

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030620\  
 Data File : VN060381.D  
 Acq On : 6 Mar 2020 15:28  
 Operator : JC/MD  
 Sample : PB127296TB  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Mar 07 00:56:34 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  | 192744   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 315626   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 293457   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 135493   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.00   | 65  | 123827   | 50.07 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.14% |      |
| 35) Dibromofluoromethane  | 7.57   | 113 | 91121    | 62.20 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 124.40% |      |
| 50) Toluene-d8            | 10.08  | 98  | 387689   | 52.29 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.58% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 143188   | 50.94 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.88% |      |

## Target Compounds

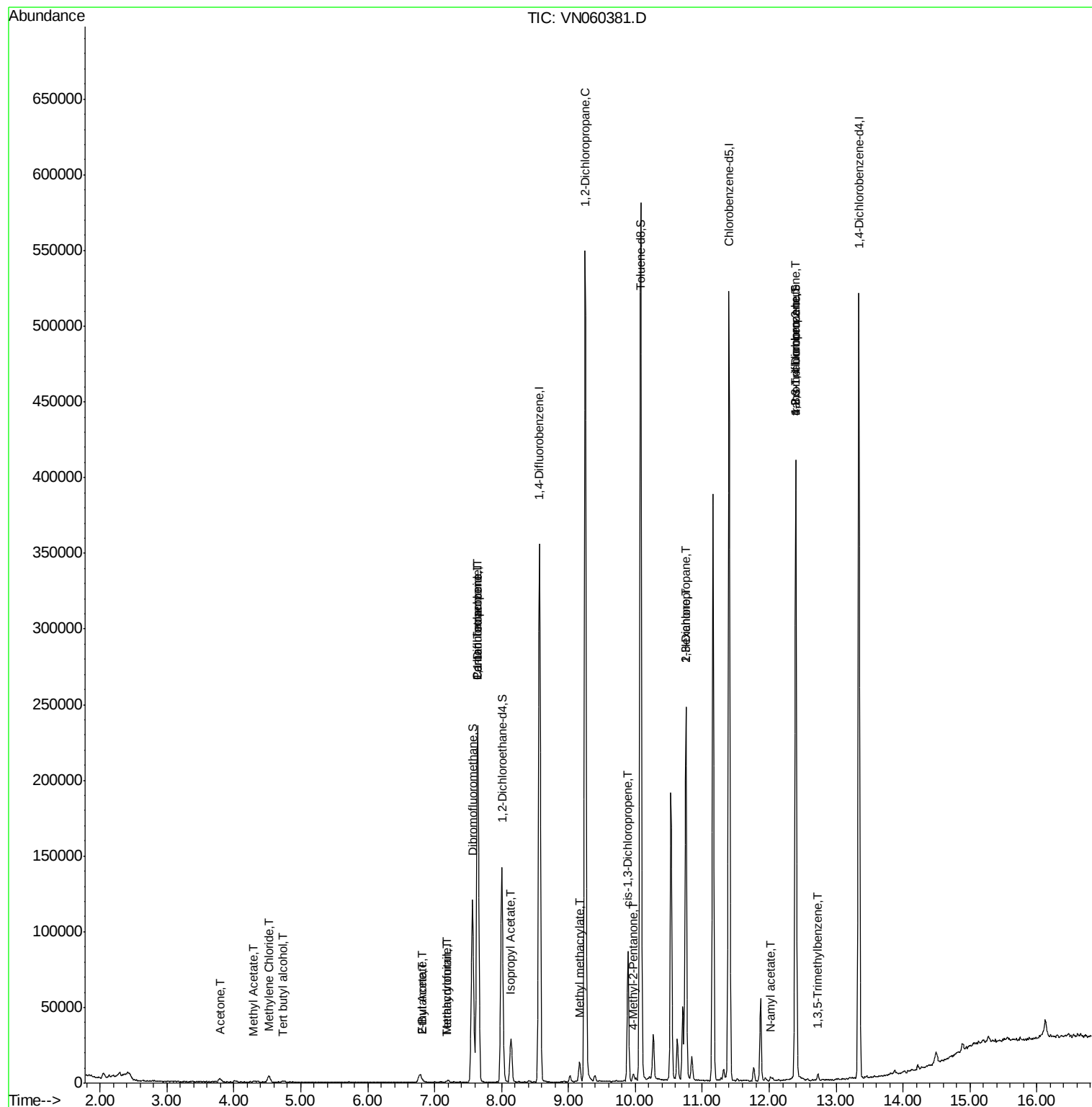
|                                |       |     |       |           |        | Qvalue |
|--------------------------------|-------|-----|-------|-----------|--------|--------|
| 11) Tert butyl alcohol         | 4.73  | 59  | 1975  | 5.379     | ug/l # | 73     |
| 16) Acetone                    | 3.79  | 43  | 4696  | 5.880     | ug/l # | 87     |
| 18) Methyl Acetate             | 4.30  | 43  | 920   | 0.345     | ug/l # | 52     |
| 20) Methylene Chloride         | 4.53  | 84  | 3156  | 1.439     | ug/l   | 93     |
| 25) 2-Butanone                 | 6.82  | 43  | 1738  | 1.347     | ug/l # | 49     |
| 29) Tetrahydrofuran            | 7.17  | 42  | 278   | 0.310     | ug/l # | 50     |
| 31) Cyclohexane                | 7.64  | 56  | 4185  | Below Cal | #      | 1      |
| 36) 1,1-Dichloropropene        | 7.64  | 75  | 14980 | 4.980     | ug/l # | 50     |
| 37) Ethyl Acetate              | 6.82  | 43  | 1738  | 0.610     | ug/l # | 68     |
| 38) Carbon Tetrachloride       | 7.64  | 117 | 18496 | 6.315     | ug/l # | 16     |
| 41) Methacrylonitrile          | 7.18  | 41  | 312   | 0.237     | ug/l # | 100    |
| 43) Isopropyl Acetate          | 8.14  | 43  | 35385 | 7.096     | ug/l # | 90     |
| 45) 1,2-Dichloropropane        | 9.25  | 63  | 636   | 0.278     | ug/l # | 44     |
| 48) Methyl methacrylate        | 9.16  | 41  | 2307  | 1.015     | ug/l # | 13     |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43  | 3488  | 1.234     | ug/l   | 89     |
| 54) cis-1,3-Dichloropropene    | 9.89  | 75  | 15524 | 4.047     | ug/l # | 59     |
| 57) 1,3-Dichloropropane        | 10.75 | 76  | 2347  | 0.651     | ug/l # | 42     |
| 59) 2-Hexanone                 | 10.75 | 43  | 36465 | 17.567    | ug/l # | 52     |
| 74) N-amyl acetate             | 12.02 | 43  | 2198  | 0.501     | ug/l # | 44     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75  | 73345 | 24.673    | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105 | 2356  | 0.279     | ug/l   | 97     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75  | 73345 | 68.108    | ug/l # | 8      |
| 87) 1,3-Dichlorobenzene        | 13.35 | 146 | 261   | Below Cal | #      | 16     |
| 88) 1,4-Dichlorobenzene        | 13.35 | 146 | 261   | Below Cal | #      | 16     |
| 95) Naphthalene                | 15.13 | 128 | 518   | Below Cal | #      | 69     |

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

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Quant Title : SW846 8260  
QLast Update : Thu Feb 27 13:52:50 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: VN060381.D

Acq: 6 Mar 2020 15:28

Instrument :

MSVOA\_N

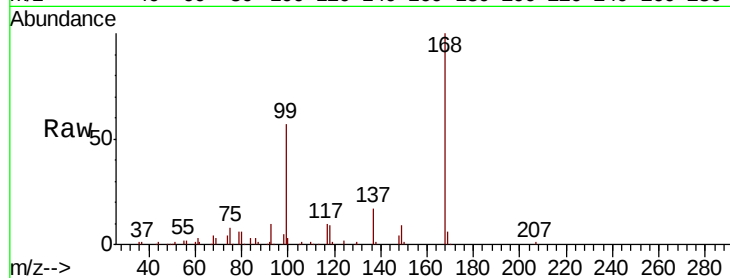
ClientSampled :

Tot Ion:168 Resp: 192744

Ion Ratio Lower Upper

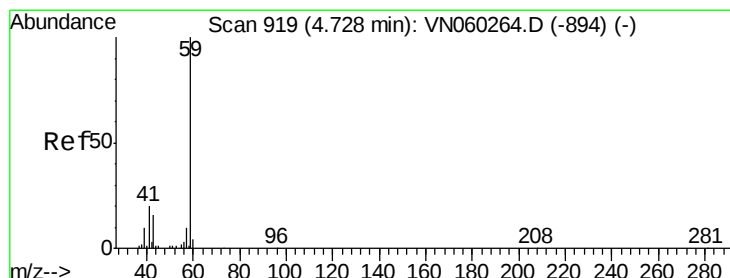
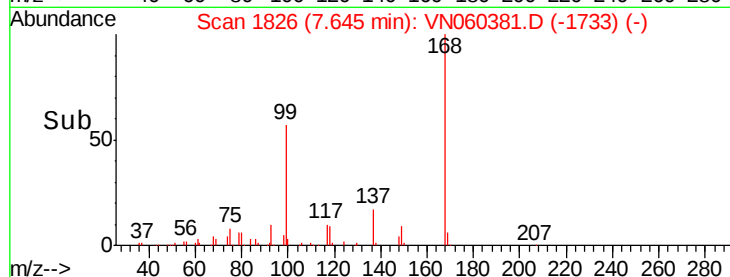
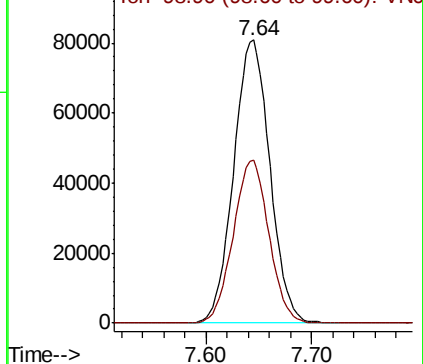
168 100

99 57.5 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 5.379 ug/l

RT: 4.73 min Scan# 919

Delta R.T. 0.00 min

Lab File: VN060381.D

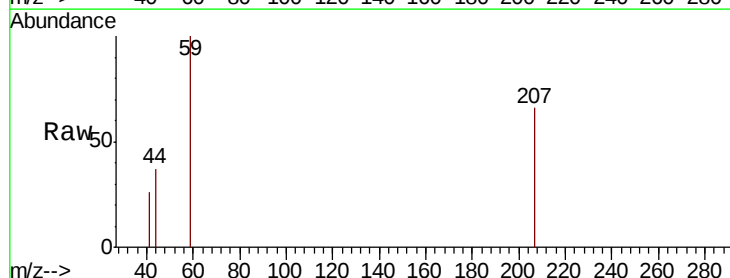
Acq: 6 Mar 2020 15:28

Tgt Ion: 59 Resp: 1975

Ion Ratio Lower Upper

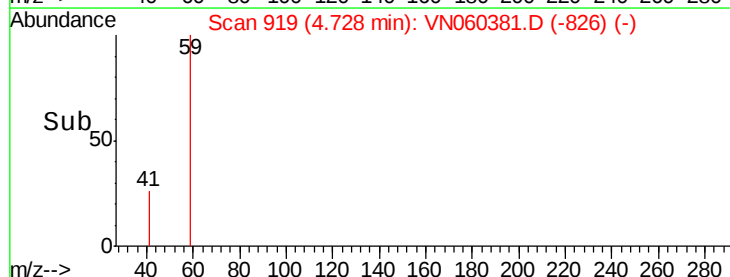
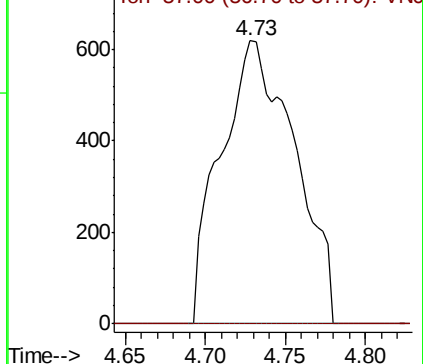
59 100

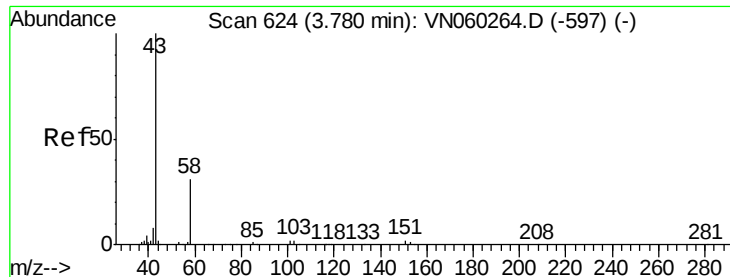
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: 5.880 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060381.D

Acq: 6 Mar 2020 15:28

Instrument :

MSVOA\_N

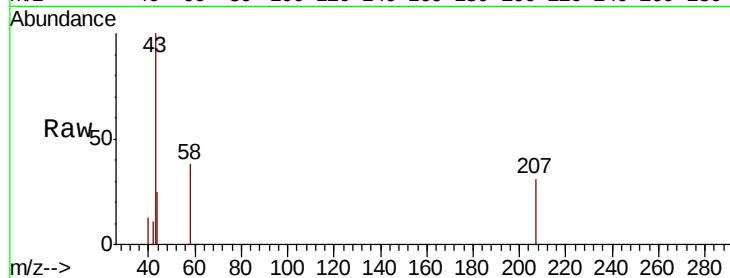
ClientSampleId :

Tot Ion: 43 Resp: 4696

Ion Ratio Lower Upper

43 100

58 37.9 24.6 36.8#



Abundance Ion 43.00 (42.70 to 43.70): VN060381.D (-627) (-)

Ion 58.00 (57.70 to 58.70): VN060381.D (-627) (-)

3.79

1500

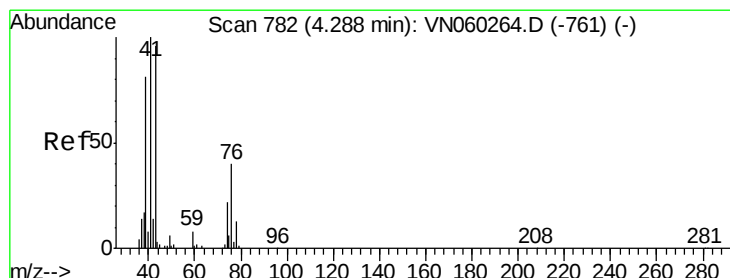
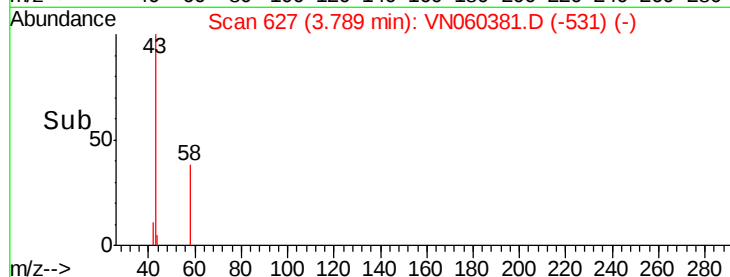
1000

500

0

Time-->

3.70 3.75 3.80 3.85 3.90



#18

Methyl Acetate

Concen: 0.345 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.01 min

Lab File: VN060381.D

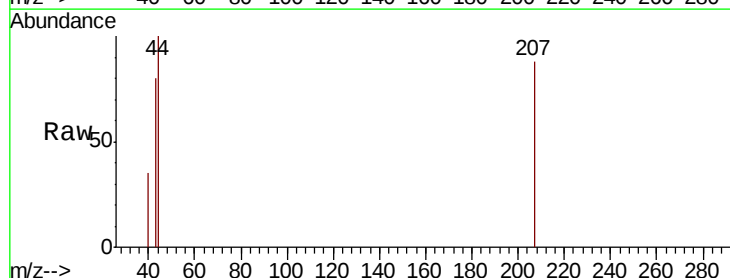
Acq: 6 Mar 2020 15:28

Tgt Ion: 43 Resp: 920

Ion Ratio Lower Upper

43 100

74 0.0 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VN060381.D (-785) (-)

Ion 74.00 (73.70 to 74.70): VN060381.D (-785) (-)

4.30

400

300

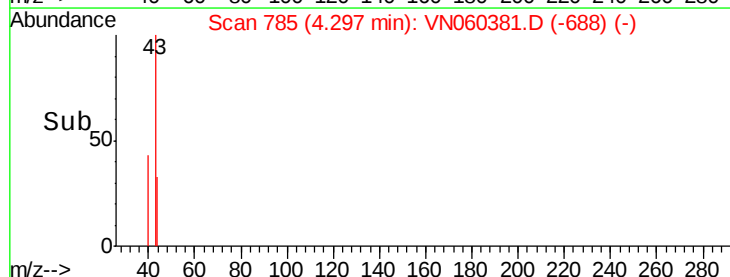
200

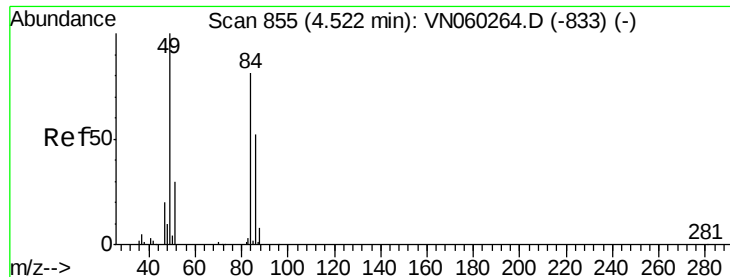
100

0

Time-->

4.25 4.30 4.35

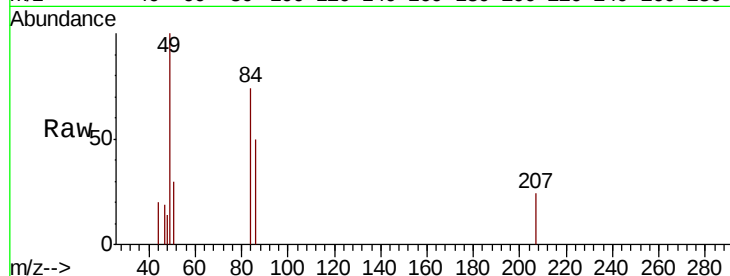




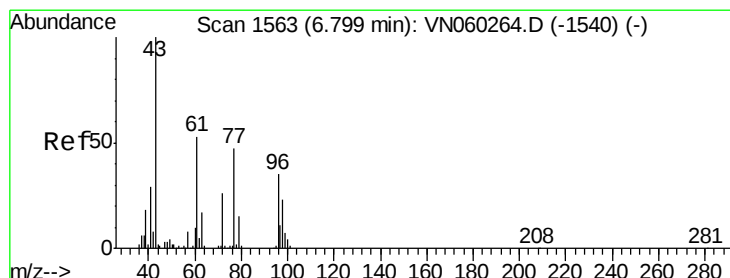
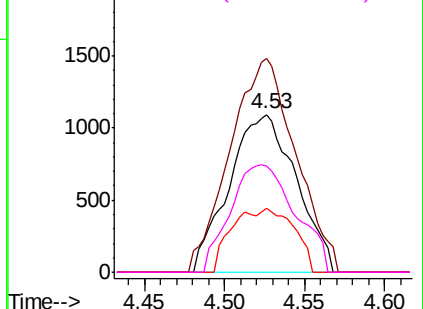
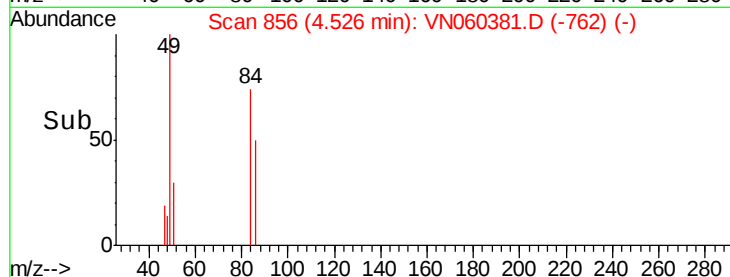
#20  
Methvlene Chloride  
Concen: 1.439 ug/l  
RT: 4.53 min Scan# 856  
Delta R.T. 0.00 min  
Lab File: VN060381.D  
Acq: 6 Mar 2020 15:28

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 84 Resp: 3156  
Ion Ratio Lower Upper  
84 100  
49 135.3 99.3 148.9  
51 40.4 30.1 45.1  
86 67.3 51.1 76.7

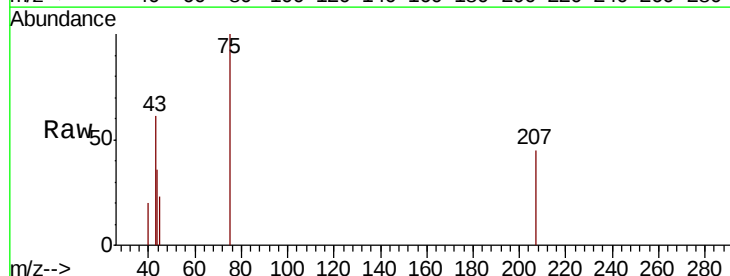


Abundance Ion 83.90 (83.60 to 84.60): VNO  
Ion 48.90 (48.60 to 49.60): VNO  
Ion 50.90 (50.60 to 51.60): VNO  
Ion 85.90 (85.60 to 86.60): VNO

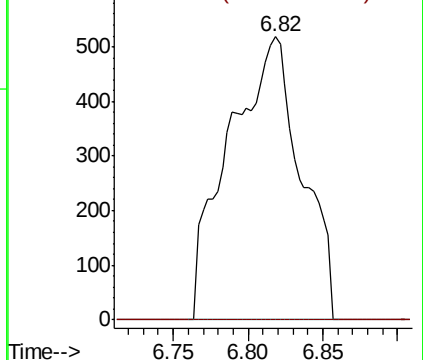
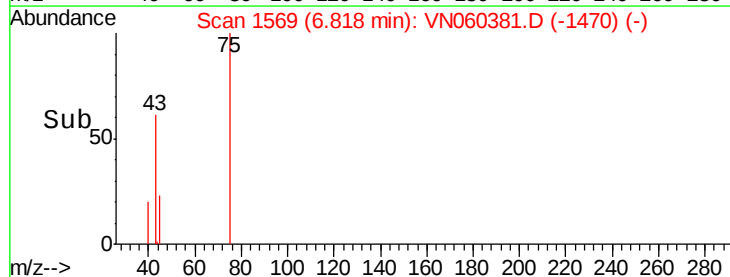


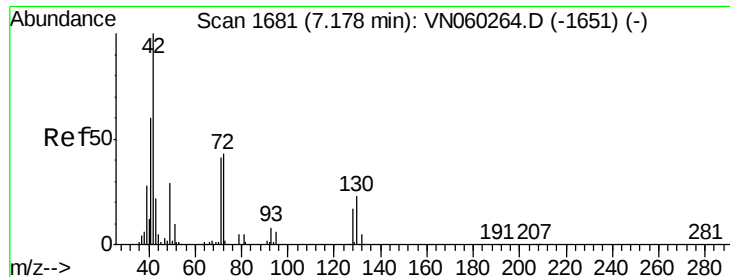
#25  
2-Butanone  
Concen: 1.347 ug/l  
RT: 6.82 min Scan# 1569  
Delta R.T. 0.02 min  
Lab File: VN060381.D  
Acq: 6 Mar 2020 15:28

Tgt Ion: 43 Resp: 1738  
Ion Ratio Lower Upper  
43 100  
72 0.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO  
Ion 72.00 (71.70 to 72.70): VNO





#29

Tetrahydrofuran

Concen: 0.310 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.01 min

Lab File: VN060381.D

Acq: 6 Mar 2020 15:28

Instrument :

MSVOA\_N

ClientSampleId :

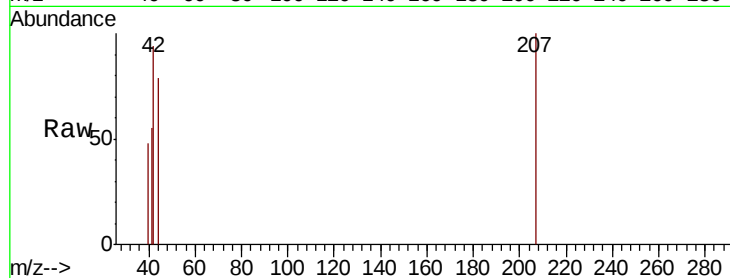
Tot Ion: 42 Resp: 278

Ion Ratio Lower Upper

42 100

72 21.2 34.6 52.0#

71 0.0 32.9 49.3#

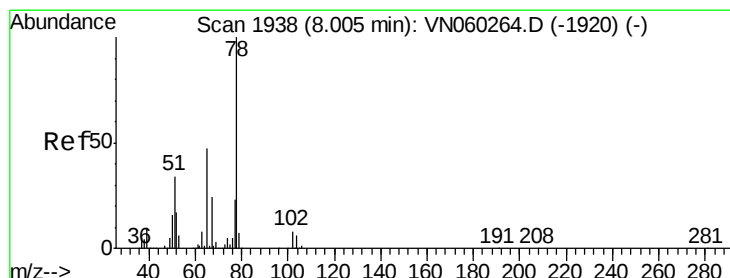
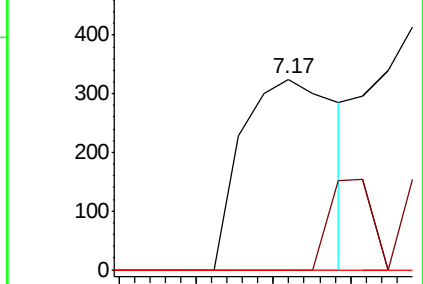
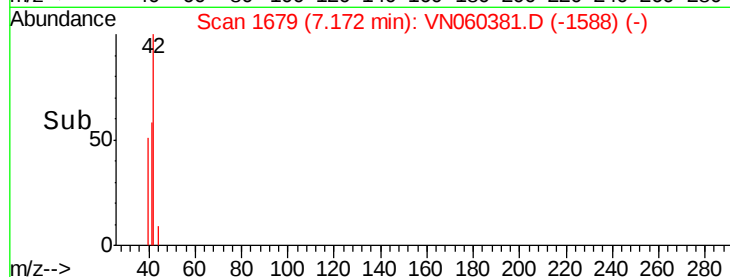


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.073 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060381.D

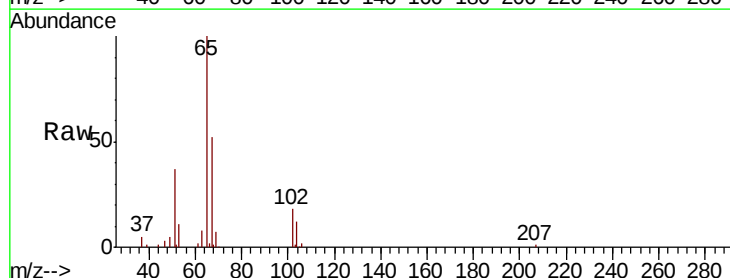
Acq: 6 Mar 2020 15:28

Tgt Ion: 65 Resp: 123827

Ion Ratio Lower Upper

65 100

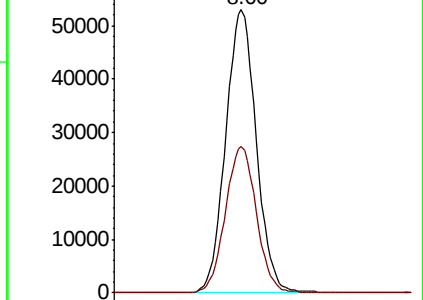
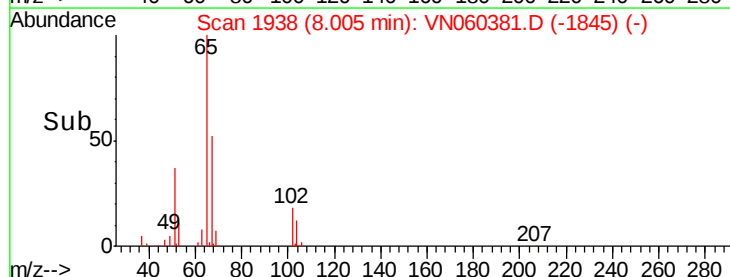
67 52.4 0.0 103.8

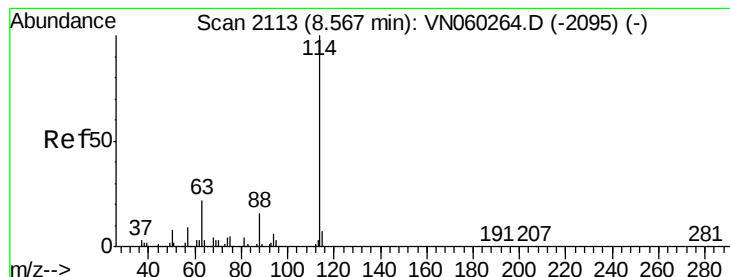


Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060381.D

Acq: 6 Mar 2020 15:28

Instrument :

MSVOA\_N

ClientSampleId :

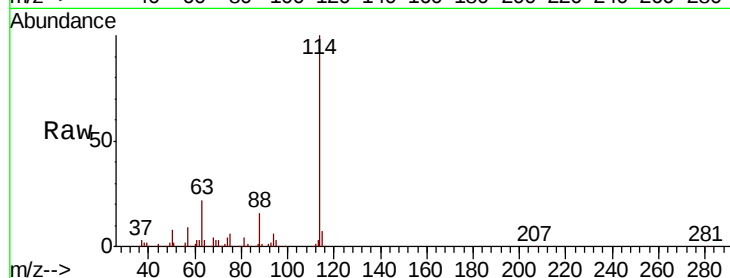
Tot Ion:114 Resp: 315626

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

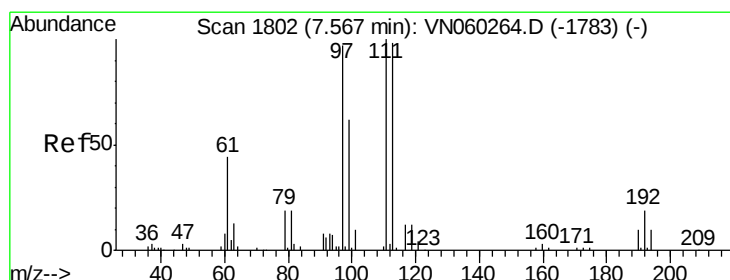
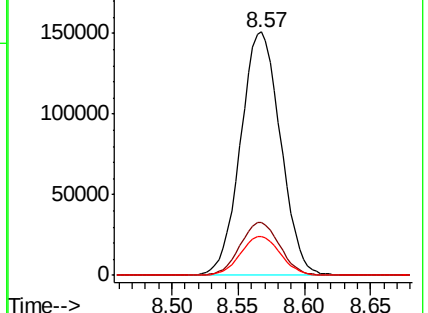
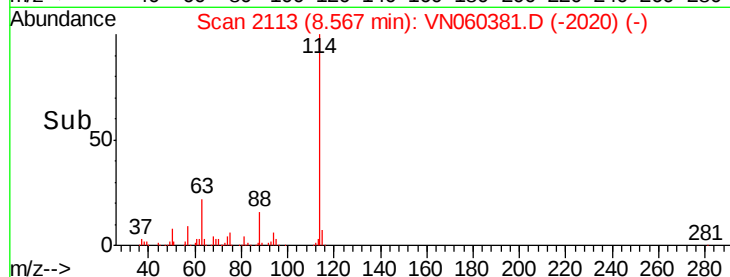
88 15.8 0.0 31.6



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: 62.197 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060381.D

Acq: 6 Mar 2020 15:28

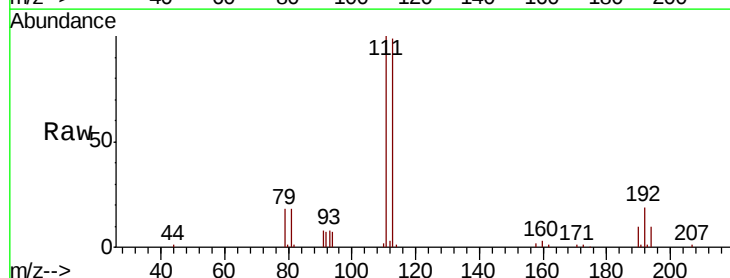
Tgt Ion:113 Resp: 91121

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

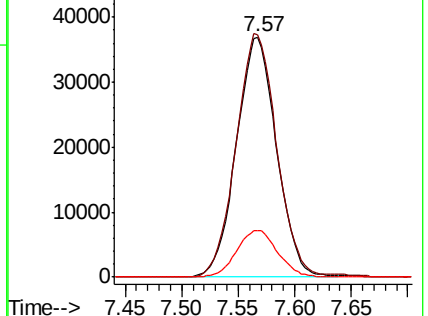
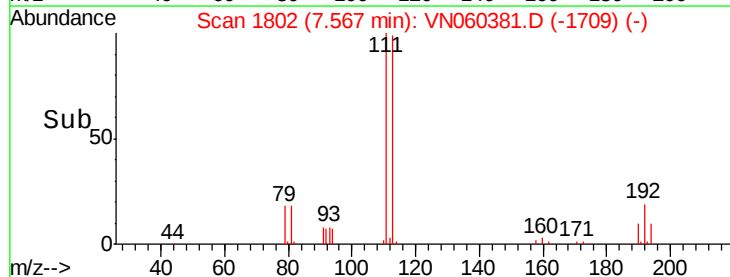
192 19.8 16.2 24.2

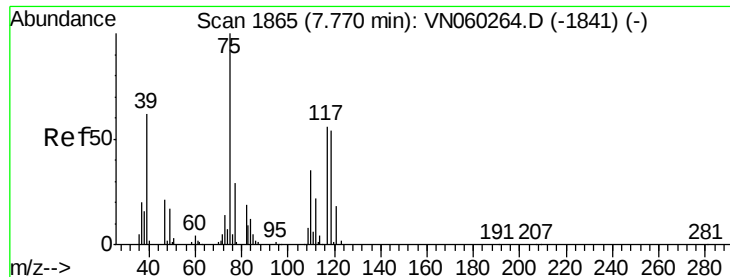


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.980 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.13 min

Lab File: VN060381.D

Acq: 6 Mar 2020 15:28

Instrument :

MSVOA\_N

ClientSampleId :

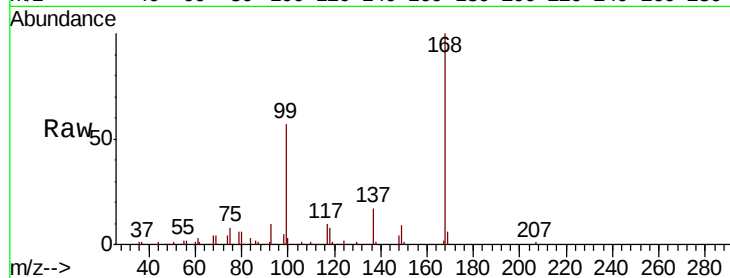
Tot Ion: 75 Resp: 14980

Ion Ratio Lower Upper

75 100

110 8.2 17.3 52.0#

77 0.0 24.2 36.2#

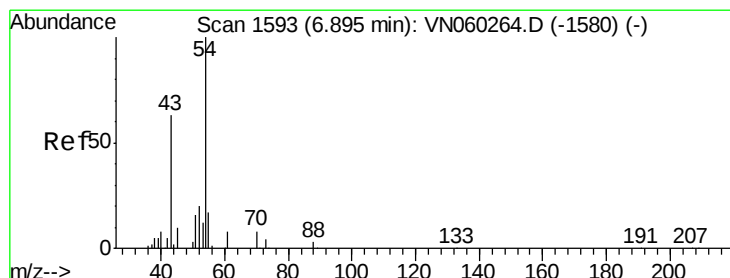
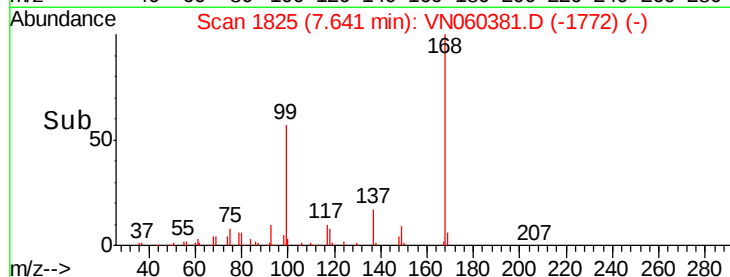


Abundance Ion 74.90 (74.60 to 75.60): VN060381.D (-1772) (-)

Ion 109.90 (109.60 to 110.60): VN060381.D (-1772) (-)

Ion 76.90 (76.60 to 77.60): VN060381.D (-1772) (-)

Time-->



#37

Ethyl Acetate

Concen: 0.610 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.08 min

Lab File: VN060381.D

Acq: 6 Mar 2020 15:28

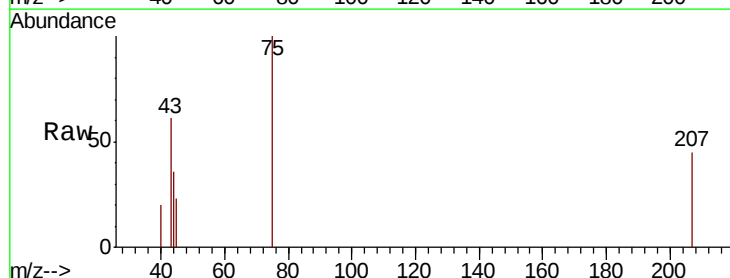
Tgt Ion: 43 Resp: 1738

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.4 12.6#

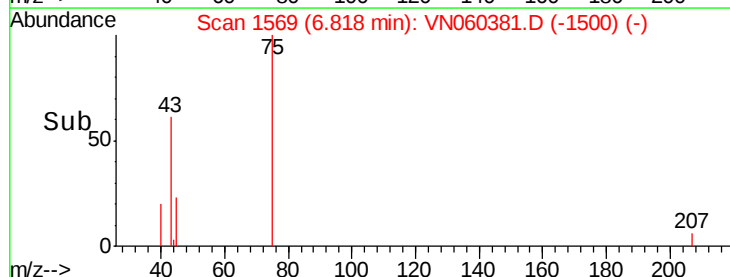


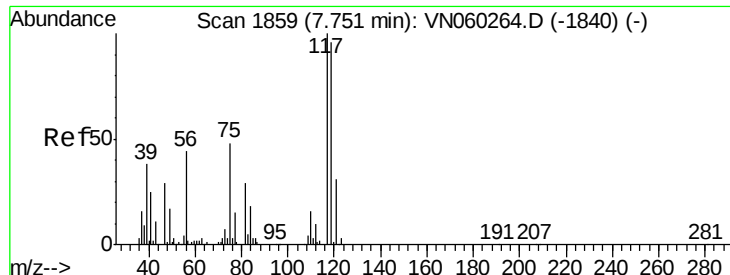
Abundance Ion 43.00 (42.70 to 43.70): VN060381.D (-1500) (-)

Ion 60.90 (60.60 to 61.60): VN060381.D (-1500) (-)

Ion 70.00 (69.70 to 70.70): VN060381.D (-1500) (-)

Time-->





#38

Carbon Tetrachloride

Concen: 6.315 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN060381.D

Acq: 6 Mar 2020 15:28

Instrument :

MSVOA\_N

ClientSampled :

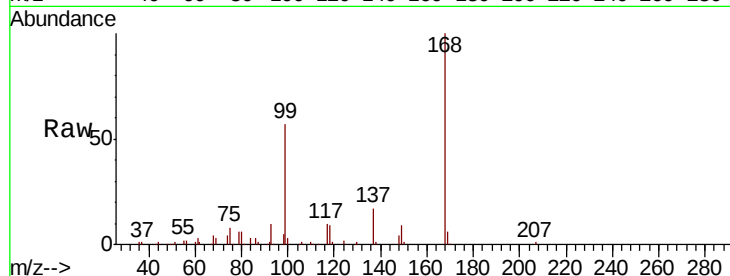
Tot Ion:117 Resp: 18496

Ion Ratio Lower Upper

117 100

119 5.2 76.7 115.1#

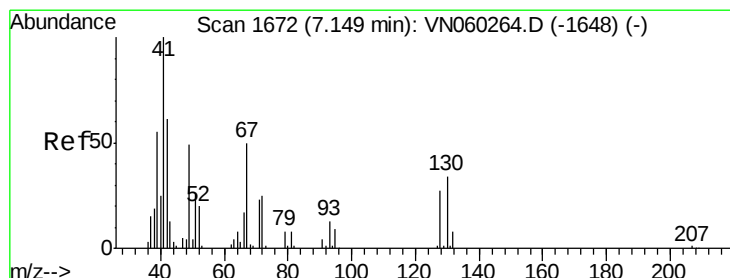
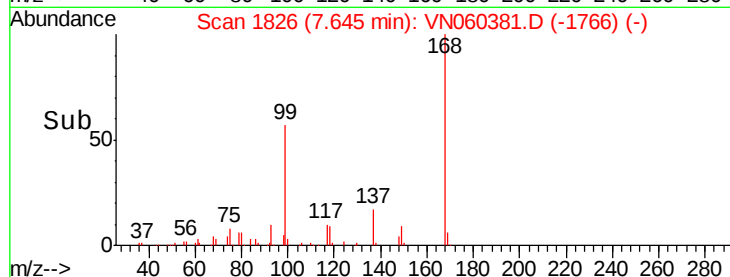
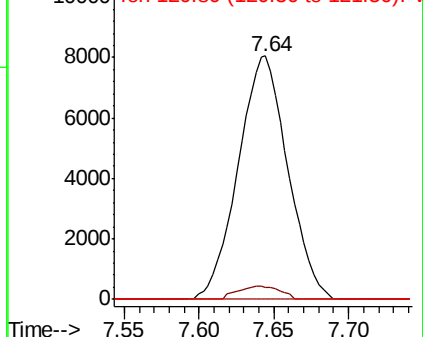
121 0.0 24.5 36.7#



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



#41

Methacrylonitrile

Concen: 0.237 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.03 min

Lab File: VN060381.D

Acq: 6 Mar 2020 15:28

Tgt Ion: 41 Resp: 312

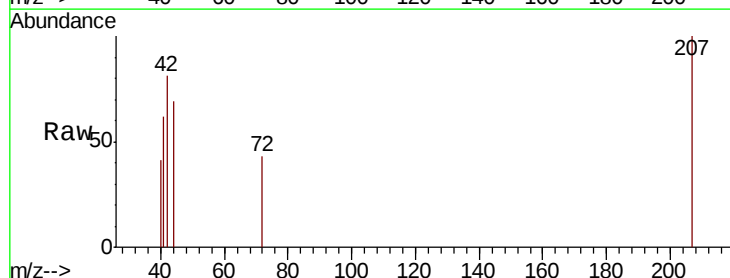
Ion Ratio Lower Upper

41 100

39 43.9 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

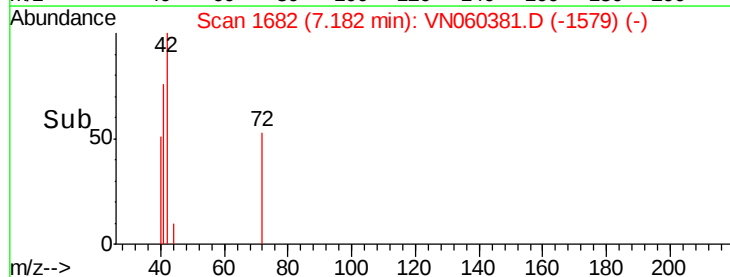
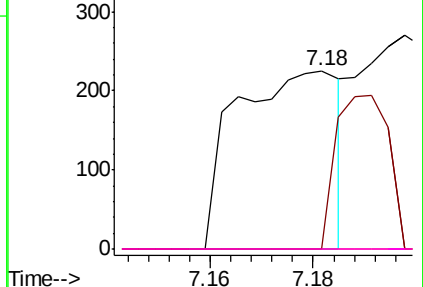


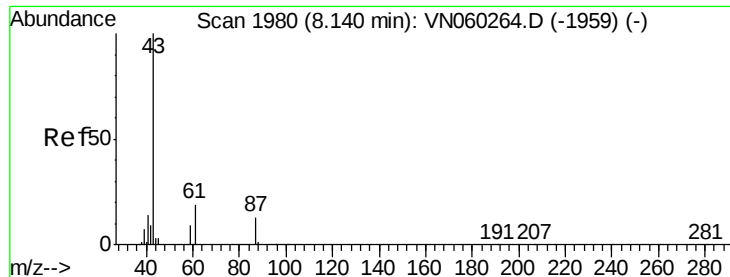
Abundance Ion 41.00 (40.70 to 41.70): VNO

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: 7.096 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060381.D

Acq: 6 Mar 2020 15:28

Instrument :

MSVOA\_N

ClientSampled :

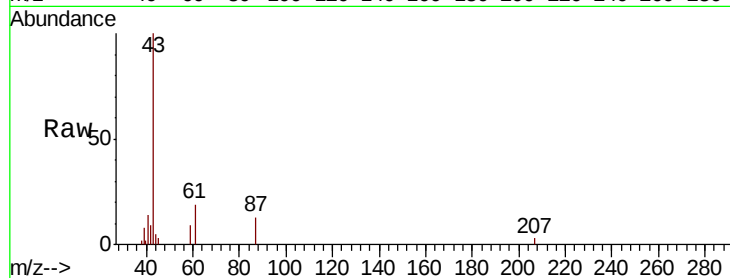
Tot Ion: 43 Resp: 35385

Ion Ratio Lower Upper

43 100

61 18.7 20.9 31.3#

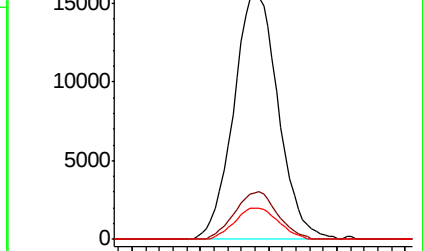
87 12.4 10.6 16.0



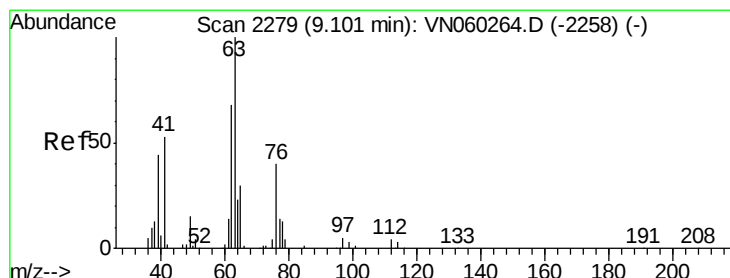
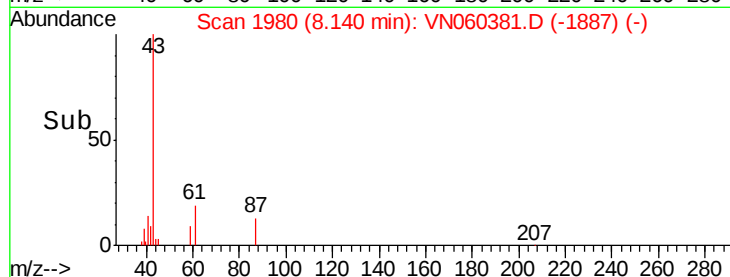
Abundance Ion 43.00 (42.70 to 43.70): VN060381.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060381.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060381.D (-1887) (-)



Time-->



#45

1,2-Dichloropropane

Concen: 0.278 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.15 min

Lab File: VN060381.D

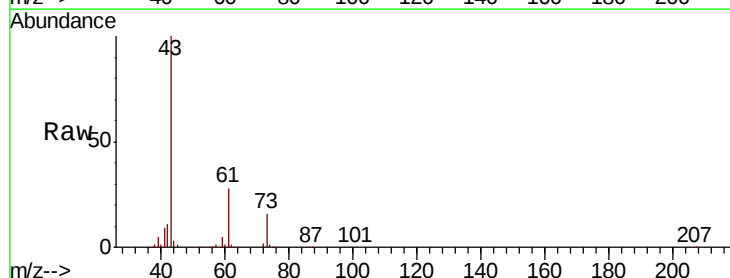
Acq: 6 Mar 2020 15:28

Tgt Ion: 63 Resp: 636

Ion Ratio Lower Upper

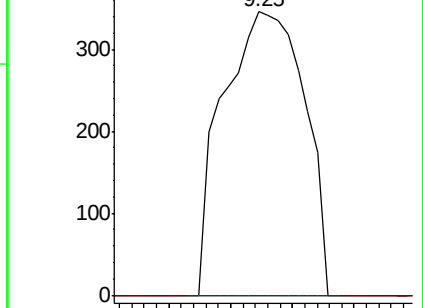
63 100

65 0.0 24.4 36.6#

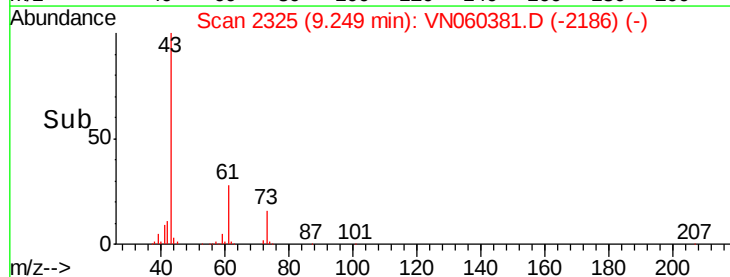


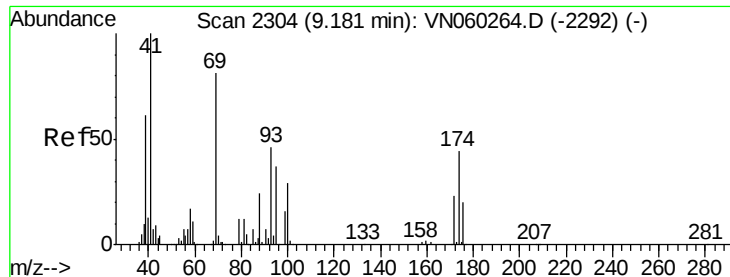
Abundance Ion 62.90 (62.60 to 63.60): VN060381.D (-2186) (-)

Ion 64.90 (64.60 to 65.60): VN060381.D (-2186) (-)



Time-->

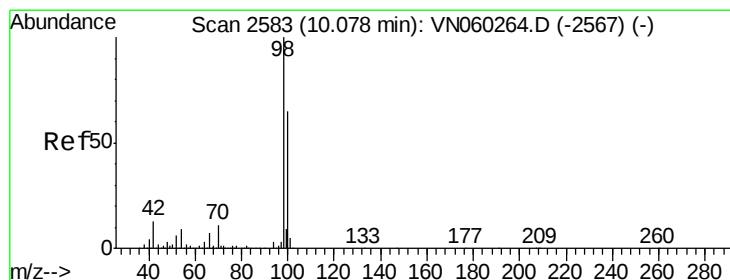
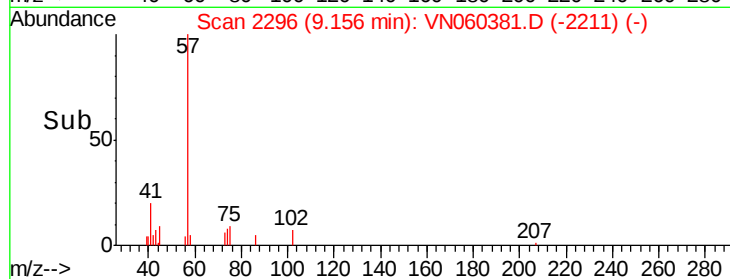
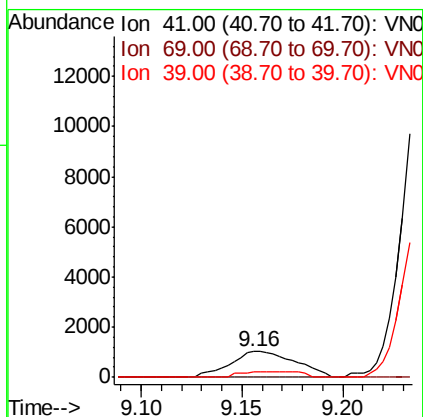
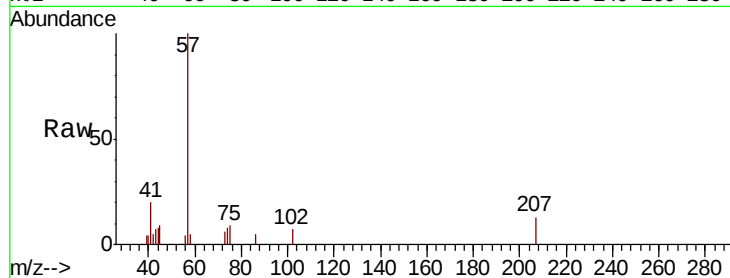




#48  
Methvl methacrilate  
Concen: 1.015 ug/l  
RT: 9.16 min Scan# 2296  
Delta R.T. -0.03 min  
Lab File: VN060381.D  
Acq: 6 Mar 2020 15:28

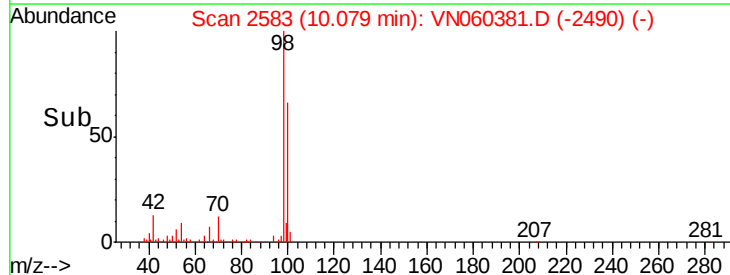
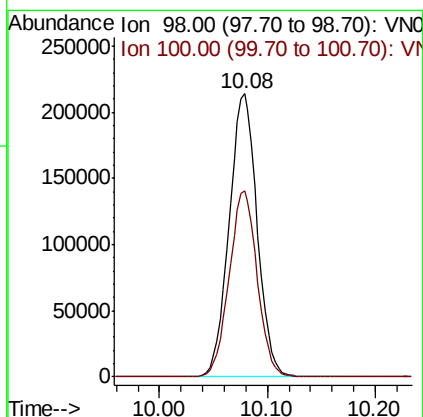
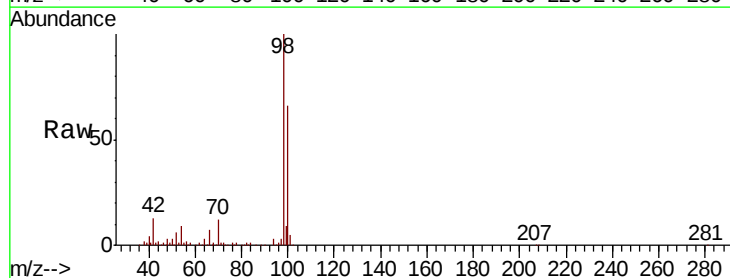
Instrument :  
MSVOA\_N  
ClientSampleId :

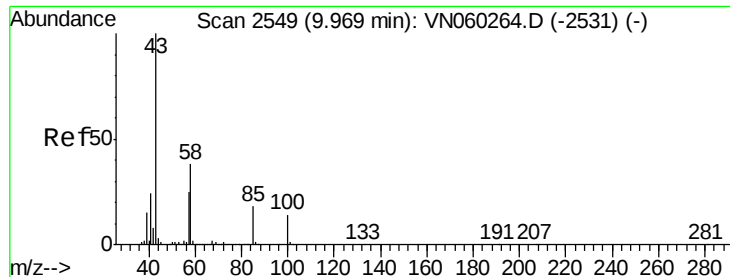
Tot Ion: 41 Resp: 2307  
Ion Ratio Lower Upper  
41 100  
69 0.0 66.7 100.1#  
39 0.0 50.1 75.1#



#50  
Toluene-d8  
Concen: 52.286 ug/l  
RT: 10.08 min Scan# 2583  
Delta R.T. 0.00 min  
Lab File: VN060381.D  
Acq: 6 Mar 2020 15:28

Tgt Ion: 98 Resp: 387689  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 1.234 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060381.D

Acq: 6 Mar 2020 15:28

Instrument :

MSVOA\_N

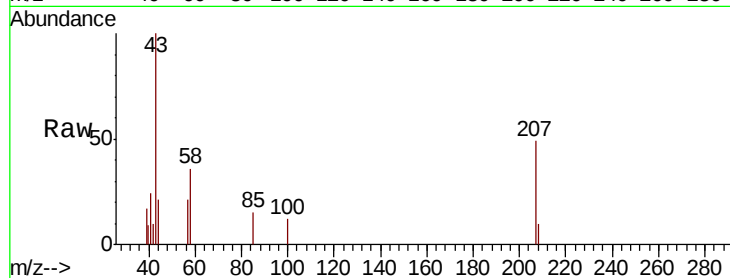
ClientSampleId :

Tot Ion: 43 Resp: 3488

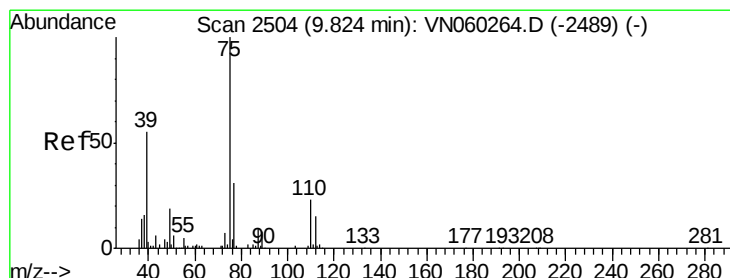
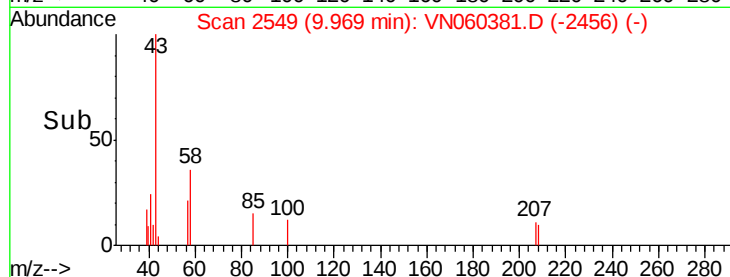
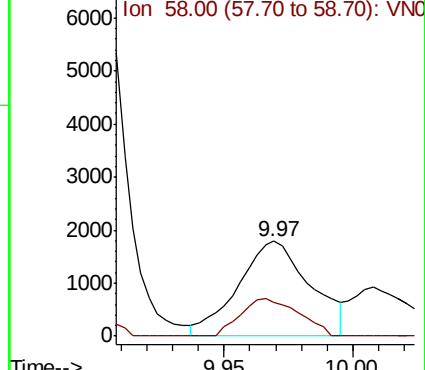
Ion Ratio Lower Upper

43 100

58 31.7 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN060381.D (-2456) (-)



#54

cis-1,3-Dichloropropene

Concen: 4.047 ug/l

RT: 9.89 min Scan# 2524

Delta R.T. 0.06 min

Lab File: VN060381.D

Acq: 6 Mar 2020 15:28

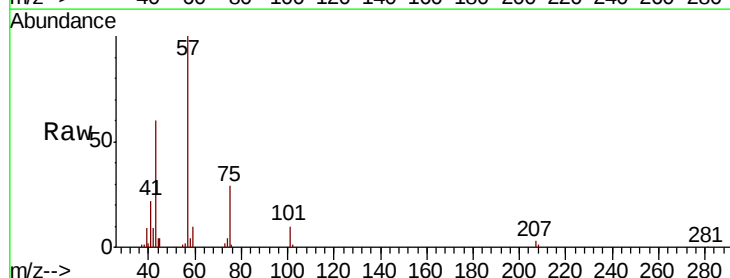
Tgt Ion: 75 Resp: 15524

Ion Ratio Lower Upper

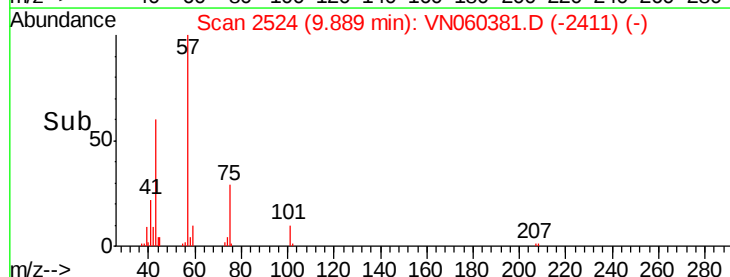
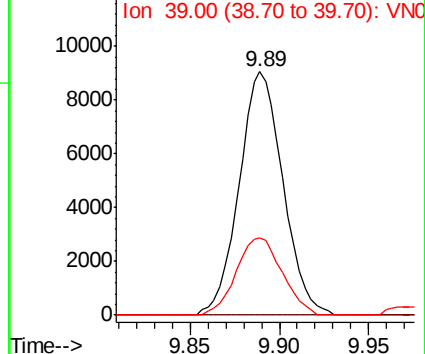
75 100

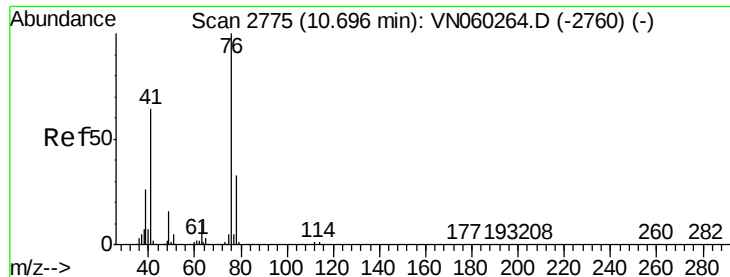
77 0.0 24.8 37.2#

39 31.9 43.8 65.8#



Abundance Ion 74.90 (74.60 to 75.60): VN060381.D (-2411) (-)





#57

1,3-Dichloropropane

Concen: 0.651 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN060381.D

Acq: 6 Mar 2020 15:28

Instrument :

MSVOA\_N

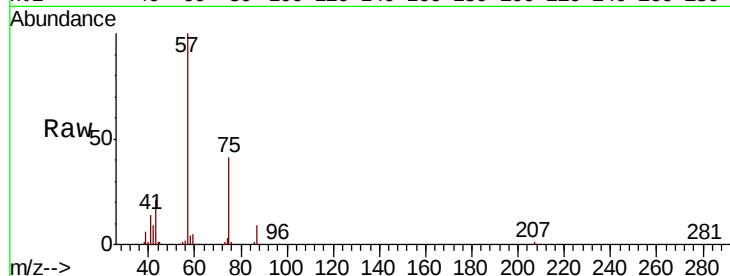
ClientSampleId :

Tot Ion: 76 Resp: 2347

Ion Ratio Lower Upper

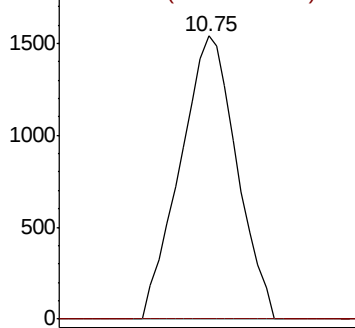
76 100

78 0.0 26.2 39.2#

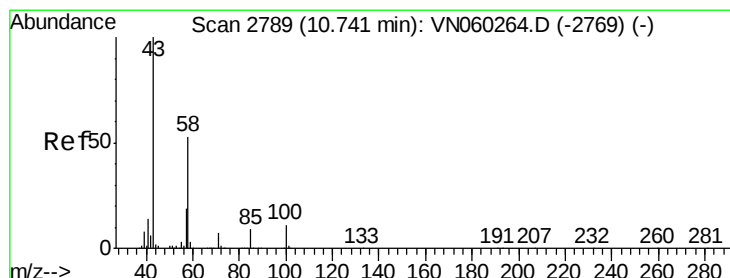
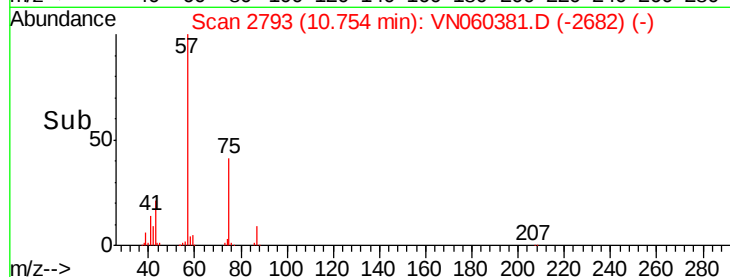


Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time--> 10.70 10.75 10.80



#59

2-Hexanone

Concen: 17.567 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.01 min

Lab File: VN060381.D

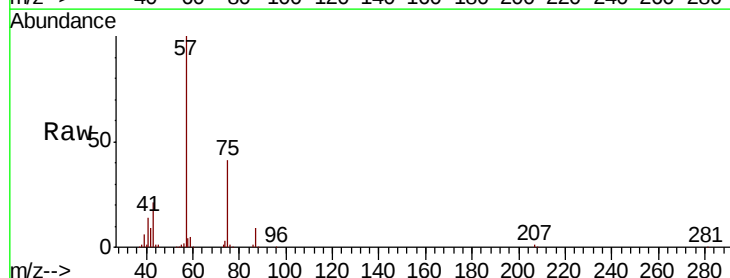
Acq: 6 Mar 2020 15:28

Tgt Ion: 43 Resp: 36465

Ion Ratio Lower Upper

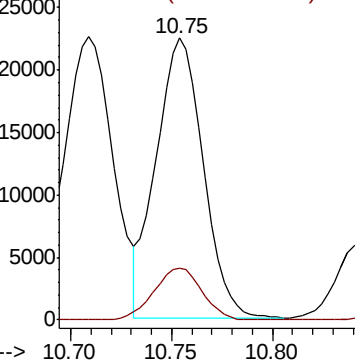
43 100

58 18.7 26.5 79.5#

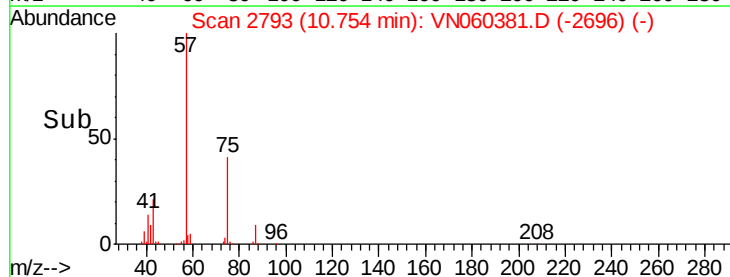


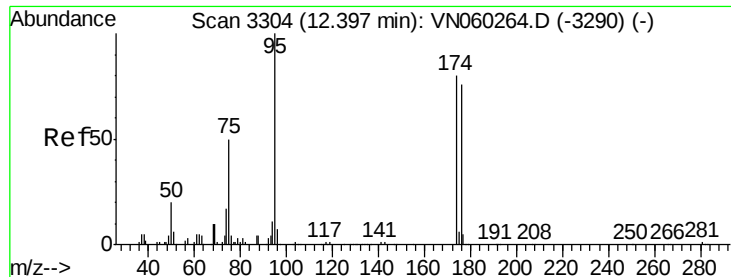
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time--> 10.70 10.75 10.80





#62

4-Bromofluorobenzene

Concen: 50.943 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060381.D

Acq: 6 Mar 2020 15:28

Instrument :

MSVOA\_N

ClientSampled :

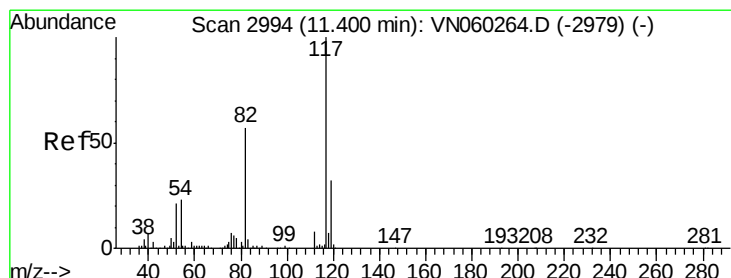
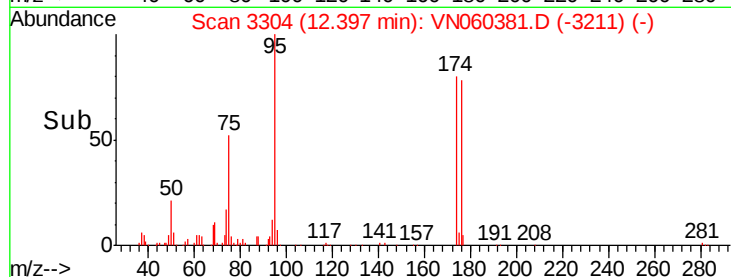
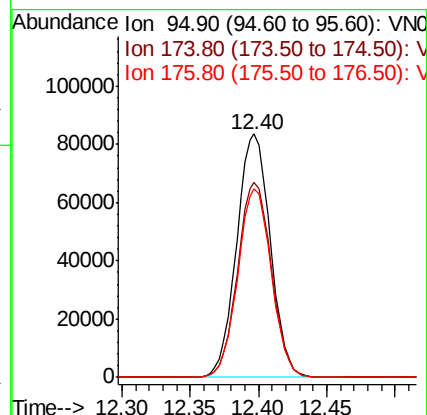
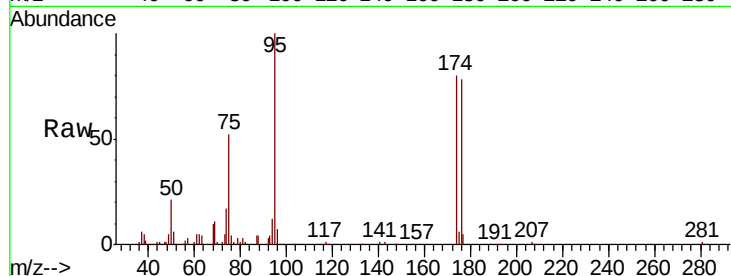
Tot Ion: 95 Resp: 143188

Ion Ratio Lower Upper

95 100

174 80.2 0.0 159.2

176 77.4 0.0 153.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060381.D

Acq: 6 Mar 2020 15:28

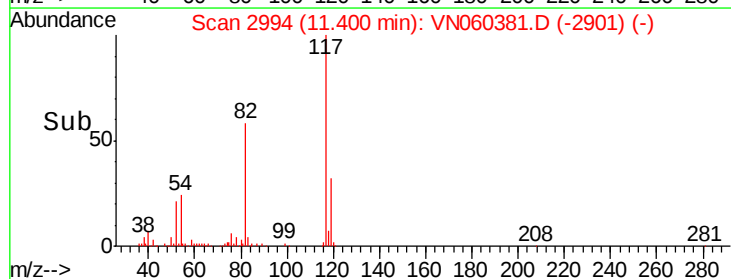
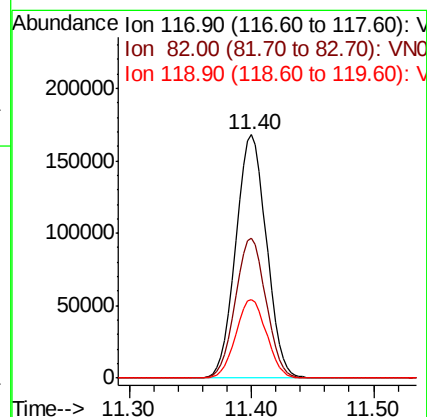
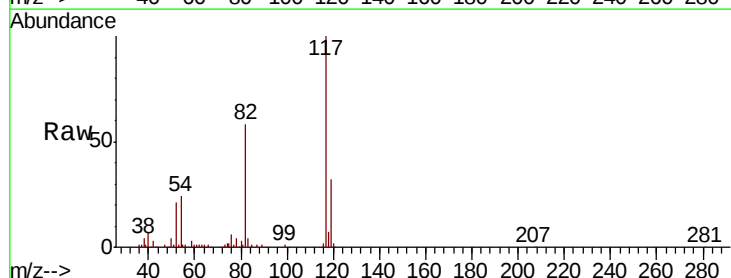
Tgt Ion: 117 Resp: 293457

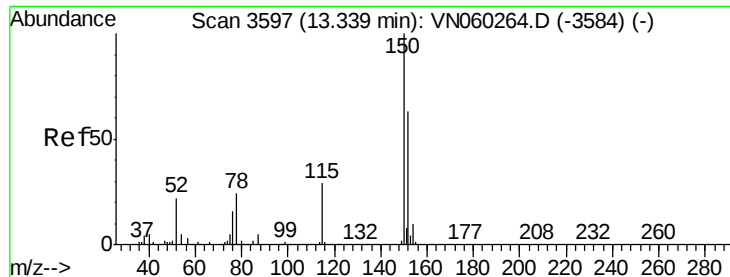
Ion Ratio Lower Upper

117 100

82 57.5 45.8 68.6

119 32.5 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060381.D

Acq: 6 Mar 2020 15:28

Instrument :

MSVOA\_N

ClientSampleId :

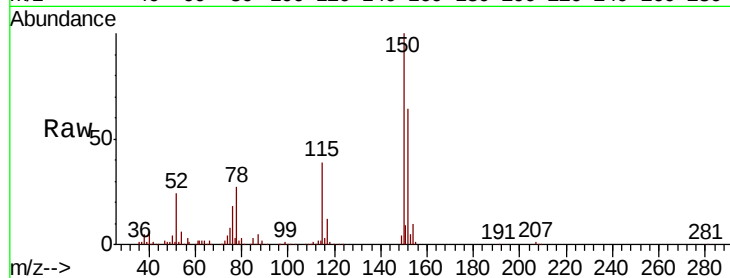
Tot Ion:152 Resp: 135493

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

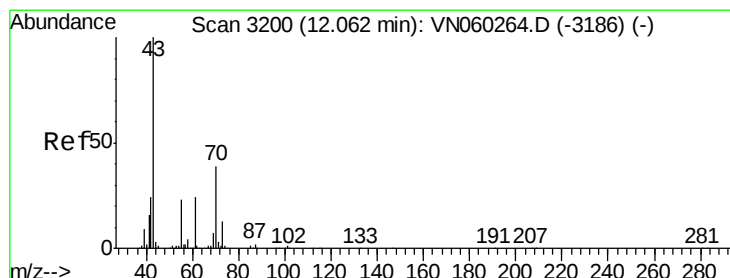
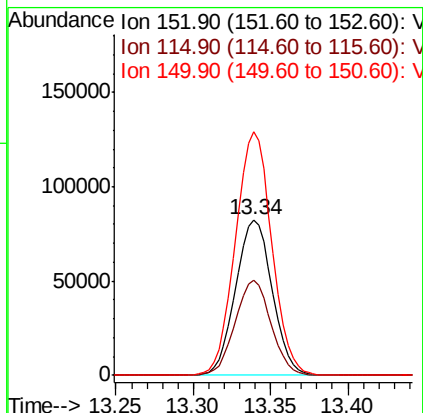
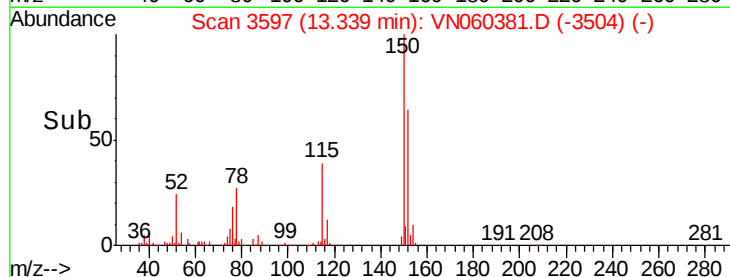
150 155.5 0.0 349.6



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: 0.501 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. -0.04 min

Lab File: VN060381.D

Acq: 6 Mar 2020 15:28

Tgt Ion: 43 Resp: 2198

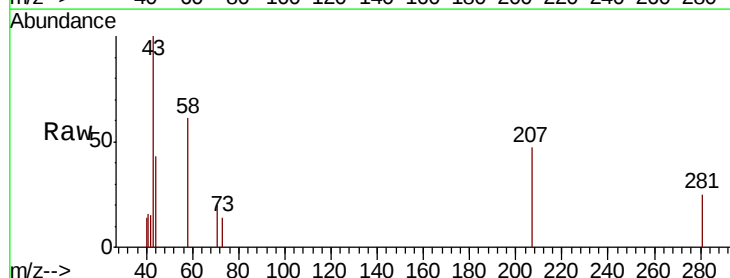
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.2#

55 0.0 18.2 27.4#

61 0.0 19.2 28.8#

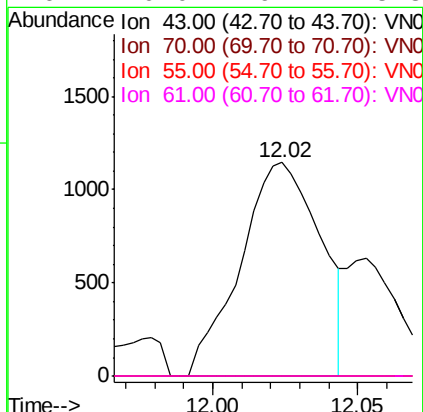
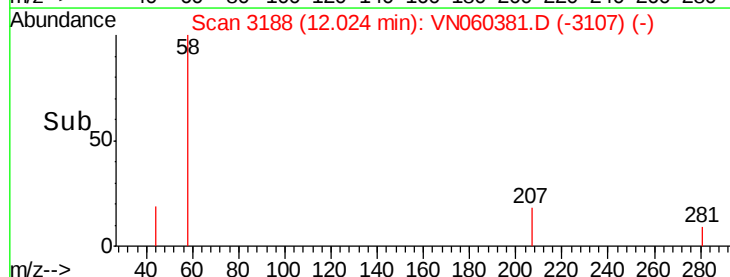


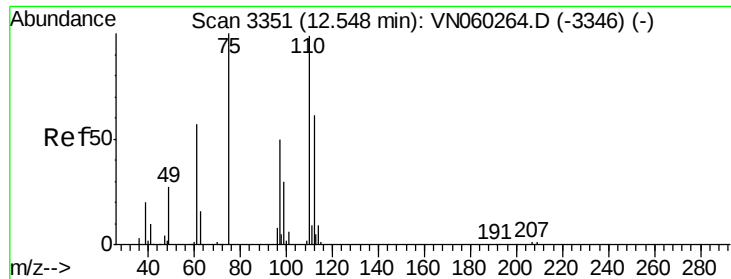
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 24.673 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060381.D

Acq: 6 Mar 2020 15:28

Instrument :

MSVOA\_N

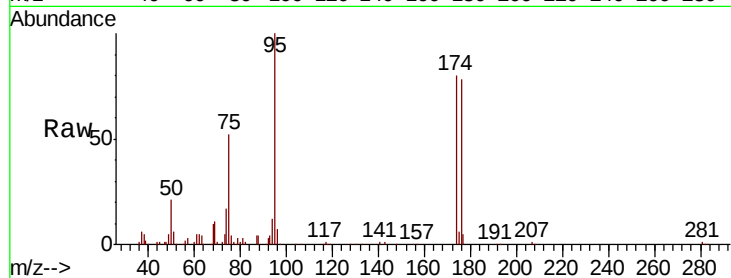
ClientSampled :

Tot Ion: 75 Resp: 73345

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN060264.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060264.D (-3346) (-)

12.40

40000

30000

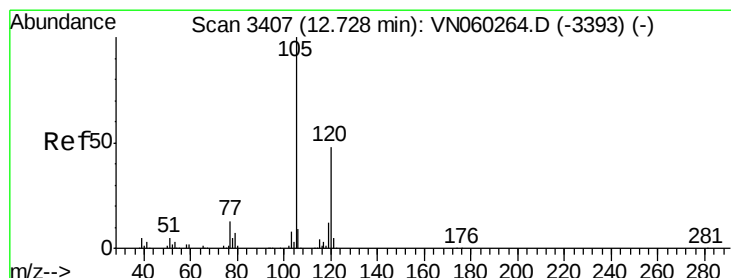
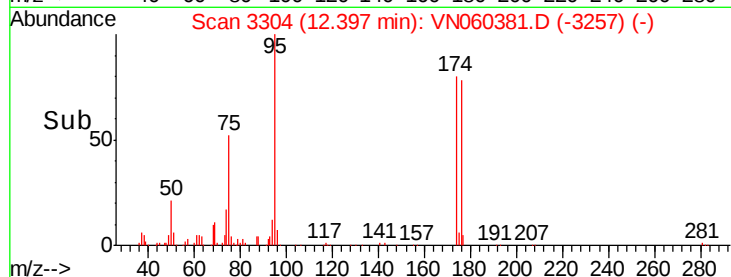
20000

10000

0

12.35 12.40 12.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.279 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060381.D

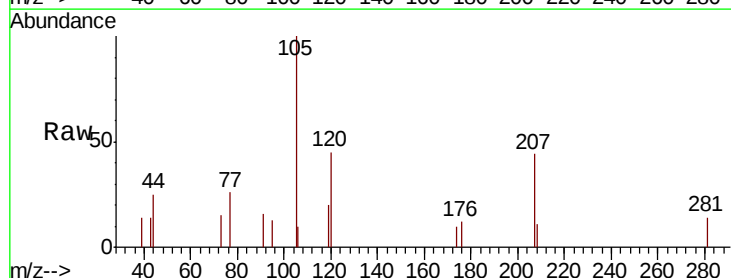
Acq: 6 Mar 2020 15:28

Tgt Ion: 105 Resp: 2356

Ion Ratio Lower Upper

105 100

120 50.3 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060264.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN060264.D (-3393) (-)

12.73

1500

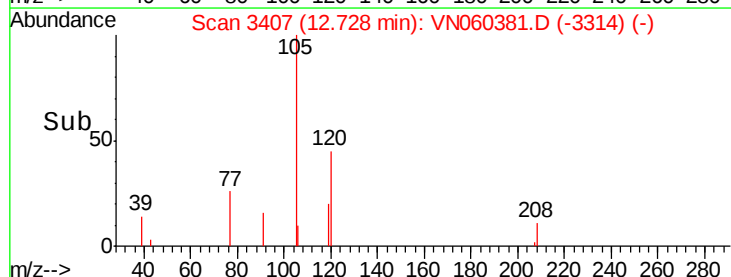
1000

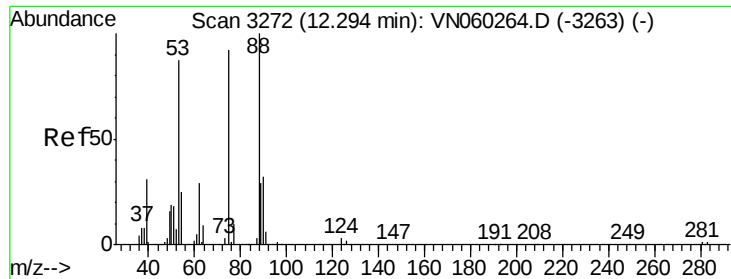
500

0

12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 68.108 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060381.D

Acq: 6 Mar 2020 15:28

Instrument :

MSVOA\_N

ClientSampleId :

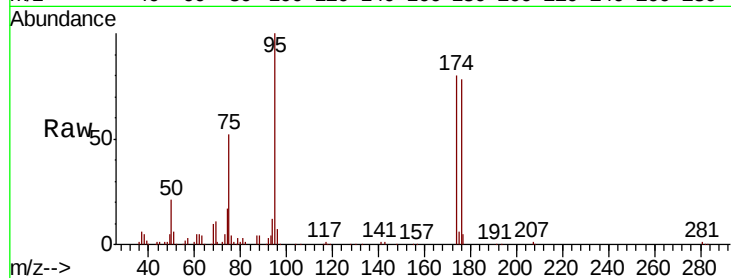
Tot Ion: 75 Resp: 73345

Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

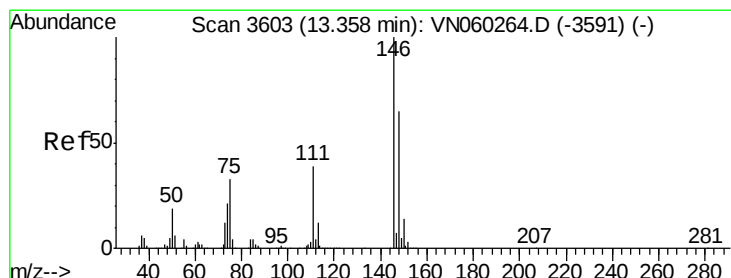
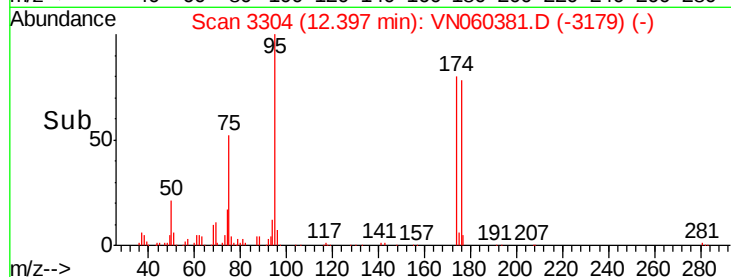
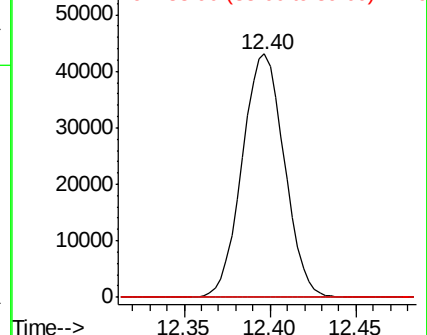
89 0.0 57.1 85.7#



Abundance Ion 74.90 (74.60 to 75.60): VN060381.D (-3179) (-)

Ion 53.00 (52.70 to 53.70): VN060381.D (-3179) (-)

Ion 88.90 (88.60 to 89.60): VN060381.D (-3179) (-)



#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.35 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN060381.D

Acq: 6 Mar 2020 15:28

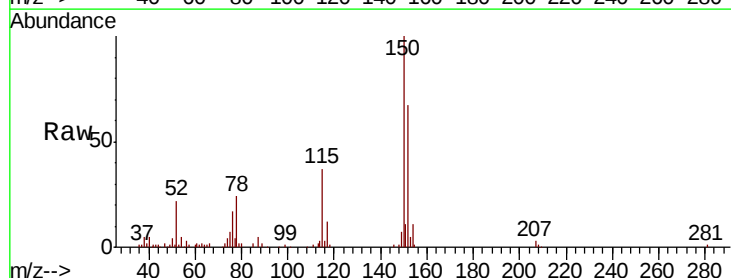
Tgt Ion: 146 Resp: 261

Ion Ratio Lower Upper

146 100

111 0.0 19.8 59.4#

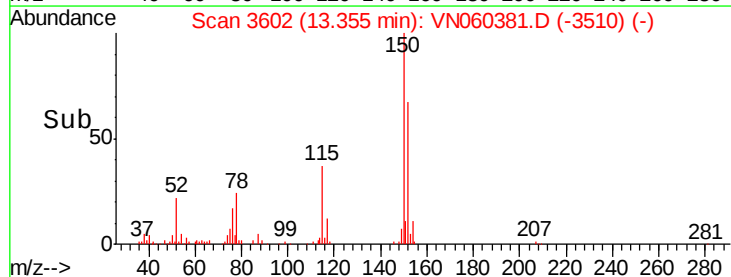
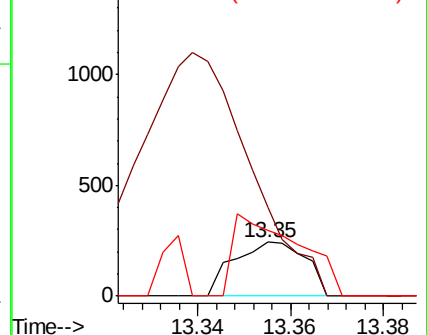
148 139.8 32.3 96.9#

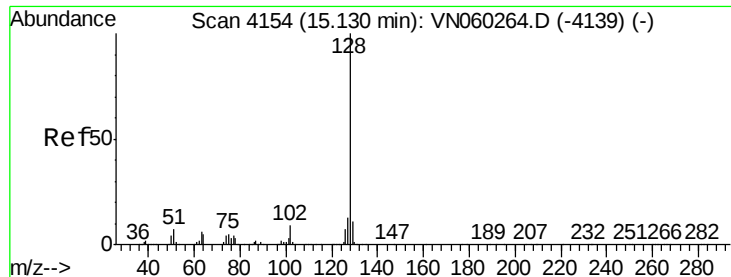


Abundance Ion 145.90 (145.60 to 146.60): VN060381.D (-3510) (-)

Ion 110.90 (110.60 to 111.60): VN060381.D (-3510) (-)

Ion 147.90 (147.60 to 148.60): VN060381.D (-3510) (-)





#95  
Naphthalene  
Concen: Below Cal  
RT: 15.13 min Scan# 4153  
Delta R.T. -0.00 min  
Lab File: VN060381.D  
Acq: 6 Mar 2020 15:28

Instrument :  
MSVOA\_N  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 0.0   | 10.4  | 15.6# |
| 129     | 0.0   | 8.6   | 13.0# |

