

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN081219\  
 Data File : VN057222.D  
 Acq On : 12 Aug 2019 18:03  
 Operator : JC/SP  
 Sample : K4229-21  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 2S-C1-(0)

Quant Time: Aug 13 01:46:57 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N080719W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 08 06:49:25 2019  
 Response via : Initial Calibration

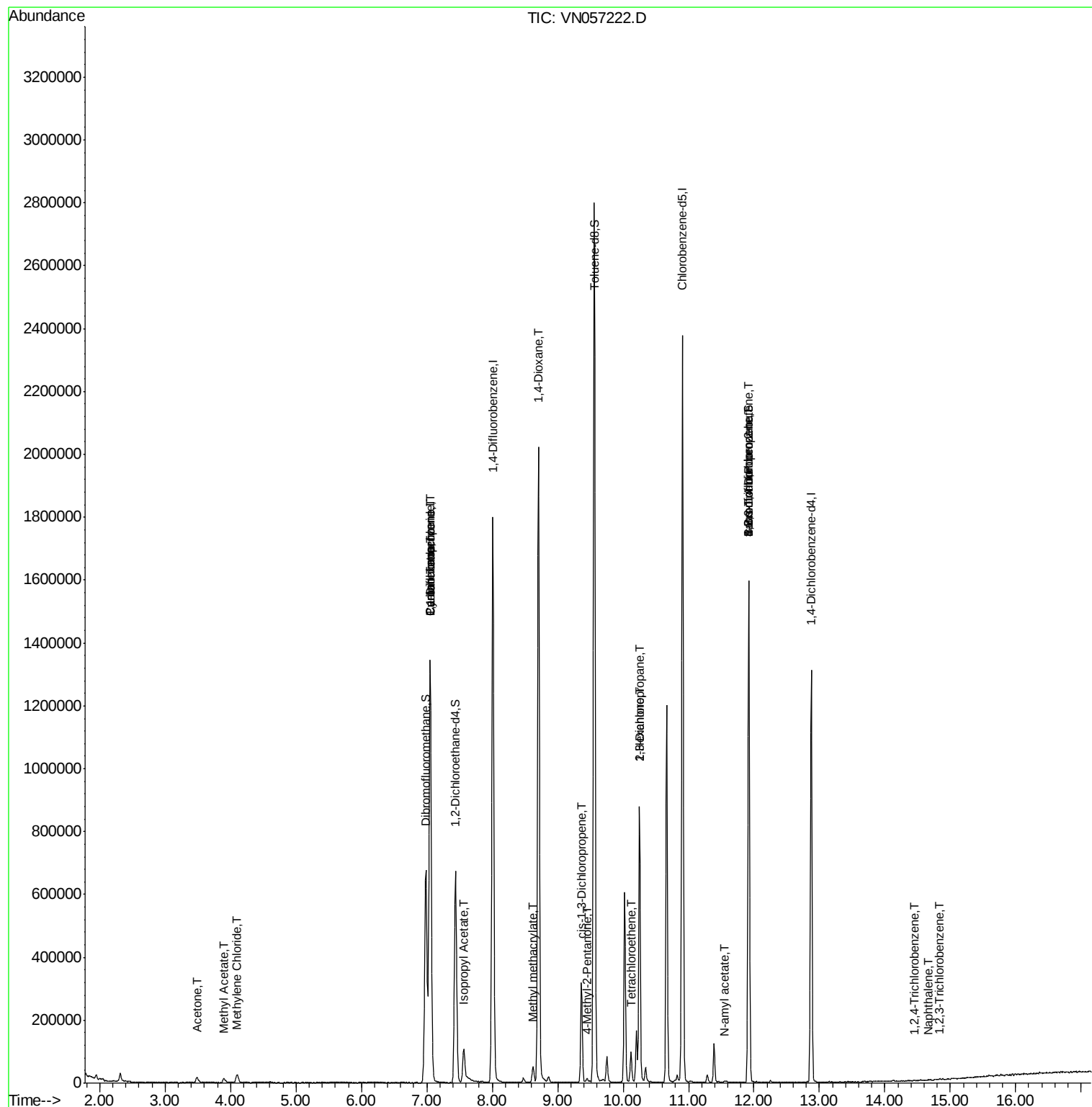
| Internal Standards             | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|--------------------------------|--------|------|----------|-----------|--------|----------|
| 1) Pentafluorobenzene          | 7.05   | 168  | 1290440  | 50.00     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene        | 8.01   | 114  | 1787583  | 50.00     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5           | 10.91  | 117  | 1508174  | 50.00     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 12.88  | 152  | 388604   | 50.00     | ug/l   | 0.00     |
| System Monitoring Compounds    |        |      |          |           |        |          |
| 33) 1,2-Dichloroethane-d4      | 7.44   | 65   | 600046   | 45.21     | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 90.42% |          |
| 35) Dibromofluoromethane       | 6.99   | 113  | 546838   | 48.75     | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 97.50% |          |
| 50) Toluene-d8                 | 9.56   | 98   | 2091670  | 48.74     | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 97.48% |          |
| 62) 4-Bromofluorobenzene       | 11.92  | 95   | 552082   | 39.93     | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 79.86% |          |
| Target Compounds               |        |      |          |           |        |          |
|                                |        |      |          |           | Qvalue |          |
| 16) Acetone                    | 3.48   | 43   | 24222    | 6.044     | ug/l   | 91       |
| 18) Methyl Acetate             | 3.90   | 43   | 25654    | 1.511     | ug/l # | 82       |
| 20) Methylene Chloride         | 4.11   | 84   | 19435    | 1.469     | ug/l   | 90       |
| 31) Cyclohexane                | 7.05   | 56   | 18392    | 0.955     | ug/l # | 1        |
| 36) 1,1-Dichloropropene        | 7.05   | 75   | 78037    | 5.302     | ug/l # | 48       |
| 37) Ethyl Acetate              | 6.27   | 43   | 92       | Below Cal | #      | 70       |
| 38) Carbon Tetrachloride       | 7.05   | 117  | 108205   | 7.054     | ug/l # | 16       |
| 43) Isopropyl Acetate          | 7.56   | 43   | 135486   | 6.544     | ug/l # | 88       |
| 48) Methyl methacrylate        | 8.62   | 41   | 7314     | 0.749     | ug/l # | 10       |
| 49) 1,4-Dioxane                | 8.70   | 88   | 185      | 0.930     | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone       | 9.45   | 43   | 7606     | 0.631     | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 9.36   | 75   | 63720    | 3.551     | ug/l # | 61       |
| 57) 1,3-Dichloropropane        | 10.25  | 76   | 10612    | 0.566     | ug/l # | 42       |
| 59) 2-Hexanone                 | 10.25  | 43   | 122237   | 14.989    | ug/l # | 50       |
| 64) Tetrachloroethene          | 10.11  | 164  | 3096     | 0.247     | ug/l # | 81       |
| 71) Bromoform                  | 11.92  | 173  | 3897     | 0.469     | ug/l # | 1        |
| 73) Isopropylbenzene           | 11.77  | 105  | 395      | Below Cal |        | 76       |
| 74) N-amyl acetate             | 11.55  | 43   | 4503     | 0.457     | ug/l # | 41       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.91  | 83   | 242      | Below Cal | #      | 1        |
| 76) 1,2,3-Trichloropropane     | 11.92  | 75   | 256783   | 32.838    | ug/l # | 100      |
| 79) 2-Chlorotoluene            | 12.20  | 91   | 459      | Below Cal | #      | 39       |
| 81) trans-1,4-Dichloro-2-buten | 11.92  | 75   | 256783   | 97.158    | ug/l # | 14       |
| 83) tert-Butylbenzene          | 12.51  | 119  | 243      | Below Cal | #      | 44       |
| 93) 1,2,4-Trichlorobenzene     | 14.45  | 180  | 794      | 6.054     | ug/l   | 81       |
| 94) Hexachlorobutadiene        | 14.54  | 225  | 407      | Below Cal | #      | 19       |
| 95) Naphthalene                | 14.67  | 128  | 1460     | 2.948     | ug/l # | 69       |
| 96) 1,2,3-Trichlorobenzene     | 14.84  | 180  | 840      | 5.849     | ug/l # | 80       |

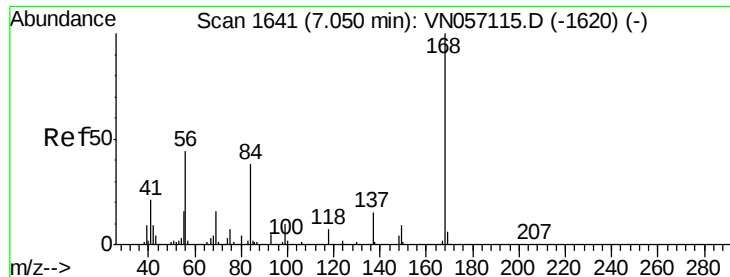
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_N\DATA\VN081219\  
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Quant Title : SW846 8260  
QLast Update : Thu Aug 08 06:49:25 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057222.D

Acq: 12 Aug 2019 18:03

Instrument :

MSVOA\_N

ClientSampleId :

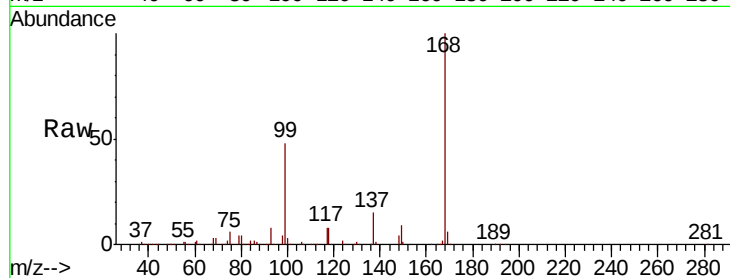
2S-C1-(0)

Tgt Ion:168 Resp: 1290440

Ion Ratio Lower Upper

168 100

99 47.7 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057115.D (-1620) (-)

Ion 98.90 (98.60 to 99.60): VN057115.D (-1620) (-)

7.05

600000

500000

400000

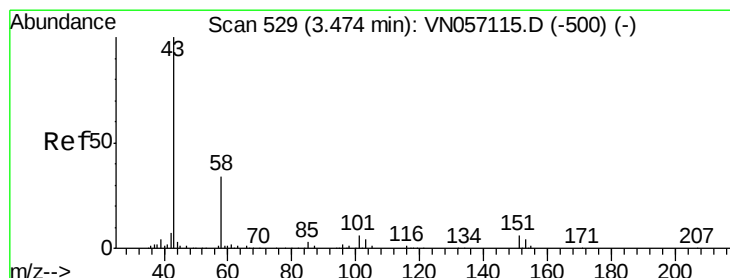
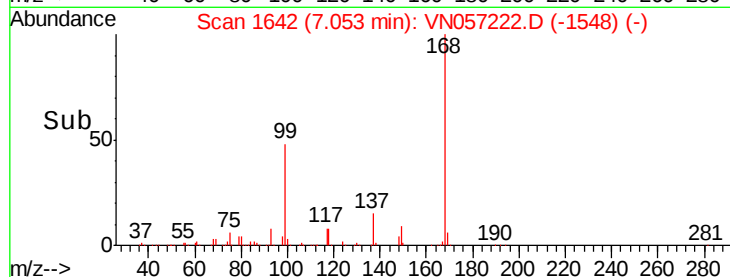
300000

200000

100000

0

Time--> 6.90 7.00 7.10



#16

Acetone

Concen: 6.044 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057222.D

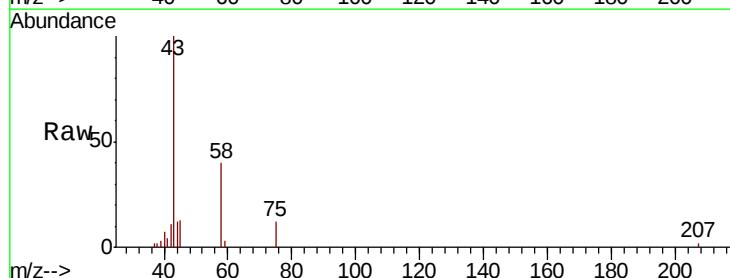
Acq: 12 Aug 2019 18:03

Tgt Ion: 43 Resp: 24222

Ion Ratio Lower Upper

43 100

58 39.7 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-500) (-)

Ion 58.00 (57.70 to 58.70): VN057115.D (-500) (-)

3.48

10000

8000

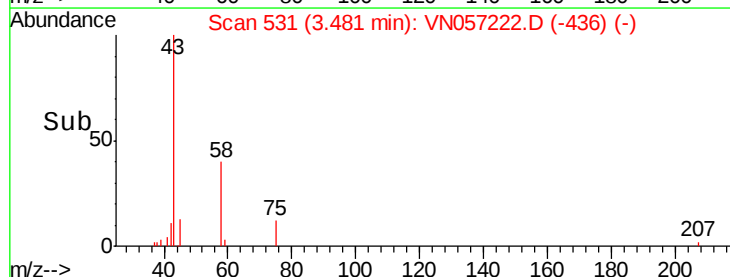
6000

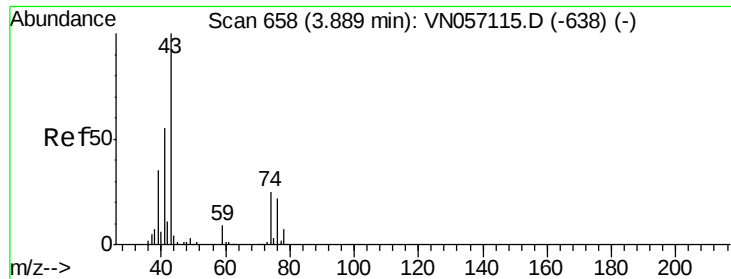
4000

2000

0

Time--> 3.40 3.45 3.50 3.55 3.60

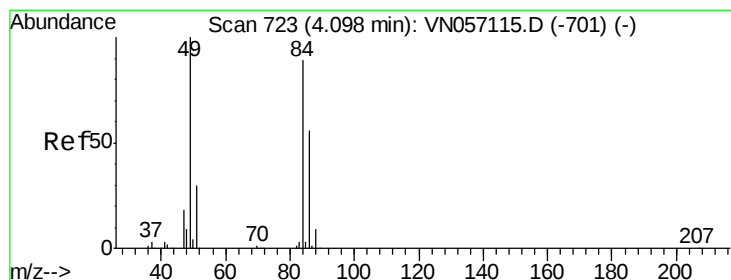
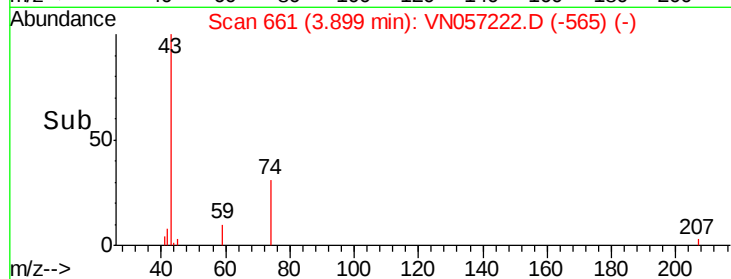
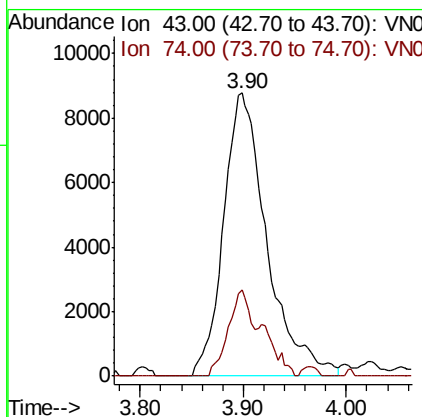
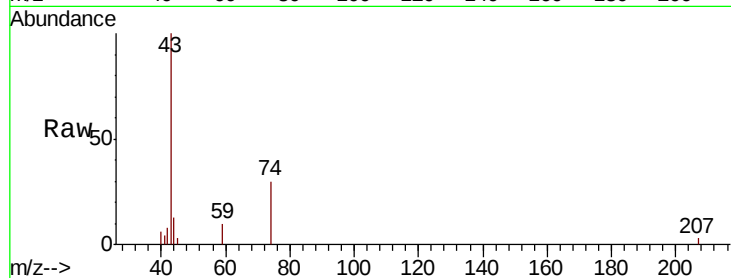




#18  
Methyl Acetate  
Concen: 1.511 ug/l  
RT: 3.90 min Scan# 661  
Delta R.T. 0.01 min  
Lab File: VN057222.D  
Acq: 12 Aug 2019 18:03

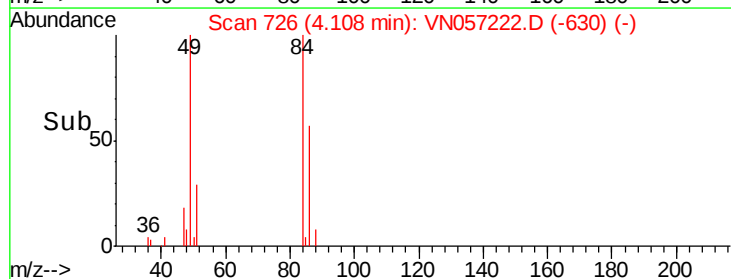
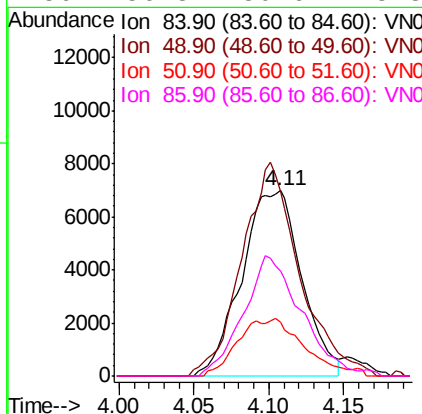
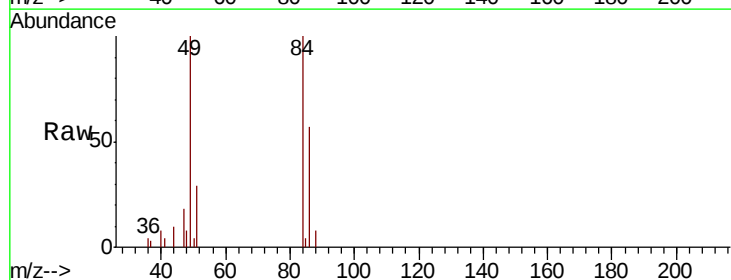
Instrument :  
MSVOA\_N  
ClientSampleId :  
2S-C1-(0)

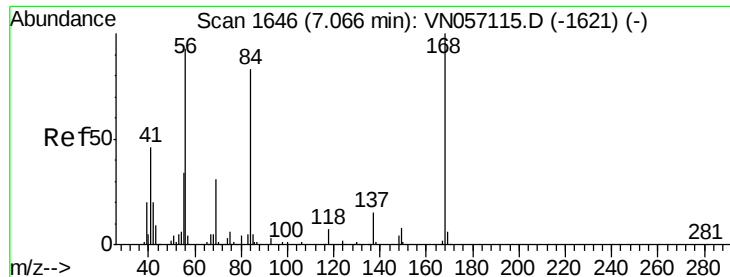
Tgt Ion: 43 Resp: 25654  
Ion Ratio Lower Upper  
43 100  
74 16.1 20.2 30.4#



#20  
Methylene Chloride  
Concen: 1.469 ug/l  
RT: 4.11 min Scan# 726  
Delta R.T. 0.01 min  
Lab File: VN057222.D  
Acq: 12 Aug 2019 18:03

Tgt Ion: 84 Resp: 19435  
Ion Ratio Lower Upper  
84 100  
49 99.8 89.5 134.3  
51 29.4 27.2 40.8  
86 56.8 50.6 75.8

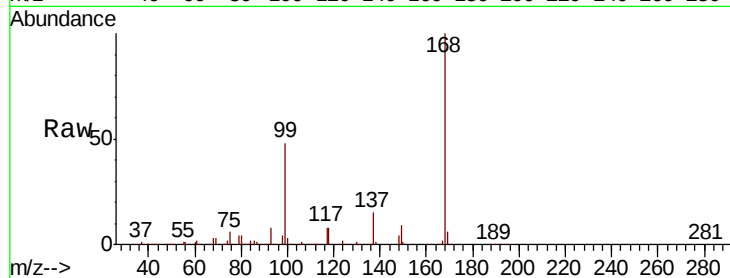




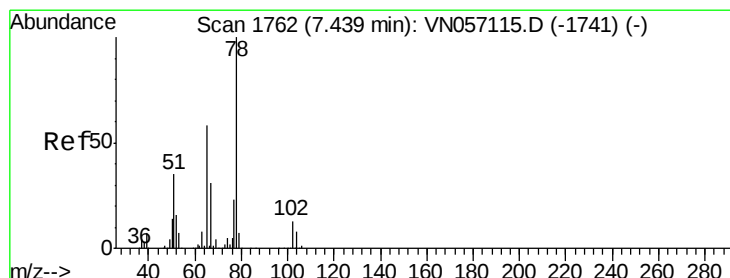
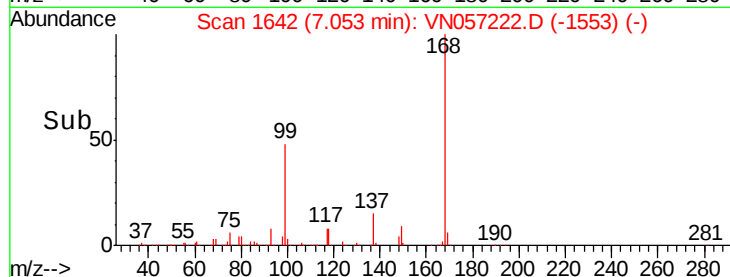
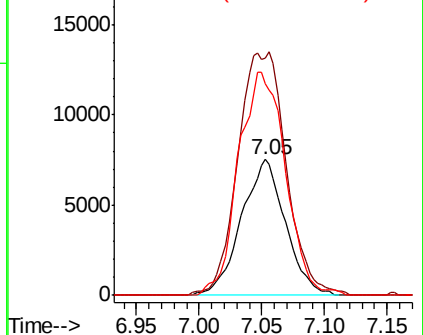
#31  
Cyclohexane  
Concen: 0.955 ug/l  
RT: 7.05 min Scan# 1642  
Delta R.T. -0.01 min  
Lab File: VN057222.D  
Acq: 12 Aug 2019 18:03

Instrument :  
MSVOA\_N  
ClientSampleId :  
2S-C1-(0)

Tgt Ion: 56 Resp: 18392  
Ion Ratio Lower Upper  
56 100  
69 175.0 26.9 40.3#  
84 156.1 71.9 107.9#

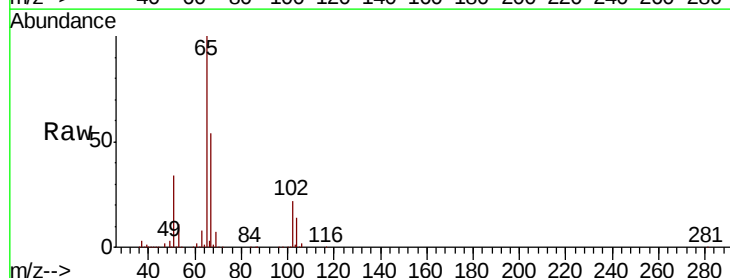


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

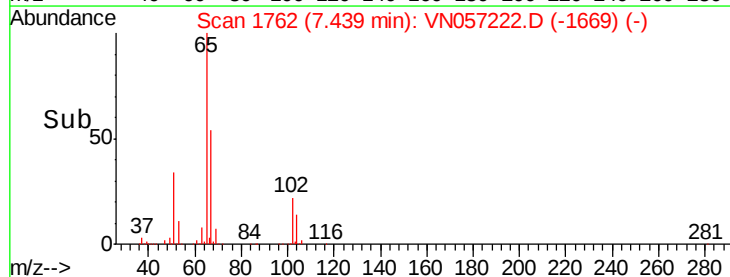
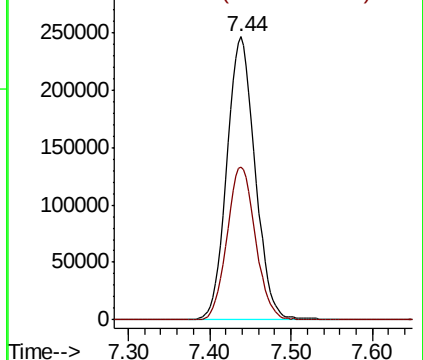


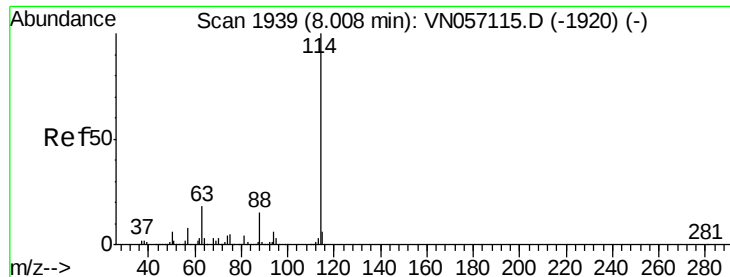
#33  
1,2-Dichloroethane-d4  
Concen: 45.214 ug/l  
RT: 7.44 min Scan# 1762  
Delta R.T. -0.00 min  
Lab File: VN057222.D  
Acq: 12 Aug 2019 18:03

Tgt Ion: 65 Resp: 600046  
Ion Ratio Lower Upper  
65 100  
67 54.1 0.0 108.2



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

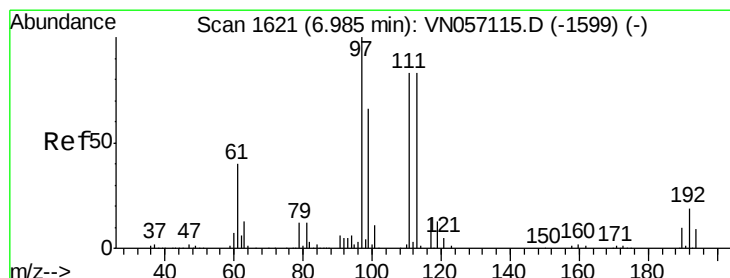
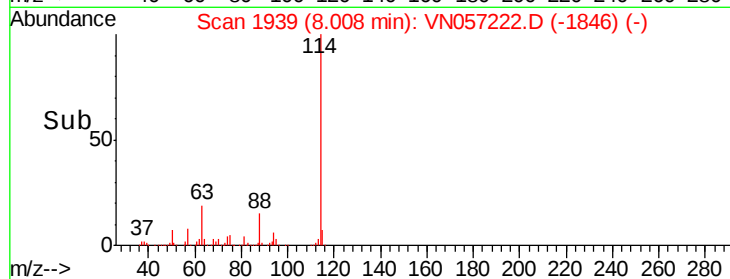
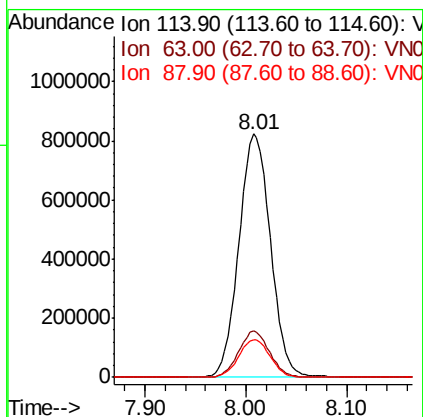
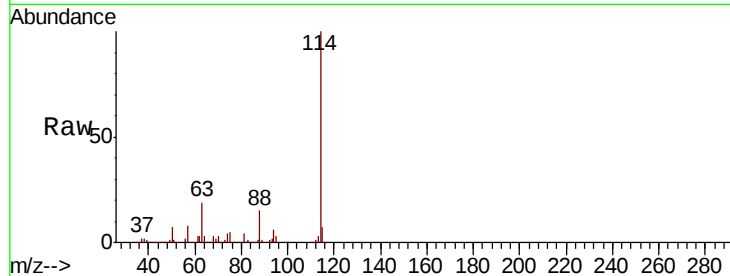




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.01 min Scan# 1939  
 Delta R.T. -0.00 min  
 Lab File: VN057222.D  
 Acq: 12 Aug 2019 18:03

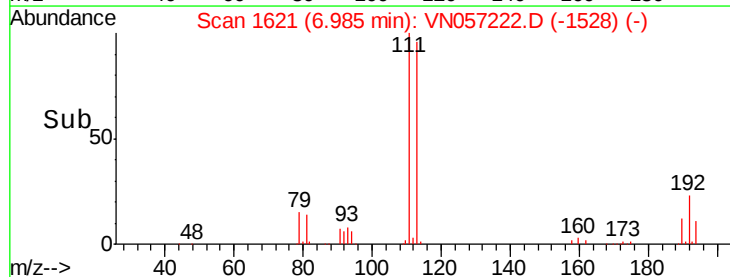
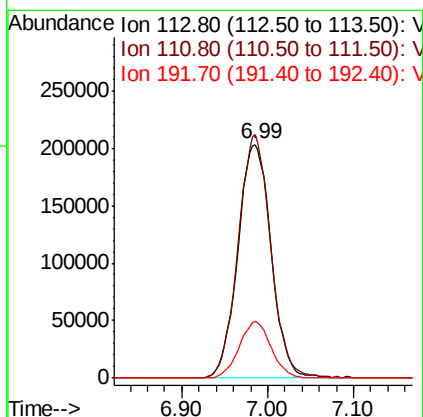
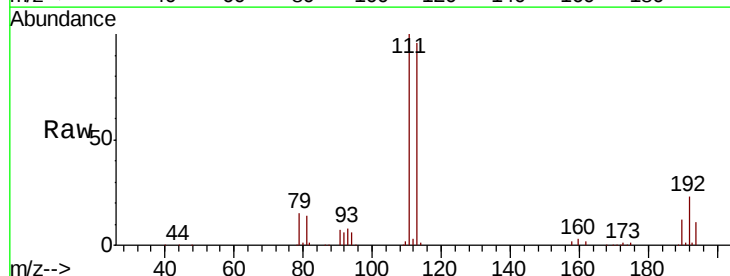
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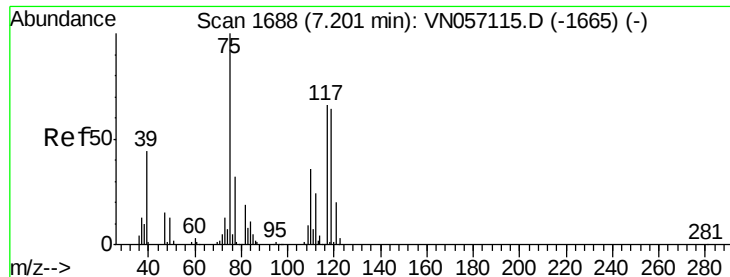
Tgt Ion:114 Resp: 1787583  
 Ion Ratio Lower Upper  
 114 100  
 63 18.9 0.0 36.2  
 88 15.4 0.0 30.0



#35  
 Dibromofluoromethane  
 Concen: 48.749 ug/l  
 RT: 6.99 min Scan# 1621  
 Delta R.T. -0.00 min  
 Lab File: VN057222.D  
 Acq: 12 Aug 2019 18:03

Tgt Ion:113 Resp: 546838  
 Ion Ratio Lower Upper  
 113 100  
 111 101.7 81.3 121.9  
 192 23.3 19.0 28.4

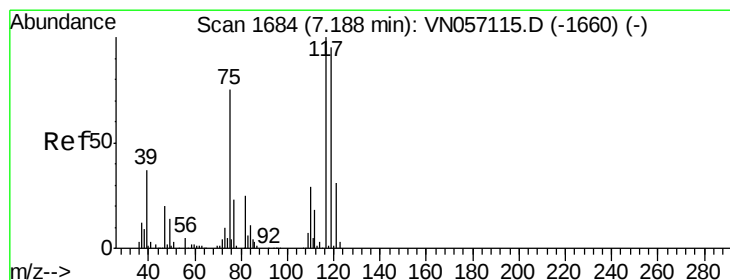
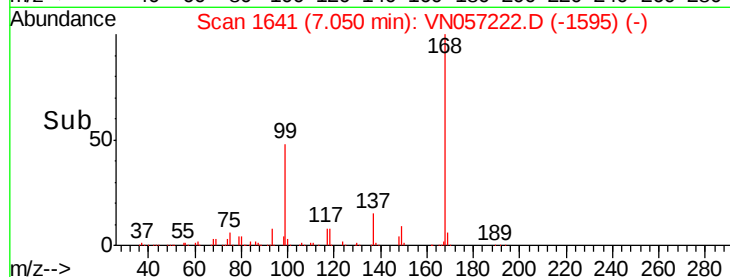
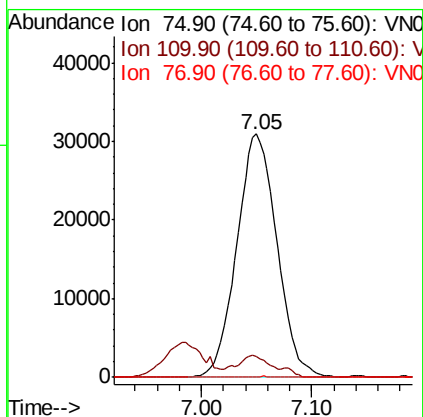
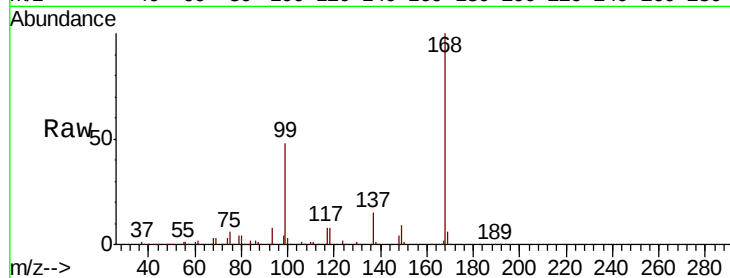




#36  
 1,1-Dichloropropene  
 Concen: 5.302 ug/l  
 RT: 7.05 min Scan# 1641  
 Delta R.T. -0.15 min  
 Lab File: VN057222.D  
 Acq: 12 Aug 2019 18:03

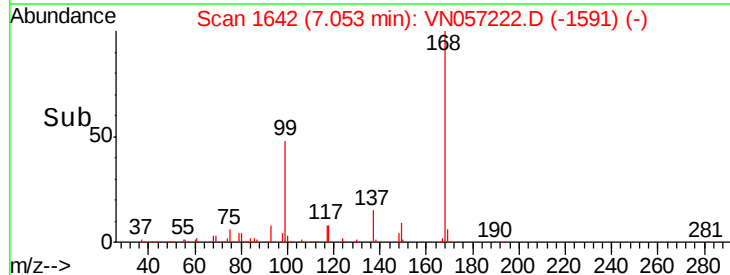
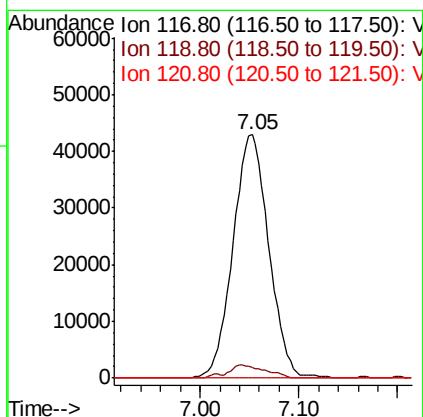
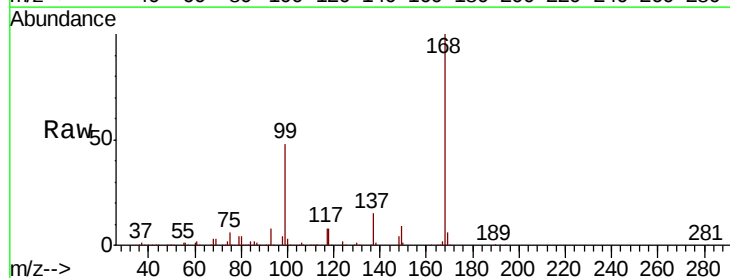
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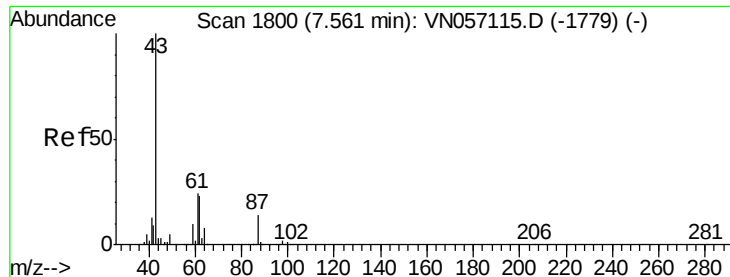
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 8.3   | 18.7  | 56.1# |
| 77      | 0.0   | 25.0  | 37.4# |



#38  
 Carbon Tetrachloride  
 Concen: 7.054 ug/l  
 RT: 7.05 min Scan# 1642  
 Delta R.T. -0.14 min  
 Lab File: VN057222.D  
 Acq: 12 Aug 2019 18:03

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 4.6   | 75.8  | 113.6# |
| 121     | 0.0   | 24.4  | 36.6#  |





#43

Isopropyl Acetate

Concen: 6.544 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN057222.D

Acq: 12 Aug 2019 18:03

Instrument :

MSVOA\_N

ClientSampleId :

2S-C1-(0)

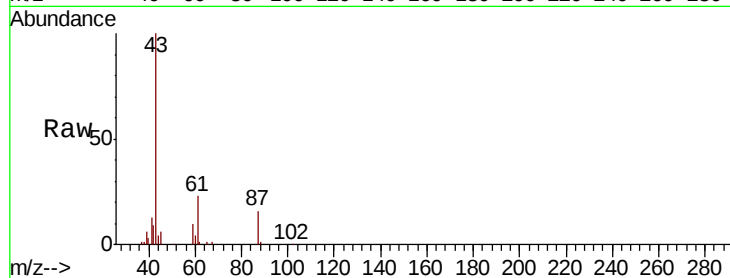
Tgt Ion: 43 Resp: 135486

Ion Ratio Lower Upper

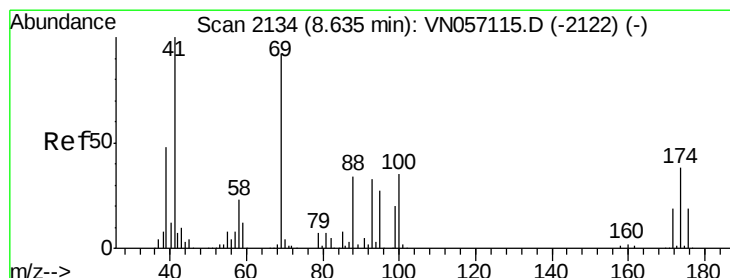
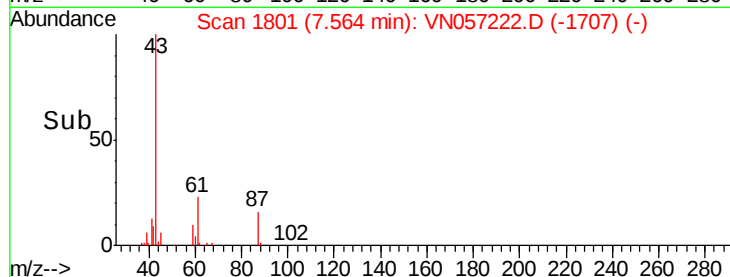
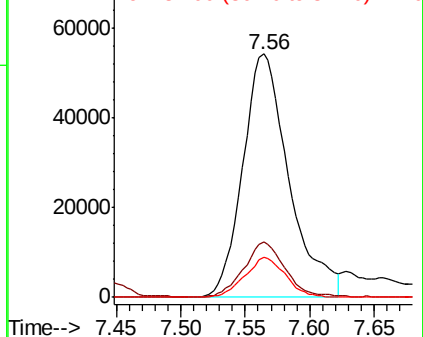
43 100

61 20.4 24.2 36.2#

87 14.3 11.8 17.8



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



#48

Methyl methacrylate

Concen: 0.749 ug/l

RT: 8.62 min Scan# 2128

Delta R.T. -0.02 min

Lab File: VN057222.D

Acq: 12 Aug 2019 18:03

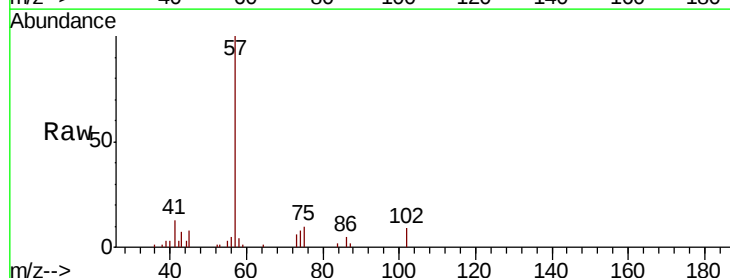
Tgt Ion: 41 Resp: 7314

Ion Ratio Lower Upper

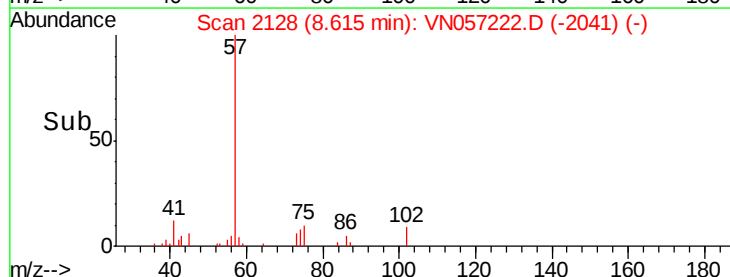
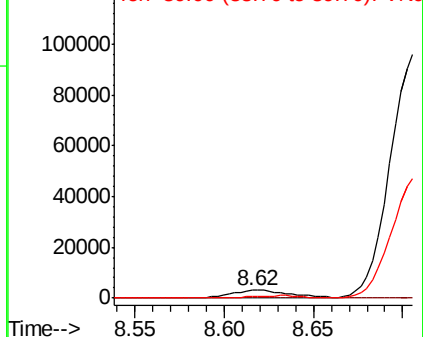
41 100

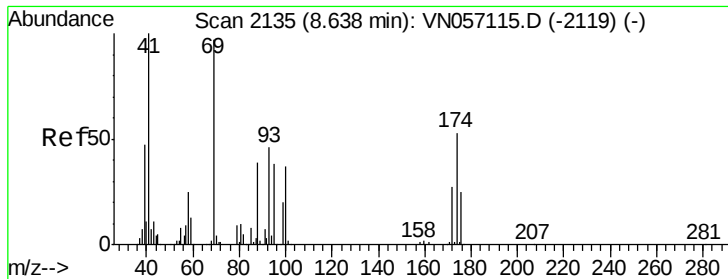
69 0.0 77.5 116.3#

39 0.0 39.8 59.6#



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





#49

1,4-Dioxane

Concen: 0.930 ug/l

RT: 8.70 min Scan# 2155

Delta R.T. 0.06 min

Lab File: VN057222.D

Acq: 12 Aug 2019 18:03

Instrument :

MSVOA\_N

ClientSampled :

2S-C1-(0)

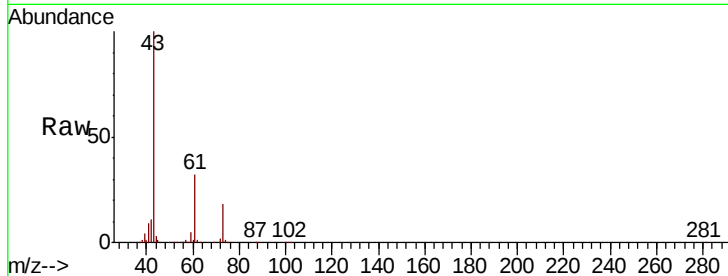
Tgt Ion: 88 Resp: 185

Ion Ratio Lower Upper

88 100

43 1086803.8 21.7 32.5#

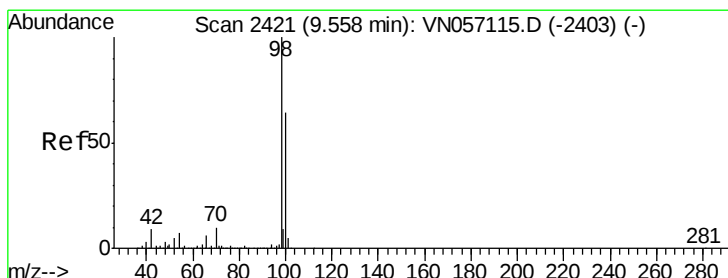
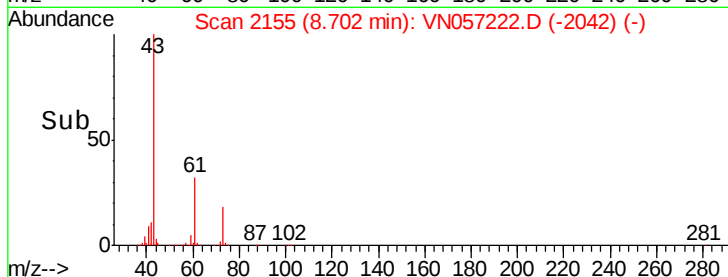
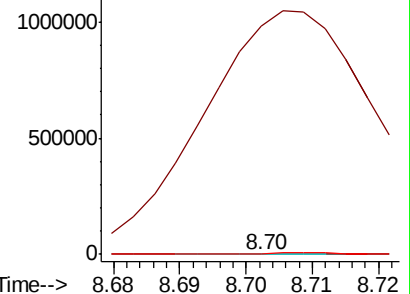
58 5302.7 51.1 76.7#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.739 ug/l

RT: 9.56 min Scan# 2422

Delta R.T. 0.00 min

Lab File: VN057222.D

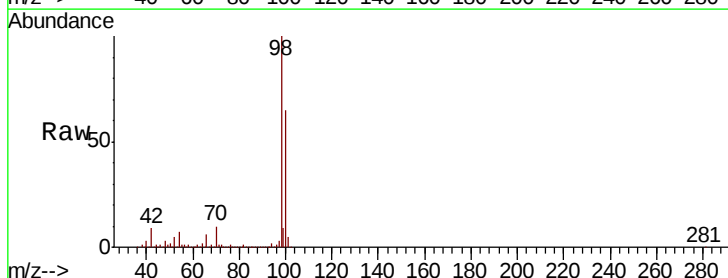
Acq: 12 Aug 2019 18:03

Tgt Ion: 98 Resp: 2091670

Ion Ratio Lower Upper

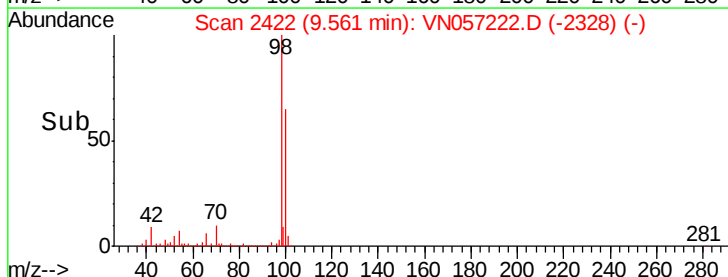
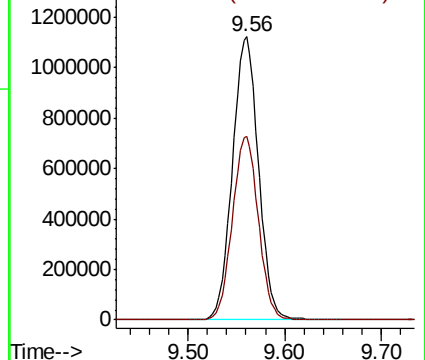
98 100

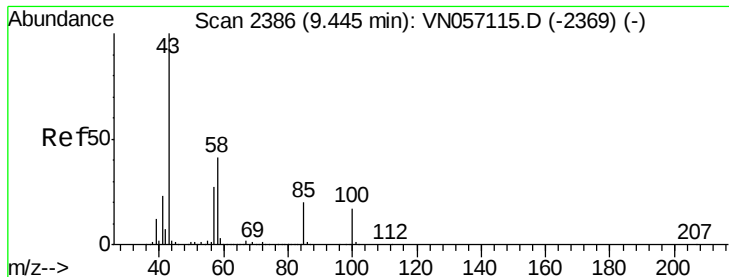
100 65.0 51.2 76.8



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: 0.631 ug/l

RT: 9.45 min Scan# 2386

Delta R.T. -0.00 min

Lab File: VN057222.D

Acq: 12 Aug 2019 18:03

Instrument :

MSVOA\_N

ClientSampleId :

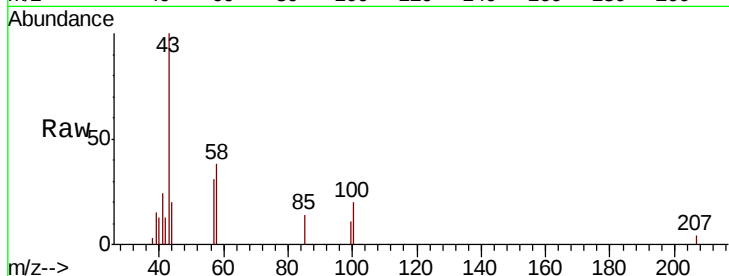
2S-C1-(0)

Tgt Ion: 43 Resp: 7606

Ion Ratio Lower Upper

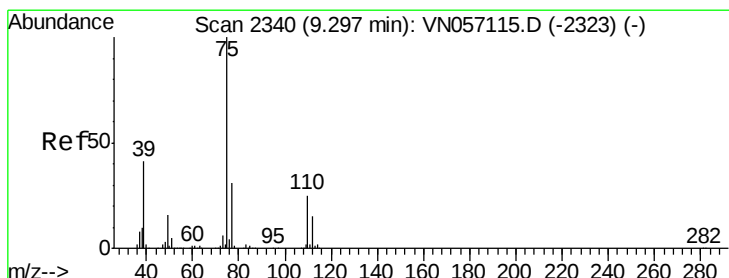
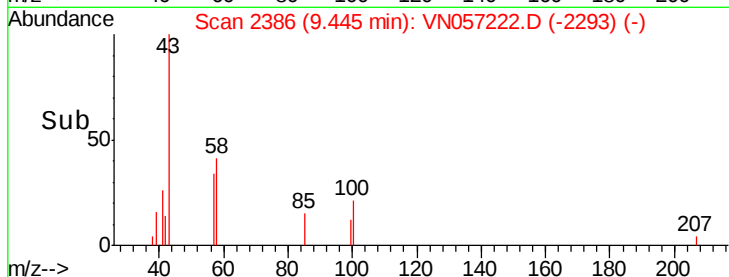
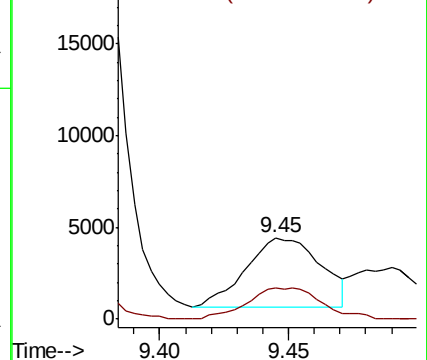
43 100

58 44.8 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 3.551 ug/l

RT: 9.36 min Scan# 2361

Delta R.T. 0.07 min

Lab File: VN057222.D

Acq: 12 Aug 2019 18:03

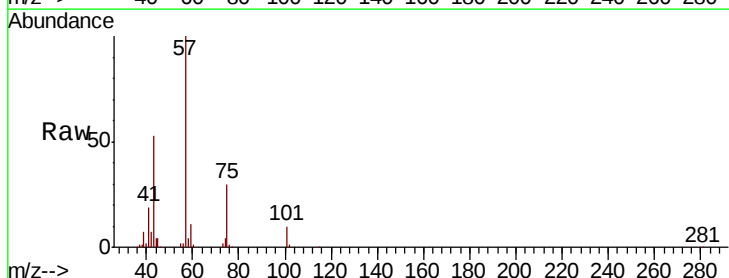
Tgt Ion: 75 Resp: 63720

Ion Ratio Lower Upper

75 100

77 0.6 25.1 37.7#

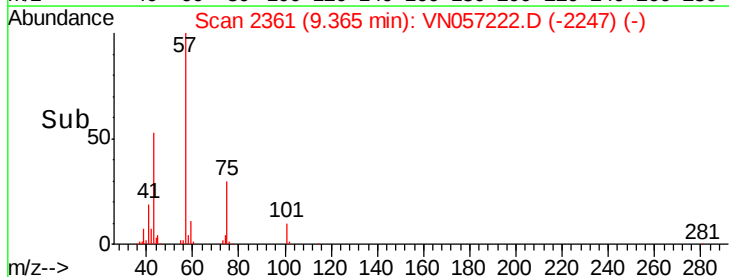
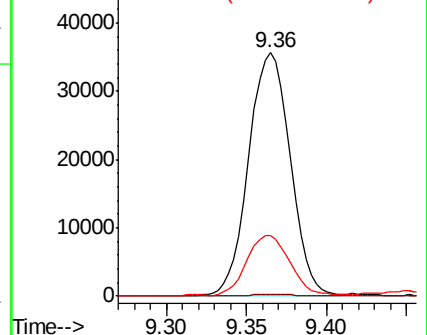
39 24.2 32.5 48.7#

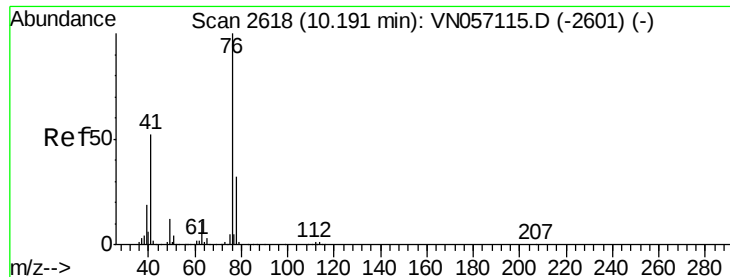


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

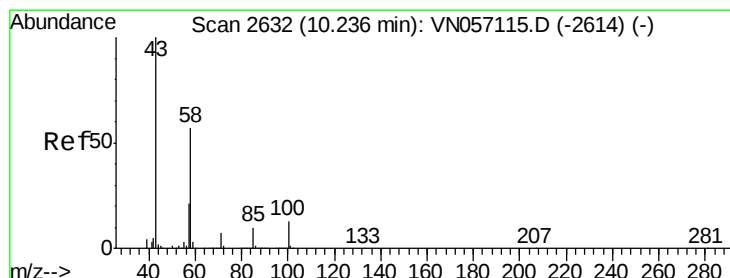
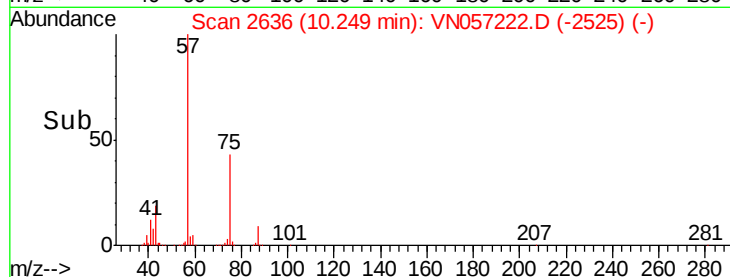
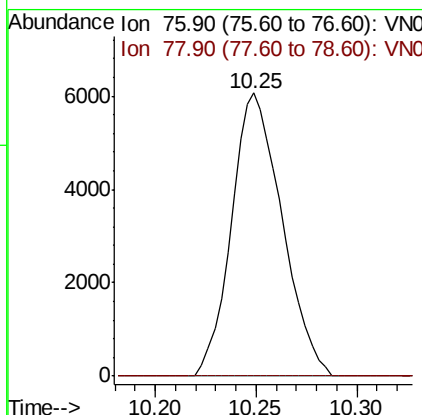
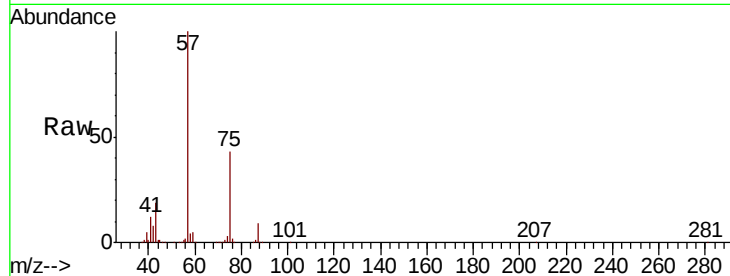




#57  
 1,3-Dichloropropane  
 Concen: 0.566 ug/l  
 RT: 10.25 min Scan# 2636  
 Delta R.T. 0.06 min  
 Lab File: VN057222.D  
 Acq: 12 Aug 2019 18:03

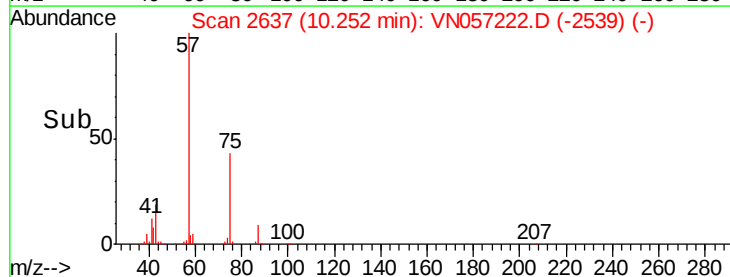
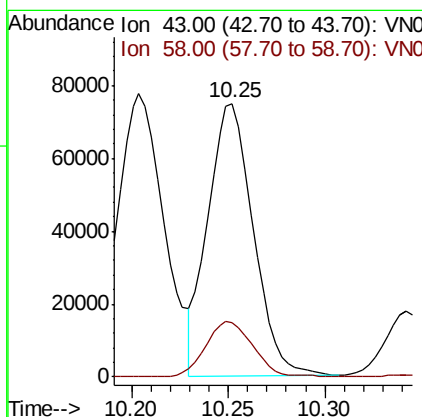
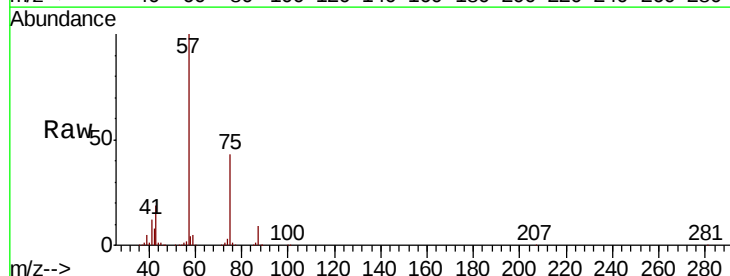
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 2S-C1-(0)

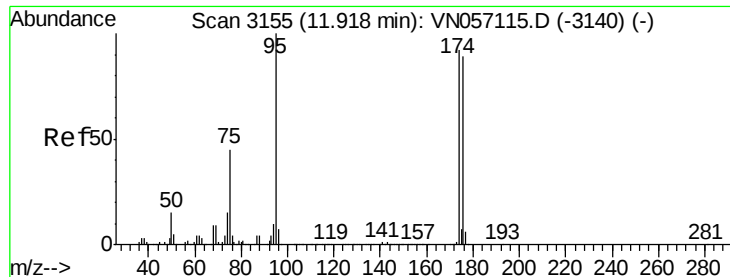
Tgt Ion: 76 Resp: 10612  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 25.9 38.9#



#59  
 2-Hexanone  
 Concen: 14.989 ug/l  
 RT: 10.25 min Scan# 2637  
 Delta R.T. 0.02 min  
 Lab File: VN057222.D  
 Acq: 12 Aug 2019 18:03

Tgt Ion: 43 Resp: 122237  
 Ion Ratio Lower Upper  
 43 100  
 58 21.3 29.2 87.6#





#62

4-Bromofluorobenzene

Concen: 39.926 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057222.D

Acq: 12 Aug 2019 18:03

Instrument :

MSVOA\_N

ClientSampleId :

2S-C1-(0)

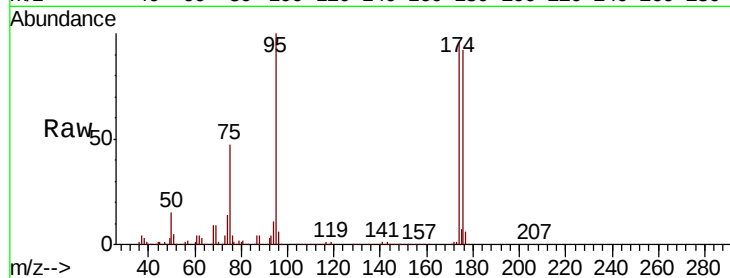
Tgt Ion: 95 Resp: 552082

Ion Ratio Lower Upper

95 100

174 96.5 0.0 185.0

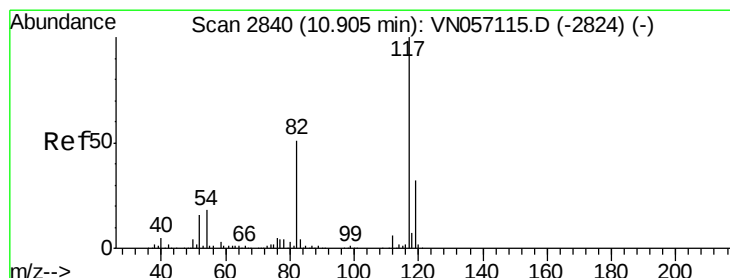
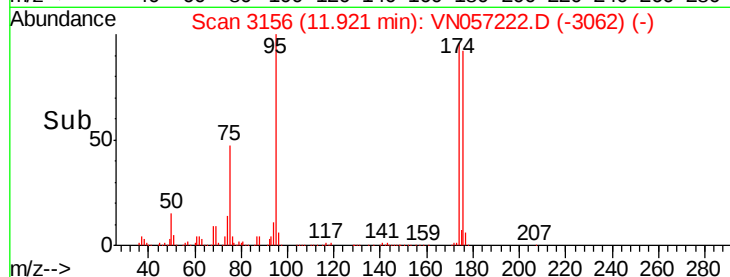
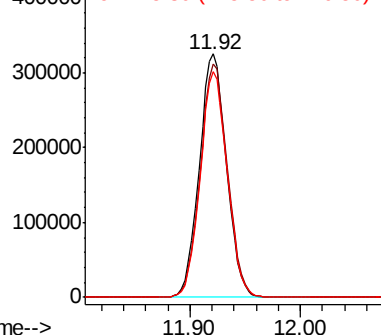
176 92.7 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VN057115.D (-3140) (-)

Ion 173.80 (173.50 to 174.50): VN057115.D (-3140) (-)

Ion 175.80 (175.50 to 176.50): VN057115.D (-3140) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057222.D

Acq: 12 Aug 2019 18:03

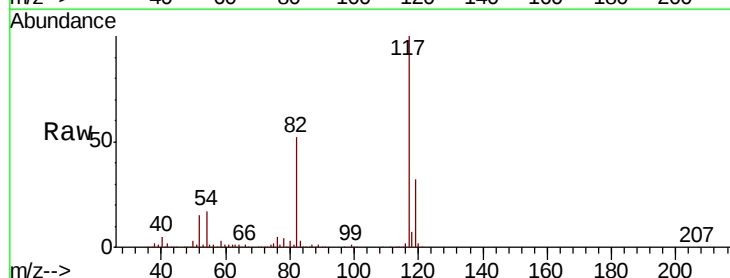
Tgt Ion: 117 Resp: 1508174

Ion Ratio Lower Upper

117 100

82 51.7 40.8 61.2

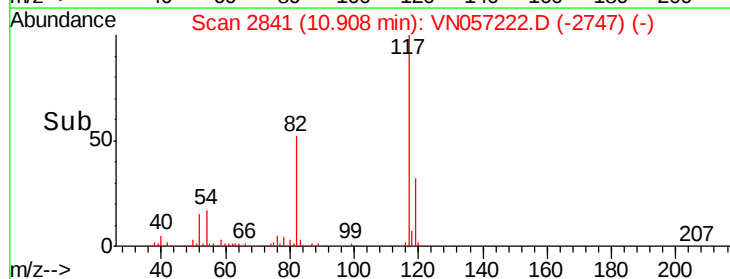
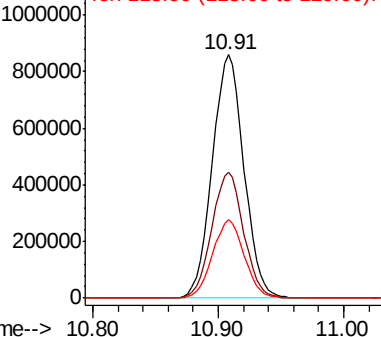
119 32.0 25.7 38.5

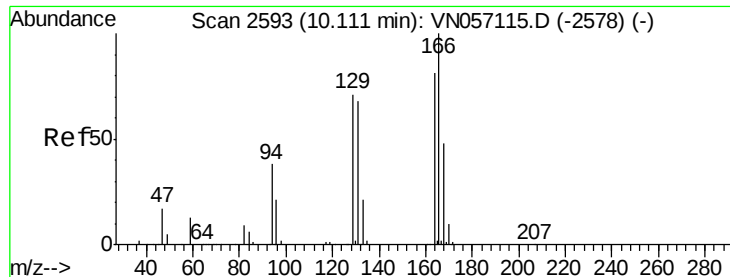


Abundance Ion 116.90 (116.60 to 117.60): VN057115.D (-2824) (-)

Ion 82.00 (81.70 to 82.70): VN057115.D (-2824) (-)

Ion 118.90 (118.60 to 119.60): VN057115.D (-2824) (-)





#64

Tetrachloroethene

Concen: 0.247 ug/l

RT: 10.11 min Scan# 2593

Delta R.T. -0.00 min

Lab File: VN057222.D

Acq: 12 Aug 2019 18:03

Instrument :

MSVOA\_N

ClientSampleId :

2S-C1-(0)

Tgt Ion:164 Resp: 3096

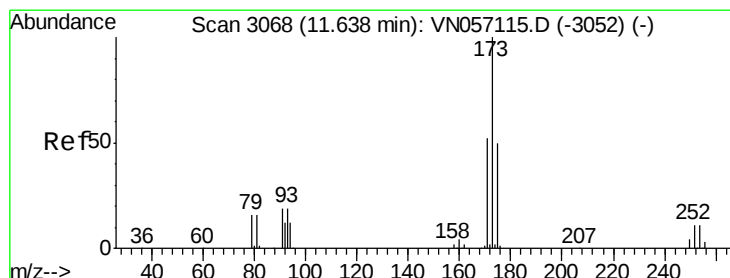
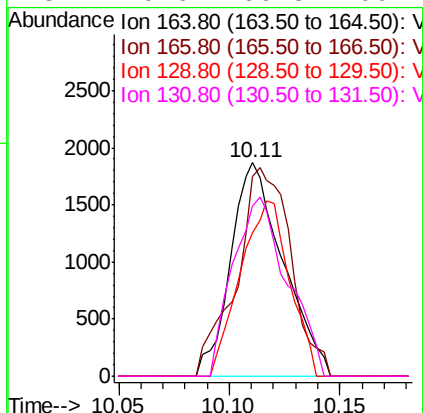
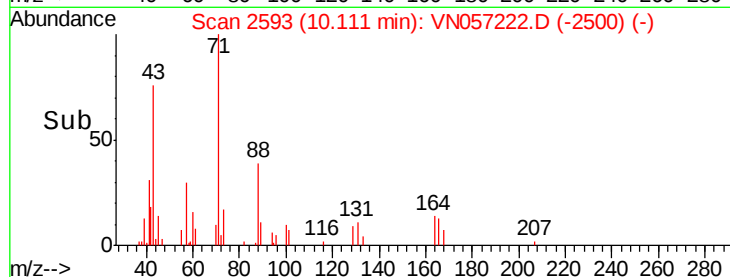
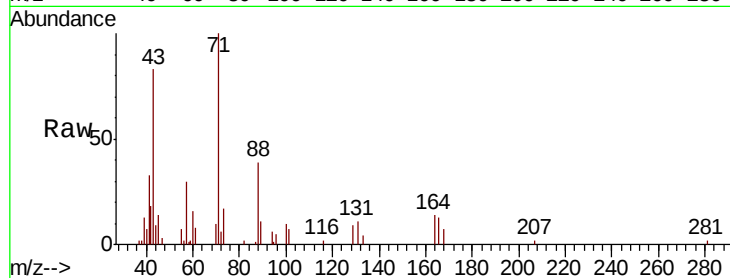
Ion Ratio Lower Upper

164 100

166 93.6 98.3 147.5#

129 67.0 69.8 104.6#

131 79.6 66.8 100.2



#71

Bromoform

Concen: 0.469 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.28 min

Lab File: VN057222.D

Acq: 12 Aug 2019 18:03

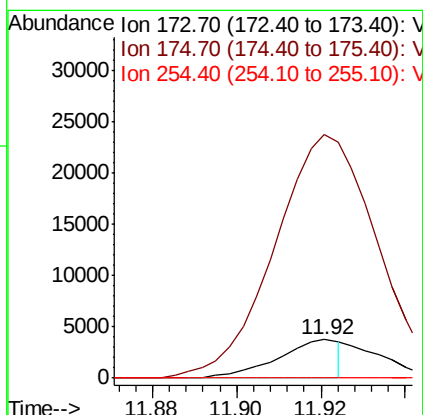
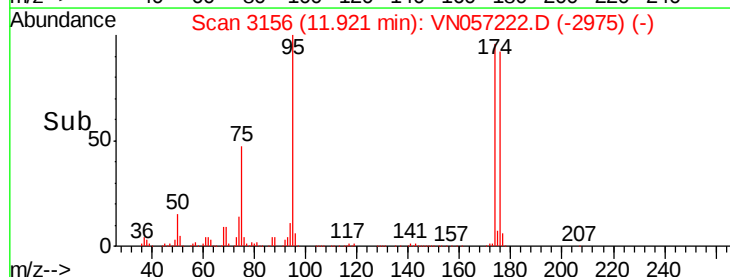
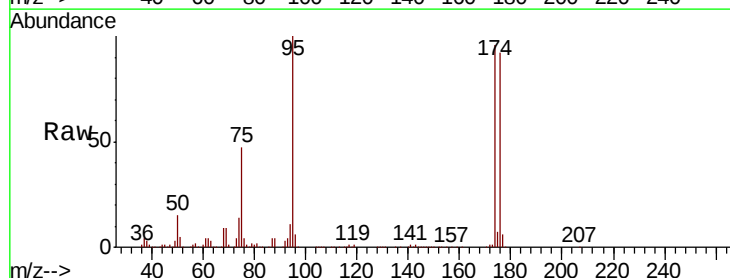
Tgt Ion:173 Resp: 3897

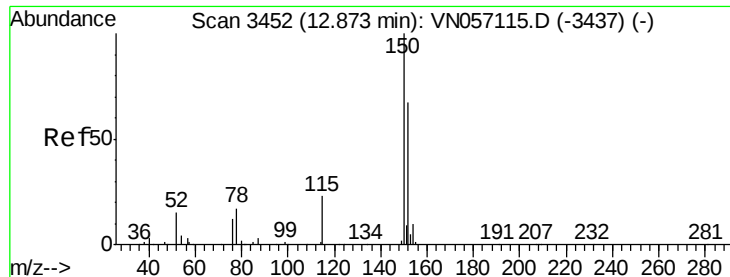
Ion Ratio Lower Upper

173 100

175 669.1 24.6 73.8#

254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057222.D

Acq: 12 Aug 2019 18:03

Instrument :

MSVOA\_N

ClientSampleId :

2S-C1-(0)

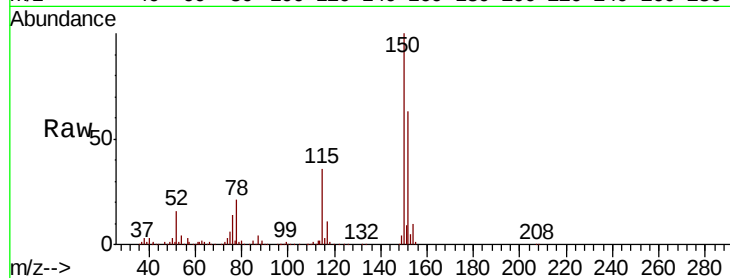
Tgt Ion:152 Resp: 388604

Ion Ratio Lower Upper

152 100

115 56.6 27.5 82.5

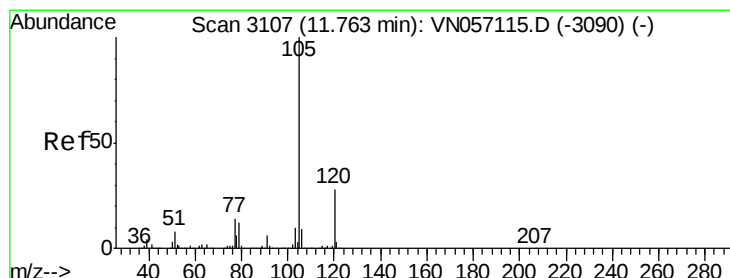
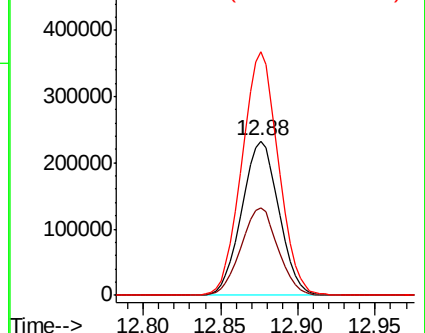
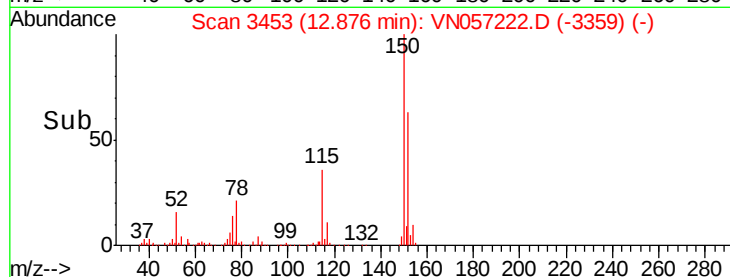
150 155.6 0.0 341.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 11.77 min Scan# 3108

Delta R.T. 0.00 min

Lab File: VN057222.D

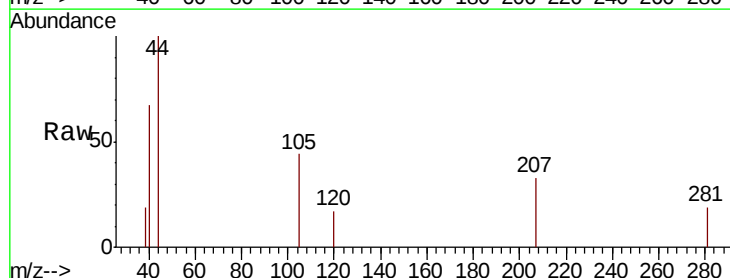
Acq: 12 Aug 2019 18:03

Tgt Ion:105 Resp: 395

Ion Ratio Lower Upper

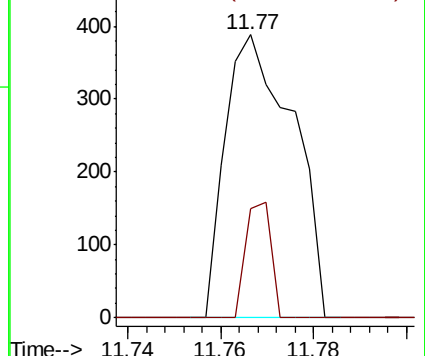
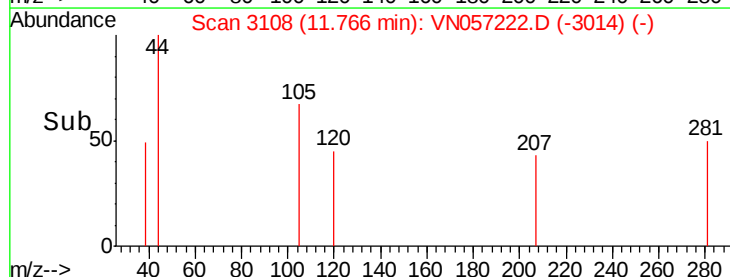
105 100

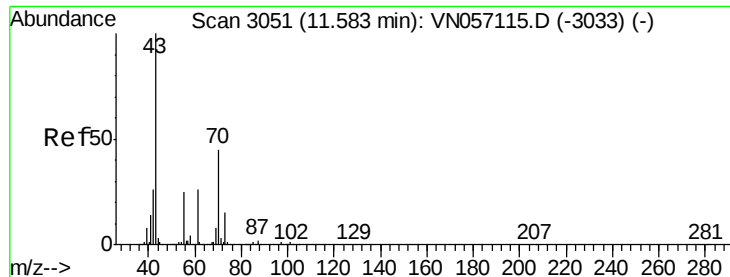
120 14.9 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.457 ug/l

RT: 11.55 min Scan# 3040

Delta R.T. -0.04 min

Lab File: VN057222.D

Acq: 12 Aug 2019 18:03

Instrument :

MSVOA\_N

ClientSampled :

2S-C1-(0)

Tgt Ion: 43 Resp: 4503

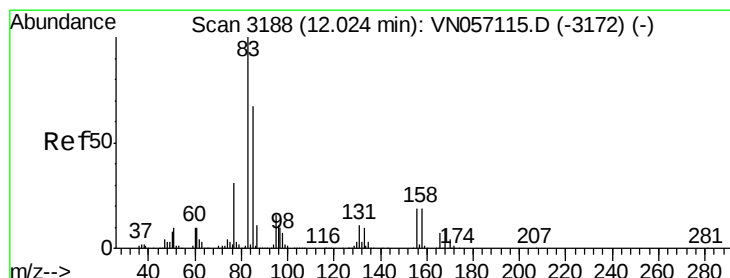
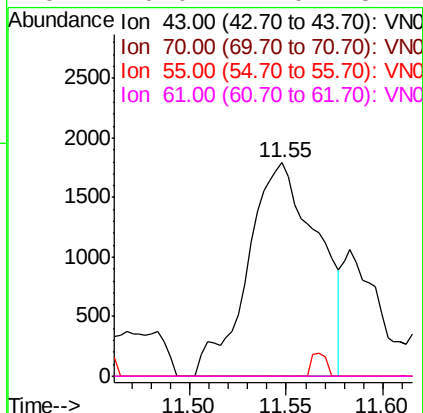
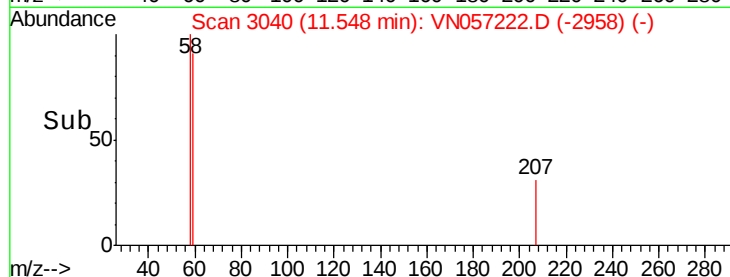
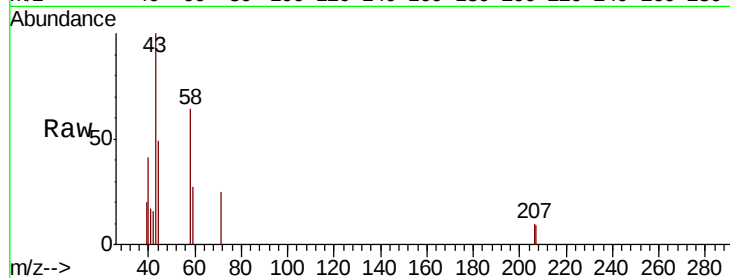
Ion Ratio Lower Upper

43 100

70 0.0 36.8 55.2#

55 2.3 20.6 31.0#

61 0.0 21.0 31.4#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.91 min Scan# 3154

Delta R.T. -0.11 min

Lab File: VN057222.D

Acq: 12 Aug 2019 18:03

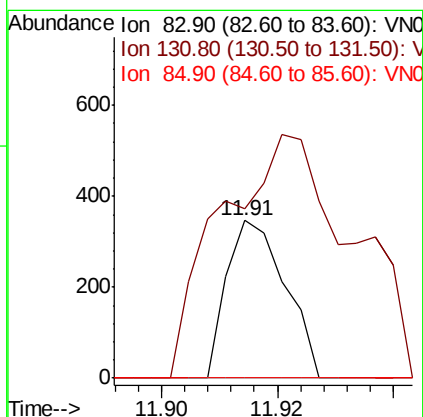
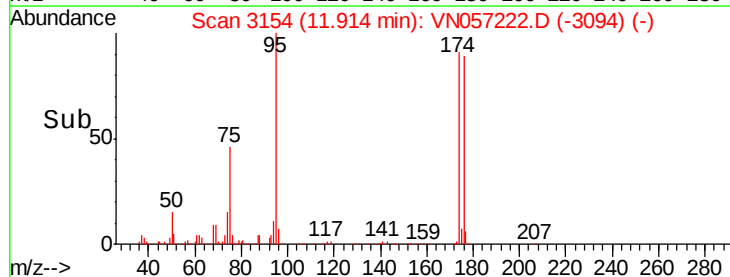
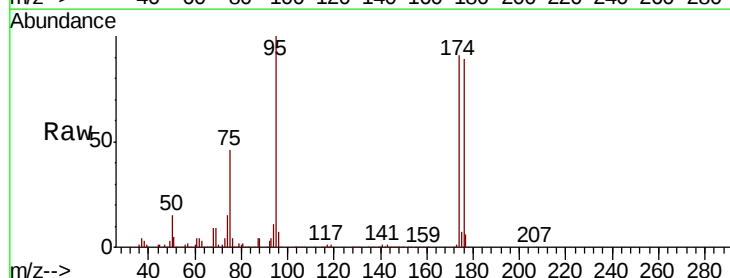
Tgt Ion: 83 Resp: 242

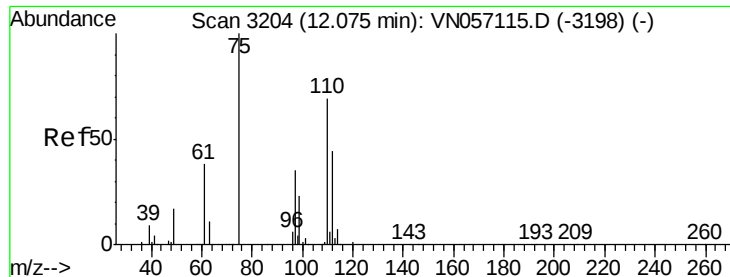
Ion Ratio Lower Upper

83 100

131 347.1 5.5 16.4#

85 0.0 32.4 97.0#





#76

1,2,3-Trichloropropane

Concen: 32.838 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.15 min

Lab File: VN057222.D

Acq: 12 Aug 2019 18:03

Instrument :

MSVOA\_N

ClientSampleId :

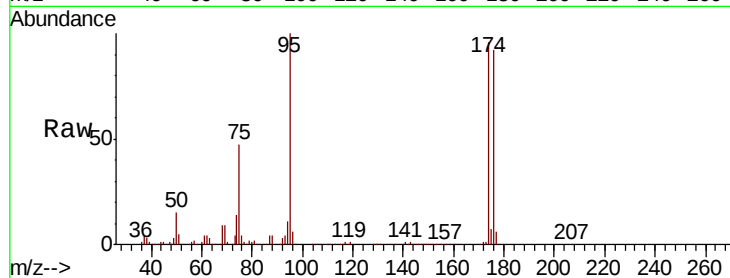
2S-C1-(0)

Tgt Ion: 75 Resp: 256783

Ion Ratio Lower Upper

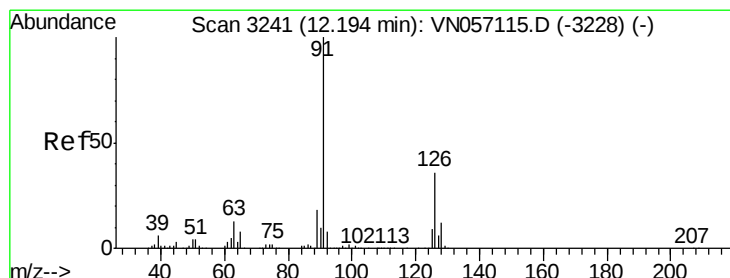
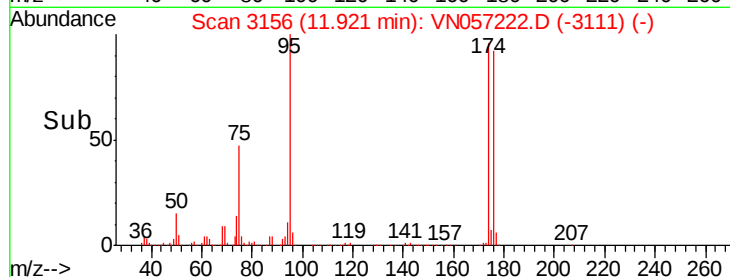
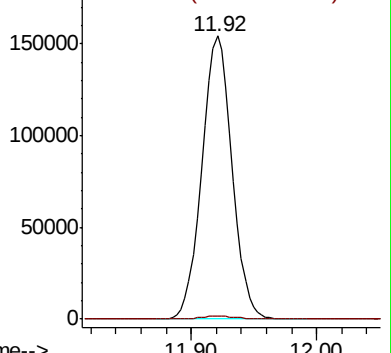
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.20 min Scan# 3244

Delta R.T. 0.01 min

Lab File: VN057222.D

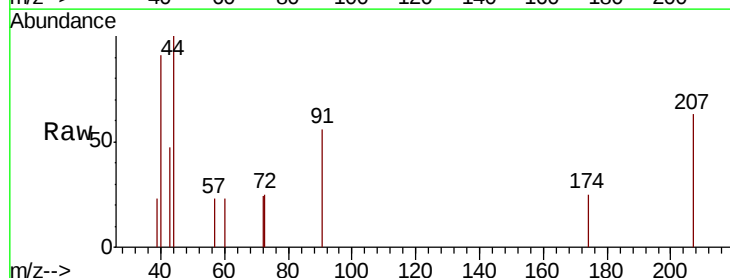
Acq: 12 Aug 2019 18:03

Tgt Ion: 91 Resp: 459

Ion Ratio Lower Upper

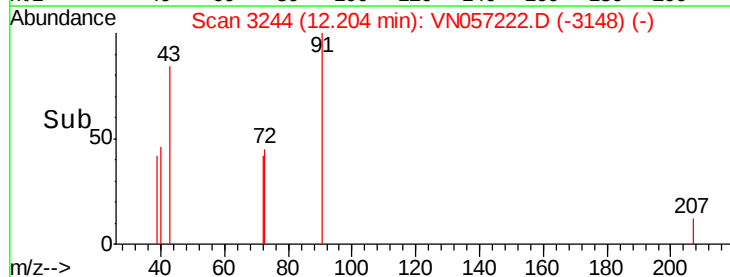
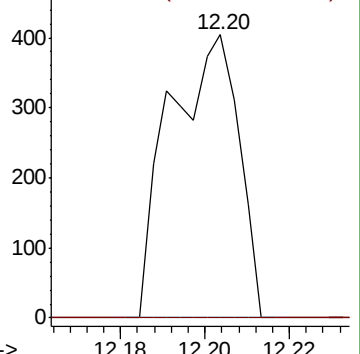
91 100

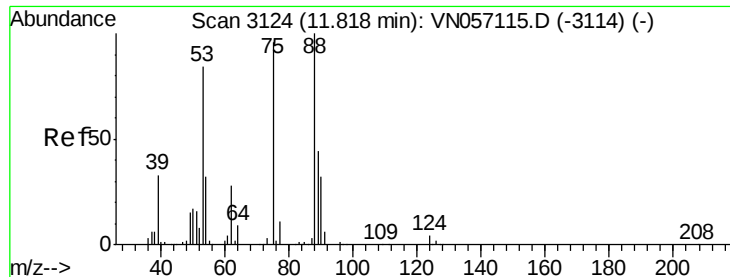
126 0.0 18.1 54.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 97.158 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.10 min

Lab File: VN057222.D

Acq: 12 Aug 2019 18:03

Instrument :

MSVOA\_N

ClientSampleId :

2S-C1-(0)

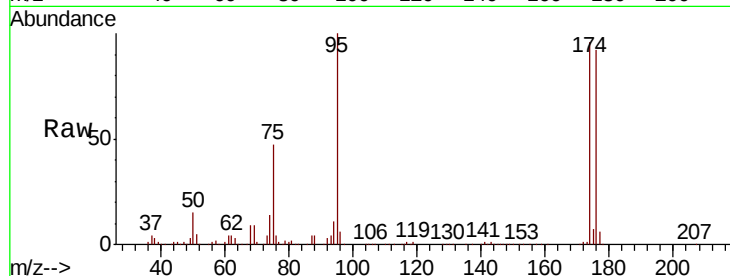
Tgt Ion: 75 Resp: 256783

Ion Ratio Lower Upper

75 100

53 0.0 70.6 106.0#

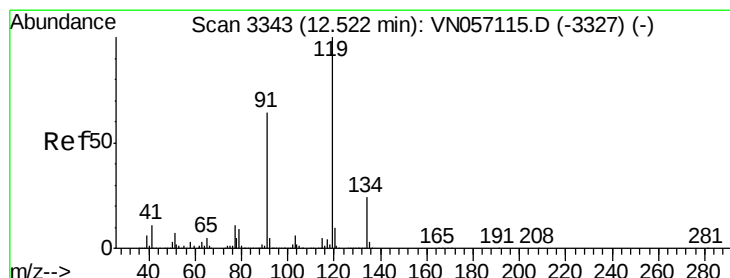
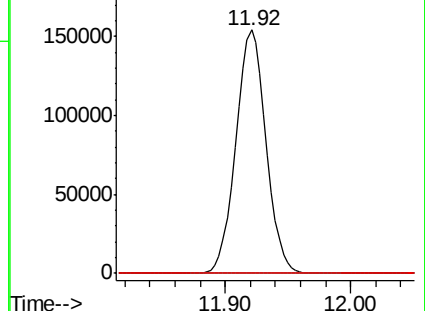
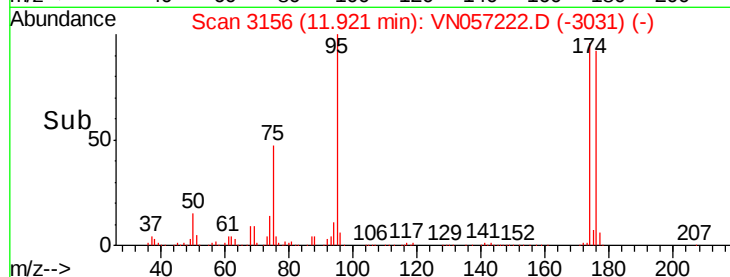
89 0.0 36.4 54.6#



Abundance Ion 74.90 (74.60 to 75.60): VN057115.D (-3114) (-)

Ion 53.00 (52.70 to 53.70): VN057115.D (-3114) (-)

Ion 88.90 (88.60 to 89.60): VN057115.D (-3114) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.51 min Scan# 3340

Delta R.T. -0.01 min

Lab File: VN057222.D

Acq: 12 Aug 2019 18:03

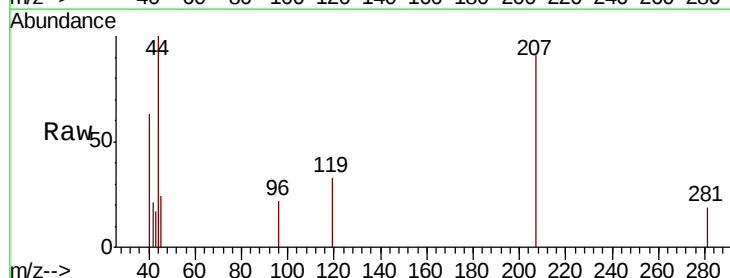
Tgt Ion: 119 Resp: 243

Ion Ratio Lower Upper

119 100

91 107.4 31.4 94.2#

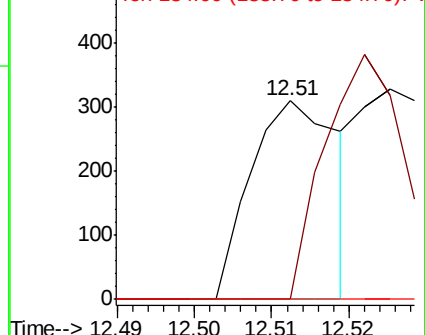
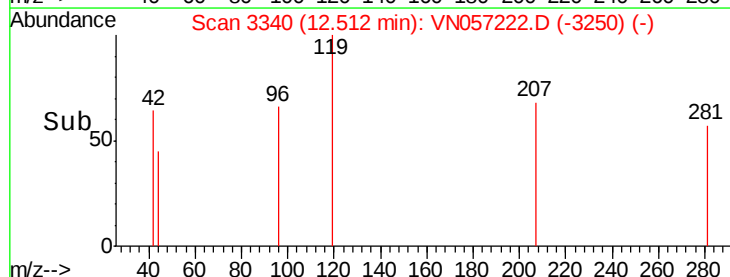
134 0.0 13.2 39.6#

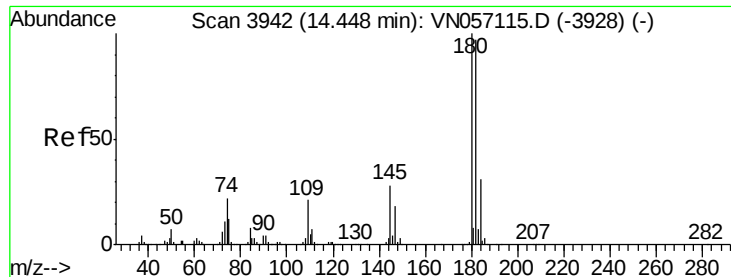


Abundance Ion 119.00 (118.70 to 119.70): VN057115.D (-3327) (-)

Ion 91.00 (90.70 to 91.70): VN057115.D (-3327) (-)

Ion 134.00 (133.70 to 134.70): VN057115.D (-3327) (-)

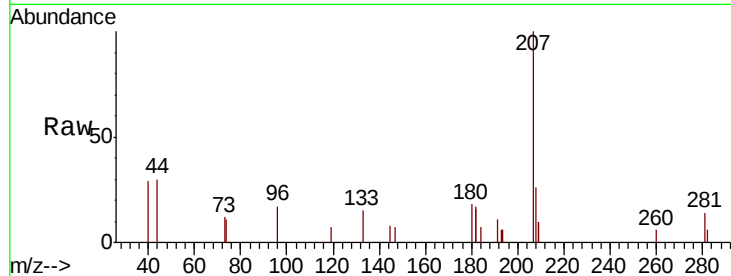




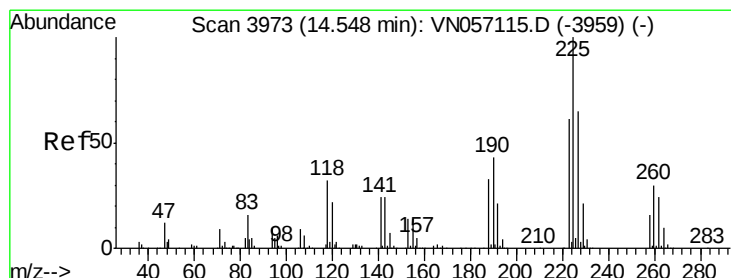
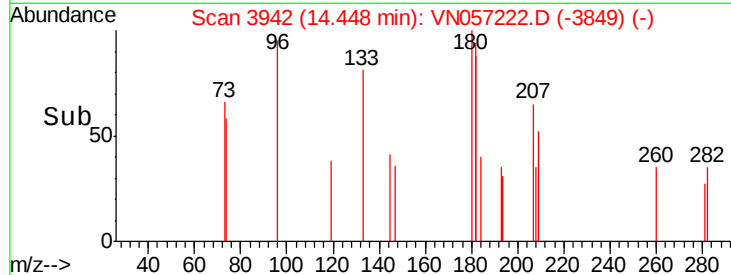
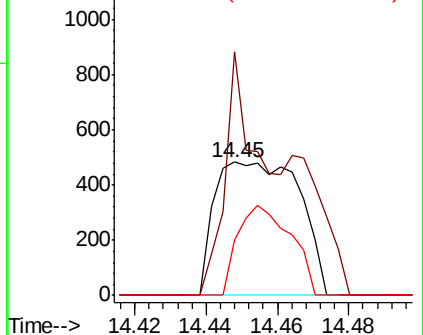
#93  
 1,2,4-Trichlorobenzene  
 Concen: 6.054 ug/l  
 RT: 14.45 min Scan# 3942  
 Delta R.T. 0.00 min  
 Lab File: VN057222.D  
 Acq: 12 Aug 2019 18:03

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 2S-C1-(0)

Tgt Ion:180 Resp: 794  
 Ion Ratio Lower Upper  
 180 100  
 182 79.2 47.5 142.6  
 145 41.8 14.1 42.2

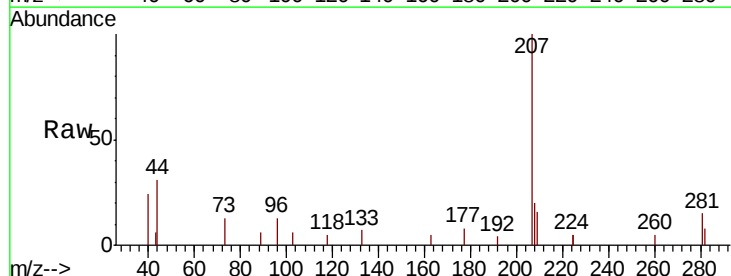


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

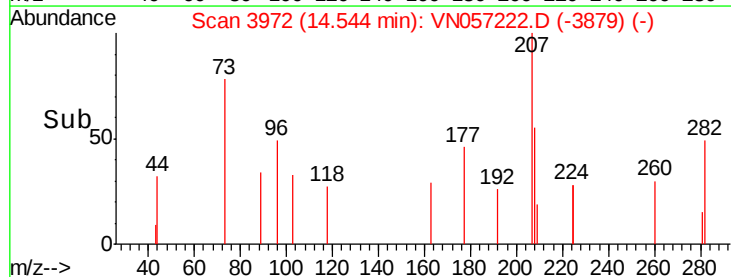
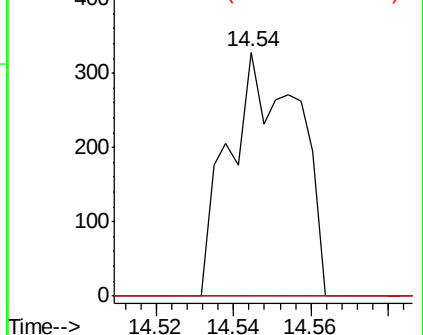


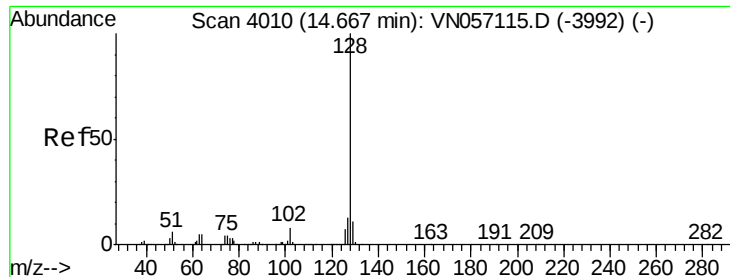
#94  
 Hexachlorobutadiene  
 Concen: Below Cal  
 RT: 14.54 min Scan# 3972  
 Delta R.T. -0.00 min  
 Lab File: VN057222.D  
 Acq: 12 Aug 2019 18:03

Tgt Ion:225 Resp: 407  
 Ion Ratio Lower Upper  
 225 100  
 223 0.0 30.9 92.8#  
 227 0.0 32.4 97.0#



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: 2.948 ug/l

RT: 14.67 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VN057222.D

Acq: 12 Aug 2019 18:03

Instrument :

MSVOA\_N

ClientSampleId :

2S-C1-(0)

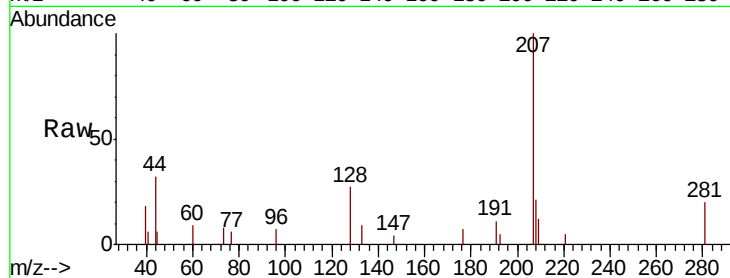
Tgt Ion:128 Resp: 1460

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

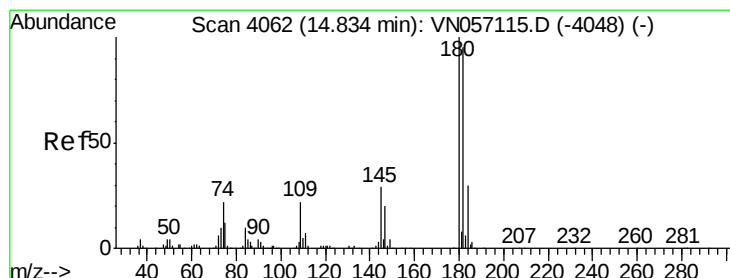
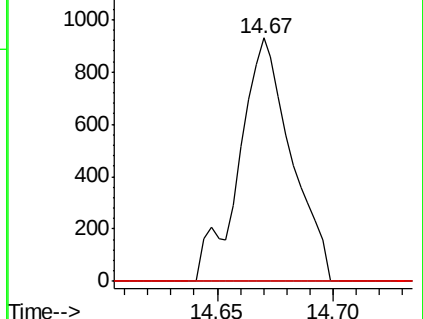
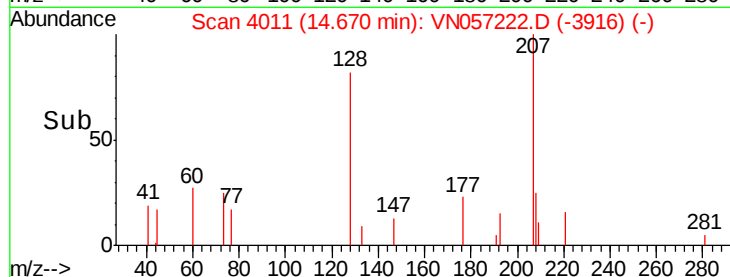
129 0.0 8.8 13.2#



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: 5.849 ug/l

RT: 14.84 min Scan# 4063

Delta R.T. 0.00 min

Lab File: VN057222.D

Acq: 12 Aug 2019 18:03

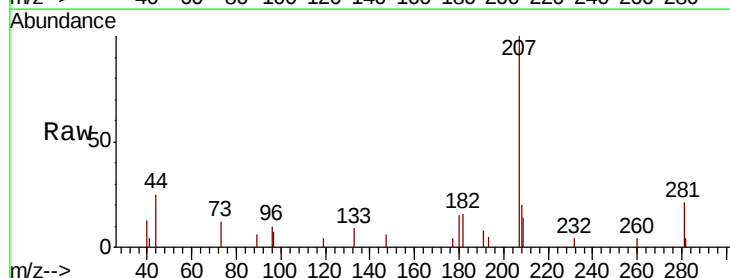
Tgt Ion:180 Resp: 840

Ion Ratio Lower Upper

180 100

182 105.4 48.3 144.8

145 0.0 14.9 44.5#



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

