

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013020\  
 Data File : VN059930.D  
 Acq On : 30 Jan 2020 15:45  
 Operator : JC/MD  
 Sample : L1004-18  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jan 30 16:55:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jan 18 03:09:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 184171   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 282015   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 256239   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 112182   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.00  | 65   | 101519   | 49.64 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.28%  |          |
| 35) Dibromofluoromethane    | 7.57  | 113  | 85078    | 50.59 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.18% |          |
| 50) Toluene-d8              | 10.08 | 98   | 337113   | 51.74 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.48% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 116501   | 49.60 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.20%  |          |

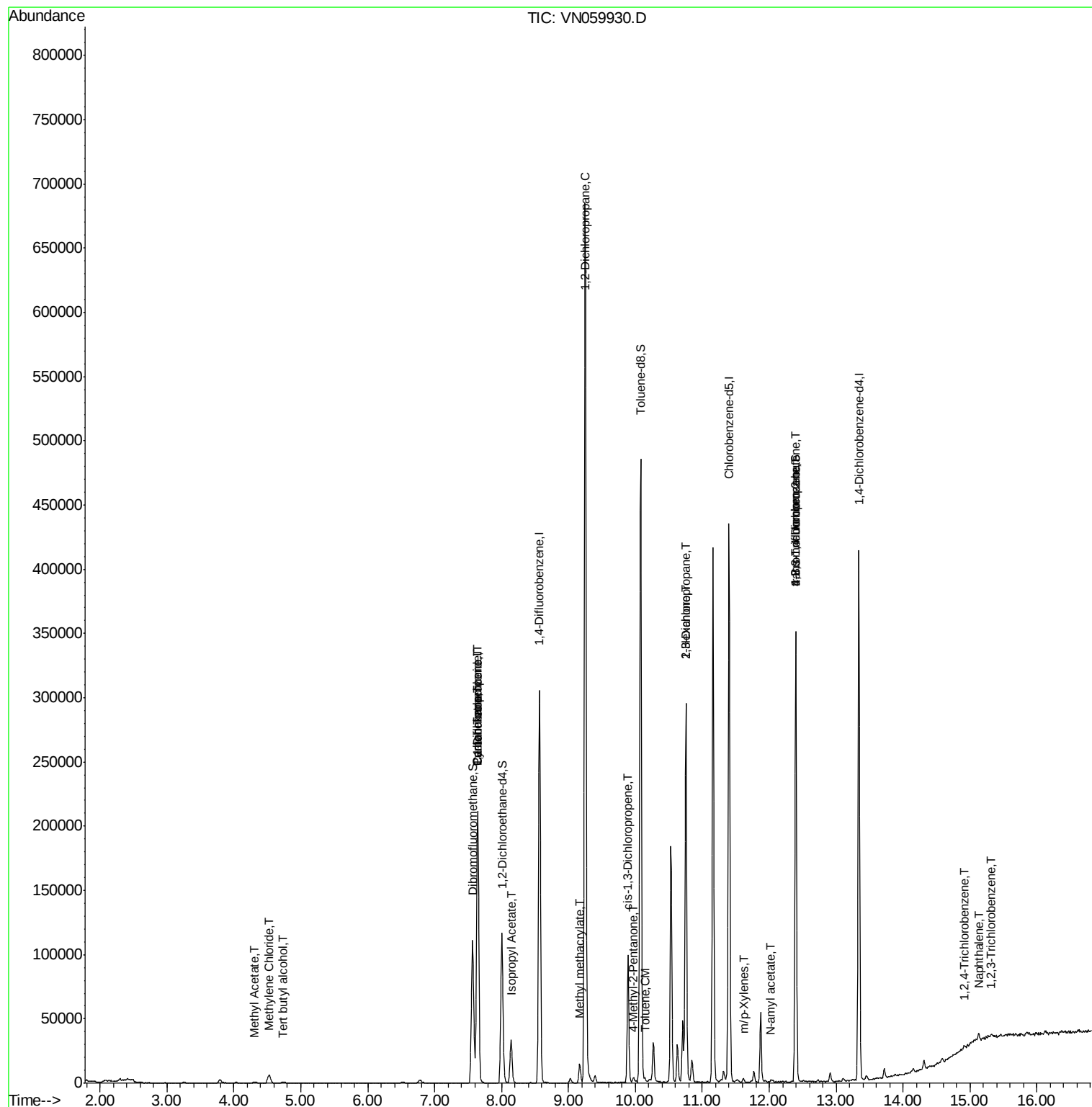
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 11) Tert butyl alcohol         | 4.73  | 59   | 359      | 1.043     | ug/l # | 72     |
| 16) Acetone                    | 3.79  | 43   | 5012     | Below Cal |        | 99     |
| 18) Methyl Acetate             | 4.30  | 43   | 1251     | 0.524     | ug/l # | 54     |
| 20) Methylene Chloride         | 4.52  | 84   | 5502     | 1.724     | ug/l # | 77     |
| 31) Cyclohexane                | 7.64  | 56   | 3749     | 1.239     | ug/l # | 11     |
| 36) 1,1-Dichloropropene        | 7.64  | 75   | 12540    | 5.106     | ug/l # | 51     |
| 38) Carbon Tetrachloride       | 7.64  | 117  | 16970    | 6.352     | ug/l # | 16     |
| 43) Isopropyl Acetate          | 8.14  | 43   | 39255    | 9.908     | ug/l # | 91     |
| 45) 1,2-Dichloropropane        | 9.25  | 63   | 868      | 0.479     | ug/l # | 44     |
| 48) Methyl methacrylate        | 9.16  | 41   | 2106     | 1.188     | ug/l # | 13     |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 1938     | 0.846     | ug/l # | 81     |
| 52) Toluene                    | 10.14 | 92   | 1361     | 0.294     | ug/l   | 82     |
| 54) cis-1,3-Dichloropropene    | 9.89  | 75   | 18406    | 6.081     | ug/l # | 60     |
| 57) 1,3-Dichloropropane        | 10.75 | 76   | 3042     | 1.046     | ug/l # | 42     |
| 59) 2-Hexanone                 | 10.75 | 43   | 41076    | 24.345    | ug/l # | 55     |
| 68) m/p-Xylenes                | 11.61 | 106  | 906      | 0.262     | ug/l   | 76     |
| 74) N-amyl acetate             | 12.03 | 43   | 1696     | 0.531     | ug/l # | 45     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 58392    | 30.929    | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 58392    | 66.421    | ug/l # | 11     |
| 92) 1,2-Dibromo-3-Chloropropan | 14.28 | 75   | 101      | Below Cal | #      | 6      |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 764      | 0.355     | ug/l   | 90     |
| 95) Naphthalene                | 15.13 | 128  | 4101     | 0.671     | ug/l # | 93     |
| 96) 1,2,3-Trichlorobenzene     | 15.31 | 180  | 806      | 0.385     | ug/l   | 89     |

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

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Quant Title : SW846 8260  
QLast Update : Sat Jan 18 03:09:32 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059930.D

Acq: 30 Jan 2020 15:45

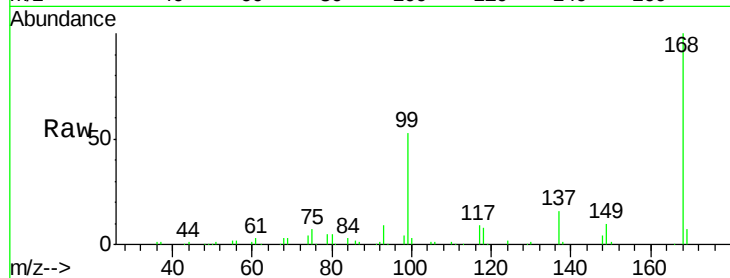
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 184171

Ion Ratio Lower Upper

168 100

99 52.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

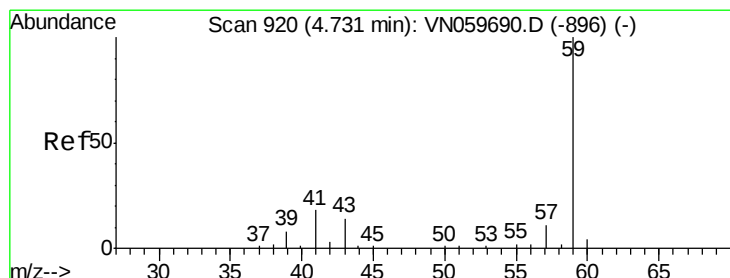
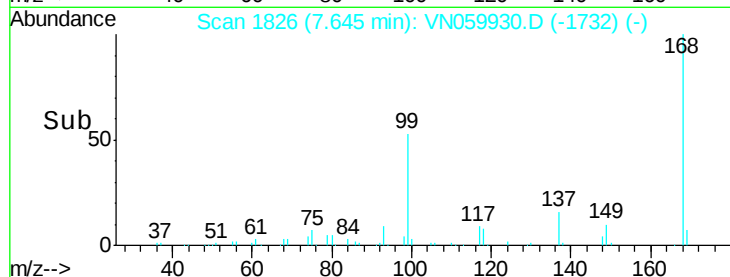
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 1.043 ug/l

RT: 4.73 min Scan# 920

Delta R.T. 0.00 min

Lab File: VN059930.D

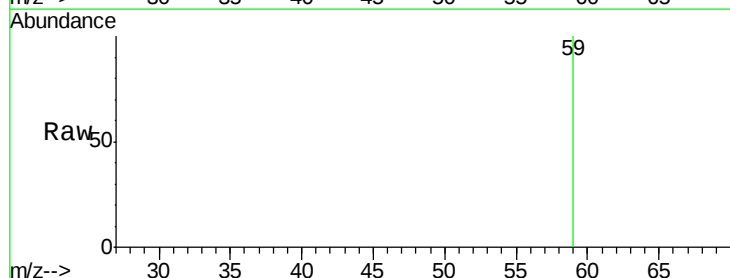
Acq: 30 Jan 2020 15:45

Tgt Ion: 59 Resp: 359

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.73

500

400

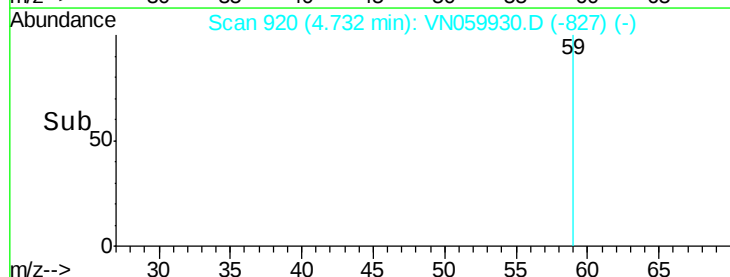
300

200

100

0

Time--> 4.70 4.72 4.74





#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN059930.D

Acq: 30 Jan 2020 15:45

Instrument :

MSVOA\_N

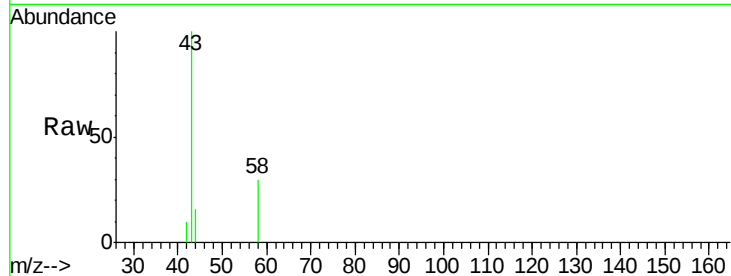
ClientSampleId :

Tot Ion: 43 Resp: 5012

Ion Ratio Lower Upper

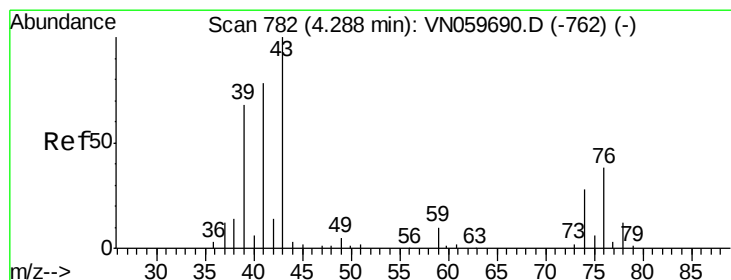
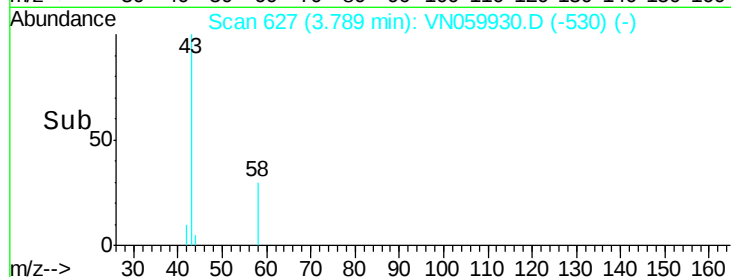
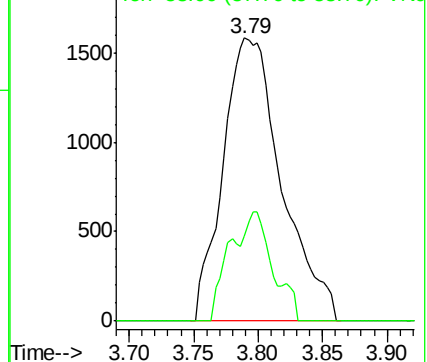
43 100

58 30.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.524 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.02 min

Lab File: VN059930.D

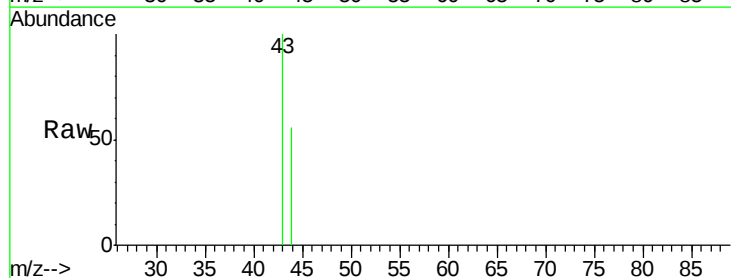
Acq: 30 Jan 2020 15:45

Tgt Ion: 43 Resp: 1251

Ion Ratio Lower Upper

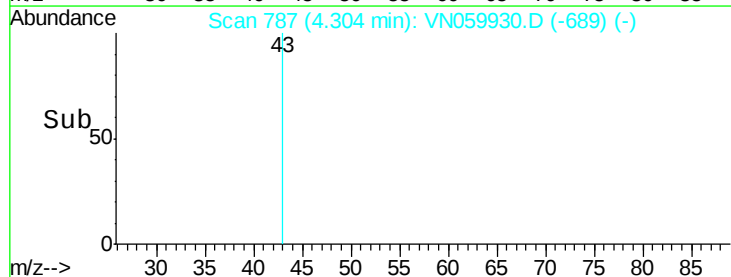
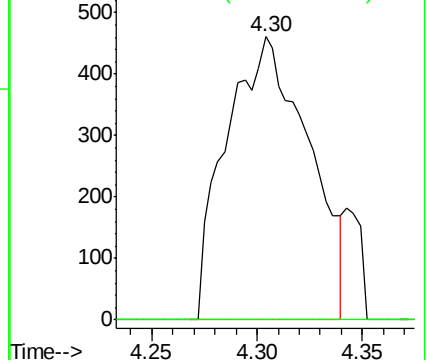
43 100

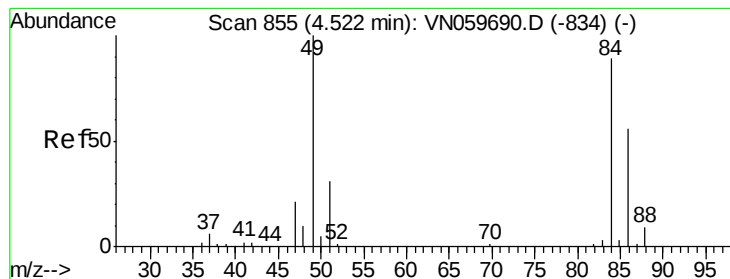
74 0.0 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methylene Chloride

Concen: 1.724 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN059930.D

Acq: 30 Jan 2020 15:45

Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 84 Resp: 5502

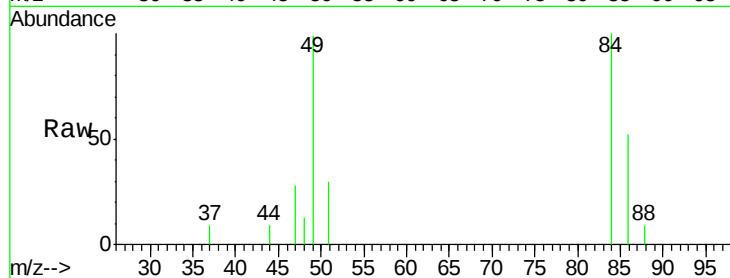
Ion Ratio Lower Upper

84 100

49 98.8 106.6 160.0#

51 29.6 31.9 47.9#

86 52.2 50.8 76.2

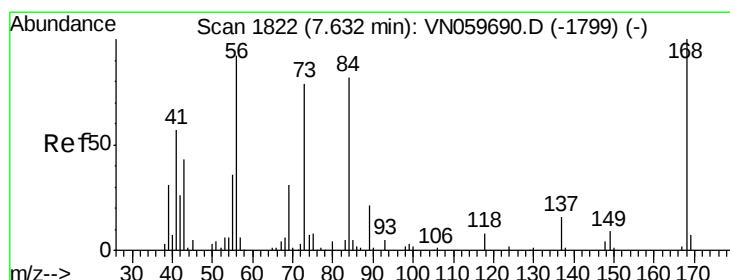
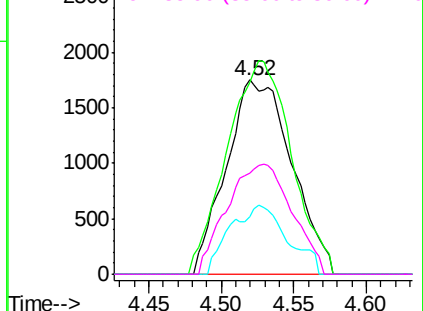
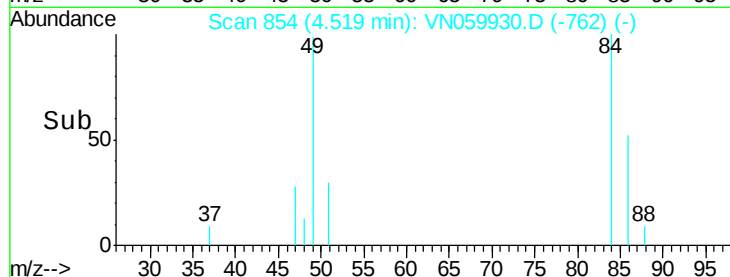


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#31

Cyclohexane

Concen: 1.239 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN059930.D

Acq: 30 Jan 2020 15:45

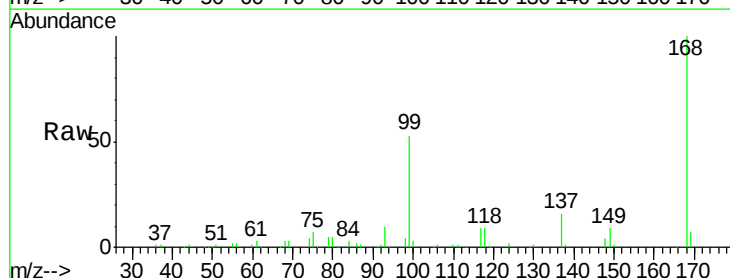
Tgt Ion: 56 Resp: 3749

Ion Ratio Lower Upper

56 100

69 143.1 26.5 39.7#

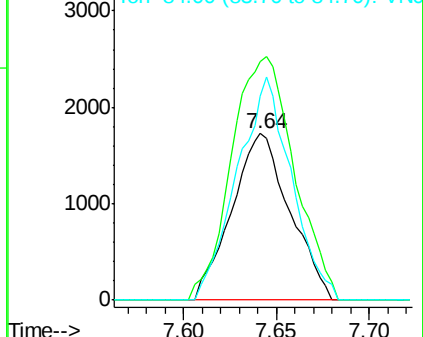
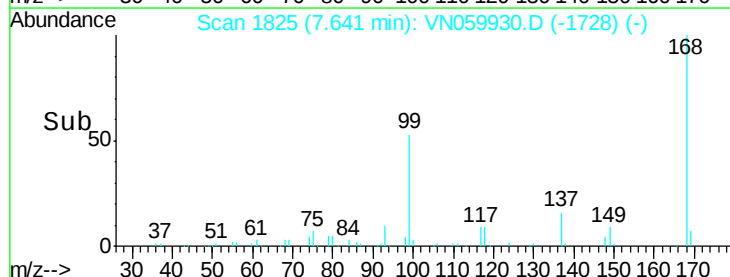
84 122.8 65.3 97.9#

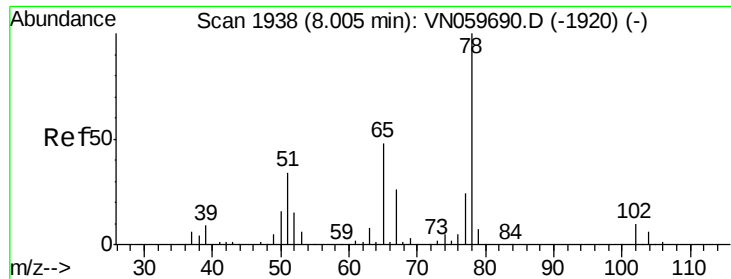


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

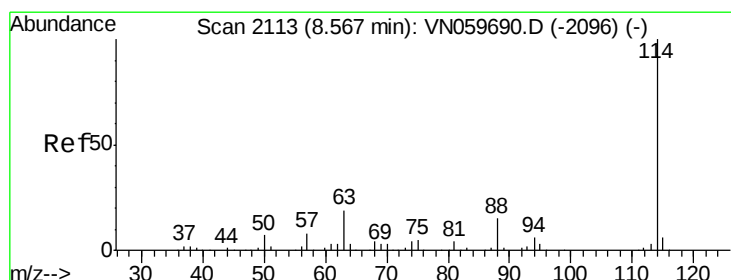
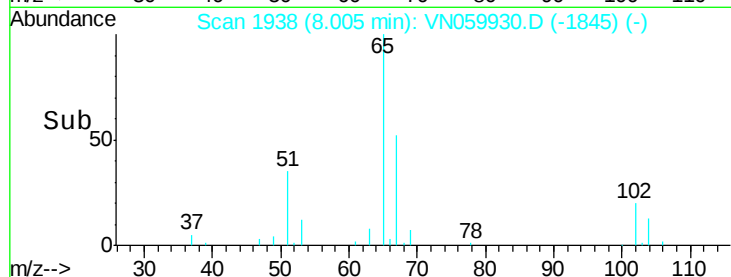
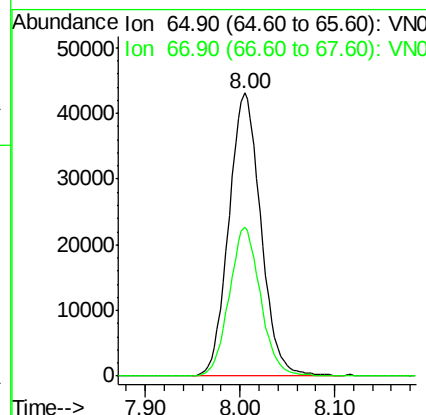
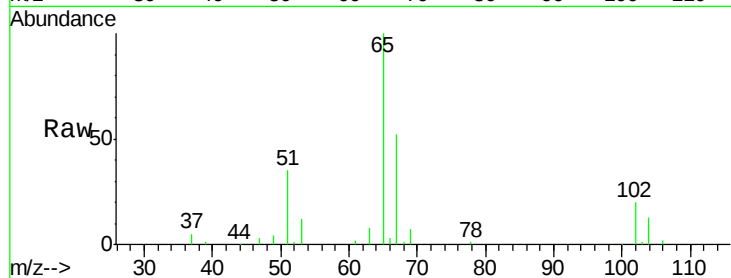




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.636 ug/l  
 RT: 8.00 min Scan# 1938  
 Delta R.T. 0.00 min  
 Lab File: VN059930.D  
 Acq: 30 Jan 2020 15:45

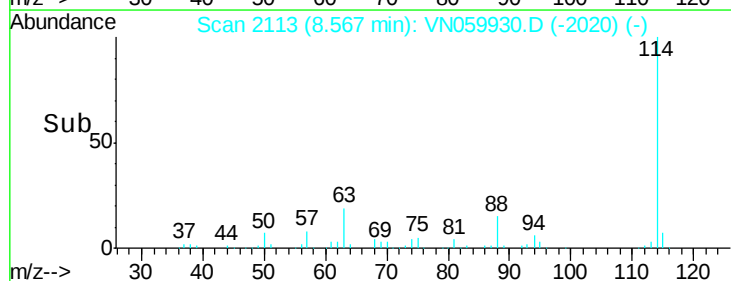
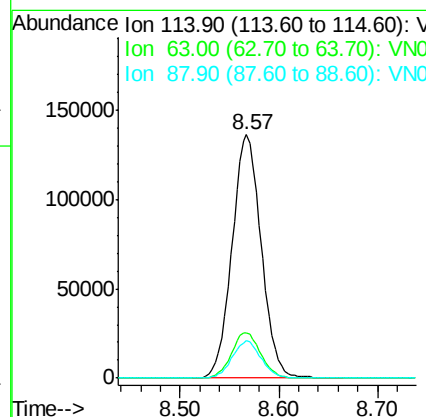
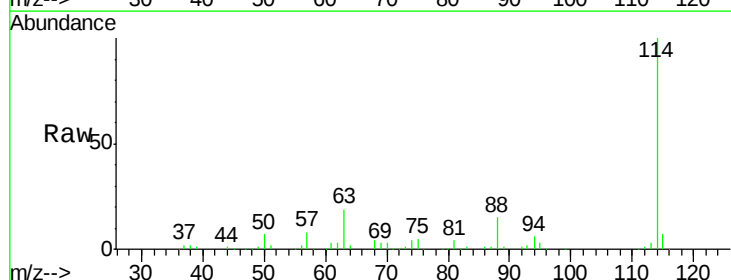
Instrument :  
 MSVOA\_N  
 ClientSampleId :

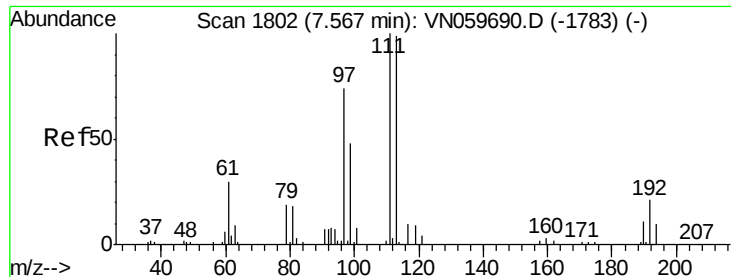
Tot Ion: 65 Resp: 101519  
 Ion Ratio Lower Upper  
 65 100  
 67 51.2 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VN059930.D  
 Acq: 30 Jan 2020 15:45

Tgt Ion: 114 Resp: 282015  
 Ion Ratio Lower Upper  
 114 100  
 63 18.8 0.0 43.6  
 88 15.2 0.0 31.4

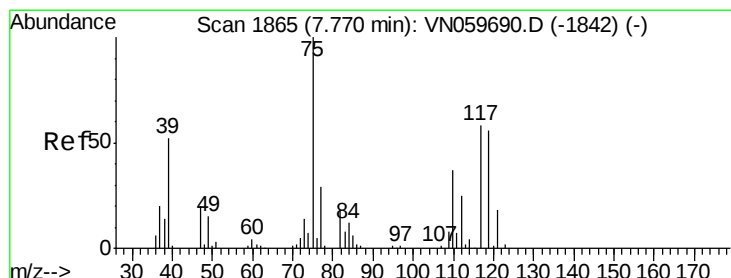
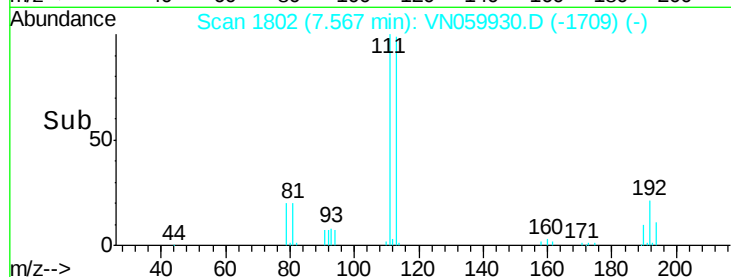
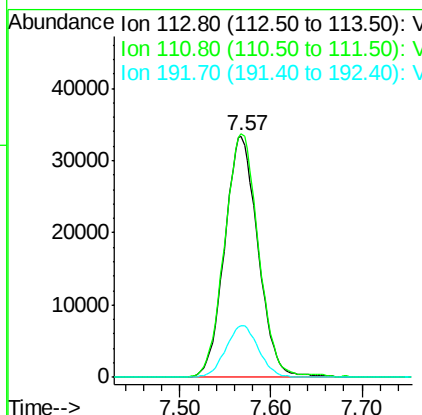
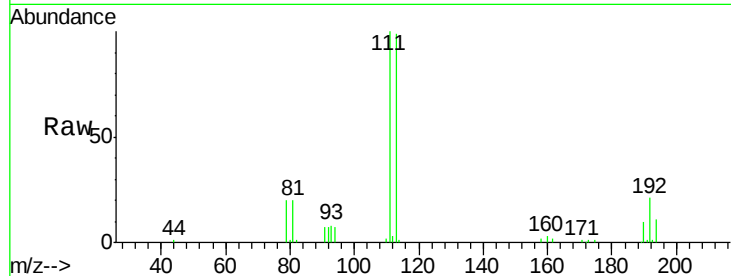




#35  
 Dibromofluoromethane  
 Concen: 50.588 ug/l  
 RT: 7.57 min Scan# 1802  
 Delta R.T. 0.00 min  
 Lab File: VN059930.D  
 Acq: 30 Jan 2020 15:45

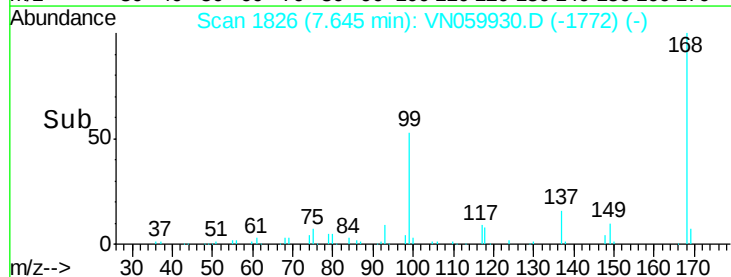
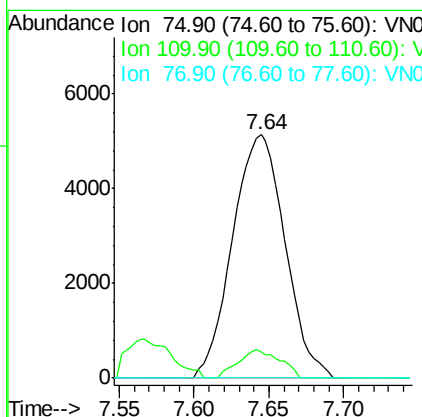
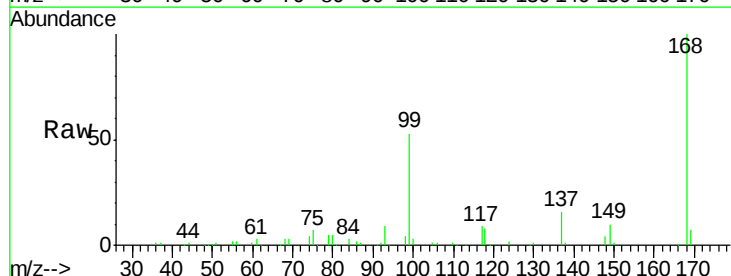
Instrument :  
 MSVOA\_N  
 ClientSampleId :

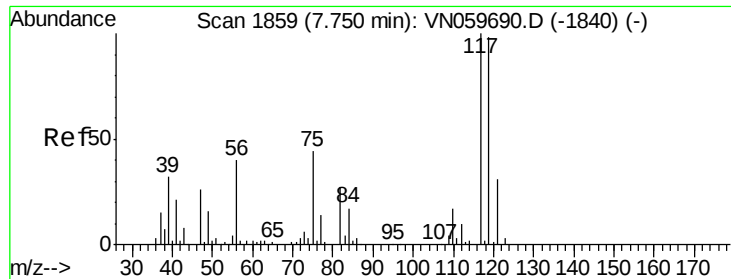
Tot Ion:113 Resp: 85078  
 Ion Ratio Lower Upper  
 113 100  
 111 102.6 83.5 125.3  
 192 21.0 15.4 23.2



#36  
 1,1-Dichloropropene  
 Concen: 5.106 ug/l  
 RT: 7.64 min Scan# 1826  
 Delta R.T. -0.13 min  
 Lab File: VN059930.D  
 Acq: 30 Jan 2020 15:45

Tgt Ion: 75 Resp: 12540  
 Ion Ratio Lower Upper  
 75 100  
 110 9.3 16.6 49.7#  
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.352 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN059930.D

Acq: 30 Jan 2020 15:45

Instrument :

MSVOA\_N

ClientSampleId :

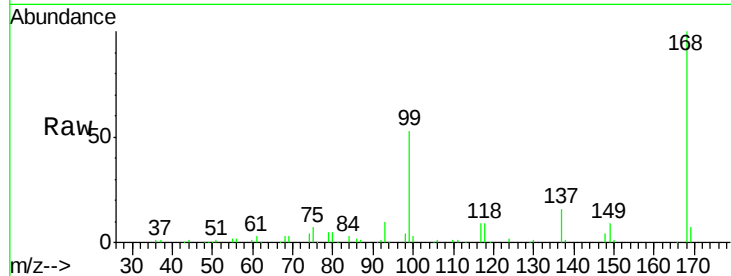
Tot Ion:117 Resp: 16970

Ion Ratio Lower Upper

117 100

119 4.7 76.5 114.7#

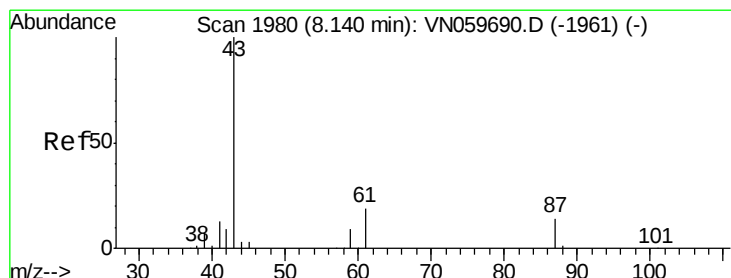
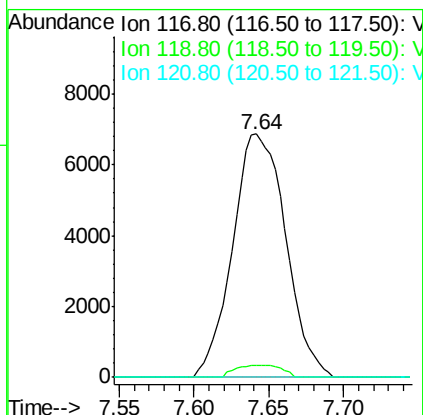
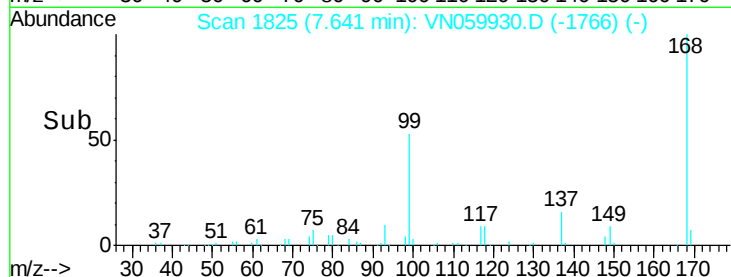
121 0.0 25.1 37.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 9.908 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059930.D

Acq: 30 Jan 2020 15:45

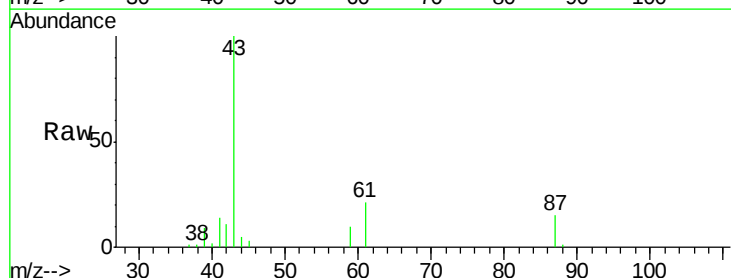
Tgt Ion: 43 Resp: 39255

Ion Ratio Lower Upper

43 100

61 20.4 20.2 30.2

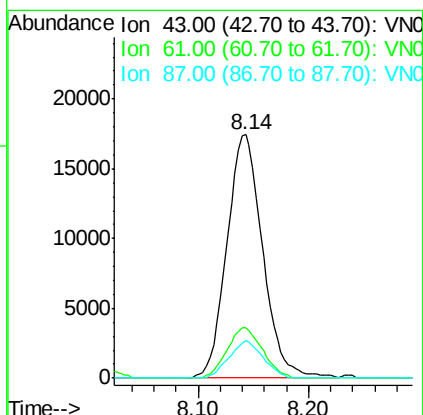
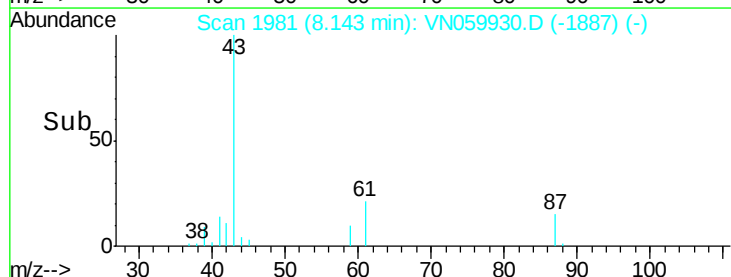
87 14.4 9.5 14.3#

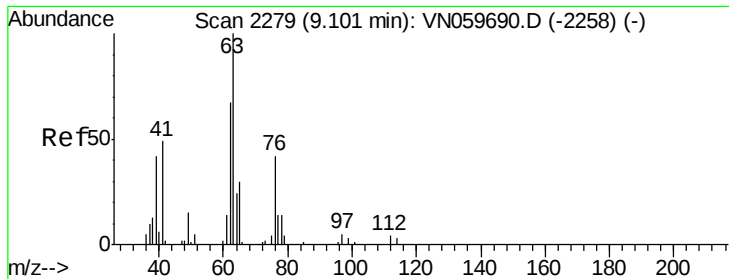


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.479 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.15 min

Lab File: VN059930.D

Acq: 30 Jan 2020 15:45

Instrument :

MSVOA\_N

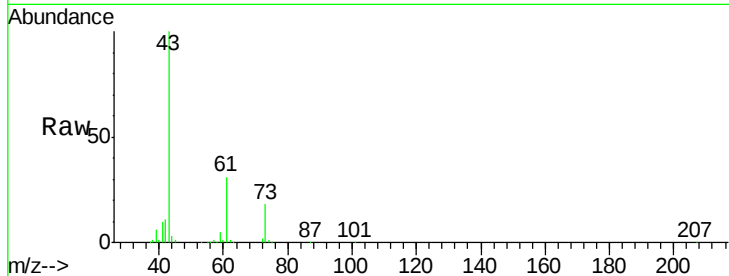
ClientSampled :

Tot Ion: 63 Resp: 868

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.25

600

500

400

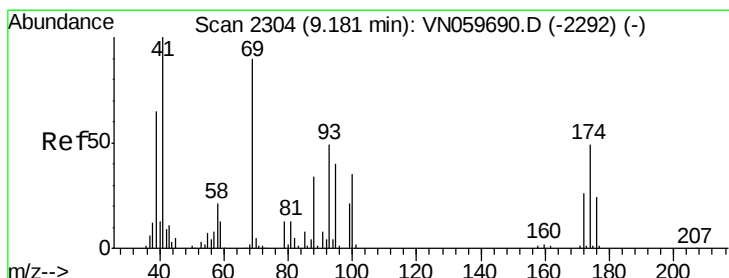
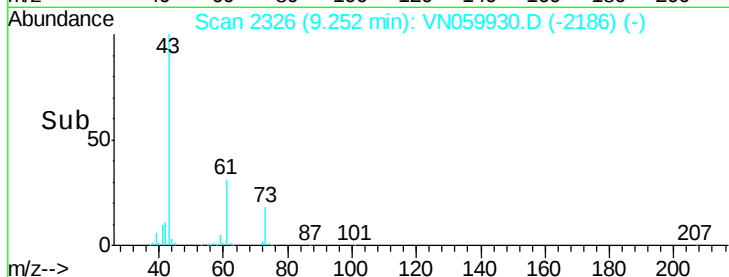
300

200

100

0

Time-->



#48

Methyl methacrylate

Concen: 1.188 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.02 min

Lab File: VN059930.D

Acq: 30 Jan 2020 15:45

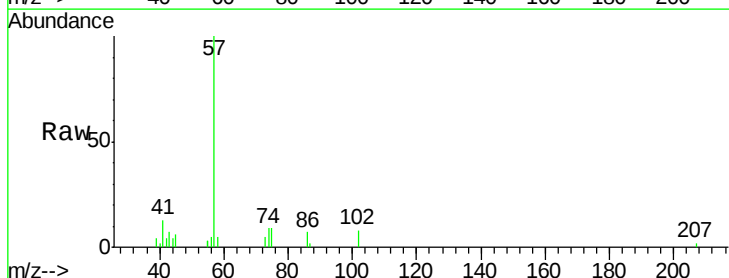
Tgt Ion: 41 Resp: 2106

Ion Ratio Lower Upper

41 100

69 0.0 64.4 96.6#

39 0.0 51.3 76.9#



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

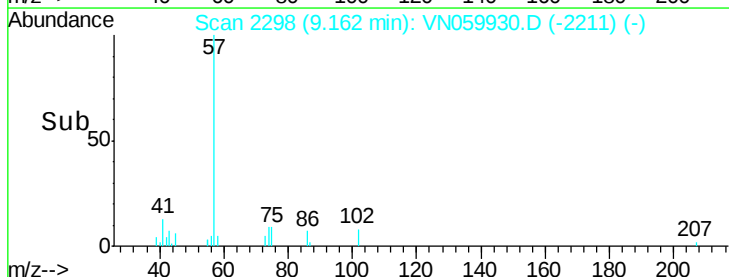
30000

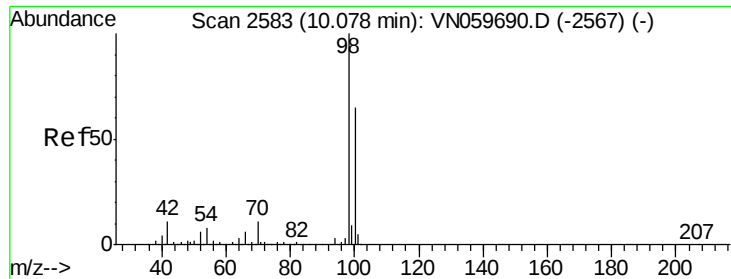
20000

10000

0

Time-->





#50

Toluene-d8

Concen: 51.736 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059930.D

Acq: 30 Jan 2020 15:45

Instrument :

MSVOA\_N

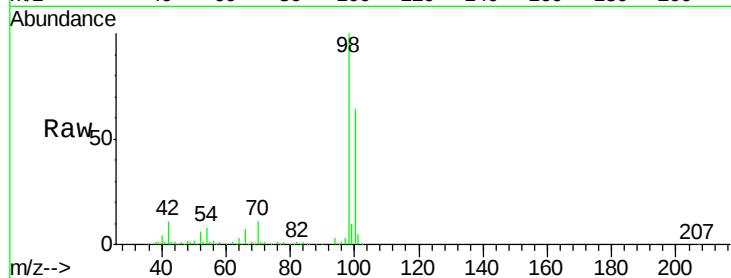
ClientSampled :

Tot Ion: 98 Resp: 337113

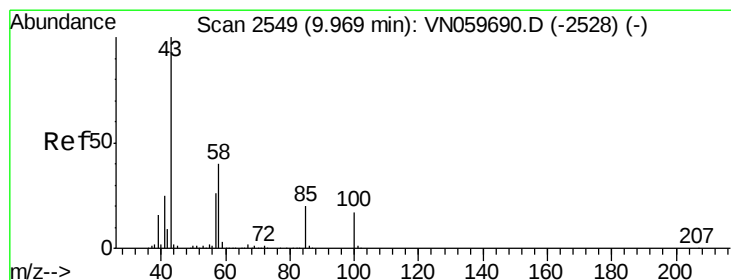
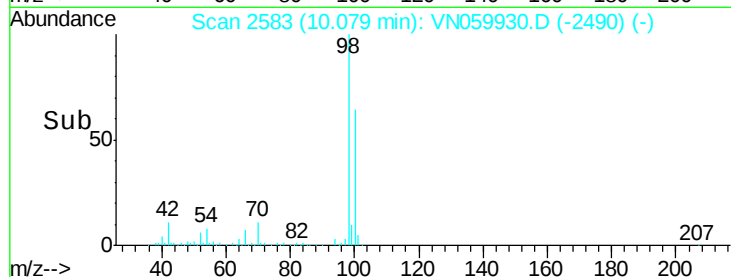
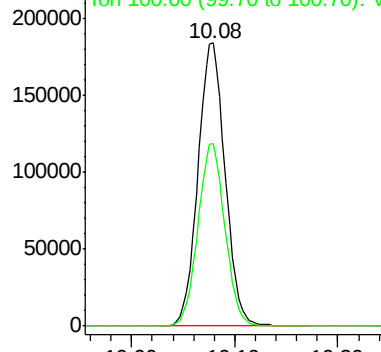
Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059930.D (-2490) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.846 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059930.D

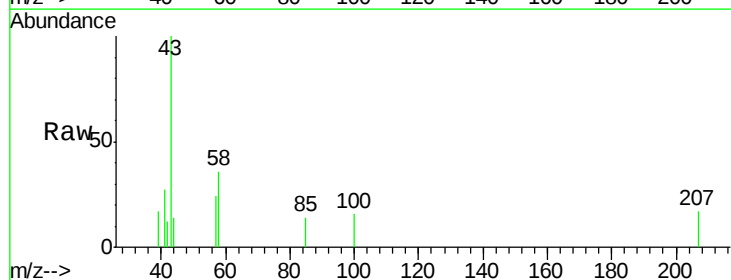
Acq: 30 Jan 2020 15:45

Tgt Ion: 43 Resp: 1938

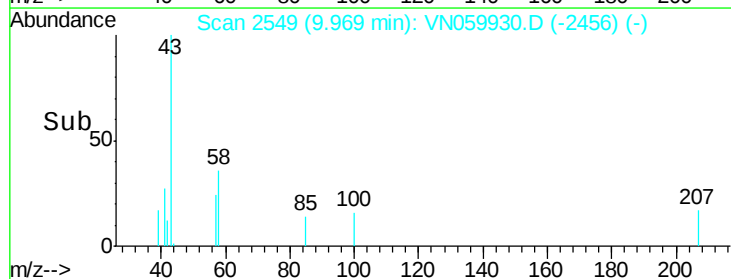
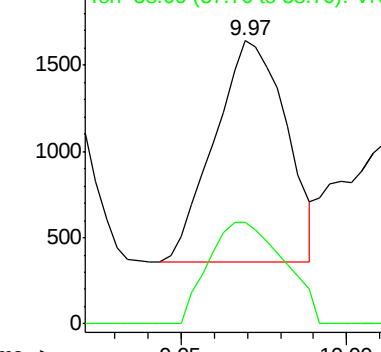
Ion Ratio Lower Upper

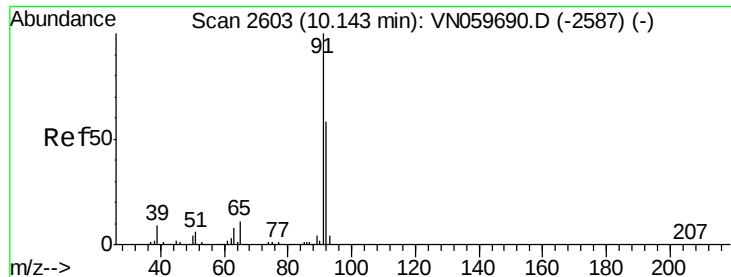
43 100

58 48.5 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VN059930.D (-2456) (-)





#52

Toluene

Concen: 0.294 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN059930.D

Acq: 30 Jan 2020 15:45

Instrument :

MSVOA\_N

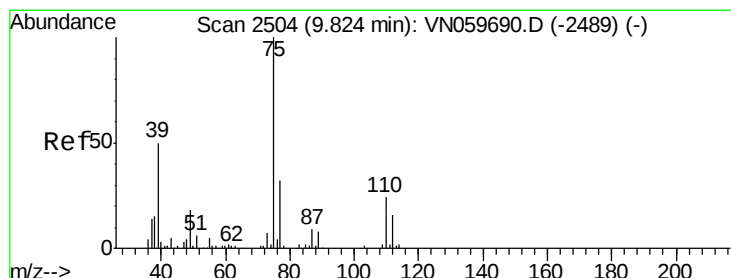
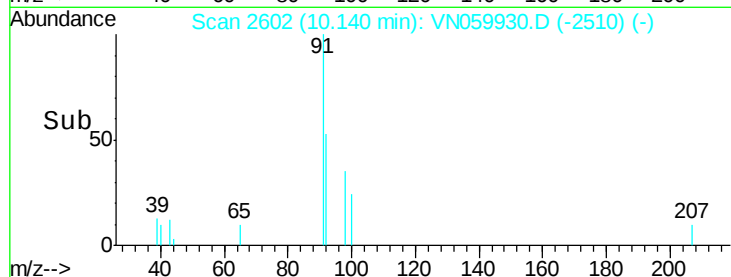
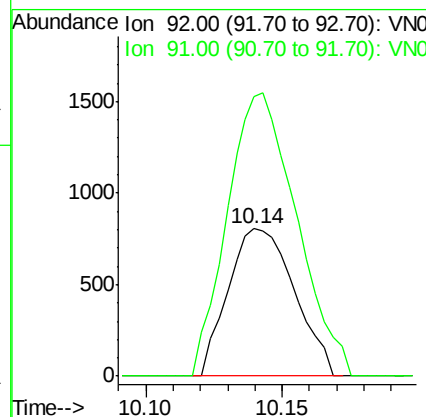
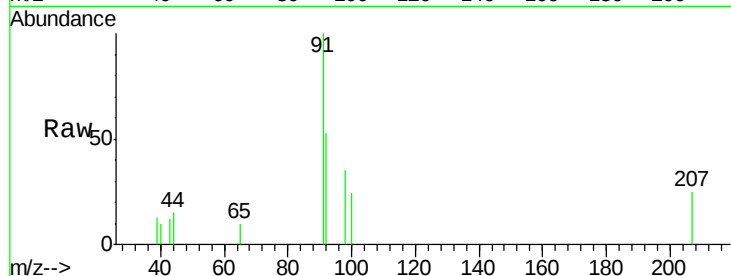
ClientSampleId :

Tot Ion: 92 Resp: 1361

Ion Ratio Lower Upper

92 100

91 200.1 140.4 210.6



#54

cis-1,3-Dichloropropene

Concen: 6.081 ug/l

RT: 9.89 min Scan# 2525

Delta R.T. 0.07 min

Lab File: VN059930.D

Acq: 30 Jan 2020 15:45

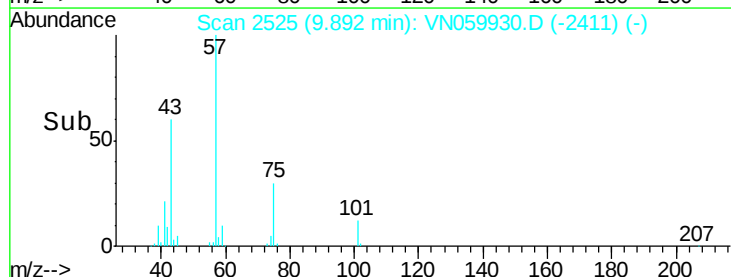
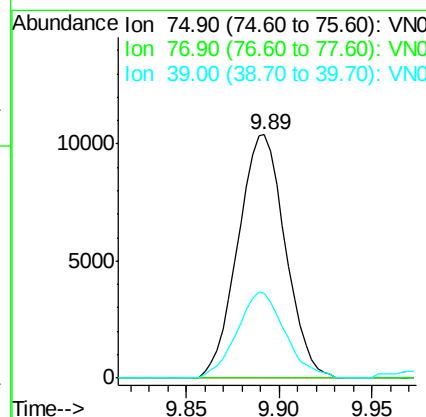
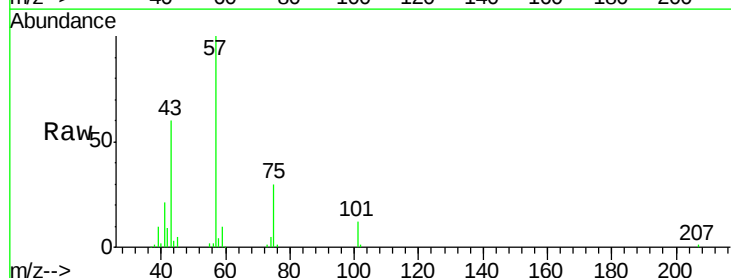
Tgt Ion: 75 Resp: 18406

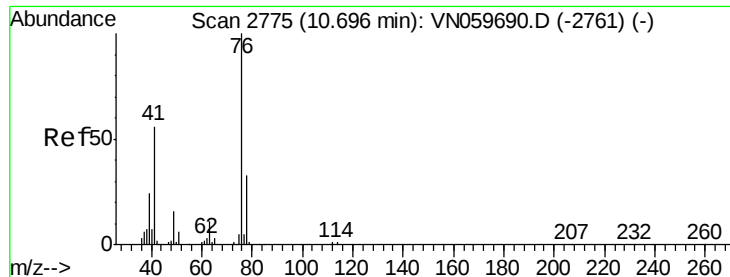
Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

39 34.6 46.1 69.1#

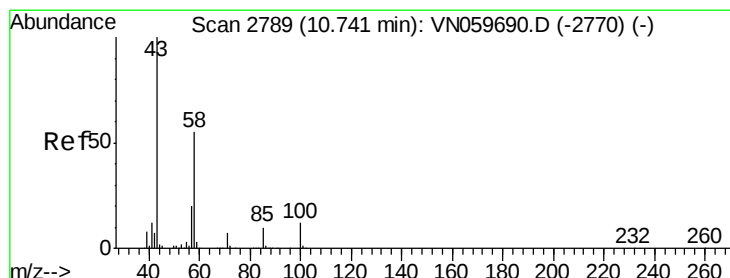
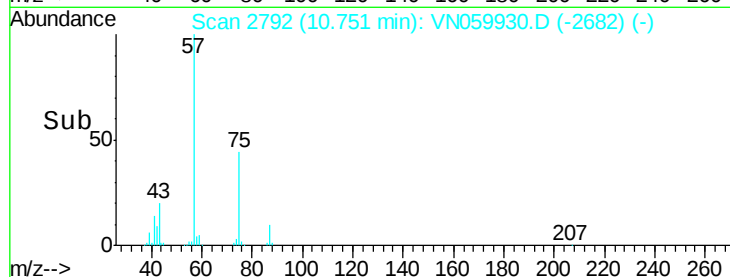
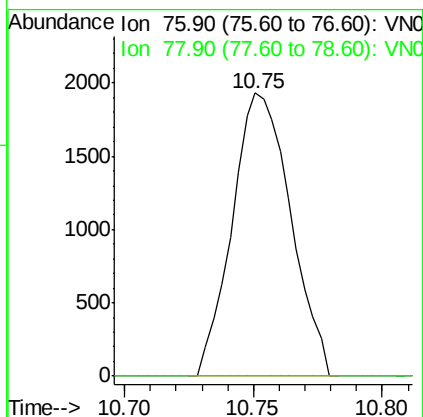
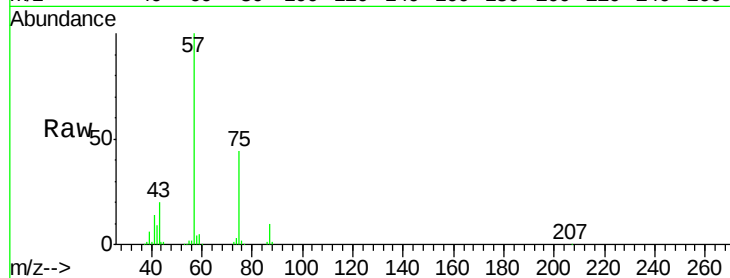




#57  
 1,3-Dichloropropane  
 Concen: 1.046 ug/l  
 RT: 10.75 min Scan# 2792  
 Delta R.T. 0.05 min  
 Lab File: VN059930.D  
 Acq: 30 Jan 2020 15:45

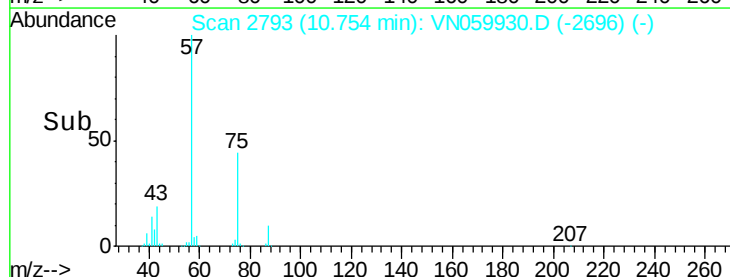
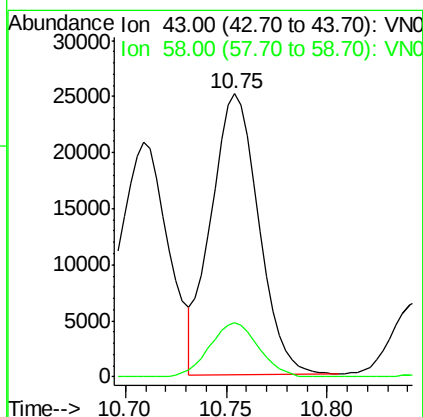
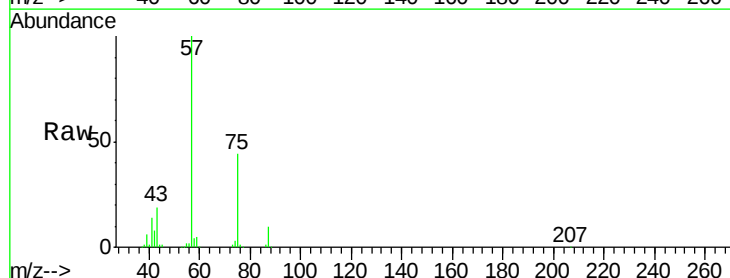
Instrument :  
 MSVOA\_N  
 ClientSampled :

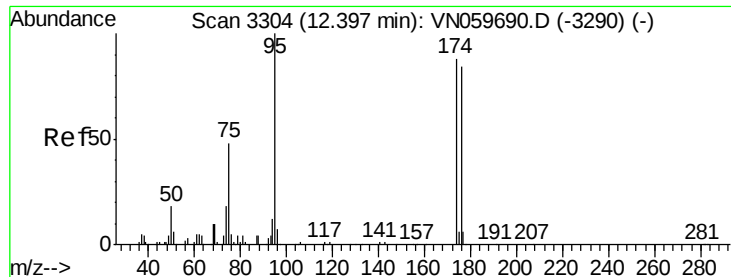
Tot Ion: 76 Resp: 3042  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 25.8 38.8#



#59  
 2-Hexanone  
 Concen: 24.345 ug/l  
 RT: 10.75 min Scan# 2793  
 Delta R.T. 0.01 min  
 Lab File: VN059930.D  
 Acq: 30 Jan 2020 15:45

Tgt Ion: 43 Resp: 41076  
 Ion Ratio Lower Upper  
 43 100  
 58 19.8 25.8 77.3#

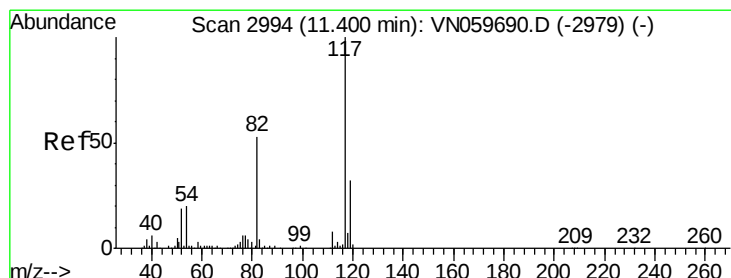
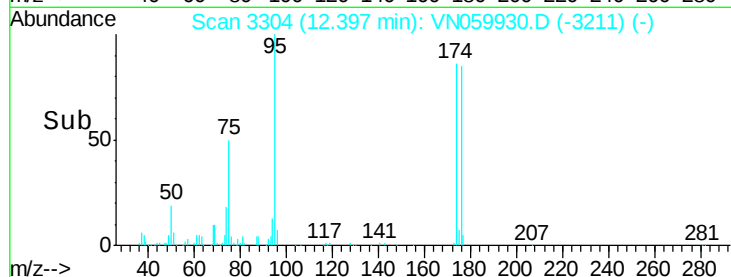
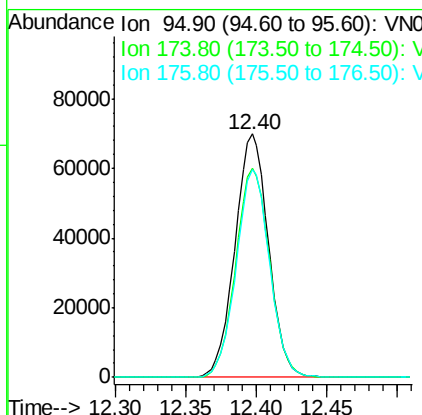
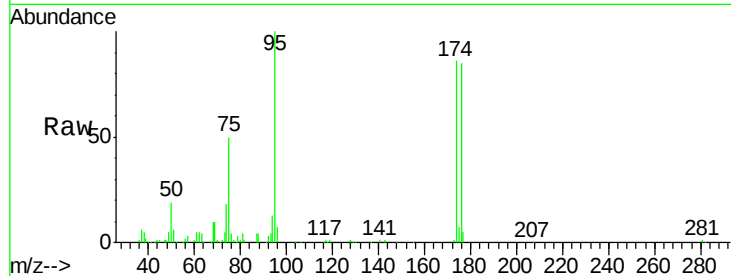




#62  
4-Bromofluorobenzene  
Concen: 49.595 ug/l  
RT: 12.40 min Scan# 3304  
Delta R.T. 0.00 min  
Lab File: VN059930.D  
Acq: 30 Jan 2020 15:45

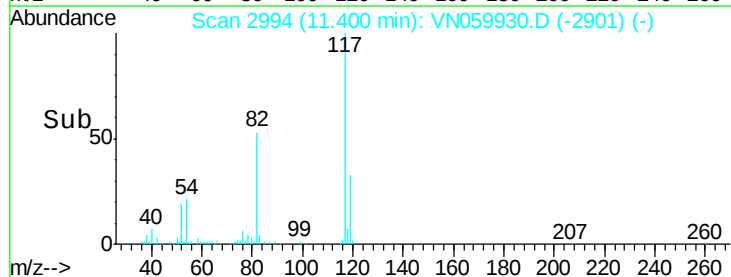
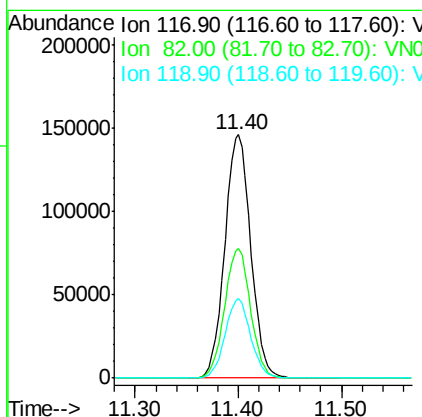
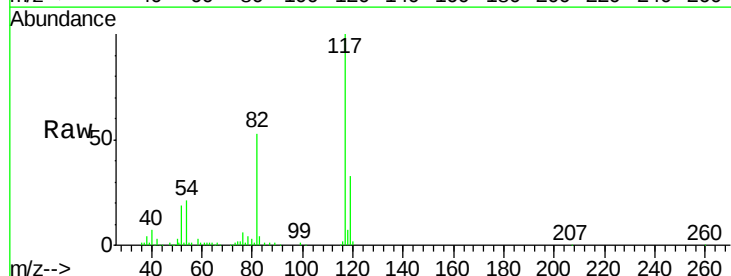
Instrument :  
MSVOA\_N  
ClientSampled :

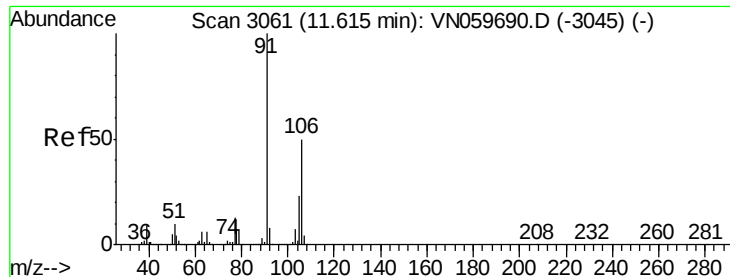
Tot Ion: 95 Resp: 116501  
Ion Ratio Lower Upper  
95 100  
174 86.8 0.0 151.4  
176 85.1 0.0 146.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2994  
Delta R.T. 0.00 min  
Lab File: VN059930.D  
Acq: 30 Jan 2020 15:45

Tgt Ion: 117 Resp: 256239  
Ion Ratio Lower Upper  
117 100  
82 53.5 45.9 68.9  
119 32.5 25.5 38.3





#68

m/p-Xvlenes

Concen: 0.262 ug/l

RT: 11.61 min Scan# 3059

Delta R.T. -0.01 min

Lab File: VN059930.D

Acq: 30 Jan 2020 15:45

Instrument :

MSVOA\_N

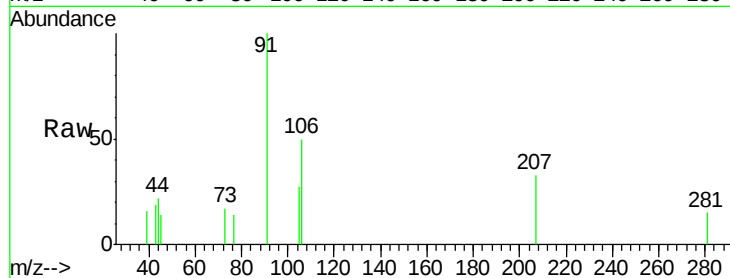
ClientSampled :

Tot Ion:106 Resp: 906

Ion Ratio Lower Upper

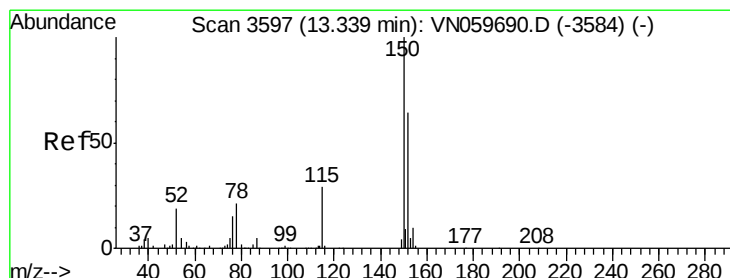
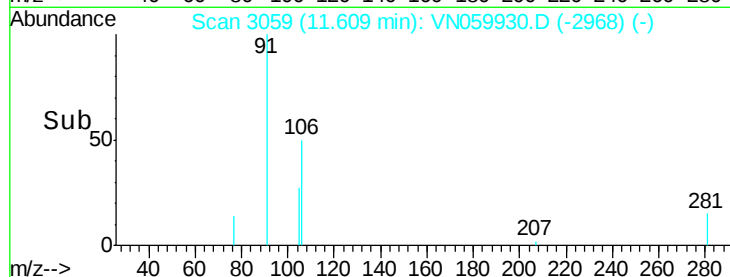
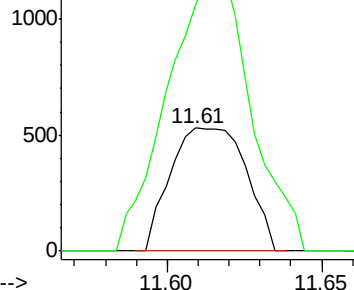
106 100

91 246.7 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059930.D

Acq: 30 Jan 2020 15:45

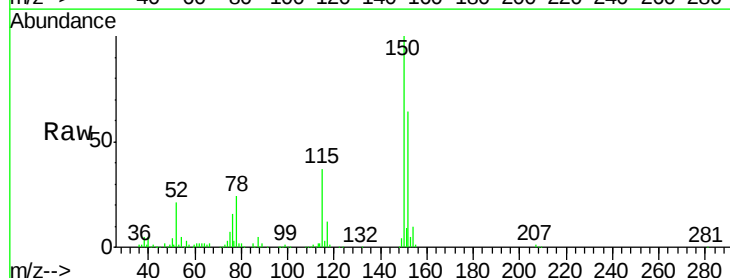
Tgt Ion:152 Resp: 112182

Ion Ratio Lower Upper

152 100

115 57.7 30.3 90.9

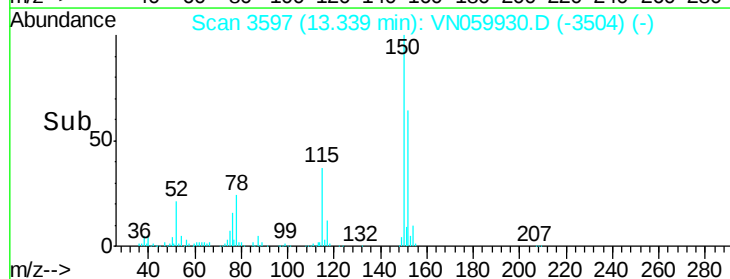
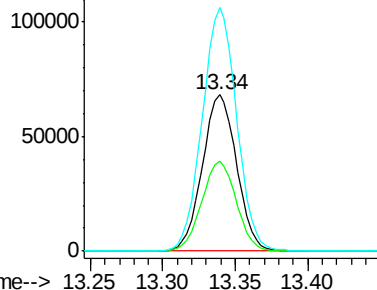
150 156.4 0.0 345.2

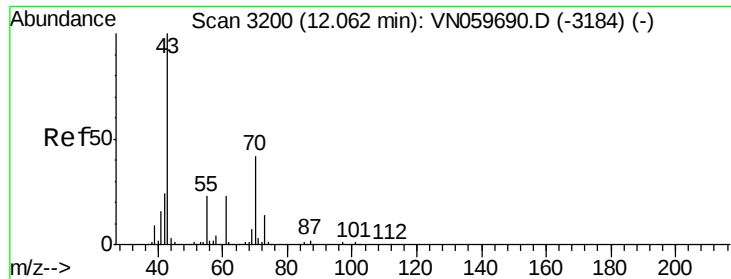


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.531 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.03 min

Lab File: VN059930.D

Acq: 30 Jan 2020 15:45

Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 43 Resp: 1696

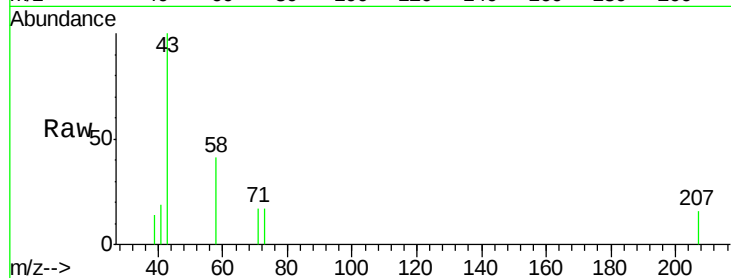
Ion Ratio Lower Upper

43 100

70 0.0 31.3 46.9#

55 0.0 19.8 29.6#

61 0.0 18.3 27.5#

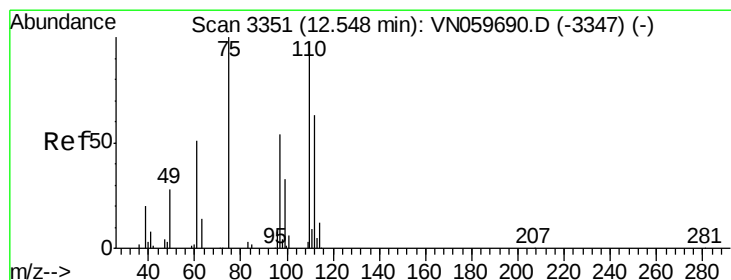
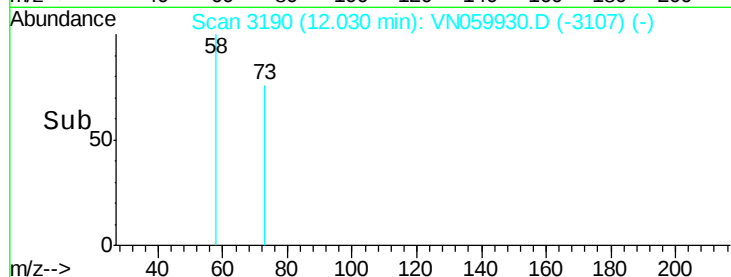
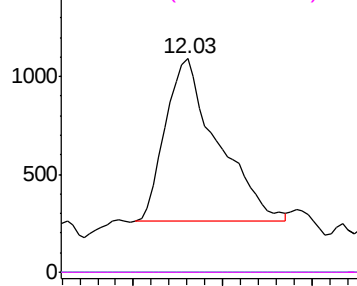


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 30.929 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059930.D

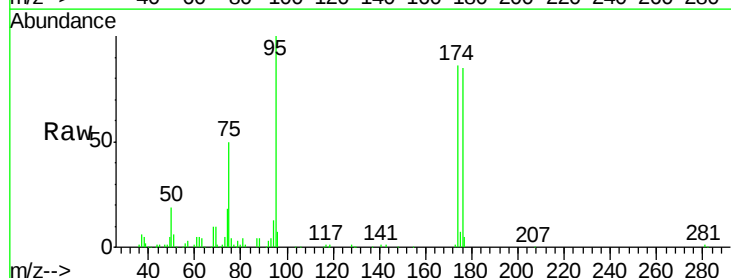
Acq: 30 Jan 2020 15:45

Tgt Ion: 75 Resp: 58392

Ion Ratio Lower Upper

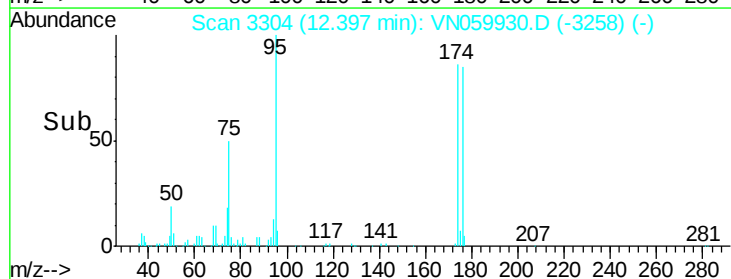
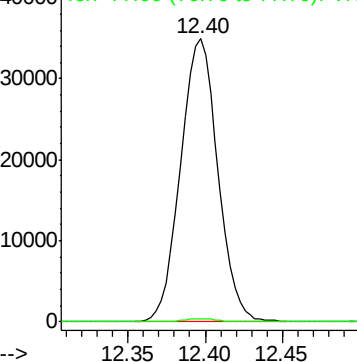
75 100

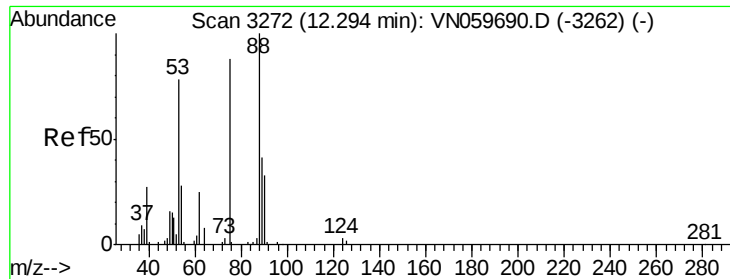
77 0.9 0.0 0.0#



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: 66.421 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN059930.D

Acq: 30 Jan 2020 15:45

Instrument :

MSVOA\_N

ClientSampleId :

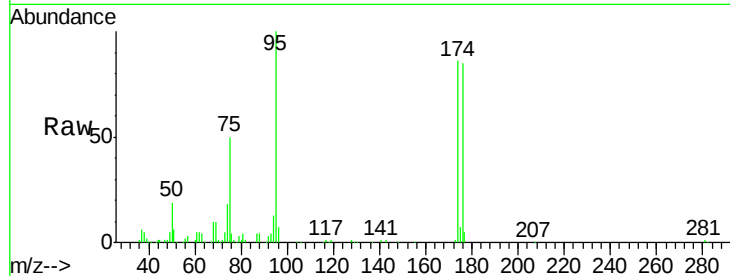
Tot Ion: 75 Resp: 58392

Ion Ratio Lower Upper

75 100

53 0.0 78.1 117.1#

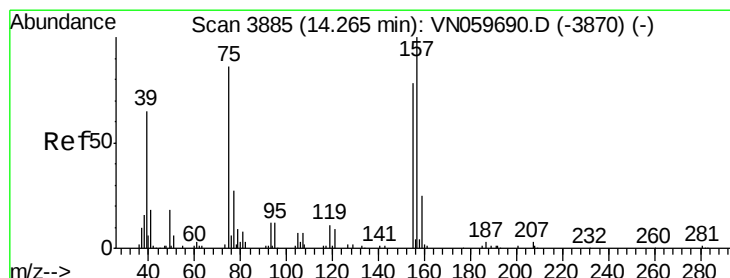
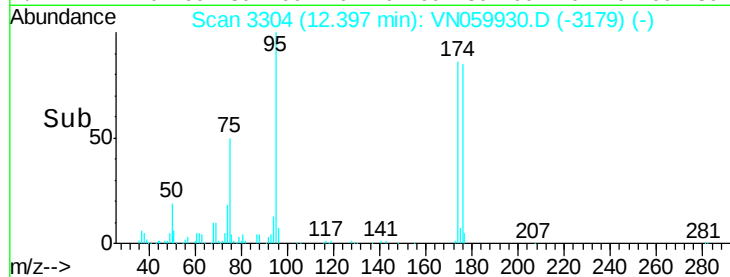
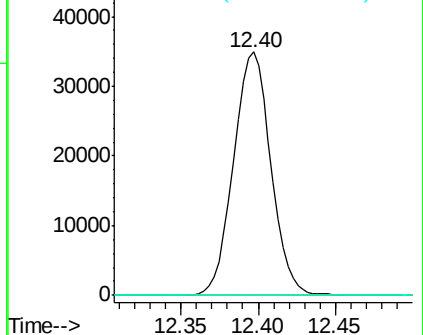
89 0.0 35.4 53.2#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.28 min Scan# 3890

Delta R.T. 0.02 min

Lab File: VN059930.D

Acq: 30 Jan 2020 15:45

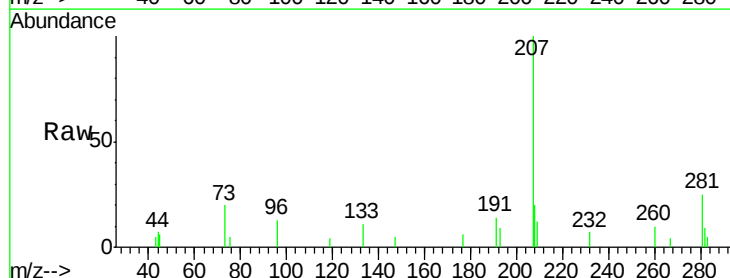
Tgt Ion: 75 Resp: 101

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

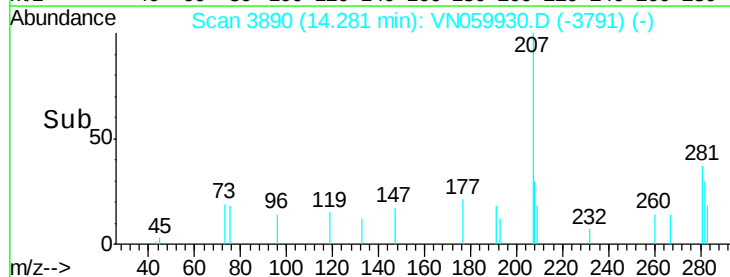
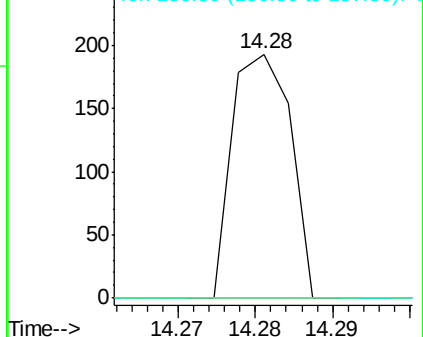
157 0.0 48.4 145.2#

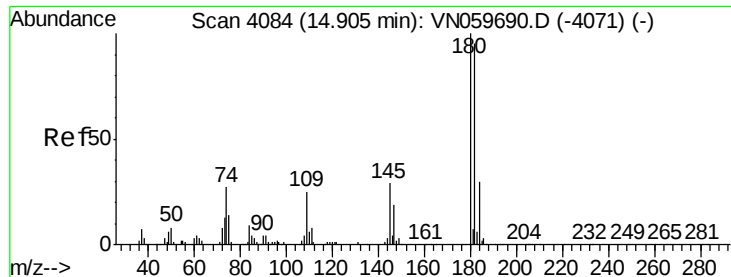


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

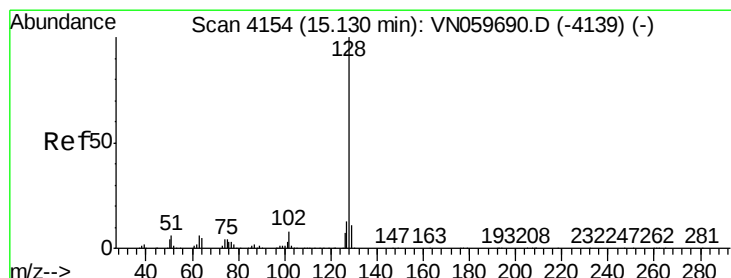
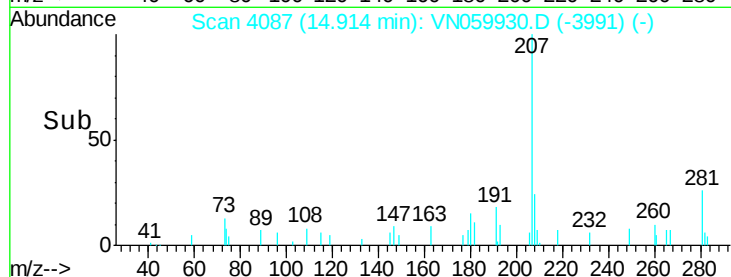
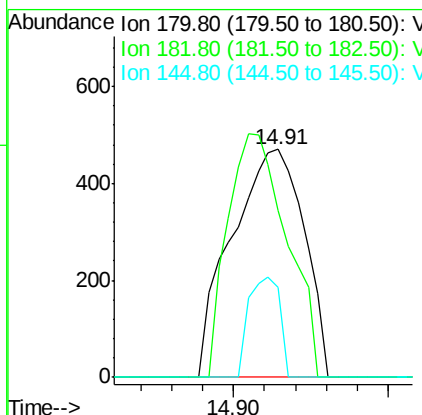
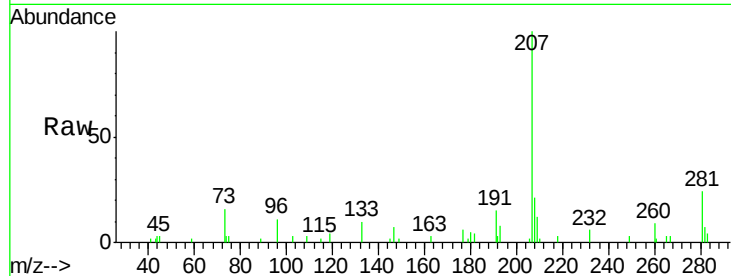




#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.355 ug/l  
 RT: 14.91 min Scan# 4087  
 Delta R.T. 0.01 min  
 Lab File: VN059930.D  
 Acq: 30 Jan 2020 15:45

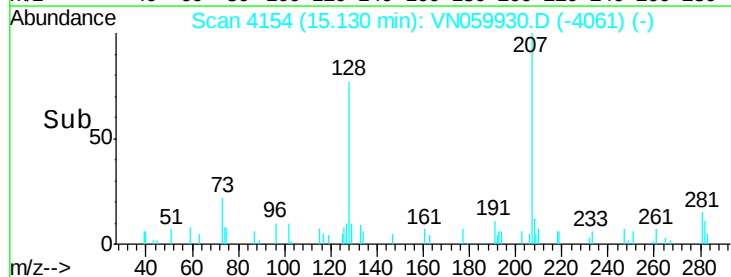
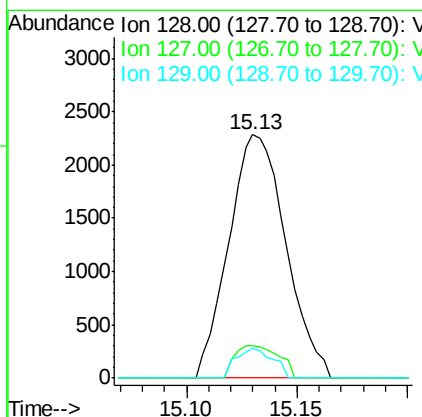
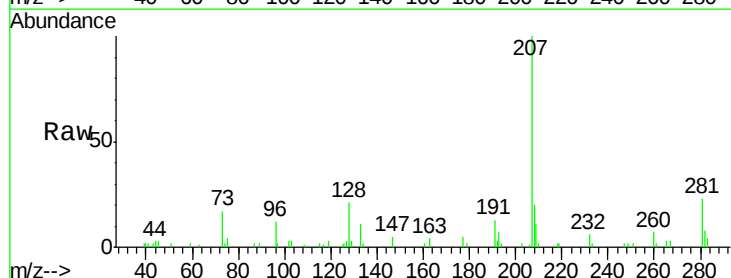
Instrument :  
 MSVOA\_N  
 ClientSampleId :

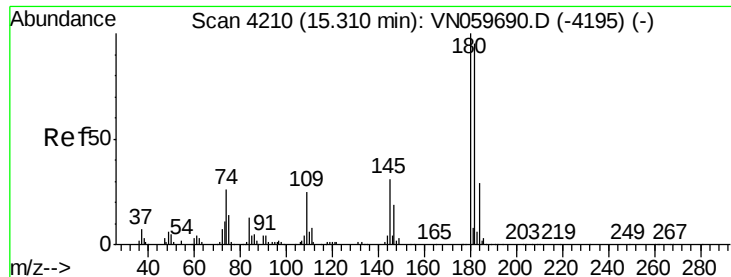
Tot Ion:180 Resp: 764  
 Ion Ratio Lower Upper  
 180 100  
 182 87.2 46.9 140.7  
 145 18.8 15.0 45.1



#95  
 Naphthalene  
 Concen: 0.671 ug/l  
 RT: 15.13 min Scan# 4154  
 Delta R.T. 0.00 min  
 Lab File: VN059930.D  
 Acq: 30 Jan 2020 15:45

Tgt Ion:128 Resp: 4101  
 Ion Ratio Lower Upper  
 128 100  
 127 10.2 10.4 15.6#  
 129 7.9 8.6 12.8#

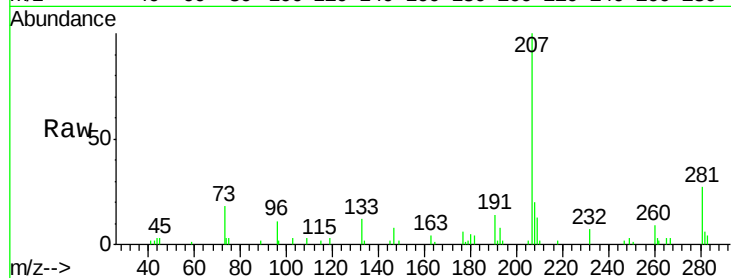




#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.385 ug/l  
 RT: 15.31 min Scan# 4210  
 Delta R.T. 0.00 min  
 Lab File: VN059930.D  
 Acq: 30 Jan 2020 15:45

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 103.3 | 47.4  | 142.3 |
| 145     | 21.7  | 16.3  | 48.9  |



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

