

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\  
 Data File : VN059840.D  
 Acq On : 24 Jan 2020 13:10  
 Operator : JC/MD  
 Sample : PB126303TB  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jan 25 00:27:17 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  | 206884   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 309486   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 271637   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 111967   | 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   | 109664   | 47.73 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.46%  |          |
| 35) Dibromofluoromethane    | 7.57  | 113  | 92615    | 50.18 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.36% |          |
| 50) Toluene-d8              | 10.08 | 98   | 362556   | 50.70 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.40% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 118961   | 46.15 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.30%  |          |

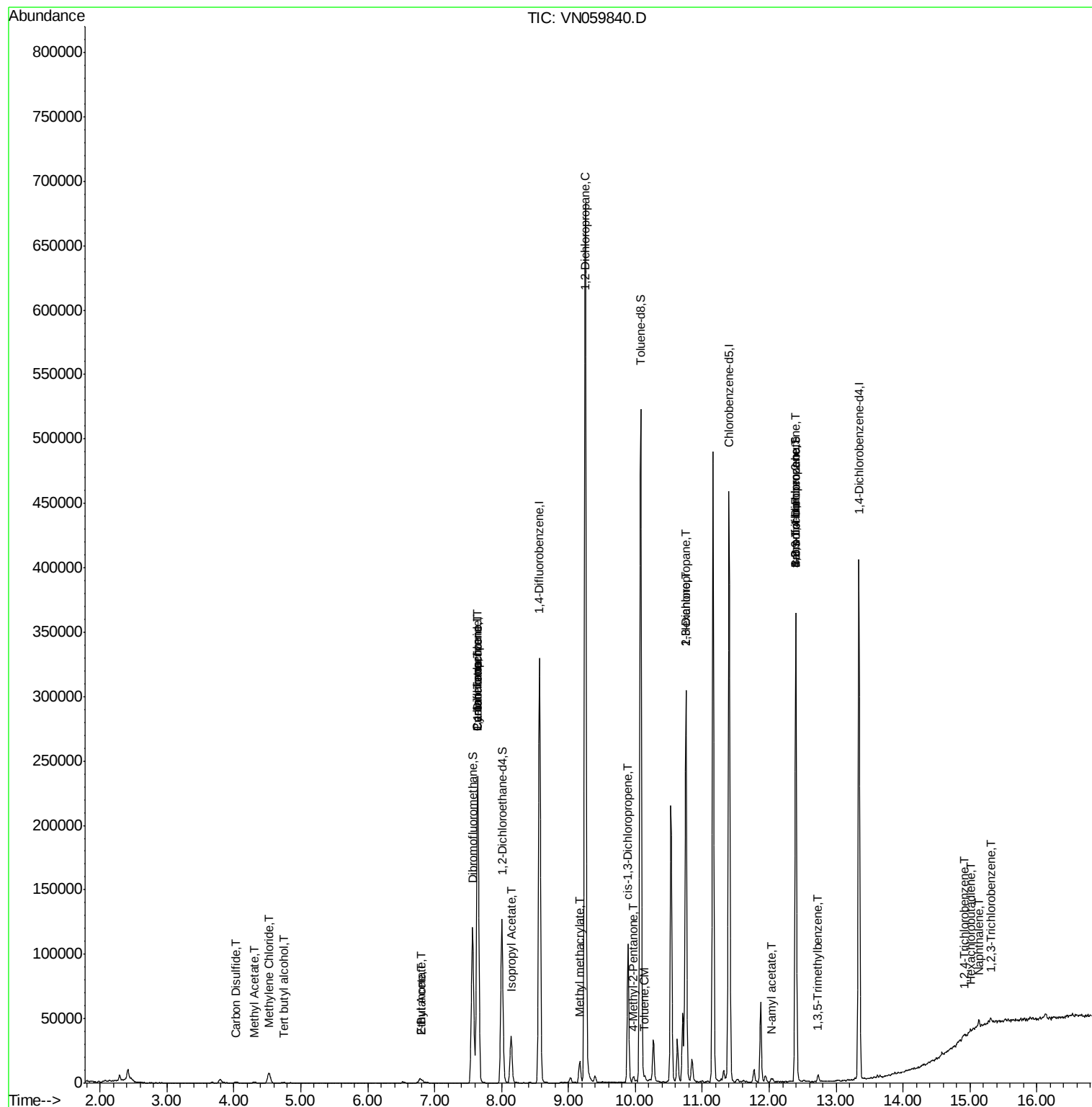
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 11) Tert butyl alcohol         | 4.75  | 59   | 246      | 0.636     | ug/l # | 72     |
| 16) Acetone                    | 3.79  | 43   | 5016     | Below Cal |        | 96     |
| 17) Carbon Disulfide           | 4.04  | 76   | 1204     | 0.223     | ug/l # | 75     |
| 18) Methyl Acetate             | 4.31  | 43   | 1260     | 0.470     | ug/l # | 54     |
| 20) Methylene Chloride         | 4.52  | 84   | 6597     | 1.930     | ug/l   | 86     |
| 25) 2-Butanone                 | 6.82  | 43   | 3181     | 2.445     | ug/l # | 88     |
| 31) Cyclohexane                | 7.64  | 56   | 3794     | 1.116     | ug/l # | 14     |
| 36) 1,1-Dichloropropene        | 7.64  | 75   | 14186    | 5.264     | ug/l # | 50     |
| 37) Ethyl Acetate              | 6.82  | 43   | 3181     | 1.258     | ug/l # | 69     |
| 38) Carbon Tetrachloride       | 7.64  | 117  | 19109    | 6.518     | ug/l # | 16     |
| 43) Isopropyl Acetate          | 8.14  | 43   | 43617    | 10.032    | ug/l # | 91     |
| 45) 1,2-Dichloropropane        | 9.25  | 63   | 866      | 0.435     | ug/l # | 44     |
| 48) Methyl methacrylate        | 9.16  | 41   | 2764     | 1.421     | ug/l # | 13     |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 2321     | 0.923     | ug/l # | 84     |
| 52) Toluene                    | 10.14 | 92   | 2119     | 0.417     | ug/l   | 88     |
| 54) cis-1,3-Dichloropropene    | 9.89  | 75   | 20946    | 6.306     | ug/l # | 54     |
| 57) 1,3-Dichloropropane        | 10.75 | 76   | 3263     | 1.022     | ug/l # | 42     |
| 59) 2-Hexanone                 | 10.75 | 43   | 44892    | 24.245    | ug/l # | 57     |
| 71) Bromoform                  | 12.40 | 173  | 577      | 0.349     | ug/l # | 1      |
| 74) N-amyl acetate             | 12.03 | 43   | 2909     | 0.913     | ug/l # | 45     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 60678    | 32.202    | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 3741     | 0.542     | ug/l   | 98     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 60678    | 69.154    | ug/l # | 11     |
| 92) 1,2-Dibromo-3-Chloropropan | 14.25 | 75   | 66       | Below Cal | #      | 6      |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 1322     | 0.616     | ug/l   | 83     |
| 94) Hexachlorobutadiene        | 15.00 | 225  | 354      | 0.299     | ug/l # | 41     |
| 95) Naphthalene                | 15.13 | 128  | 5020     | 0.822     | ug/l # | 96     |
| 96) 1,2,3-Trichlorobenzene     | 15.31 | 180  | 1645     | 0.788     | ug/l   | 95     |

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

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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: VN059840.D

Acq: 24 Jan 2020 13:10

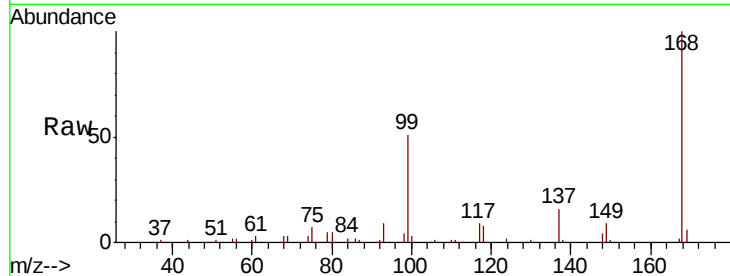
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:168 Resp: 206884

Ion Ratio Lower Upper

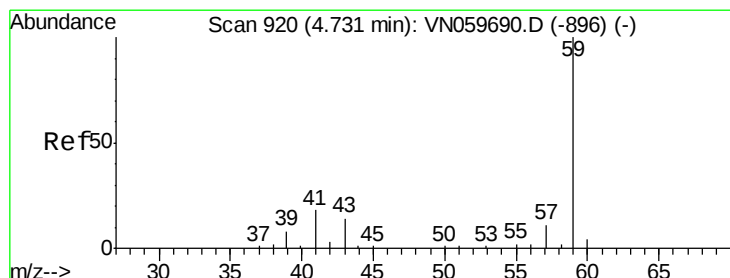
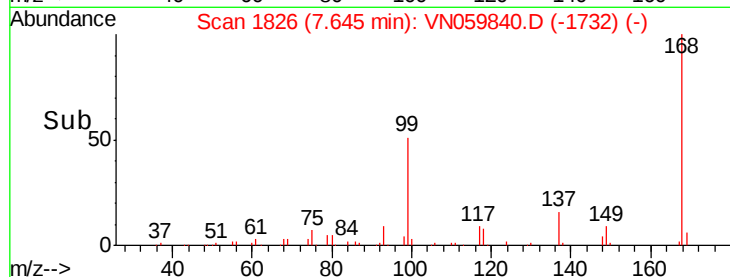
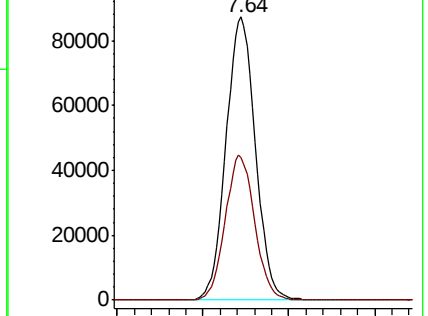
168 100

99 50.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 0.636 ug/l

RT: 4.75 min Scan# 925

Delta R.T. 0.02 min

Lab File: VN059840.D

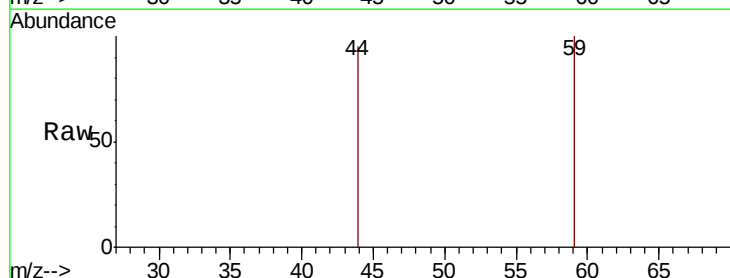
Acq: 24 Jan 2020 13:10

Tgt Ion: 59 Resp: 246

Ion Ratio Lower Upper

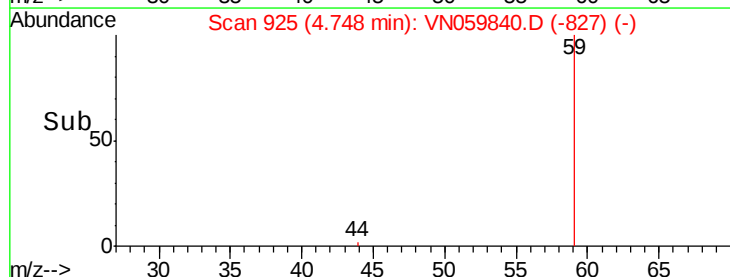
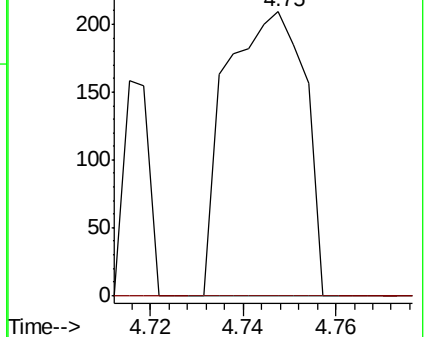
59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN





#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN059840.D

Acq: 24 Jan 2020 13:10

Instrument :

MSVOA\_N

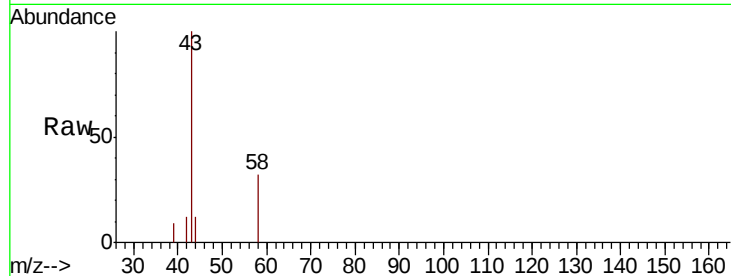
ClientSampleId :

Tot Ion: 43 Resp: 5016

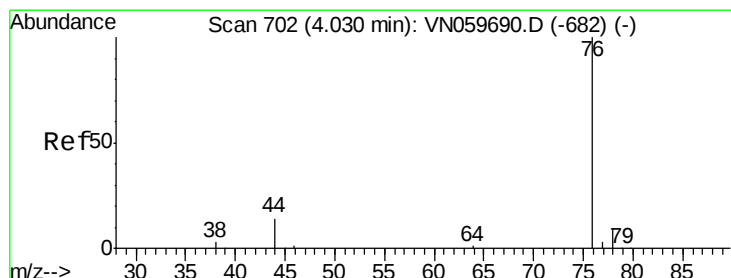
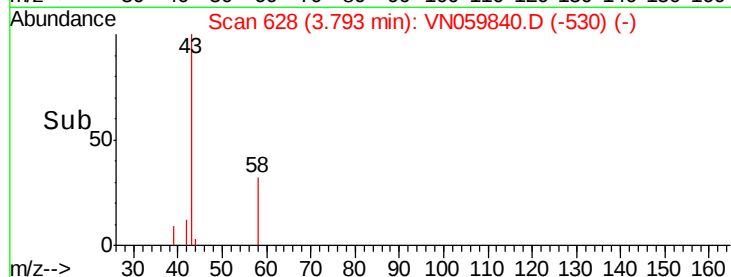
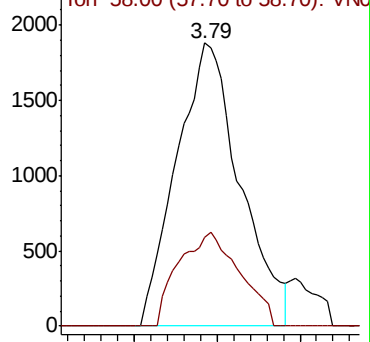
Ion Ratio Lower Upper

43 100

58 31.5 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-593) (-)



#17

Carbon Disulfide

Concen: 0.223 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.01 min

Lab File: VN059840.D

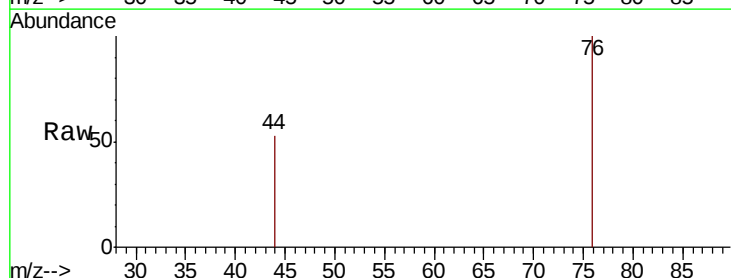
Acq: 24 Jan 2020 13:10

Tgt Ion: 76 Resp: 1204

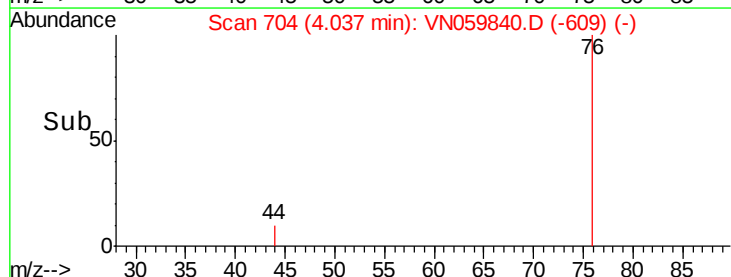
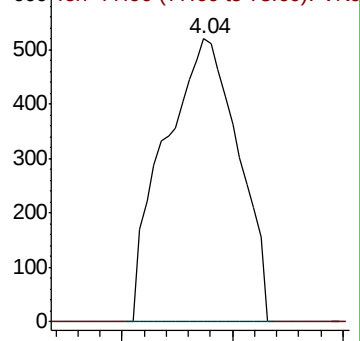
Ion Ratio Lower Upper

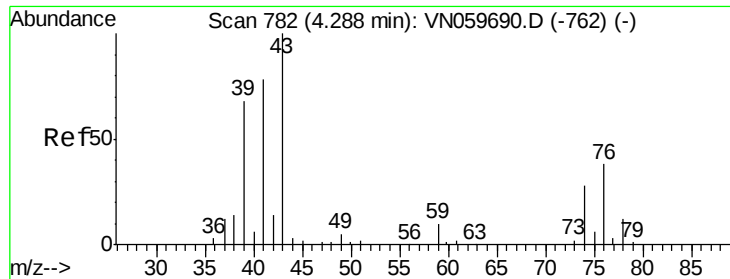
76 100

78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN059690.D (-682) (-)

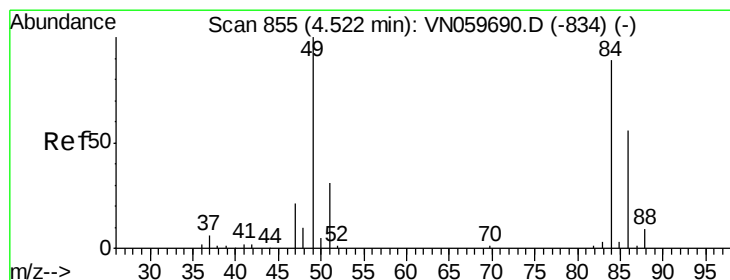
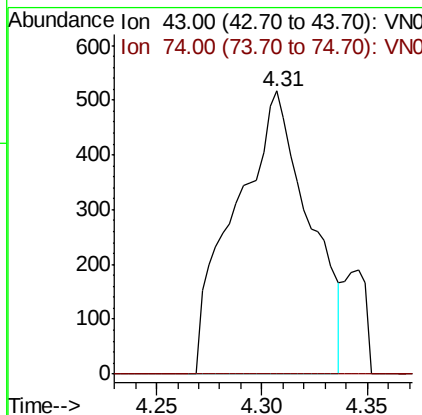
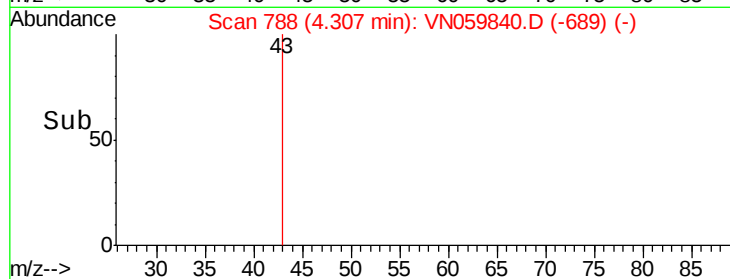
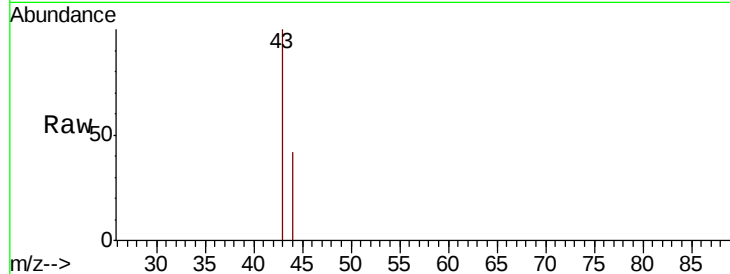




#18  
Methyl Acetate  
Concen: 0.470 ug/l  
RT: 4.31 min Scan# 788  
Delta R.T. 0.02 min  
Lab File: VN059840.D  
Acq: 24 Jan 2020 13:10

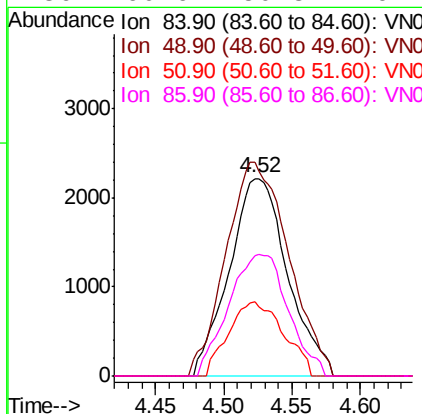
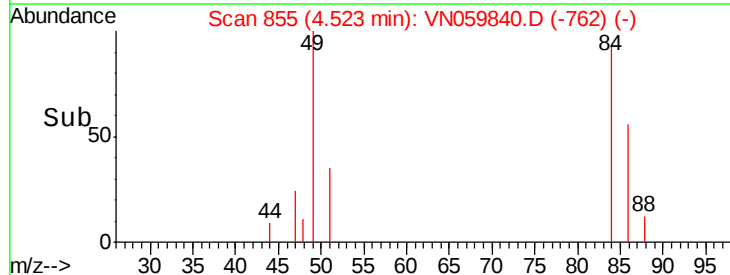
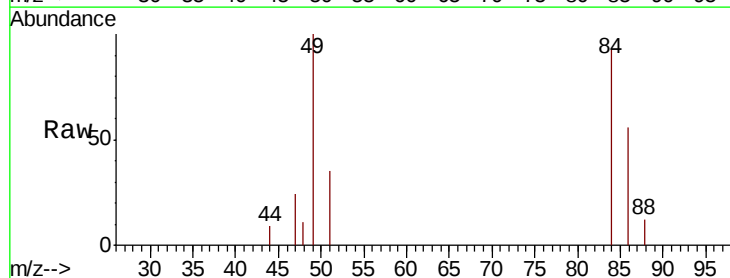
Instrument :  
MSVOA\_N  
ClientSampled :

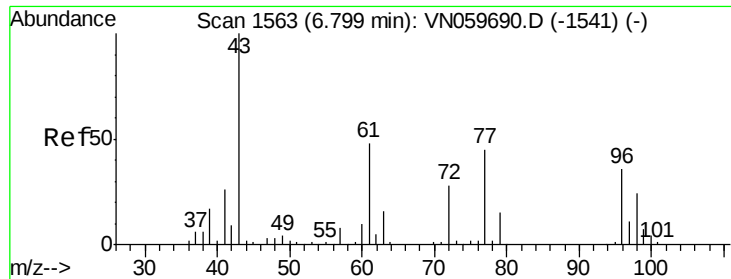
Tot Ion: 43 Resp: 1260  
Ion Ratio Lower Upper  
43 100  
74 0.0 17.5 26.3#



#20  
Methylene Chloride  
Concen: 1.930 ug/l  
RT: 4.52 min Scan# 855  
Delta R.T. 0.00 min  
Lab File: VN059840.D  
Acq: 24 Jan 2020 13:10

Tgt Ion: 84 Resp: 6597  
Ion Ratio Lower Upper  
84 100  
49 107.9 106.6 160.0  
51 37.3 31.9 47.9  
86 60.6 50.8 76.2

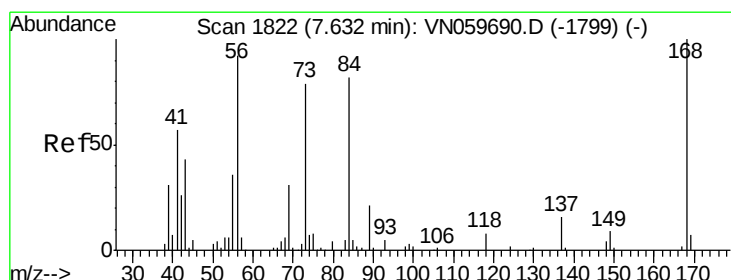
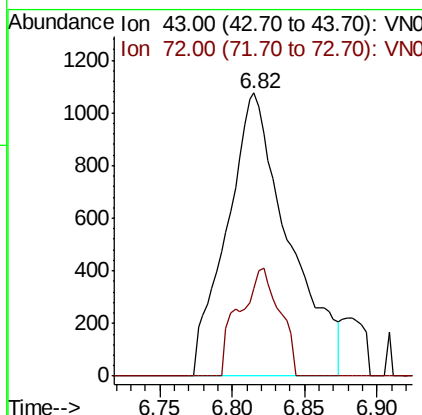
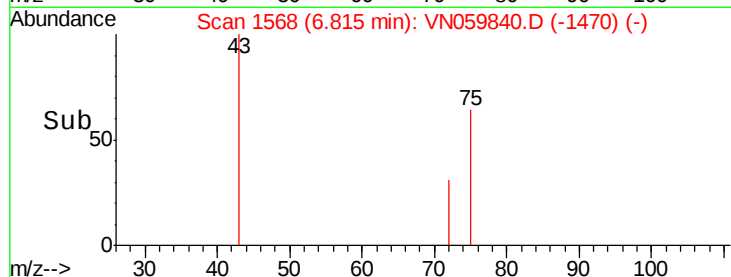
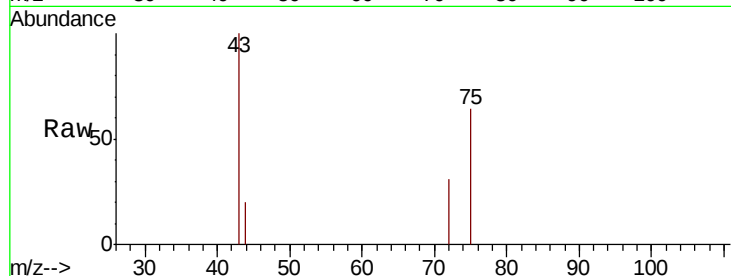




#25  
2-Butanone  
Concen: 2.445 ug/l  
RT: 6.82 min Scan# 1568  
Delta R.T. 0.02 min  
Lab File: VN059840.D  
Acq: 24 Jan 2020 13:10

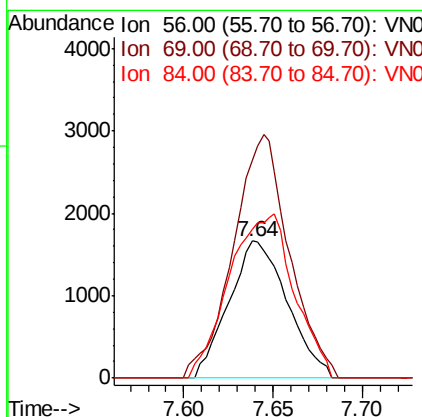
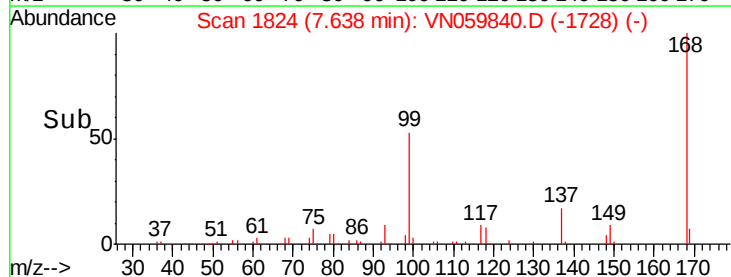
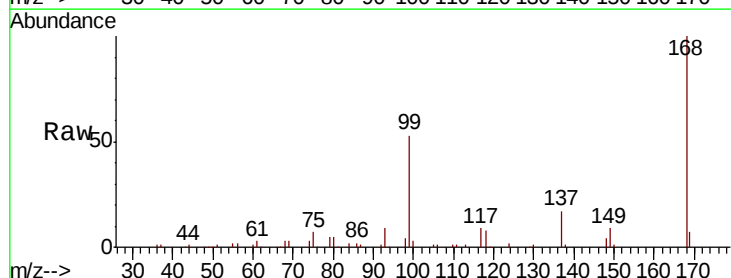
Instrument :  
MSVOA\_N  
ClientSampled :

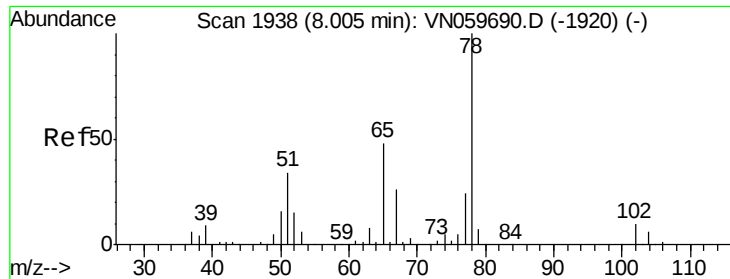
Tot Ion: 43 Resp: 3181  
Ion Ratio Lower Upper  
43 100  
72 31.1 19.9 29.9#



#31  
Cyclohexane  
Concen: 1.116 ug/l  
RT: 7.64 min Scan# 1824  
Delta R.T. 0.01 min  
Lab File: VN059840.D  
Acq: 24 Jan 2020 13:10

Tgt Ion: 56 Resp: 3794  
Ion Ratio Lower Upper  
56 100  
69 158.9 26.5 39.7#  
84 108.8 65.3 97.9#

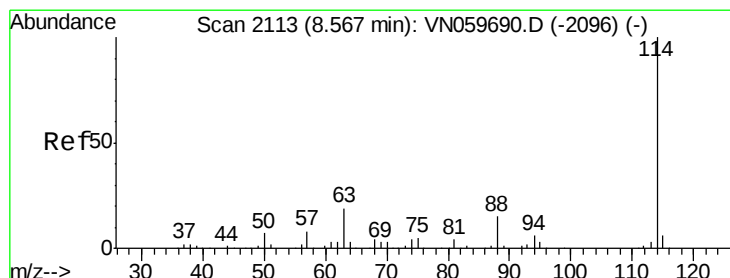
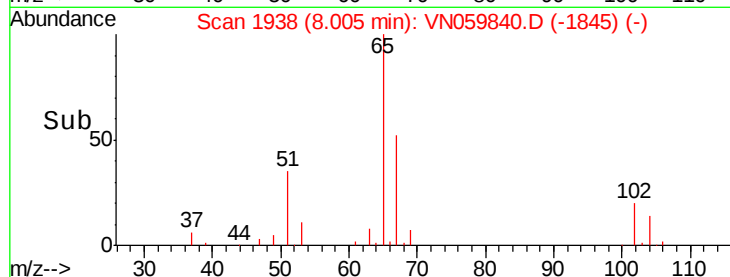
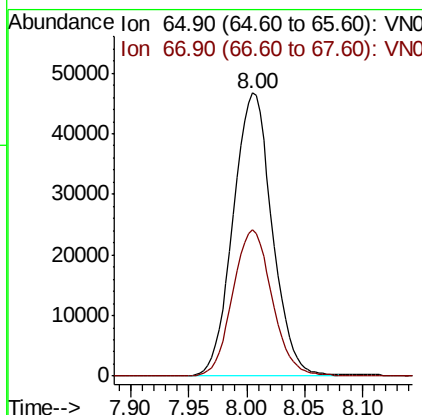
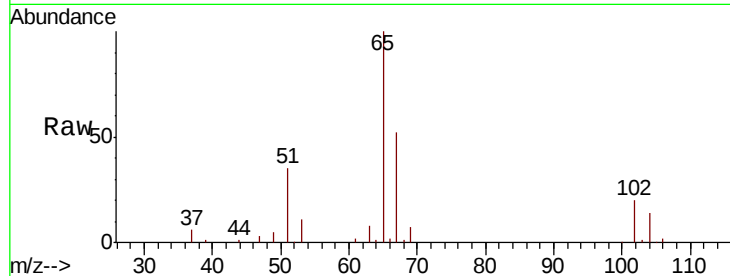




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.732 ug/l  
 RT: 8.00 min Scan# 1938  
 Delta R.T. 0.00 min  
 Lab File: VN059840.D  
 Acq: 24 Jan 2020 13:10

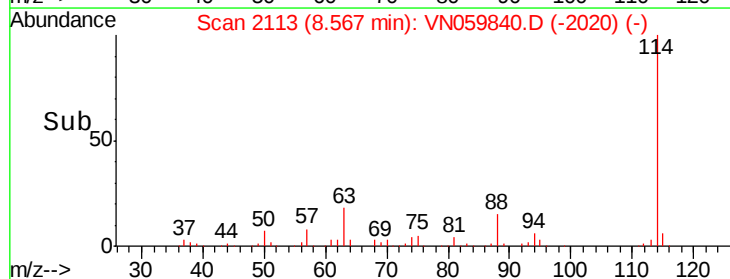
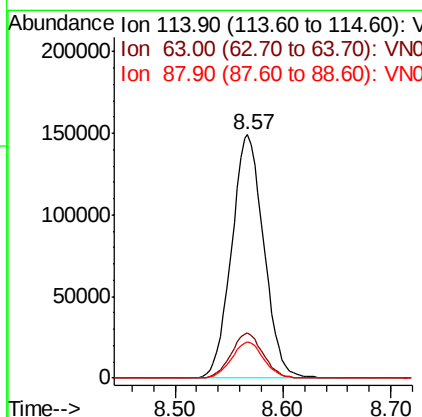
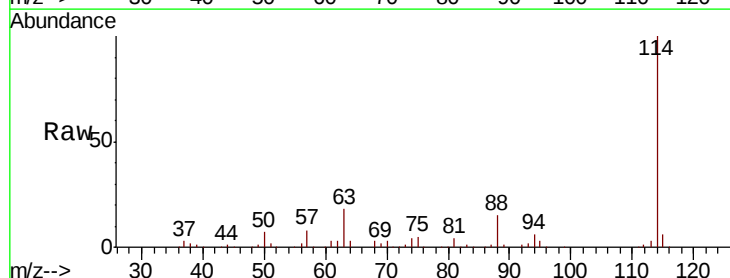
Instrument :  
 MSVOA\_N  
 ClientSampled :

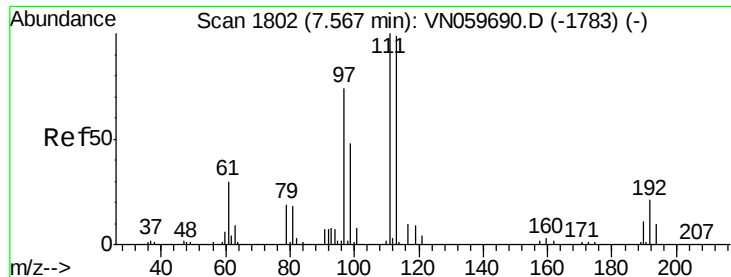
Tot Ion: 65 Resp: 109664  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VN059840.D  
 Acq: 24 Jan 2020 13:10

Tgt Ion: 114 Resp: 309486  
 Ion Ratio Lower Upper  
 114 100  
 63 18.4 0.0 43.6  
 88 15.0 0.0 31.4

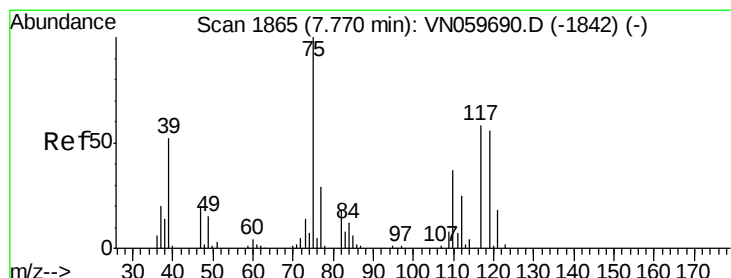
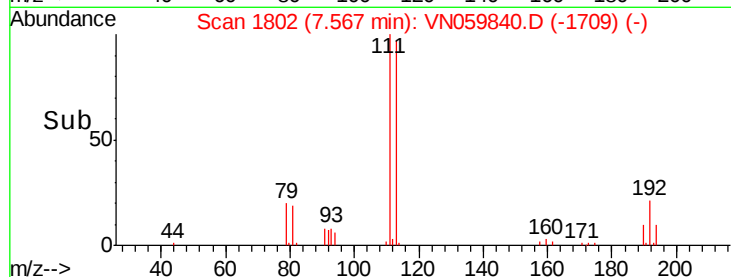
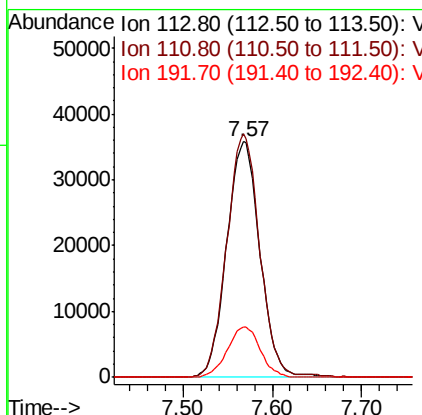
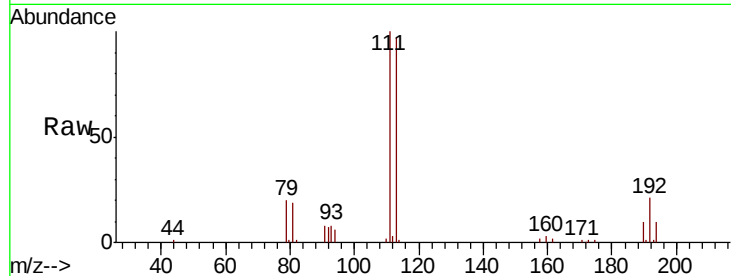




#35  
 Dibromofluoromethane  
 Concen: 50.181 ug/l  
 RT: 7.57 min Scan# 1802  
 Delta R.T. 0.00 min  
 Lab File: VN059840.D  
 Acq: 24 Jan 2020 13:10

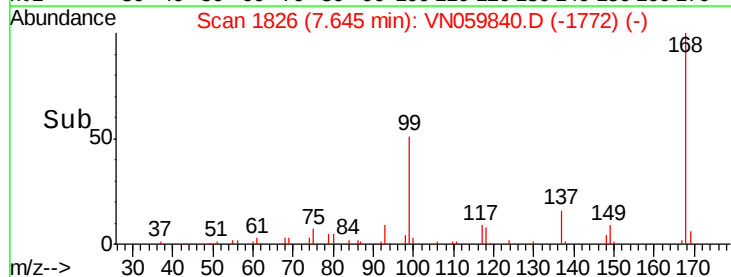
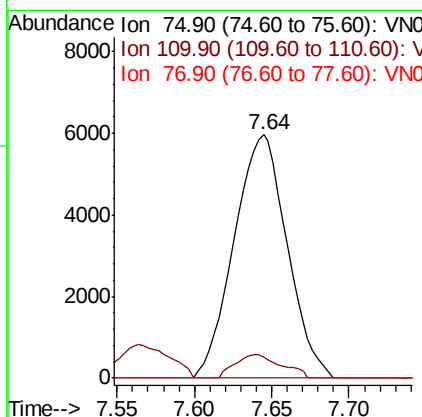
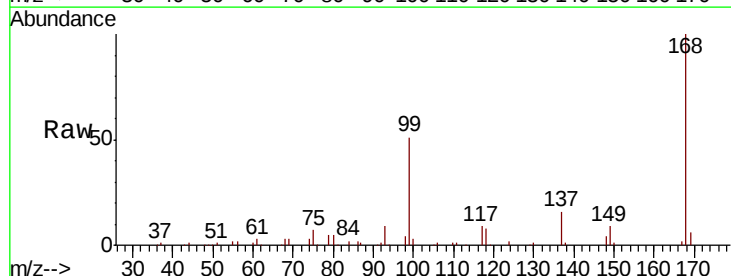
Instrument :  
 MSVOA\_N  
 ClientSampleId :

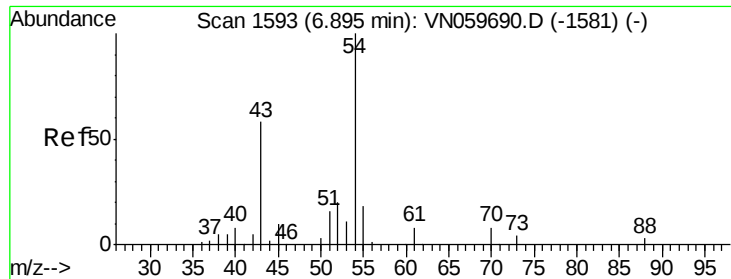
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.4 | 83.5  | 125.3 |
| 192     | 21.1  | 15.4  | 23.2  |



#36  
 1,1-Dichloropropene  
 Concen: 5.264 ug/l  
 RT: 7.64 min Scan# 1826  
 Delta R.T. -0.13 min  
 Lab File: VN059840.D  
 Acq: 24 Jan 2020 13:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 8.4   | 16.6  | 49.7# |
| 77      | 0.0   | 25.1  | 37.7# |

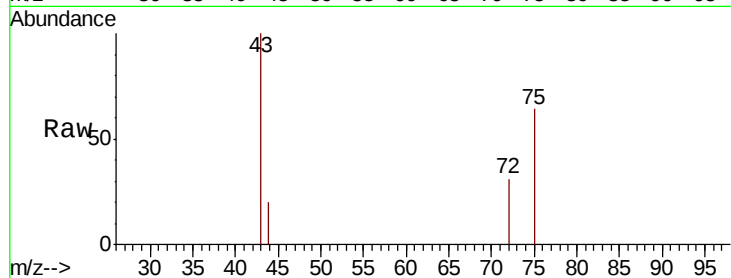




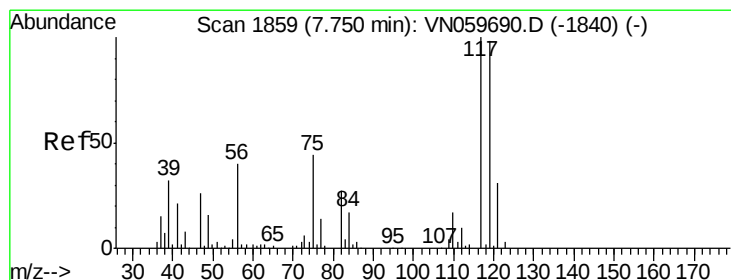
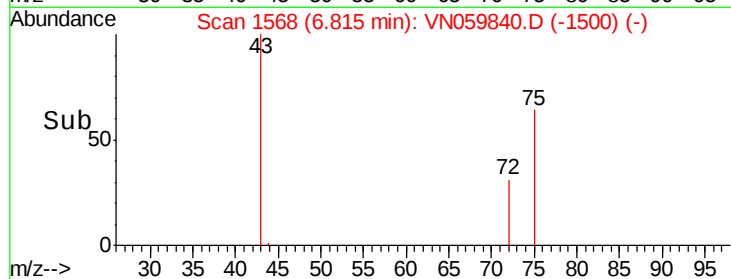
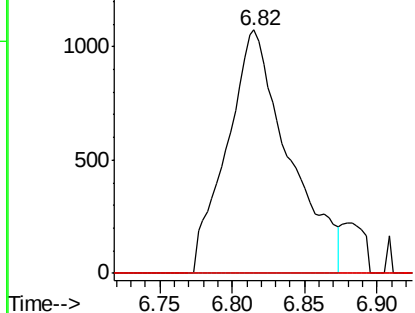
#37  
Ethyl Acetate  
Concen: 1.258 ug/l  
RT: 6.82 min Scan# 1568  
Delta R.T. -0.08 min  
Lab File: VN059840.D  
Acq: 24 Jan 2020 13:10

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 3181  
Ion Ratio Lower Upper  
43 100  
61 0.0 10.9 16.3#  
70 0.0 7.7 11.5#

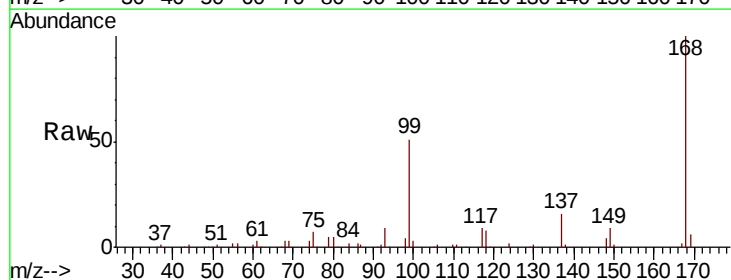


Abundance Ion 43.00 (42.70 to 43.70): VN059840.D (-1568) (-)  
Ion 60.90 (60.60 to 61.60): VN059840.D (-1568) (-)  
Ion 70.00 (69.70 to 70.70): VN059840.D (-1568) (-)

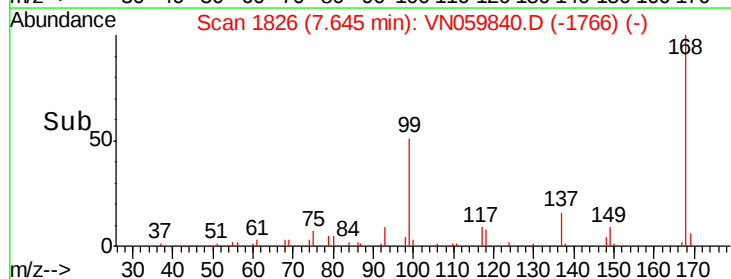
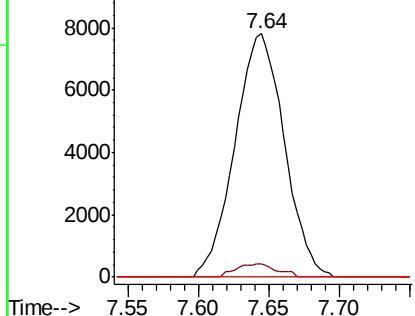


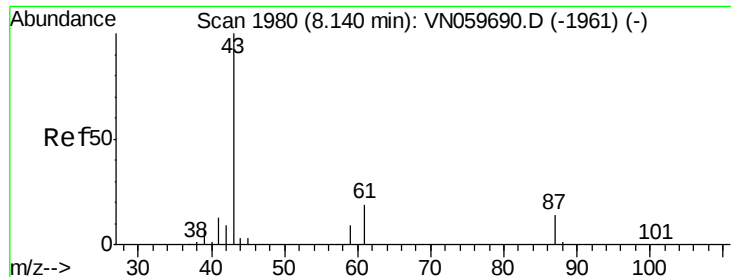
#38  
Carbon Tetrachloride  
Concen: 6.518 ug/l  
RT: 7.64 min Scan# 1826  
Delta R.T. -0.11 min  
Lab File: VN059840.D  
Acq: 24 Jan 2020 13:10

Tgt Ion: 117 Resp: 19109  
Ion Ratio Lower Upper  
117 100  
119 5.4 76.5 114.7#  
121 0.0 25.1 37.7#



Abundance Ion 116.80 (116.50 to 117.50): VN059840.D (-1826) (-)  
Ion 118.80 (118.50 to 119.50): VN059840.D (-1826) (-)  
Ion 120.80 (120.50 to 121.50): VN059840.D (-1826) (-)





#43

Isopropyl Acetate

Concen: 10.032 ug/l

RT: 8.14 min Scan# 1981

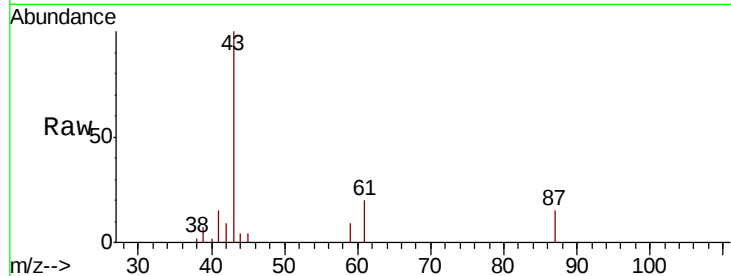
Delta R.T. 0.00 min

Lab File: VN059840.D

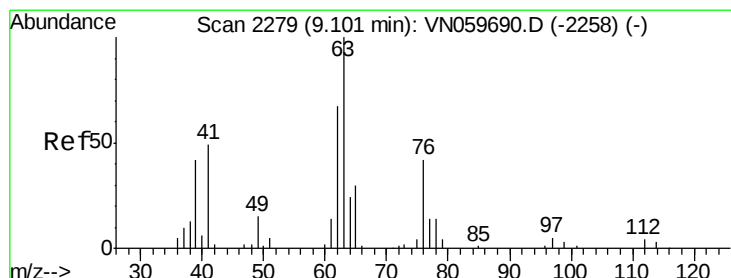
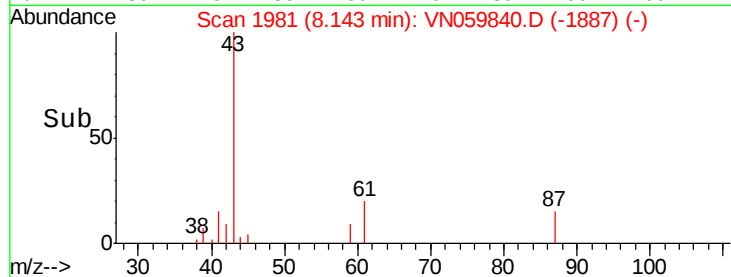
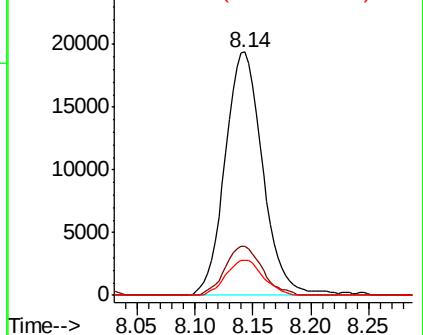
Acq: 24 Jan 2020 13:10

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 43 Resp: 43617  
Ion Ratio Lower Upper  
43 100  
61 19.7 20.2 30.2#  
87 14.2 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 61.00 (60.70 to 61.70): VN0  
Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.435 ug/l

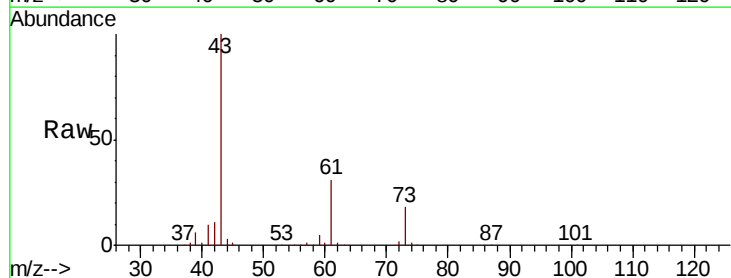
RT: 9.25 min Scan# 2325

Delta R.T. 0.15 min

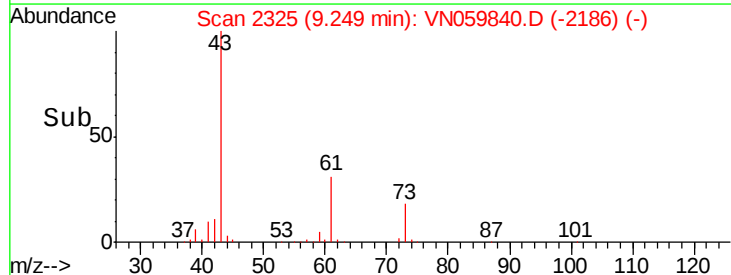
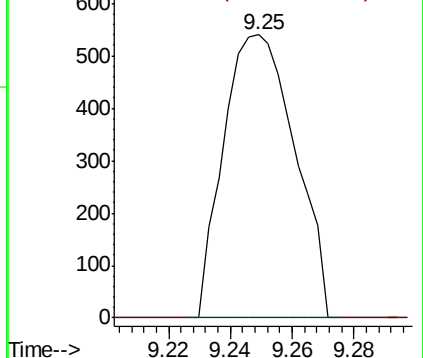
Lab File: VN059840.D

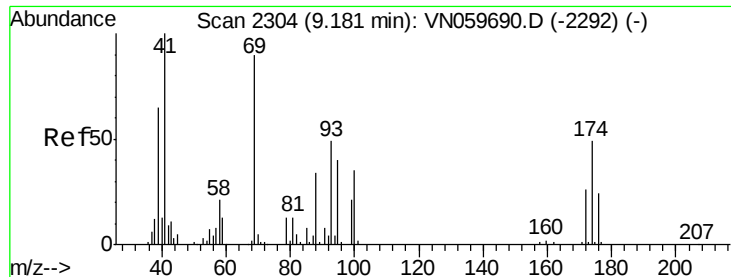
Acq: 24 Jan 2020 13:10

Tgt Ion: 63 Resp: 866  
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

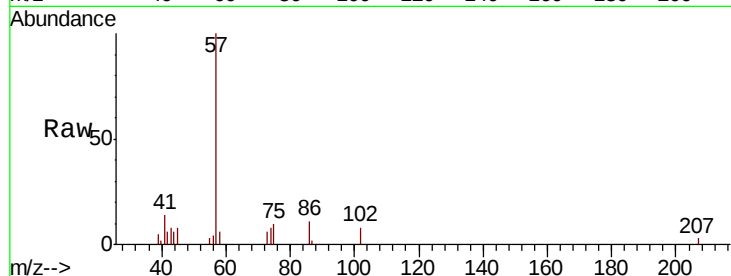




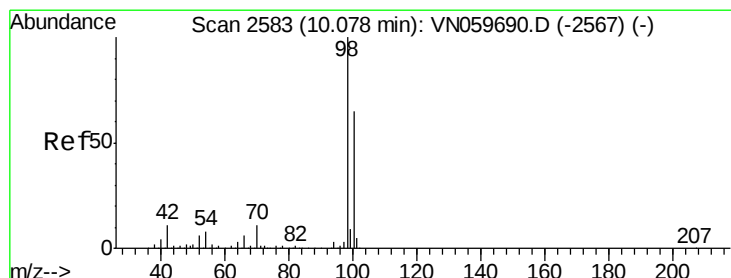
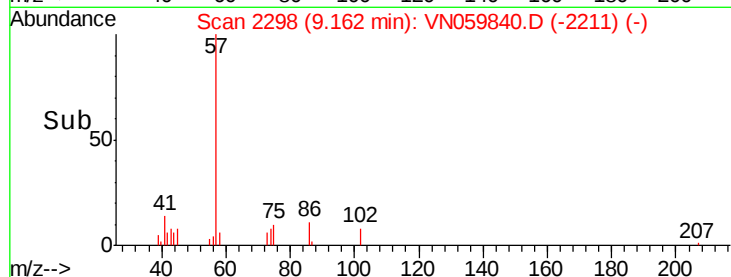
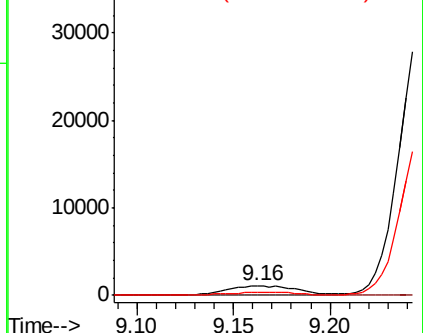
#48  
Methvl methacrylate  
Concen: 1.421 ug/l  
RT: 9.16 min Scan# 2298  
Delta R.T. -0.02 min  
Lab File: VN059840.D  
Acq: 24 Jan 2020 13:10

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 41 Resp: 2764  
Ion Ratio Lower Upper  
41 100  
69 0.0 64.4 96.6#  
39 0.0 51.3 76.9#

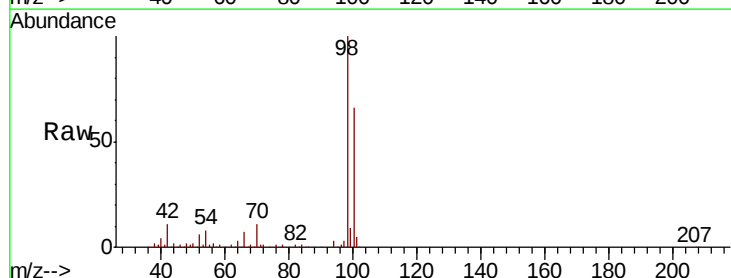


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0

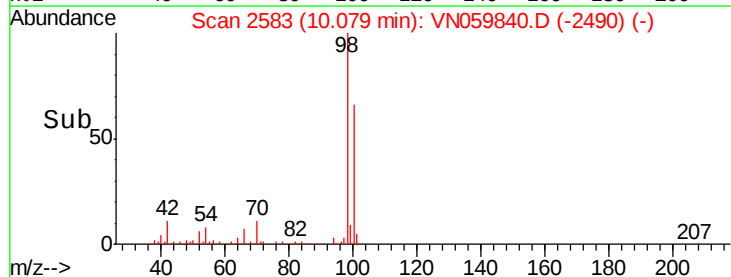
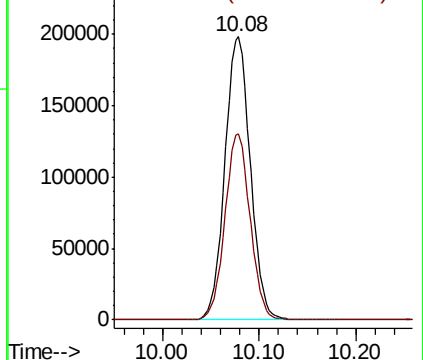


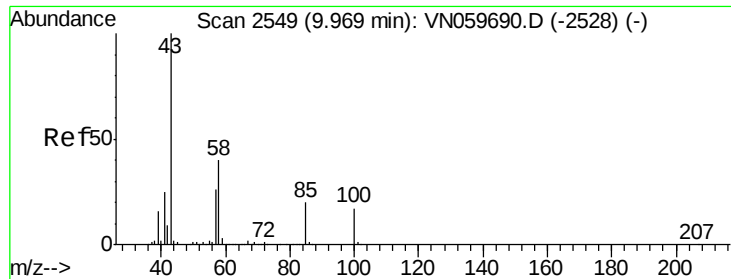
#50  
Toluene-d8  
Concen: 50.702 ug/l  
RT: 10.08 min Scan# 2583  
Delta R.T. 0.00 min  
Lab File: VN059840.D  
Acq: 24 Jan 2020 13:10

Tgt Ion: 98 Resp: 362556  
Ion Ratio Lower Upper  
98 100  
100 64.9 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 0.923 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059840.D

Acq: 24 Jan 2020 13:10

Instrument :

MSVOA\_N

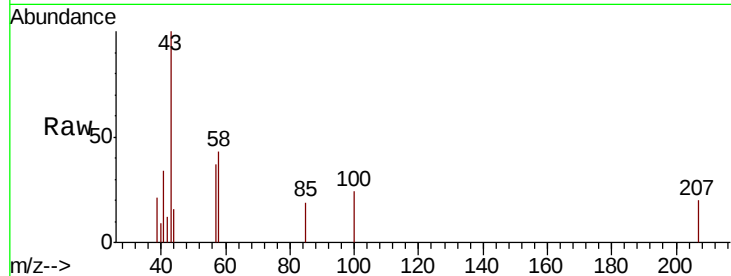
ClientSampleId :

Tot Ion: 43 Resp: 2321

Ion Ratio Lower Upper

43 100

58 47.1 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN059690.D (-2528) (-)

8000

6000

4000

2000

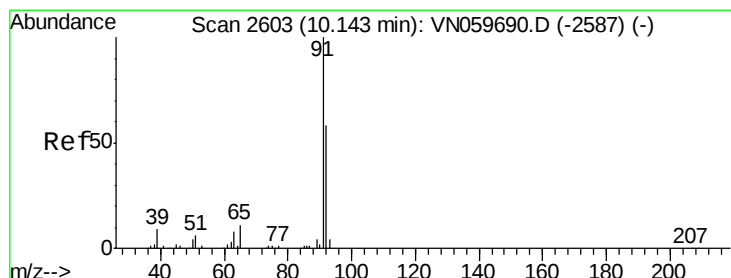
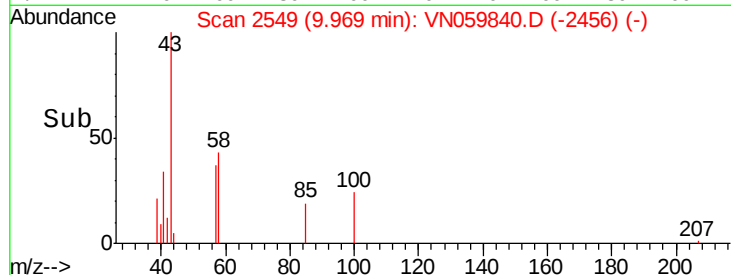
0

9.95

9.97

10.00

Time-->



#52

Toluene

Concen: 0.417 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059840.D

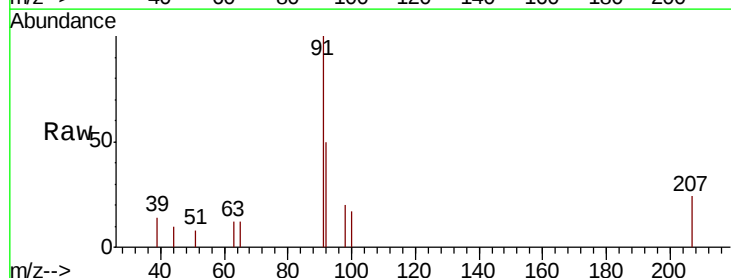
Acq: 24 Jan 2020 13:10

Tgt Ion: 92 Resp: 2119

Ion Ratio Lower Upper

92 100

91 192.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VN059690.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN059690.D (-2587) (-)

2500

2000

1500

1000

500

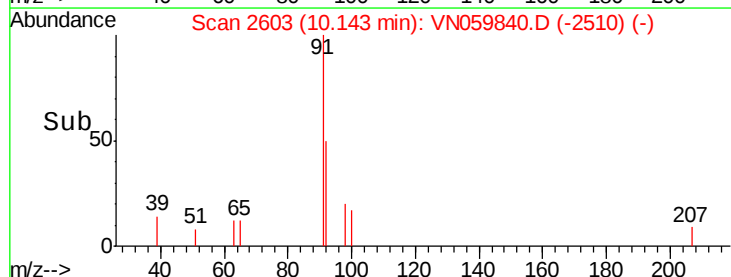
0

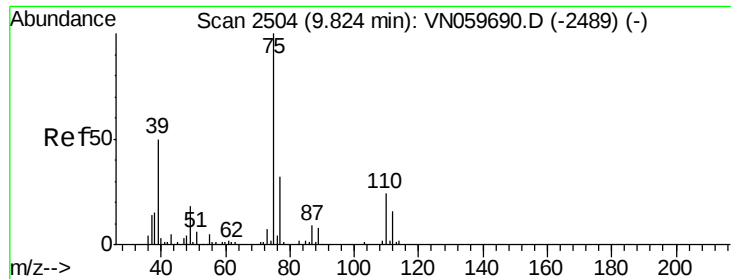
10.10

10.14

10.15

Time-->





#54

cis-1,3-Dichloropropene

Concen: 6.306 ug/l

RT: 9.89 min Scan# 2524

Delta R.T. 0.06 min

Lab File: VN059840.D

Acq: 24 Jan 2020 13:10

Instrument :

MSVOA\_N

ClientSampleId :

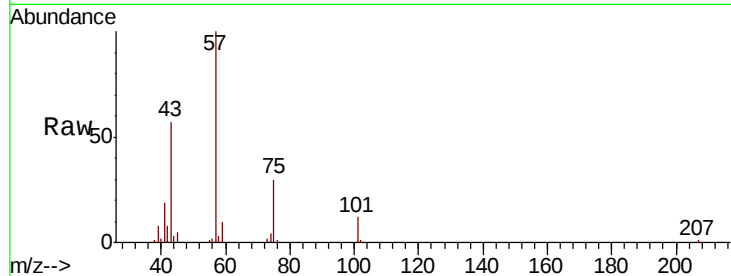
Tot Ion: 75 Resp: 20946

Ion Ratio Lower Upper

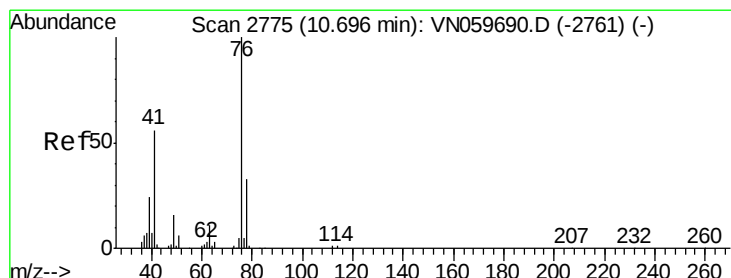
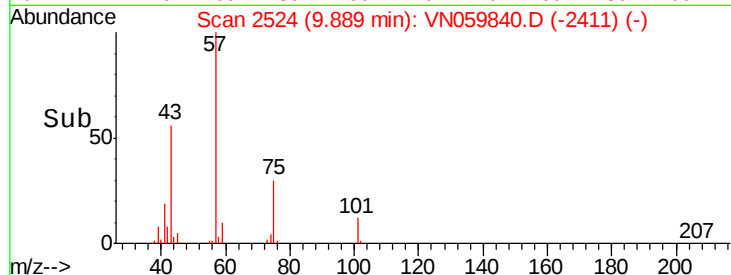
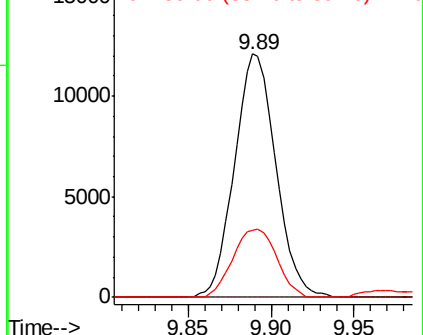
75 100

77 0.0 25.1 37.7#

39 27.8 46.1 69.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0  
Ion 76.90 (76.60 to 77.60): VN0  
Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.022 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN059840.D

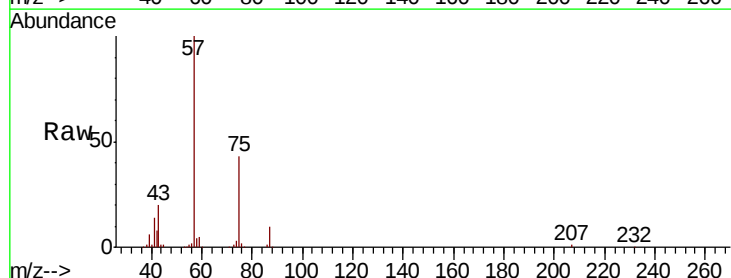
Acq: 24 Jan 2020 13:10

Tgt Ion: 76 Resp: 3263

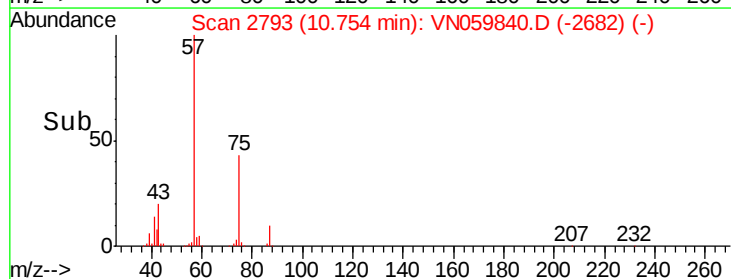
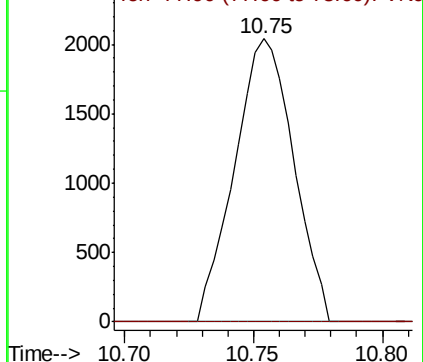
Ion Ratio Lower Upper

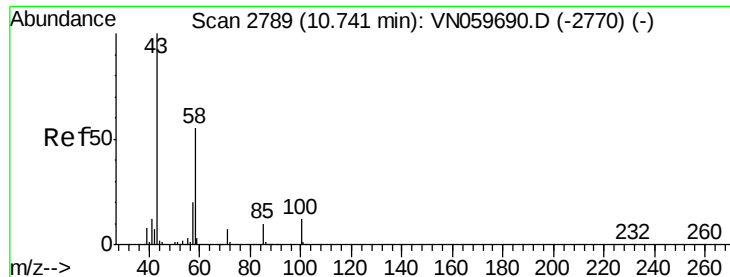
76 100

78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0  
Ion 77.90 (77.60 to 78.60): VN0

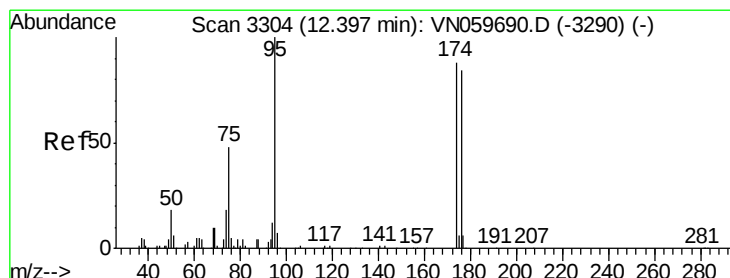
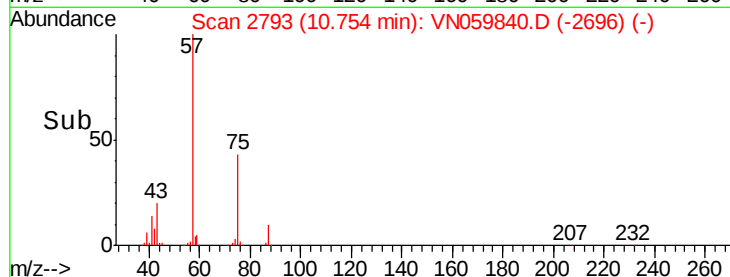
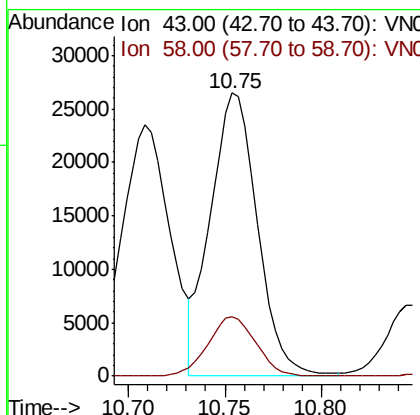
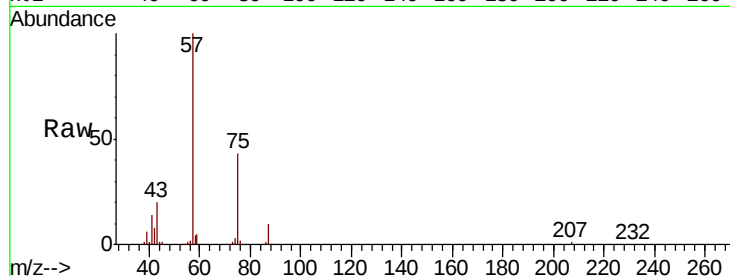




#59  
2-Hexanone  
Concen: 24.245 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. 0.01 min  
Lab File: VN059840.D  
Acq: 24 Jan 2020 13:10

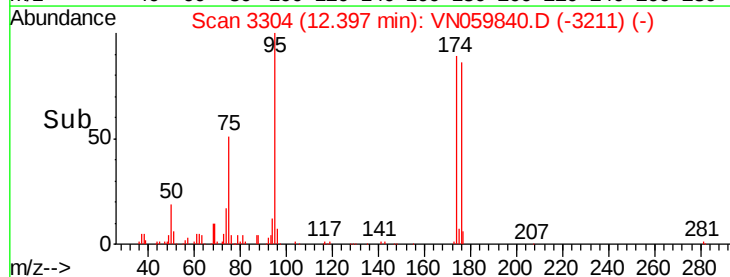
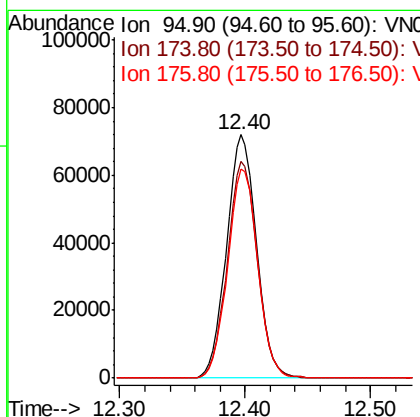
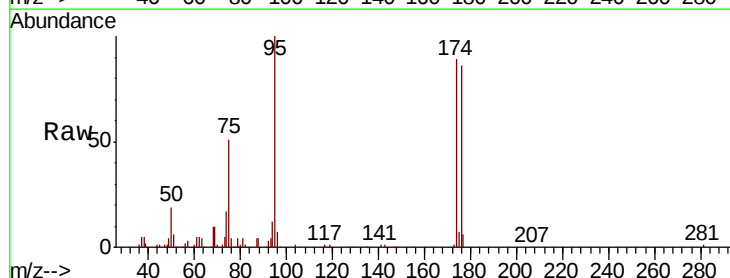
Instrument :  
MSVOA\_N  
ClientSampled :

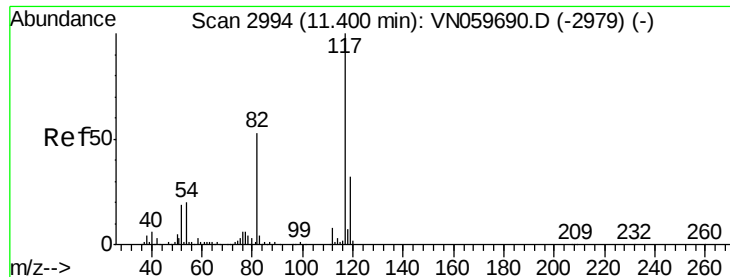
Tot Ion: 43 Resp: 44892  
Ion Ratio Lower Upper  
43 100  
58 21.1 25.8 77.3#



#62  
4-Bromofluorobenzene  
Concen: 46.147 ug/l  
RT: 12.40 min Scan# 3304  
Delta R.T. 0.00 min  
Lab File: VN059840.D  
Acq: 24 Jan 2020 13:10

Tgt Ion: 95 Resp: 118961  
Ion Ratio Lower Upper  
95 100  
174 88.9 0.0 151.4  
176 86.2 0.0 146.0

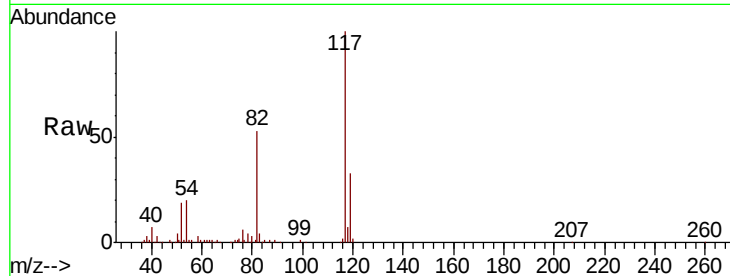




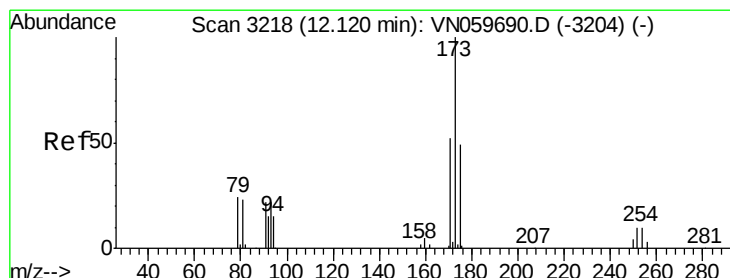
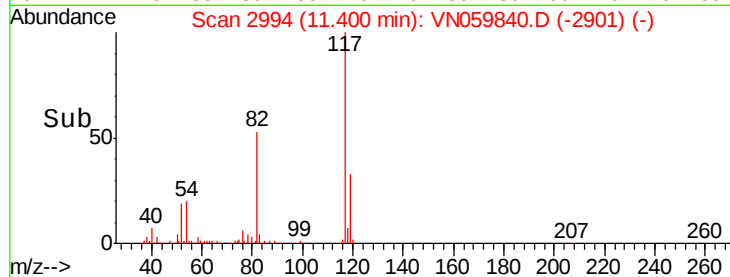
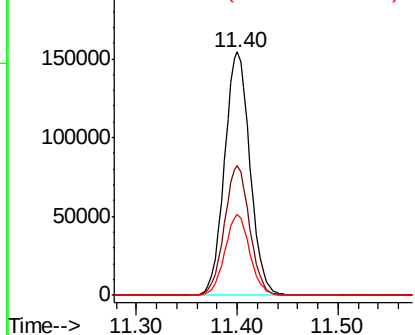
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2994  
Delta R.T. 0.00 min  
Lab File: VN059840.D  
Acq: 24 Jan 2020 13:10

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:117 Resp: 271637  
Ion Ratio Lower Upper  
117 100  
82 53.0 45.9 68.9  
119 33.1 25.5 38.3

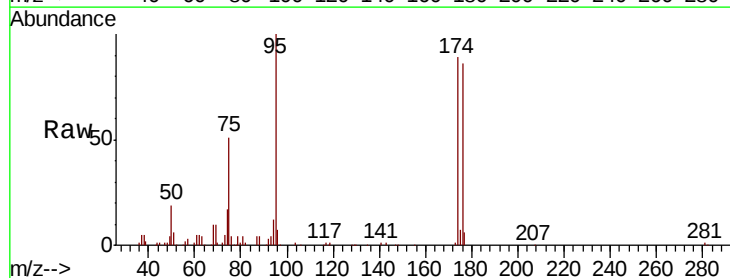


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

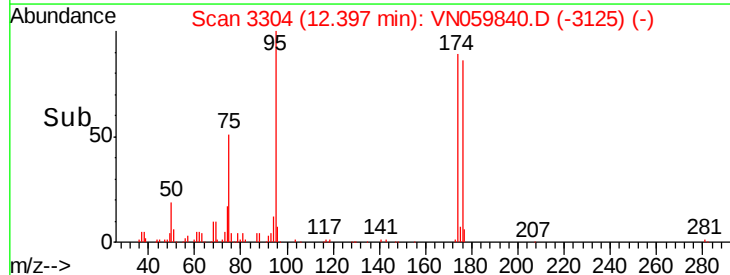
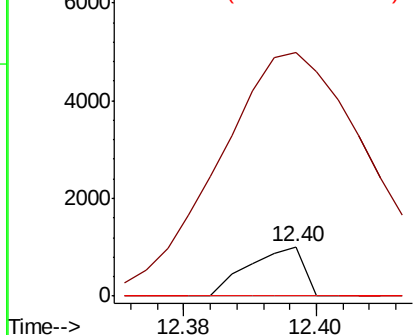


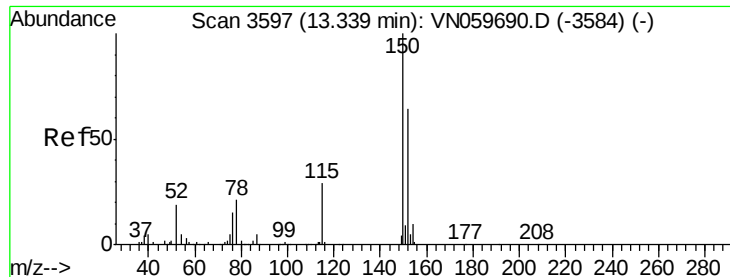
#71  
Bromoform  
Concen: 0.349 ug/l  
RT: 12.40 min Scan# 3304  
Delta R.T. 0.28 min  
Lab File: VN059840.D  
Acq: 24 Jan 2020 13:10

Tgt Ion:173 Resp: 577  
Ion Ratio Lower Upper  
173 100  
175 1175.7 23.8 71.4#  
254 0.0 0.0 0.0



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059840.D

Acq: 24 Jan 2020 13:10

Instrument :

MSVOA\_N

ClientSampleId :

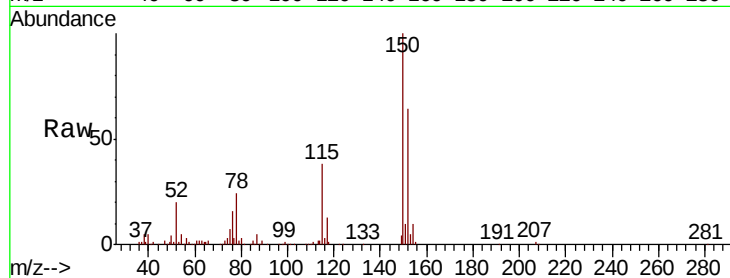
Tot Ion:152 Resp: 111967

Ion Ratio Lower Upper

152 100

115 57.6 30.3 90.9

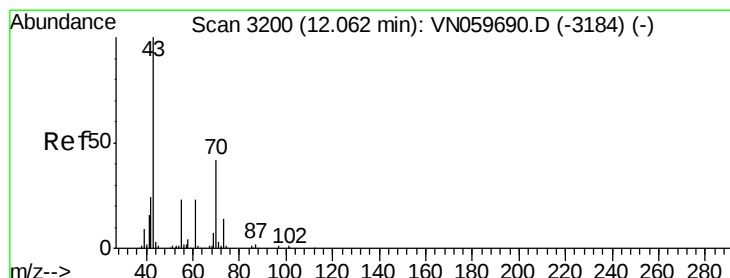
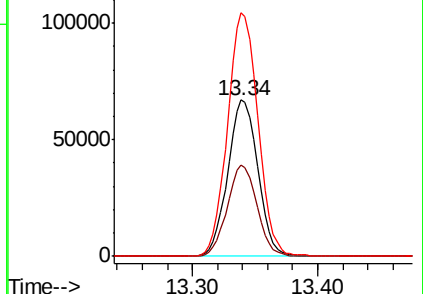
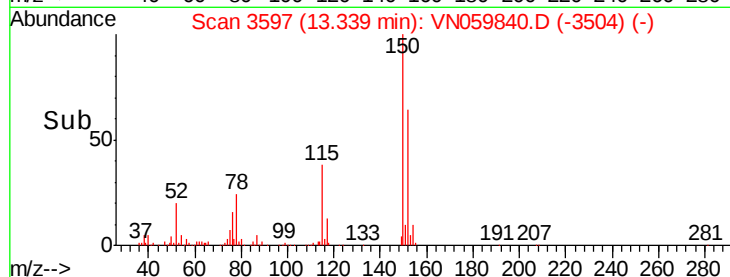
150 156.8 0.0 345.2



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-ethyl acetate

Concen: 0.913 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN059840.D

Acq: 24 Jan 2020 13:10

Tgt Ion: 43 Resp: 2909

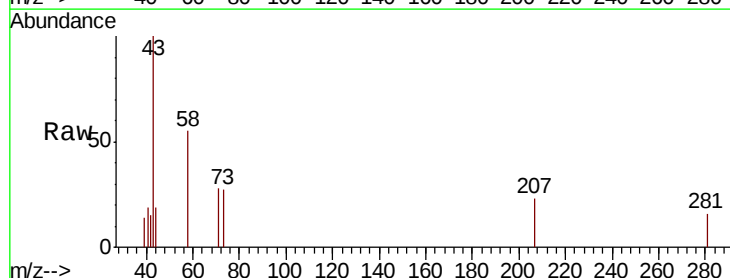
Ion Ratio Lower Upper

43 100

70 0.0 31.3 46.9#

55 0.0 19.8 29.6#

61 0.0 18.3 27.5#

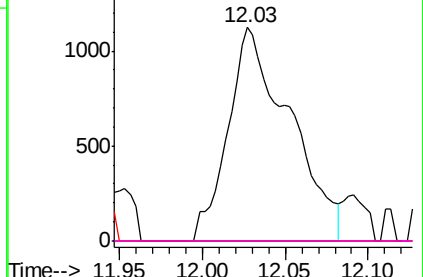
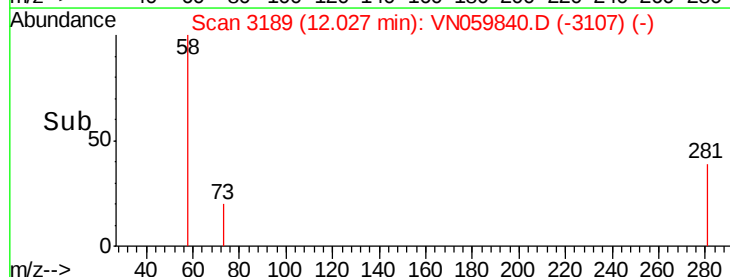


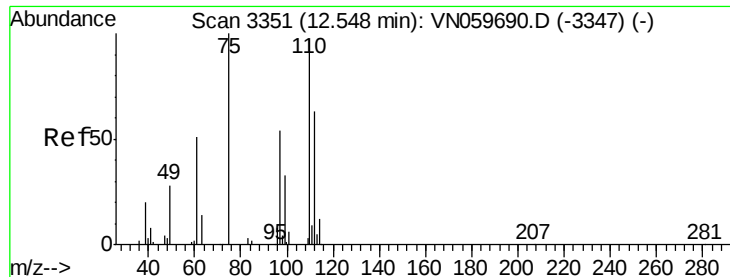
Abundance Ion 43.00 (42.70 to 43.70): V

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: 32.202 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059840.D

Acq: 24 Jan 2020 13:10

Instrument :

MSVOA\_N

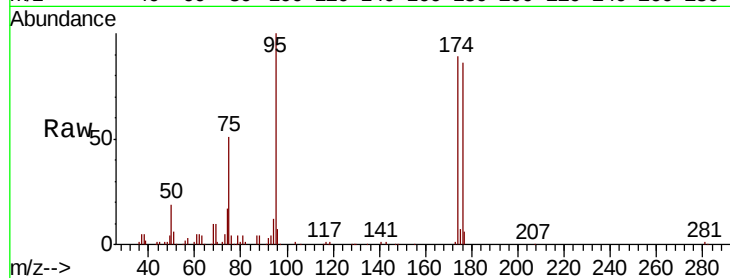
ClientSampled :

Tot Ion: 75 Resp: 60678

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN059690.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN059690.D (-3347) (-)

12.40

40000

30000

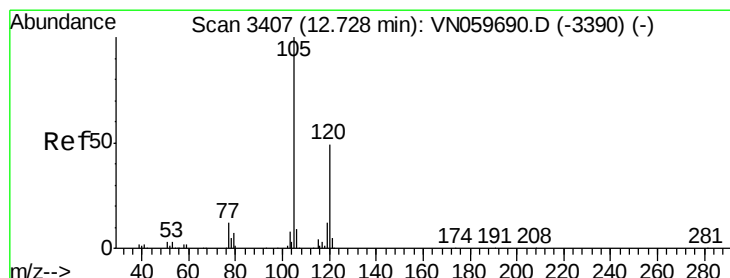
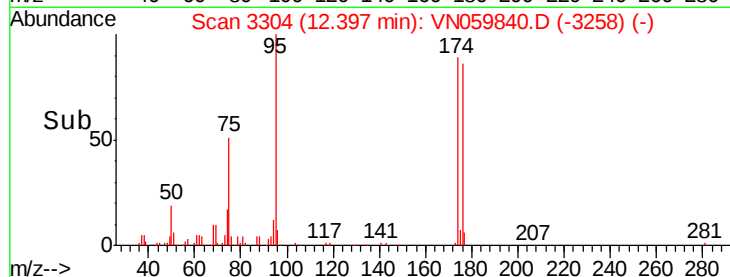
20000

10000

0

12.35 12.40 12.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.542 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN059840.D

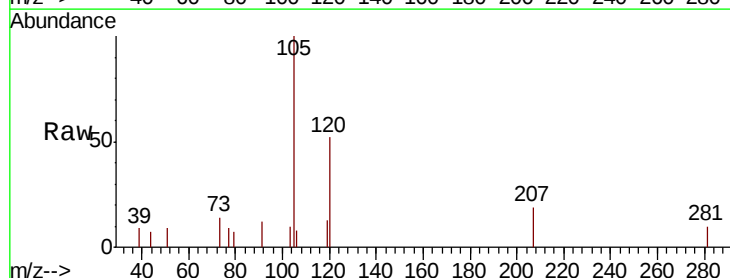
Acq: 24 Jan 2020 13:10

Tgt Ion: 105 Resp: 3741

Ion Ratio Lower Upper

105 100

120 47.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059690.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN059690.D (-3390) (-)

12.73

2500

2000

1500

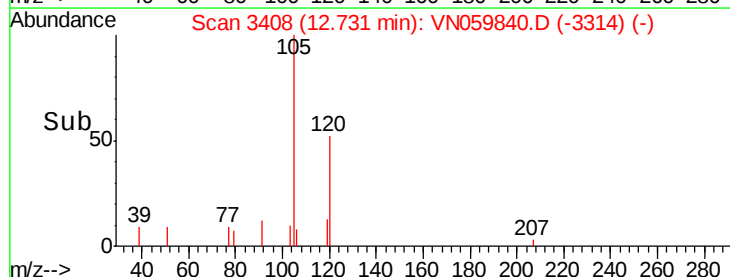
1000

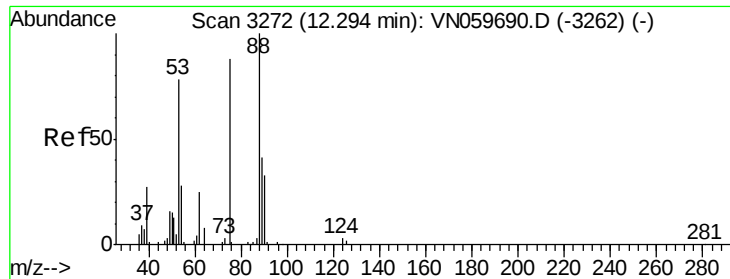
500

0

12.70 12.75

Time-->

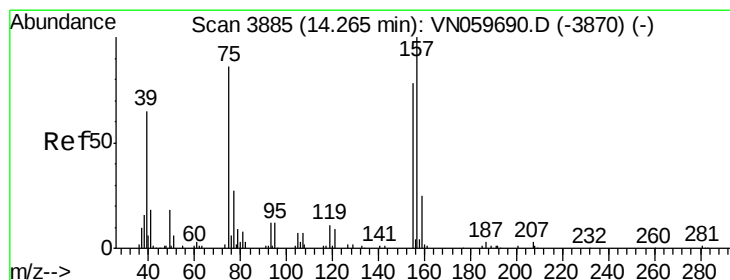
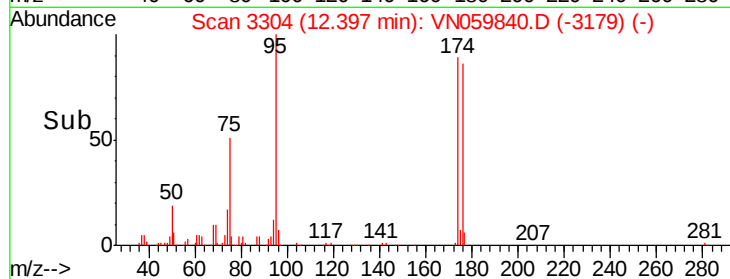
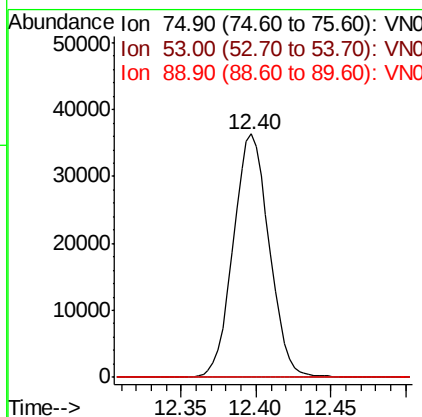
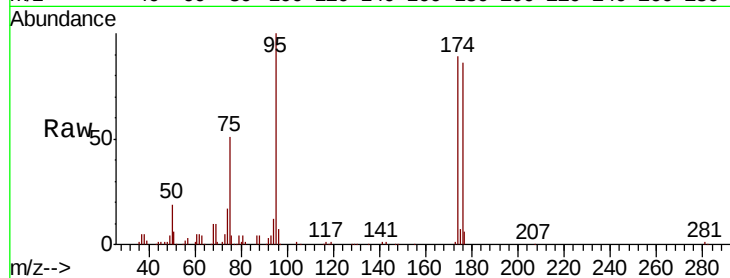




#81  
trans-1,4-Dichloro-2-butene  
Concen: 69.154 ug/l  
RT: 12.40 min Scan# 3304  
Delta R.T. 0.10 min  
Lab File: VN059840.D  
Acq: 24 Jan 2020 13:10

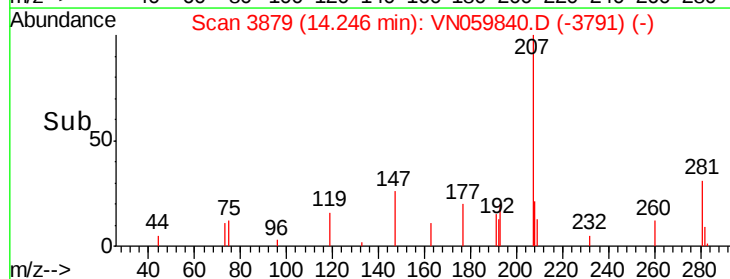
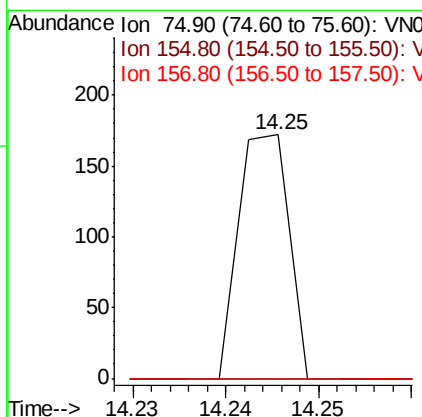
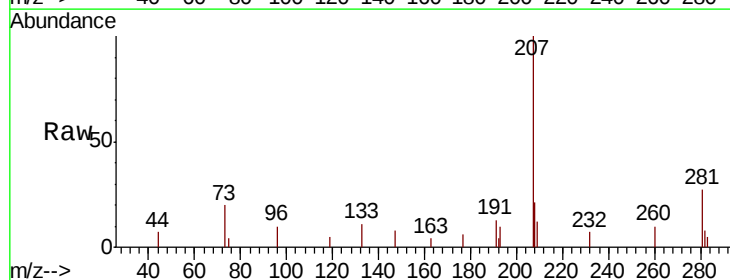
Instrument :  
MSVOA\_N  
ClientSampled :

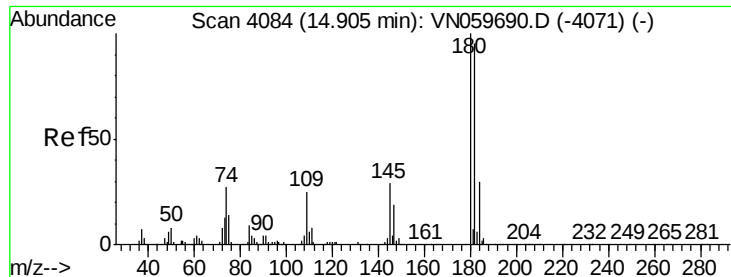
Tot Ion: 75 Resp: 60678  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.1 117.1#  
89 0.0 35.4 53.2#



#92  
1,2-Dibromo-3-Chloropropane  
Concen: Below Cal  
RT: 14.25 min Scan# 3879  
Delta R.T. -0.02 min  
Lab File: VN059840.D  
Acq: 24 Jan 2020 13:10

Tgt Ion: 75 Resp: 66  
Ion Ratio Lower Upper  
75 100  
155 0.0 37.0 110.9#  
157 0.0 48.4 145.2#

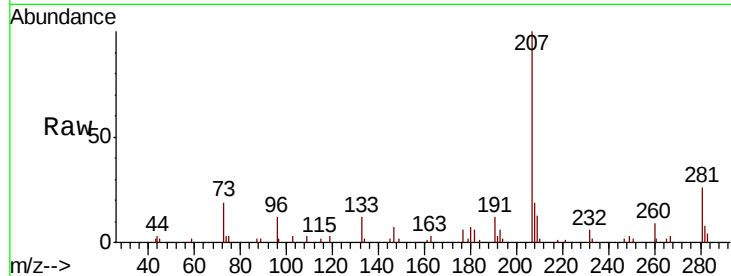




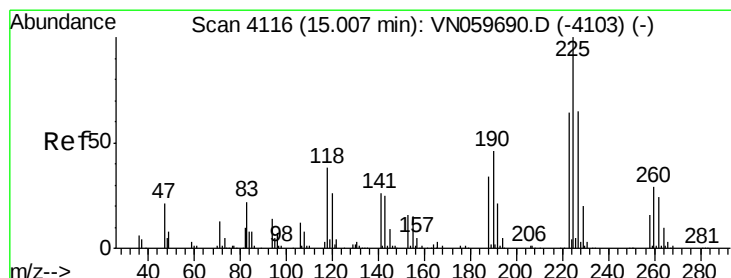
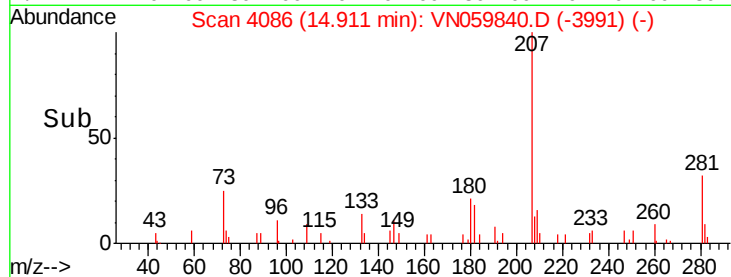
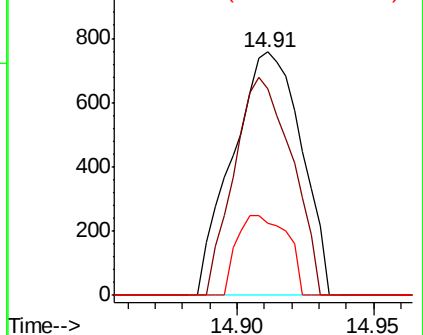
#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.616 ug/l  
 RT: 14.91 min Scan# 4086  
 Delta R.T. 0.01 min  
 Lab File: VN059840.D  
 Acq: 24 Jan 2020 13:10

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:180 Resp: 1322  
 Ion Ratio Lower Upper  
 180 100  
 182 75.6 46.9 140.7  
 145 24.1 15.0 45.1

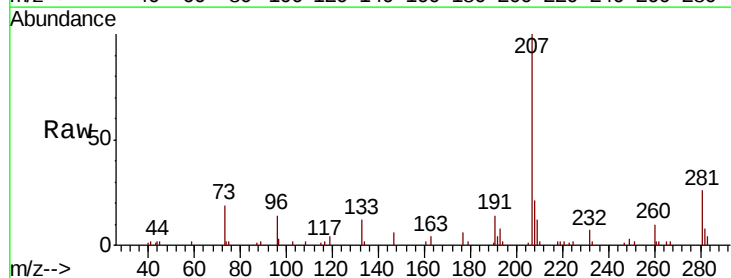


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

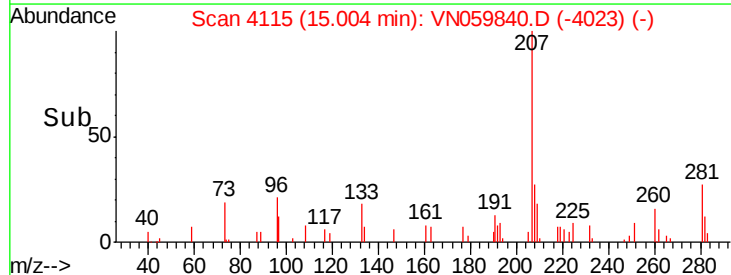
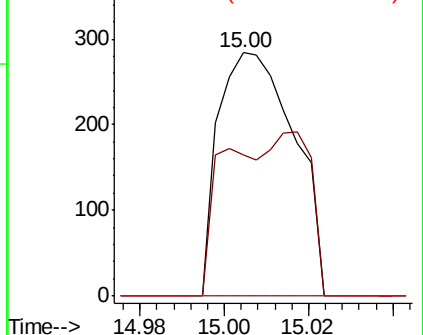


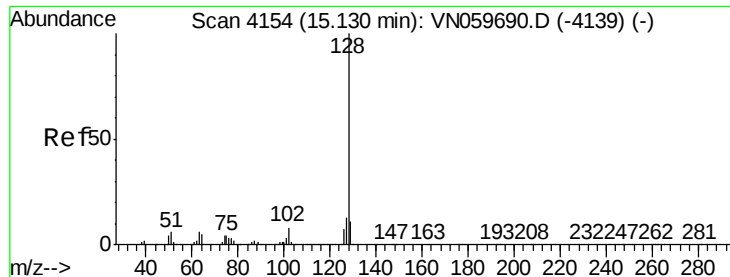
#94  
 Hexachlorobutadiene  
 Concen: 0.299 ug/l  
 RT: 15.00 min Scan# 4115  
 Delta R.T. -0.00 min  
 Lab File: VN059840.D  
 Acq: 24 Jan 2020 13:10

Tgt Ion:225 Resp: 354  
 Ion Ratio Lower Upper  
 225 100  
 223 35.9 31.8 95.3  
 227 0.0 32.1 96.5#



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.822 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059840.D

Acq: 24 Jan 2020 13:10

Instrument :

MSVOA\_N

ClientSampleId :

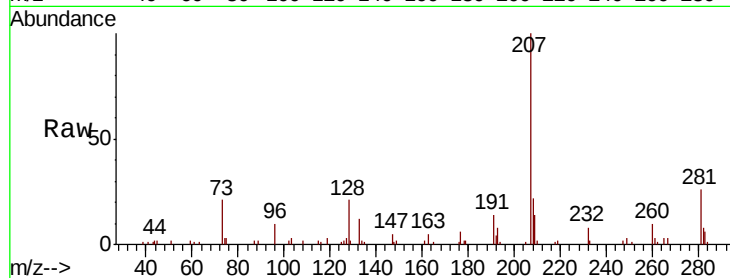
Tot Ion:128 Resp: 5020

Ion Ratio Lower Upper

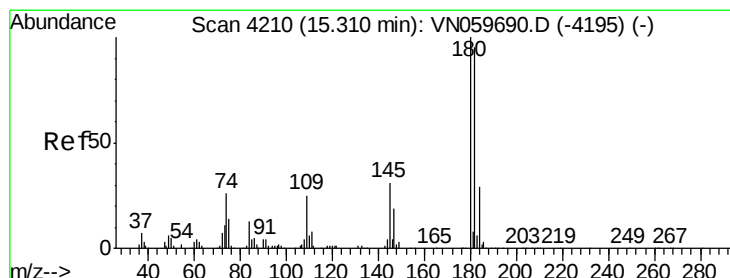
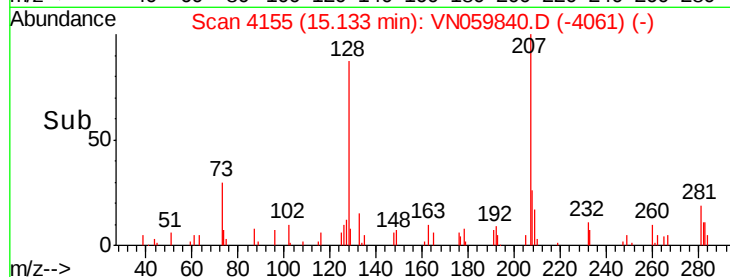
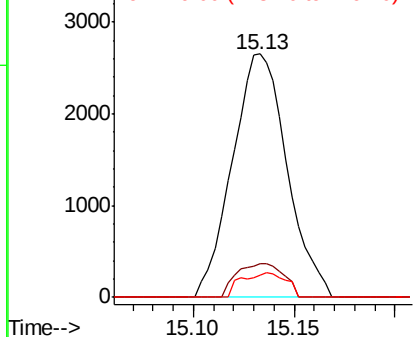
128 100

127 12.1 10.4 15.6

129 8.2 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.788 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN059840.D

Acq: 24 Jan 2020 13:10

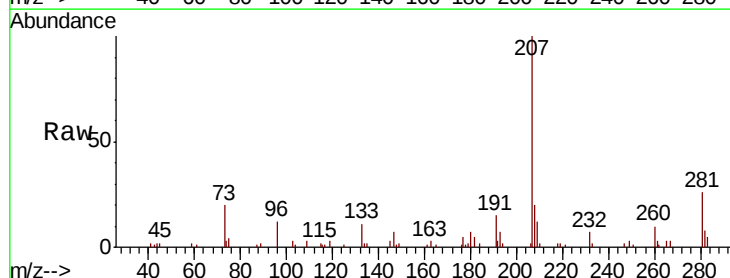
Tgt Ion:180 Resp: 1645

Ion Ratio Lower Upper

180 100

182 90.0 47.4 142.3

145 30.8 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

