

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101519\  
 Data File : VN058787.D  
 Acq On : 15 Oct 2019 17:00  
 Operator : JC/SP  
 Sample : K5355-09  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 COMP-33

Quant Time: Oct 16 04:18:44 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N101319W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 12 00:00:30 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 369404   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 586615   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 534312   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 214870   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

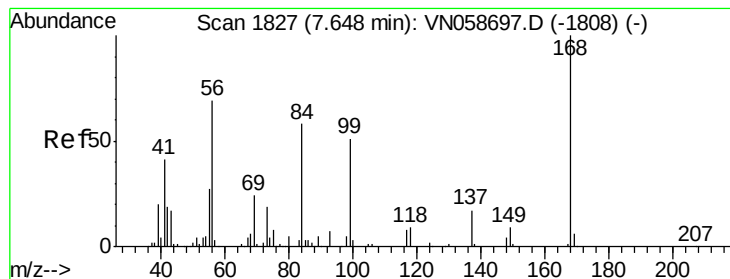
|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.01   | 65  | 267840   | 51.79 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.58% |      |
| 35) Dibromofluoromethane  | 7.57   | 113 | 188999   | 52.16 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.32% |      |
| 50) Toluene-d8            | 10.08  | 98  | 750106   | 51.77 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.54% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 240852   | 43.91 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 87.82%  |      |

## Target Compounds

|                                |       |     |        |        |        | Qvalue |
|--------------------------------|-------|-----|--------|--------|--------|--------|
| 11) Tert butyl alcohol         | 4.75  | 59  | 1075   | 1.284  | ug/l # | 72     |
| 16) Acetone                    | 3.80  | 43  | 14153  | 6.610  | ug/l   | 94     |
| 18) Methyl Acetate             | 4.31  | 43  | 1089   | 0.201  | ug/l # | 70     |
| 20) Methylene Chloride         | 4.53  | 84  | 46912  | 10.484 | ug/l   | 99     |
| 25) 2-Butanone                 | 6.82  | 43  | 8994   | 2.906  | ug/l   | 93     |
| 29) Tetrahydrofuran            | 7.20  | 42  | 496    | 0.248  | ug/l # | 46     |
| 31) Cyclohexane                | 7.65  | 56  | 9160   | 1.208  | ug/l # | 24     |
| 36) 1,1-Dichloropropene        | 7.65  | 75  | 31093  | 5.242  | ug/l # | 51     |
| 37) Ethyl Acetate              | 6.82  | 43  | 8994   | 1.499  | ug/l # | 69     |
| 38) Carbon Tetrachloride       | 7.65  | 117 | 36974  | 6.396  | ug/l # | 17     |
| 43) Isopropyl Acetate          | 8.15  | 43  | 83884  | 8.209  | ug/l # | 90     |
| 45) 1,2-Dichloropropane        | 9.26  | 63  | 1716   | 0.376  | ug/l # | 45     |
| 48) Methyl methacrylate        | 9.17  | 41  | 5009   | 1.081  | ug/l # | 14     |
| 49) 1,4-Dioxane                | 9.26  | 88  | 31     | 0.433  | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43  | 5976   | 1.041  | ug/l   | 91     |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75  | 33271  | 4.641  | ug/l # | 67     |
| 56) Ethyl methacrylate         | 10.54 | 69  | 1778   | 0.285  | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 10.76 | 76  | 5367   | 0.739  | ug/l # | 42     |
| 59) 2-Hexanone                 | 10.76 | 43  | 86741  | 19.559 | ug/l # | 55     |
| 71) Bromoform                  | 12.41 | 173 | 1967   | 0.669  | ug/l # | 1      |
| 74) N-amyl acetate             | 12.03 | 43  | 3069   | 0.439  | ug/l # | 51     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75  | 131637 | 27.926 | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75  | 131637 | 74.806 | ug/l # | 11     |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105 | 4317   | 0.327  | ug/l   | 97     |
| 95) Naphthalene                | 15.13 | 128 | 72428  | 6.072  | ug/l   | 98     |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058787.D

Acq: 15 Oct 2019 17:00

Instrument :

MSVOA\_N

ClientSampleId :

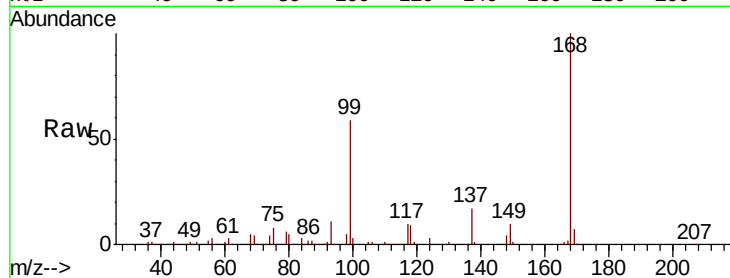
COMP-33

Tot Ion:168 Resp: 369404

Ion Ratio Lower Upper

168 100

99 59.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VN058697.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058697.D (-1808) (-)

7.65

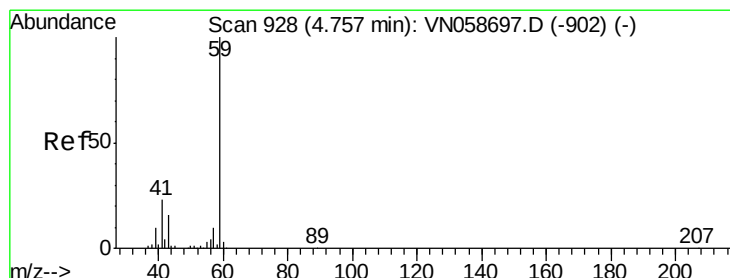
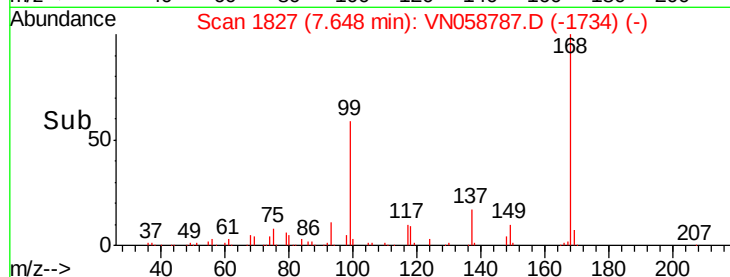
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.284 ug/l

RT: 4.75 min Scan# 927

Delta R.T. -0.00 min

Lab File: VN058787.D

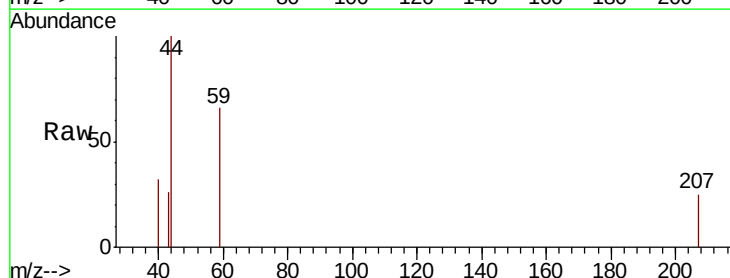
Acq: 15 Oct 2019 17:00

Tgt Ion: 59 Resp: 1075

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN058697.D (-902) (-)

Ion 57.00 (56.70 to 57.70): VN058697.D (-902) (-)

4.75

500

400

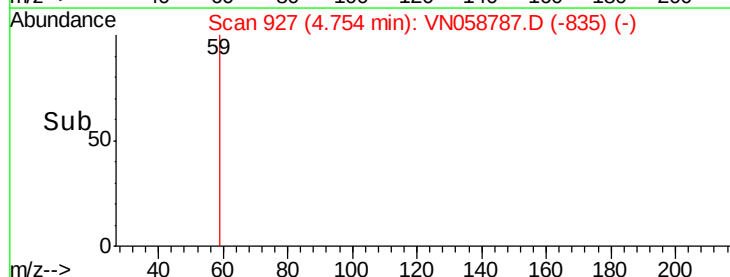
300

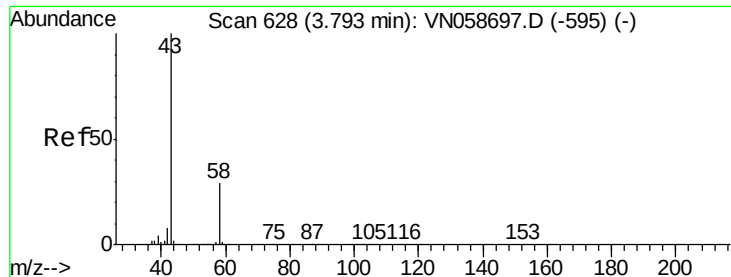
200

100

0

Time-->





#16

Acetone

Concen: 6.610 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058787.D

Acq: 15 Oct 2019 17:00

Instrument :

MSVOA\_N

ClientSampleId :

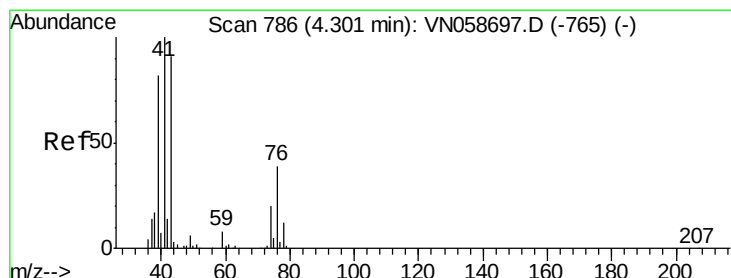
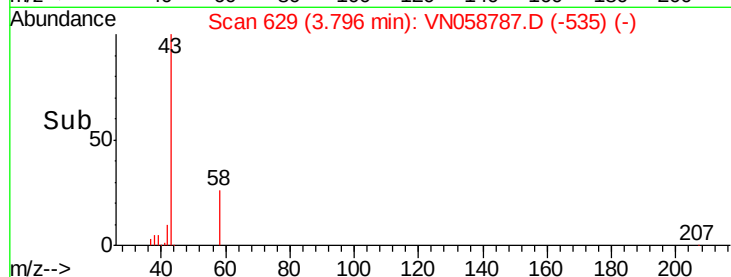
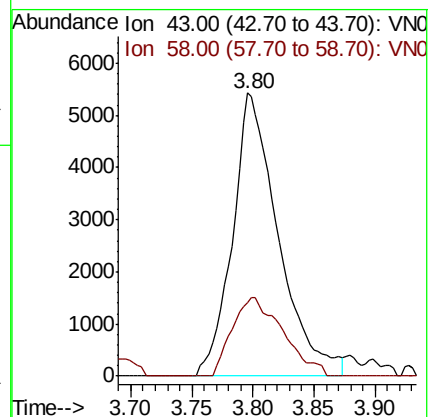
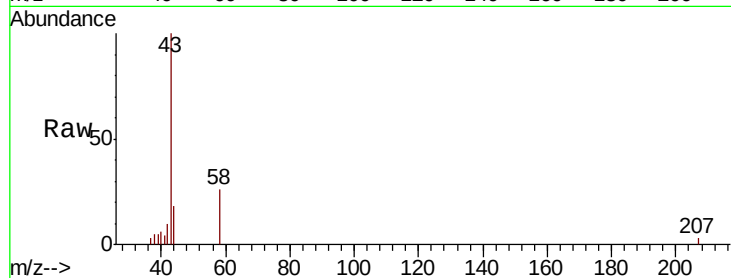
COMP-33

Tot Ion: 43 Resp: 14153

Ion Ratio Lower Upper

43 100

58 25.9 23.3 34.9



#18

Methyl Acetate

Concen: 0.201 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN058787.D

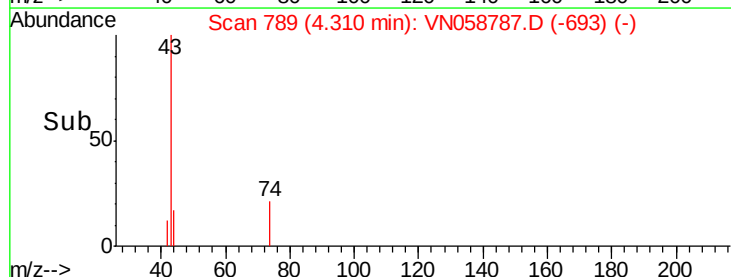
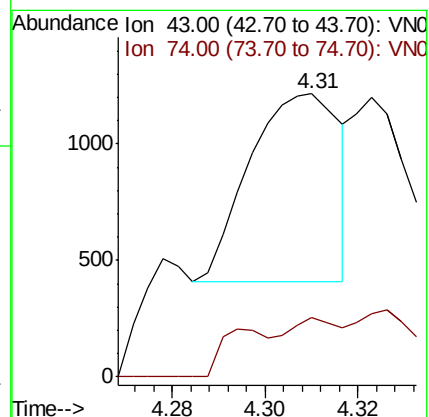
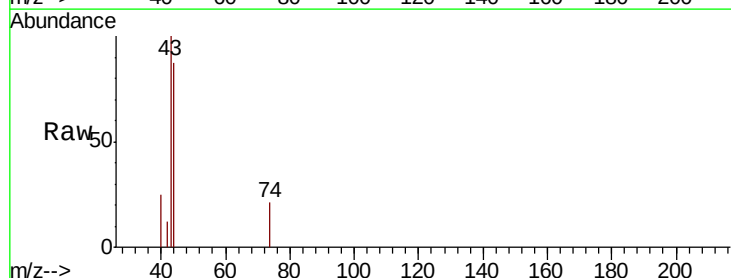
Acq: 15 Oct 2019 17:00

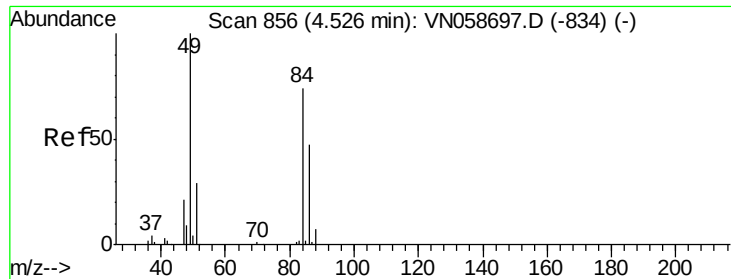
Tgt Ion: 43 Resp: 1089

Ion Ratio Lower Upper

43 100

74 7.3 17.2 25.8#

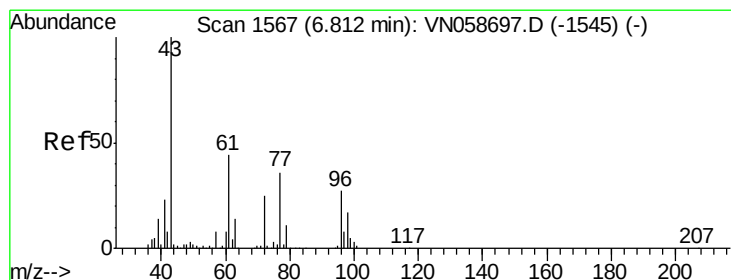
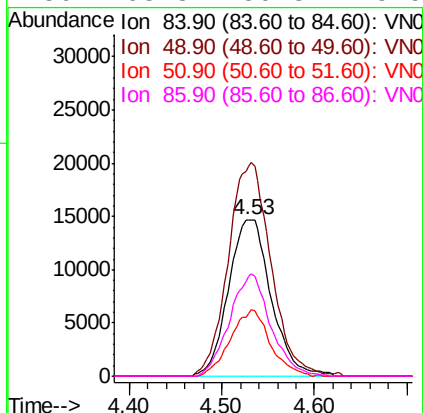
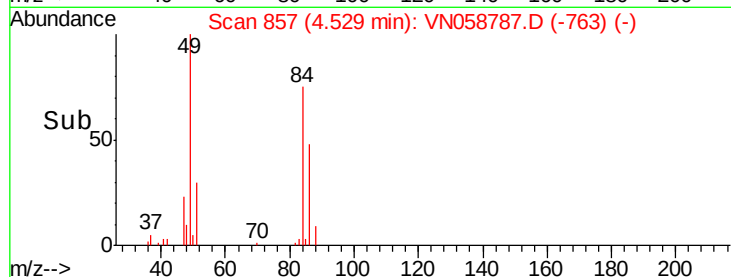
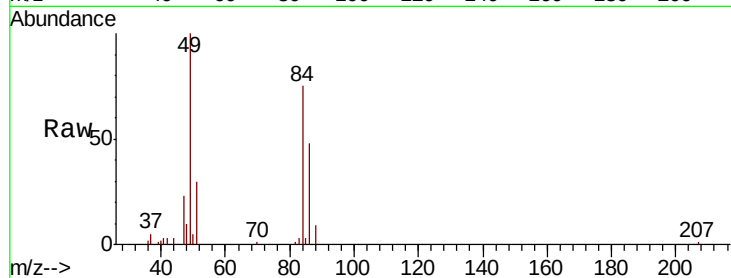




#20  
Methylene Chloride  
Concen: 10.484 ug/l  
RT: 4.53 min Scan# 857  
Delta R.T. 0.00 min  
Lab File: VN058787.D  
Acq: 15 Oct 2019 17:00

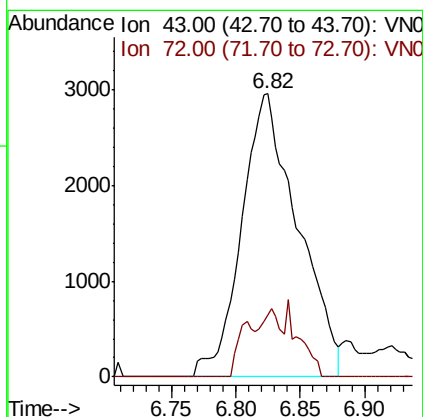
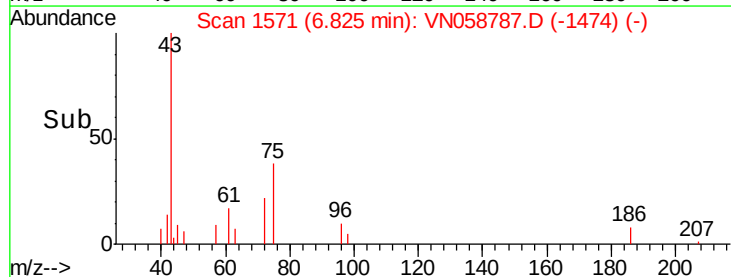
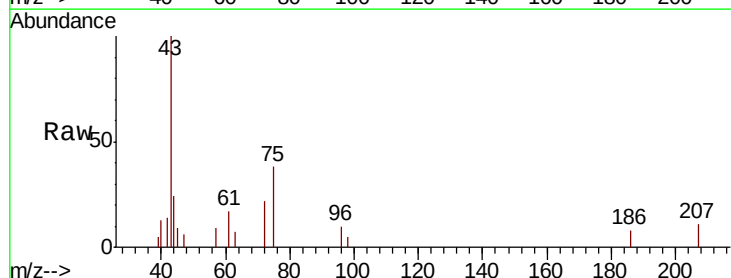
Instrument :  
MSVOA\_N  
ClientSampled :  
COMP-33

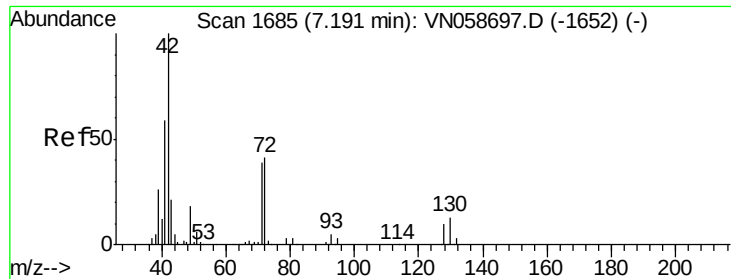
Tot Ion: 84 Resp: 46912  
Ion Ratio Lower Upper  
84 100  
49 133.7 107.6 161.4  
51 40.1 31.4 47.0  
86 63.8 50.3 75.5



#25  
2-Butanone  
Concen: 2.906 ug/l  
RT: 6.82 min Scan# 1571  
Delta R.T. 0.01 min  
Lab File: VN058787.D  
Acq: 15 Oct 2019 17:00

Tgt Ion: 43 Resp: 8994  
Ion Ratio Lower Upper  
43 100  
72 21.9 20.2 30.2

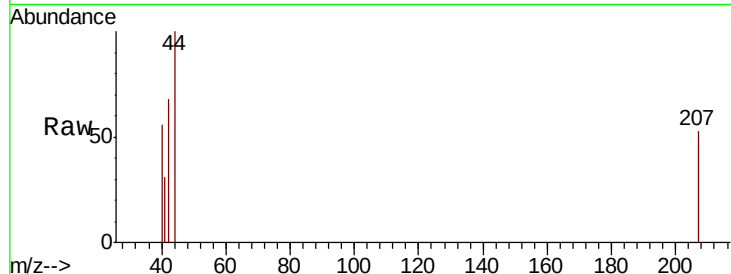




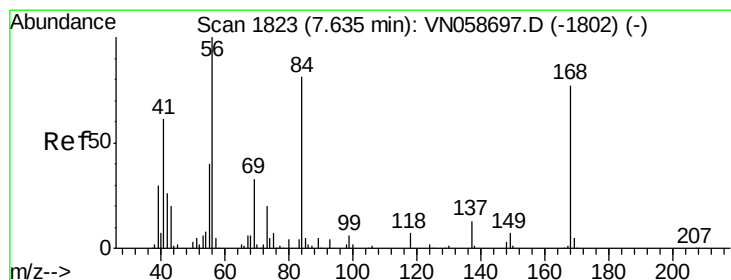
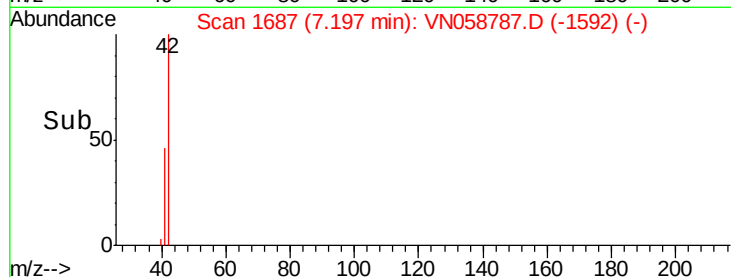
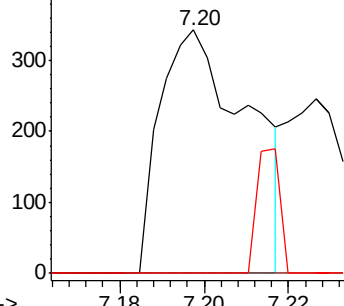
#29  
Tetrahydrofuran  
Concen: 0.248 ug/l  
RT: 7.20 min Scan# 1687  
Delta R.T. 0.01 min  
Lab File: VN058787.D  
Acq: 15 Oct 2019 17:00

Instrument :  
MSVOA\_N  
ClientSampled :  
COMP-33

Tot Ion: 42 Resp: 496  
Ion Ratio Lower Upper  
42 100  
72 0.0 32.8 49.2#  
71 13.5 31.1 46.7#

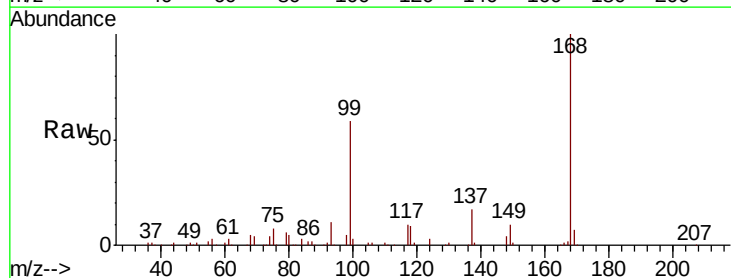


Abundance Ion 42.00 (41.70 to 42.70): VNO  
Ion 72.00 (71.70 to 72.70): VNO  
Ion 71.00 (70.70 to 71.70): VNO

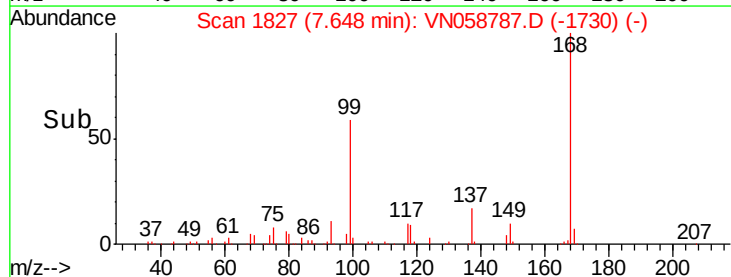
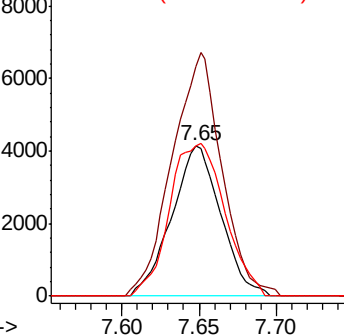


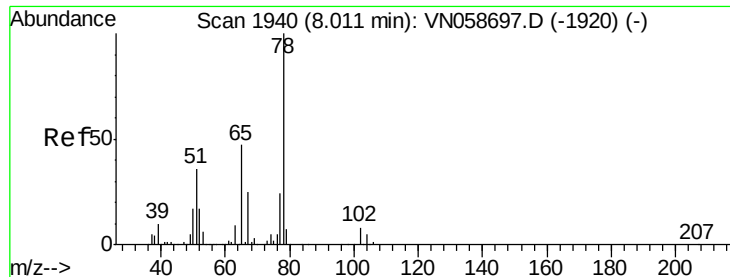
#31  
Cyclohexane  
Concen: 1.208 ug/l  
RT: 7.65 min Scan# 1827  
Delta R.T. 0.01 min  
Lab File: VN058787.D  
Acq: 15 Oct 2019 17:00

Tgt Ion: 56 Resp: 9160  
Ion Ratio Lower Upper  
56 100  
69 152.5 26.2 39.4#  
84 99.6 64.9 97.3#



Abundance Ion 56.00 (55.70 to 56.70): VNO  
Ion 69.00 (68.70 to 69.70): VNO  
Ion 84.00 (83.70 to 84.70): VNO

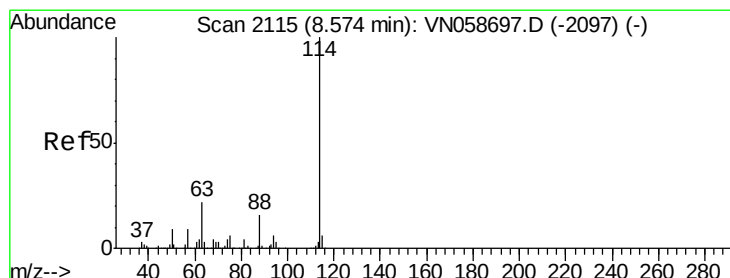
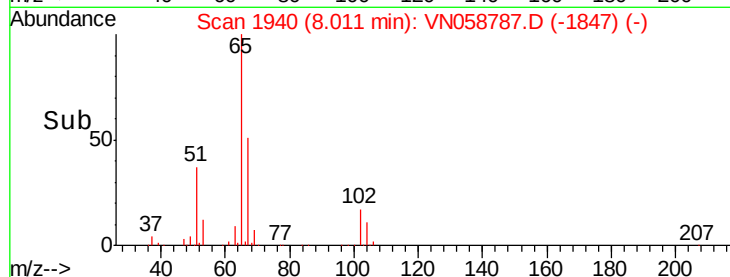
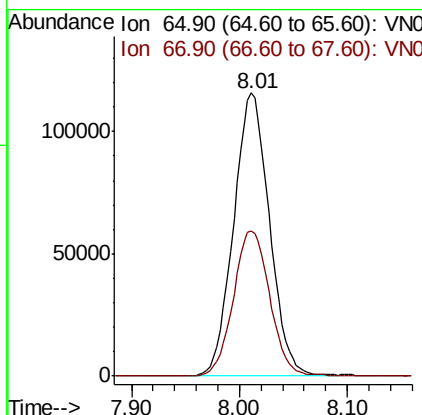
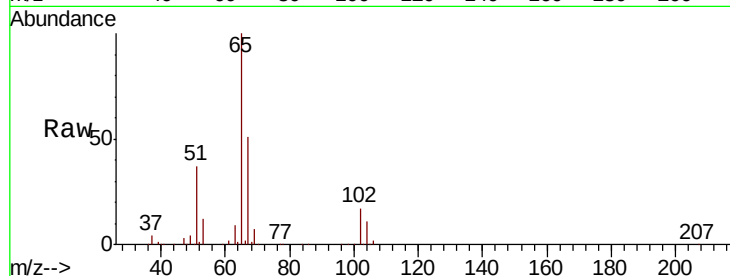




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.791 ug/l  
 RT: 8.01 min Scan# 1940  
 Delta R.T. -0.00 min  
 Lab File: VN058787.D  
 Acq: 15 Oct 2019 17:00

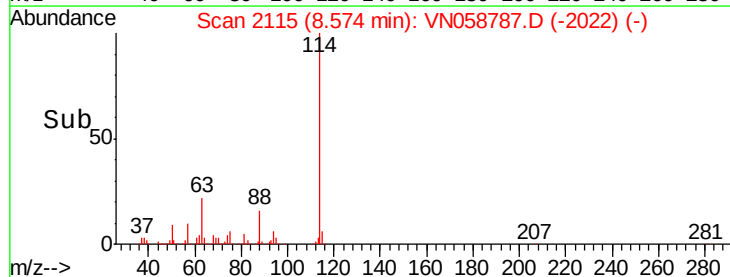
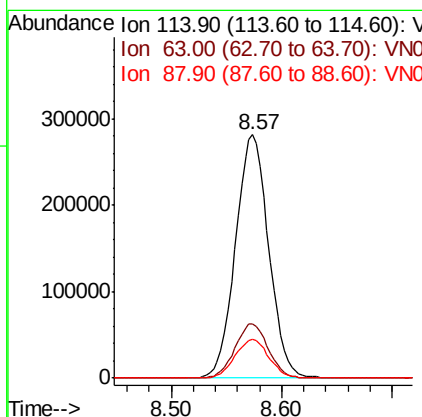
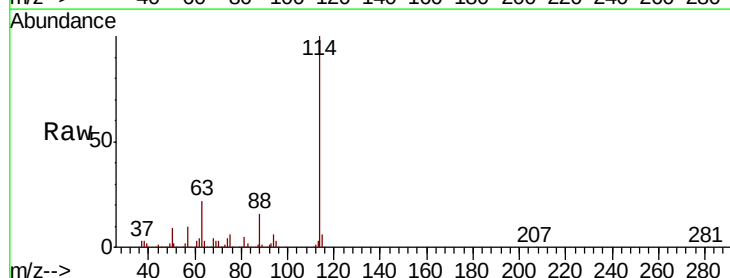
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 COMP-33

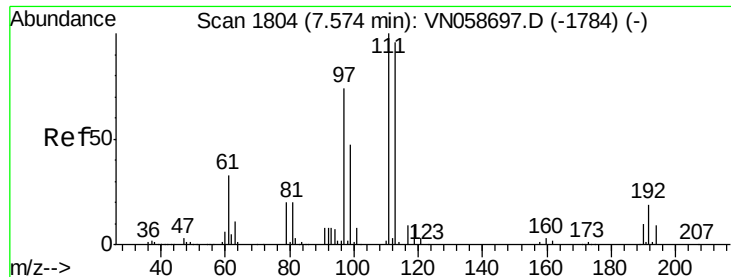
Tot Ion: 65 Resp: 267840  
 Ion Ratio Lower Upper  
 65 100  
 67 52.2 0.0 103.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2115  
 Delta R.T. -0.00 min  
 Lab File: VN058787.D  
 Acq: 15 Oct 2019 17:00

Tgt Ion: 114 Resp: 586615  
 Ion Ratio Lower Upper  
 114 100  
 63 22.2 0.0 43.8  
 88 15.8 0.0 32.0

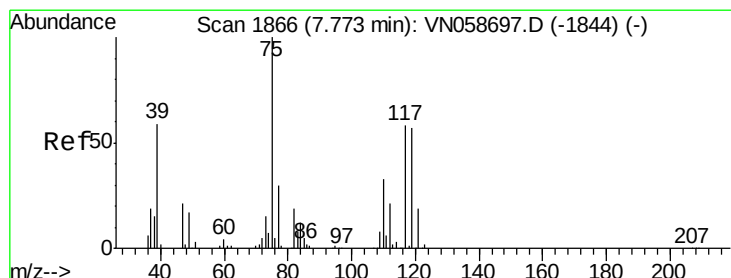
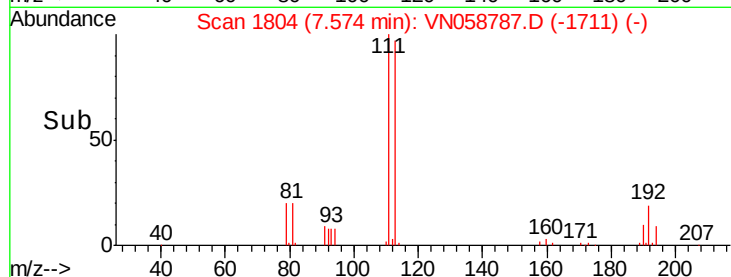
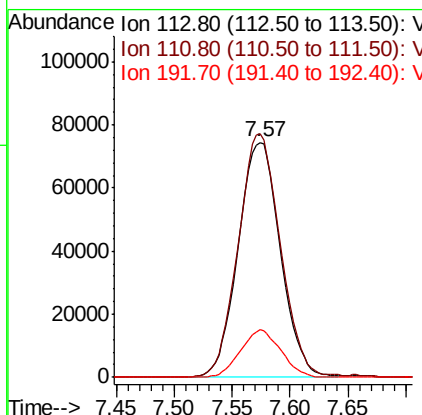
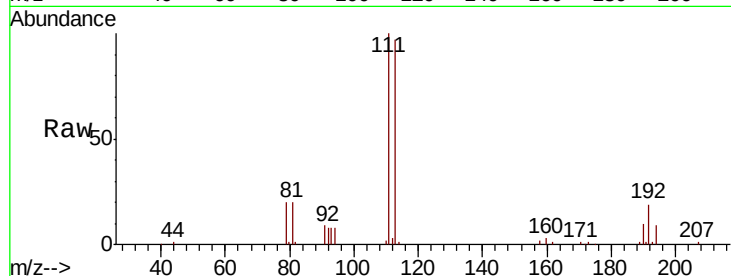




#35  
 Dibromofluoromethane  
 Concen: 52.161 ug/l  
 RT: 7.57 min Scan# 1804  
 Delta R.T. -0.00 min  
 Lab File: VN058787.D  
 Acq: 15 Oct 2019 17:00

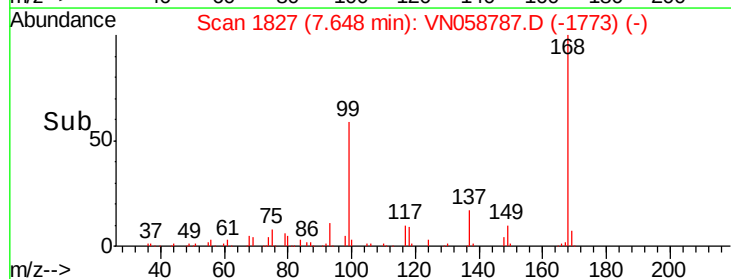
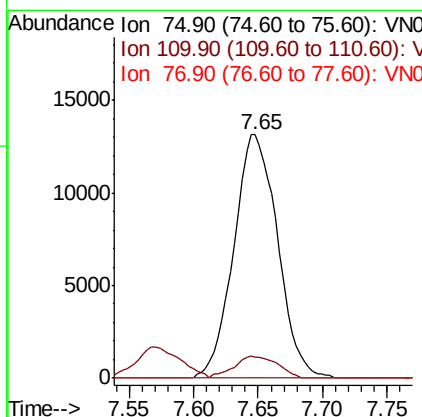
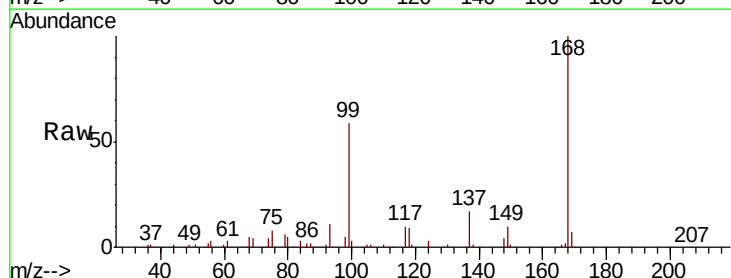
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 COMP-33

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.3 | 82.3  | 123.5 |
| 192     | 19.4  | 15.0  | 22.6  |

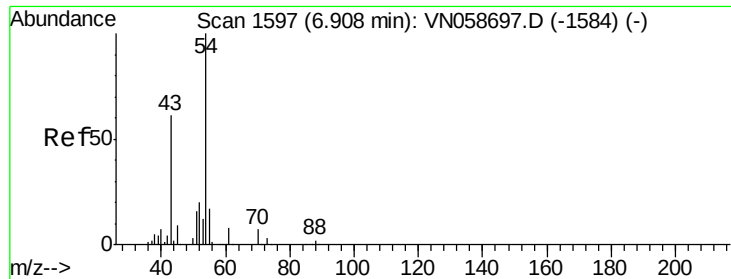


#36  
 1,1-Dichloropropene  
 Concen: 5.242 ug/l  
 RT: 7.65 min Scan# 1827  
 Delta R.T. -0.13 min  
 Lab File: VN058787.D  
 Acq: 15 Oct 2019 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 8.8   | 16.6  | 49.8# |
| 77      | 0.0   | 24.6  | 37.0# |







#37

Ethyl Acetate

Concen: 1.499 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.08 min

Lab File: VN058787.D

Acq: 15 Oct 2019 17:00

Instrument :

MSVOA\_N

ClientSampleId :

COMP-33

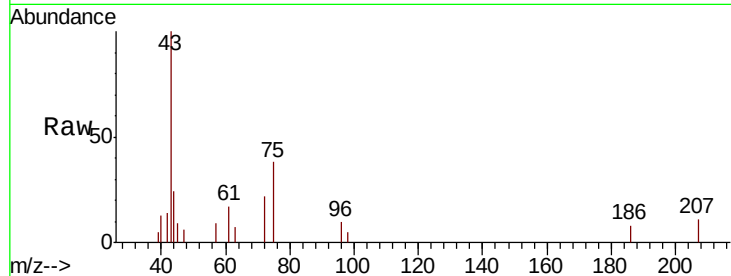
Tot Ion: 43 Resp: 8994

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

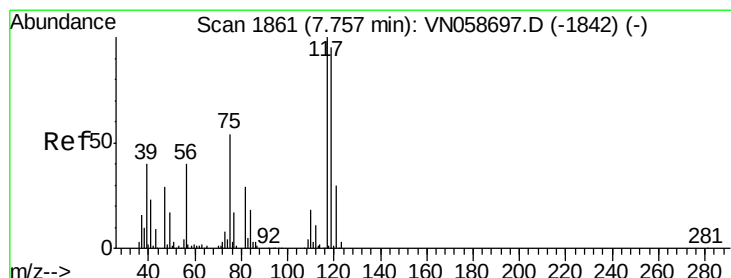
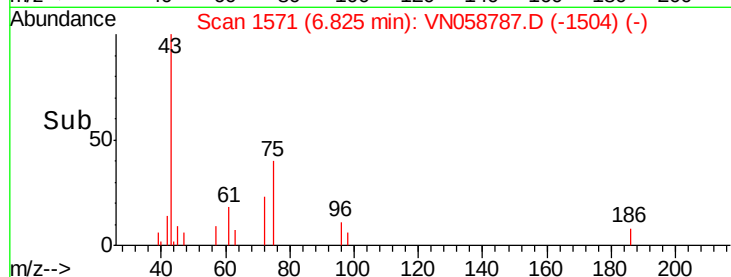
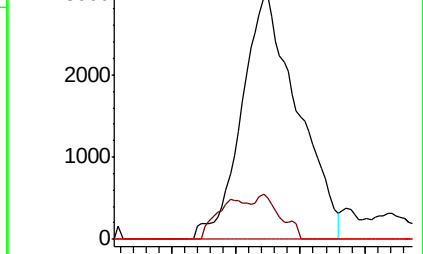
70 0.0 7.2 10.8#



Abundance Ion 43.00 (42.70 to 43.70): VN058787.D (-1504) (-)

Ion 60.90 (60.60 to 61.60): VN058787.D (-1504) (-)

Ion 70.00 (69.70 to 70.70): VN058787.D (-1504) (-)



#38

Carbon Tetrachloride

Concen: 6.396 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN058787.D

Acq: 15 Oct 2019 17:00

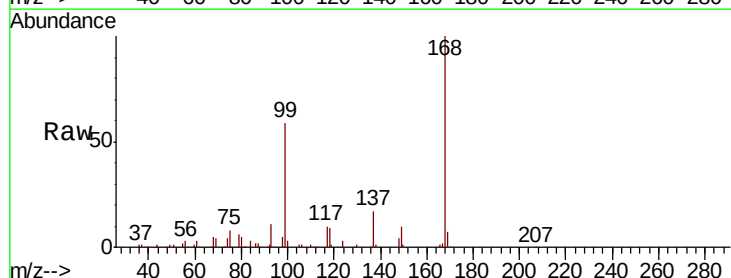
Tgt Ion: 117 Resp: 36974

Ion Ratio Lower Upper

117 100

119 5.3 75.7 113.5#

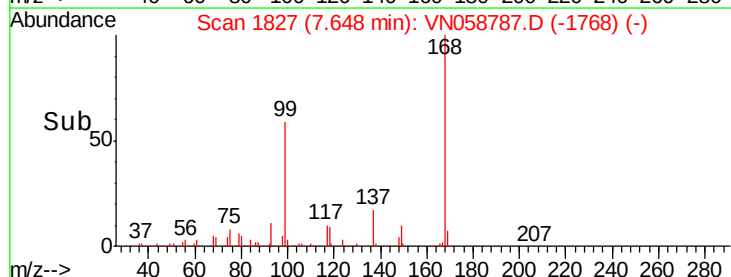
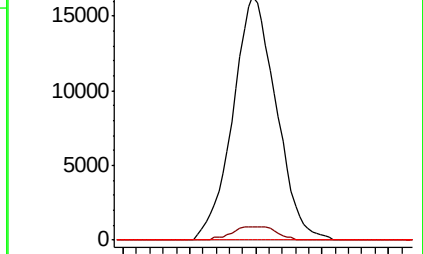
121 0.0 23.9 35.9#

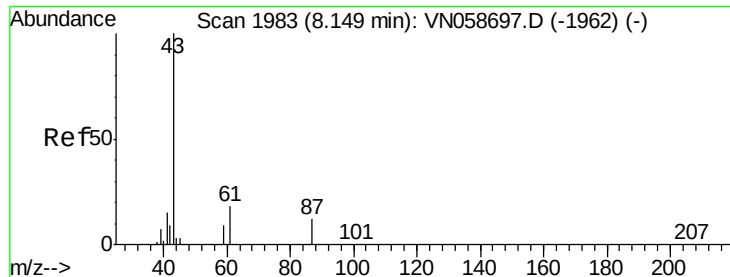


Abundance Ion 116.80 (116.50 to 117.50): VN058787.D (-1768) (-)

Ion 118.80 (118.50 to 119.50): VN058787.D (-1768) (-)

Ion 120.80 (120.50 to 121.50): VN058787.D (-1768) (-)





#43

Isopropyl Acetate

Concen: 8.209 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058787.D

Acq: 15 Oct 2019 17:00

Instrument :

MSVOA\_N

ClientSampleId :

COMP-33

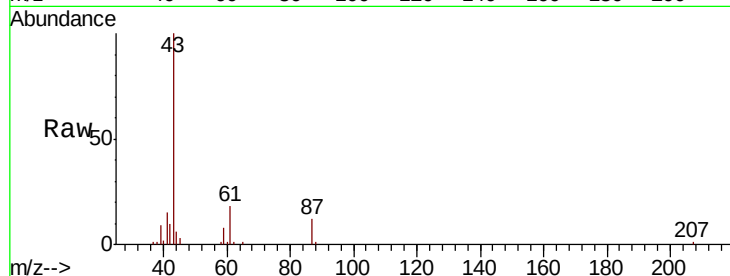
Tot Ion: 43 Resp: 83884

Ion Ratio Lower Upper

43 100

61 18.4 20.3 30.5#

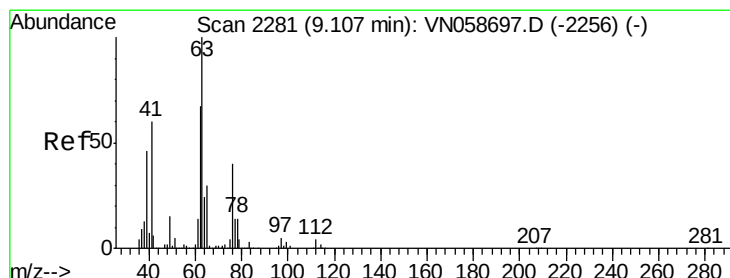
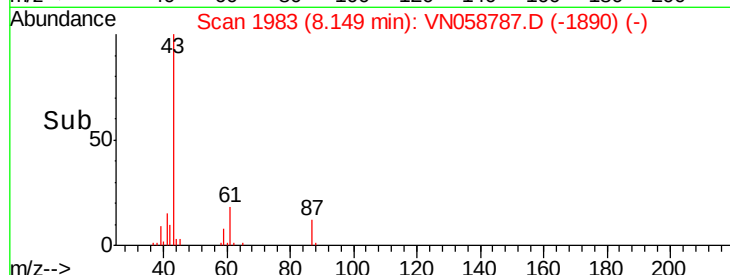
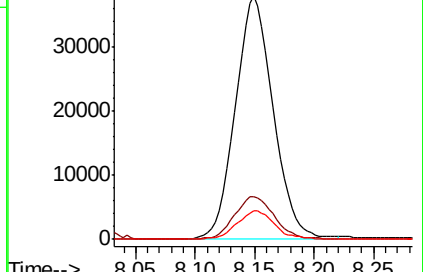
87 11.6 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN058787.D (-2188) (-)

Ion 61.00 (60.70 to 61.70): VN058787.D (-2188) (-)

Ion 87.00 (86.70 to 87.70): VN058787.D (-2188) (-)



#45

1,2-Dichloropropane

Concen: 0.376 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN058787.D

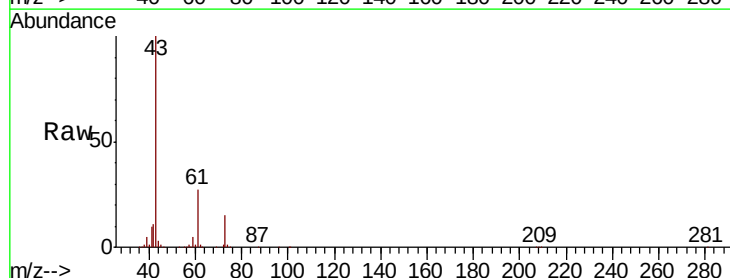
Acq: 15 Oct 2019 17:00

Tgt Ion: 63 Resp: 1716

Ion Ratio Lower Upper

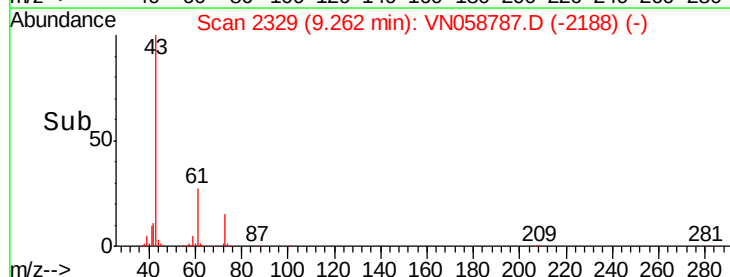
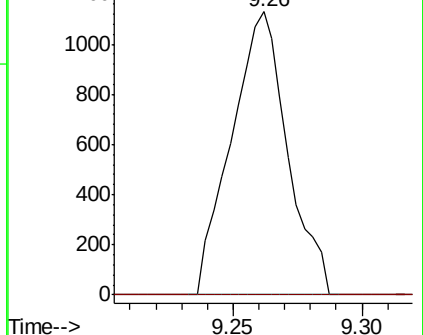
63 100

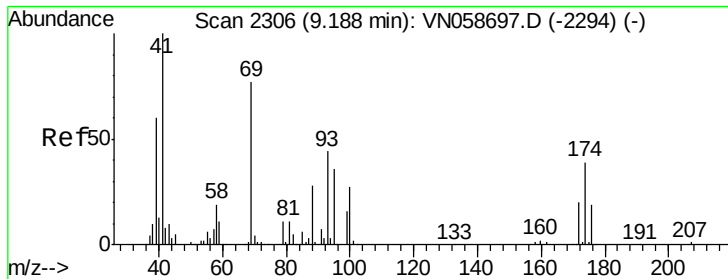
65 0.0 24.1 36.1#



Abundance Ion 62.90 (62.60 to 63.60): VN058787.D (-2188) (-)

Ion 64.90 (64.60 to 65.60): VN058787.D (-2188) (-)

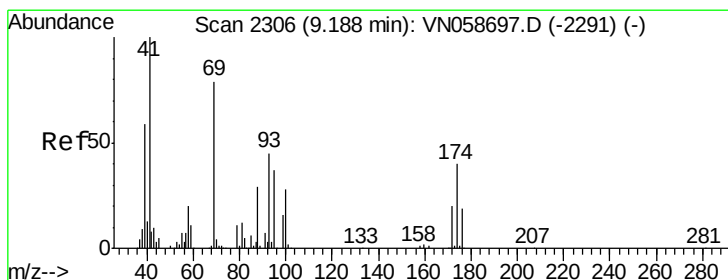
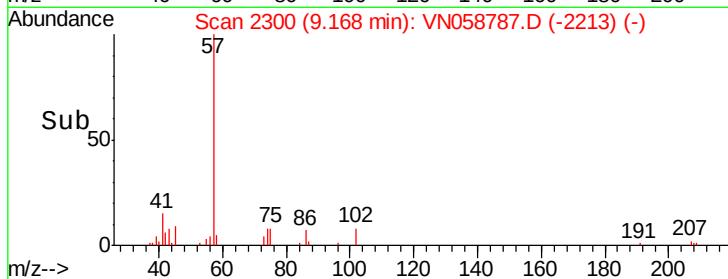
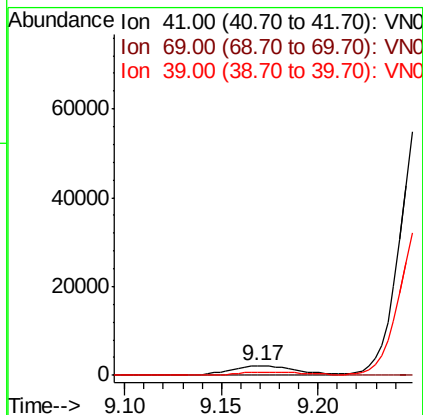
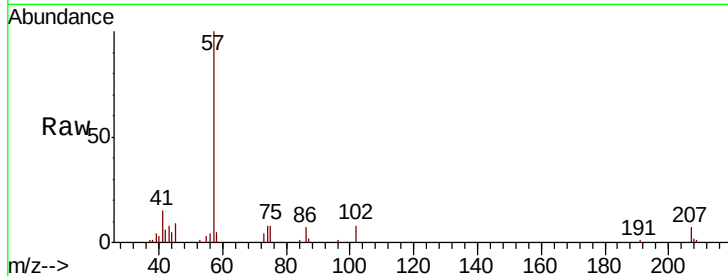




#48  
Methvl methacrylate  
Concen: 1.081 ug/l  
RT: 9.17 min Scan# 2300  
Delta R.T. -0.02 min  
Lab File: VN058787.D  
Acq: 15 Oct 2019 17:00

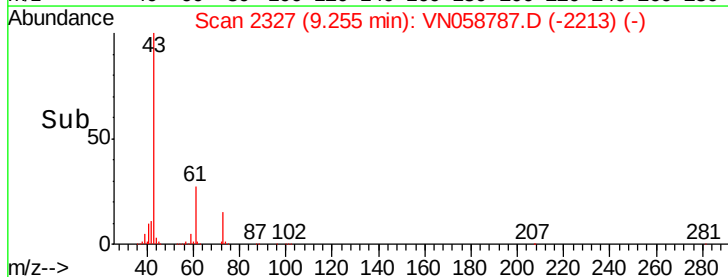
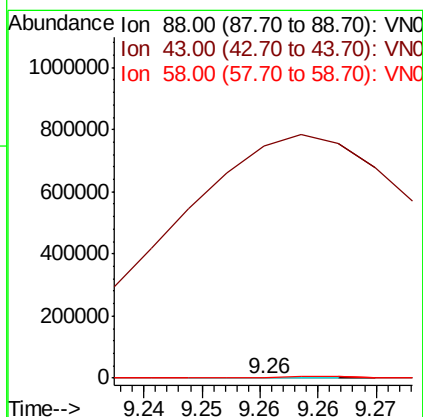
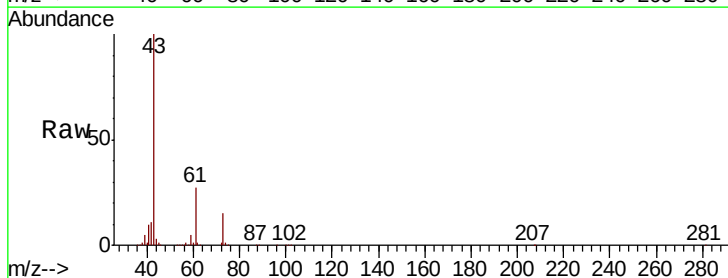
Instrument :  
MSVOA\_N  
ClientSampleId :  
COMP-33

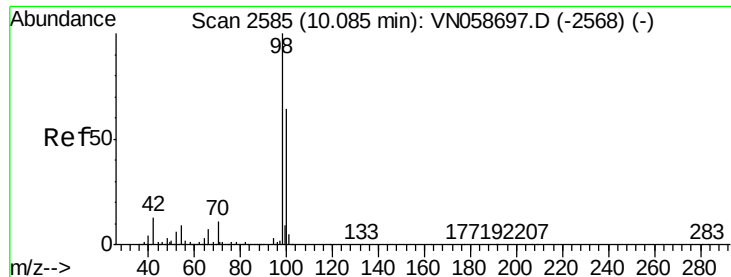
Tot Ion: 41 Resp: 5009  
Ion Ratio Lower Upper  
41 100  
69 0.0 63.4 95.2#  
39 0.0 48.9 73.3#



#49  
1,4-Dioxane  
Concen: 0.433 ug/l  
RT: 9.26 min Scan# 2327  
Delta R.T. 0.07 min  
Lab File: VN058787.D  
Acq: 15 Oct 2019 17:00

Tgt Ion: 88 Resp: 31  
Ion Ratio Lower Upper  
88 100  
43 4582122.6 28.6 43.0#  
58 22161.3 57.2 85.8#

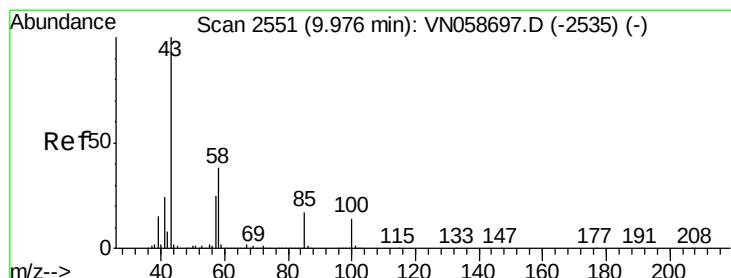
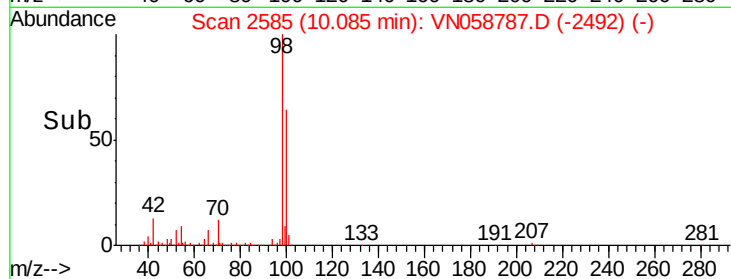
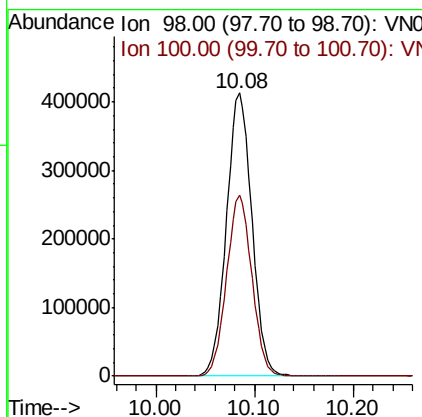
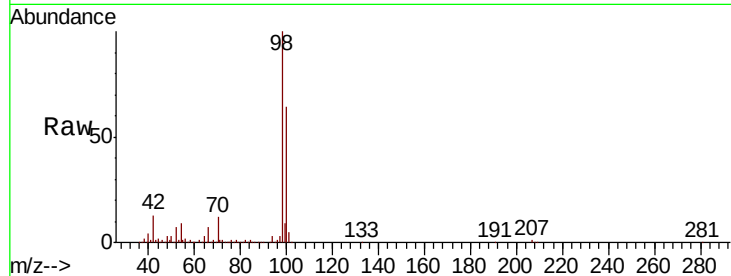




#50  
Toluene-d8  
Concen: 51.769 ug/l  
RT: 10.08 min Scan# 2585  
Delta R.T. -0.00 min  
Lab File: VN058787.D  
Acq: 15 Oct 2019 17:00

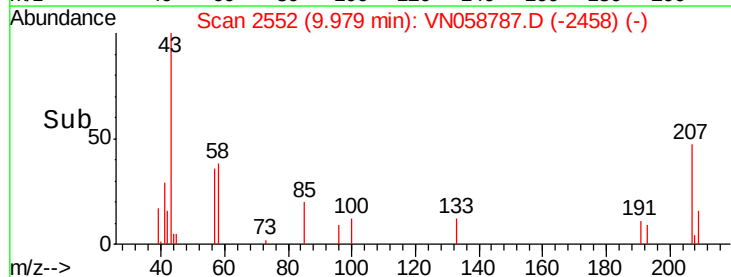
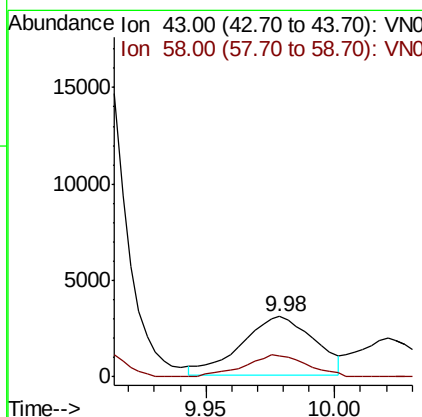
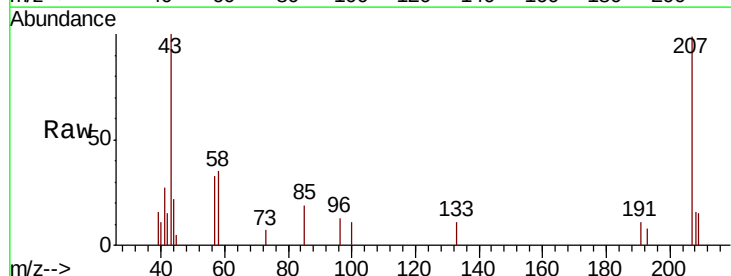
Instrument :  
MSVOA\_N  
ClientSampled :  
COMP-33

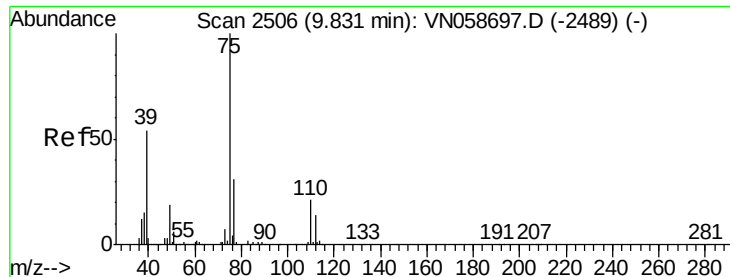
Tot Ion: 98 Resp: 750106  
Ion Ratio Lower Upper  
98 100  
100 63.3 51.1 76.7



#51  
4-Methyl-2-Pentanone  
Concen: 1.041 ug/l  
RT: 9.98 min Scan# 2552  
Delta R.T. 0.00 min  
Lab File: VN058787.D  
Acq: 15 Oct 2019 17:00

Tgt Ion: 43 Resp: 5976  
Ion Ratio Lower Upper  
43 100  
58 32.4 30.3 45.5



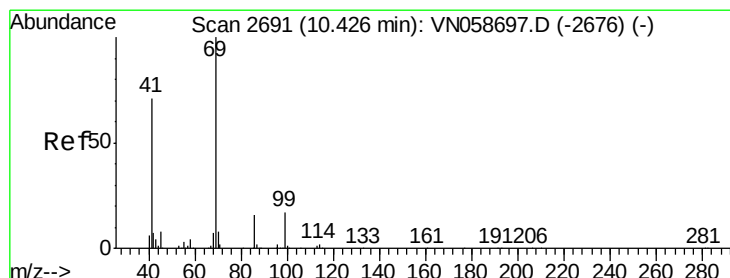
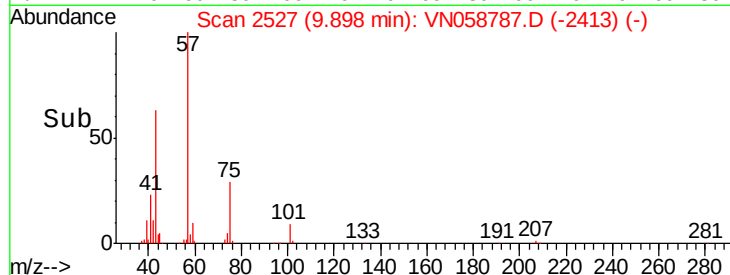
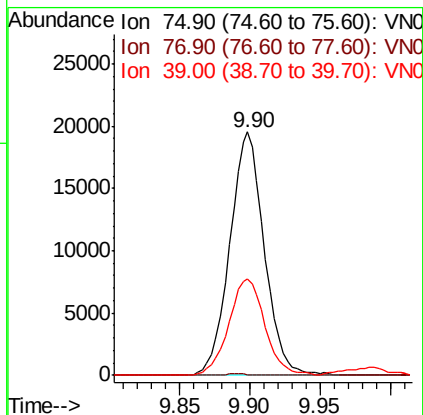
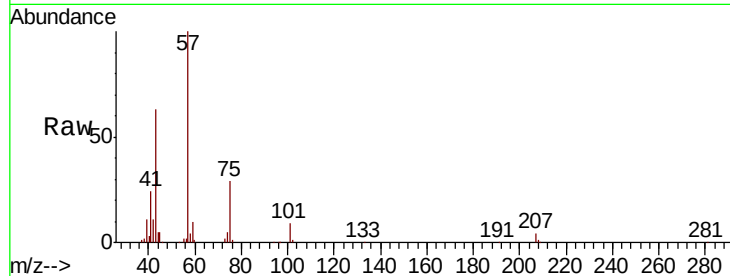


#54

cis-1,3-Dichloropropene  
 Concen: 4.641 ug/l  
 RT: 9.90 min Scan# 2527  
 Delta R.T. 0.07 min  
 Lab File: VN058787.D  
 Acq: 15 Oct 2019 17:00

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 COMP-33

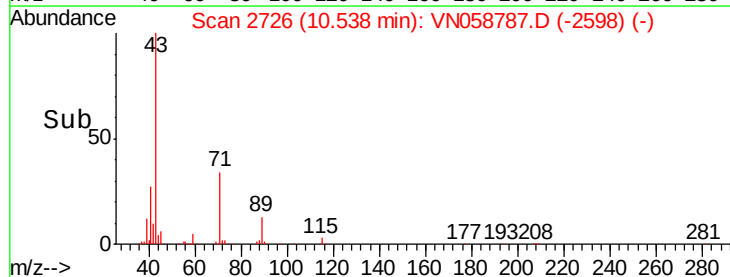
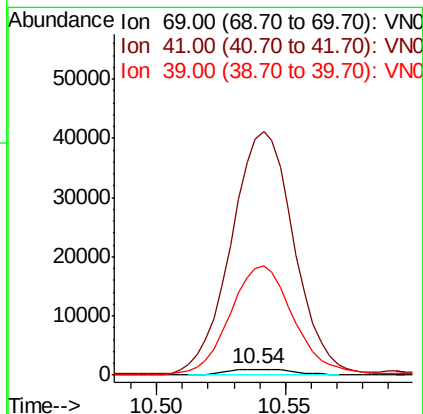
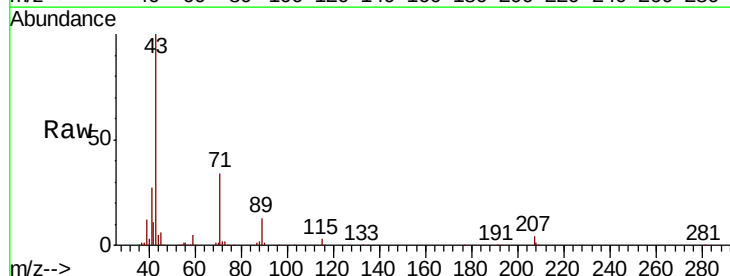
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 0.0   | 24.4  | 36.6# |
| 39      | 39.3  | 43.1  | 64.7# |

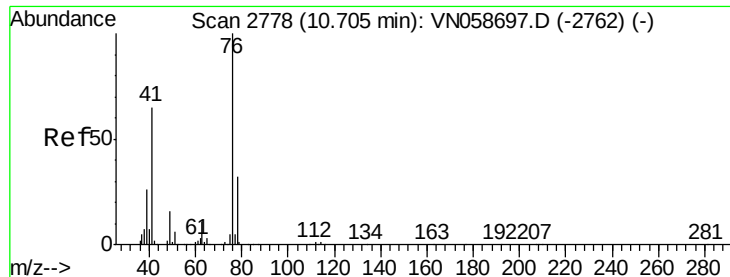


#56

Ethyl methacrylate  
 Concen: 0.285 ug/l  
 RT: 10.54 min Scan# 2726  
 Delta R.T. 0.11 min  
 Lab File: VN058787.D  
 Acq: 15 Oct 2019 17:00

| Tgt Ion | Ratio  | Lower | Upper |
|---------|--------|-------|-------|
| 69      | 100    |       |       |
| 41      | 3909.1 | 56.8  | 85.2# |
| 39      | 1793.4 | 32.5  | 48.7# |





#57

1,3-Dichloropropane

Concen: 0.739 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058787.D

Acq: 15 Oct 2019 17:00

Instrument :

MSVOA\_N

ClientSampleId :

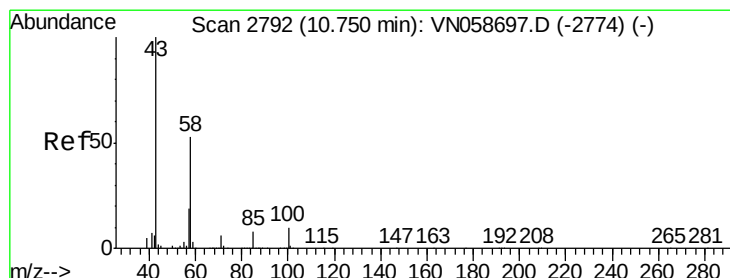
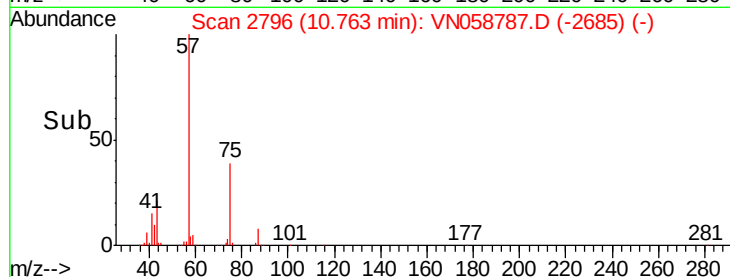
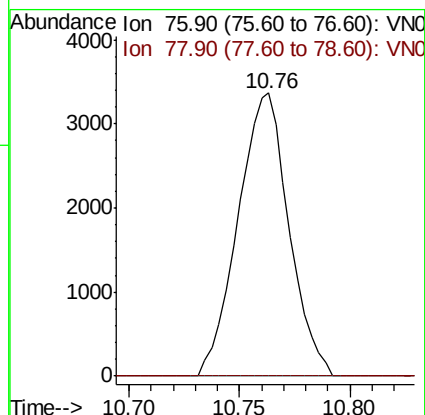
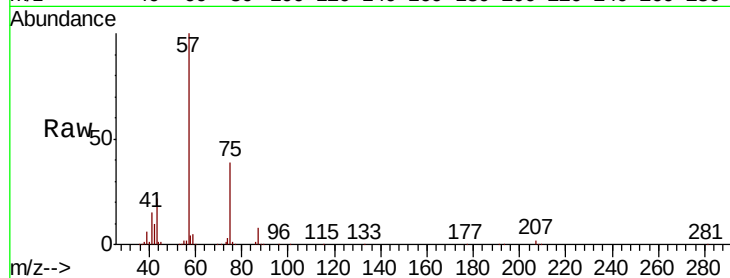
COMP-33

Tot Ion: 76 Resp: 5367

Ion Ratio Lower Upper

76 100

78 0.0 25.9 38.9#



#59

2-Hexanone

Concen: 19.559 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN058787.D

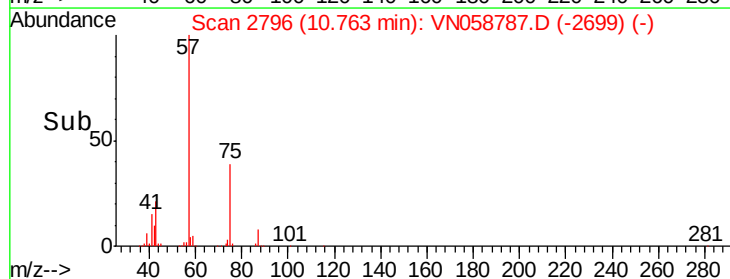
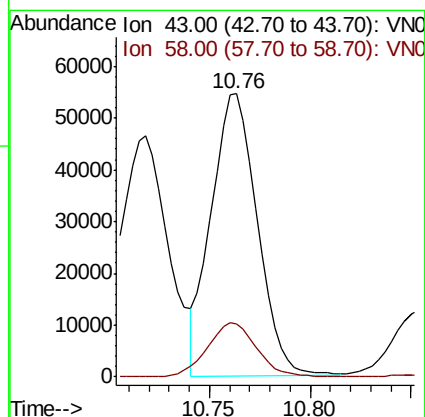
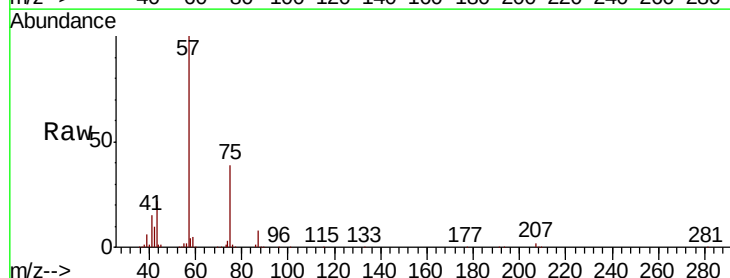
Acq: 15 Oct 2019 17:00

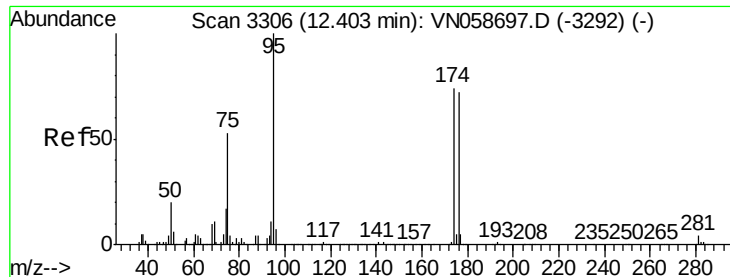
Tgt Ion: 43 Resp: 86741

Ion Ratio Lower Upper

43 100

58 20.6 26.1 78.3#





#62

4-Bromofluorobenzene

Concen: 43.914 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058787.D

Acq: 15 Oct 2019 17:00

Instrument :

MSVOA\_N

ClientSampleId :

COMP-33

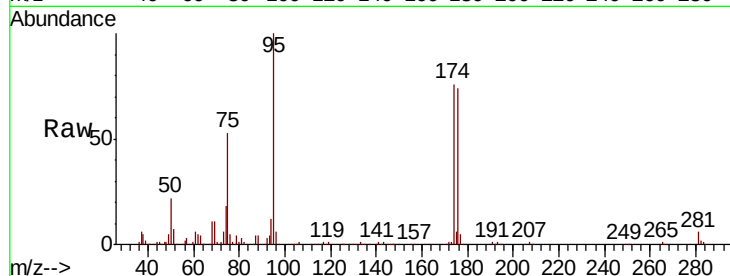
Tot Ion: 95 Resp: 240852

Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.4

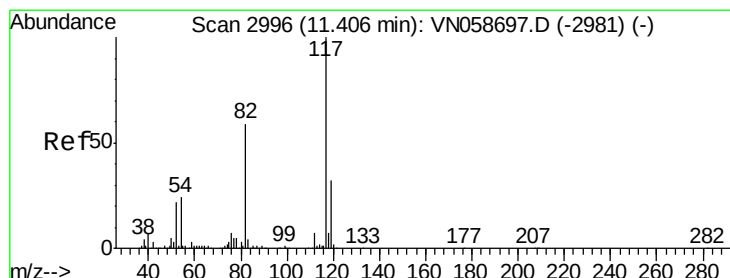
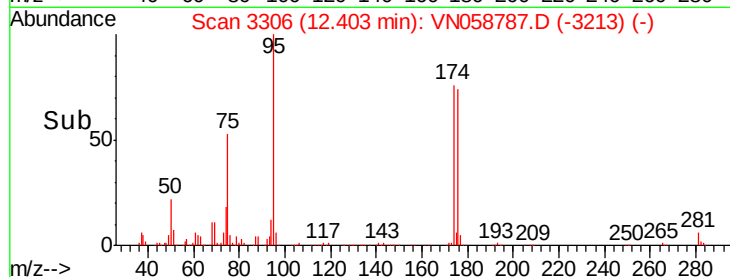
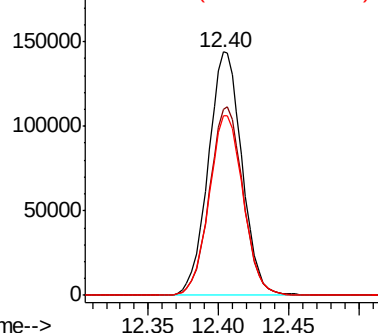
176 75.0 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VN058697.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058697.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058697.D (-3292) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058787.D

Acq: 15 Oct 2019 17:00

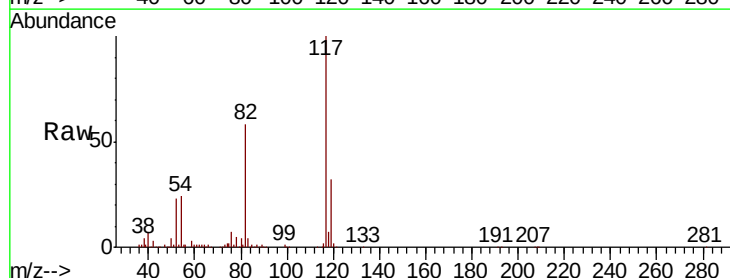
Tgt Ion: 117 Resp: 534312

Ion Ratio Lower Upper

117 100

82 58.3 47.0 70.4

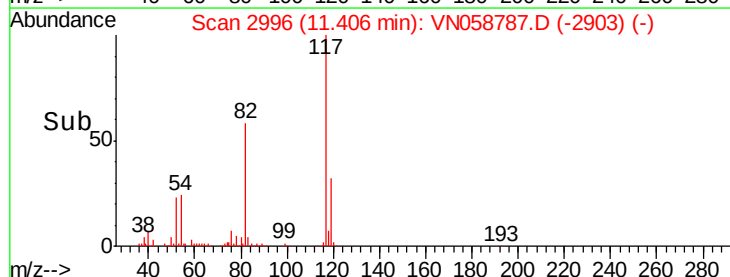
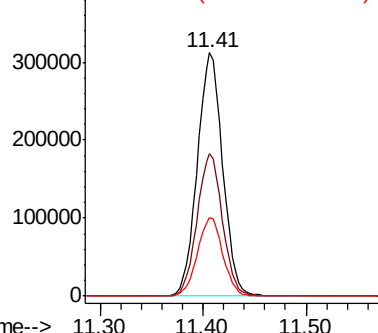
119 32.4 25.4 38.2

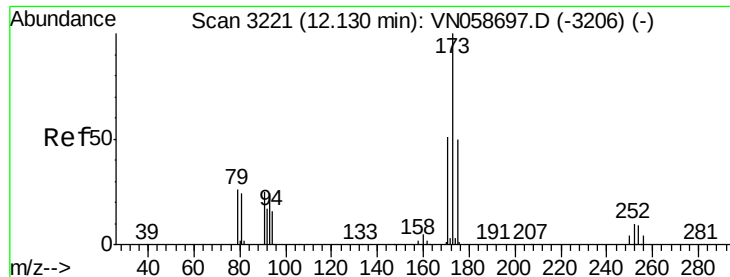


Abundance Ion 116.90 (116.60 to 117.60): VN058697.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058697.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058697.D (-2981) (-)





#71

Bromoform

Concen: 0.669 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058787.D

Acq: 15 Oct 2019 17:00

Instrument :

MSVOA\_N

ClientSampled :

COMP-33

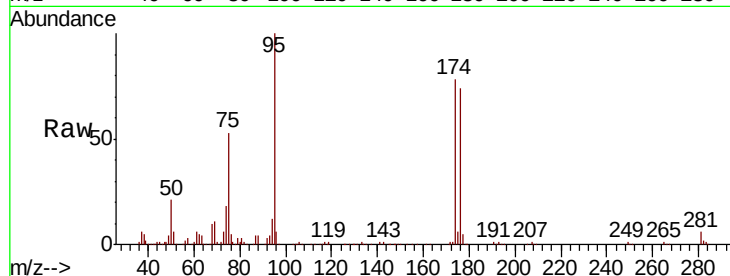
Tot Ion:173 Resp: 1967

Ion Ratio Lower Upper

173 100

175 615.9 24.6 73.8#

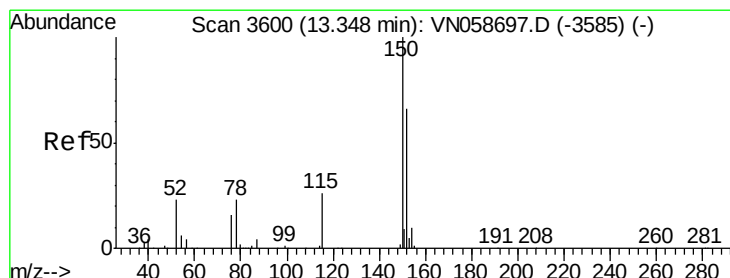
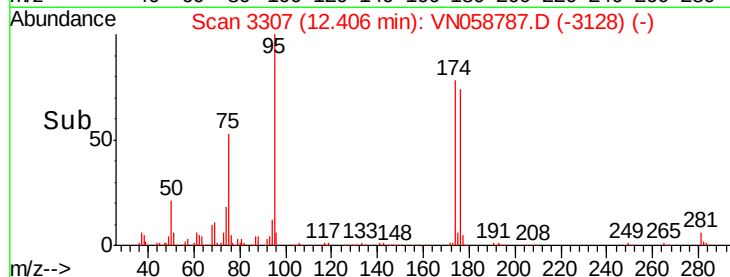
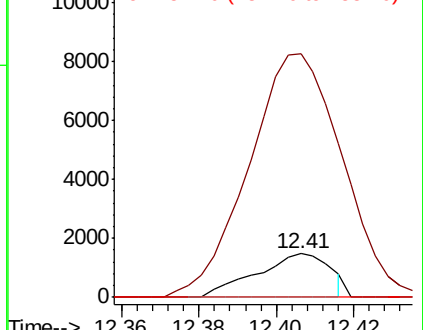
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058787.D

Acq: 15 Oct 2019 17:00

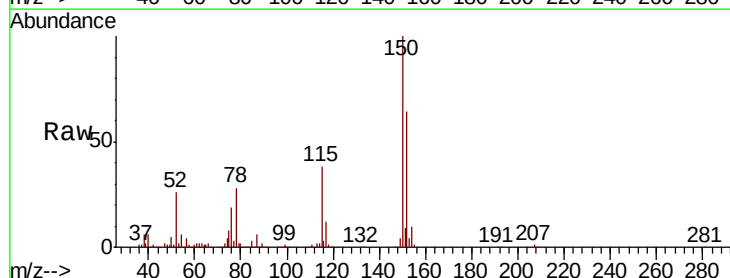
Tgt Ion:152 Resp: 214870

Ion Ratio Lower Upper

152 100

115 60.4 30.4 91.2

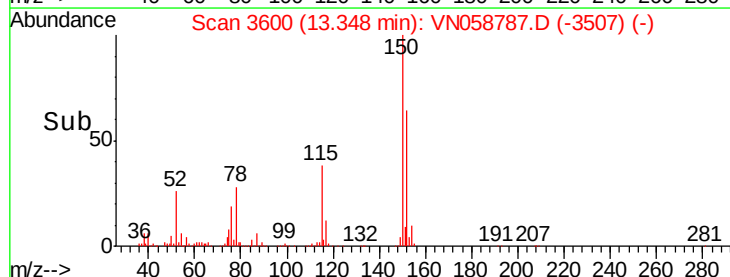
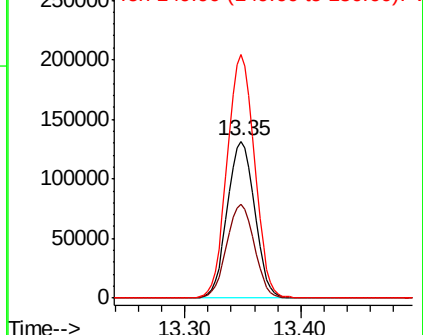
150 155.2 0.0 345.4



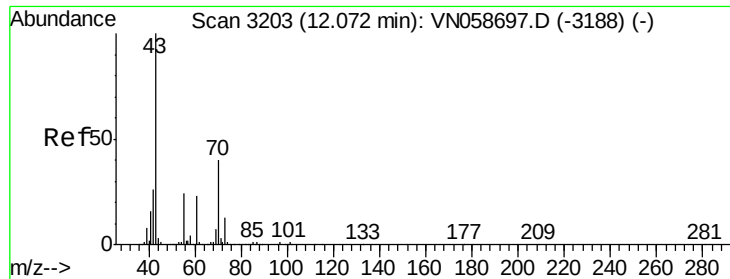
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V







#74

N-amvl acetate

Concen: 0.439 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN058787.D

Acq: 15 Oct 2019 17:00

Instrument :

MSVOA\_N

ClientSampleId :

COMP-33

Tot Ion: 43 Resp: 3069

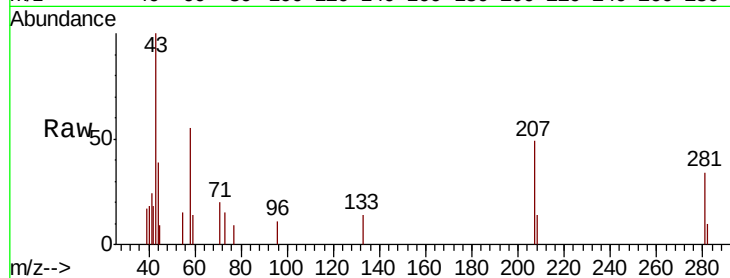
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.4#

55 12.2 19.6 29.4#

61 0.0 18.6 28.0#

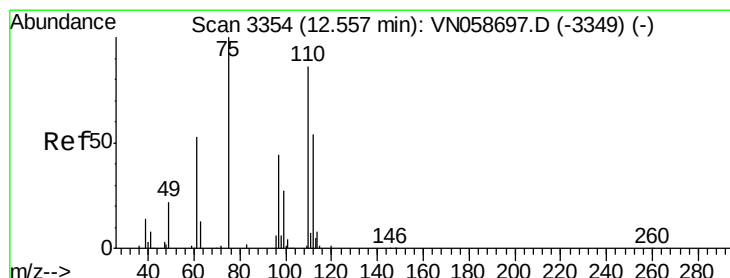
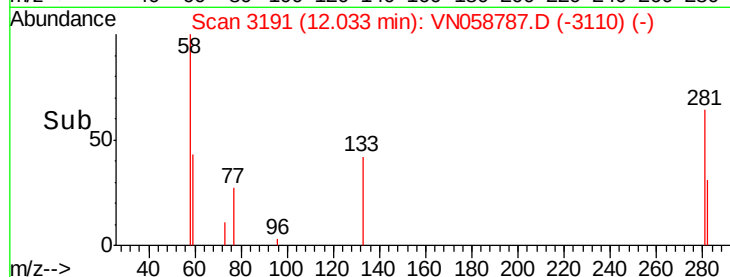
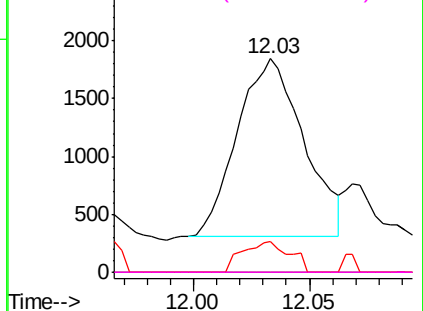


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 27.926 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058787.D

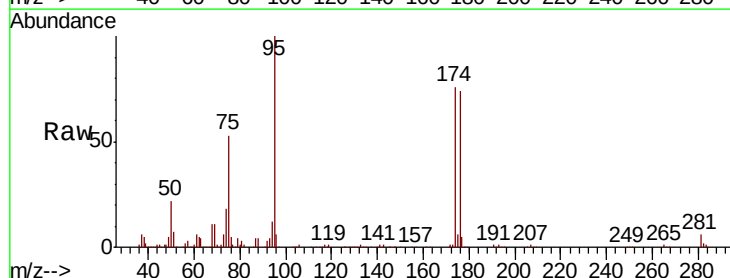
Acq: 15 Oct 2019 17:00

Tgt Ion: 75 Resp: 131637

Ion Ratio Lower Upper

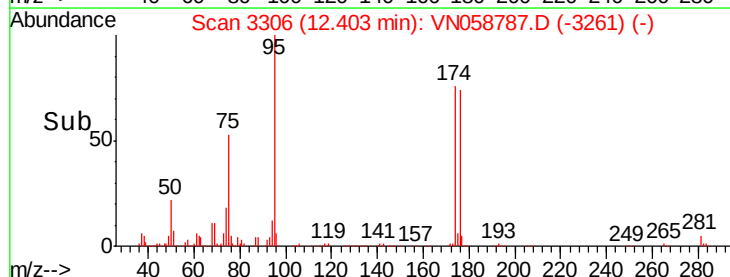
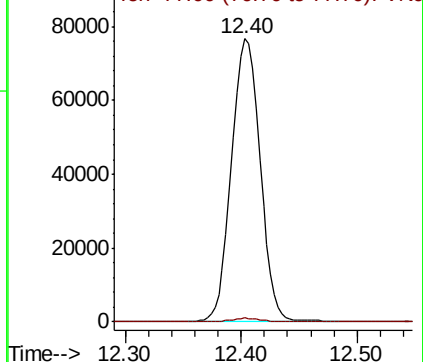
75 100

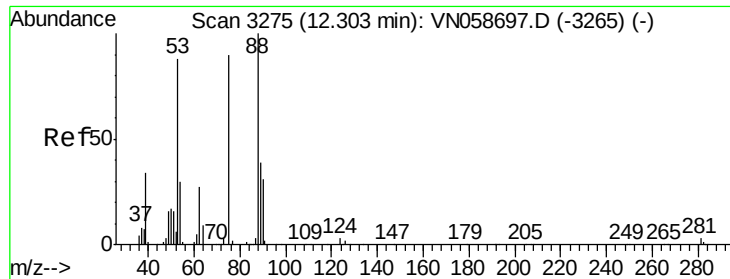
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

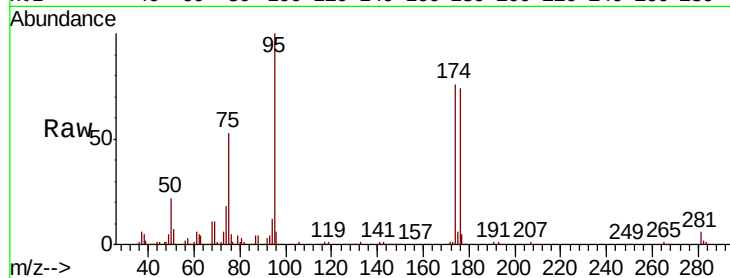




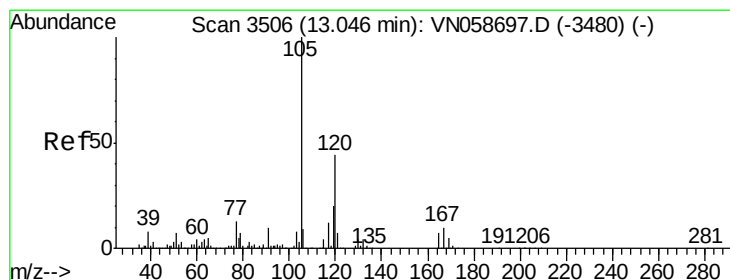
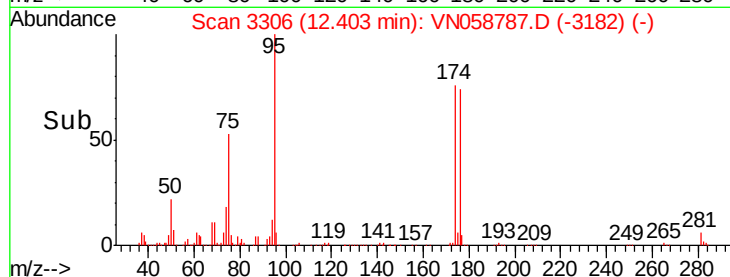
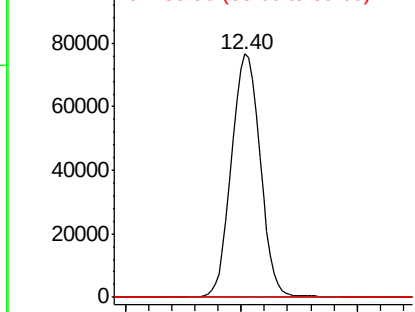
#81  
trans-1,4-Dichloro-2-butene  
Concen: 74.806 ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. 0.10 min  
Lab File: VN058787.D  
Acq: 15 Oct 2019 17:00

Instrument :  
MSVOA\_N  
ClientSampled :  
COMP-33

Tot Ion: 75 Resp: 131637  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.4 117.6#  
89 0.1 34.9 52.3#

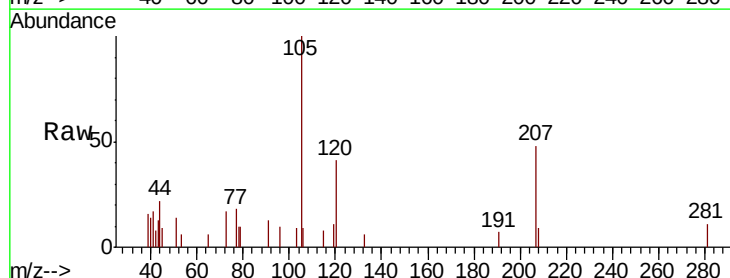


Abundance Ion 74.90 (74.60 to 75.60): VN0  
Ion 53.00 (52.70 to 53.70): VN0  
Ion 88.90 (88.60 to 89.60): VN0

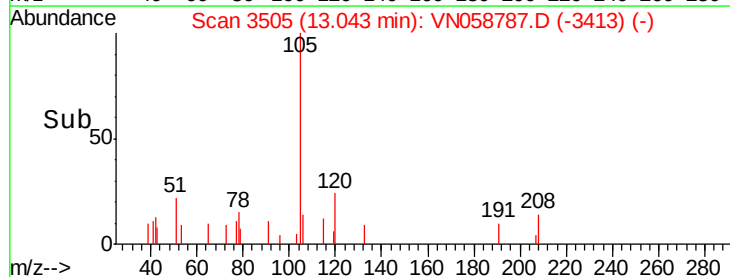
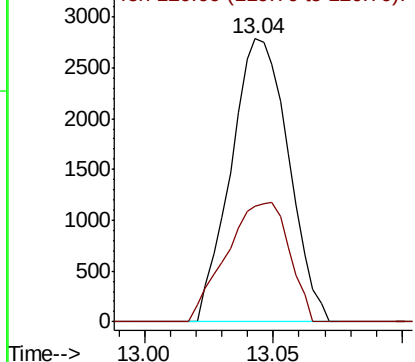


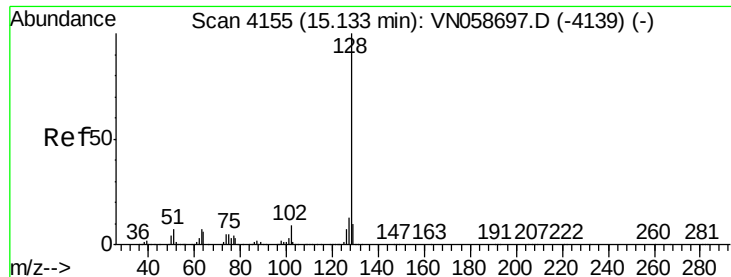
#84  
1,2,4-Trimethylbenzene  
Concen: 0.327 ug/l  
RT: 13.04 min Scan# 3505  
Delta R.T. -0.00 min  
Lab File: VN058787.D  
Acq: 15 Oct 2019 17:00

Tgt Ion: 105 Resp: 4317  
Ion Ratio Lower Upper  
105 100  
120 45.9 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V

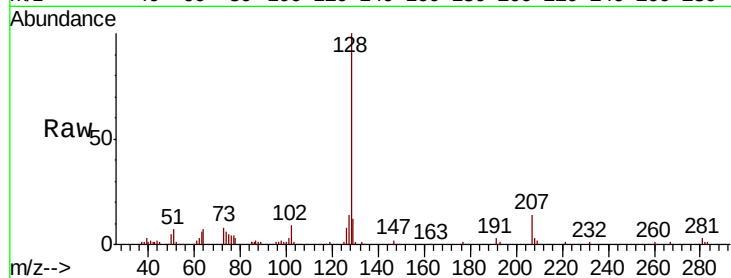




#95  
Naphthalene  
Concen: 6.072 ug/l  
RT: 15.13 min Scan# 4155  
Delta R.T. -0.00 min  
Lab File: VN058787.D  
Acq: 15 Oct 2019 17:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
COMP-33

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.5  | 10.2  | 15.4  |
| 129     | 11.5  | 8.5   | 12.7  |



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

