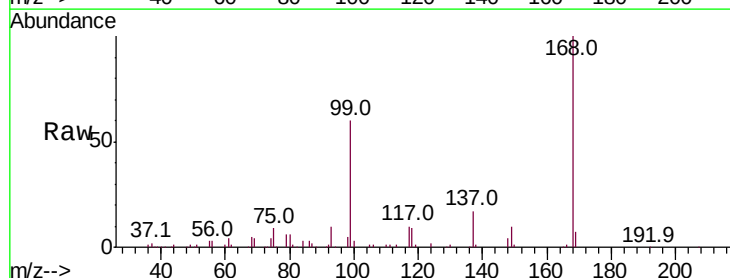
Tgt Ion: 75 Resp: 29616

Ion Ratio Lower Upper

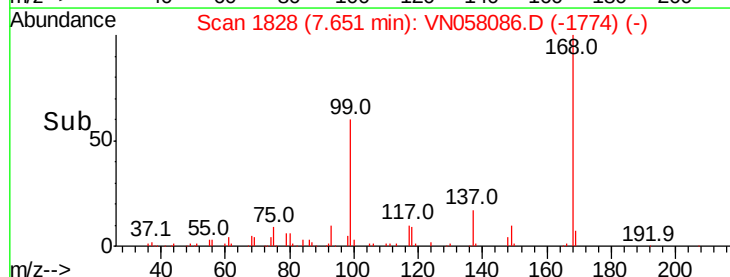
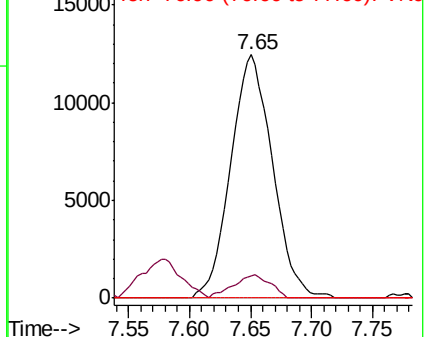
75 100

110 8.5 16.3 48.9#

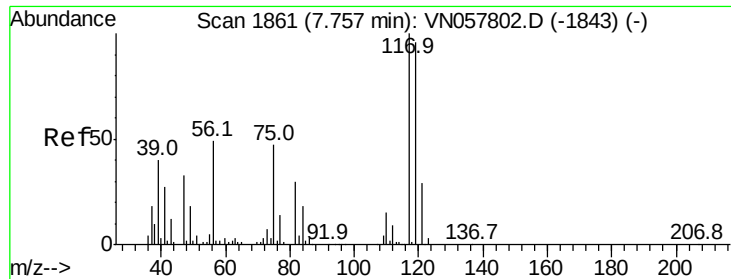
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): V  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.90 (76.60 to 77.60): V







#38

Carbon Tetrachloride

Concen: 5.760 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN058086.D

Acq: 15 Sep 2019 13:10

Instrument :

MSVOA\_N

ClientSampleId :

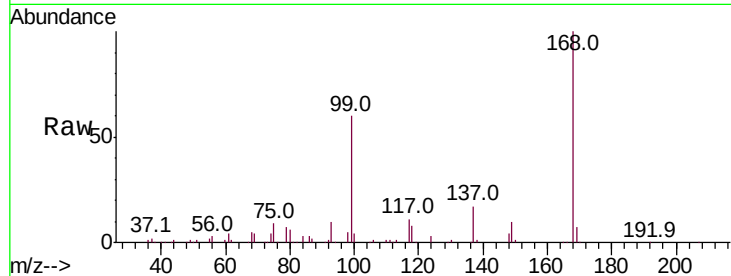
Tot Ion:117 Resp: 33173

Ion Ratio Lower Upper

117 100

119 4.4 76.9 115.3#

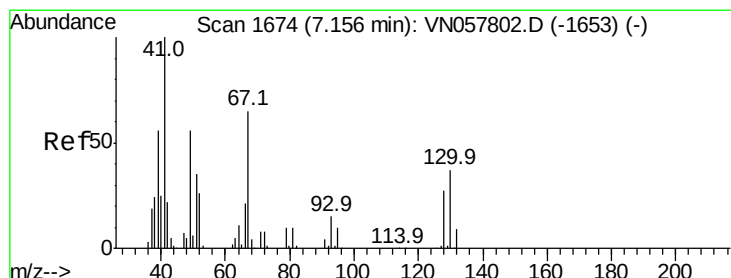
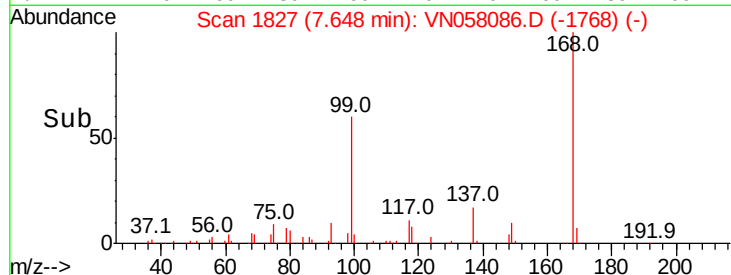
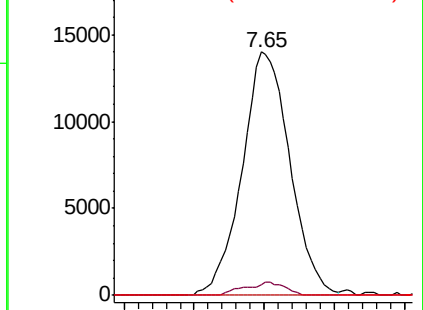
121 0.0 23.4 35.2#



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



#41

Methacrylonitrile

Concen: 0.368 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. 0.05 min

Lab File: VN058086.D

Acq: 15 Sep 2019 13:10

Tgt Ion: 41 Resp: 1090

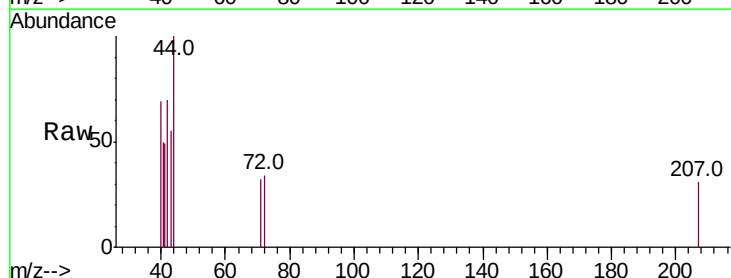
Ion Ratio Lower Upper

41 100

39 19.1 51.0 76.6#

67 0.0 70.7 106.1#

52 0.0 30.8 46.2#

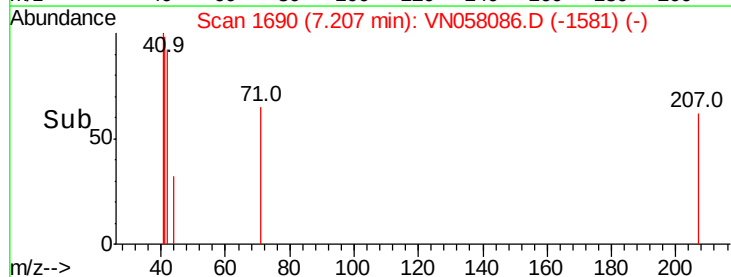
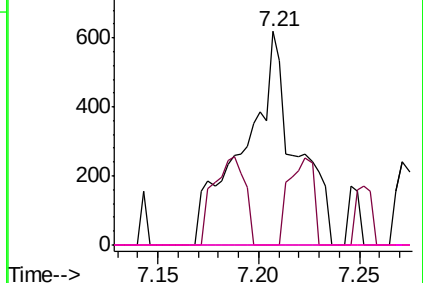


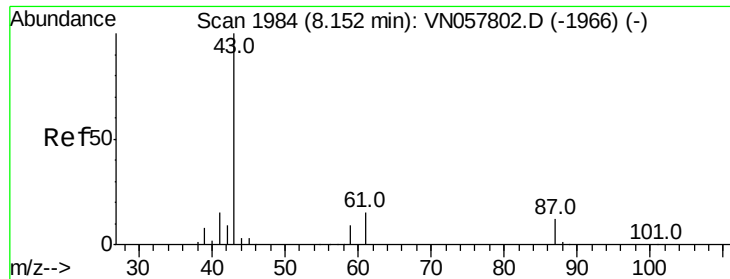
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 10.583 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058086.D

Acq: 15 Sep 2019 13:10

Instrument :

MSVOA\_N

ClientSampled :

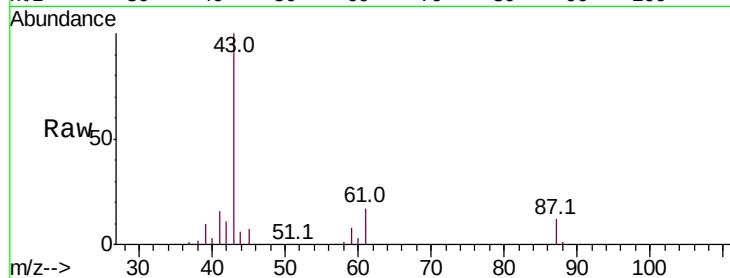
Tot Ion: 43 Resp: 115982

Ion Ratio Lower Upper

43 100

61 15.6 20.1 30.1#

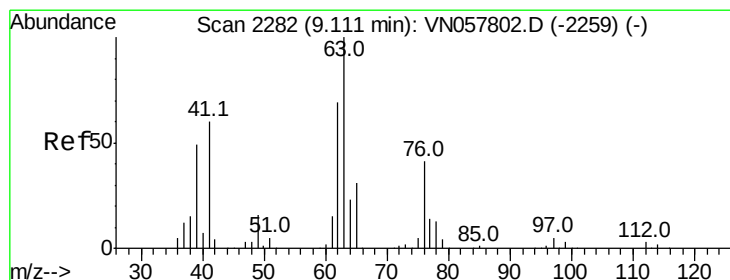
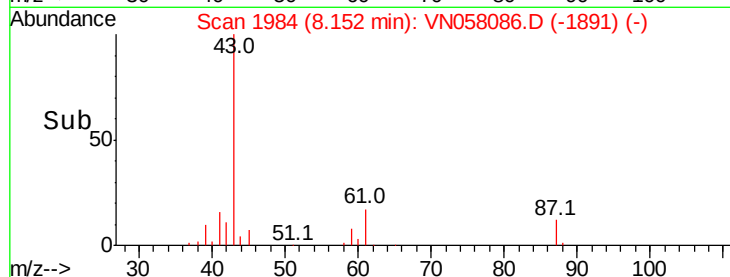
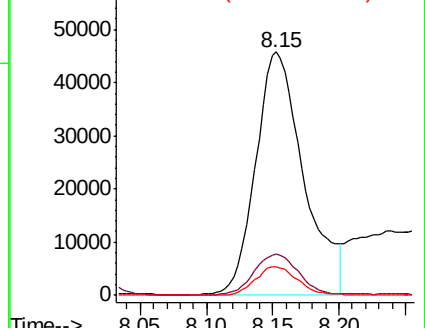
87 10.3 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO



#45

1,2-Dichloropropane

Concen: 0.285 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN058086.D

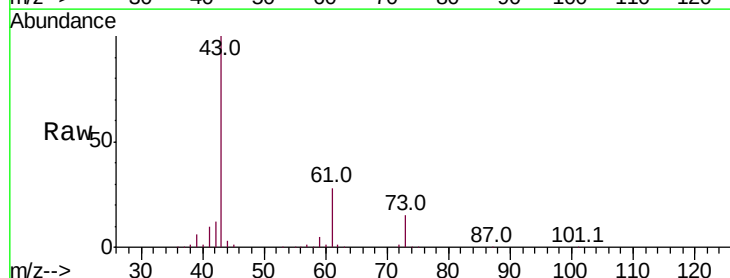
Acq: 15 Sep 2019 13:10

Tgt Ion: 63 Resp: 1575

Ion Ratio Lower Upper

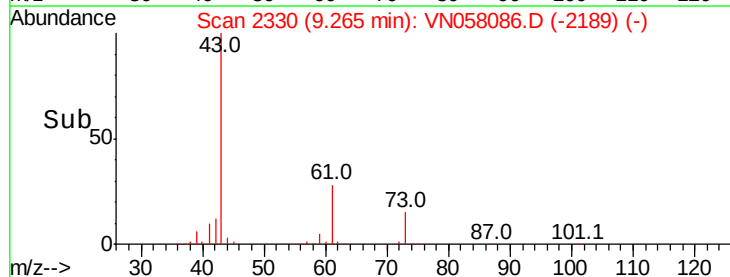
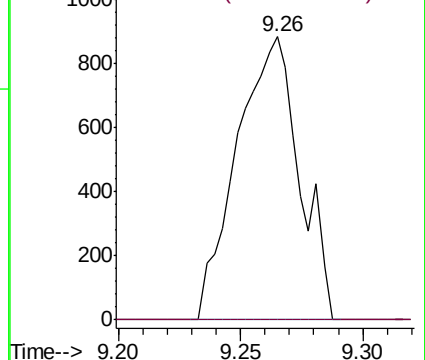
63 100

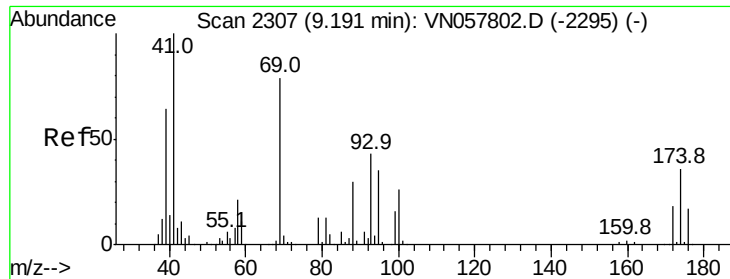
65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO

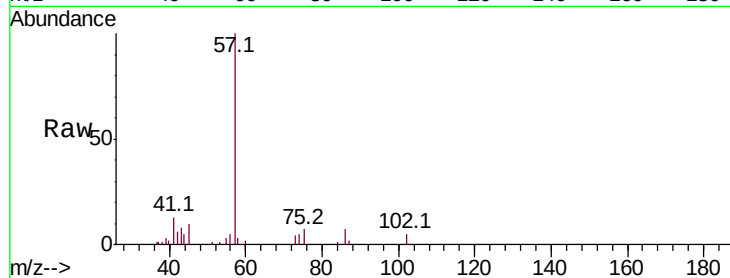




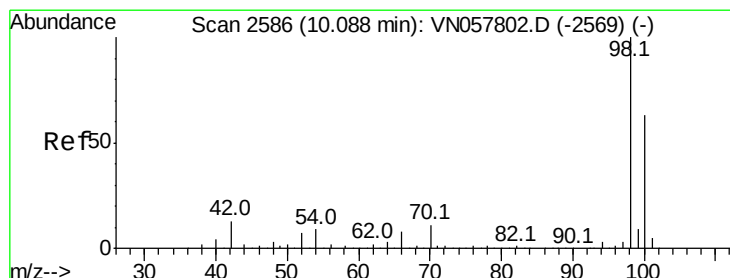
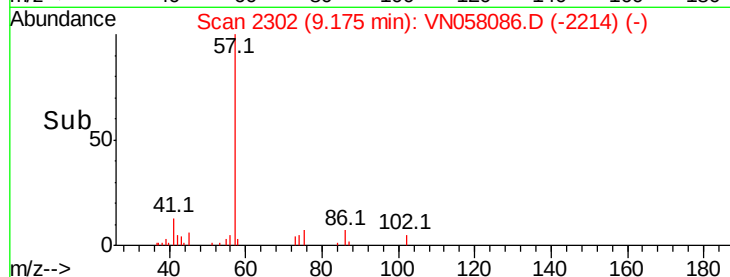
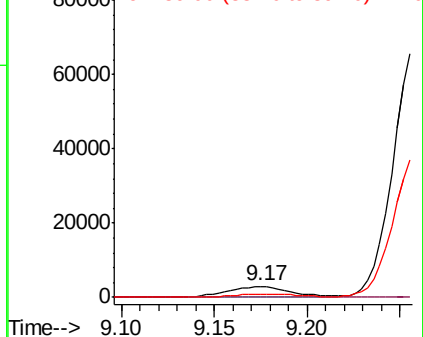
#48  
Methvl methacrylate  
Concen: 1.263 ug/l  
RT: 9.17 min Scan# 2302  
Delta R.T. -0.02 min  
Lab File: VN058086.D  
Acq: 15 Sep 2019 13:10

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 41 Resp: 7019  
Ion Ratio Lower Upper  
41 100  
69 0.0 62.7 94.1#  
39 0.0 52.7 79.1#

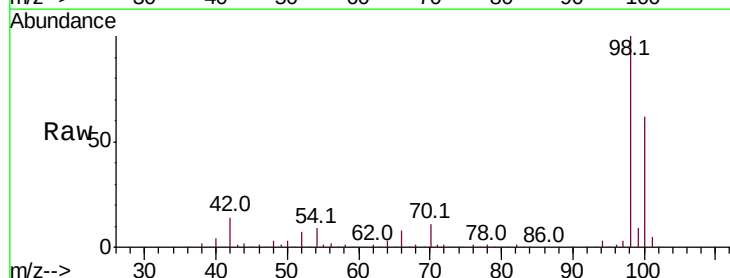


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0

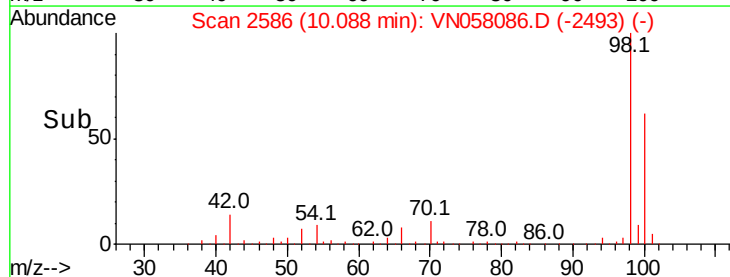
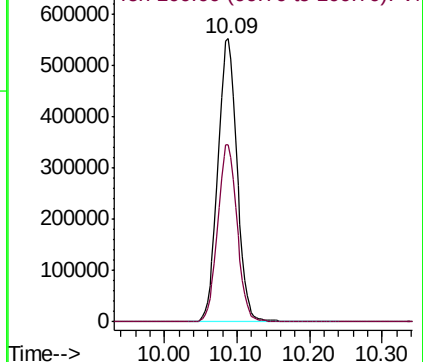


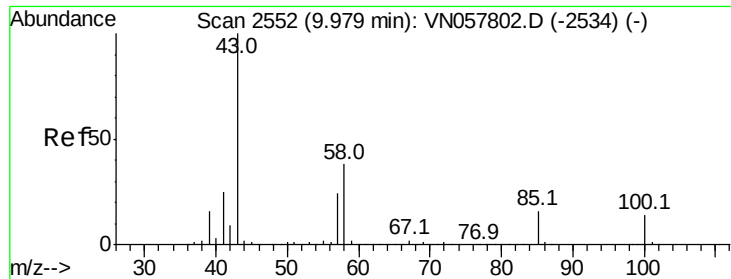
#50  
Toluene-d8  
Concen: 52.112 ug/l  
RT: 10.09 min Scan# 2586  
Delta R.T. 0.00 min  
Lab File: VN058086.D  
Acq: 15 Sep 2019 13:10

Tgt Ion: 98 Resp: 1015655  
Ion Ratio Lower Upper  
98 100  
100 63.0 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0  
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.042 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058086.D

Acq: 15 Sep 2019 13:10

Instrument :

MSVOA\_N

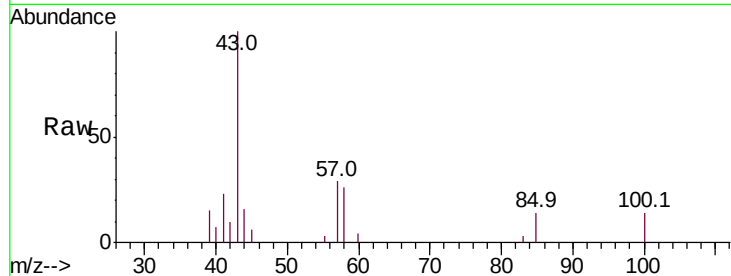
ClientSampled :

Tot Ion: 43 Resp: 6760

Ion Ratio Lower Upper

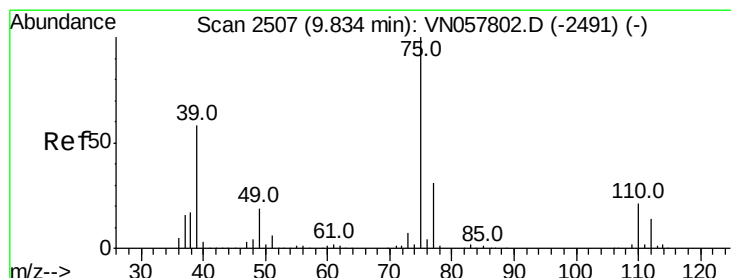
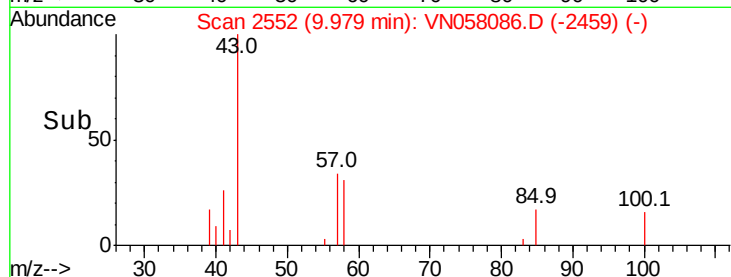
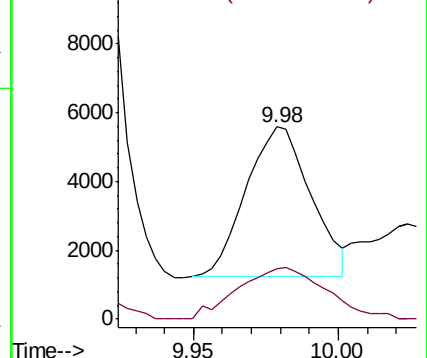
43 100

58 46.9 29.8 44.6#



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-2534) (-)



#54

cis-1,3-Dichloropropene

Concen: 6.186 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN058086.D

Acq: 15 Sep 2019 13:10

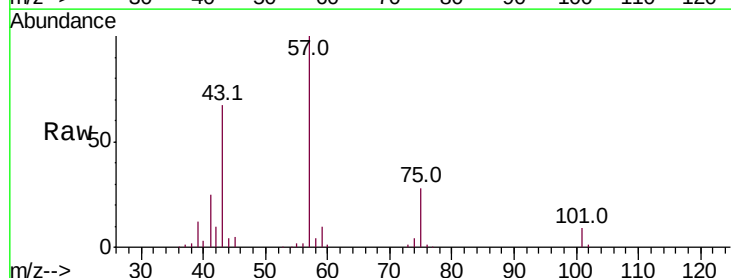
Tgt Ion: 75 Resp: 47955

Ion Ratio Lower Upper

75 100

77 1.0 24.8 37.2#

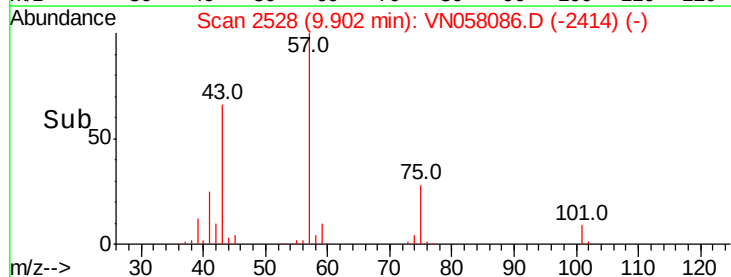
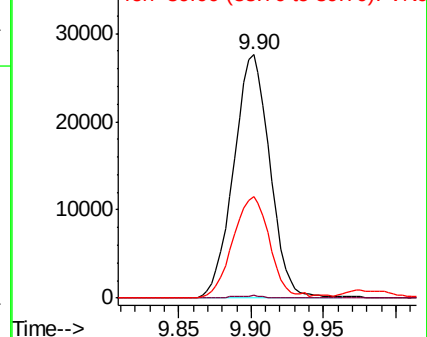
39 41.5 46.2 69.4#

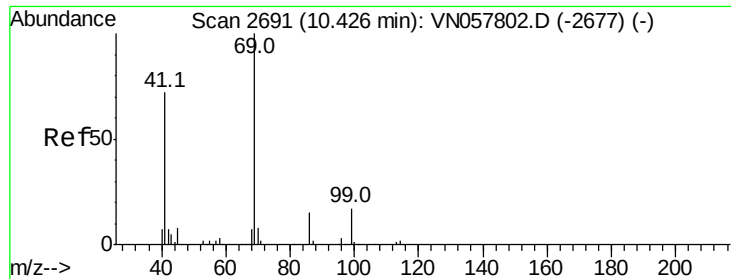


Abundance Ion 74.90 (74.60 to 75.60): VN057802.D (-2491) (-)

Ion 76.90 (76.60 to 77.60): VN057802.D (-2491) (-)

Ion 39.00 (38.70 to 39.70): VN057802.D (-2491) (-)





#56

Ethyl methacrylate

Concen: 0.303 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN058086.D

Acq: 15 Sep 2019 13:10

Instrument :

MSVOA\_N

ClientSampled :

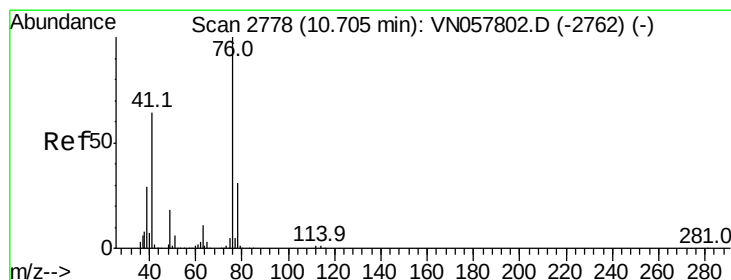
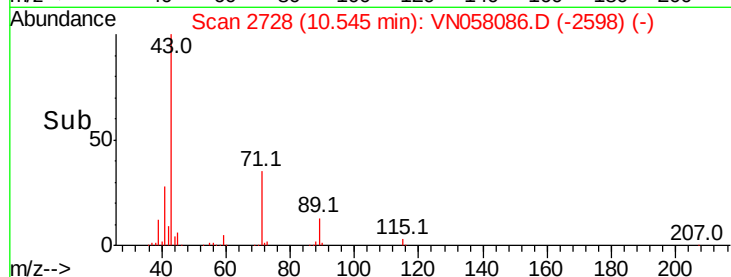
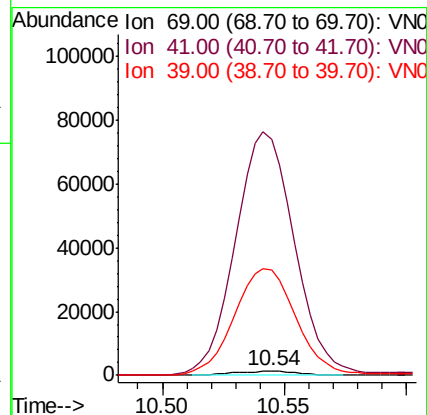
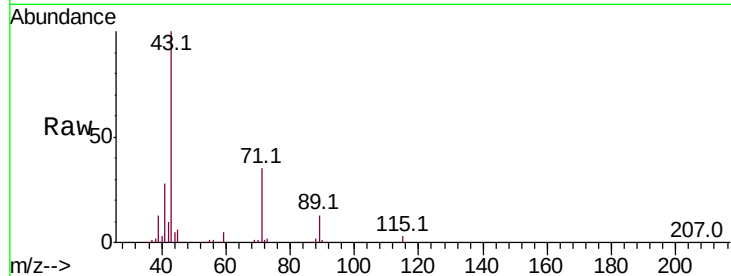
Tot Ion: 69 Resp: 2310

Ion Ratio Lower Upper

69 100

41 5585.2 56.7 85.1#

39 2572.2 36.3 54.5#



#57

1,3-Dichloropropane

Concen: 0.703 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058086.D

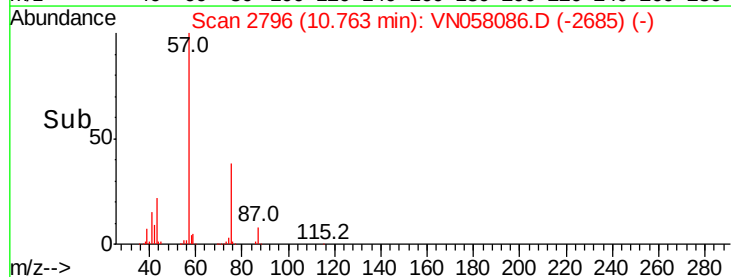
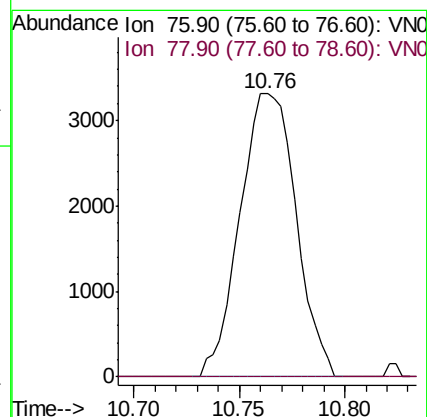
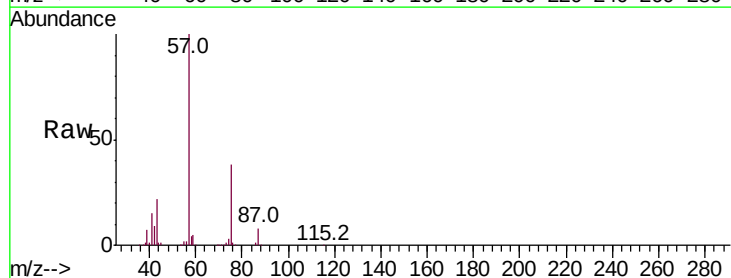
Acq: 15 Sep 2019 13:10

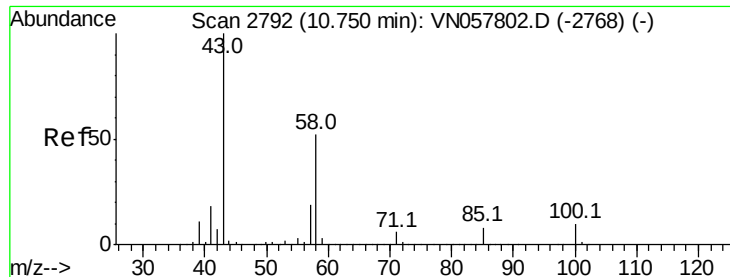
Tgt Ion: 76 Resp: 6138

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.2#





#59

2-Hexanone

Concen: 21.213 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN058086.D

Acq: 15 Sep 2019 13:10

Instrument :

MSVOA\_N

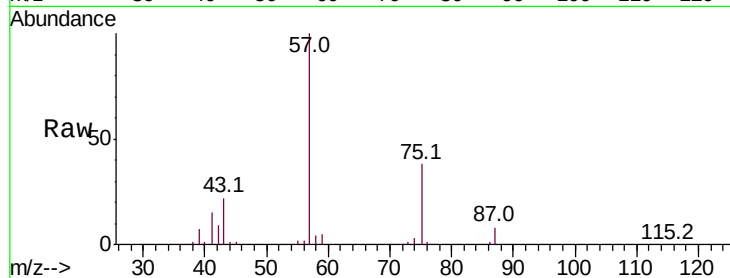
ClientSampled :

Tot Ion: 43 Resp: 103119

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

80000

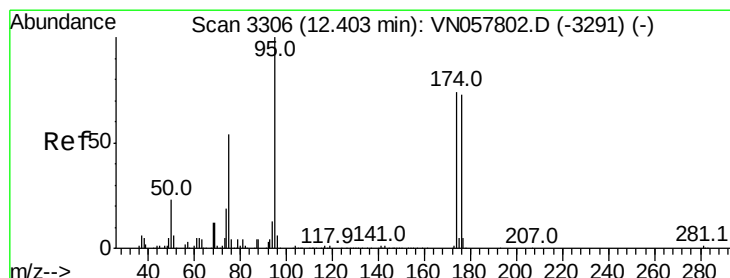
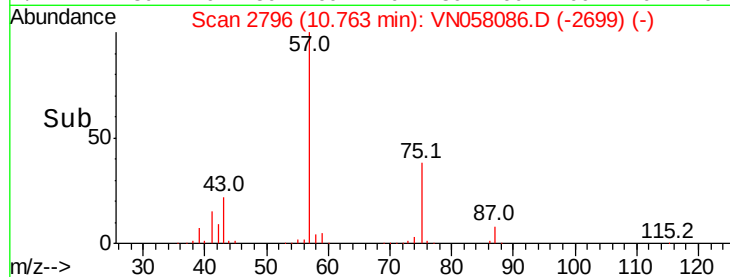
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.209 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058086.D

Acq: 15 Sep 2019 13:10

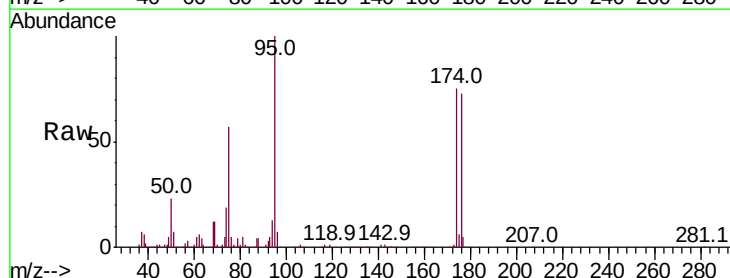
Tgt Ion: 95 Resp: 335785

Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.2

176 74.1 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

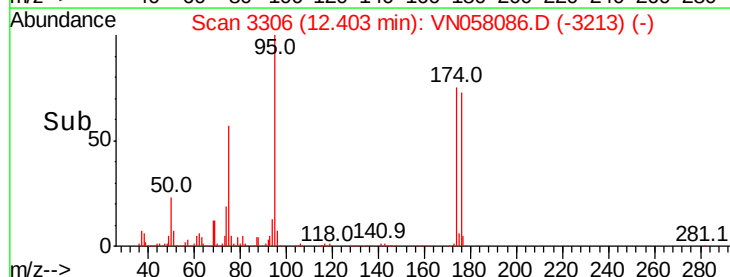
150000

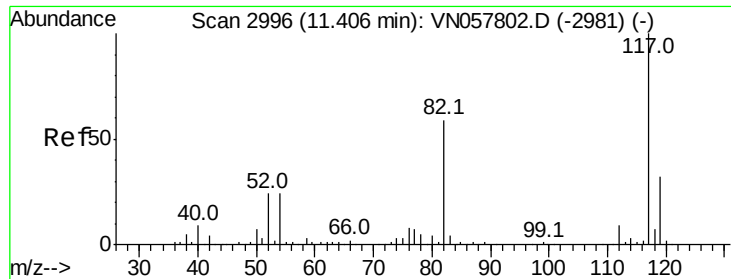
100000

50000

0

Time-->

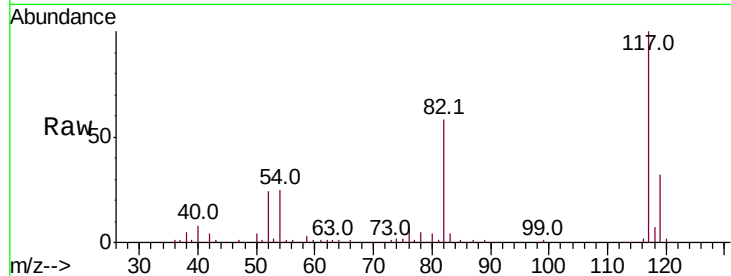




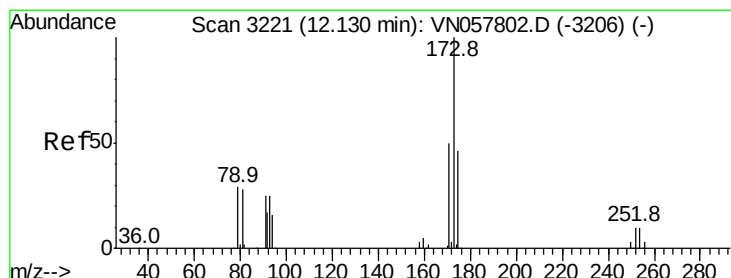
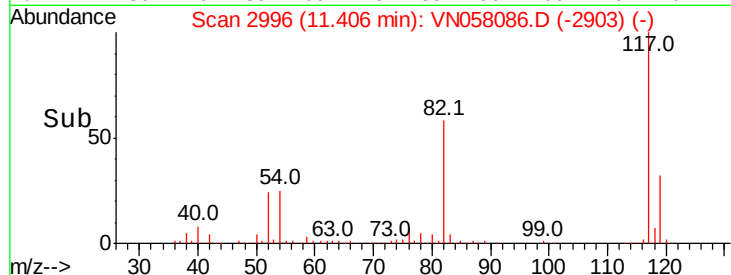
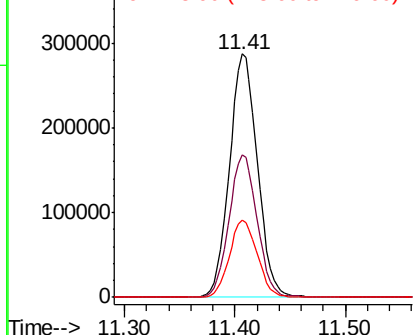
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN058086.D  
Acq: 15 Sep 2019 13:10

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:117 Resp: 504715  
Ion Ratio Lower Upper  
117 100  
82 58.5 47.2 70.8  
119 31.6 25.3 37.9

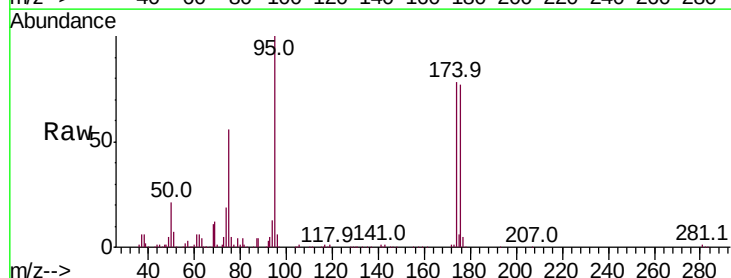


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VN  
Ion 118.90 (118.60 to 119.60): V

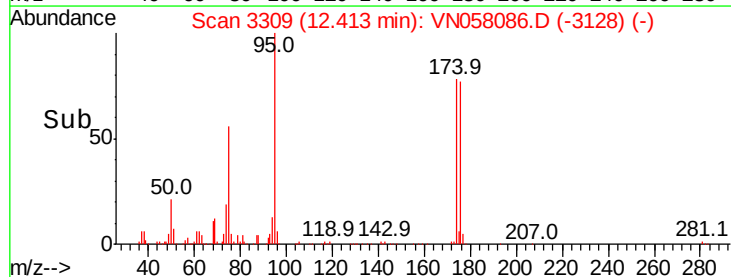
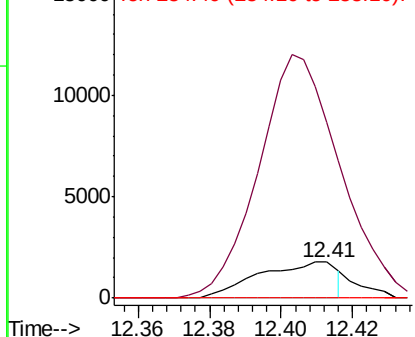


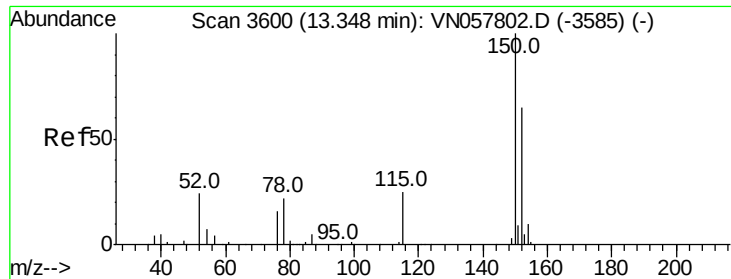
#71  
Bromoform  
Concen: 0.942 ug/l  
RT: 12.41 min Scan# 3309  
Delta R.T. 0.28 min  
Lab File: VN058086.D  
Acq: 15 Sep 2019 13:10

Tgt Ion:173 Resp: 2693  
Ion Ratio Lower Upper  
173 100  
175 606.3 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: VN058086.D

Acq: 15 Sep 2019 13:10

Instrument :

MSVOA\_N

ClientSampleId :

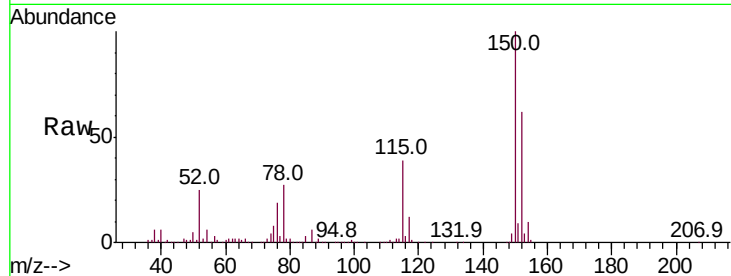
Tot Ion:152 Resp: 267805

Ion Ratio Lower Upper

152 100

115 61.8 30.3 91.0

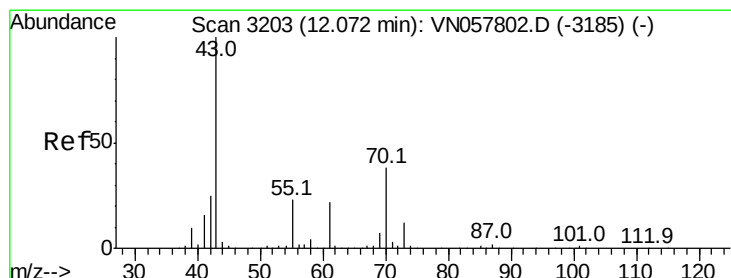
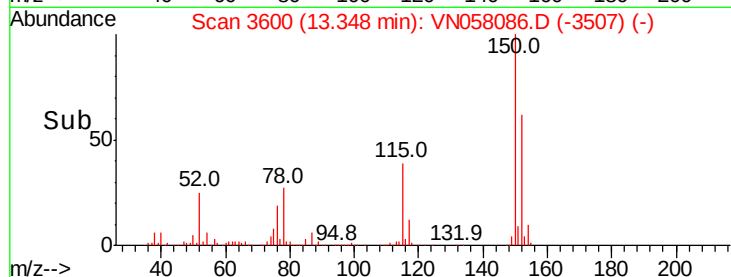
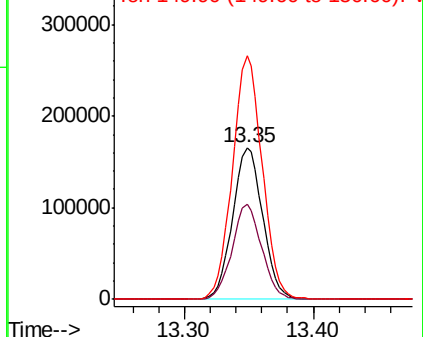
150 159.5 0.0 352.4



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-ethyl acetate

Concen: 0.624 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.04 min

Lab File: VN058086.D

Acq: 15 Sep 2019 13:10

Tgt Ion: 43 Resp: 5639

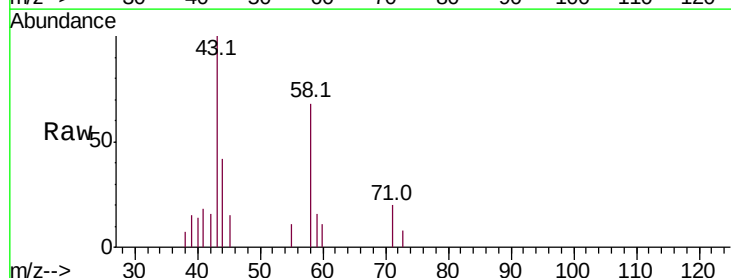
Ion Ratio Lower Upper

43 100

70 0.0 30.6 45.8#

55 4.6 18.6 27.8#

61 0.0 17.4 26.2#

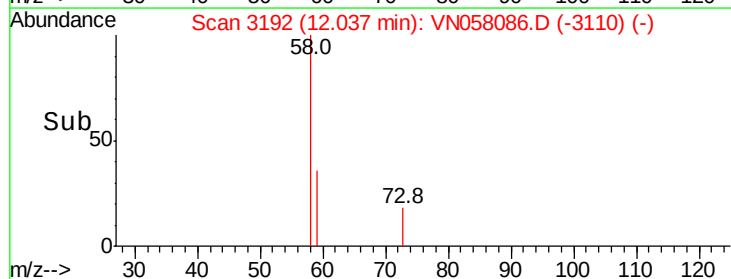
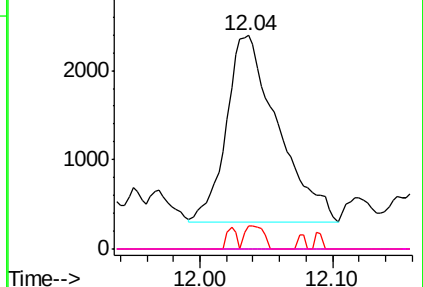


Abundance Ion 43.00 (42.70 to 43.70): V

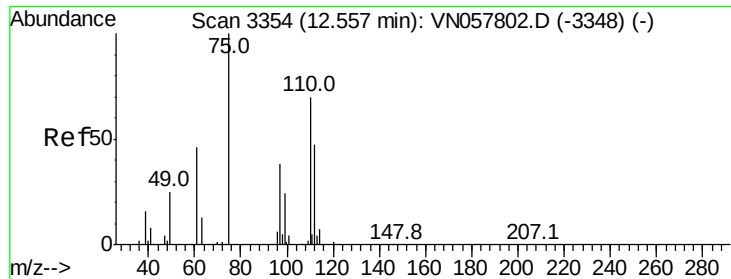
Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V







#76

1,2,3-Trichloropropane

Concen: 31.041 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058086.D

Acq: 15 Sep 2019 13:10

Instrument :

MSVOA\_N

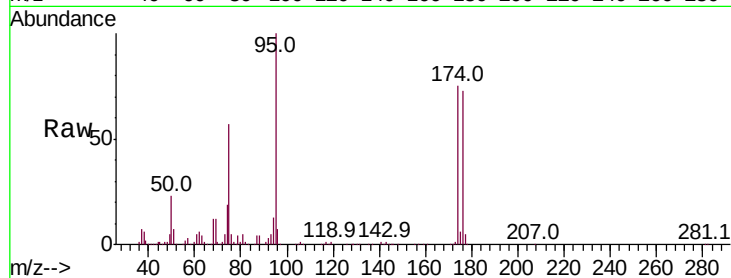
ClientSampled :

Tot Ion: 75 Resp: 188054

Ion Ratio Lower Upper

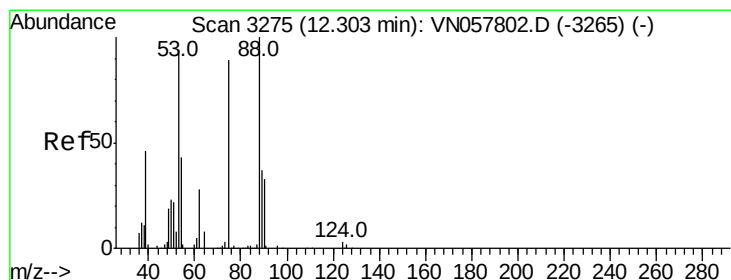
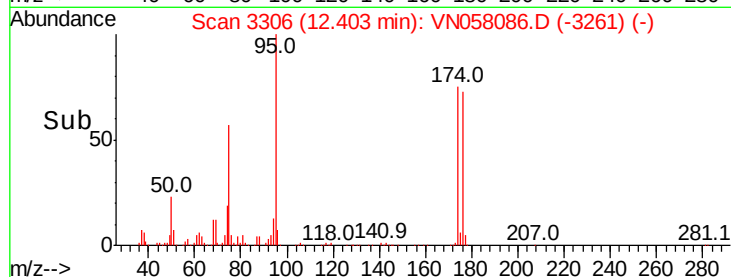
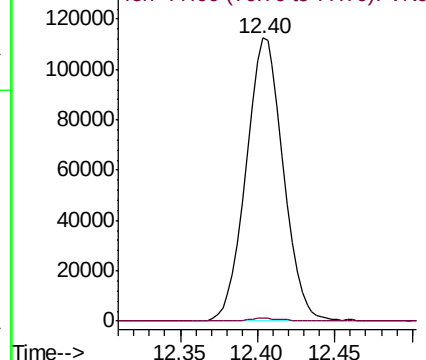
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 109.234 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058086.D

Acq: 15 Sep 2019 13:10

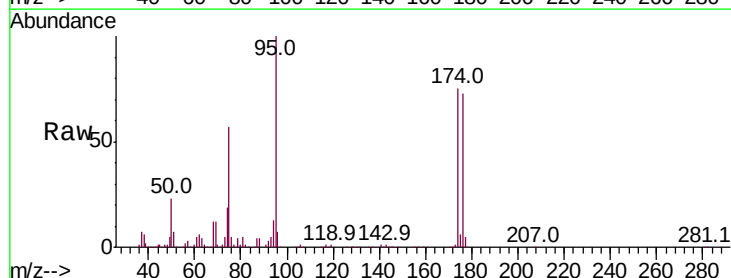
Tgt Ion: 75 Resp: 188054

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

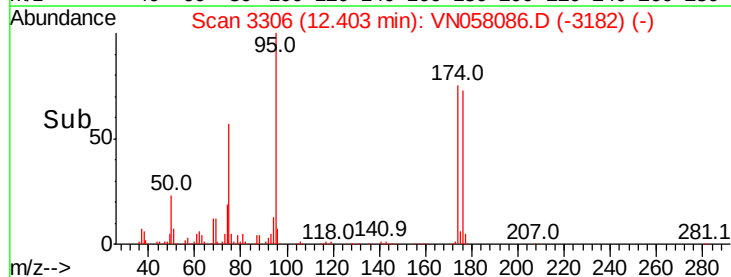
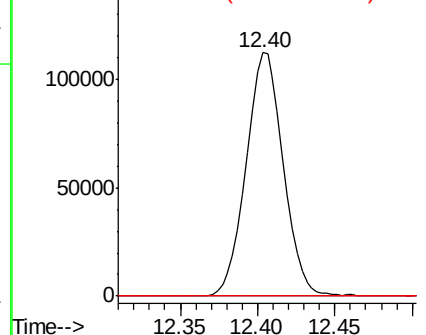
89 0.0 35.3 52.9#

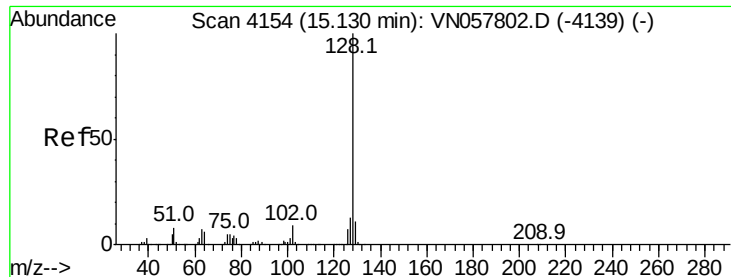


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95

Naphthalene

Concen: Below Cal

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN058086.D

Acq: 15 Sep 2019 13:10

Instrument :

MSVOA\_N

ClientSampleId :

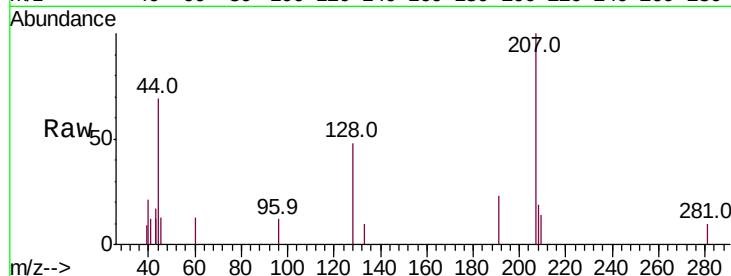
Tot Ion:128 Resp: 1559

Ion Ratio Lower Upper

128 100

127 4.5 10.3 15.5#

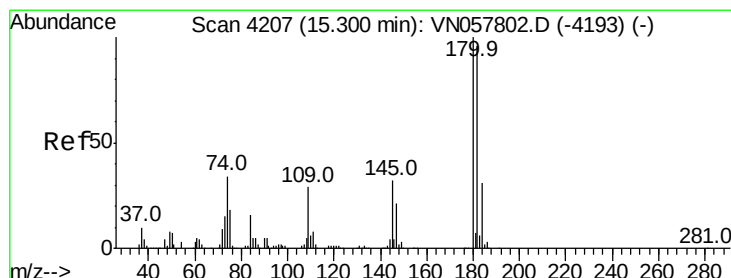
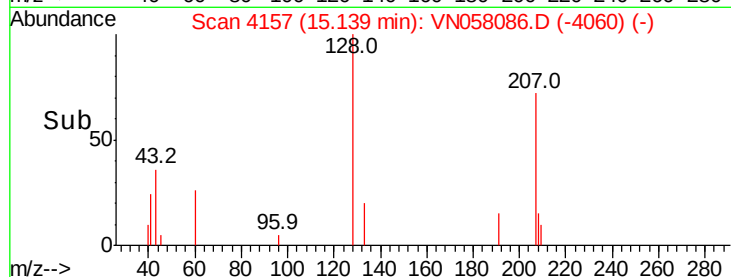
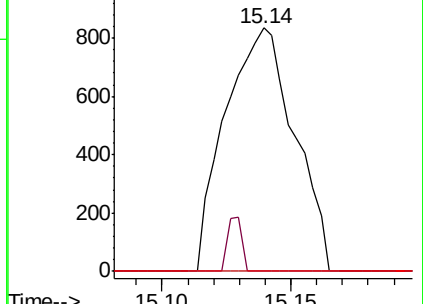
129 0.0 8.6 12.8#



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



#96

1,2,3-Trichlorobenzene

Concen: 1.036 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.00 min

Lab File: VN058086.D

Acq: 15 Sep 2019 13:10

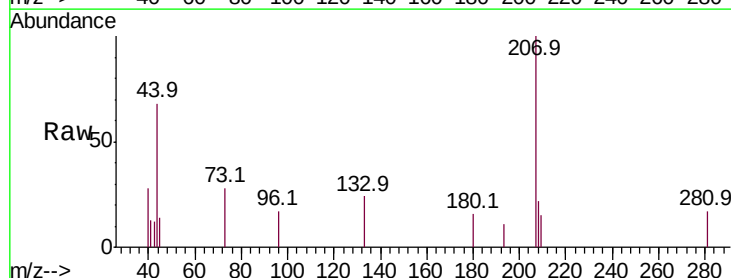
Tgt Ion:180 Resp: 209

Ion Ratio Lower Upper

180 100

182 30.6 48.3 144.8#

145 0.0 16.3 48.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

