

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022820\  
 Data File : VN060283.D  
 Acq On : 28 Feb 2020 14:41  
 Operator : JC/MD  
 Sample : PB127123ZHE#14  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 29 00:37:12 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N022720W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 27 13:52:50 2020  
 Response via : Initial Calibration

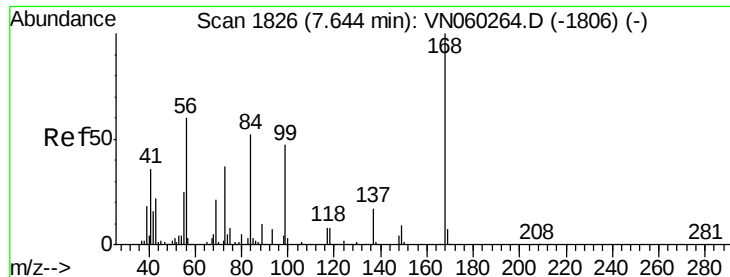
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 208508   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 340006   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 321676   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 155111   | 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   | 134459   | 50.26 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 100.52% |          |
| 35) Dibromofluoromethane    | 7.57  | 113  | 90607    | 57.41 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 114.82% |          |
| 50) Toluene-d8              | 10.08 | 98   | 418216   | 52.36 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 104.72% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 160807   | 53.11 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 106.22% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 11) Tert butyl alcohol         | 4.73  | 59   | 1470     | 3.701     | ug/l # | 73     |
| 12) 1,1-Dichloroethene         | 3.68  | 96   | 62       | Below Cal | #      | 1      |
| 16) Acetone                    | 3.79  | 43   | 8970     | 10.383    | ug/l   | 100    |
| 18) Methyl Acetate             | 4.29  | 43   | 1838     | 0.638     | ug/l # | 64     |
| 20) Methylene Chloride         | 4.52  | 84   | 14268    | 6.014     | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene   | 5.00  | 96   | 67       | Below Cal | #      | 1      |
| 25) 2-Butanone                 | 6.80  | 43   | 7672     | 5.498     | ug/l   | 95     |
| 31) Cyclohexane                | 7.64  | 56   | 4573     | Below Cal | #      | 1      |
| 36) 1,1-Dichloropropene        | 7.64  | 75   | 15928    | 4.915     | ug/l # | 49     |
| 37) Ethyl Acetate              | 6.80  | 43   | 7672     | 2.500     | ug/l # | 68     |
| 38) Carbon Tetrachloride       | 7.64  | 117  | 19809    | 6.279     | ug/l # | 16     |
| 43) Isopropyl Acetate          | 8.14  | 43   | 53853    | 10.026    | ug/l # | 91     |
| 45) 1,2-Dichloropropane        | 9.25  | 63   | 1098     | 0.445     | ug/l # | 44     |
| 48) Methyl methacrylate        | 9.15  | 41   | 3449     | 1.408     | ug/l # | 13     |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 3596     | 1.181     | ug/l   | 95     |
| 52) Toluene                    | 10.14 | 92   | 1219     | 0.206     | ug/l   | 85     |
| 54) cis-1,3-Dichloropropene    | 9.89  | 75   | 22807    | 5.520     | ug/l # | 59     |
| 57) 1,3-Dichloropropane        | 10.75 | 76   | 3960     | 1.019     | ug/l # | 42     |
| 59) 2-Hexanone                 | 10.75 | 43   | 59093    | 26.426    | ug/l # | 56     |
| 74) N-amyl acetate             | 12.02 | 43   | 4526     | 0.901     | ug/l # | 44     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 83989    | 24.680    | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 2358     | 0.244     | ug/l   | 95     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 83989    | 68.128    | ug/l # | 8      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 206      | Below Cal | #      | 25     |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 198      | Below Cal | #      | 25     |
| 92) 1,2-Dibromo-3-Chloropropan | 14.26 | 75   | 254      | 0.359     | ug/l # | 3      |
| 95) Naphthalene                | 15.12 | 128  | 511      | Below Cal | #      | 69     |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060283.D

Acq: 28 Feb 2020 14:41

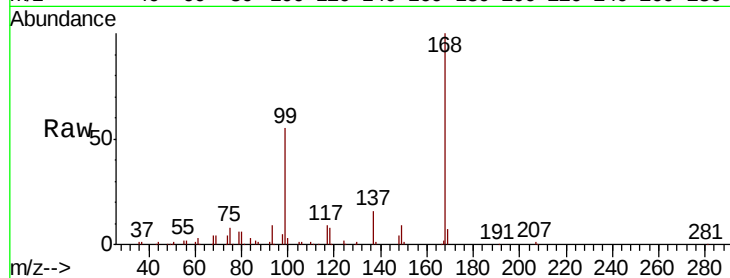
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 208508

Ion Ratio Lower Upper

168 100

99 55.4 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

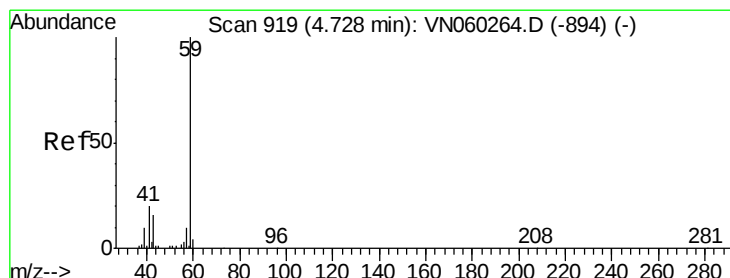
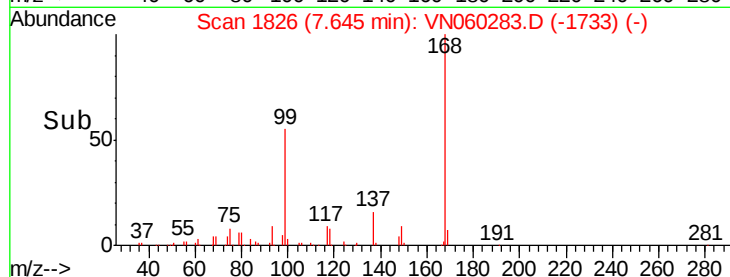
40000

20000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 3.701 ug/l

RT: 4.73 min Scan# 921

Delta R.T. 0.01 min

Lab File: VN060283.D

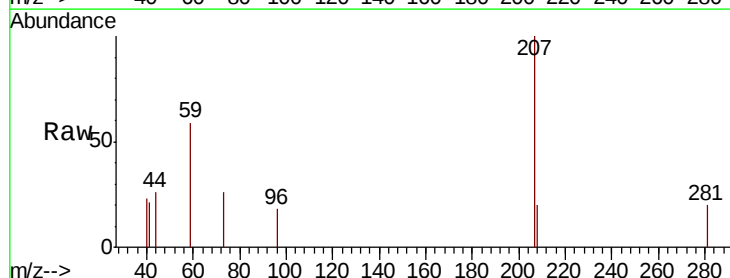
Acq: 28 Feb 2020 14:41

Tgt Ion: 59 Resp: 1470

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.73

600

500

400

300

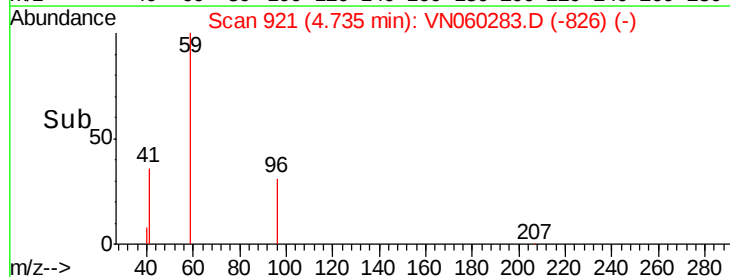
200

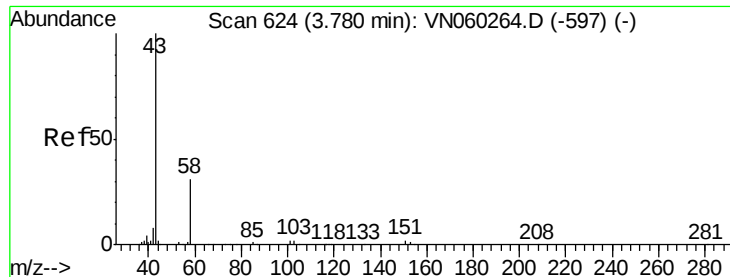
100

0

4.65 4.70 4.75 4.80

Time-->





#16

Acetone

Concen: 10.383 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060283.D

Acq: 28 Feb 2020 14:41

Instrument :

MSVOA\_N

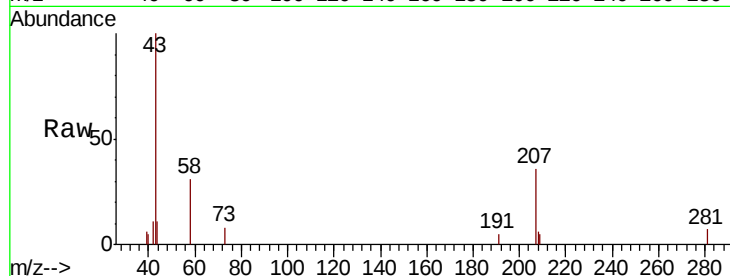
ClientSampleId :

Tot Ion: 43 Resp: 8970

Ion Ratio Lower Upper

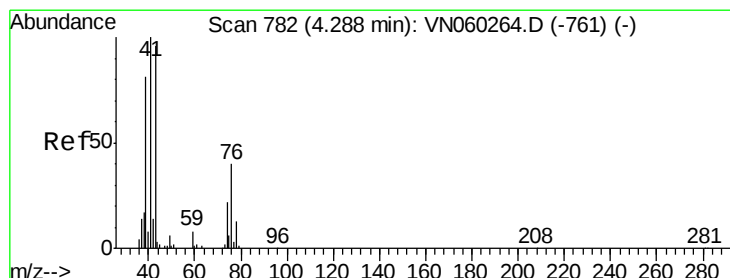
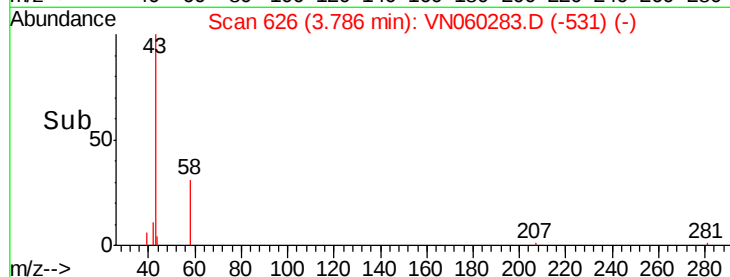
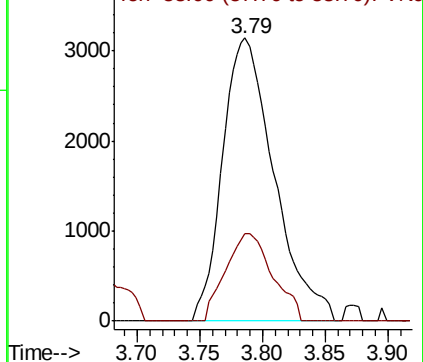
43 100

58 30.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060264.D (-597) (-)



#18

Methyl Acetate

Concen: 0.638 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.01 min

Lab File: VN060283.D

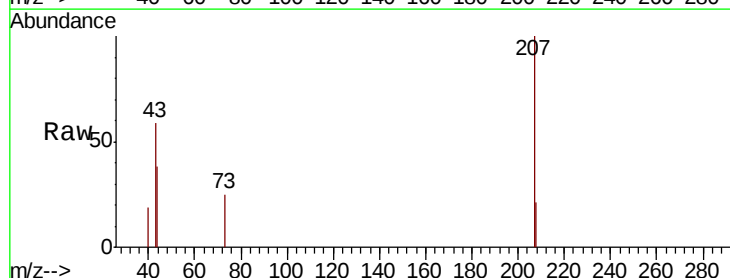
Acq: 28 Feb 2020 14:41

Tgt Ion: 43 Resp: 1838

Ion Ratio Lower Upper

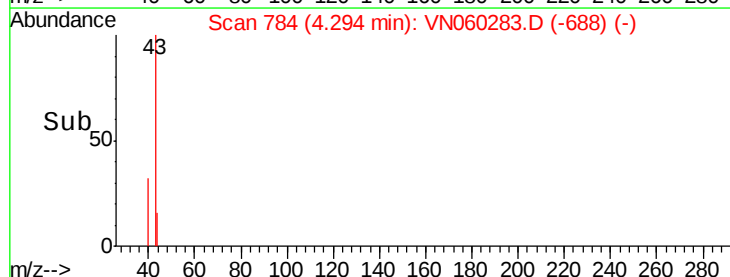
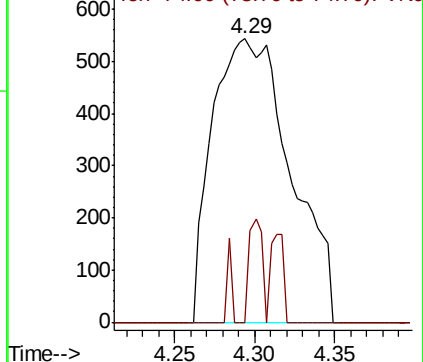
43 100

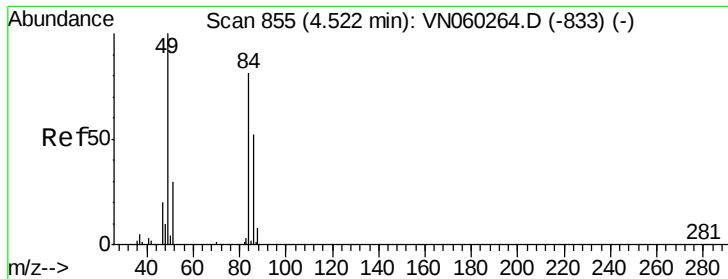
74 5.8 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-761) (-)

Ion 74.00 (73.70 to 74.70): VN060264.D (-761) (-)

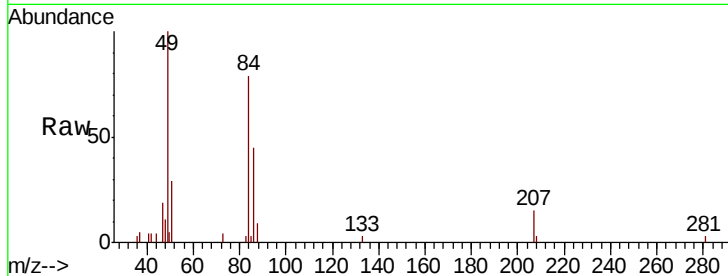




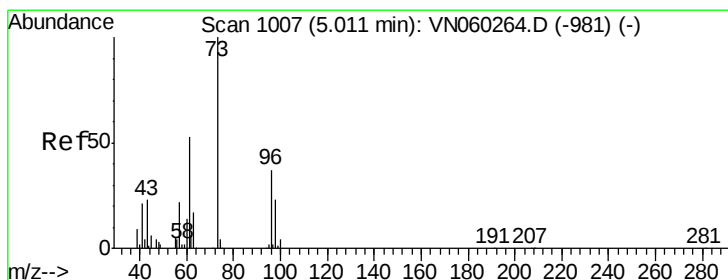
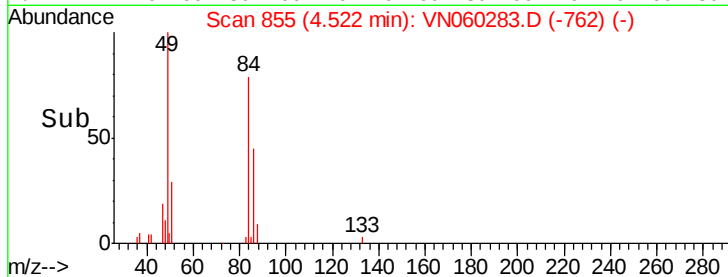
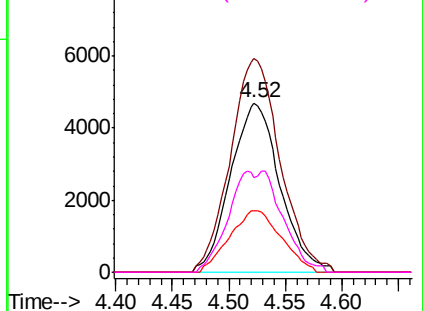
#20  
Methylene Chloride  
Concen: 6.014 ug/l  
RT: 4.52 min Scan# 855  
Delta R.T. 0.00 min  
Lab File: VN060283.D  
Acq: 28 Feb 2020 14:41

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 84 Resp: 14268  
Ion Ratio Lower Upper  
84 100  
49 126.2 99.3 148.9  
51 36.4 30.1 45.1  
86 56.1 51.1 76.7

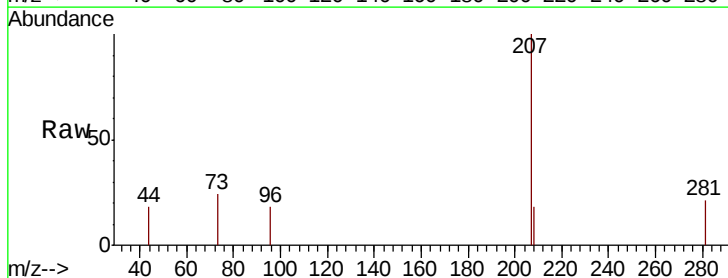


Abundance Ion 83.90 (83.60 to 84.60): VN0  
Ion 48.90 (48.60 to 49.60): VN0  
Ion 50.90 (50.60 to 51.60): VN0  
Ion 85.90 (85.60 to 86.60): VN0

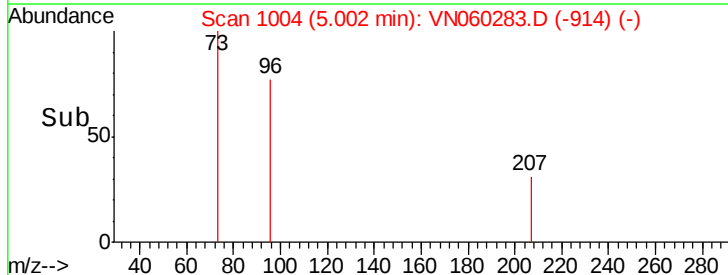
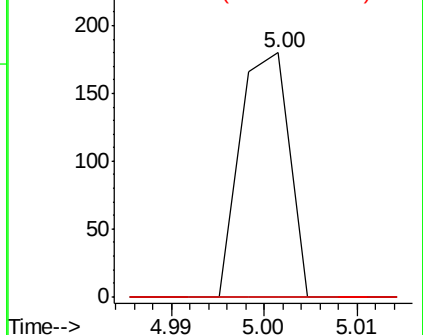


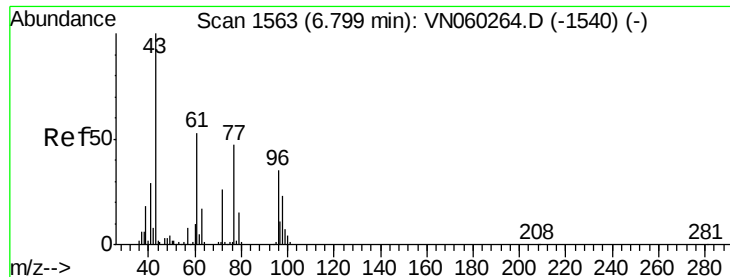
#21  
trans-1,2-Dichloroethene  
Concen: Below Cal  
RT: 5.00 min Scan# 1004  
Delta R.T. -0.01 min  
Lab File: VN060283.D  
Acq: 28 Feb 2020 14:41

Tgt Ion: 96 Resp: 67  
Ion Ratio Lower Upper  
96 100  
61 0.0 113.8 170.8#  
98 0.0 48.8 73.2#



Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0





#25

2-Butanone

Concen: 5.498 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN060283.D

Acq: 28 Feb 2020 14:41

Instrument :

MSVOA\_N

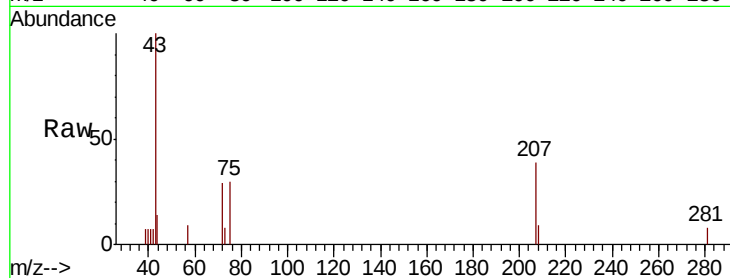
ClientSampled :

Tot Ion: 43 Resp: 7672

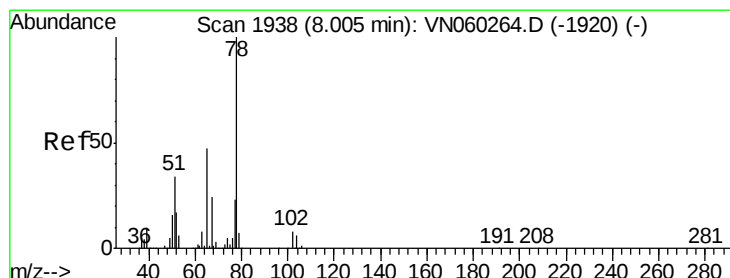
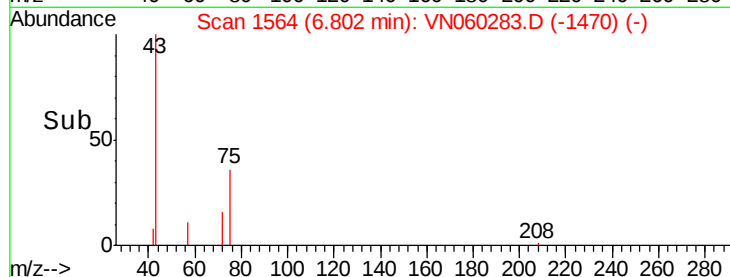
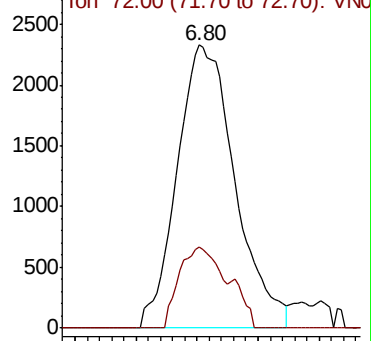
Ion Ratio Lower Upper

43 100

72 28.7 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1540) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.262 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060283.D

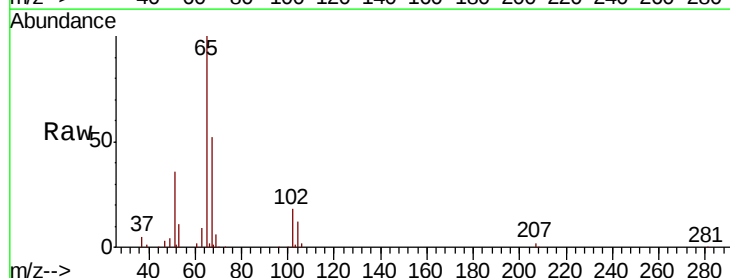
Acq: 28 Feb 2020 14:41

Tgt Ion: 65 Resp: 134459

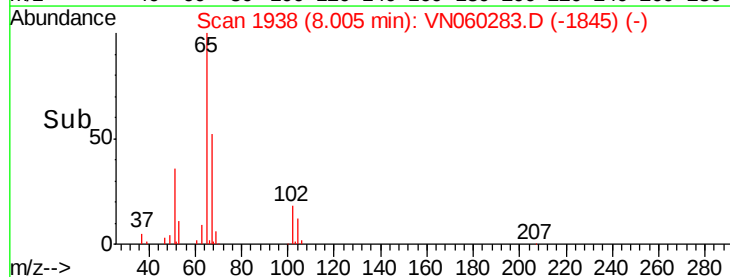
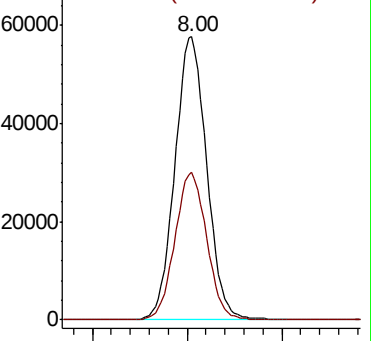
Ion Ratio Lower Upper

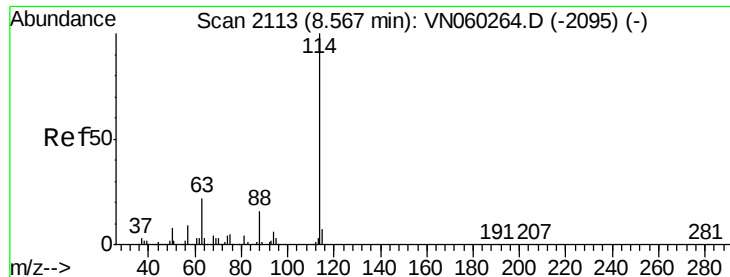
65 100

67 52.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN060264.D (-1920) (-)

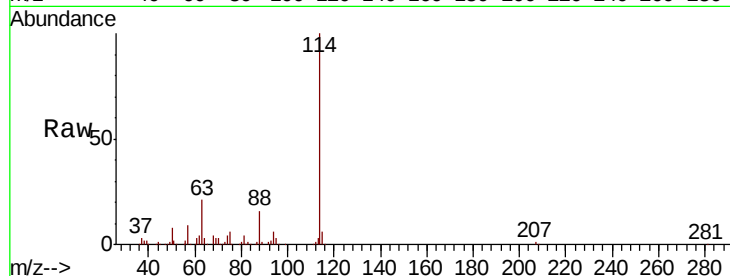




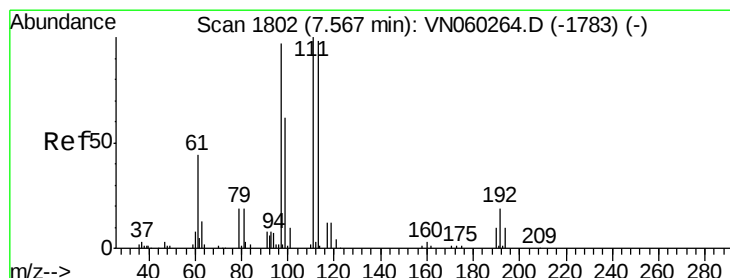
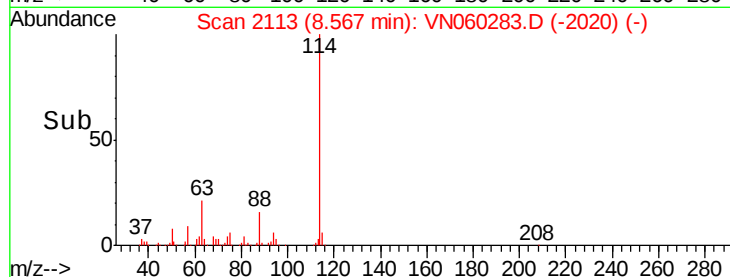
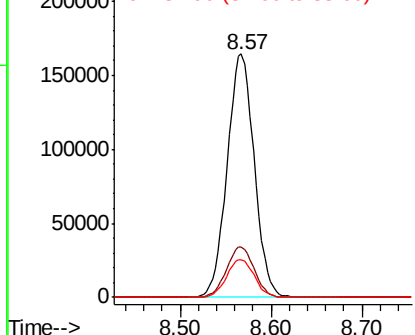
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VN060283.D  
 Acq: 28 Feb 2020 14:41

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 20.9  | 0.0   | 43.2  |
| 88      | 15.6  | 0.0   | 31.6  |

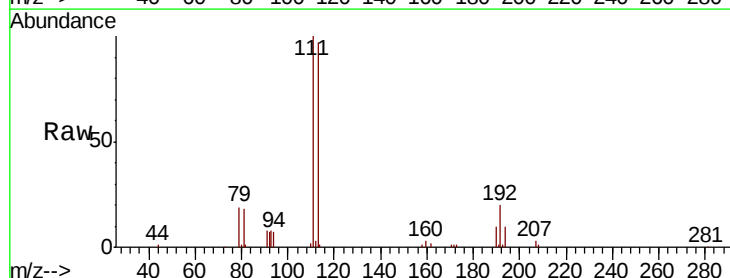


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VN  
 Ion 87.90 (87.60 to 88.60): VN

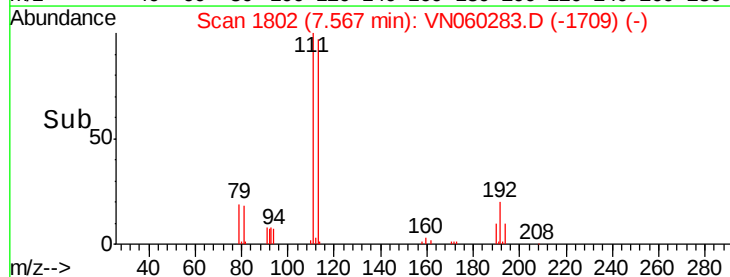
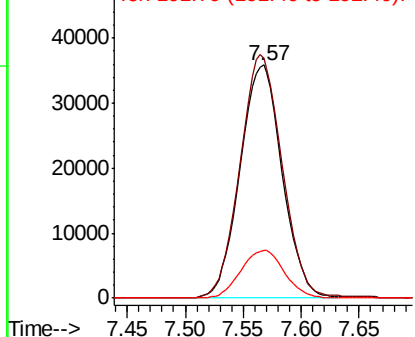


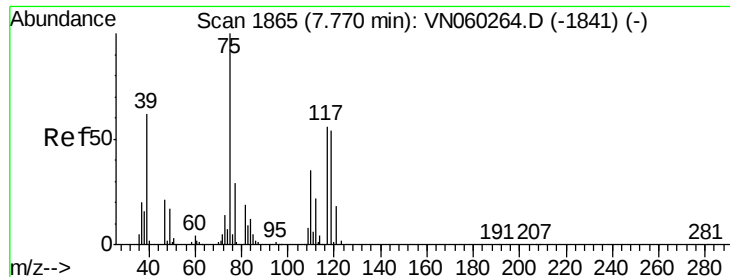
#35  
 Dibromofluoromethane  
 Concen: 57.412 ug/l  
 RT: 7.57 min Scan# 1802  
 Delta R.T. 0.00 min  
 Lab File: VN060283.D  
 Acq: 28 Feb 2020 14:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 104.7 | 82.4  | 123.6 |
| 192     | 21.2  | 16.2  | 24.2  |



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: 4.915 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.13 min

Lab File: VN060283.D

Acq: 28 Feb 2020 14:41

Instrument :

MSVOA\_N

ClientSampleId :

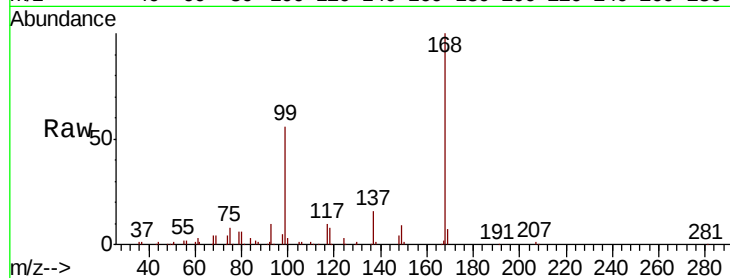
Tot Ion: 75 Resp: 15928

Ion Ratio Lower Upper

75 100

110 7.6 17.3 52.0#

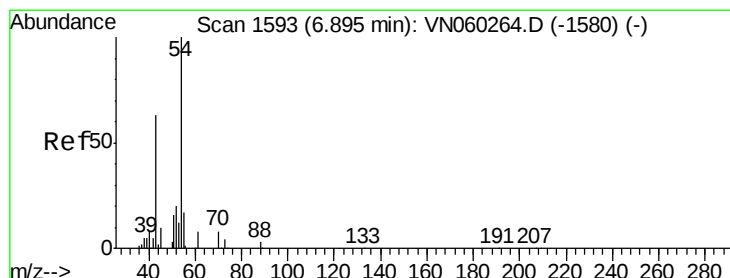
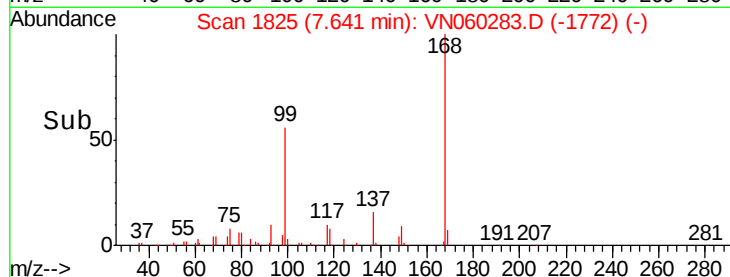
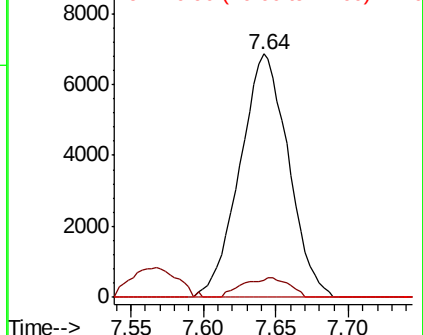
77 0.0 24.2 36.2#



Abundance Ion 74.90 (74.60 to 75.60): VN060283.D (-1772) (-)

Ion 109.90 (109.60 to 110.60): VN060283.D (-1772) (-)

Ion 76.90 (76.60 to 77.60): VN060283.D (-1772) (-)



#37

Ethyl Acetate

Concen: 2.500 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.09 min

Lab File: VN060283.D

Acq: 28 Feb 2020 14:41

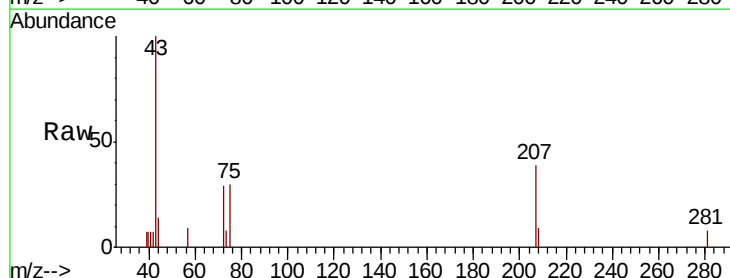
Tgt Ion: 43 Resp: 7672

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

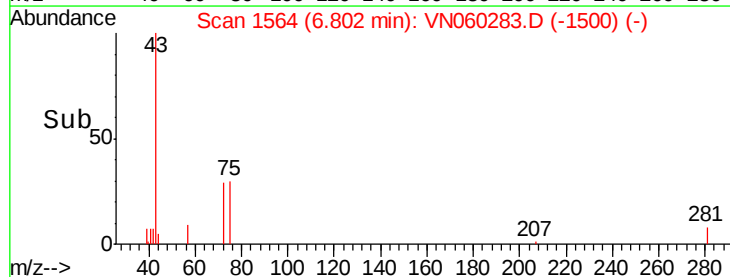
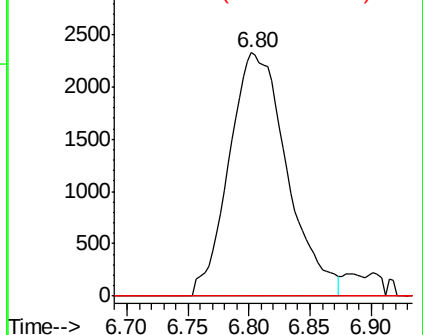
70 0.0 8.4 12.6#

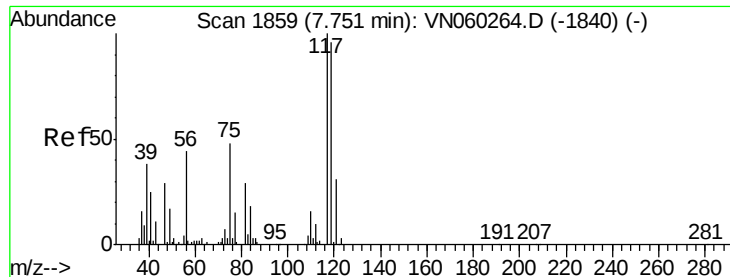


Abundance Ion 43.00 (42.70 to 43.70): VN060283.D (-1500) (-)

Ion 60.90 (60.60 to 61.60): VN060283.D (-1500) (-)

Ion 70.00 (69.70 to 70.70): VN060283.D (-1500) (-)

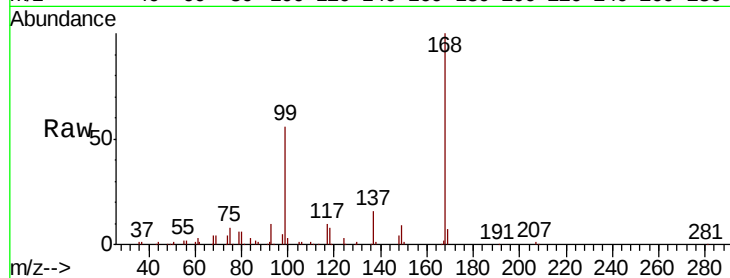




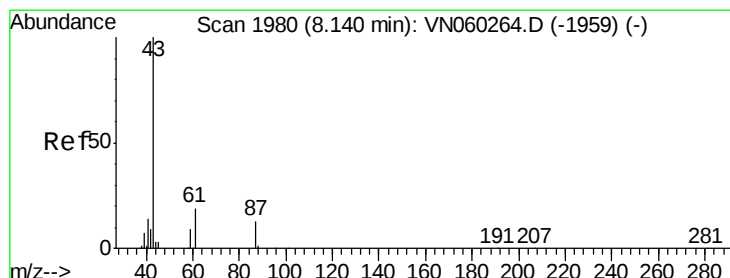
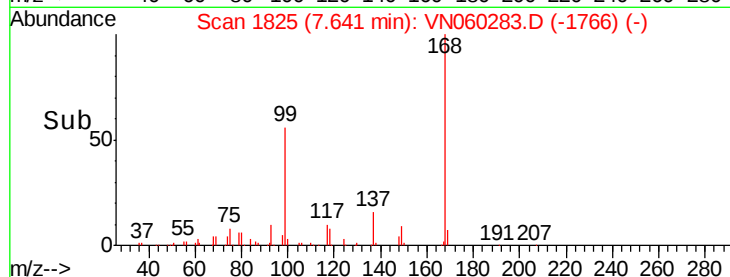
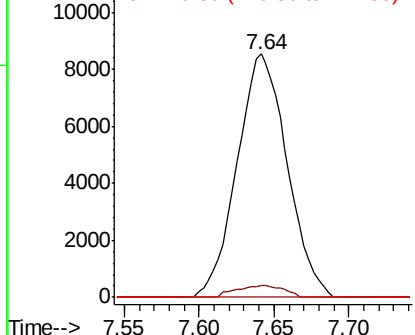
#38  
Carbon Tetrachloride  
Concen: 6.279 ug/l  
RT: 7.64 min Scan# 1825  
Delta R.T. -0.11 min  
Lab File: VN060283.D  
Acq: 28 Feb 2020 14:41

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:117 Resp: 19809  
Ion Ratio Lower Upper  
117 100  
119 4.7 76.7 115.1#  
121 0.0 24.5 36.7#

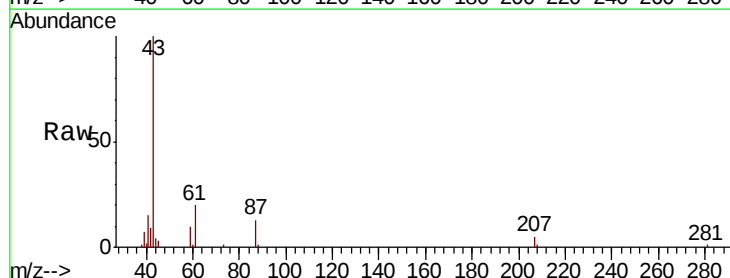


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

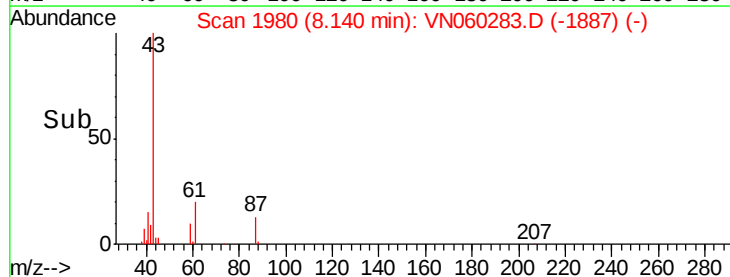
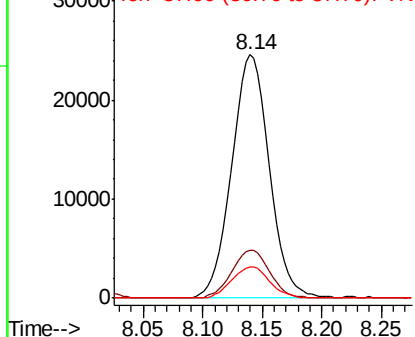


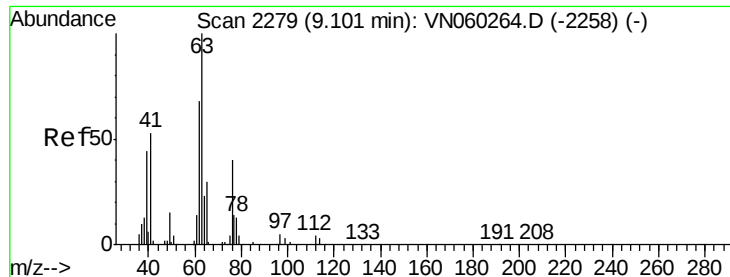
#43  
Isopropyl Acetate  
Concen: 10.026 ug/l  
RT: 8.14 min Scan# 1980  
Delta R.T. 0.00 min  
Lab File: VN060283.D  
Acq: 28 Feb 2020 14:41

Tgt Ion: 43 Resp: 53853  
Ion Ratio Lower Upper  
43 100  
61 19.8 20.9 31.3#  
87 12.7 10.6 16.0



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: 0.445 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.15 min

Lab File: VN060283.D

Acq: 28 Feb 2020 14:41

Instrument :

MSVOA\_N

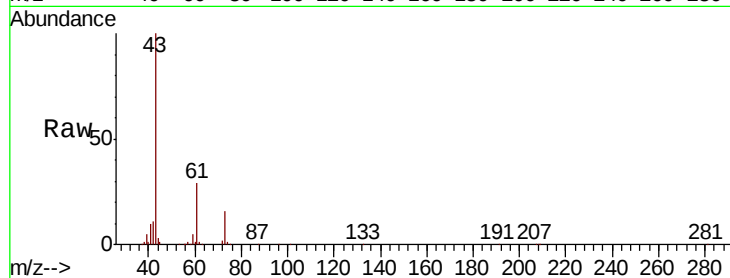
ClientSampleId :

Tot Ion: 63 Resp: 1098

Ion Ratio Lower Upper

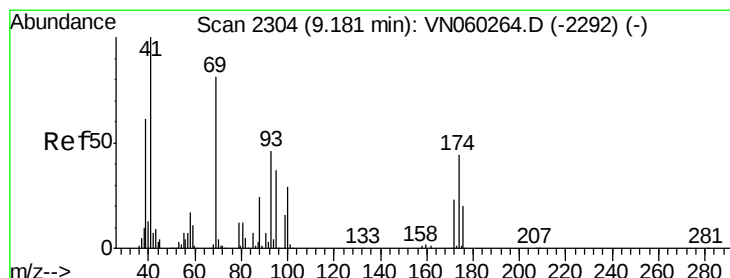
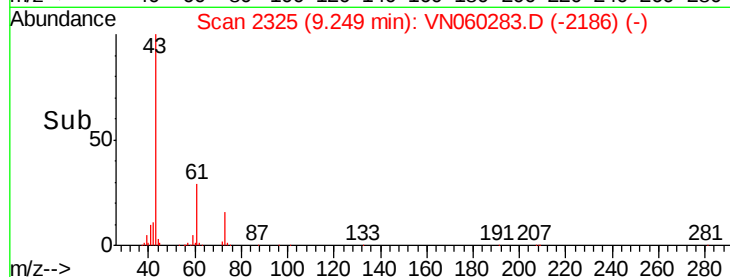
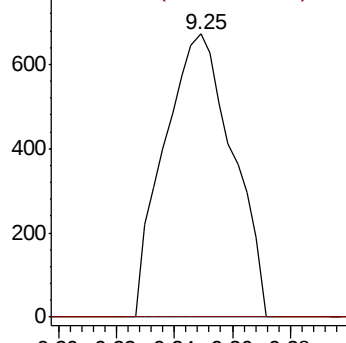
63 100

65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 1.408 ug/l

RT: 9.15 min Scan# 2295

Delta R.T. -0.03 min

Lab File: VN060283.D

Acq: 28 Feb 2020 14:41

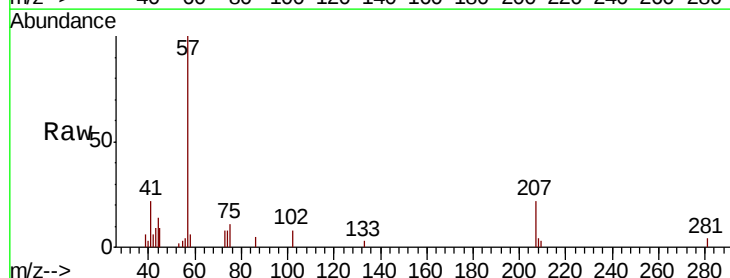
Tgt Ion: 41 Resp: 3449

Ion Ratio Lower Upper

41 100

69 0.0 66.7 100.1#

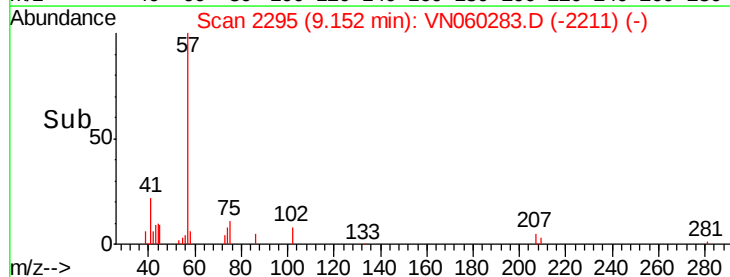
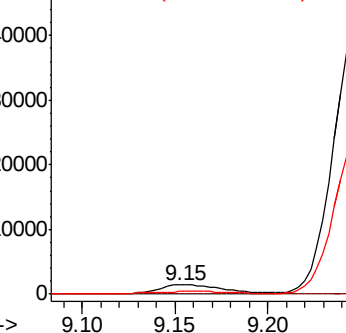
39 0.0 50.1 75.1#

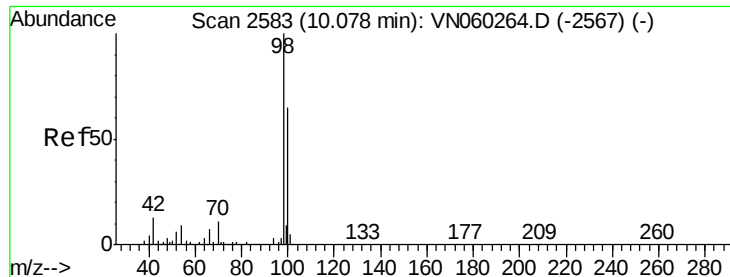


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 52.359 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060283.D

Acq: 28 Feb 2020 14:41

Instrument :

MSVOA\_N

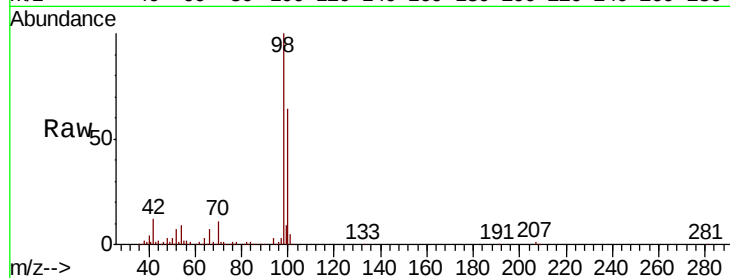
ClientSampled :

Tot Ion: 98 Resp: 418216

Ion Ratio Lower Upper

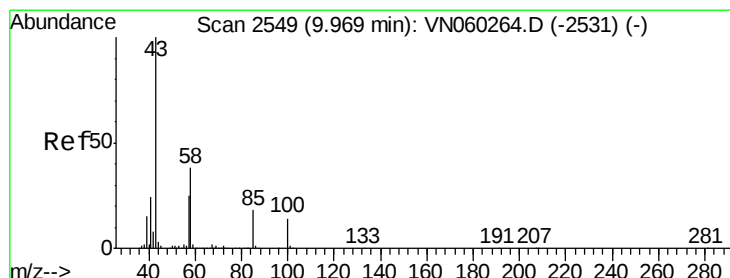
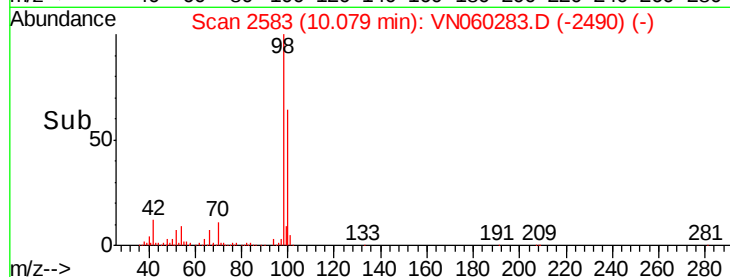
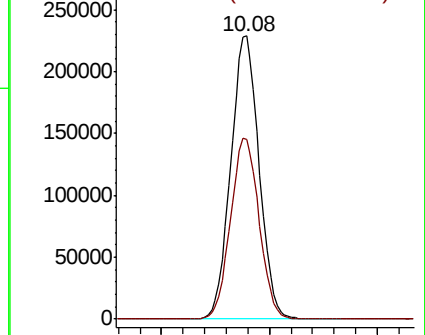
98 100

100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 1.181 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060283.D

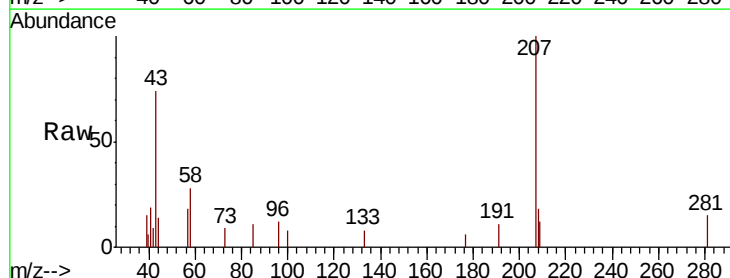
Acq: 28 Feb 2020 14:41

Tgt Ion: 43 Resp: 3596

Ion Ratio Lower Upper

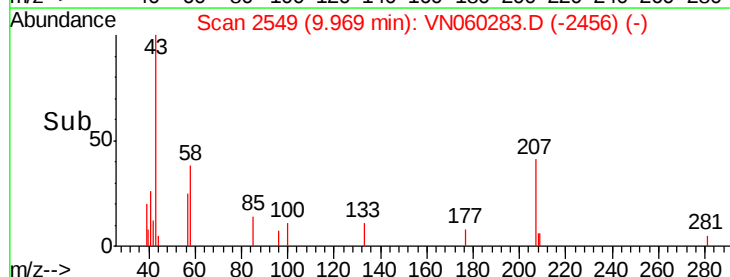
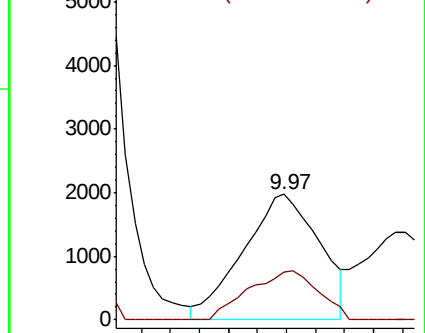
43 100

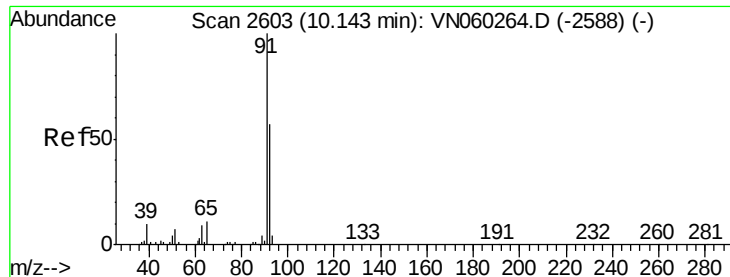
58 35.8 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#52

Toluene

Concen: 0.206 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060283.D

Acq: 28 Feb 2020 14:41

Instrument :

MSVOA\_N

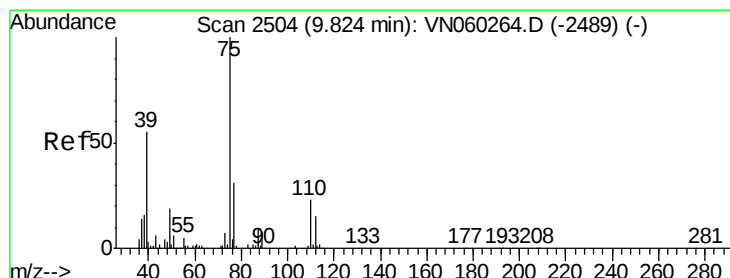
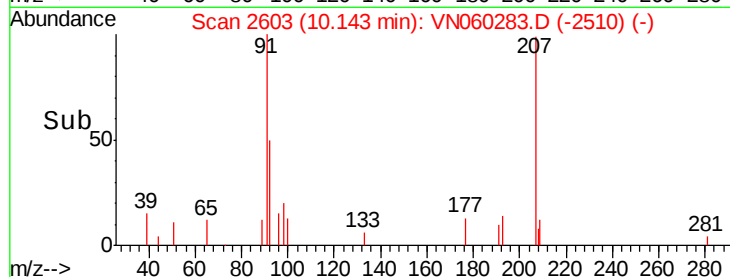
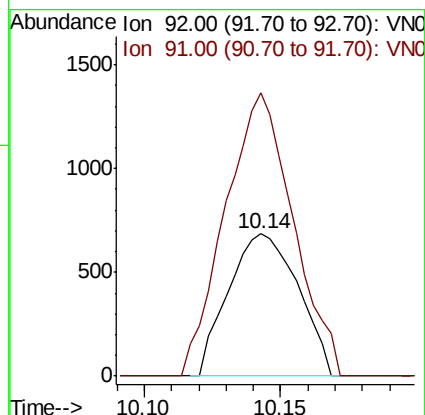
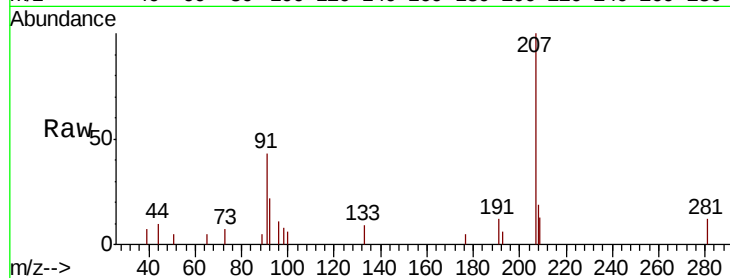
ClientSampled :

Tot Ion: 92 Resp: 1219

Ion Ratio Lower Upper

92 100

91 193.4 138.1 207.1



#54

cis-1,3-Dichloropropene

Concen: 5.520 ug/l

RT: 9.89 min Scan# 2524

Delta R.T. 0.06 min

Lab File: VN060283.D

Acq: 28 Feb 2020 14:41

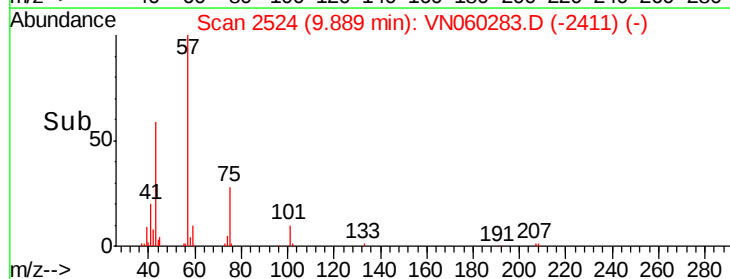
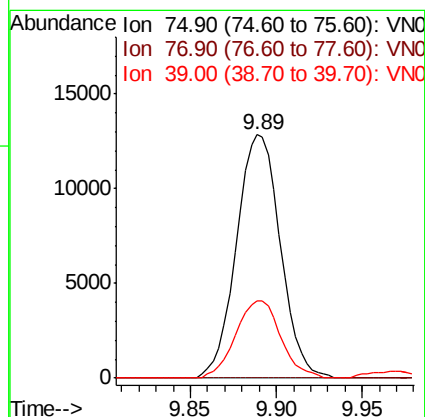
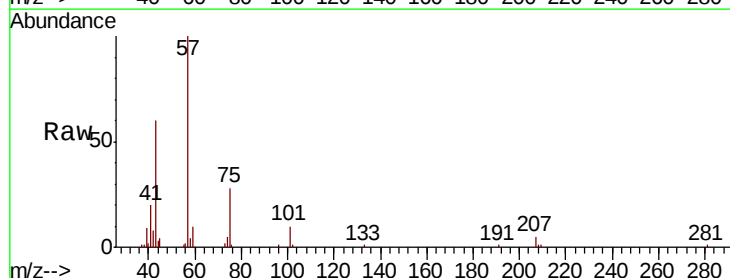
Tgt Ion: 75 Resp: 22807

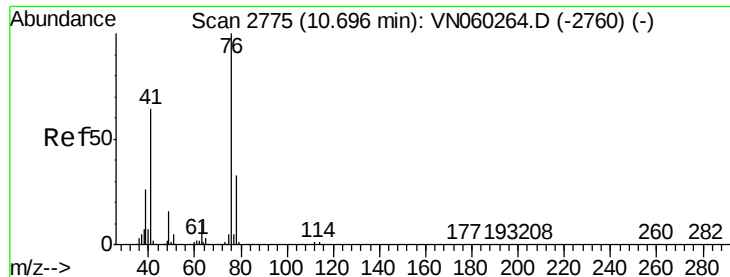
Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

39 31.8 43.8 65.8#





#57

1,3-Dichloropropane

Concen: 1.019 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN060283.D

Acq: 28 Feb 2020 14:41

Instrument :

MSVOA\_N

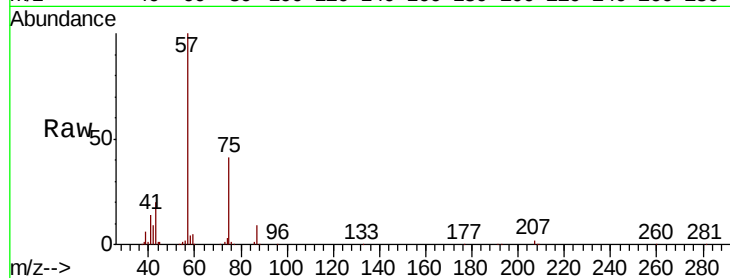
ClientSampled :

Tot Ion: 76 Resp: 3960

Ion Ratio Lower Upper

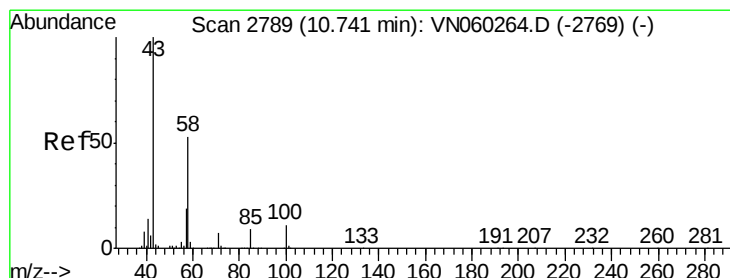
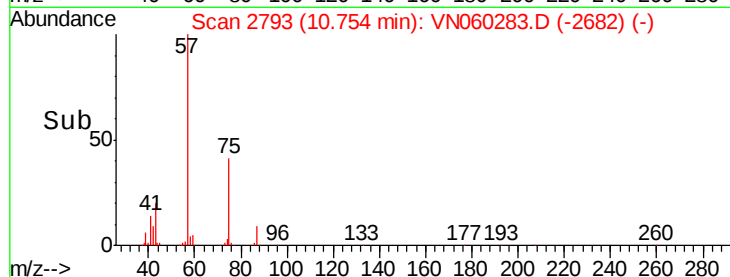
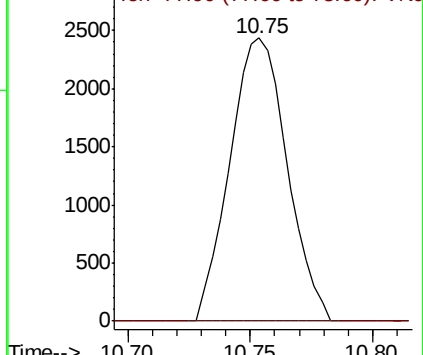
76 100

78 0.0 26.2 39.2#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 26.426 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.01 min

Lab File: VN060283.D

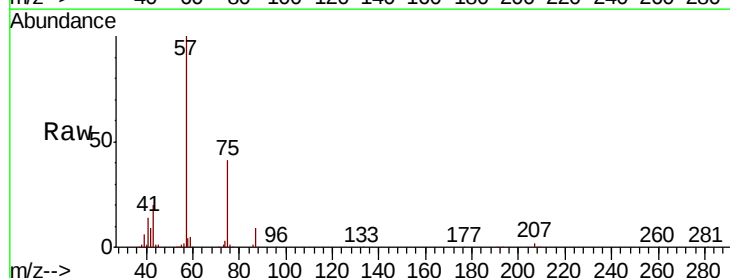
Acq: 28 Feb 2020 14:41

Tgt Ion: 43 Resp: 59093

Ion Ratio Lower Upper

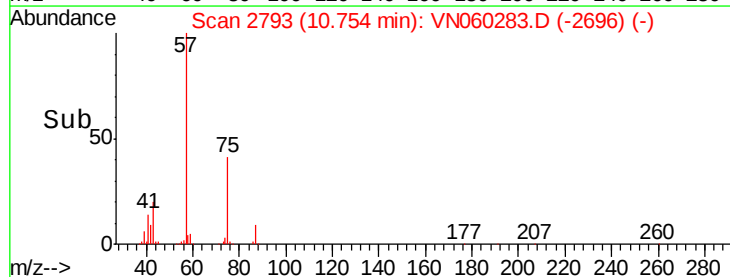
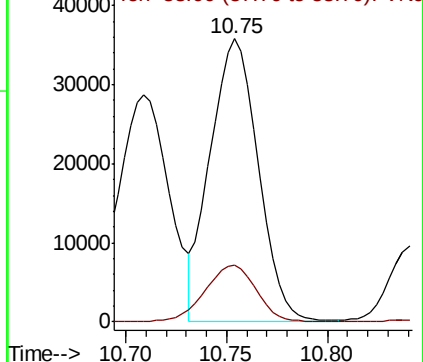
43 100

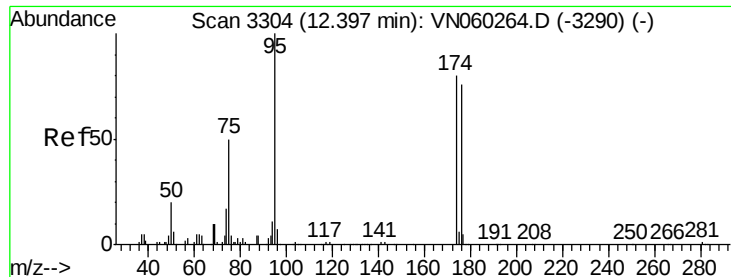
58 21.5 26.5 79.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 53.109 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060283.D

Acq: 28 Feb 2020 14:41

Instrument :

MSVOA\_N

ClientSampled :

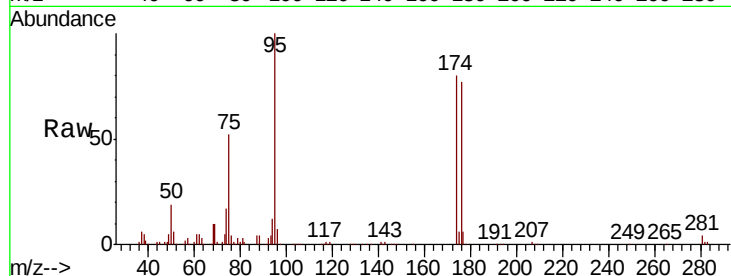
Tot Ion: 95 Resp: 160807

Ion Ratio Lower Upper

95 100

174 80.1 0.0 159.2

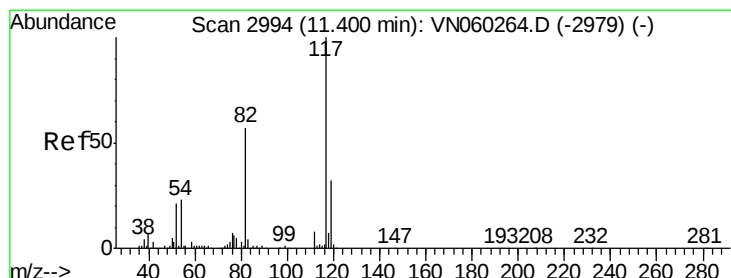
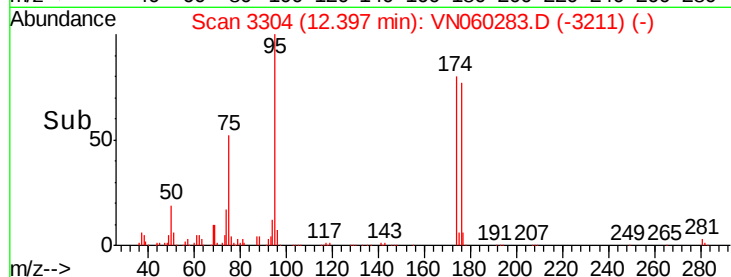
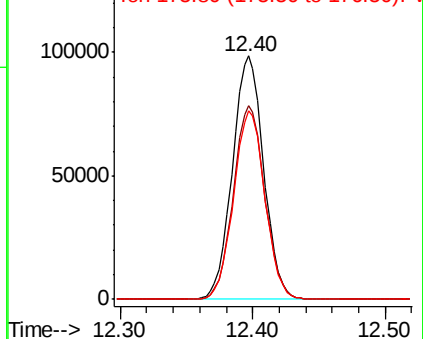
176 77.9 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060283.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060283.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060283.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060283.D

Acq: 28 Feb 2020 14:41

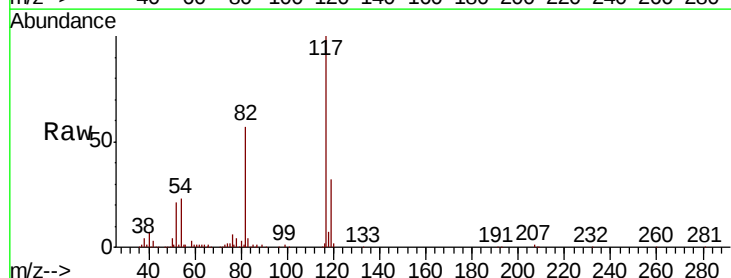
Tgt Ion: 117 Resp: 321676

Ion Ratio Lower Upper

117 100

82 56.6 45.8 68.6

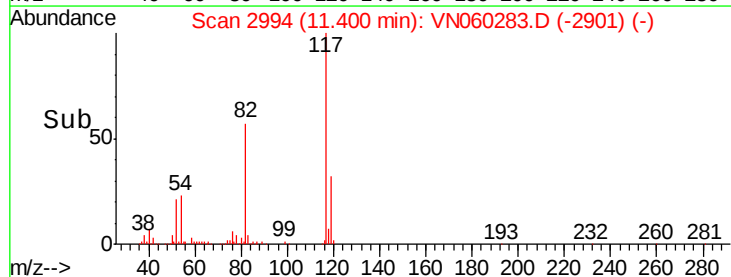
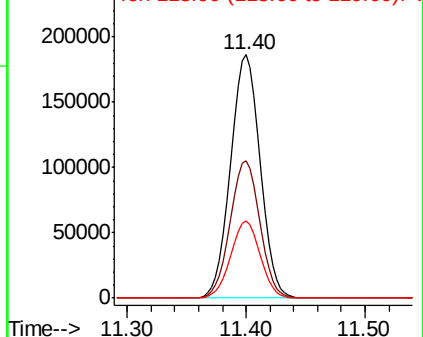
119 31.6 25.8 38.8

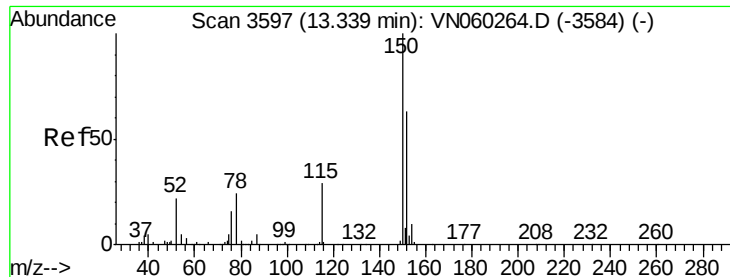


Abundance Ion 116.90 (116.60 to 117.60): VN060283.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060283.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060283.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060283.D

Acq: 28 Feb 2020 14:41

Instrument :

MSVOA\_N

ClientSampled :

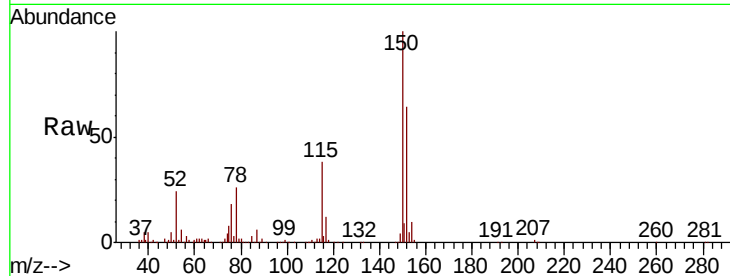
Tot Ion:152 Resp: 155111

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

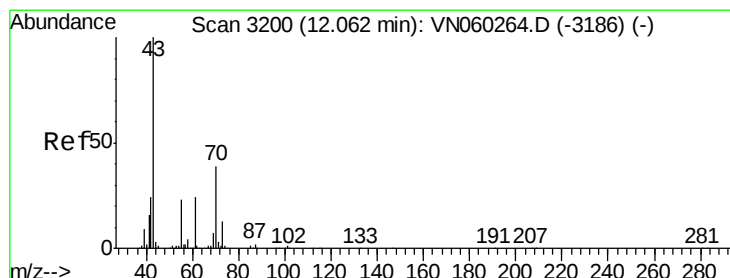
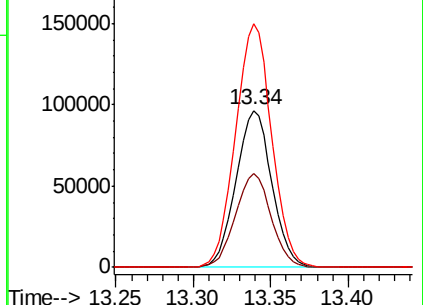
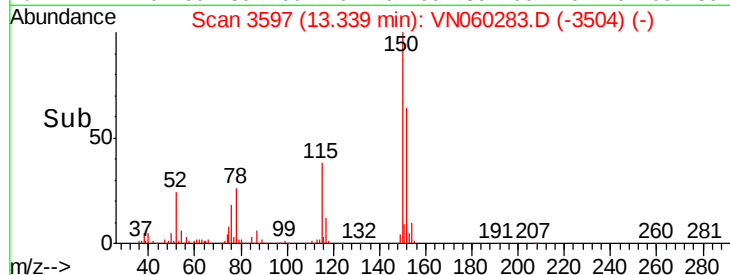
150 156.7 0.0 349.6



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: 0.901 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.04 min

Lab File: VN060283.D

Acq: 28 Feb 2020 14:41

Tgt Ion: 43 Resp: 4526

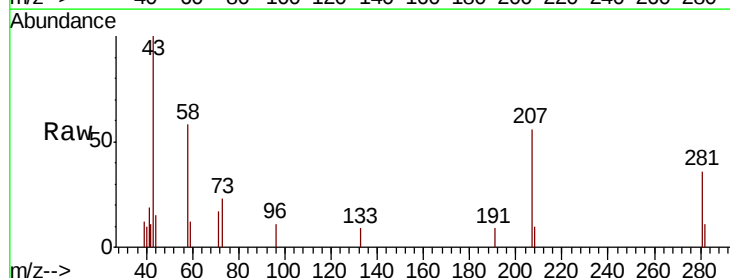
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.2#

55 0.0 18.2 27.4#

61 0.0 19.2 28.8#

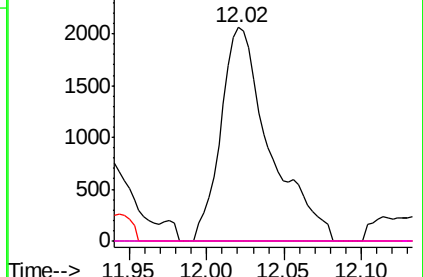
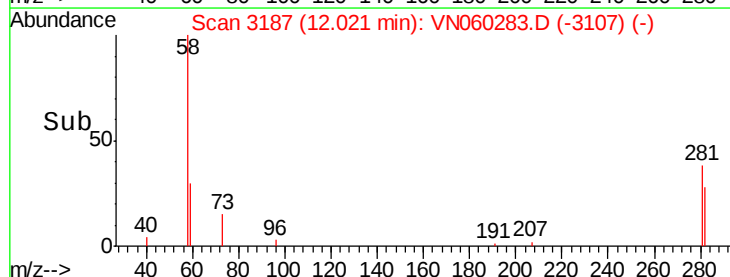


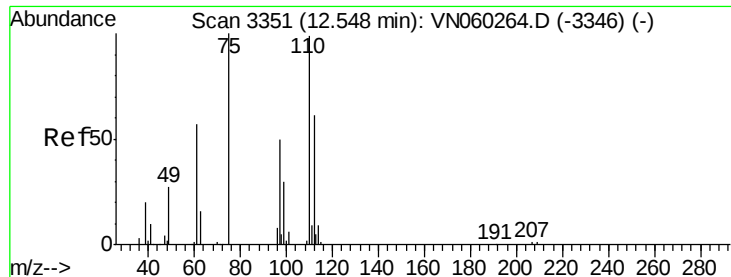
Abundance Ion 43.00 (42.70 to 43.70): V

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: 24.680 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060283.D

Acq: 28 Feb 2020 14:41

Instrument :

MSVOA\_N

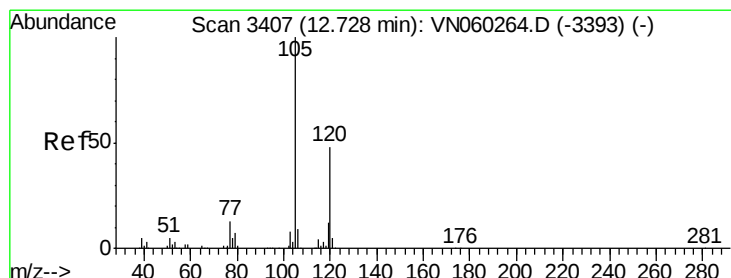
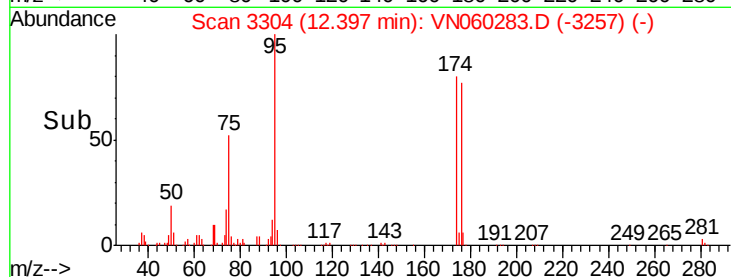
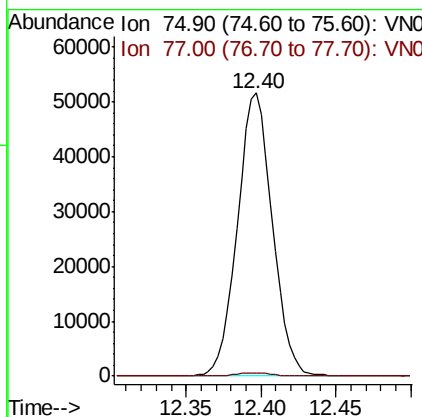
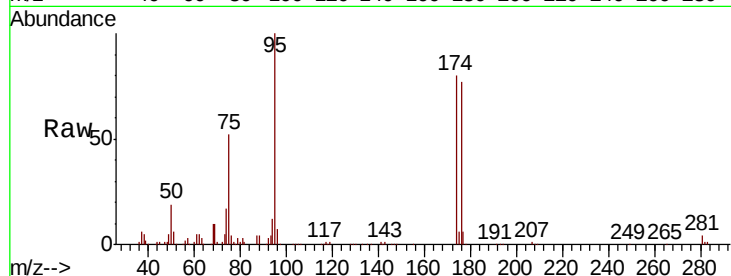
ClientSampleId :

Tot Ion: 75 Resp: 83989

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.244 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060283.D

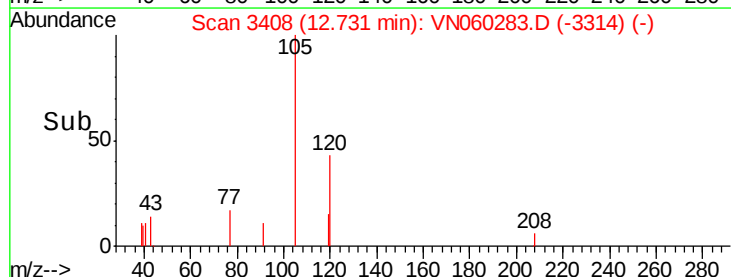
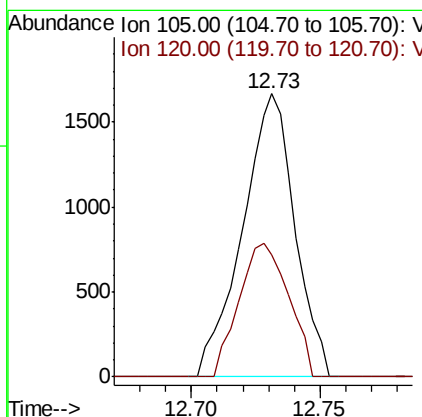
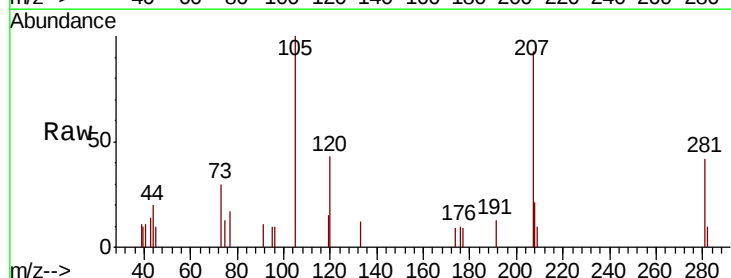
Acq: 28 Feb 2020 14:41

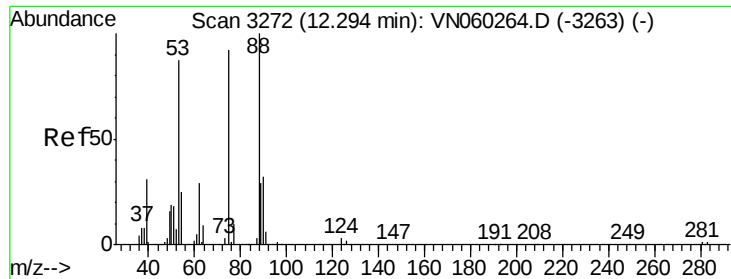
Tgt Ion: 105 Resp: 2358

Ion Ratio Lower Upper

105 100

120 44.7 24.1 72.4

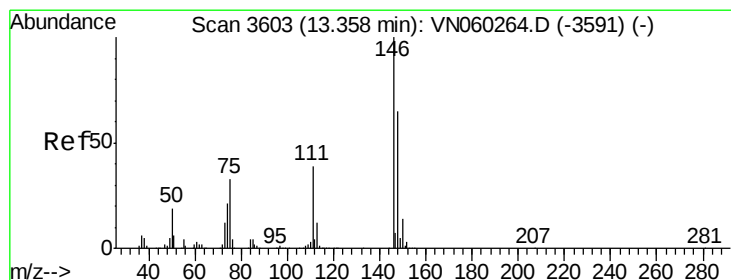
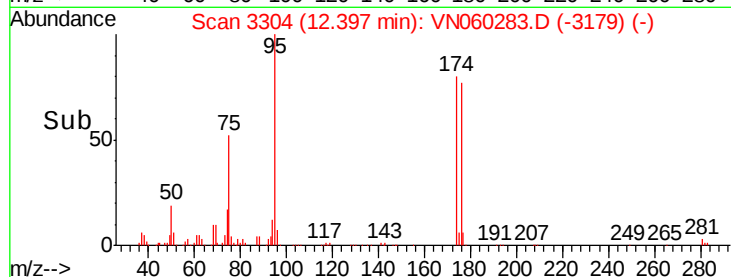
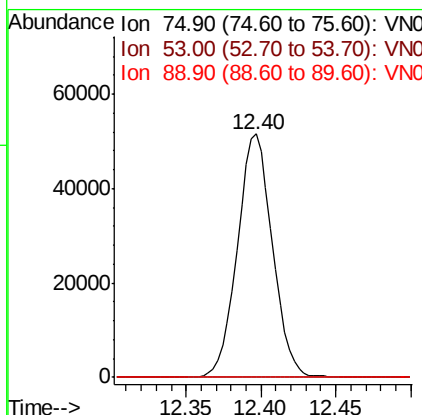
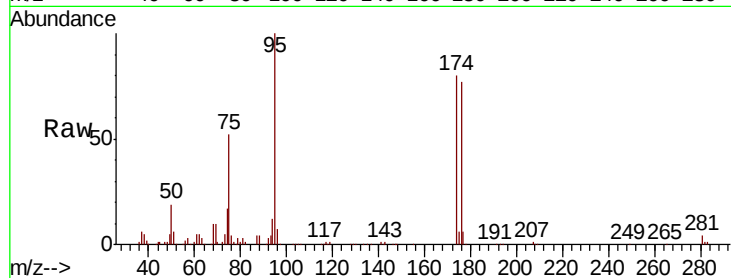




#81  
trans-1,4-Dichloro-2-butene  
Concen: 68.128 ug/l  
RT: 12.40 min Scan# 3304  
Delta R.T. 0.10 min  
Lab File: VN060283.D  
Acq: 28 Feb 2020 14:41

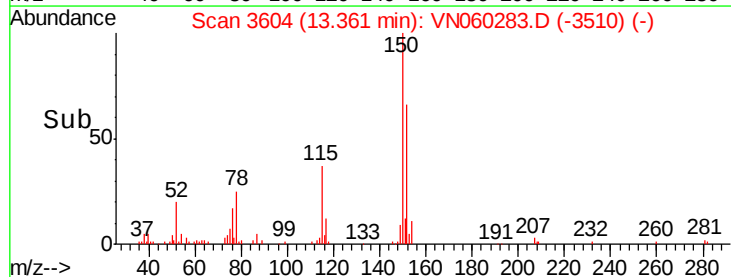
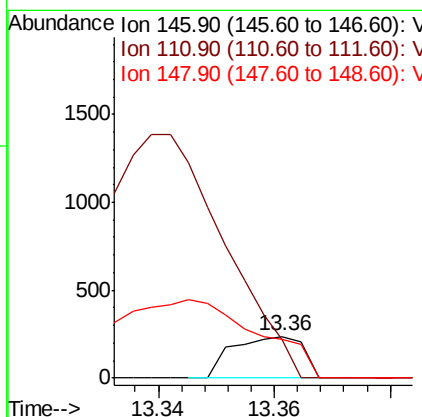
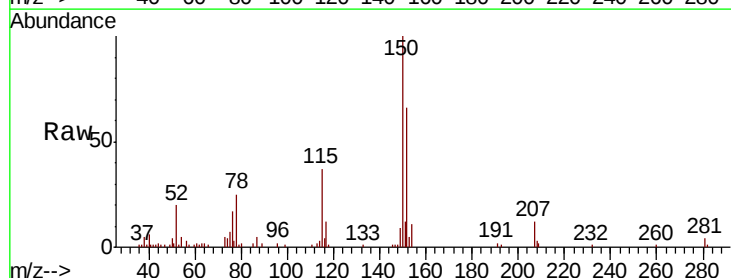
Instrument :  
MSVOA\_N  
ClientSampled :

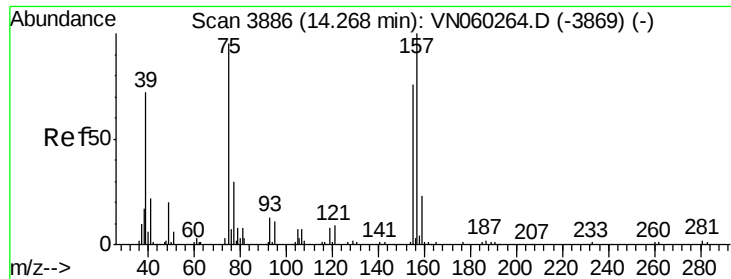
Tot Ion: 75 Resp: 83989  
Ion Ratio Lower Upper  
75 100  
53 0.0 73.8 110.6#  
89 0.0 57.1 85.7#



#88  
1,4-Dichlorobenzene  
Concen: Below Cal  
RT: 13.36 min Scan# 3604  
Delta R.T. 0.00 min  
Lab File: VN060283.D  
Acq: 28 Feb 2020 14:41

Tgt Ion: 146 Resp: 198  
Ion Ratio Lower Upper  
146 100  
111 0.0 19.8 59.4#  
148 0.0 32.3 96.9#

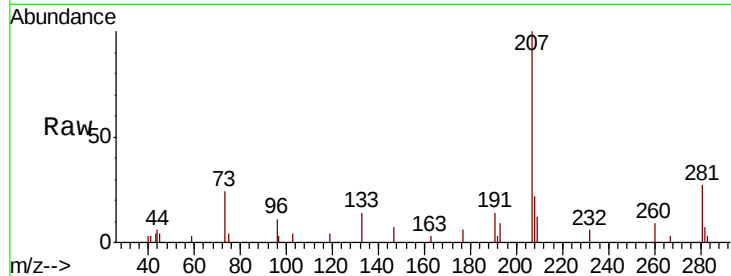




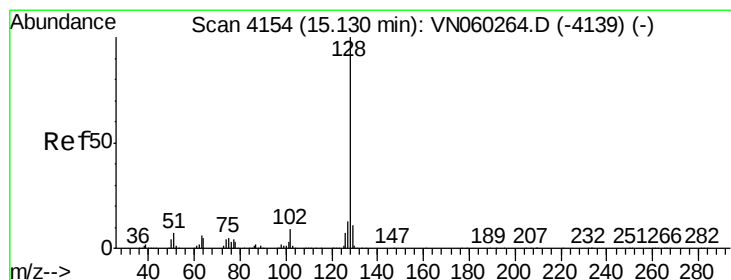
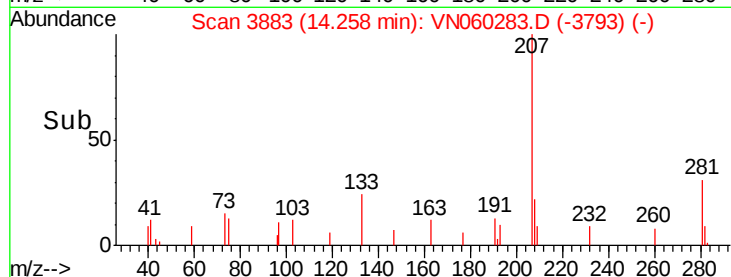
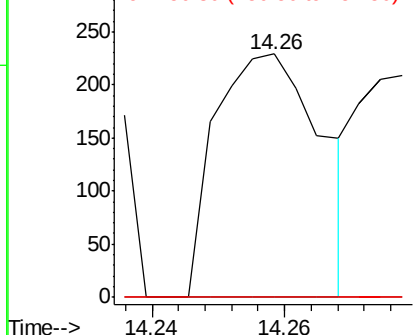
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.359 ug/l  
 RT: 14.26 min Scan# 3883  
 Delta R.T. -0.01 min  
 Lab File: VN060283.D  
 Acq: 28 Feb 2020 14:41

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion: 75 Resp: 254  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 40.4 121.2#  
 157 0.0 52.5 157.5#

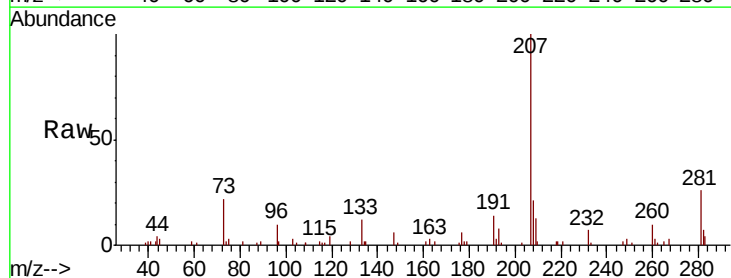


Abundance Ion 74.90 (74.60 to 75.60): VN060283.D (-3793) (-)  
 Ion 154.80 (154.50 to 155.50): VN060283.D (-3793) (-)  
 Ion 156.80 (156.50 to 157.50): VN060283.D (-3793) (-)



#95  
 Naphthalene  
 Concen: Below Cal  
 RT: 15.12 min Scan# 4152  
 Delta R.T. -0.01 min  
 Lab File: VN060283.D  
 Acq: 28 Feb 2020 14:41

Tgt Ion: 128 Resp: 511  
 Ion Ratio Lower Upper  
 128 100  
 127 0.0 10.4 15.6#  
 129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VN060283.D (-4060) (-)  
 Ion 127.00 (126.70 to 127.70): VN060283.D (-4060) (-)  
 Ion 129.00 (128.70 to 129.70): VN060283.D (-4060) (-)

