

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101419\  
 Data File : VN058765.D  
 Acq On : 14 Oct 2019 21:20  
 Operator : JC/SP  
 Sample : K5266-14  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 AMENDED-COMPOSITE-CRE

Quant Time: Oct 15 03:16:45 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  | 384794   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 647282   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 593549   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 251582   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.01  | 65   | 304009   | 56.43 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 112.86% |          |
| 35) Dibromofluoromethane    | 7.66  | 113  | 623      | 0.16  | ug/l    | 0.08     |
| Spiked Amount               |       |      | Recovery | =     | 0.32%   |          |
| 50) Toluene-d8              | 10.08 | 98   | 796655   | 49.83 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.66%  |          |
| 62) 4-Bromofluorobenzene    | 12.41 | 95   | 272219   | 44.98 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.96%  |          |

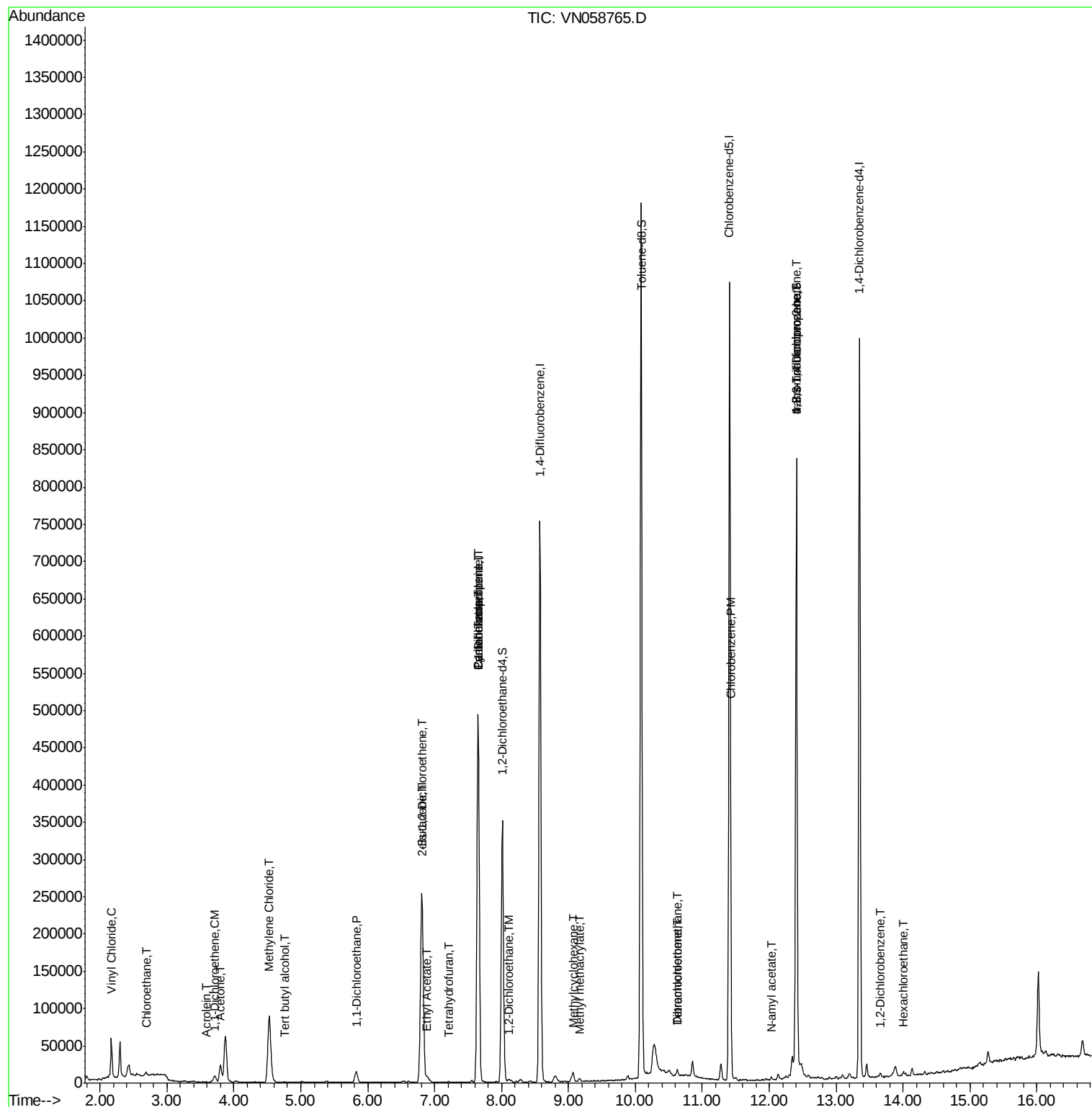
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 4) Vinyl Chloride              | 2.17  | 62   | 46876    | 8.259  | ug/l   | 98     |
| 6) Chloroethane                | 2.69  | 64   | 3154     | 0.901  | ug/l   | 91     |
| 11) Tert butyl alcohol         | 4.75  | 59   | 427      | 0.489  | ug/l # | 72     |
| 12) 1,1-Dichloroethene         | 3.72  | 96   | 3953     | 1.070  | ug/l # | 82     |
| 13) Acrolein                   | 3.59  | 56   | 199      | 0.284  | ug/l # | 32     |
| 16) Acetone                    | 3.80  | 43   | 38968    | 17.473 | ug/l   | 98     |
| 20) Methylene Chloride         | 4.53  | 84   | 66506    | 14.269 | ug/l   | 98     |
| 24) 1,1-Dichloroethane         | 5.83  | 63   | 22125    | 2.679  | ug/l   | 99     |
| 25) 2-Butanone                 | 6.82  | 43   | 7745     | 2.403  | ug/l # | 81     |
| 27) cis-1,2-Dichloroethene     | 6.81  | 96   | 160507   | 33.298 | ug/l   | 88     |
| 29) Tetrahydrofuran            | 7.21  | 42   | 460      | 0.221  | ug/l # | 41     |
| 31) Cyclohexane                | 7.64  | 56   | 10664    | 1.350  | ug/l # | 14     |
| 36) 1,1-Dichloropropene        | 7.65  | 75   | 32246    | 4.927  | ug/l # | 51     |
| 37) Ethyl Acetate              | 6.89  | 43   | 1907     | 0.288  | ug/l # | 69     |
| 38) Carbon Tetrachloride       | 7.65  | 117  | 38434    | 6.026  | ug/l # | 17     |
| 39) Methylcyclohexane          | 9.07  | 83   | 4165     | 0.548  | ug/l # | 86     |
| 42) 1,2-Dichloroethane         | 8.11  | 62   | 3296     | 0.456  | ug/l # | 78     |
| 48) Methyl methacrylate        | 9.15  | 41   | 1271     | 0.249  | ug/l # | 45     |
| 60) Dibromochloromethane       | 10.63 | 129  | 1513     | 0.312  | ug/l # | 11     |
| 64) Tetrachloroethene          | 10.63 | 164  | 1493     | 0.359  | ug/l # | 81     |
| 65) Chlorobenzene              | 11.43 | 112  | 4506     | 0.374  | ug/l   | 98     |
| 74) N-amyl acetate             | 12.03 | 43   | 2562     | 0.313  | ug/l # | 46     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 145889   | 26.433 | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 145889   | 70.807 | ug/l # | 11     |
| 90) Hexachloroethane           | 14.00 | 117  | 2735     | 0.958  | ug/l # | 10     |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 2736     | 0.343  | ug/l   | 96     |

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

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QLast Update : Sat Oct 12 00:00:30 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058765.D

Acq: 14 Oct 2019 21:20

Instrument :

MSVOA\_N

ClientSampleId :

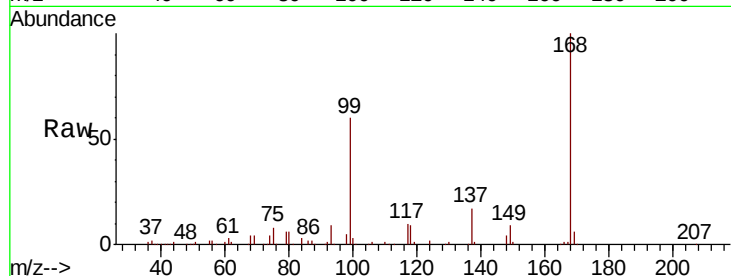
AMENDED-COMPOSITE-CRE

Tot Ion:168 Resp: 384794

Ion Ratio Lower Upper

168 100

99 59.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

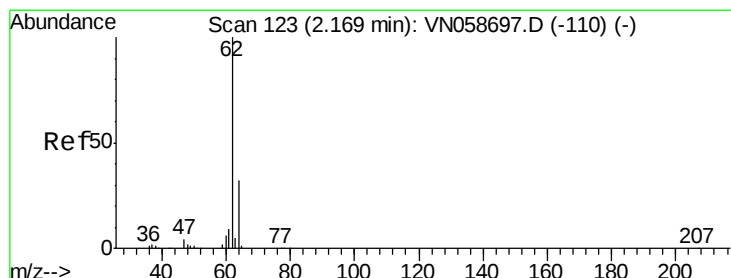
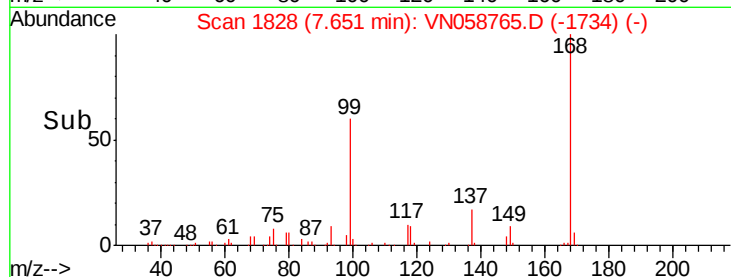
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 8.259 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN058765.D

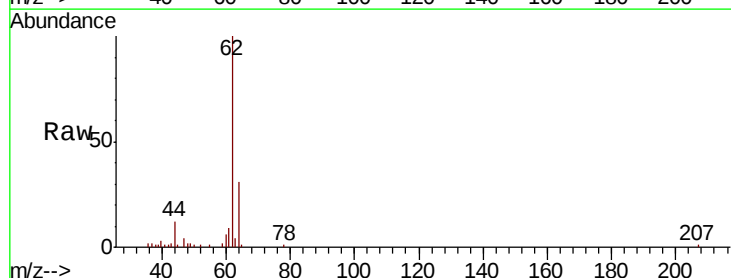
Acq: 14 Oct 2019 21:20

Tgt Ion: 62 Resp: 46876

Ion Ratio Lower Upper

62 100

64 30.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VN

Ion 63.90 (63.60 to 64.60): VN

2.17

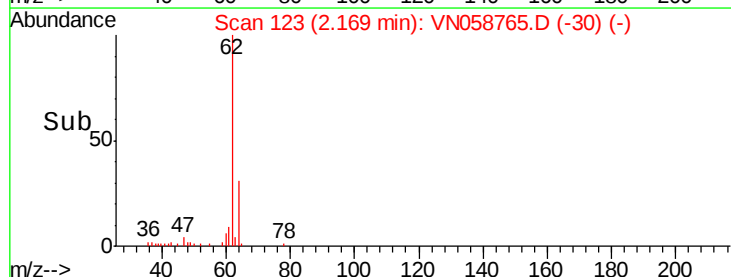
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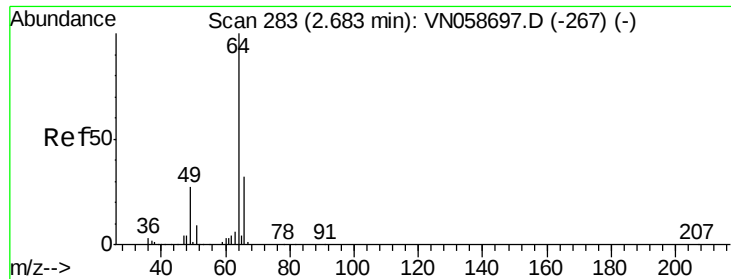
20000

10000

0

Time-->





#6

Chloroethane

Concen: 0.901 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN058765.D

Acq: 14 Oct 2019 21:20

Instrument :

MSVOA\_N

ClientSampleId :

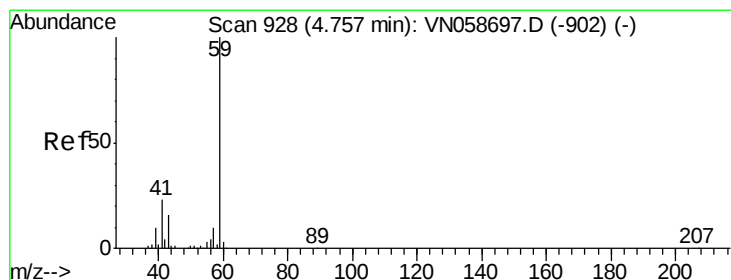
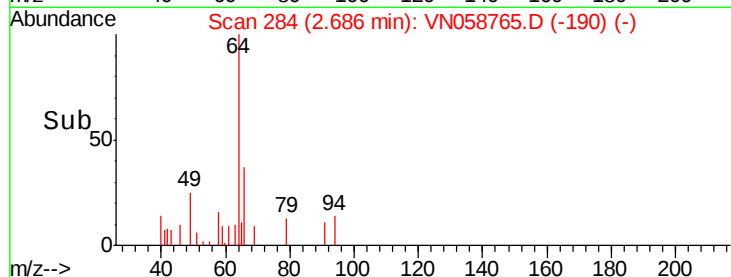
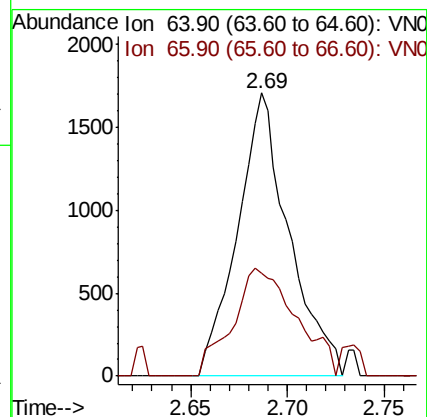
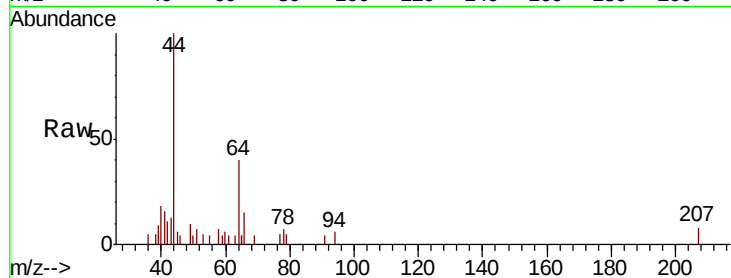
AMENDED-COMPOSITE-CRE

Tot Ion: 64 Resp: 3154

Ion Ratio Lower Upper

64 100

66 36.6 25.4 38.2



#11

Tert butyl alcohol

Concen: 0.489 ug/l

RT: 4.75 min Scan# 927

Delta R.T. -0.00 min

Lab File: VN058765.D

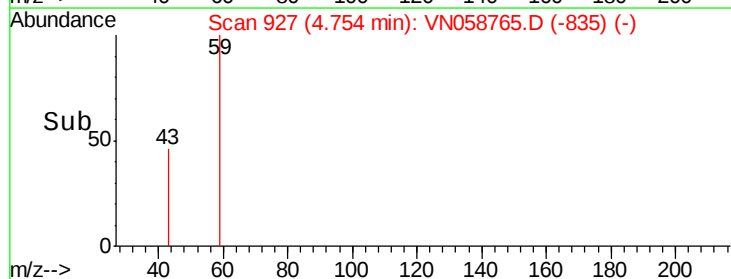
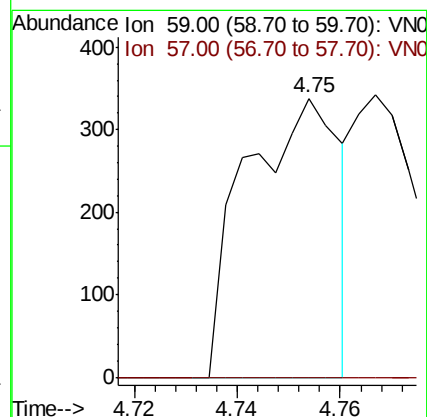
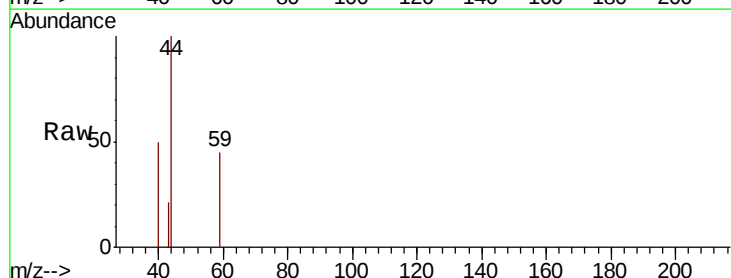
Acq: 14 Oct 2019 21:20

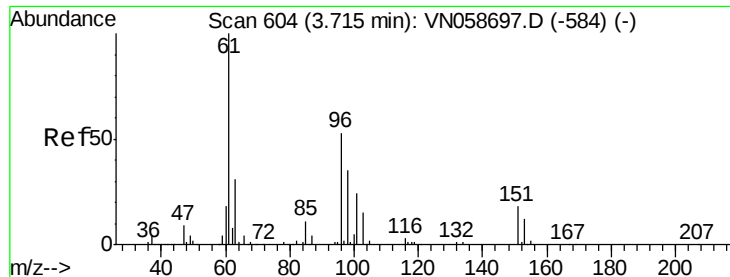
Tgt Ion: 59 Resp: 427

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#





#12

1,1-Dichloroethene

Concen: 1.070 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN058765.D

Acq: 14 Oct 2019 21:20

Instrument :

MSVOA\_N

ClientSampleId :

AMENDED-COMPOSITE-CRE

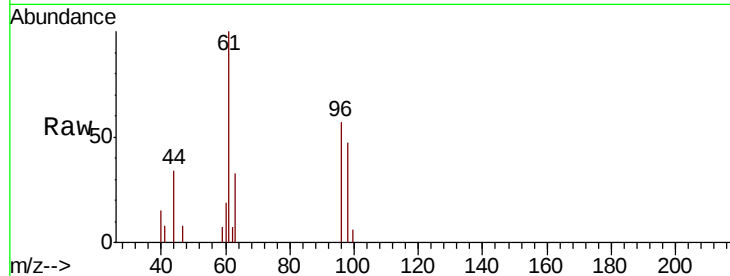
Tot Ion: 96 Resp: 3953

Ion Ratio Lower Upper

96 100

61 163.6 151.3 226.9

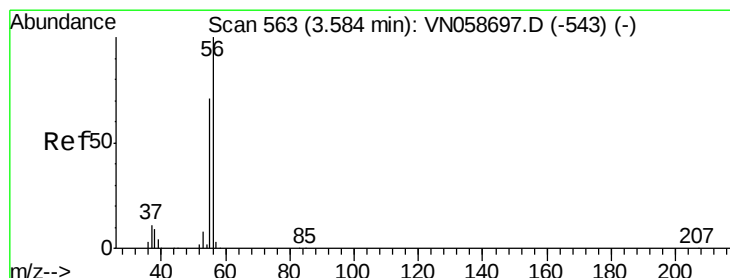
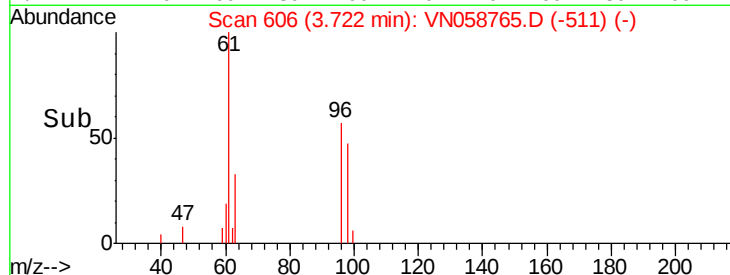
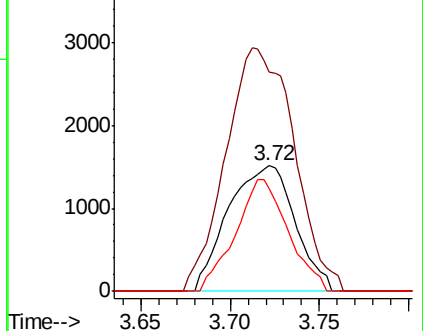
98 82.2 52.6 78.8#



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#13

Acrolein

Concen: 0.284 ug/l

RT: 3.59 min Scan# 565

Delta R.T. 0.01 min

Lab File: VN058765.D

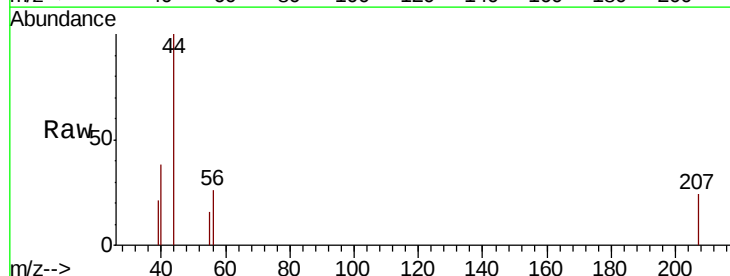
Acq: 14 Oct 2019 21:20

Tgt Ion: 56 Resp: 199

Ion Ratio Lower Upper

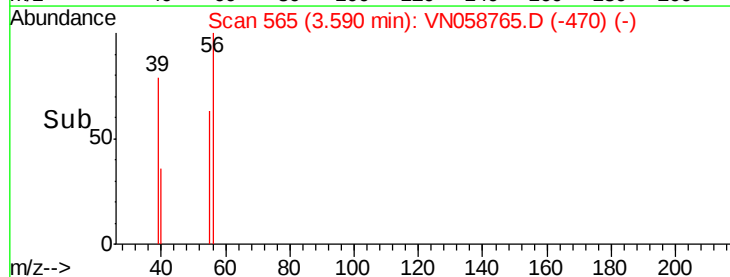
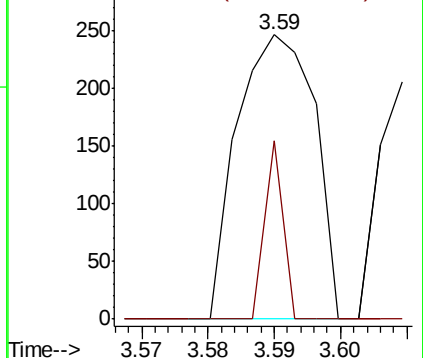
56 100

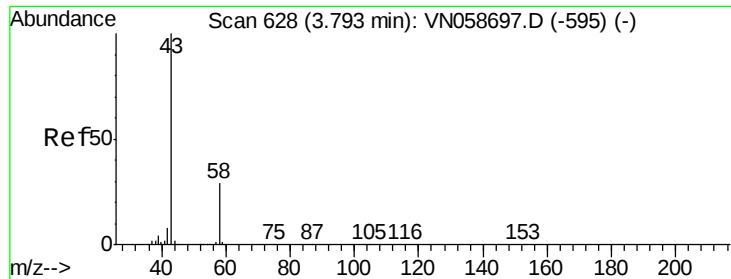
55 15.1 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 17.473 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058765.D

Acq: 14 Oct 2019 21:20

Instrument :

MSVOA\_N

ClientSampleId :

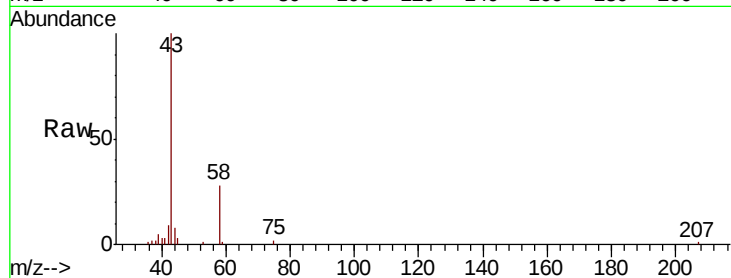
AMENDED-COMPOSITE-CRE

Tot Ion: 43 Resp: 38968

Ion Ratio Lower Upper

43 100

58 28.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN058697.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN058697.D (-595) (-)

15000

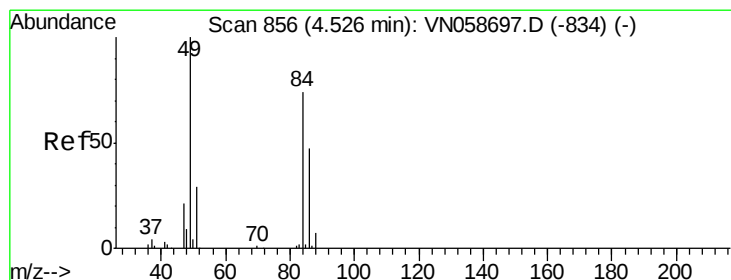
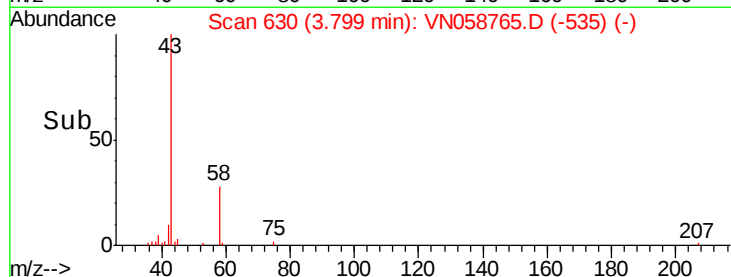
10000

5000

0

3.70 3.80 3.90

Time-->



#20

Methylene Chloride

Concen: 14.269 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.01 min

Lab File: VN058765.D

Acq: 14 Oct 2019 21:20

Tgt Ion: 84 Resp: 66506

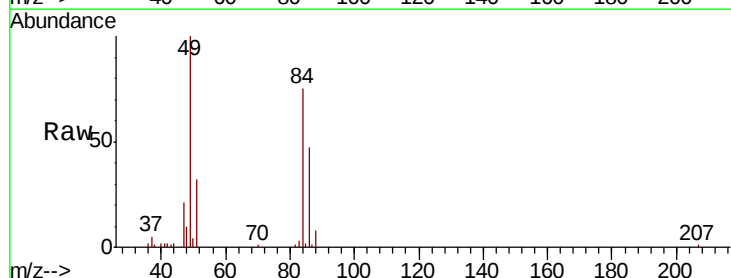
Ion Ratio Lower Upper

84 100

49 133.2 107.6 161.4

51 42.8 31.4 47.0

86 62.0 50.3 75.5



Abundance Ion 83.90 (83.60 to 84.60): VN058697.D (-834) (-)

Ion 48.90 (48.60 to 49.60): VN058697.D (-834) (-)

Ion 50.90 (50.60 to 51.60): VN058697.D (-834) (-)

Ion 85.90 (85.60 to 86.60): VN058697.D (-834) (-)

40000

30000

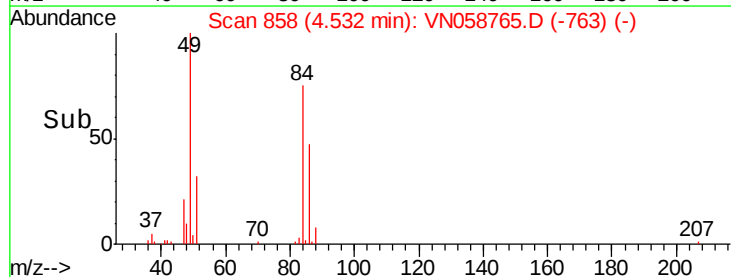
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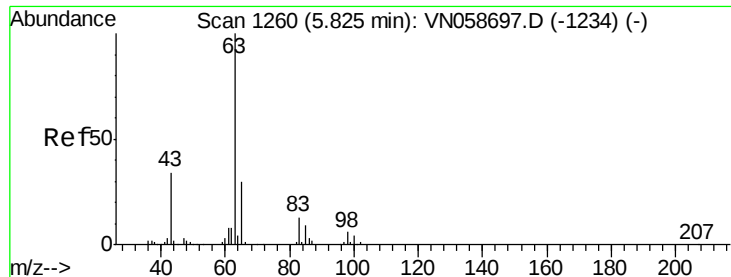
10000

0

4.40 4.50 4.60 4.70

Time-->





#24

1,1-Dichloroethane

Concen: 2.679 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VN058765.D

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AMENDED-COMPOSITE-CRE

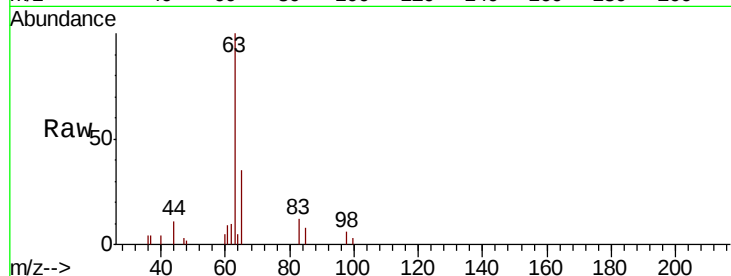
Tot Ion: 63 Resp: 22125

Ion Ratio Lower Upper

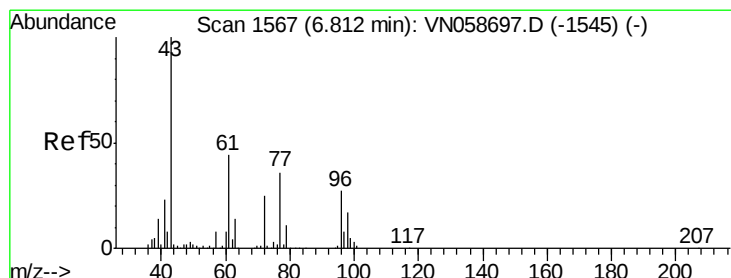
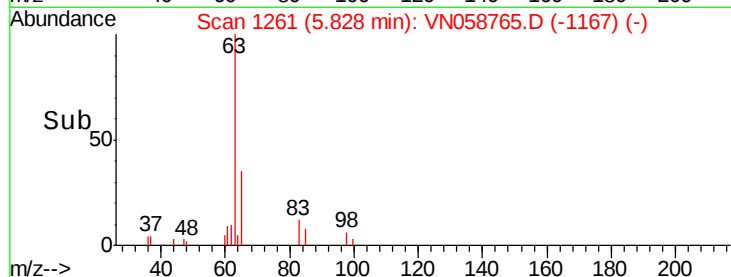
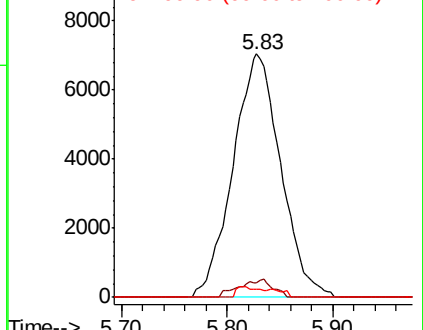
63 100

98 5.8 2.9 8.6

100 3.2 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0  
Ion 99.90 (99.60 to 100.60): VN0



#25

2-Butanone

Concen: 2.403 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN058765.D

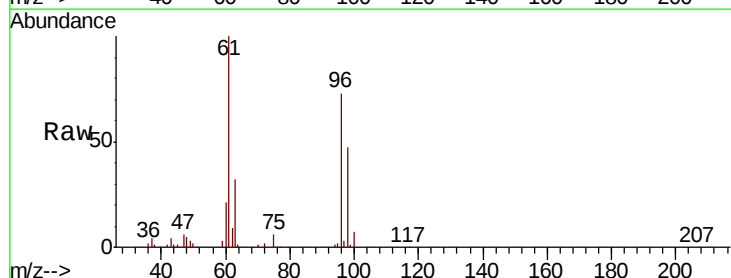
Acq: 14 Oct 2019 21:20

Tgt Ion: 43 Resp: 7745

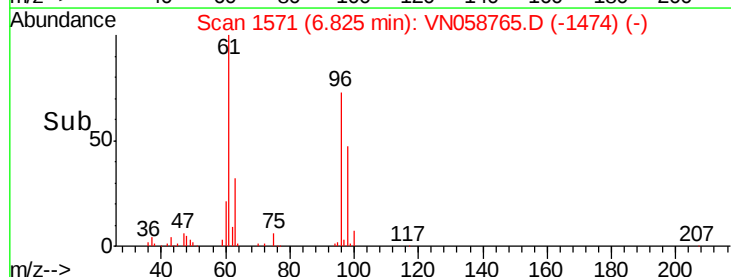
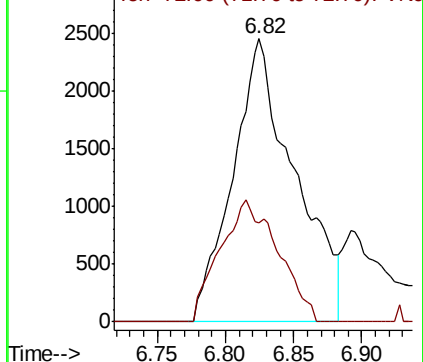
Ion Ratio Lower Upper

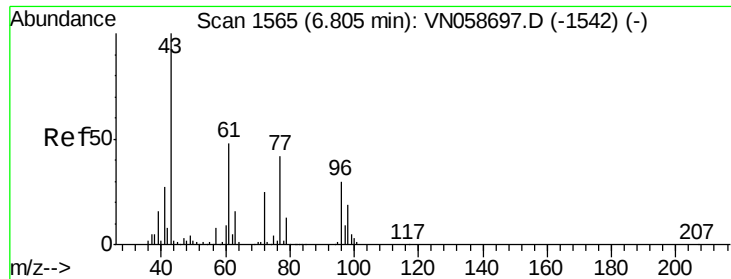
43 100

72 34.8 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0





#27

cis-1,2-Dichloroethene

Concen: 33.298 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058765.D

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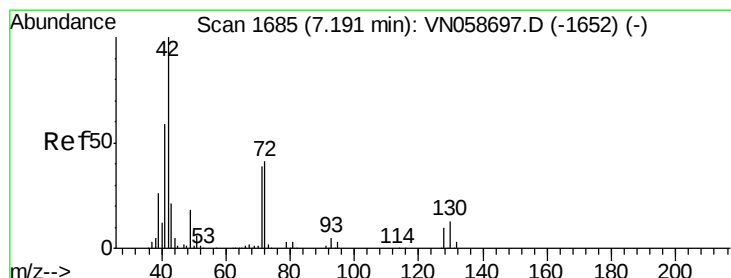
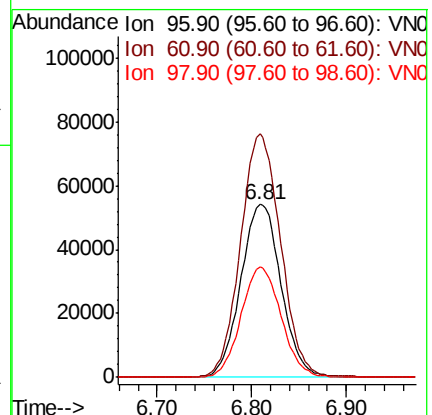
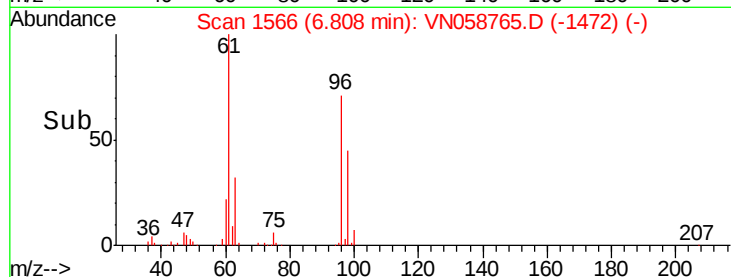
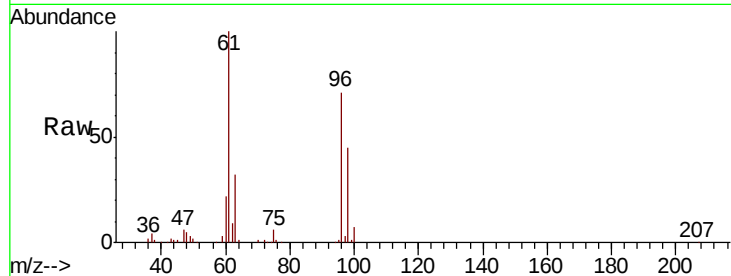
Tot Ion: 96 Resp: 160507

Ion Ratio Lower Upper

96 100

61 140.4 0.0 324.8

98 63.3 0.0 129.2



#29

Tetrahydrofuran

Concen: 0.221 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.02 min

Lab File: VN058765.D

Acq: 14 Oct 2019 21:20

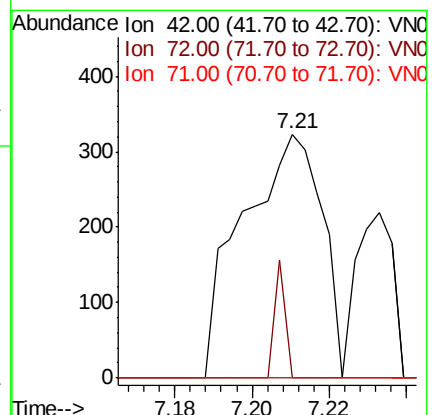
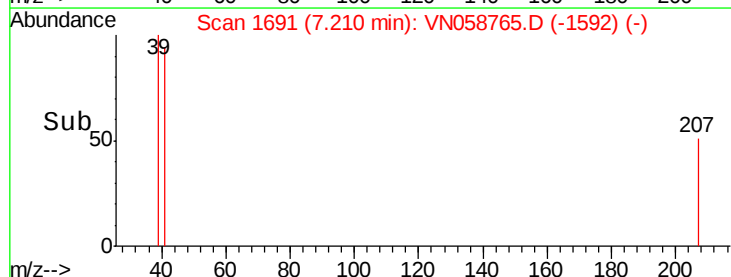
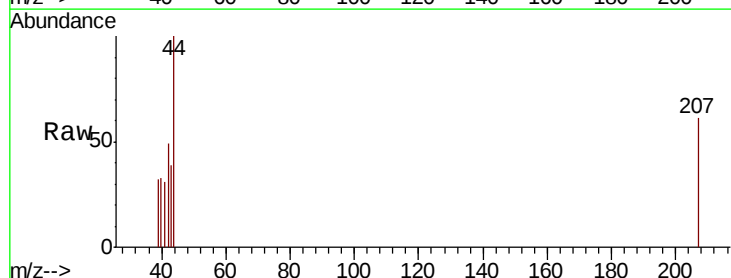
Tgt Ion: 42 Resp: 460

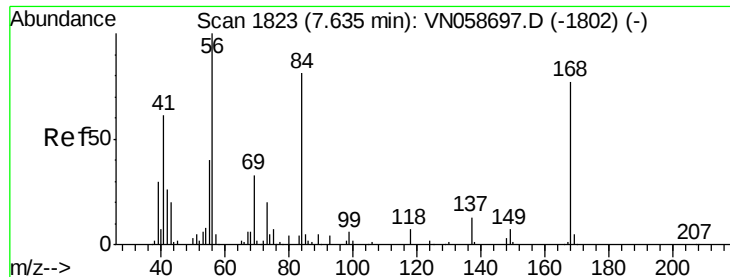
Ion Ratio Lower Upper

42 100

72 6.5 32.8 49.2#

71 0.0 31.1 46.7#

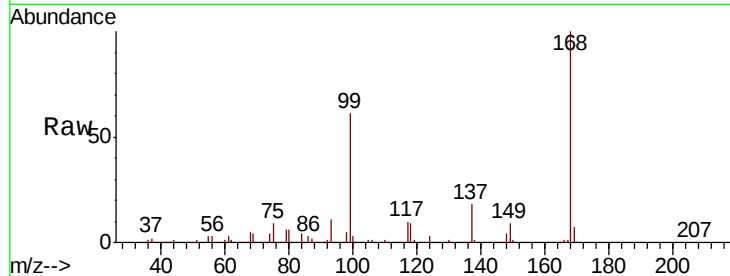




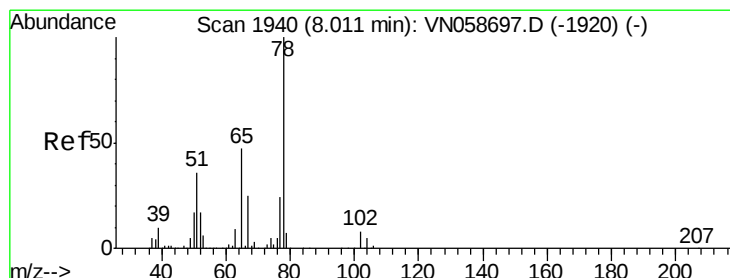
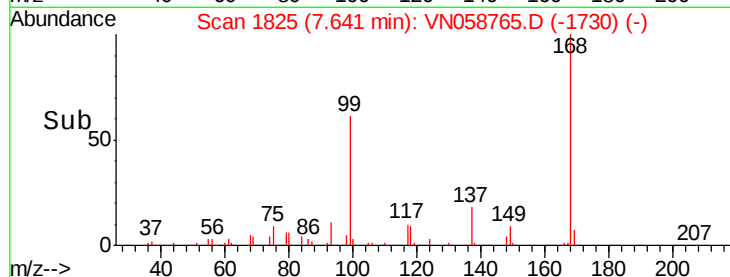
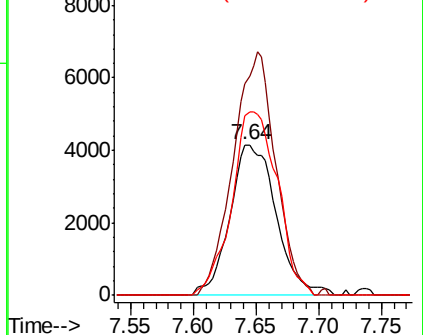
#31  
Cyclohexane  
Concen: 1.350 ug/l  
RT: 7.64 min Scan# 1825  
Delta R.T. 0.01 min  
Lab File: VN058765.D  
Acq: 14 Oct 2019 21:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
AMENDED-COMPOSITE-CRE

Tot Ion: 56 Resp: 10664  
Ion Ratio Lower Upper  
56 100  
69 141.1 26.2 39.4#  
84 119.4 64.9 97.3#

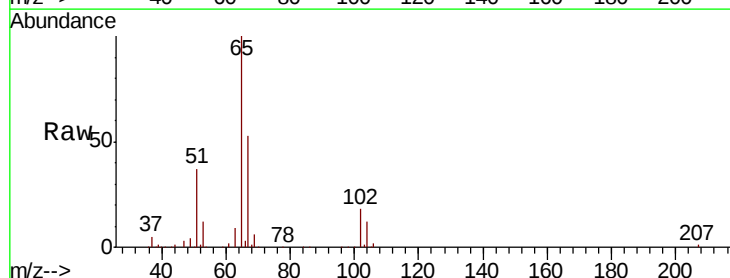


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

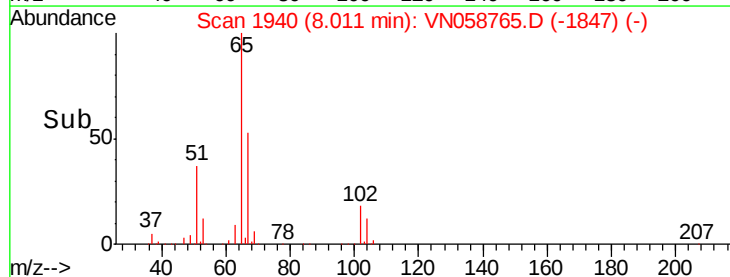
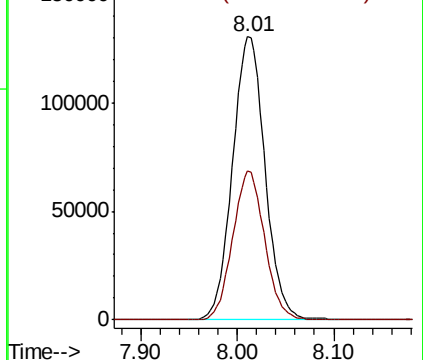


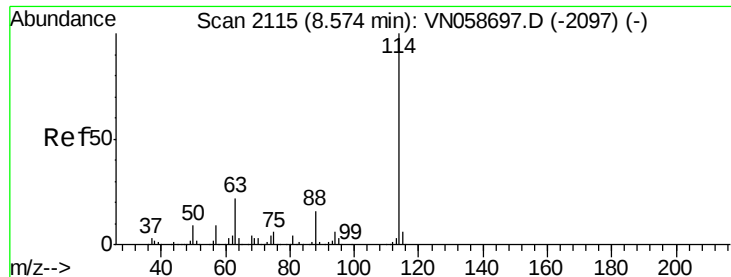
#33  
1,2-Dichloroethane-d4  
Concen: 56.433 ug/l  
RT: 8.01 min Scan# 1940  
Delta R.T. -0.00 min  
Lab File: VN058765.D  
Acq: 14 Oct 2019 21:20

Tgt Ion: 65 Resp: 304009  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0  
Ion 66.90 (66.60 to 67.60): VN0

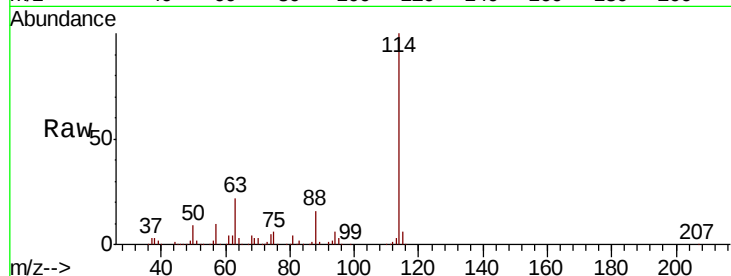




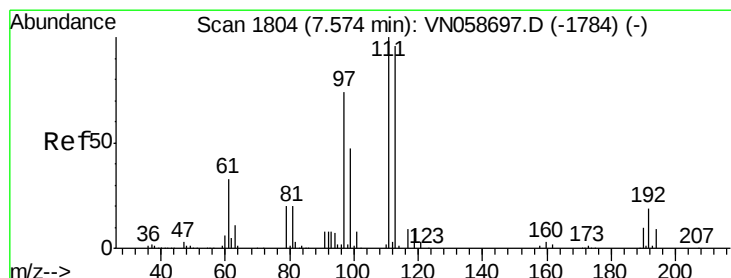
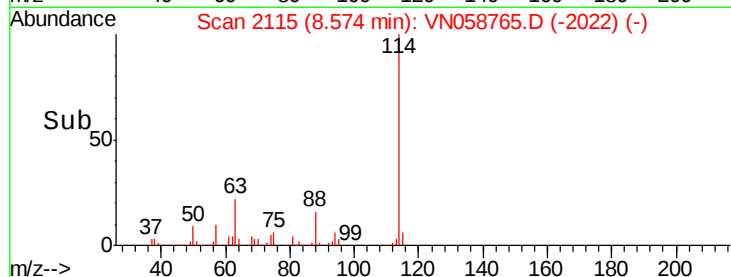
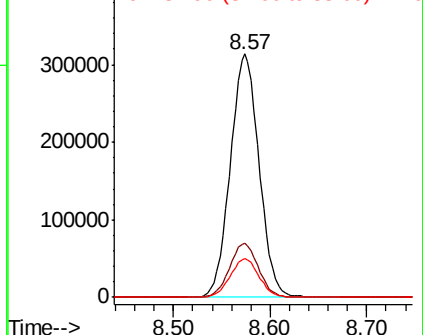
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.57 min Scan# 2115  
Delta R.T. -0.00 min  
Lab File: VN058765.D  
Acq: 14 Oct 2019 21:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
AMENDED-COMPOSITE-CRE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 22.1  | 0.0   | 43.8  |
| 88      | 15.9  | 0.0   | 32.0  |

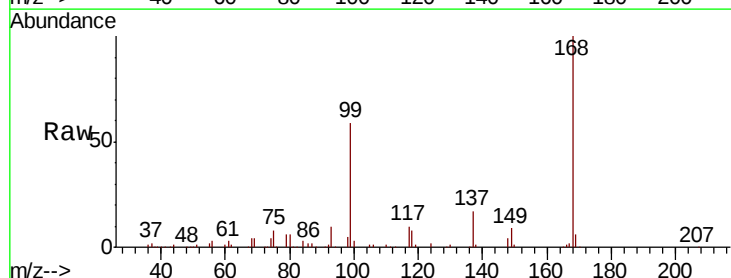


Abundance Ion 113.90 (113.60 to 114.60): V  
Ion 63.00 (62.70 to 63.70): VN  
Ion 87.90 (87.60 to 88.60): VN

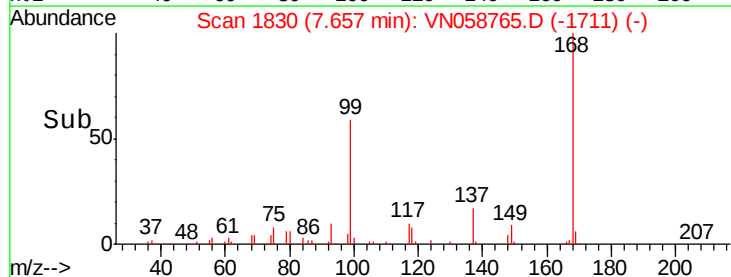
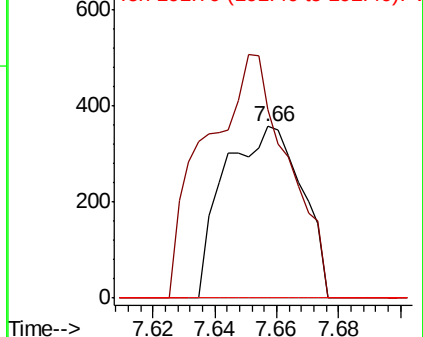


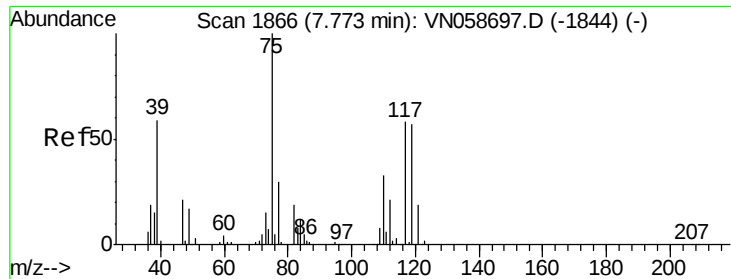
#35  
Dibromofluoromethane  
Concen: 0.156 ug/l  
RT: 7.66 min Scan# 1830  
Delta R.T. 0.08 min  
Lab File: VN058765.D  
Acq: 14 Oct 2019 21:20

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 111     | 150.2 | 82.3  | 123.5# |
| 192     | 0.0   | 15.0  | 22.6#  |



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

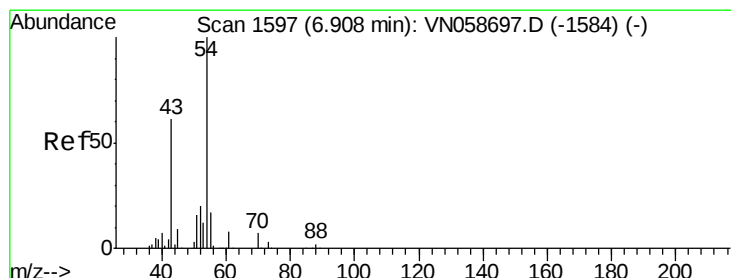
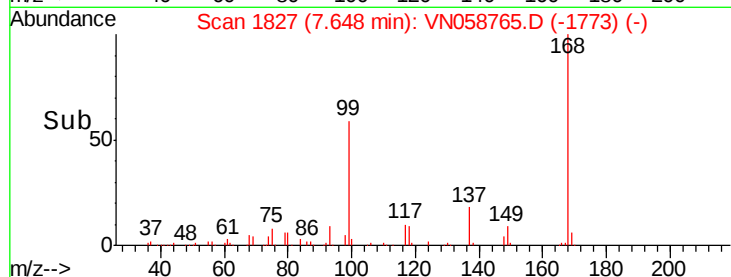
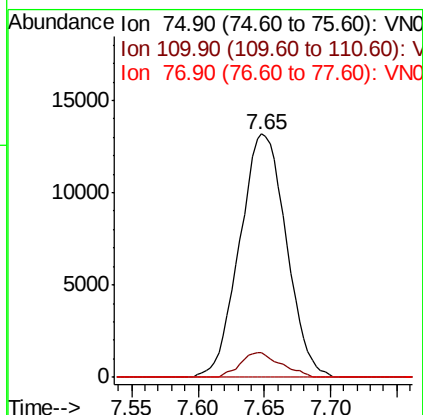
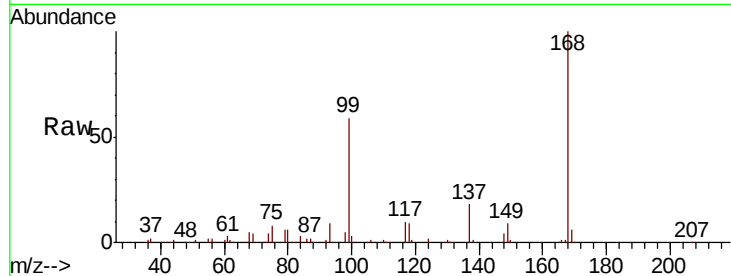




#36  
 1,1-Dichloropropene  
 Concen: 4.927 ug/l  
 RT: 7.65 min Scan# 1827  
 Delta R.T. -0.13 min  
 Lab File: VN058765.D  
 Acq: 14 Oct 2019 21:20

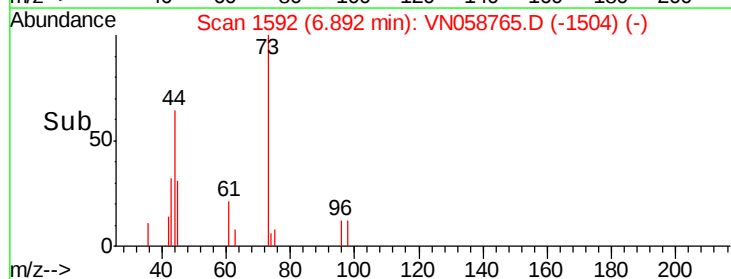
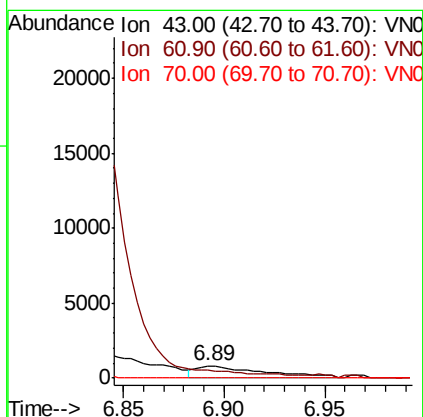
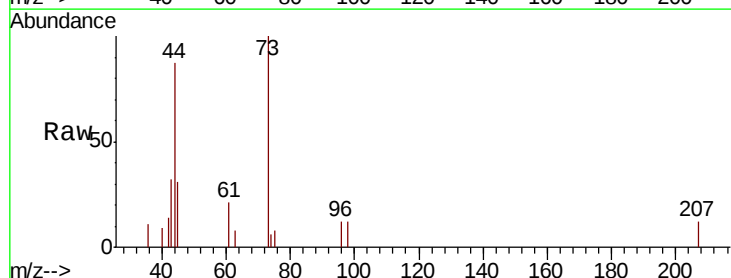
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 AMENDED-COMPOSITE-CRE

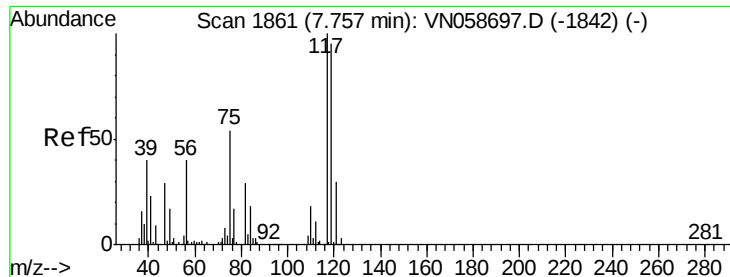
Tot Ion: 75 Resp: 32246  
 Ion Ratio Lower Upper  
 75 100  
 110 8.9 16.6 49.8#  
 77 0.0 24.6 37.0#



#37  
 Ethyl Acetate  
 Concen: 0.288 ug/l  
 RT: 6.89 min Scan# 1592  
 Delta R.T. -0.02 min  
 Lab File: VN058765.D  
 Acq: 14 Oct 2019 21:20

Tgt Ion: 43 Resp: 1907  
 Ion Ratio Lower Upper  
 43 100  
 61 0.0 11.3 16.9#  
 70 0.0 7.2 10.8#





#38

Carbon Tetrachloride

Concen: 6.026 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058765.D

Acq: 14 Oct 2019 21:20

Instrument :

MSVOA\_N

ClientSampleId :

AMENDED-COMPOSITE-CRE

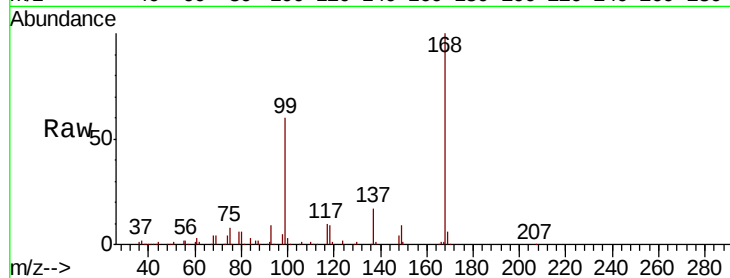
Tot Ion:117 Resp: 38434

Ion Ratio Lower Upper

117 100

119 5.4 75.7 113.5#

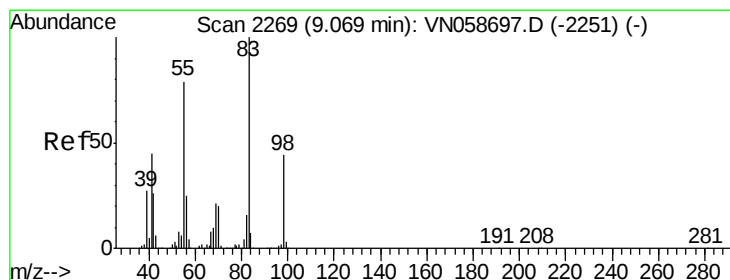
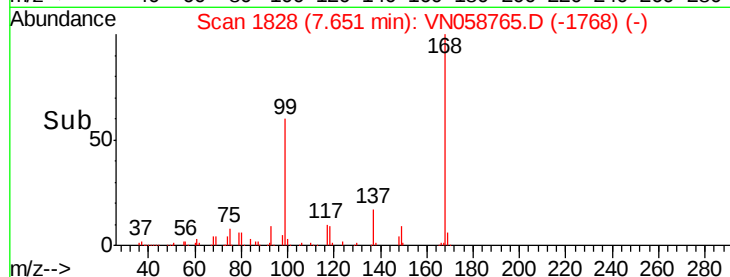
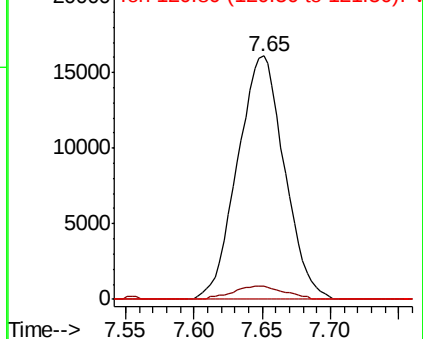
121 0.0 23.9 35.9#



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



#39

Methylcyclohexane

Concen: 0.548 ug/l

RT: 9.07 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VN058765.D

Acq: 14 Oct 2019 21:20

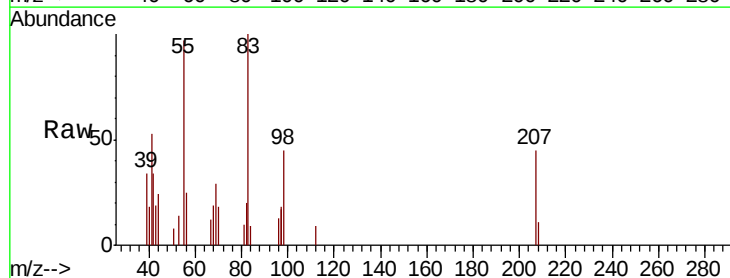
Tgt Ion: 83 Resp: 4165

Ion Ratio Lower Upper

83 100

55 97.4 63.4 95.0#

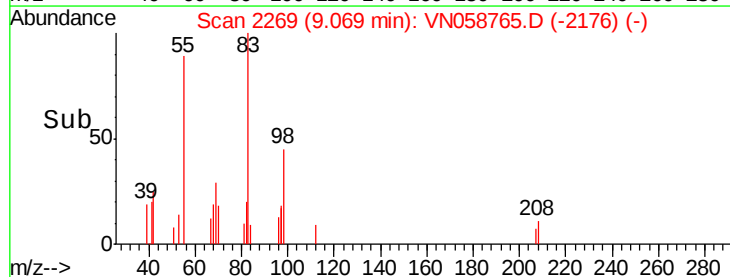
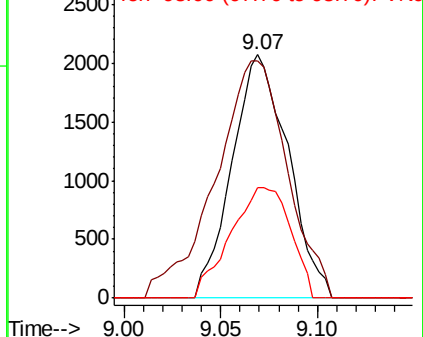
98 45.2 35.1 52.7

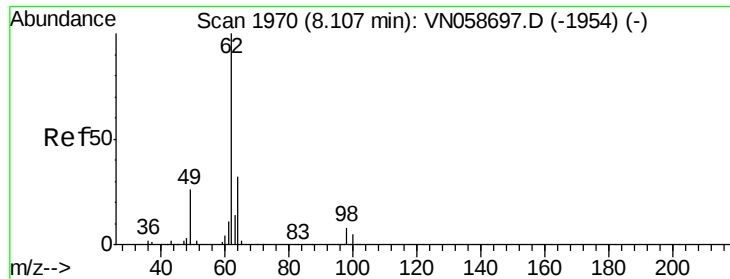


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V

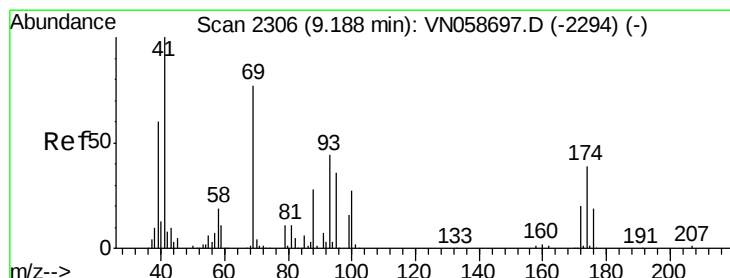
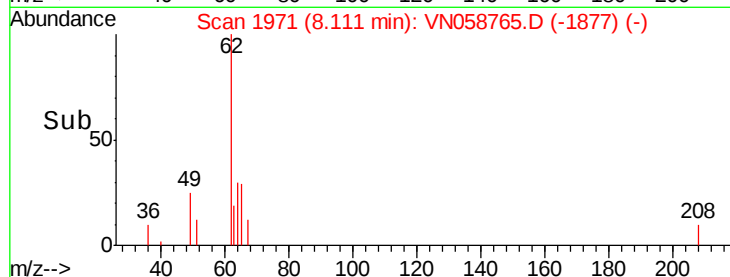
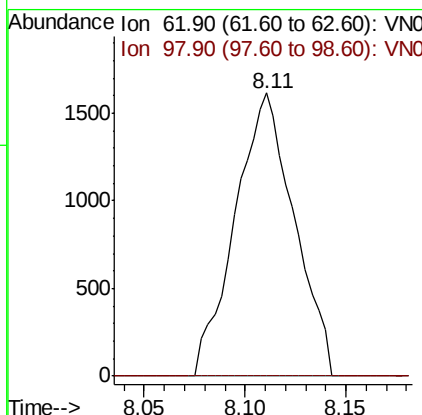
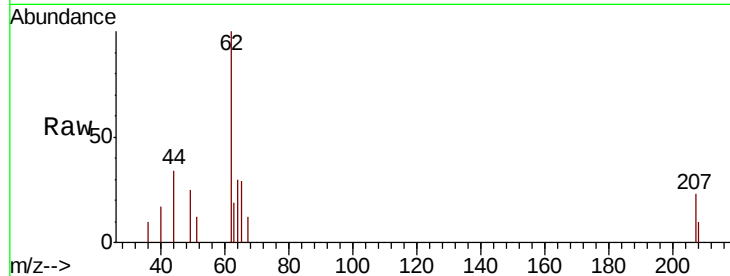




#42  
 1,2-Dichloroethane  
 Concen: 0.456 ug/l  
 RT: 8.11 min Scan# 1971  
 Delta R.T. 0.00 min  
 Lab File: VN058765.D  
 Acq: 14 Oct 2019 21:20

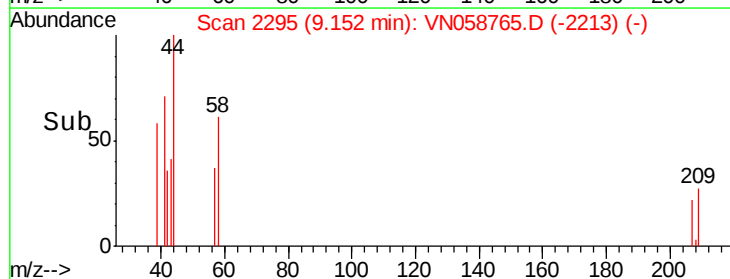
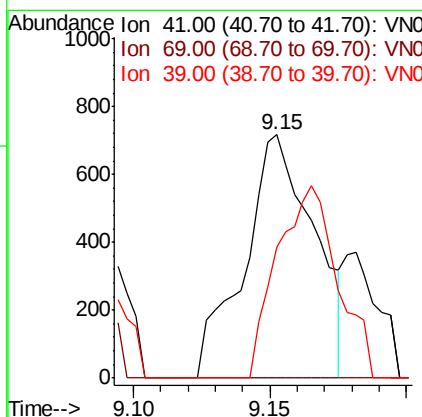
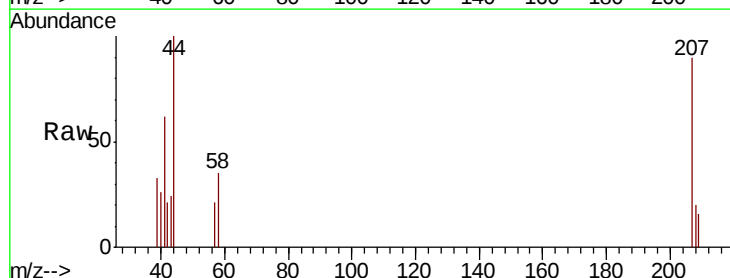
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 AMENDED-COMPOSITE-CRE

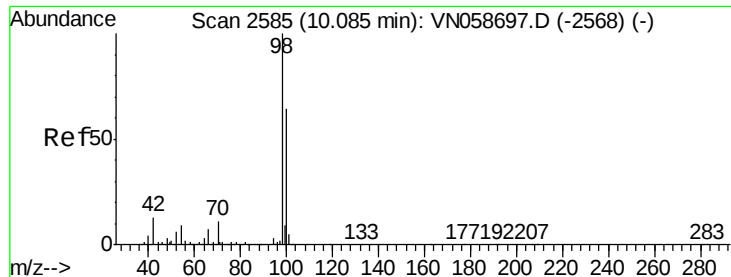
Tot Ion: 62 Resp: 3296  
 Ion Ratio Lower Upper  
 62 100  
 98 0.0 0.0 15.8



#48  
 Methyl methacrylate  
 Concen: 0.249 ug/l  
 RT: 9.15 min Scan# 2295  
 Delta R.T. -0.04 min  
 Lab File: VN058765.D  
 Acq: 14 Oct 2019 21:20

Tgt Ion: 41 Resp: 1271  
 Ion Ratio Lower Upper  
 41 100  
 69 0.0 63.4 95.2#  
 39 68.2 48.9 73.3





#50

Toluene-d8

Concen: 49.828 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058765.D

Acq: 14 Oct 2019 21:20

Instrument :

MSVOA\_N

ClientSampleId :

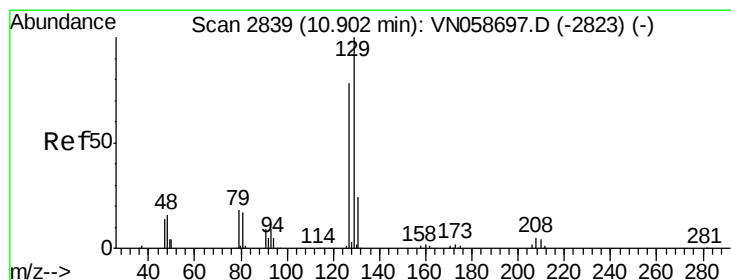
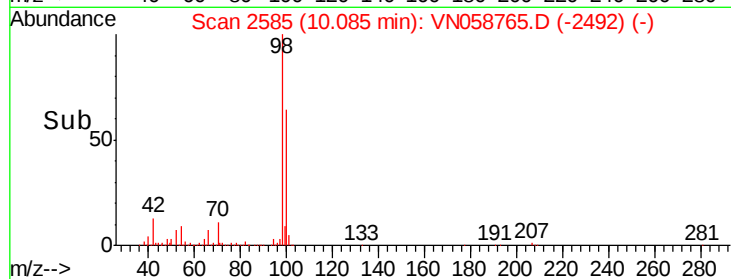
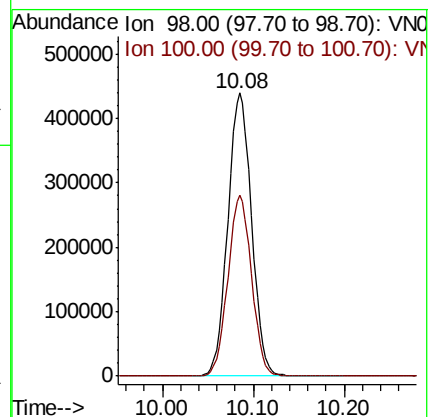
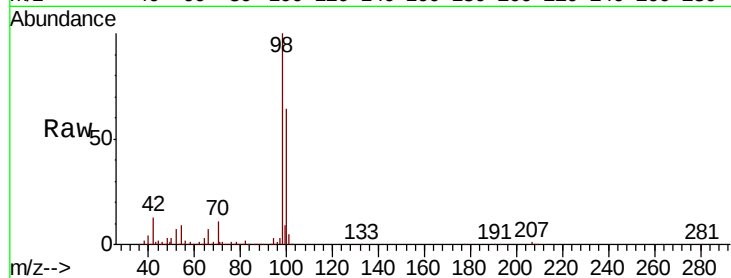
AMENDED-COMPOSITE-CRE

Tot Ion: 98 Resp: 796655

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7



#60

Dibromochloromethane

Concen: 0.312 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. -0.28 min

Lab File: VN058765.D

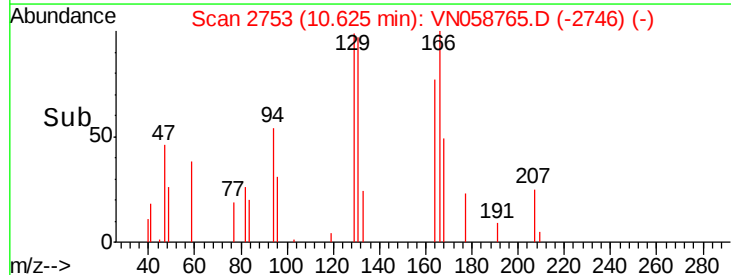
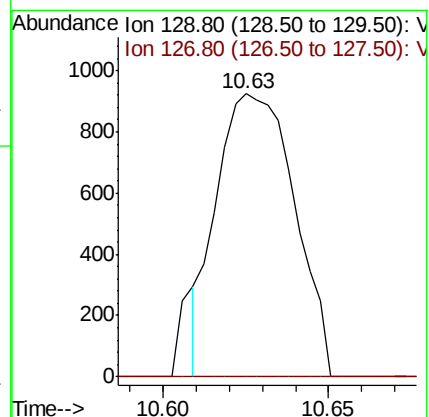
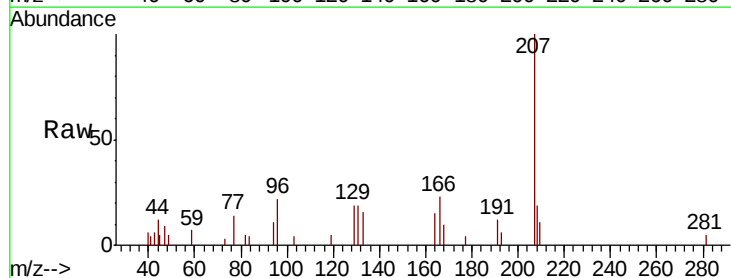
Acq: 14 Oct 2019 21:20

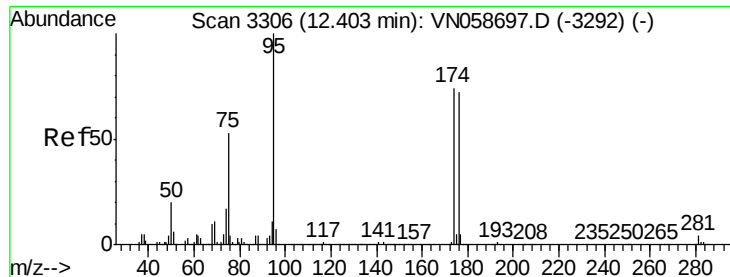
Tgt Ion: 129 Resp: 1513

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#

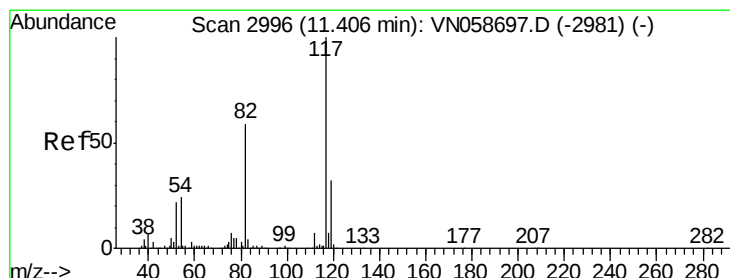
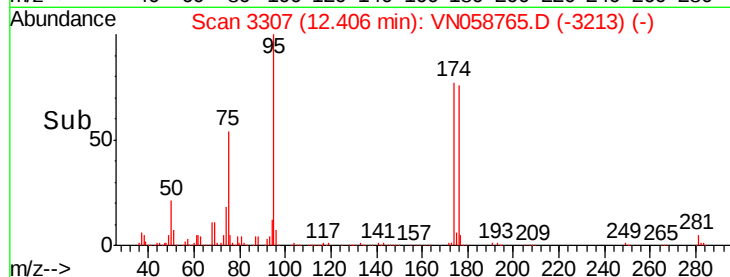
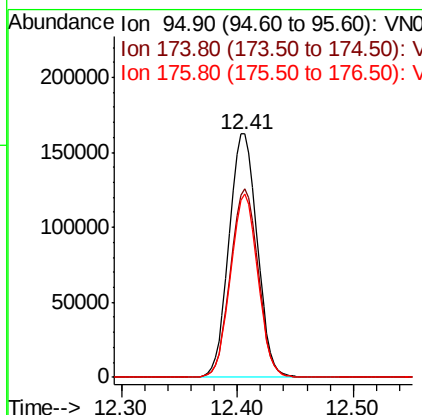
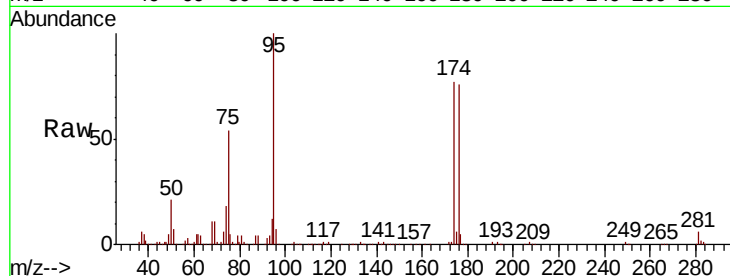




#62  
4-Bromofluorobenzene  
Concen: 44.981 ug/l  
RT: 12.41 min Scan# 3307  
Delta R.T. 0.00 min  
Lab File: VN058765.D  
Acq: 14 Oct 2019 21:20

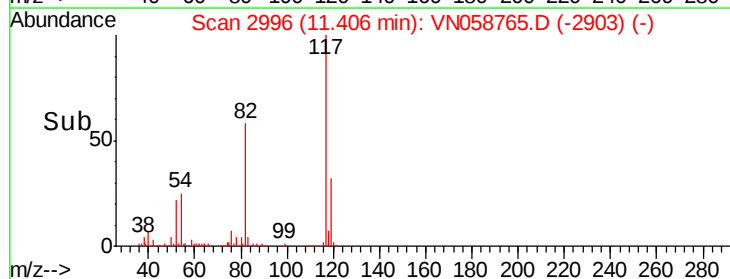
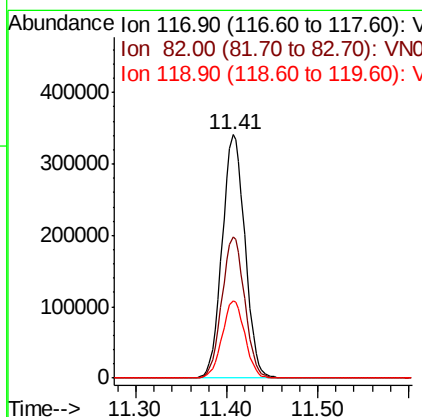
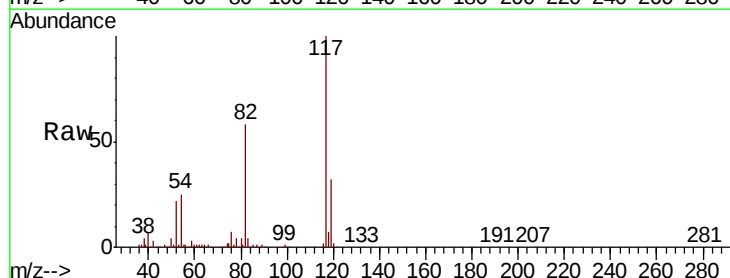
Instrument :  
MSVOA\_N  
ClientSampleId :  
AMENDED-COMPOSITE-CRE

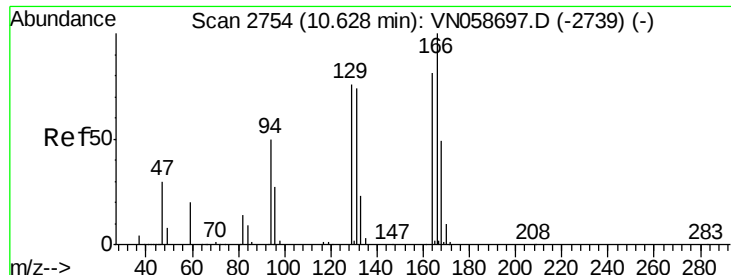
Tot Ion: 95 Resp: 272219  
Ion Ratio Lower Upper  
95 100  
174 76.5 0.0 150.4  
176 73.1 0.0 146.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN058765.D  
Acq: 14 Oct 2019 21:20

Tgt Ion: 117 Resp: 593549  
Ion Ratio Lower Upper  
117 100  
82 57.9 47.0 70.4  
119 31.6 25.4 38.2





#64

Tetrachloroethene

Concen: 0.359 ug/l

RT: 10.63 min Scan# 2756

Delta R.T. 0.01 min

Lab File: VN058765.D

Acq: 14 Oct 2019 21:20

Instrument :

MSVOA\_N

ClientSampleId :

AMENDED-COMPOSITE-CRE

Tot Ion:164 Resp: 1493

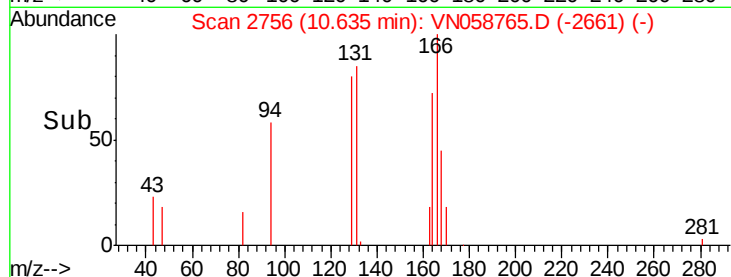
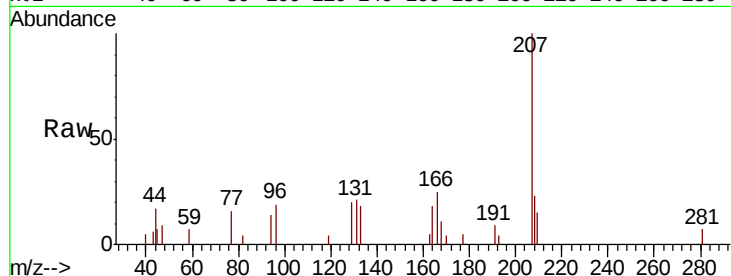
Ion Ratio Lower Upper

164 100

166 138.7 99.3 148.9

129 111.0 75.2 112.8

131 117.4 73.0 109.4#

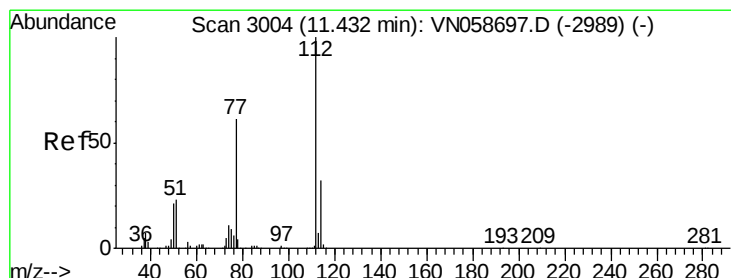
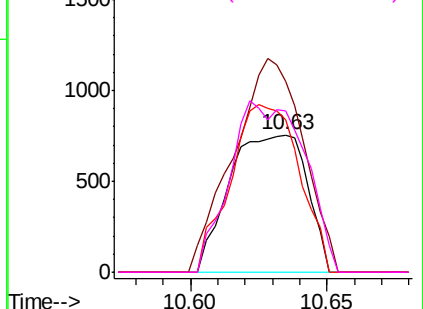


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.374 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN058765.D

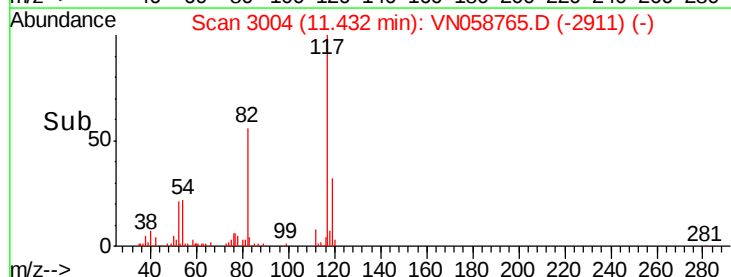
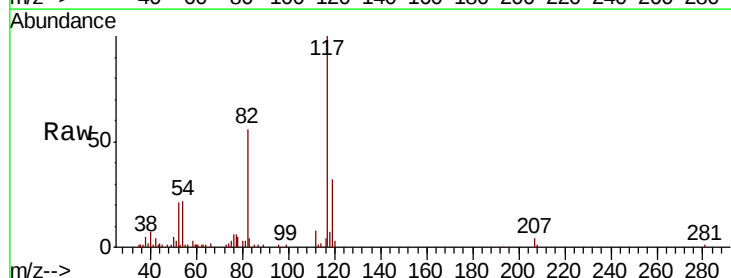
Acq: 14 Oct 2019 21:20

Tgt Ion:112 Resp: 4506

Ion Ratio Lower Upper

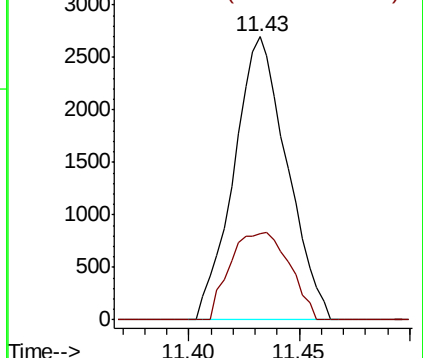
112 100

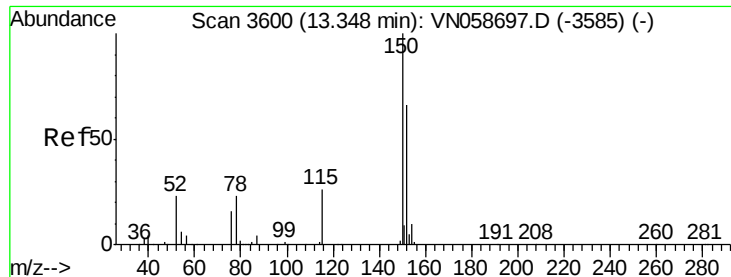
114 30.5 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VN058765.D

Acq: 14 Oct 2019 21:20

Instrument :

MSVOA\_N

ClientSampleId :

AMENDED-COMPOSITE-CRE

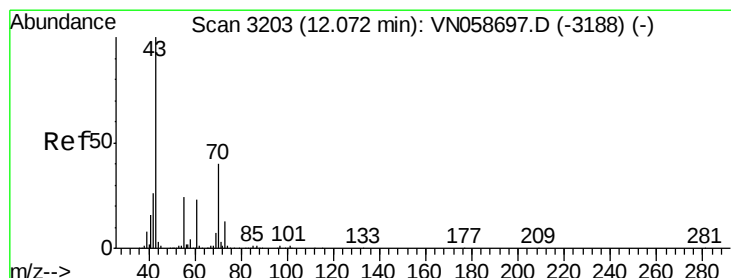
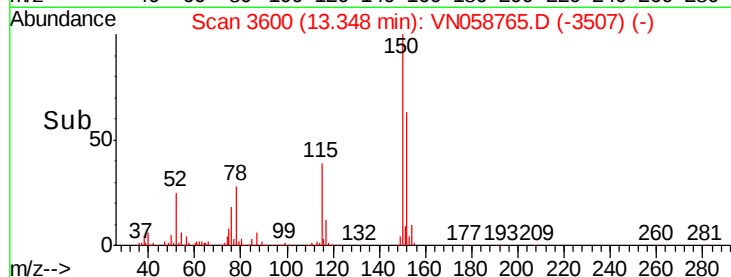
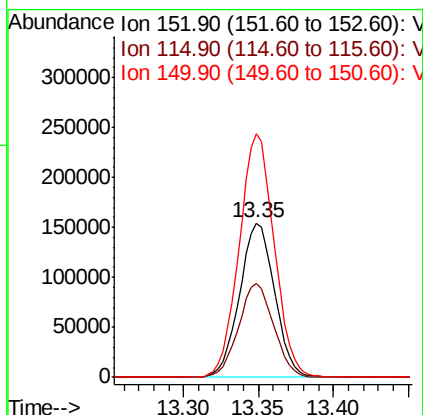
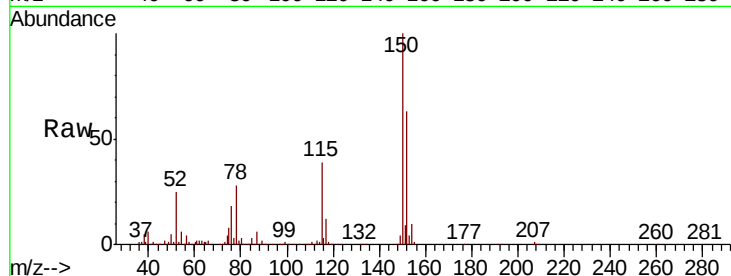
Tot Ion:152 Resp: 251582

Ion Ratio Lower Upper

152 100

115 61.1 30.4 91.2

150 158.0 0.0 345.4



#74

N-ethyl acetate

Concen: 0.313 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN058765.D

Acq: 14 Oct 2019 21:20

Tgt Ion: 43 Resp: 2562

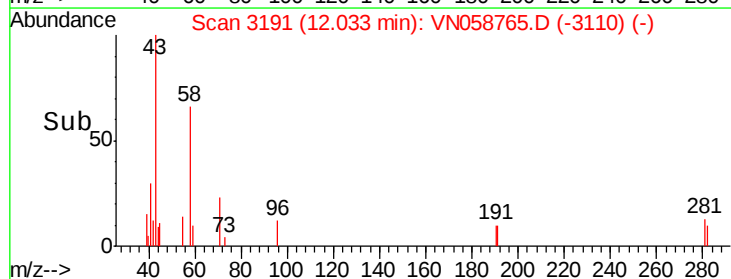
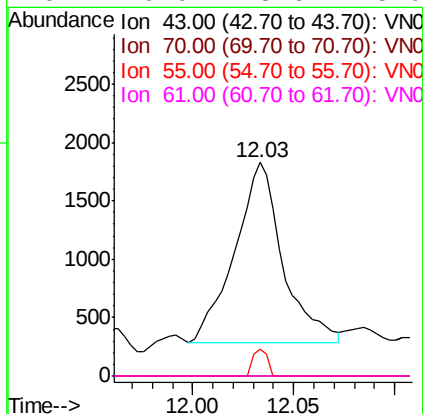
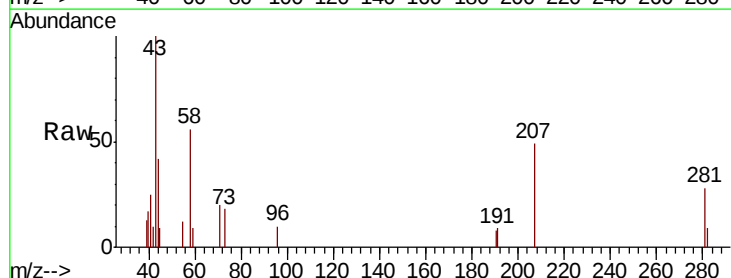
Ion Ratio Lower Upper

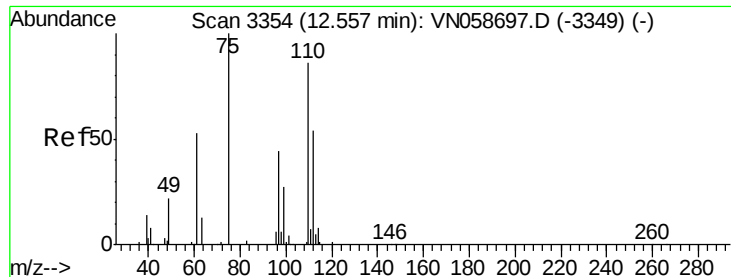
43 100

70 0.0 32.2 48.4#

55 4.4 19.6 29.4#

61 0.0 18.6 28.0#





#76

1,2,3-Trichloropropane

Concen: 26.433 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058765.D

Acq: 14 Oct 2019 21:20

Instrument :

MSVOA\_N

ClientSampleId :

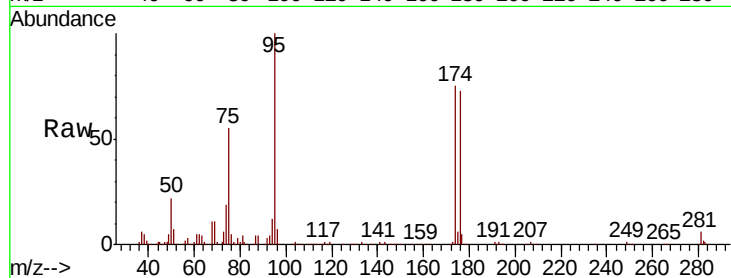
AMENDED-COMPOSITE-CRE

Tot Ion: 75 Resp: 145889

Ion Ratio Lower Upper

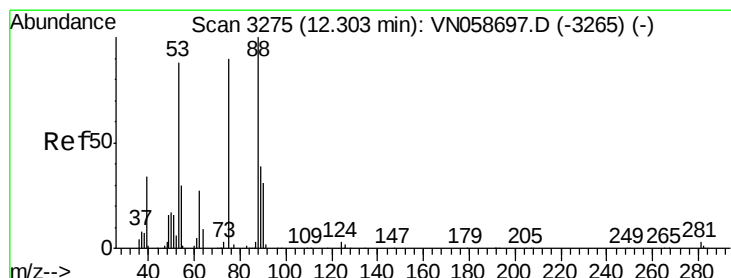
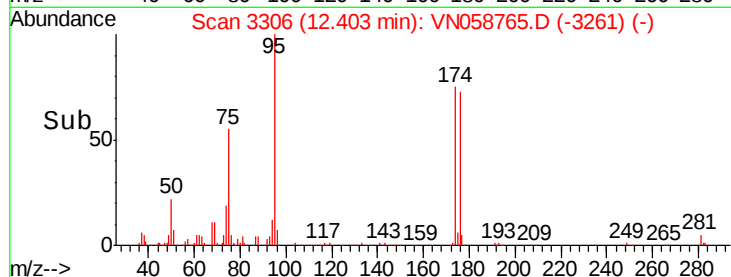
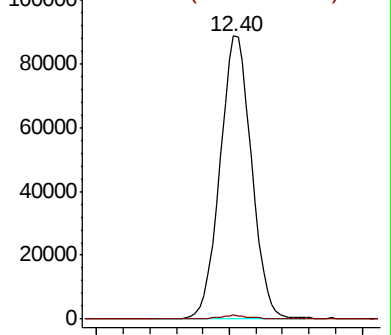
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 70.807 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058765.D

Acq: 14 Oct 2019 21:20

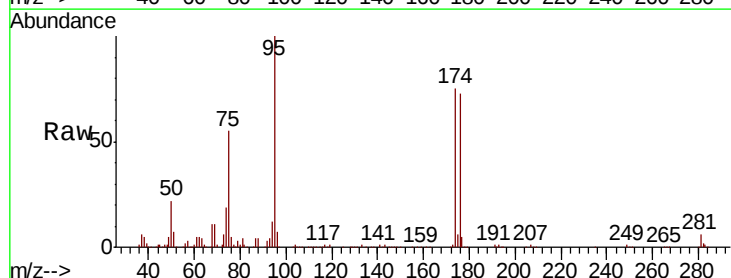
Tgt Ion: 75 Resp: 145889

Ion Ratio Lower Upper

75 100

53 0.0 78.4 117.6#

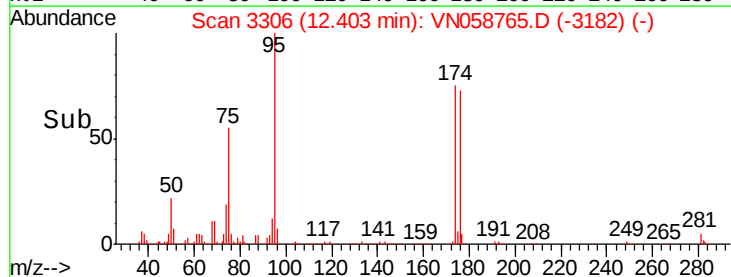
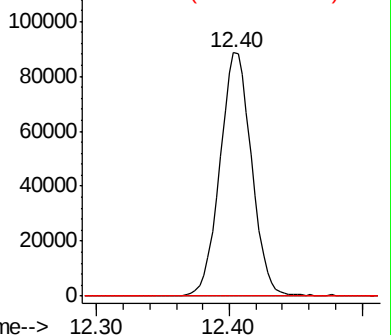
89 0.0 34.9 52.3#

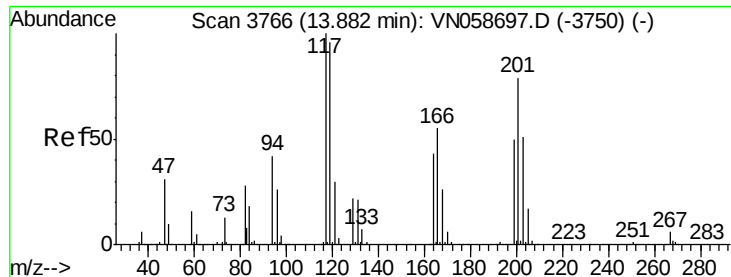


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#90

Hexachloroethane

Concen: 0.958 ug/l

RT: 14.00 min Scan# 3803

Delta R.T. 0.12 min

Lab File: VN058765.D

Acq: 14 Oct 2019 21:20

Instrument :

MSVOA\_N

ClientSampleId :

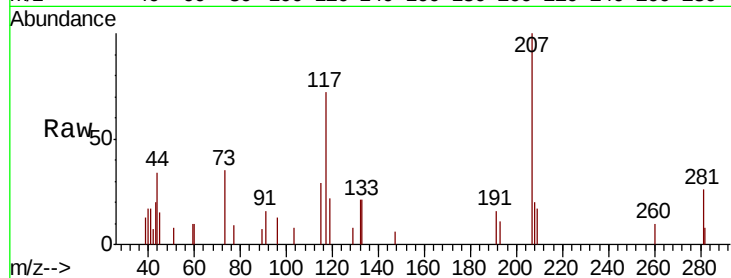
AMENDED-COMPOSITE-CRE

Tot Ion:117 Resp: 2735

Ion Ratio Lower Upper

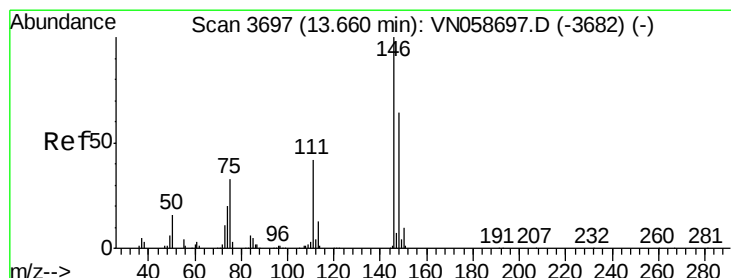
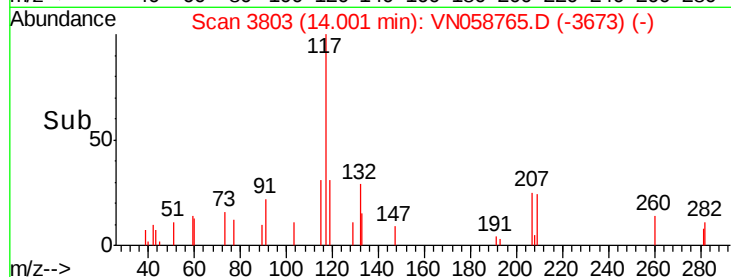
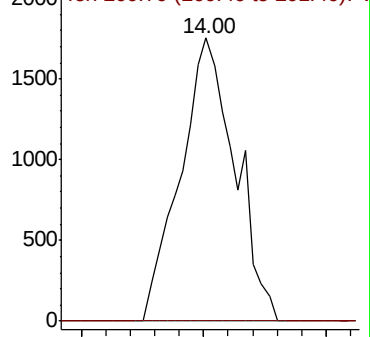
117 100

201 0.0 39.6 118.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.343 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. -0.00 min

Lab File: VN058765.D

Acq: 14 Oct 2019 21:20

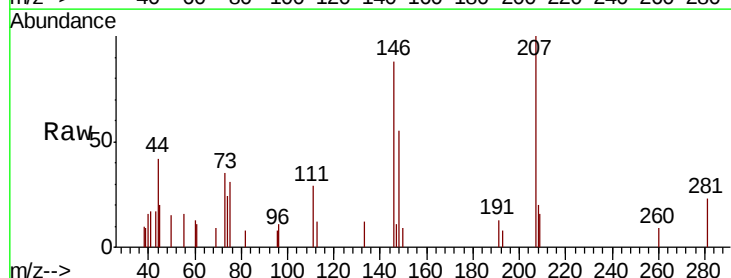
Tgt Ion:146 Resp: 2736

Ion Ratio Lower Upper

146 100

111 38.6 21.1 63.4

148 66.2 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

