

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\  
 Data File : VN056840.D  
 Acq On : 19 Jul 2019 18:24  
 Operator : JC/SP  
 Sample : K3868-12  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-4

Quant Time: Jul 19 23:17:15 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N071519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 16 07:03:34 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 251014   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 467005   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 518669   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 188921   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 153393   | 55.25 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 110.50% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 139585   | 48.03 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.06%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 603089   | 53.73 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.46% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 223159   | 58.95 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 117.90% |          |

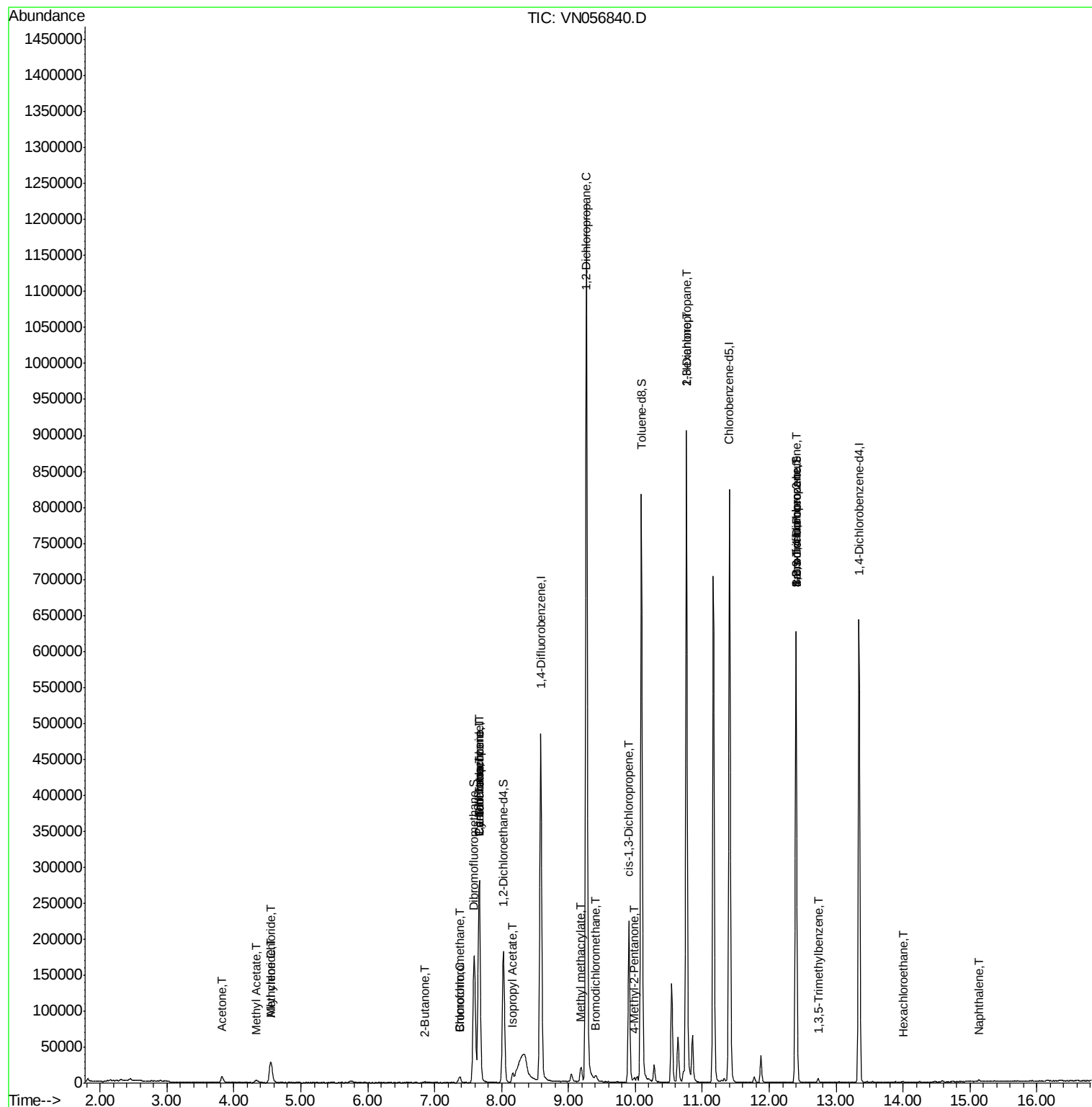
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 14) Allyl chloride             | 4.56  | 41   | 979      | 0.240     | ug/l # | 29     |
| 16) Acetone                    | 3.82  | 43   | 15432    | 12.061    | ug/l   | 93     |
| 18) Methyl Acetate             | 4.33  | 43   | 7840     | 1.790     | ug/l   | 93     |
| 20) Methylene Chloride         | 4.55  | 84   | 24050    | 8.601     | ug/l   | 98     |
| 25) 2-Butanone                 | 6.85  | 43   | 2793     | 1.493     | ug/l   | 96     |
| 28) Bromochloromethane         | 7.37  | 49   | 472      | 0.215     | ug/l # | 11     |
| 30) Chloroform                 | 7.38  | 83   | 10027    | 2.146     | ug/l   | 98     |
| 31) Cyclohexane                | 7.66  | 56   | 3748     | 0.844     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.66  | 75   | 16631    | 3.848     | ug/l # | 48     |
| 38) Carbon Tetrachloride       | 7.67  | 117  | 22511    | 5.555     | ug/l # | 15     |
| 43) Isopropyl Acetate          | 8.17  | 43   | 17267    | 2.579     | ug/l # | 86     |
| 45) 1,2-Dichloropropane        | 9.26  | 63   | 1359     | 0.386     | ug/l # | 45     |
| 47) Bromodichloromethane       | 9.40  | 83   | 2053     | 0.495     | ug/l # | 73     |
| 48) Methyl methacrylate        | 9.18  | 41   | 8027     | 2.479     | ug/l # | 13     |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 4122     | 0.950     | ug/l   | 91     |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 43642    | 8.700     | ug/l # | 64     |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 9887     | 1.835     | ug/l # | 42     |
| 59) 2-Hexanone                 | 10.76 | 43   | 130163   | 41.829    | ug/l # | 51     |
| 71) Bromoform                  | 12.40 | 173  | 1687     | 0.568     | ug/l # | 1      |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 102709   | 24.857    | ug/l # | 100    |
| 79) 2-Chlorotoluene            | 12.73 | 91   | 267      | Below Cal | #      | 39     |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 3283     | 0.254     | ug/l   | 90     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 102709   | 76.767    | ug/l # | 13     |
| 83) tert-Butylbenzene          | 12.73 | 119  | 193      | Below Cal | #      | 17     |
| 90) Hexachloroethane           | 14.00 | 117  | 490      | 0.233     | ug/l # | 3      |
| 95) Naphthalene                | 15.13 | 128  | 3079     | 4.802     | ug/l # | 94     |

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

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Quant Time: Jul 19 23:17:15 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N071519W.M  
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QLast Update : Tue Jul 16 07:03:34 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056840.D

Acq: 19 Jul 2019 18:24

Instrument :

MSVOA\_N

ClientSampleId :

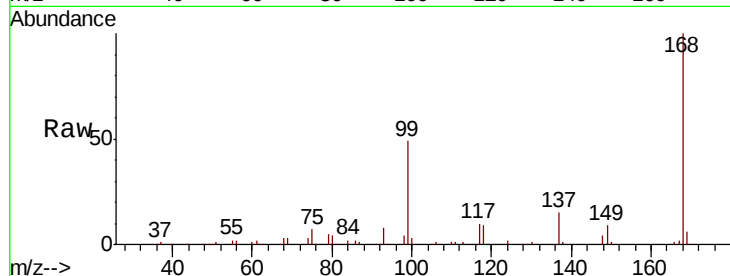
TP-4

Tot Ion:168 Resp: 251014

Ion Ratio Lower Upper

168 100

99 49.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

120000

100000

80000

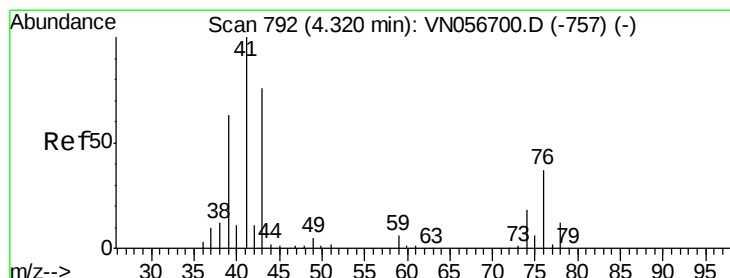
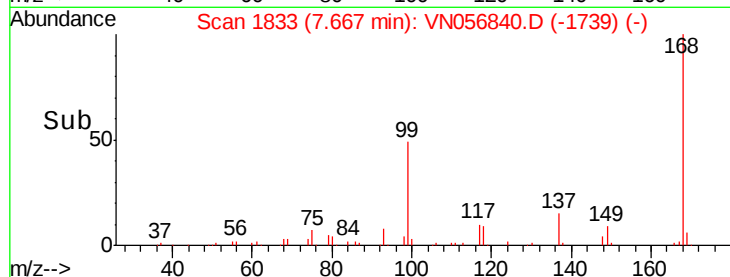
60000

40000

20000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#14

Allyl chloride

Concen: 0.240 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.24 min

Lab File: VN056840.D

Acq: 19 Jul 2019 18:24

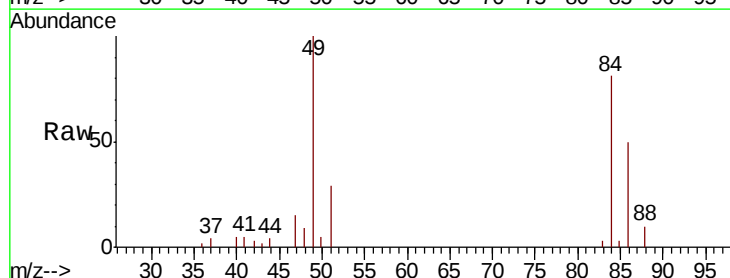
Tgt Ion: 41 Resp: 979

Ion Ratio Lower Upper

41 100

39 0.0 46.9 70.3#

76 0.0 26.5 39.7#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

4.56

500

400

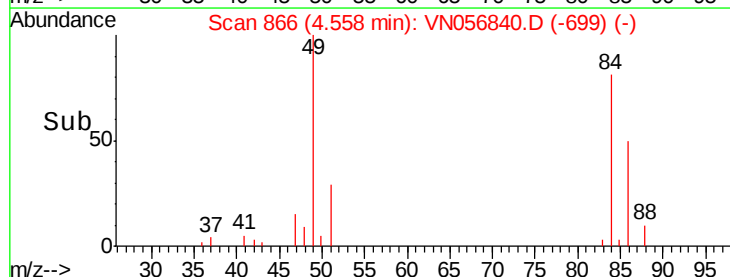
300

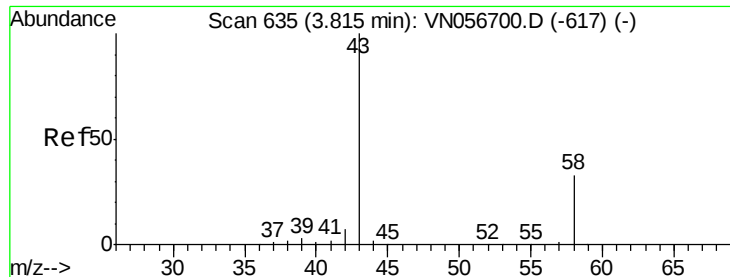
200

100

0

Time--> 4.50 4.55





#16

Acetone

Concen: 12.061 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN056840.D

Acq: 19 Jul 2019 18:24

Instrument :

MSVOA\_N

ClientSampled :

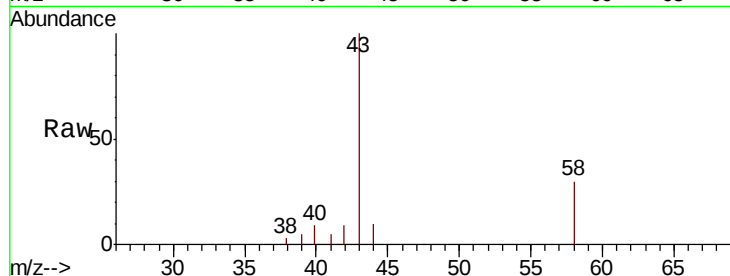
TP-4

Tot Ion: 43 Resp: 15432

Ion Ratio Lower Upper

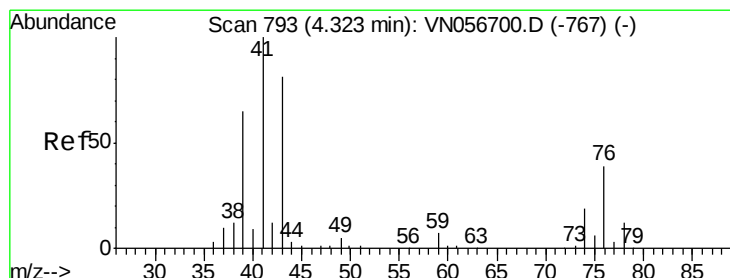
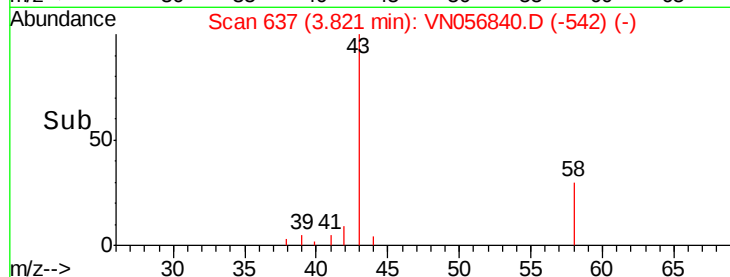
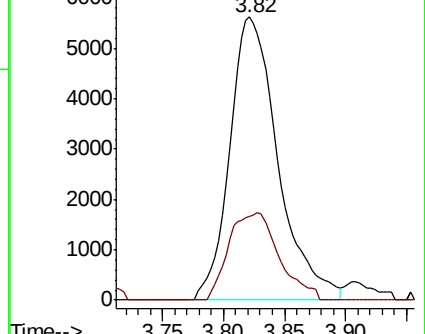
43 100

58 29.7 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.790 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN056840.D

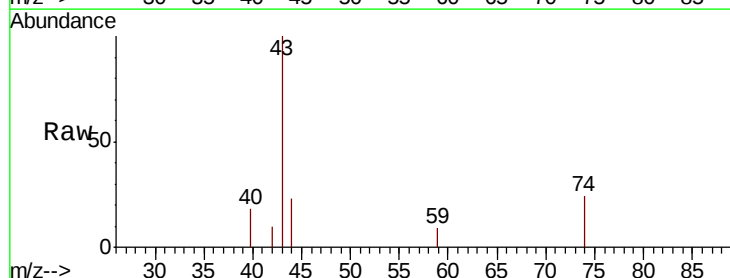
Acq: 19 Jul 2019 18:24

Tgt Ion: 43 Resp: 7840

Ion Ratio Lower Upper

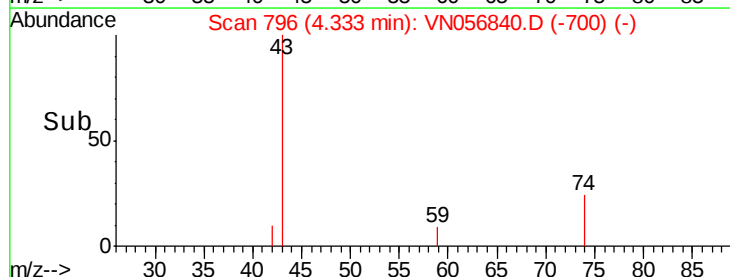
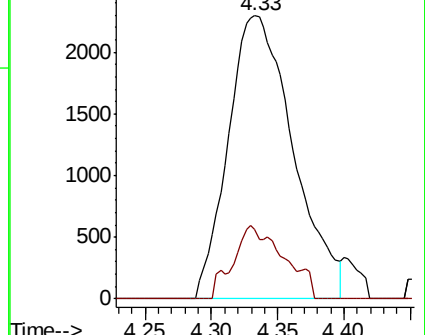
43 100

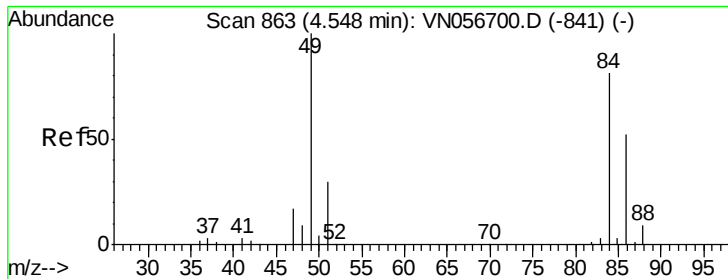
74 20.1 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

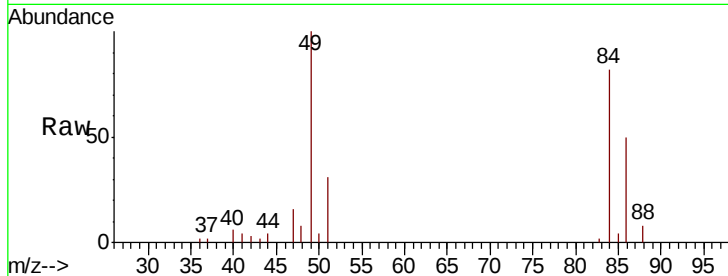




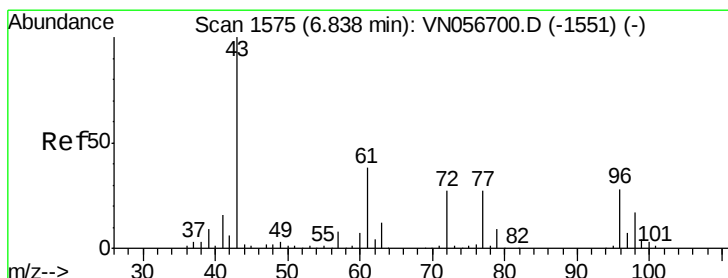
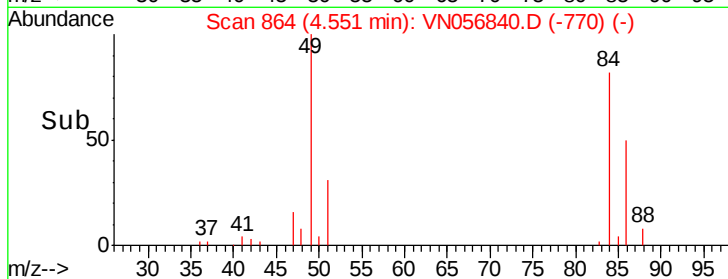
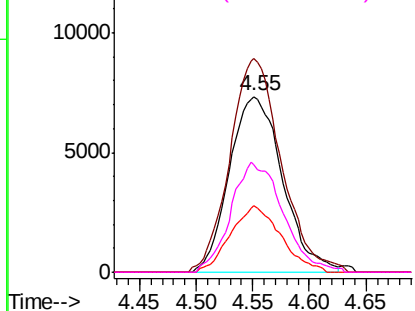
#20  
Methvlene Chloride  
Concen: 8.601 ug/l  
RT: 4.55 min Scan# 864  
Delta R.T. 0.00 min  
Lab File: VN056840.D  
Acq: 19 Jul 2019 18:24

Instrument :  
MSVOA\_N  
ClientSampled :  
TP-4

Tot Ion: 84 Resp: 24050  
Ion Ratio Lower Upper  
84 100  
49 121.5 98.2 147.4  
51 37.6 29.6 44.4  
86 60.9 51.0 76.4

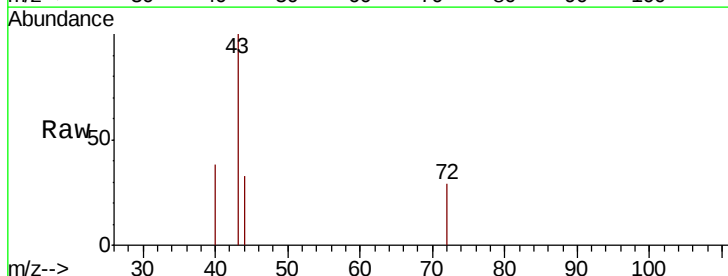


Abundance Ion 83.90 (83.60 to 84.60): VNO  
Ion 48.90 (48.60 to 49.60): VNO  
Ion 50.90 (50.60 to 51.60): VNO  
Ion 85.90 (85.60 to 86.60): VNO

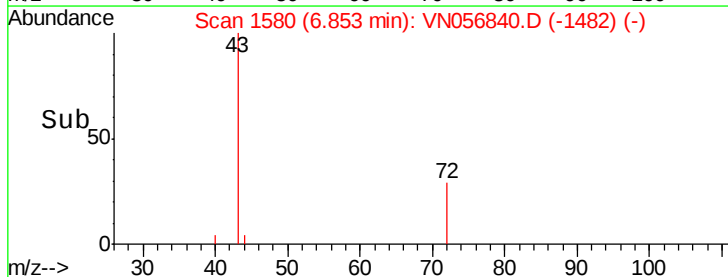
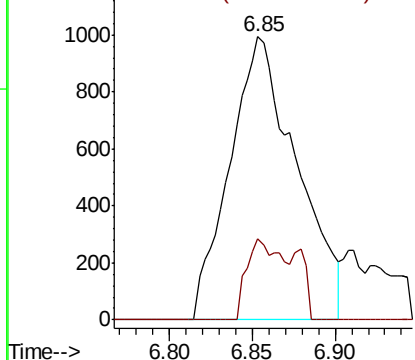


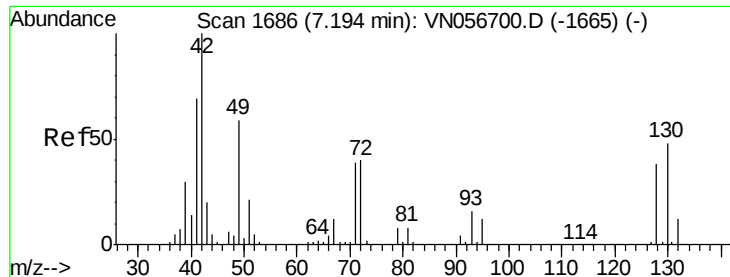
#25  
2-Butanone  
Concen: 1.493 ug/l  
RT: 6.85 min Scan# 1580  
Delta R.T. 0.02 min  
Lab File: VN056840.D  
Acq: 19 Jul 2019 18:24

Tgt Ion: 43 Resp: 2793  
Ion Ratio Lower Upper  
43 100  
72 28.7 21.2 31.8



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





#28

Bromochloromethane

Concen: 0.215 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. 0.17 min

Lab File: VN056840.D

Acq: 19 Jul 2019 18:24

Instrument :  
MSVOA\_N  
ClientSampled :  
TP-4

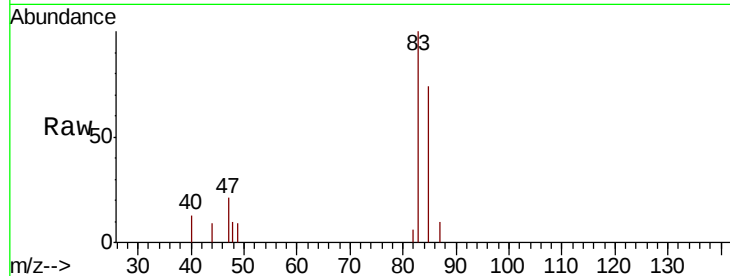
Tot Ion: 49 Resp: 472

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

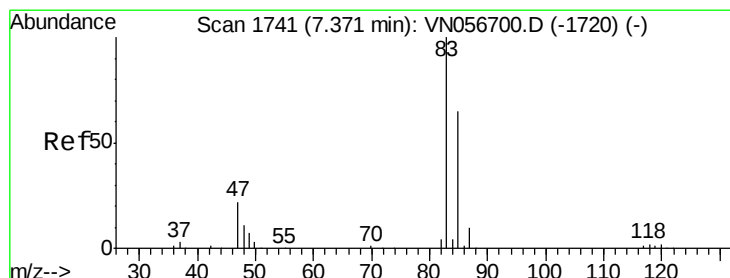
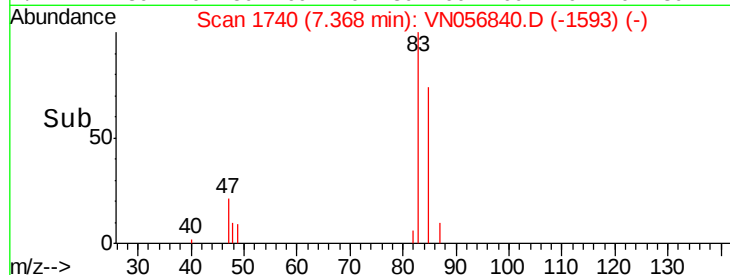
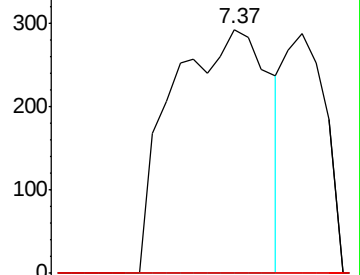
130 0.0 64.7 97.1#



Abundance Ion 48.90 (48.60 to 49.60): VN056840.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN056840.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN056840.D (-1593) (-)



#30

Chloroform

Concen: 2.146 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN056840.D

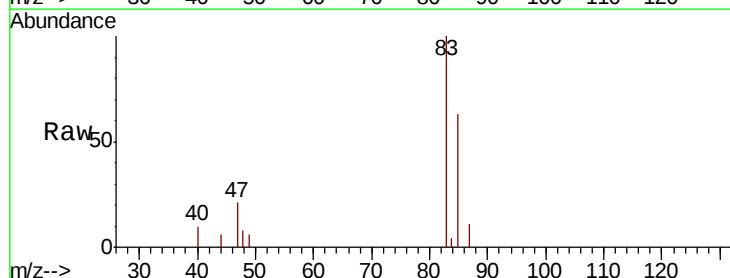
Acq: 19 Jul 2019 18:24

Tgt Ion: 83 Resp: 10027

Ion Ratio Lower Upper

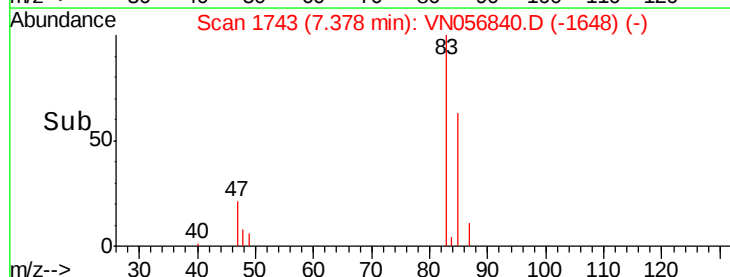
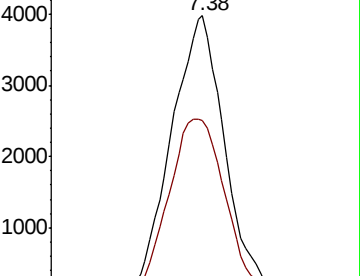
83 100

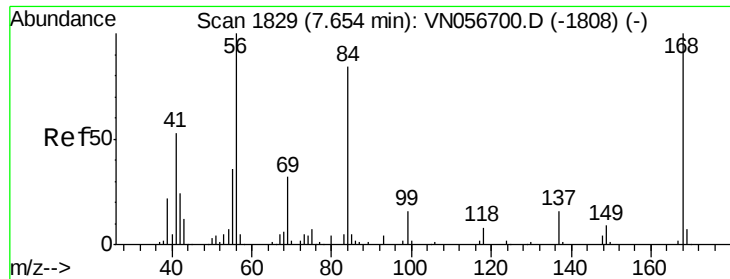
85 63.2 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VN056840.D (-1648) (-)

Ion 84.90 (84.60 to 85.60): VN056840.D (-1648) (-)

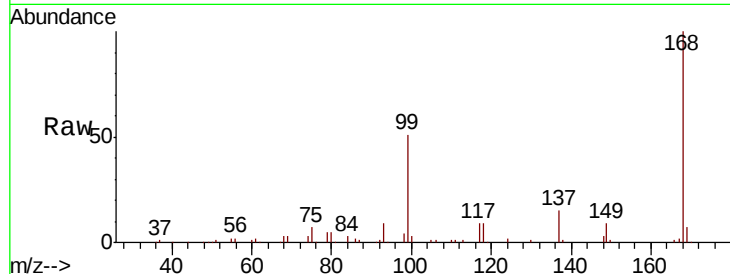




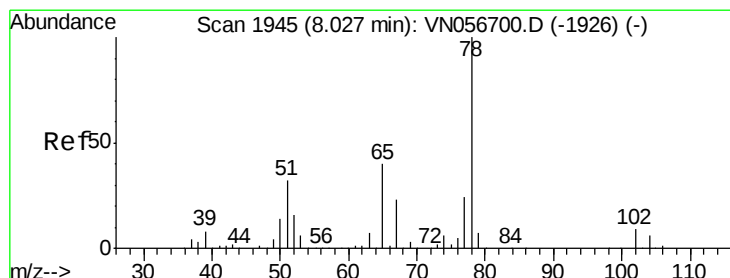
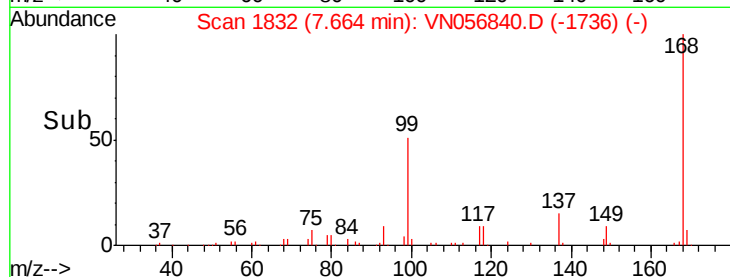
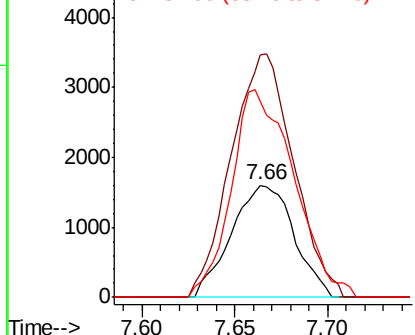
#31  
Cyclohexane  
Concen: 0.844 ug/l  
RT: 7.66 min Scan# 1832  
Delta R.T. 0.01 min  
Lab File: VN056840.D  
Acq: 19 Jul 2019 18:24

Instrument :  
MSVOA\_N  
ClientSampled :  
TP-4

Tot Ion: 56 Resp: 3748  
Ion Ratio Lower Upper  
56 100  
69 216.3 25.8 38.8#  
84 175.4 67.4 101.0#

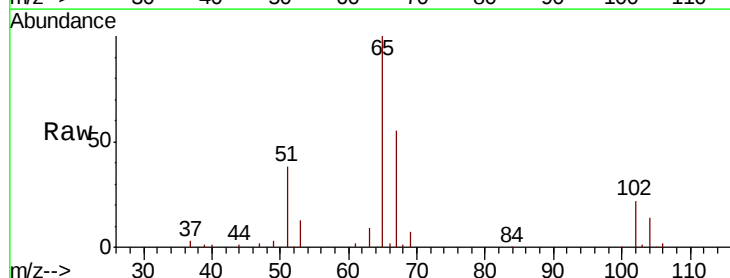


Abundance Ion 56.00 (55.70 to 56.70): VNC  
Ion 69.00 (68.70 to 69.70): VNC  
Ion 84.00 (83.70 to 84.70): VNC

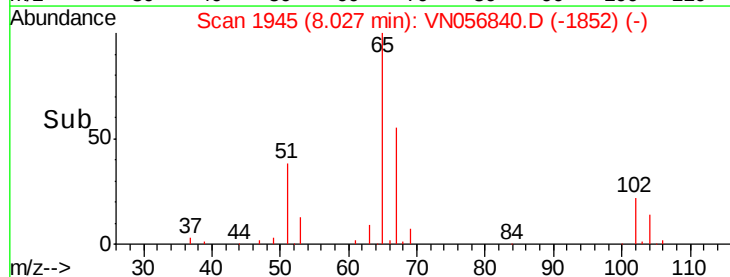
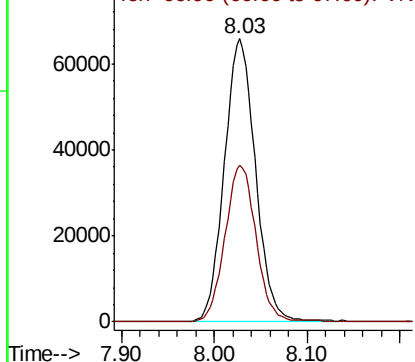


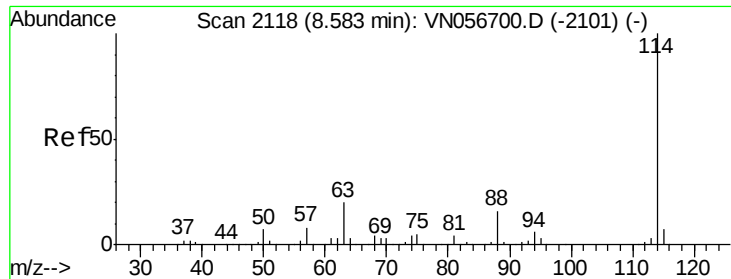
#33  
1,2-Dichloroethane-d4  
Concen: 55.246 ug/l  
RT: 8.03 min Scan# 1945  
Delta R.T. -0.00 min  
Lab File: VN056840.D  
Acq: 19 Jul 2019 18:24

Tgt Ion: 65 Resp: 153393  
Ion Ratio Lower Upper  
65 100  
67 54.9 0.0 109.0



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

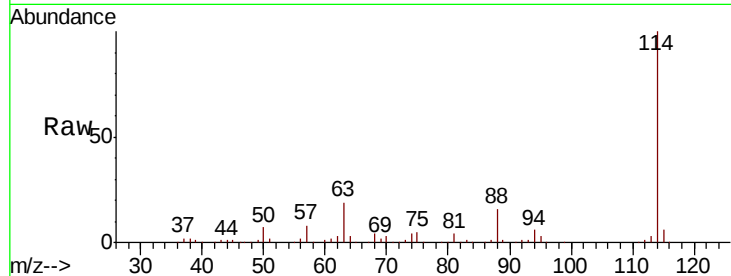




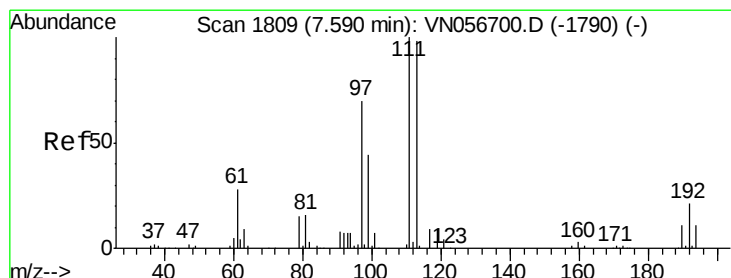
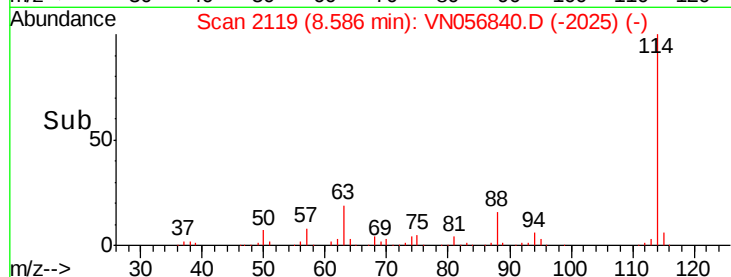
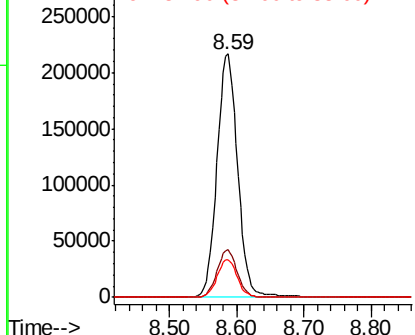
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN056840.D  
 Acq: 19 Jul 2019 18:24

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 TP-4

Tot Ion:114 Resp: 467005  
 Ion Ratio Lower Upper  
 114 100  
 63 19.4 0.0 39.4  
 88 15.6 0.0 31.2

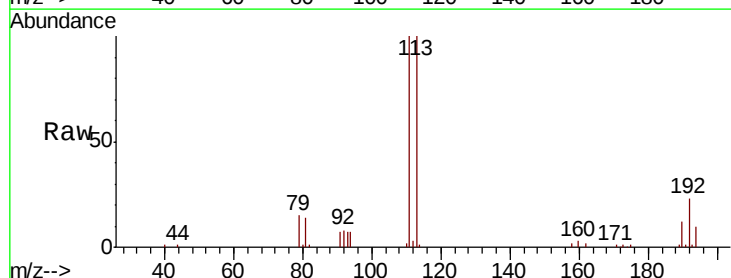


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VN  
 Ion 87.90 (87.60 to 88.60): VN

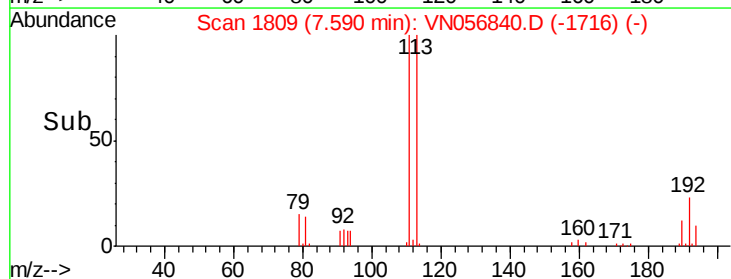
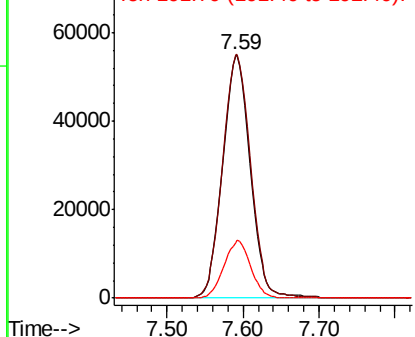


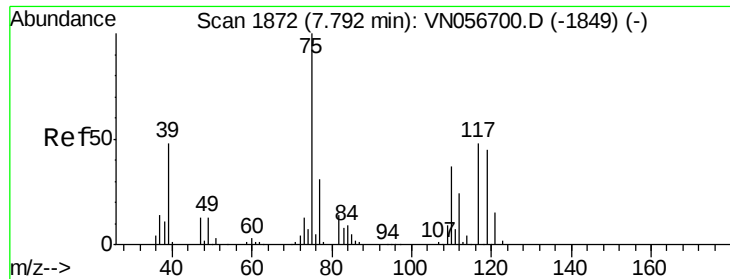
#35  
 Dibromofluoromethane  
 Concen: 48.029 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. -0.00 min  
 Lab File: VN056840.D  
 Acq: 19 Jul 2019 18:24

Tgt Ion:113 Resp: 139585  
 Ion Ratio Lower Upper  
 113 100  
 111 101.6 81.8 122.6  
 192 22.9 17.5 26.3



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

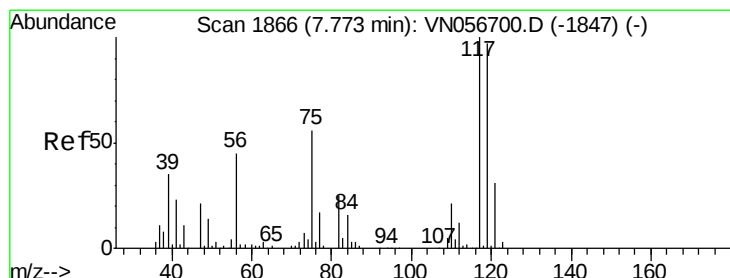
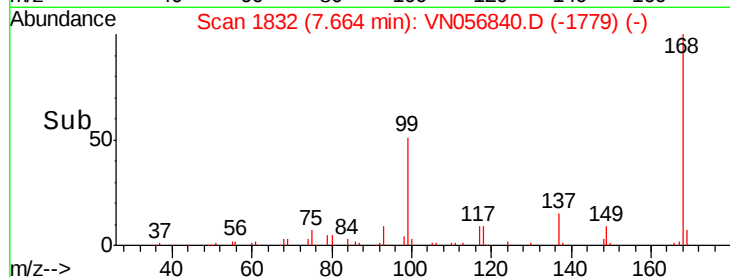
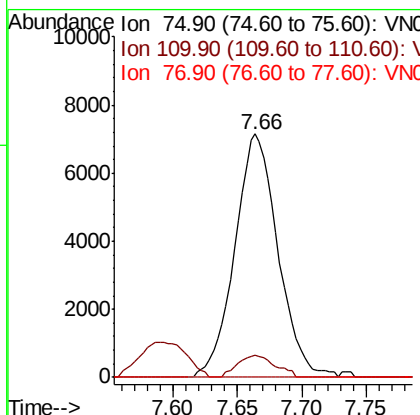
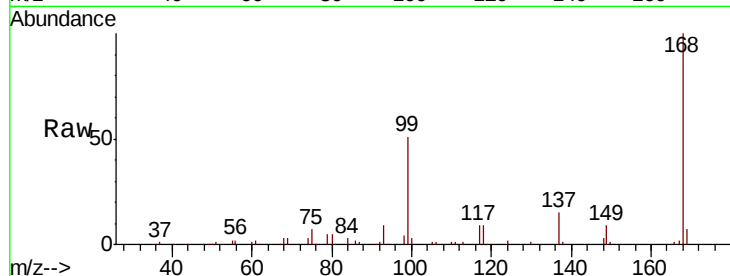




#36  
 1,1-Dichloropropene  
 Concen: 3.848 ug/l  
 RT: 7.66 min Scan# 1832  
 Delta R.T. -0.13 min  
 Lab File: VN056840.D  
 Acq: 19 Jul 2019 18:24

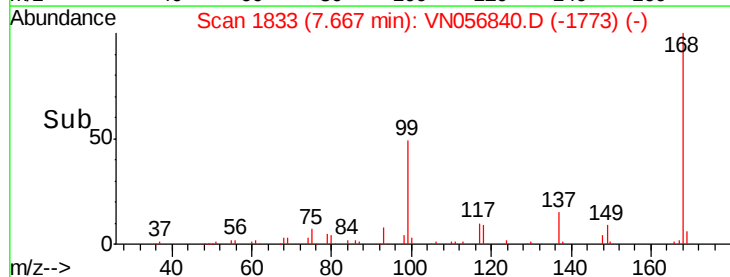
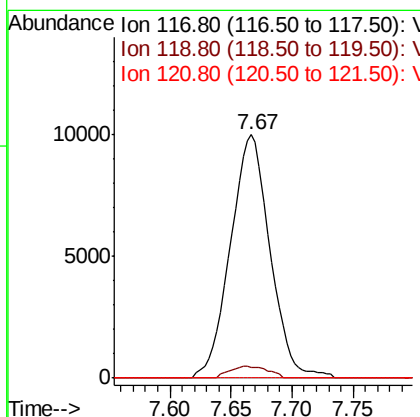
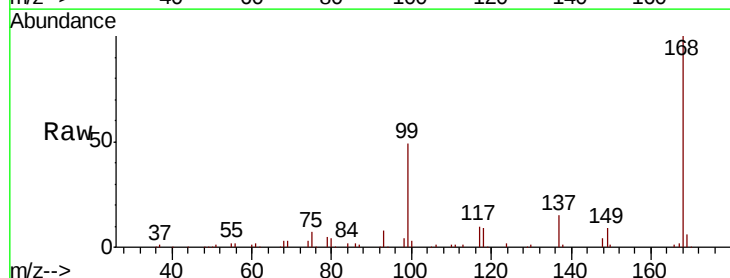
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-4

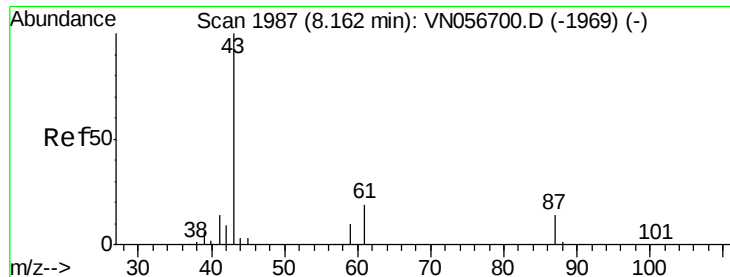
| Tot Ion   | 75  | Resp  | 16631 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 75        | 100 |       |       |
| 110       | 7.8 | 18.4  | 55.4# |
| 77        | 0.0 | 24.6  | 36.8# |



#38  
 Carbon Tetrachloride  
 Concen: 5.555 ug/l  
 RT: 7.67 min Scan# 1833  
 Delta R.T. -0.11 min  
 Lab File: VN056840.D  
 Acq: 19 Jul 2019 18:24

| Tgt Ion                                              | 117 | Resp  | 22511  |
|------------------------------------------------------|-----|-------|--------|
| Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td> | 100 | Lower | Upper  |
| 117                                                  | 100 |       |        |
| 119                                                  | 4.4 | 77.5  | 116.3# |
| 121                                                  | 0.0 | 24.7  | 37.1#  |





#43

Isopropyl Acetate

Concen: 2.579 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN056840.D

Acq: 19 Jul 2019 18:24

Instrument :

MSVOA\_N

ClientSampleId :

TP-4

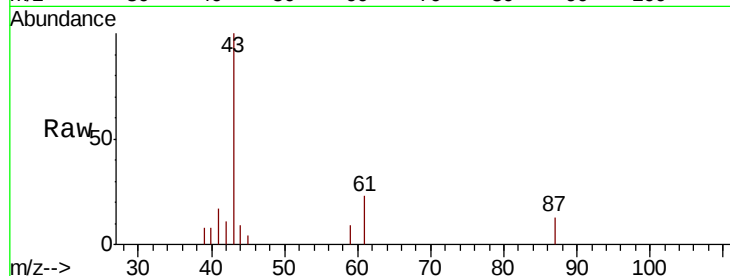
Tot Ion: 43 Resp: 17267

Ion Ratio Lower Upper

43 100

61 18.4 22.3 33.5#

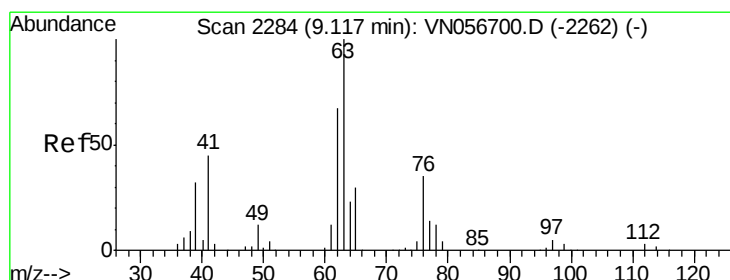
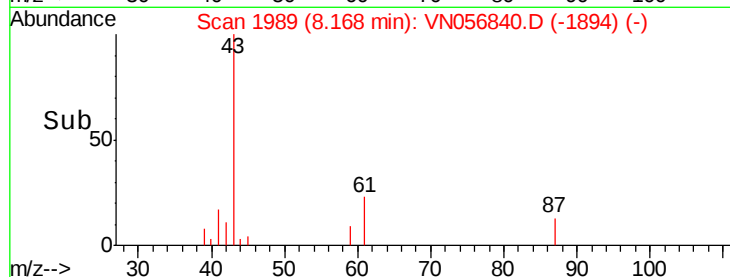
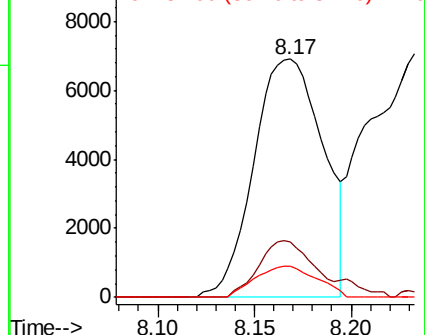
87 11.5 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.386 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN056840.D

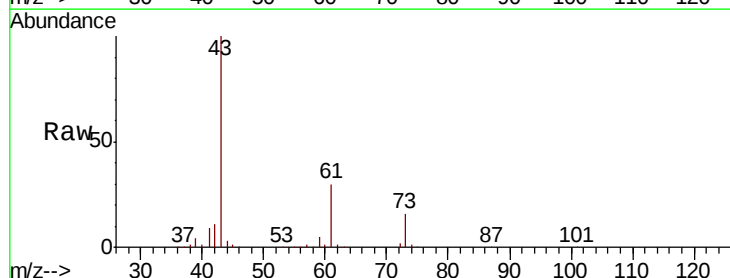
Acq: 19 Jul 2019 18:24

Tgt Ion: 63 Resp: 1359

Ion Ratio Lower Upper

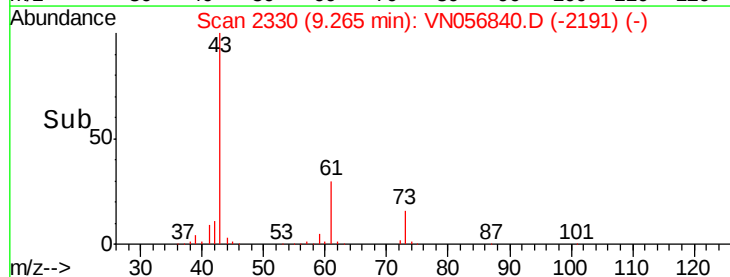
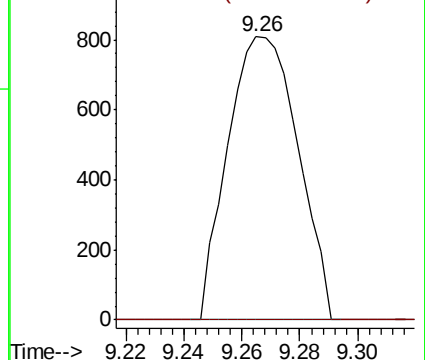
63 100

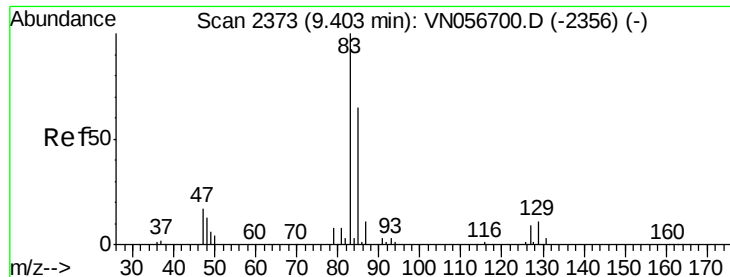
65 0.0 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#47

Bromodichloromethane

Concen: 0.495 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056840.D

Acq: 19 Jul 2019 18:24

Instrument :

MSVOA\_N

ClientSampled :

TP-4

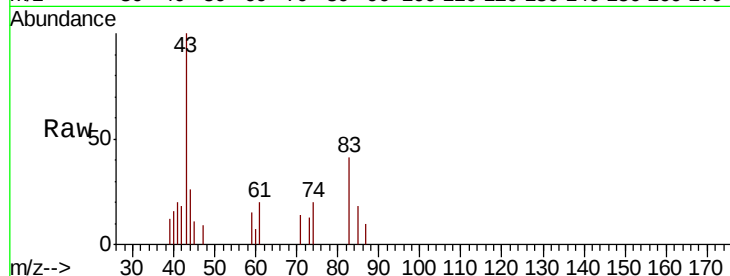
Tot Ion: 83 Resp: 2053

Ion Ratio Lower Upper

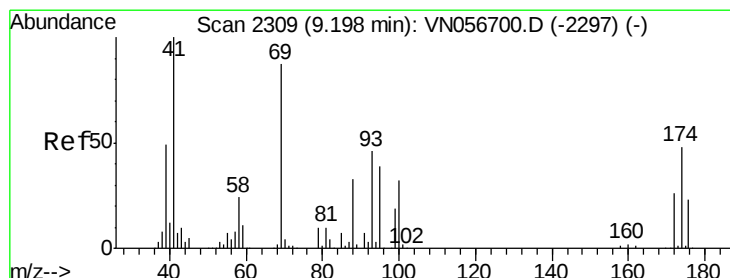
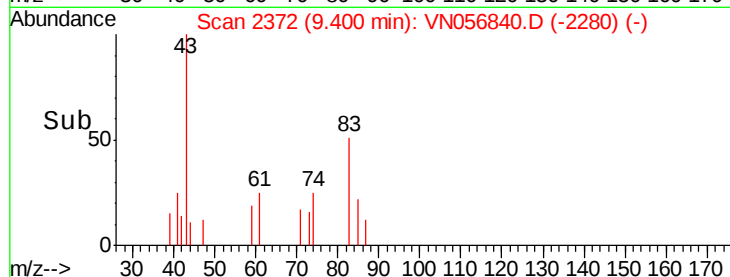
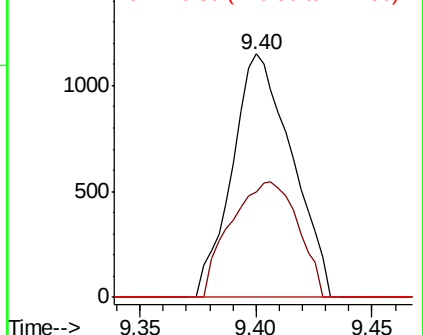
83 100

85 43.5 52.3 78.5#

127 0.0 7.6 11.4#



Abundance Ion 82.90 (82.60 to 83.60): VNO  
Ion 84.90 (84.60 to 85.60): VNO  
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 2.479 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN056840.D

Acq: 19 Jul 2019 18:24

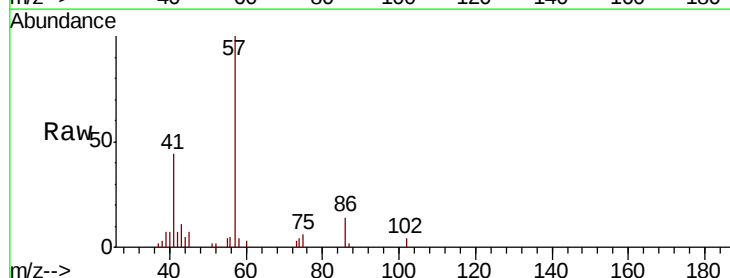
Tgt Ion: 41 Resp: 8027

Ion Ratio Lower Upper

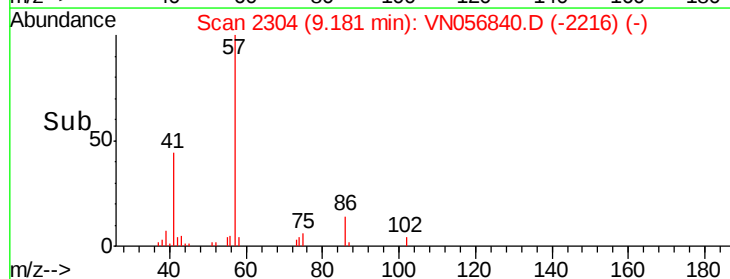
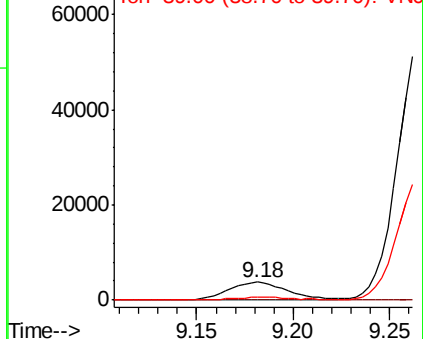
41 100

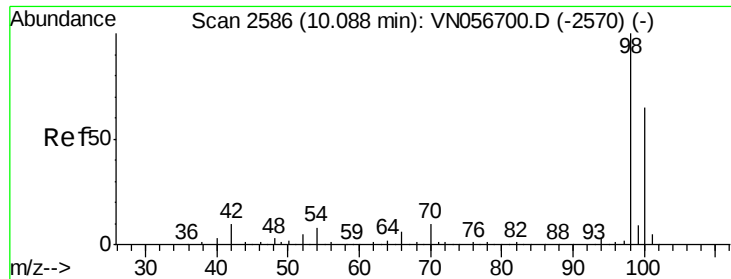
69 0.0 71.4 107.0#

39 0.0 41.2 61.8#



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





#50

Toluene-d8

Concen: 53.729 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056840.D

Acq: 19 Jul 2019 18:24

Instrument :

MSVOA\_N

ClientSampled :

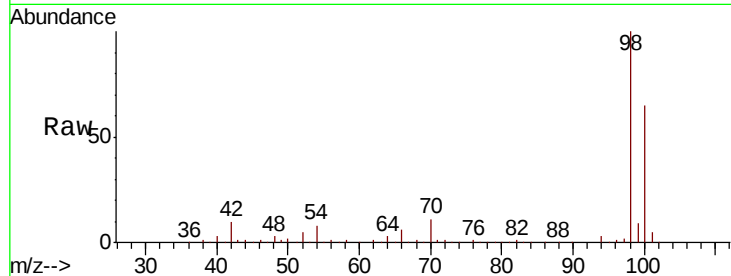
TP-4

Tot Ion: 98 Resp: 603089

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056700.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056700.D (-2570) (-)

10.09

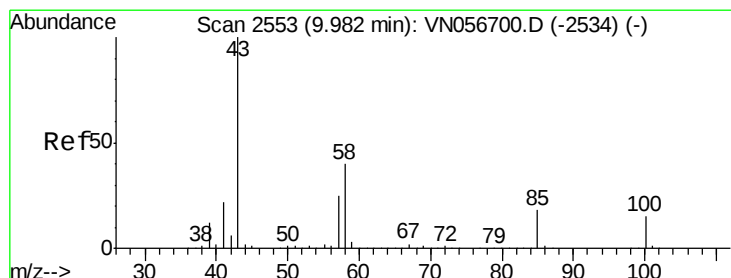
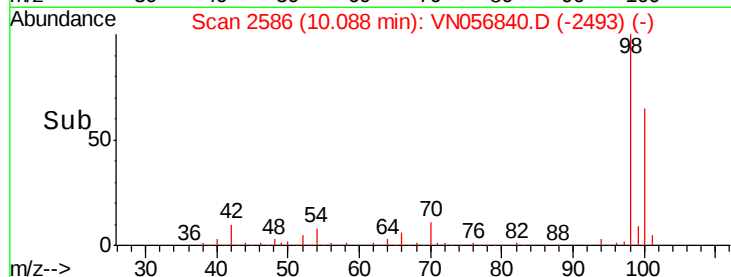
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.950 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056840.D

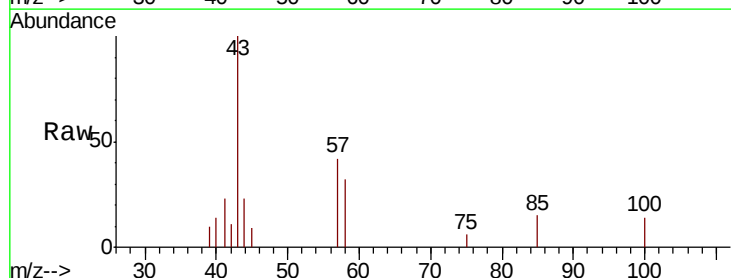
Acq: 19 Jul 2019 18:24

Tgt Ion: 43 Resp: 4122

Ion Ratio Lower Upper

43 100

58 34.5 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN056700.D (-2534) (-)

9.98

4000

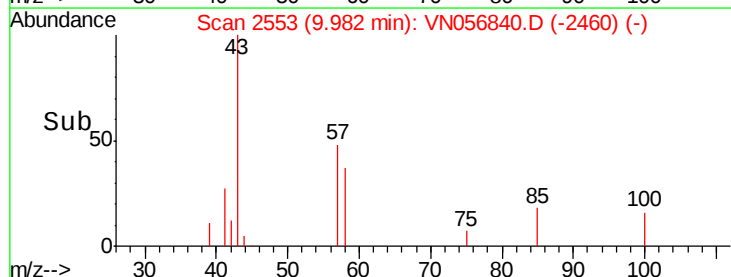
3000

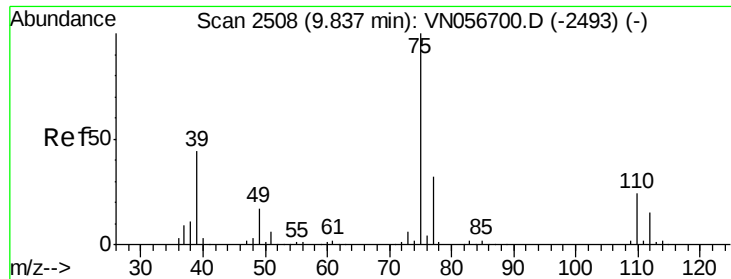
2000

1000

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 8.700 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056840.D

Acq: 19 Jul 2019 18:24

Instrument :

MSVOA\_N

ClientSampled :

TP-4

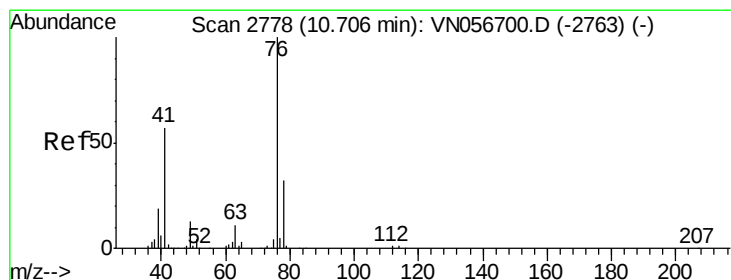
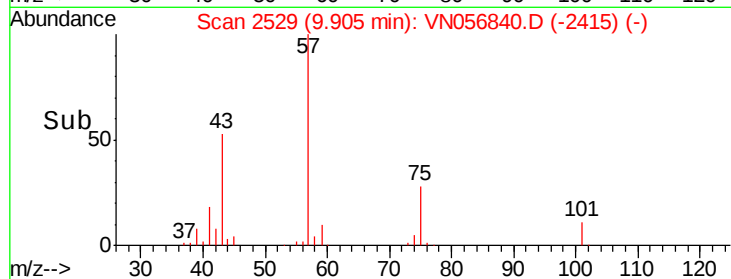
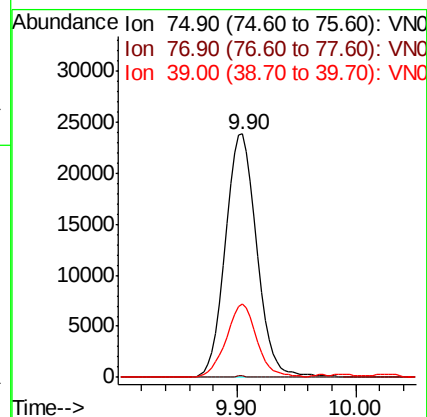
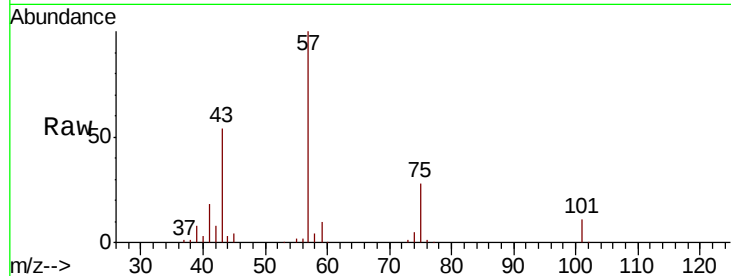
Tot Ion: 75 Resp: 43642

Ion Ratio Lower Upper

75 100

77 0.7 26.0 39.0#

39 30.2 35.1 52.7#



#57

1,3-Dichloropropane

Concen: 1.835 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056840.D

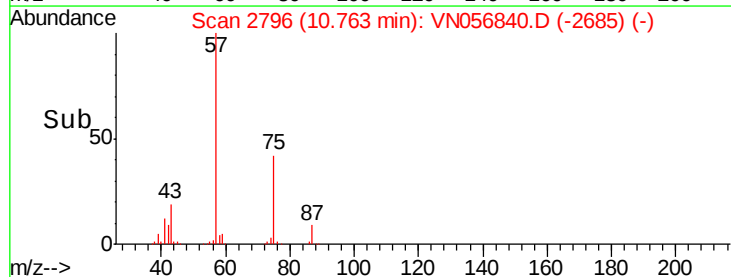
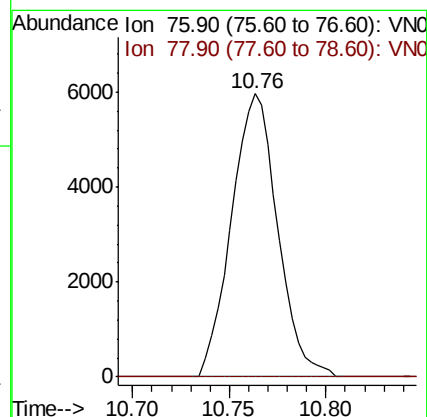
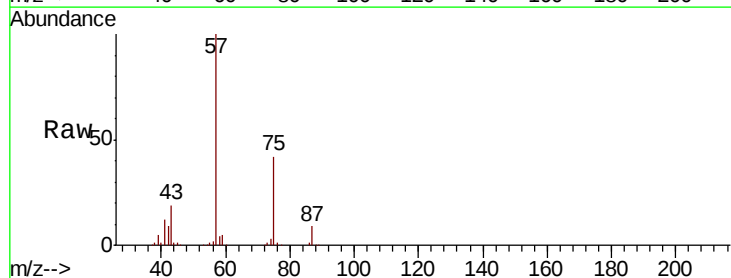
Acq: 19 Jul 2019 18:24

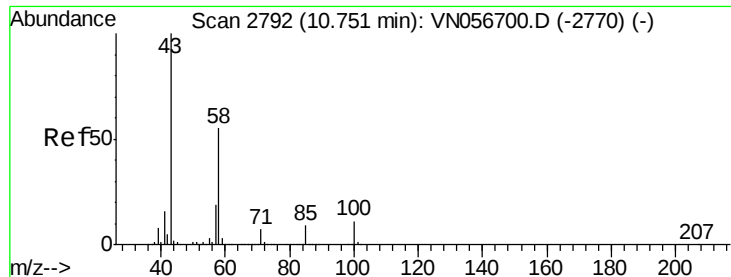
Tgt Ion: 76 Resp: 9887

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#

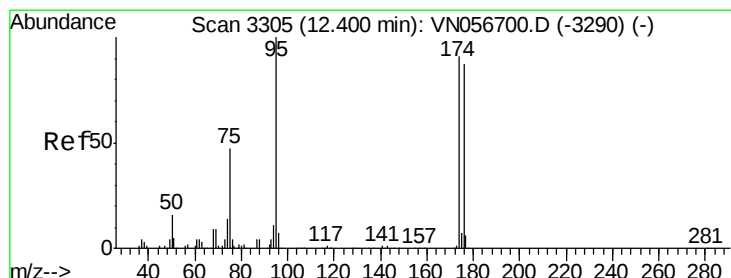
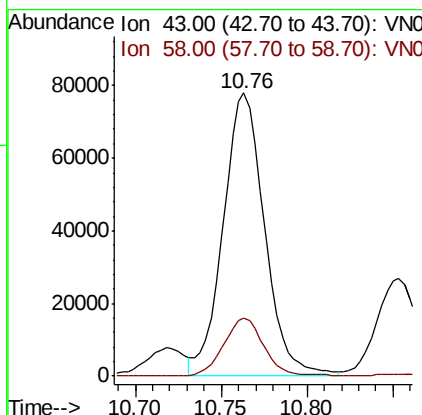
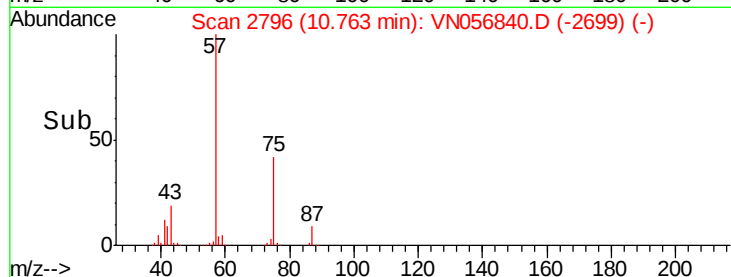
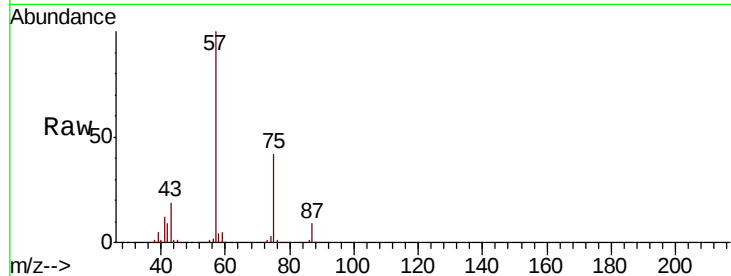




#59  
2-Hexanone  
Concen: 41.829 ug/l  
RT: 10.76 min Scan# 2796  
Delta R.T. 0.01 min  
Lab File: VN056840.D  
Acq: 19 Jul 2019 18:24

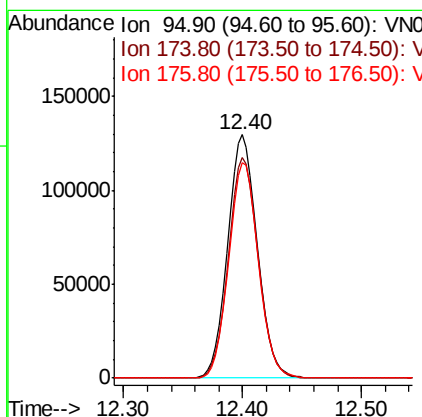
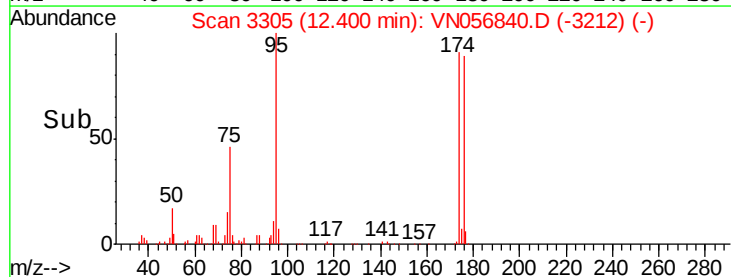
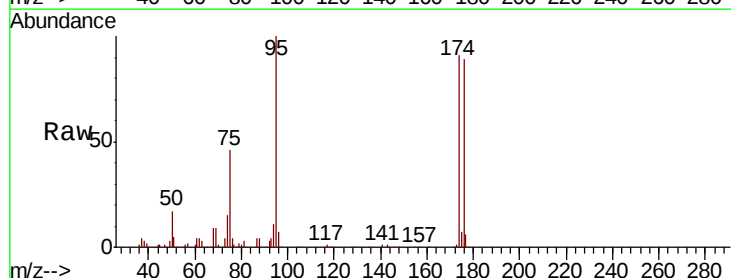
Instrument :  
MSVOA\_N  
ClientSampled :  
TP-4

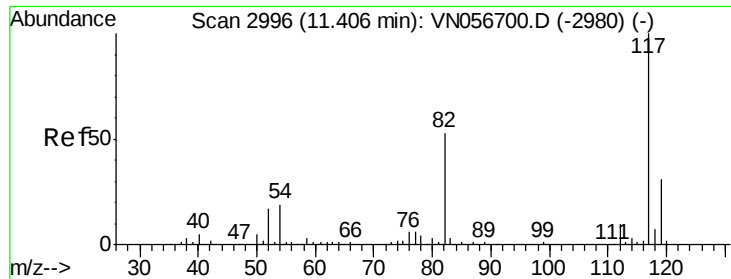
Tot Ion: 43 Resp: 130163  
Ion Ratio Lower Upper  
43 100  
58 20.2 27.9 83.6#



#62  
4-Bromofluorobenzene  
Concen: 58.953 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. -0.00 min  
Lab File: VN056840.D  
Acq: 19 Jul 2019 18:24

Tgt Ion: 95 Resp: 223159  
Ion Ratio Lower Upper  
95 100  
174 91.3 0.0 180.0  
176 88.9 0.0 173.2

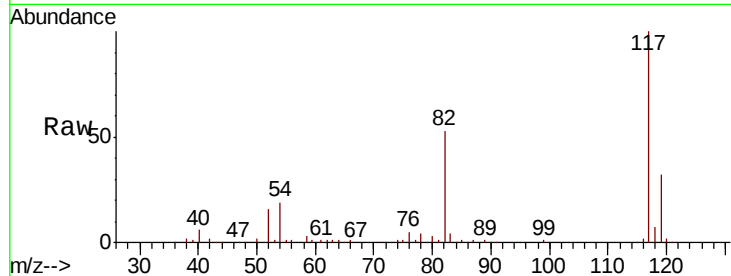




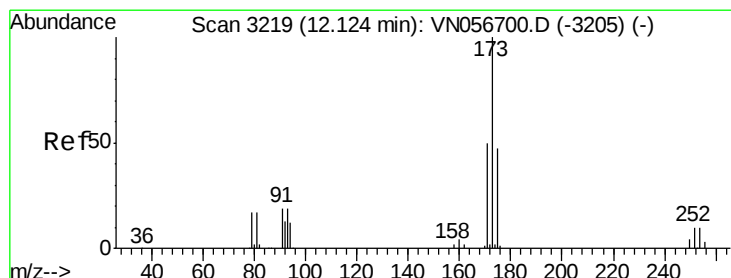
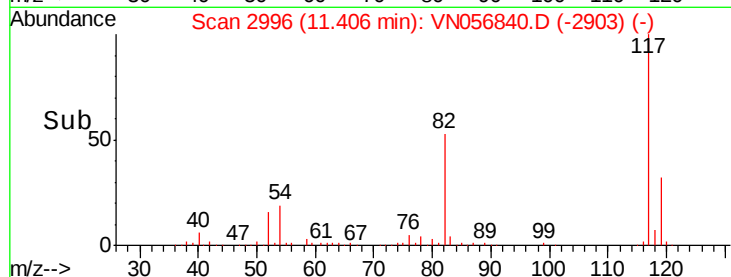
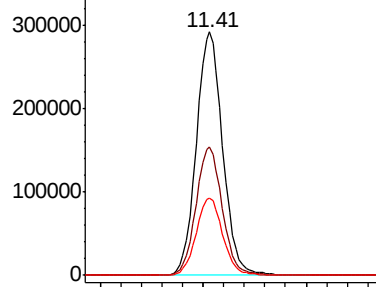
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN056840.D  
Acq: 19 Jul 2019 18:24

Instrument :  
MSVOA\_N  
ClientSampled :  
TP-4

Tot Ion:117 Resp: 518669  
Ion Ratio Lower Upper  
117 100  
82 52.7 42.2 63.2  
119 31.9 25.2 37.8

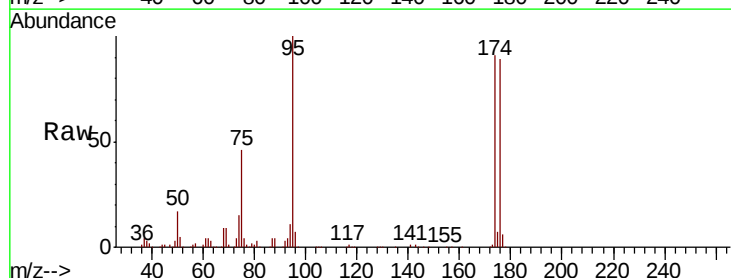


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VN  
Ion 118.90 (118.60 to 119.60): V

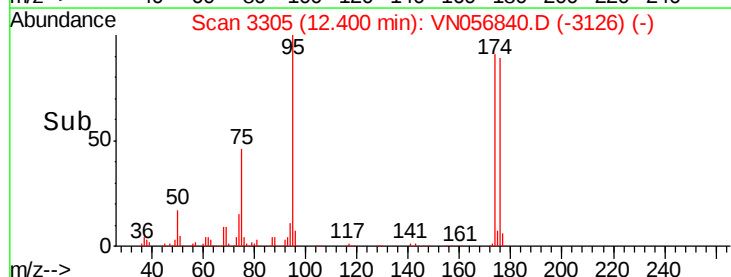
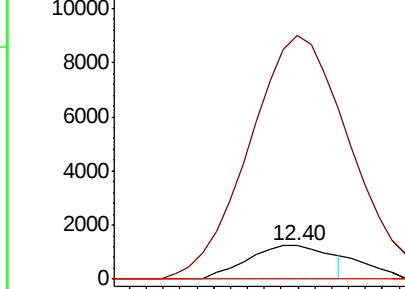


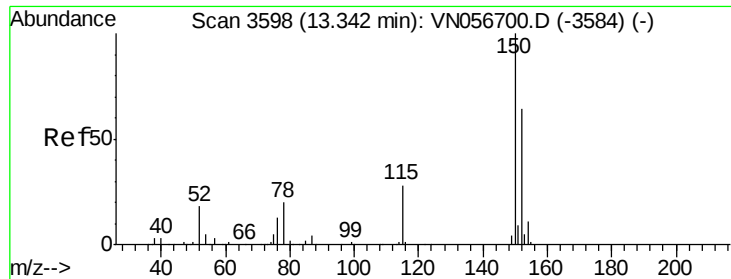
#71  
Bromoform  
Concen: 0.568 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.28 min  
Lab File: VN056840.D  
Acq: 19 Jul 2019 18:24

Tgt Ion:173 Resp: 1687  
Ion Ratio Lower Upper  
173 100  
175 728.6 23.8 71.4#  
254 0.0 0.0 0.0



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056840.D

Acq: 19 Jul 2019 18:24

Instrument :

MSVOA\_N

ClientSampled :

TP-4

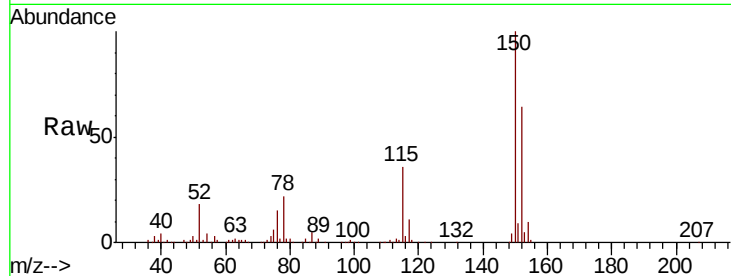
Tot Ion:152 Resp: 188921

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

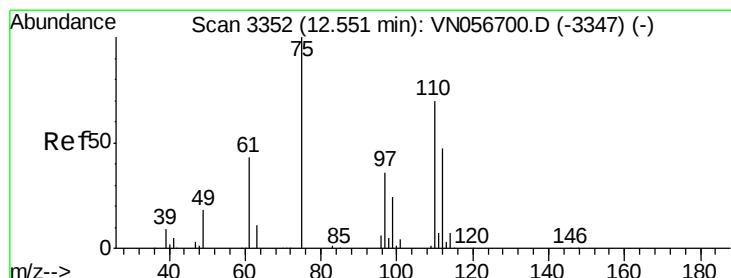
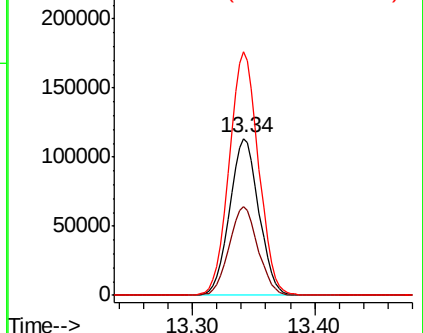
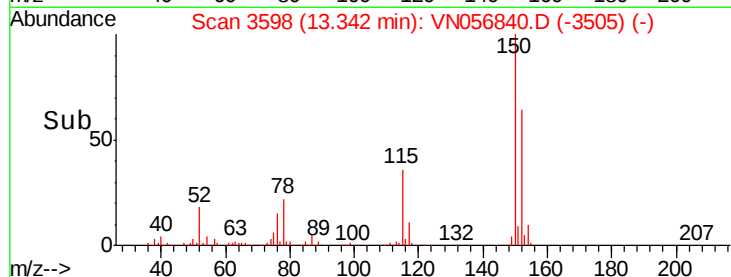
150 155.7 0.0 345.8



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



#76

1,2,3-Trichloropropane

Concen: 24.857 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056840.D

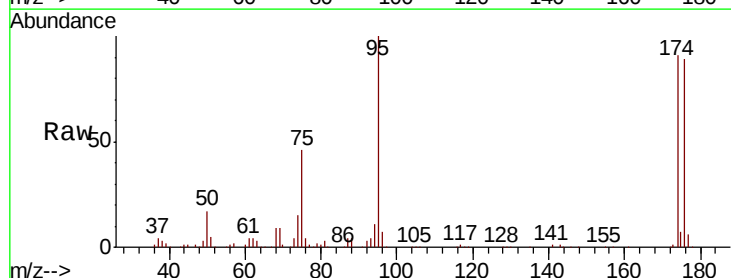
Acq: 19 Jul 2019 18:24

Tgt Ion: 75 Resp: 102709

Ion Ratio Lower Upper

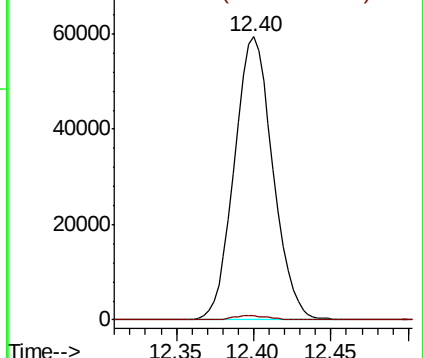
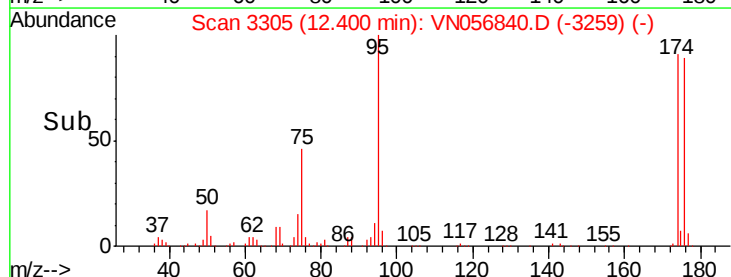
75 100

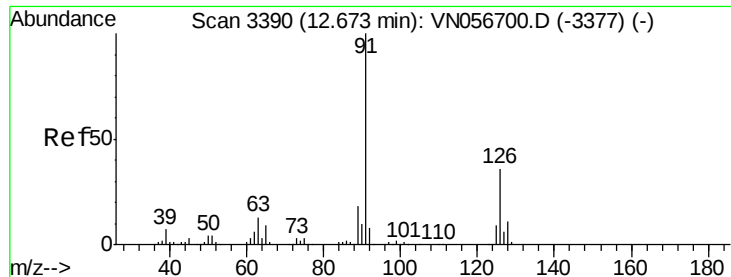
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

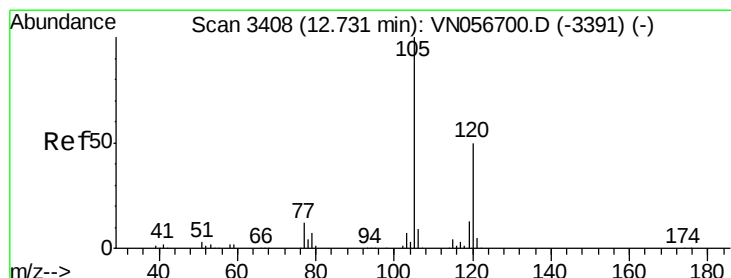
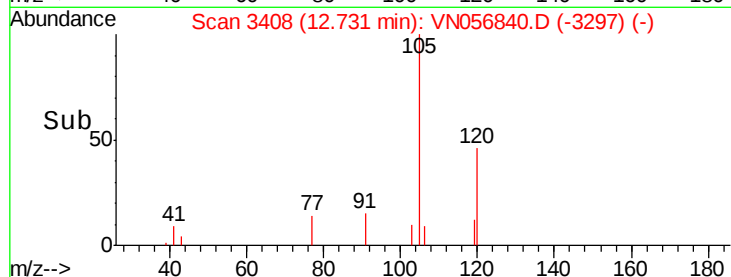
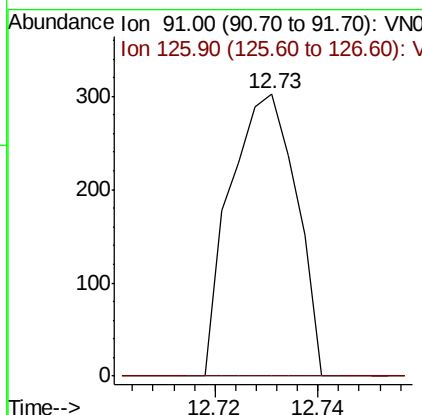
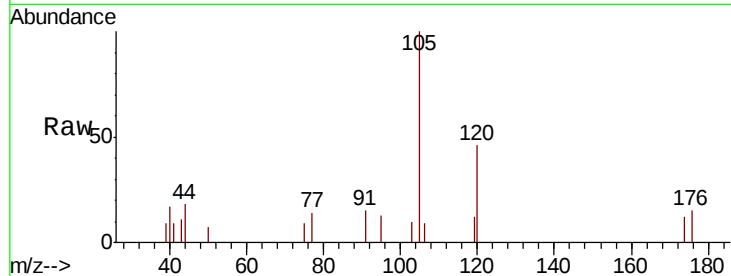




#79  
 2-Chlorotoluene  
 Concen: Below Cal  
 RT: 12.73 min Scan# 3408  
 Delta R.T. 0.06 min  
 Lab File: VN056840.D  
 Acq: 19 Jul 2019 18:24

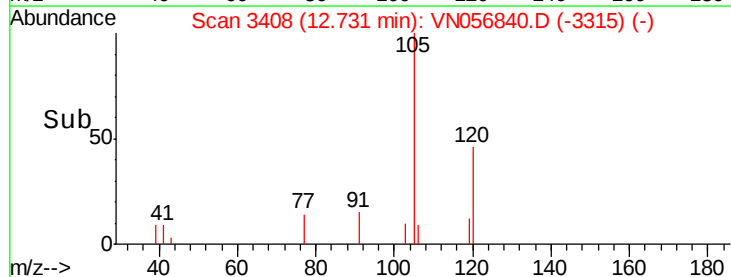
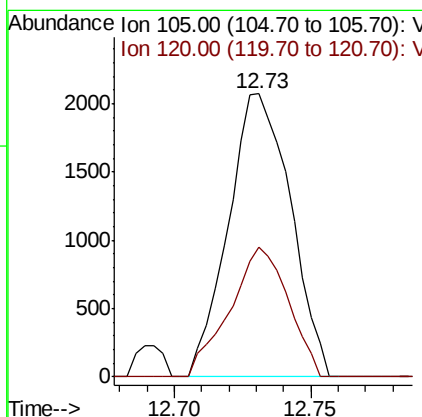
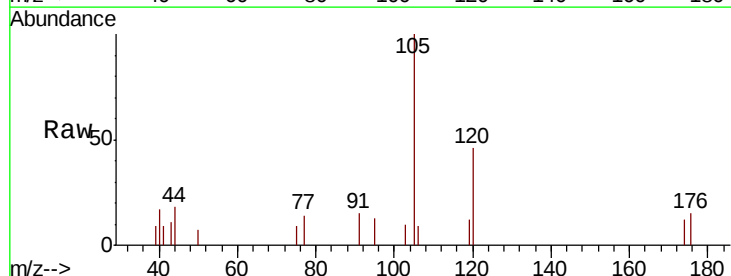
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 TP-4

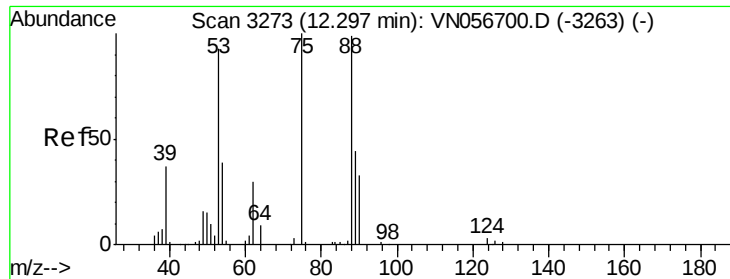
Tot Ion: 91 Resp: 267  
 Ion Ratio Lower Upper  
 91 100  
 126 0.0 17.9 53.7#



#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.254 ug/l  
 RT: 12.73 min Scan# 3408  
 Delta R.T. -0.00 min  
 Lab File: VN056840.D  
 Acq: 19 Jul 2019 18:24

Tgt Ion: 105 Resp: 3283  
 Ion Ratio Lower Upper  
 105 100  
 120 43.0 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 76.767 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056840.D

Acq: 19 Jul 2019 18:24

Instrument :

MSVOA\_N

ClientSampleId :

TP-4

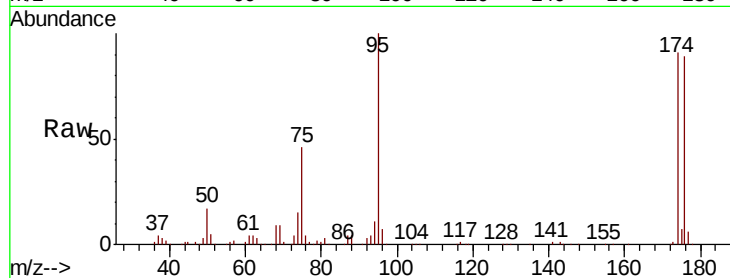
Tot Ion: 75 Resp: 102709

Ion Ratio Lower Upper

75 100

53 0.0 73.7 110.5#

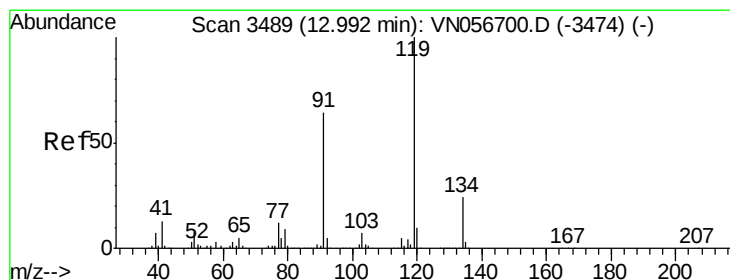
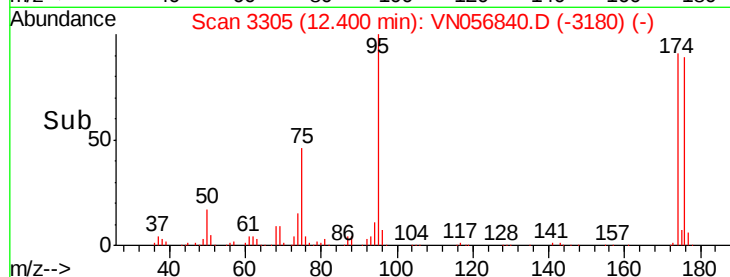
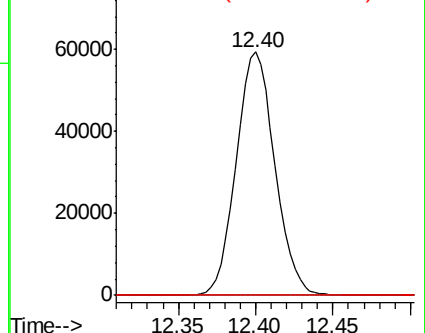
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN056840.D (-3180) (-)

Ion 53.00 (52.70 to 53.70): VN056840.D (-3180) (-)

Ion 88.90 (88.60 to 89.60): VN056840.D (-3180) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. -0.26 min

Lab File: VN056840.D

Acq: 19 Jul 2019 18:24

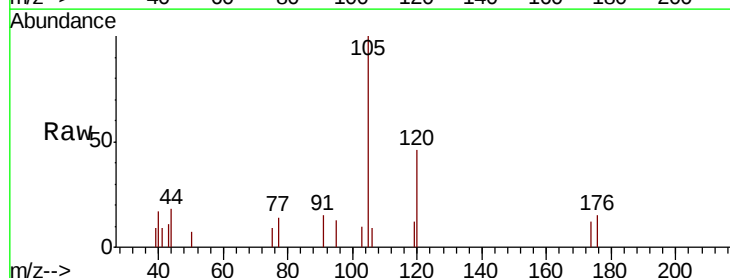
Tgt Ion: 119 Resp: 193

Ion Ratio Lower Upper

119 100

91 138.3 31.8 95.4#

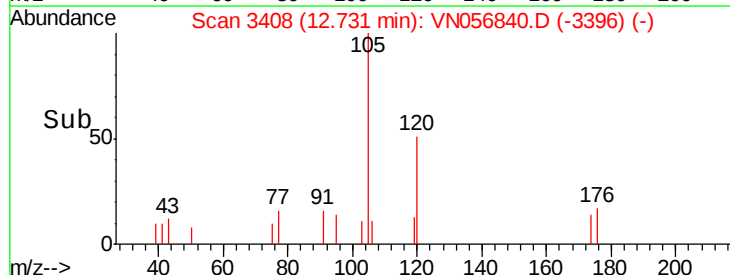
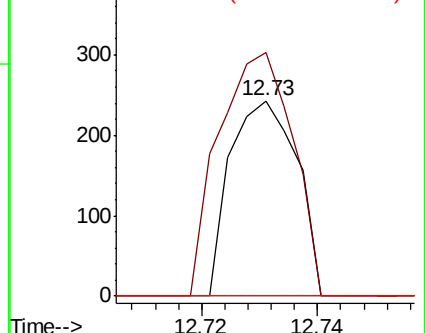
134 0.0 13.0 38.9#

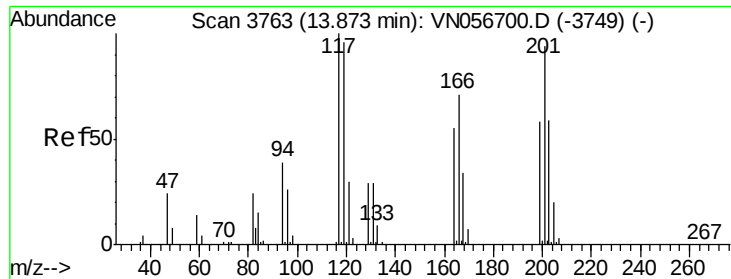


Abundance Ion 119.00 (118.70 to 119.70): VN056840.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN056840.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN056840.D (-3396) (-)





#90

Hexachloroethane

Concen: 0.233 ug/l

RT: 14.00 min Scan# 3802

Delta R.T. 0.13 min

Lab File: VN056840.D

Acq: 19 Jul 2019 18:24

Instrument :

MSVOA\_N

ClientSampled :

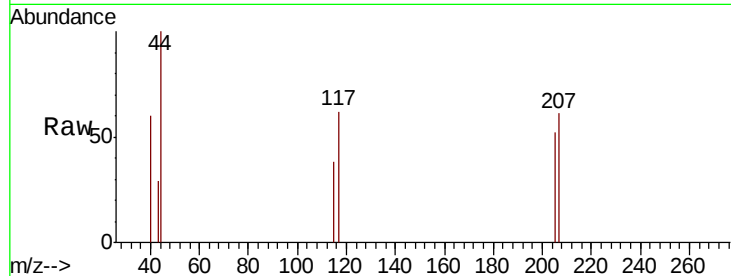
TP-4

Tot Ion:117 Resp: 490

Ion Ratio Lower Upper

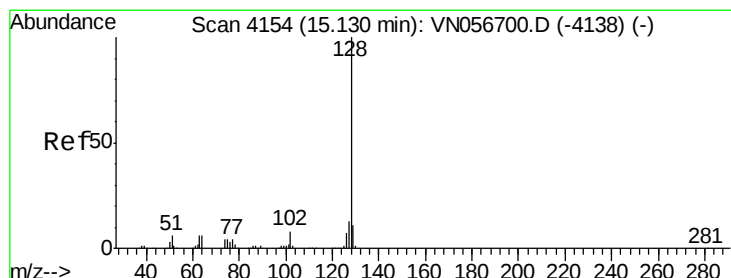
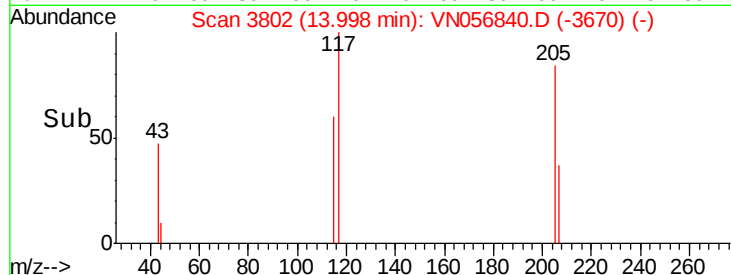
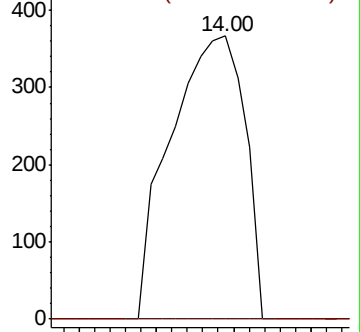
117 100

201 0.0 46.5 139.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 4.802 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056840.D

Acq: 19 Jul 2019 18:24

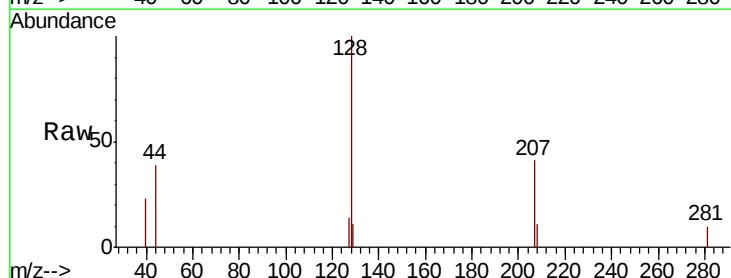
Tgt Ion:128 Resp: 3079

Ion Ratio Lower Upper

128 100

127 8.9 10.3 15.5#

129 10.3 8.7 13.1



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

