

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\  
 Data File : VN053485.D  
 Acq On : 18 Jan 2019 21:04  
 Operator : JC/SP  
 Sample : K1173-08  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 28 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RT-3425

Quant Time: Jan 19 00:25:57 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011519W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 16 03:10:53 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 885694   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1400939  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1341699  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 610232   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 458983   | 52.43 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.86% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 408828   | 51.13 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.26% |      |
| 50) Toluene-d8            | 10.09  | 98  | 1740120  | 51.46 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.92% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 616945   | 52.03 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.06% |      |

## Target Compounds

|                                |       |     |        |        | Qvalue |     |
|--------------------------------|-------|-----|--------|--------|--------|-----|
| 13) Acrolein                   | 3.62  | 56  | 29     | 22.769 | ug/l # | 14  |
| 14) Allyl chloride             | 4.55  | 41  | 5324   | 0.416  | ug/l # | 27  |
| 16) Acetone                    | 3.82  | 43  | 11230  | 5.468  | ug/l   | 99  |
| 18) Methyl Acetate             | 4.34  | 43  | 3155   | 0.456  | ug/l # | 75  |
| 20) Methylene Chloride         | 4.56  | 84  | 127151 | 13.560 | ug/l   | 98  |
| 25) 2-Butanone                 | 6.85  | 43  | 1720   | 0.543  | ug/l # | 47  |
| 29) Tetrahydrofuran            | 7.21  | 42  | 479    | 0.232  | ug/l # | 43  |
| 31) Cyclohexane                | 7.67  | 56  | 13614  | 0.664  | ug/l # | 1   |
| 36) 1,1-Dichloropropene        | 7.67  | 75  | 56779  | 4.450  | ug/l # | 48  |
| 38) Carbon Tetrachloride       | 7.67  | 117 | 75724  | 6.269  | ug/l # | 16  |
| 41) Methacrylonitrile          | 7.19  | 41  | 96     | 0.689  | ug/l # | 35  |
| 43) Isopropyl Acetate          | 8.17  | 43  | 41320  | 3.131  | ug/l # | 82  |
| 45) 1,2-Dichloropropane        | 9.27  | 63  | 2537   | 0.247  | ug/l # | 43  |
| 48) Methyl methacrylate        | 9.18  | 41  | 13040  | 1.913  | ug/l # | 12  |
| 49) 1,4-Dioxane                | 9.27  | 88  | 157    | 2.359  | ug/l # | 1   |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43  | 5544   | 0.769  | ug/l   | 95  |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75  | 88864  | 6.028  | ug/l # | 61  |
| 56) Ethyl methacrylate         | 10.54 | 69  | 1005   | 2.140  | ug/l # | 1   |
| 57) 1,3-Dichloropropane        | 10.76 | 76  | 18789  | 1.309  | ug/l # | 43  |
| 59) 2-Hexanone                 | 10.77 | 43  | 247201 | 48.874 | ug/l # | 49  |
| 67) Ethyl Benzene              | 11.51 | 91  | 20071  | 0.415  | ug/l   | 97  |
| 68) m/p-Xylenes                | 11.62 | 106 | 38682  | 2.117  | ug/l   | 100 |
| 69) o-Xylene                   | 11.95 | 106 | 15203  | 0.856  | ug/l   | 99  |
| 71) Bromoform                  | 12.40 | 173 | 3946   | 0.580  | ug/l # | 1   |
| 74) N-ethyl acetate            | 11.88 | 43  | 27140  | 2.278  | ug/l # | 51  |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75  | 282276 | 35.102 | ug/l # | 100 |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105 | 16599  | 0.457  | ug/l   | 95  |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75  | 282276 | 86.866 | ug/l # | 15  |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105 | 37240  | 1.016  | ug/l   | 97  |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180 | 1298   | 2.912  | ug/l   | 90  |
| 95) Naphthalene                | 15.14 | 128 | 15578  | 4.912  | ug/l   | 98  |
| 96) 1,2,3-Trichlorobenzene     | 15.31 | 180 | 1459   | 4.123  | ug/l   | 63  |

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Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 28 Sample Multiplier: 28

Instrument :  
MSVOA\_N  
ClientSampleId :  
RT-3425

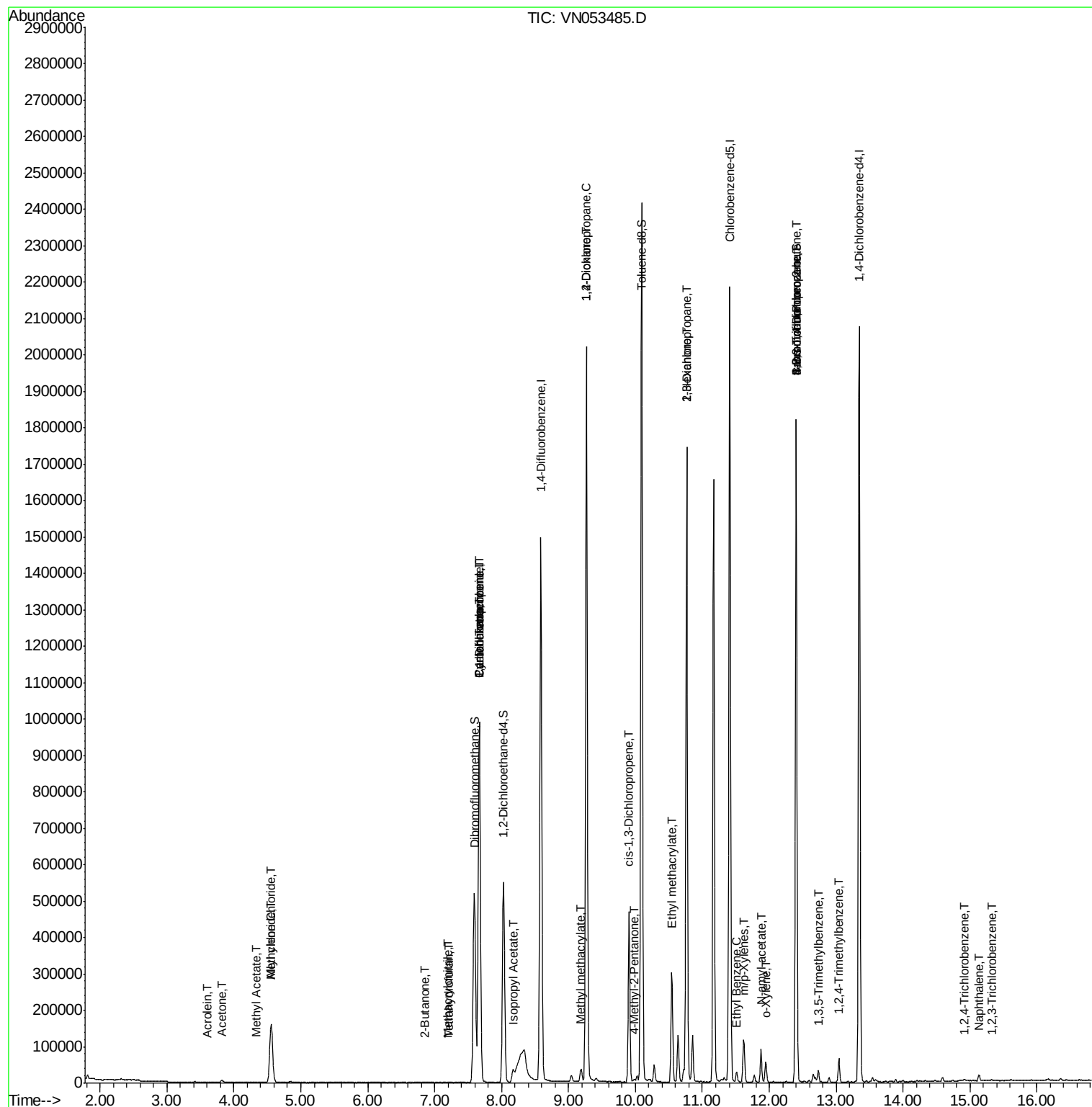
Quant Time: Jan 19 00:25:57 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011519W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 16 03:10:53 2019  
Response via : Initial Calibration

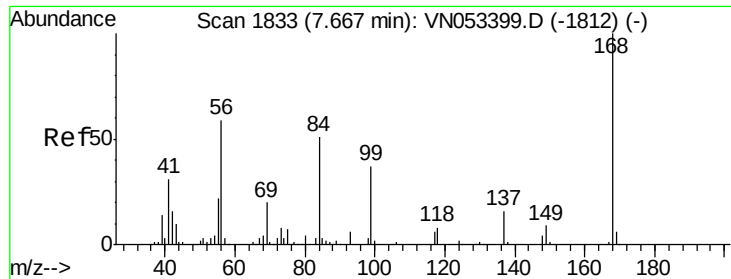
| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011819\  
Data File : VN053485.D  
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Operator : JC/SP  
Sample : K1173-08  
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Quant Title : SW846 8260  
QLast Update : Wed Jan 16 03:10:53 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: VN053485.D

Acq: 18 Jan 2019 21:04

Instrument :

MSVOA\_N

ClientSampleId :

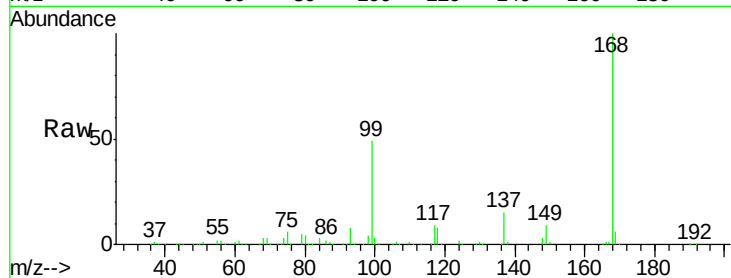
RT-3425

Tot Ion:168 Resp: 885694

Ion Ratio Lower Upper

168 100

99 49.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

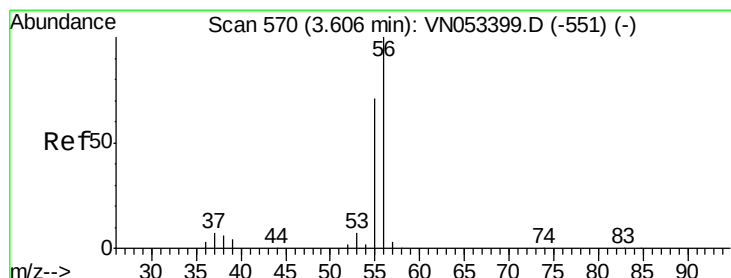
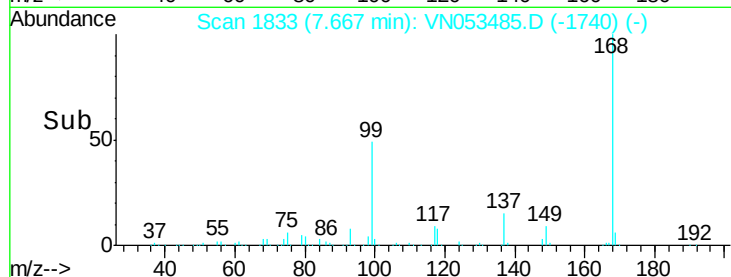
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#13

Acrolein

Concen: 22.769 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN053485.D

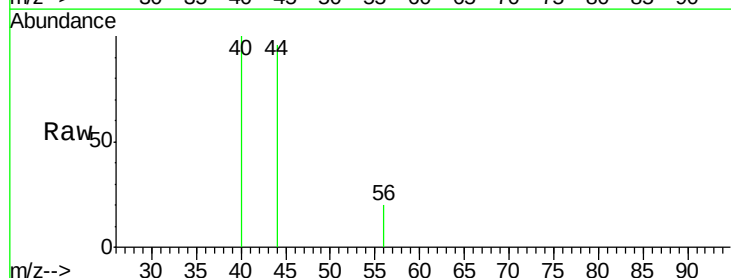
Acq: 18 Jan 2019 21:04

Tgt Ion: 56 Resp: 29

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.62

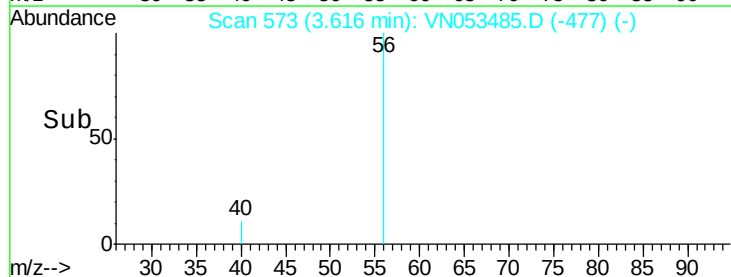
150

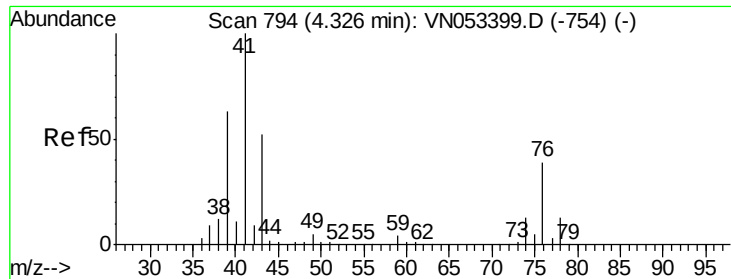
100

50

0

Time--> 3.61 3.62 3.63

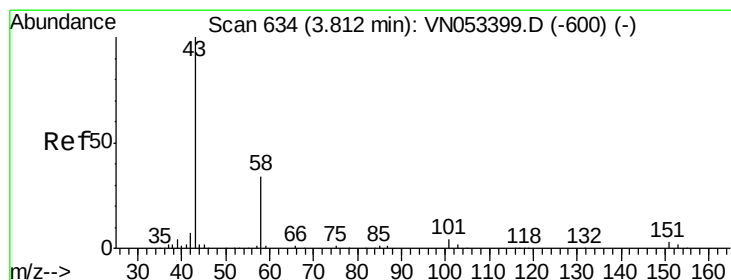
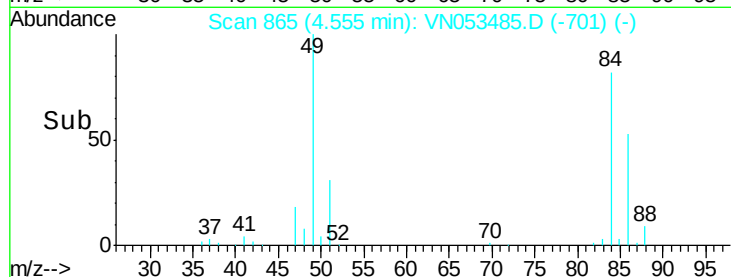
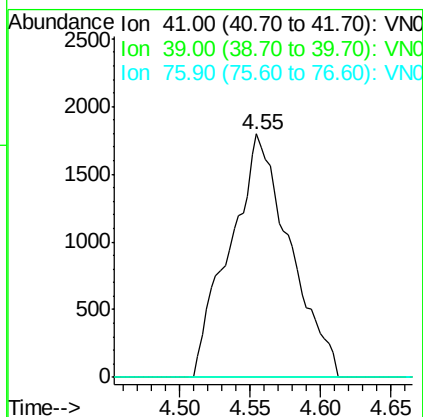
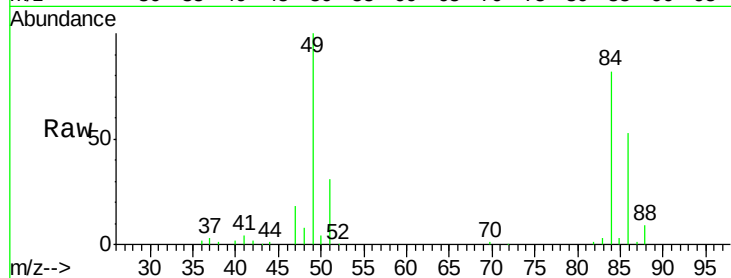




#14  
Allvl chloride  
Concen: 0.416 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. 0.23 min  
Lab File: VN053485.D  
Acq: 18 Jan 2019 21:04

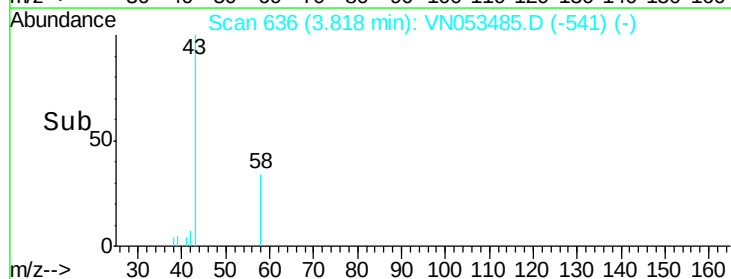
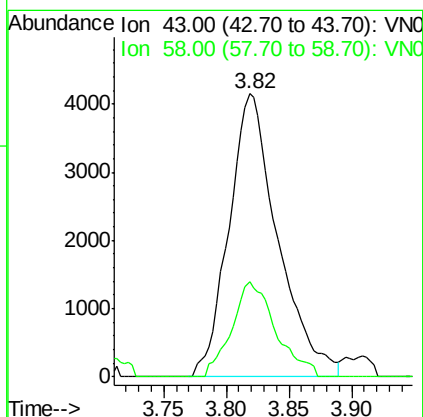
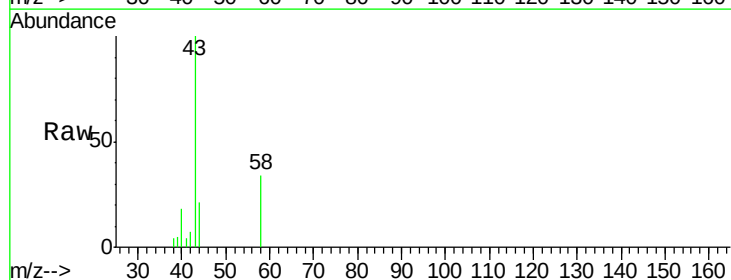
Instrument :  
MSVOA\_N  
ClientSampled :  
RT-3425

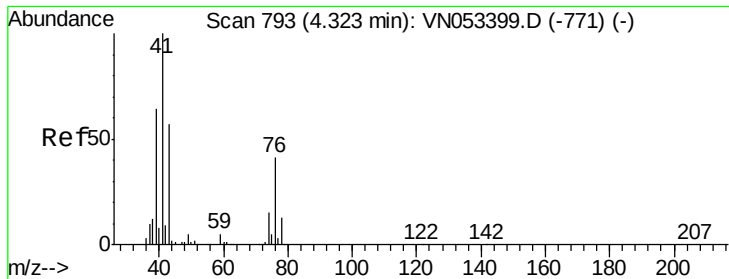
Tot Ion: 41 Resp: 5324  
Ion Ratio Lower Upper  
41 100  
39 0.0 48.9 73.3#  
76 0.0 29.4 44.2#



#16  
Acetone  
Concen: 5.468 ug/l  
RT: 3.82 min Scan# 636  
Delta R.T. 0.01 min  
Lab File: VN053485.D  
Acq: 18 Jan 2019 21:04

Tgt Ion: 43 Resp: 11230  
Ion Ratio Lower Upper  
43 100  
58 33.5 27.1 40.7

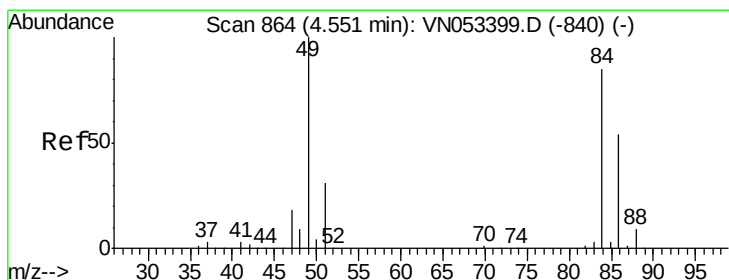
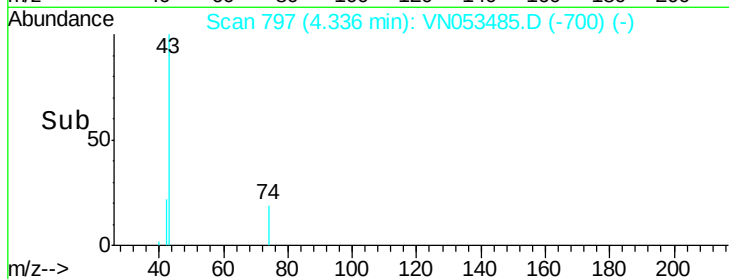
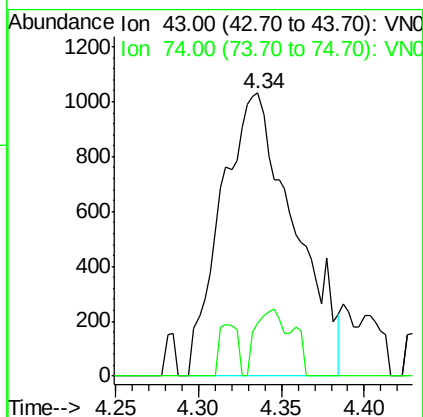
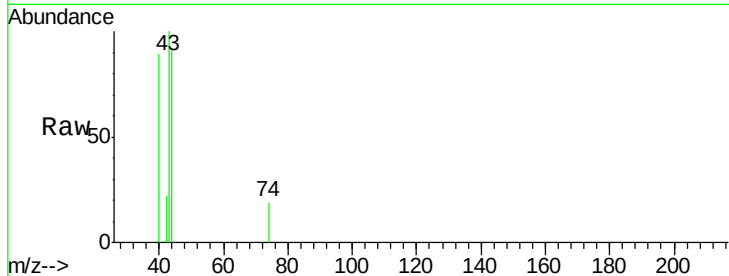




#18  
Methyl Acetate  
Concen: 0.456 ug/l  
RT: 4.34 min Scan# 797  
Delta R.T. 0.01 min  
Lab File: VN053485.D  
Acq: 18 Jan 2019 21:04

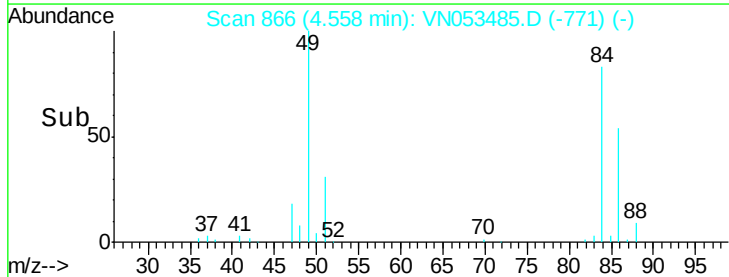
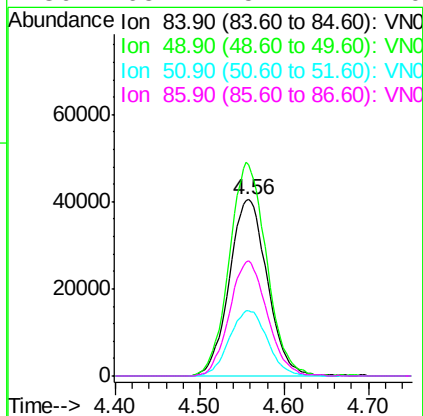
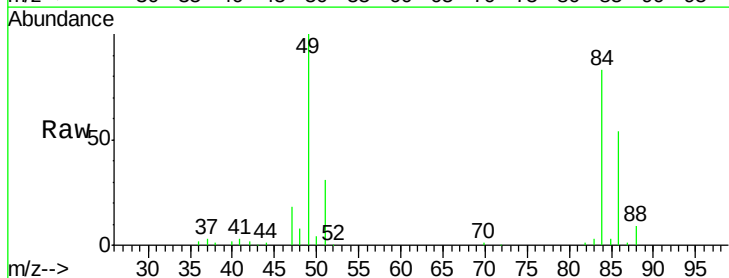
Instrument :  
MSVOA\_N  
ClientSampled :  
RT-3425

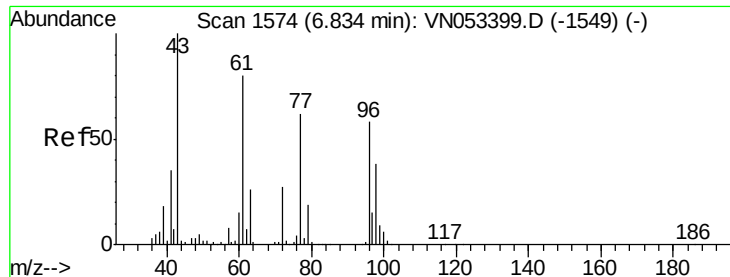
Tot Ion: 43 Resp: 3155  
Ion Ratio Lower Upper  
43 100  
74 11.7 19.4 29.2#



#20  
Methylene Chloride  
Concen: 13.560 ug/l  
RT: 4.56 min Scan# 866  
Delta R.T. 0.01 min  
Lab File: VN053485.D  
Acq: 18 Jan 2019 21:04

Tgt Ion: 84 Resp: 127151  
Ion Ratio Lower Upper  
84 100  
49 120.2 94.3 141.5  
51 36.7 29.4 44.2  
86 65.4 51.4 77.0





#25

2-Butanone

Concen: 0.543 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.02 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

Instrument :

MSVOA\_N

ClientSampled :

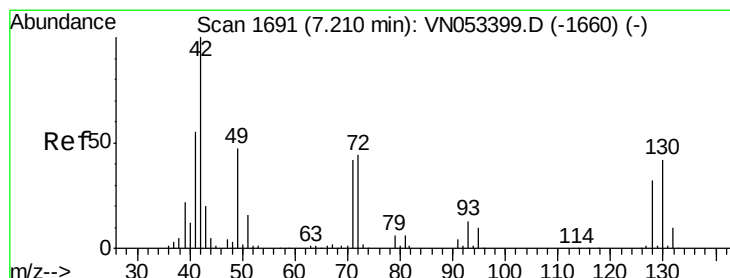
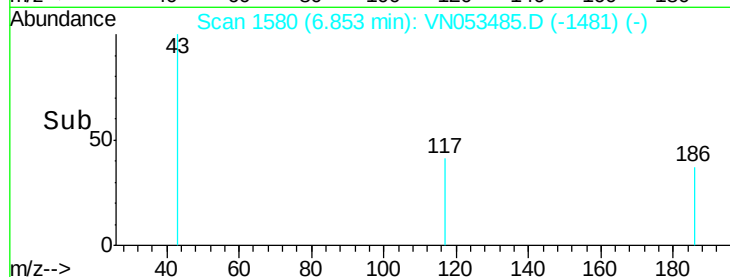
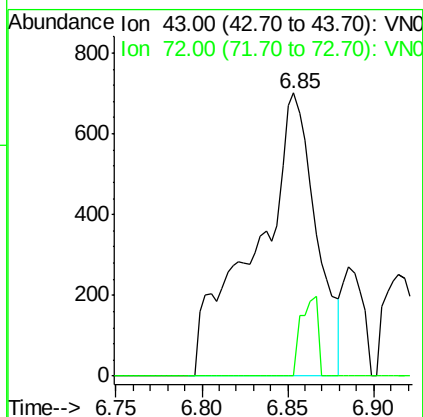
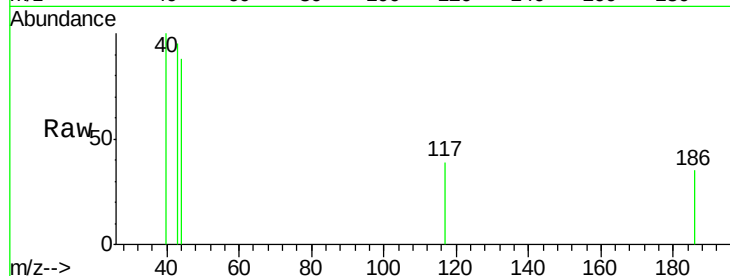
RT-3425

Tot Ion: 43 Resp: 1720

Ion Ratio Lower Upper

43 100

72 0.0 22.0 33.0#



#29

Tetrahydrofuran

Concen: 0.232 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

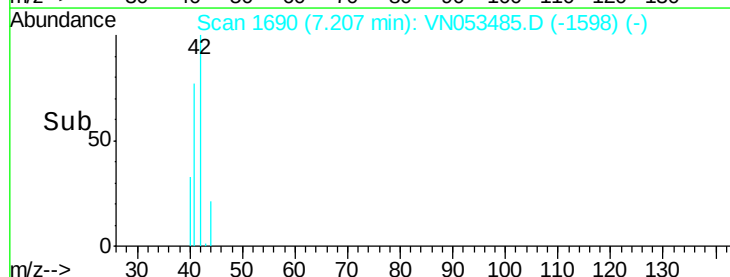
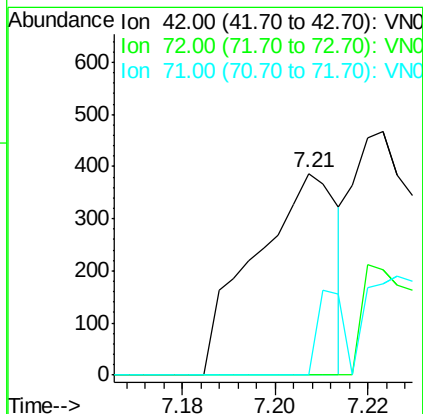
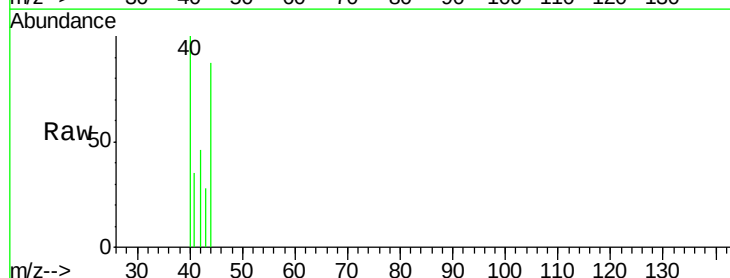
Tgt Ion: 42 Resp: 479

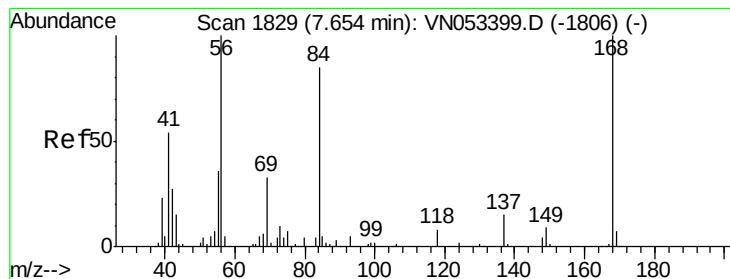
Ion Ratio Lower Upper

42 100

72 0.0 35.2 52.8#

71 12.7 33.0 49.4#





#31

Cyclohexane

Concen: 0.664 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

Instrument :

MSVOA\_N

ClientSampled :

RT-3425

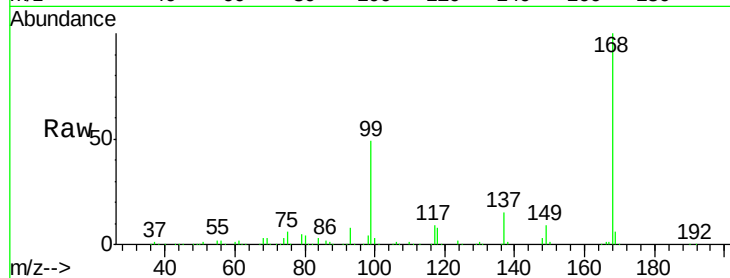
Tot Ion: 56 Resp: 13614

Ion Ratio Lower Upper

56 100

69 177.9 26.4 39.6#

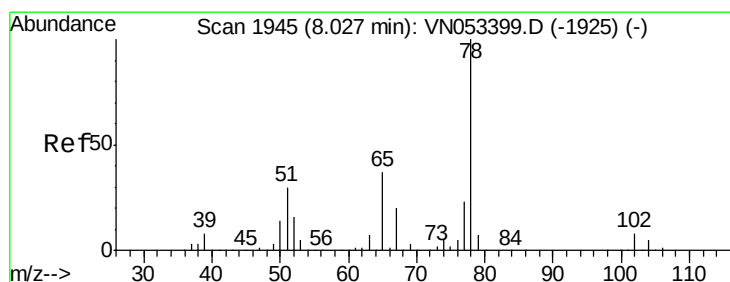
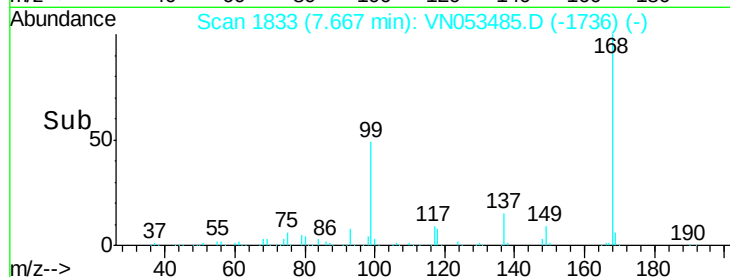
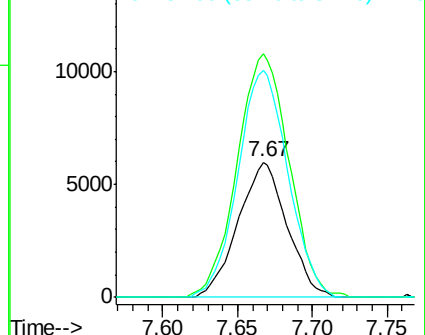
84 168.4 67.9 101.9#



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: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN053485.D

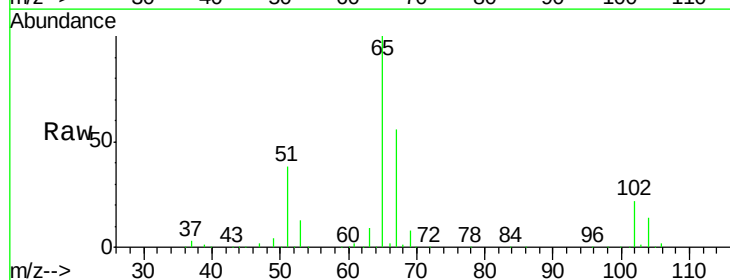
Acq: 18 Jan 2019 21:04

Tgt Ion: 65 Resp: 458983

Ion Ratio Lower Upper

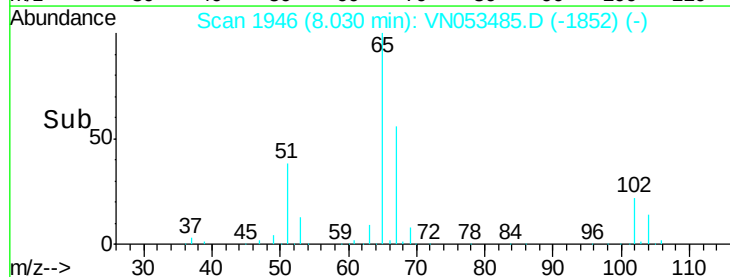
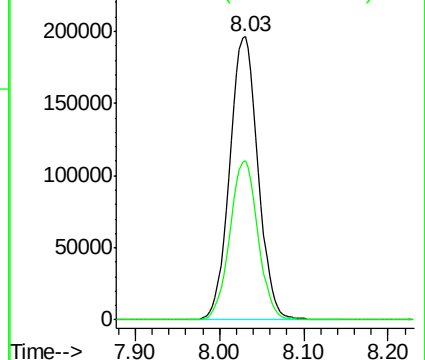
65 100

67 55.6 0.0 111.2

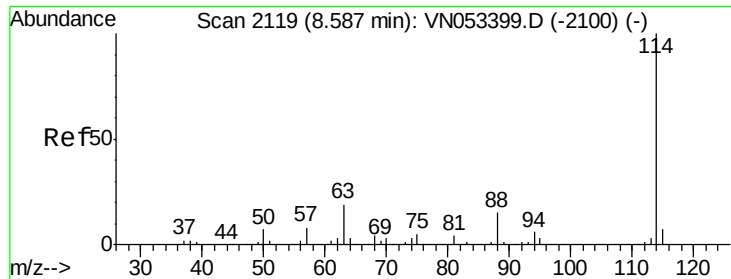


Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



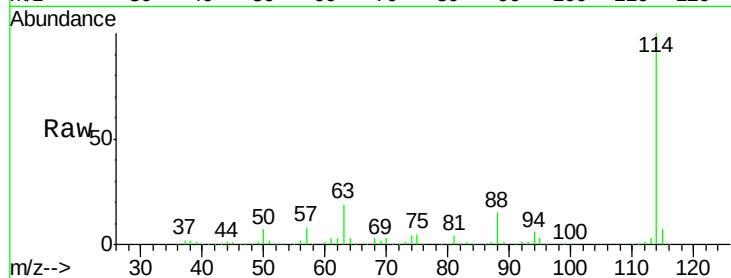




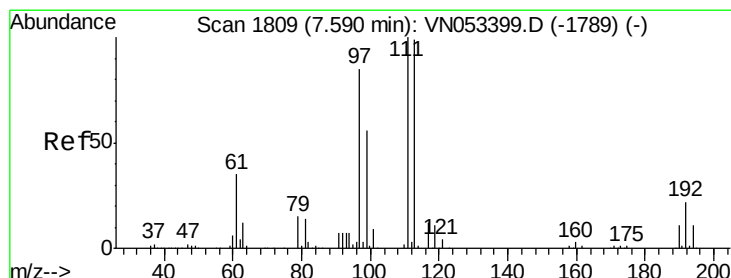
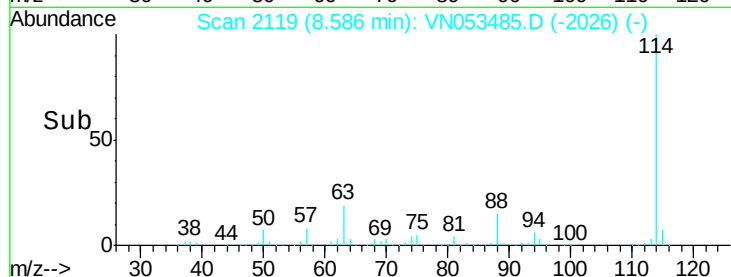
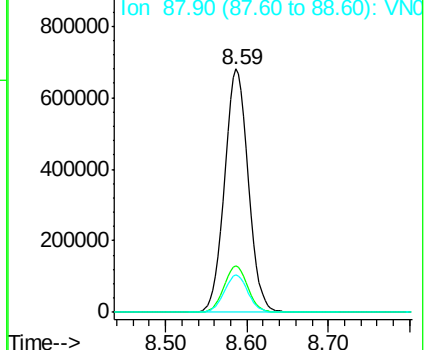
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.59 min Scan# 2119  
Delta R.T. -0.00 min  
Lab File: VN053485.D  
Acq: 18 Jan 2019 21:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
RT-3425

Tot Ion:114 Resp: 1400939  
Ion Ratio Lower Upper  
114 100  
63 19.2 0.0 38.6  
88 15.3 0.0 30.4

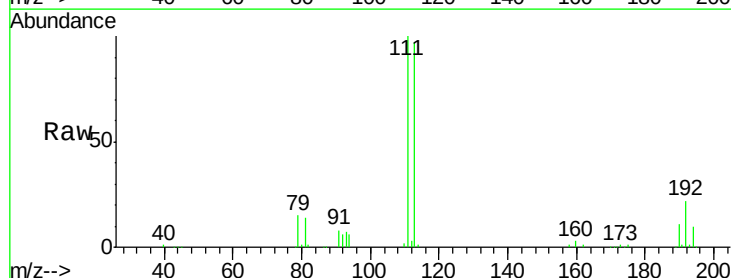


Abundance Ion 113.90 (113.60 to 114.60): V  
Ion 63.00 (62.70 to 63.70): VN  
Ion 87.90 (87.60 to 88.60): VN

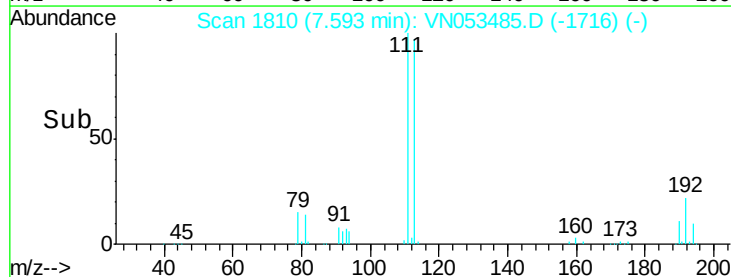
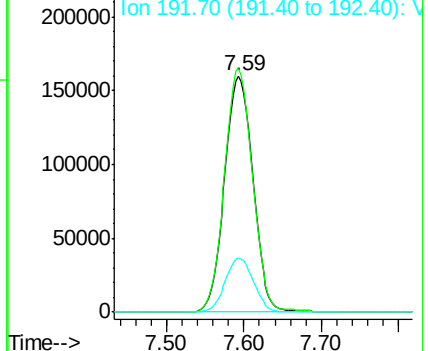


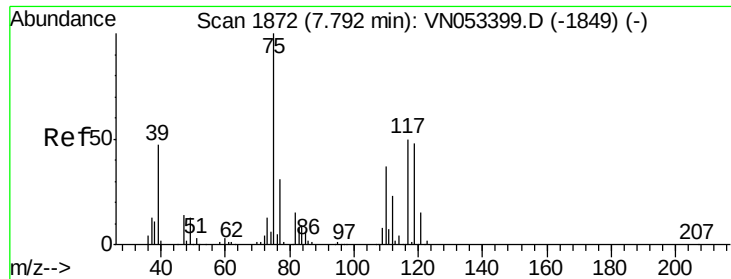
#35  
Dibromofluoromethane  
Concen: 50.000 ug/l  
RT: 7.59 min Scan# 1810  
Delta R.T. 0.00 min  
Lab File: VN053485.D  
Acq: 18 Jan 2019 21:04

Tgt Ion:113 Resp: 408828  
Ion Ratio Lower Upper  
113 100  
111 101.8 81.1 121.7  
192 22.7 18.2 27.2



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

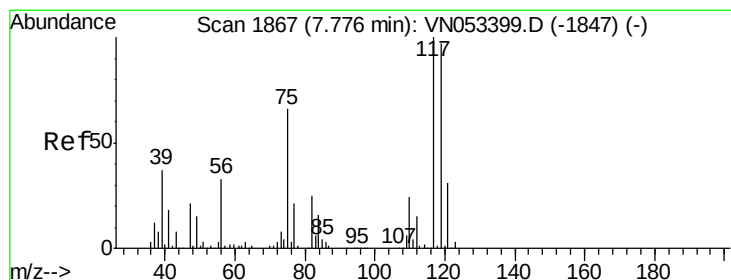
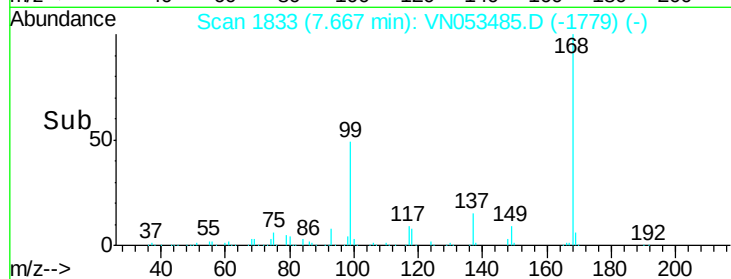
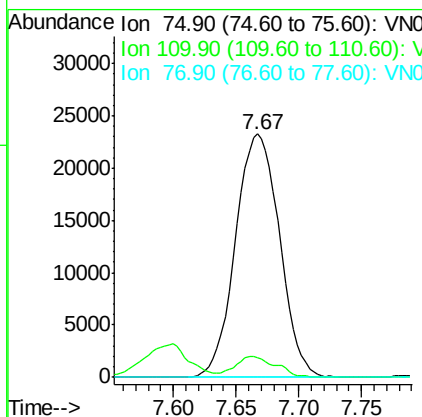
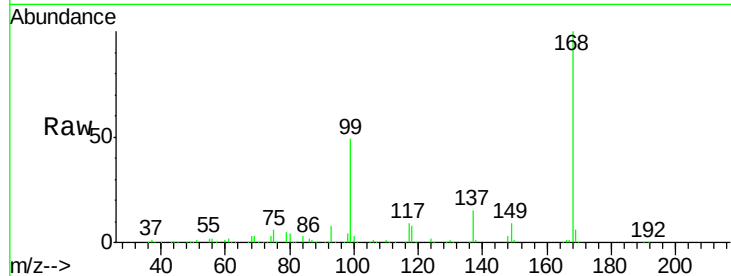




#36  
 1,1-Dichloropropene  
 Concen: 4.450 ug/l  
 RT: 7.67 min Scan# 1833  
 Delta R.T. -0.13 min  
 Lab File: VN053485.D  
 Acq: 18 Jan 2019 21:04

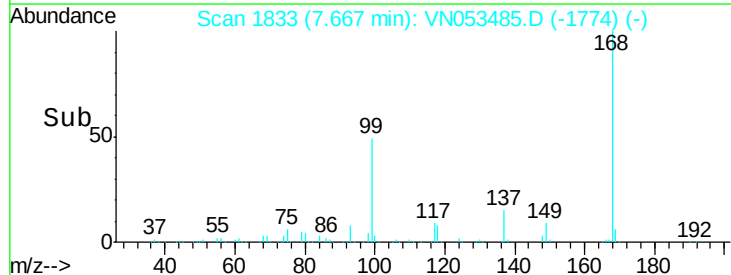
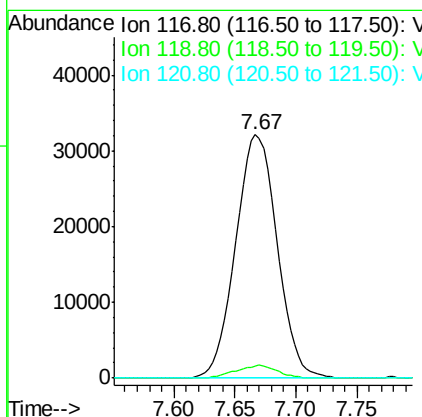
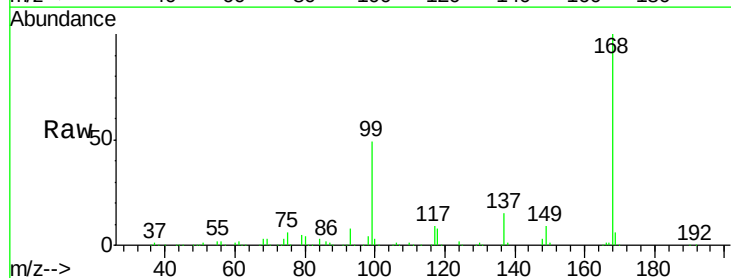
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 RT-3425

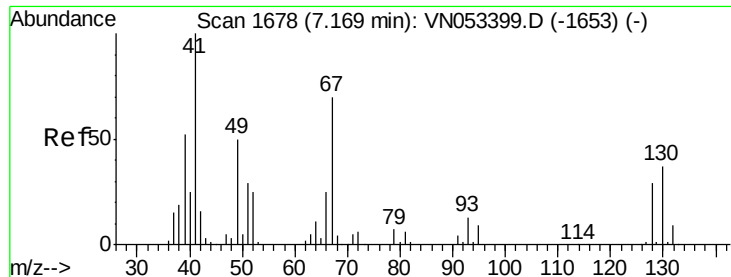
| Tot Ion   | 75    | Resp  | 56779 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 8.1   | 18.1  | 54.3# |
| 77        | 0.0   | 25.1  | 37.7# |



#38  
 Carbon Tetrachloride  
 Concen: 6.269 ug/l  
 RT: 7.67 min Scan# 1833  
 Delta R.T. -0.11 min  
 Lab File: VN053485.D  
 Acq: 18 Jan 2019 21:04

| Tgt Ion   | 117   | Resp  | 75724  |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 5.1   | 77.2  | 115.8# |
| 121       | 0.0   | 24.6  | 37.0#  |

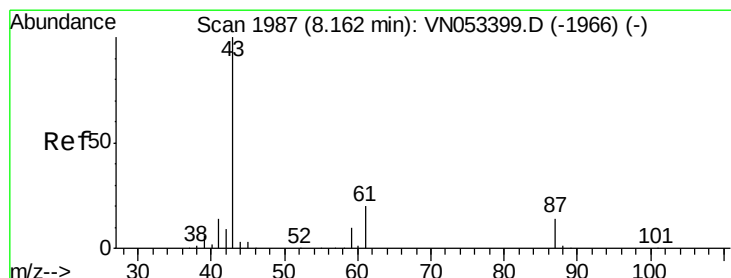
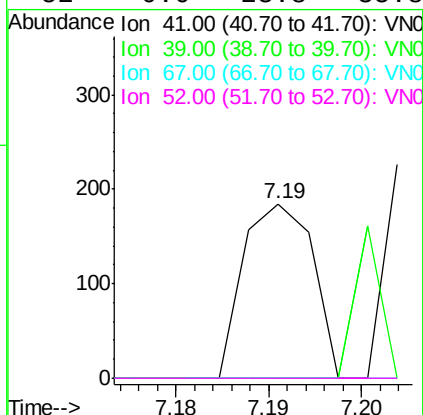
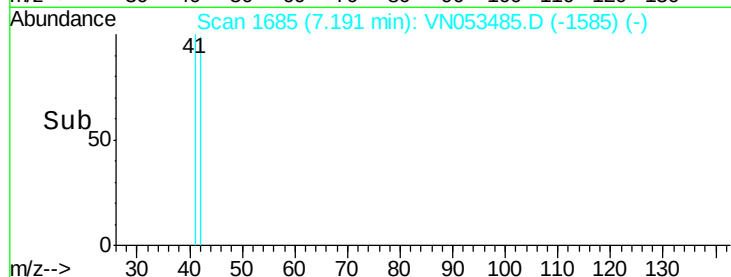
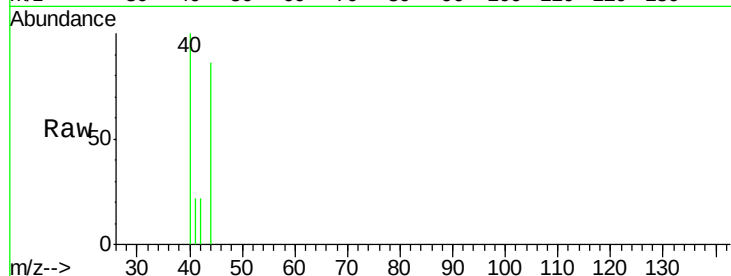




#41  
Methacrylonitrile  
Concen: 0.689 ug/l  
RT: 7.19 min Scan# 1685  
Delta R.T. 0.02 min  
Lab File: VN053485.D  
Acq: 18 Jan 2019 21:04

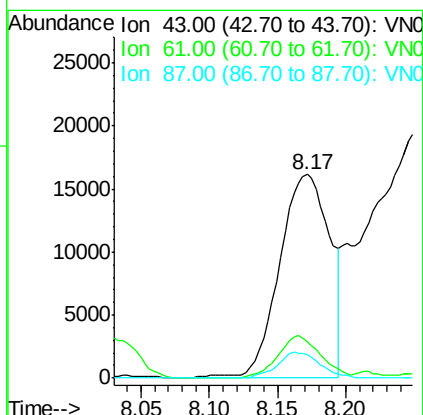
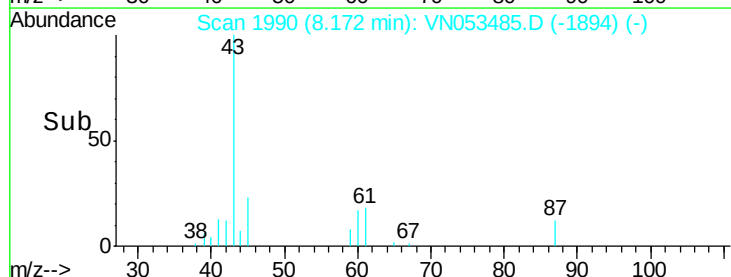
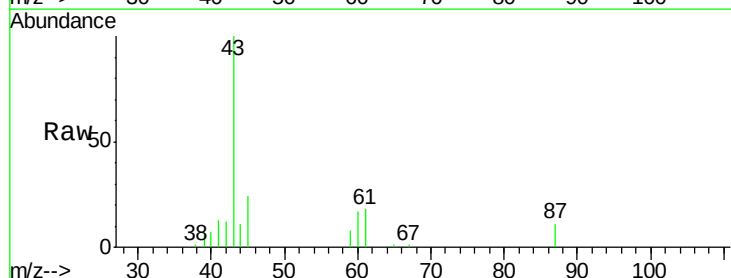
Instrument :  
MSVOA\_N  
ClientSampled :  
RT-3425

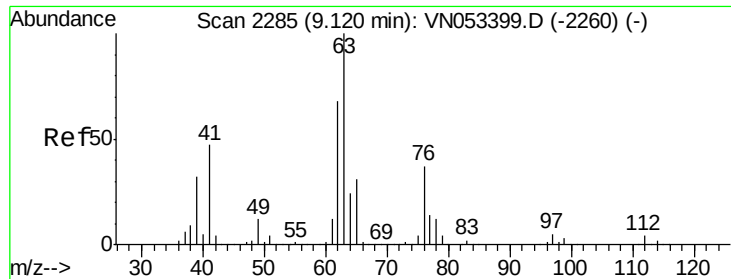
Tot Ion: 41 Resp: 96  
Ion Ratio Lower Upper  
41 100  
39 32.3 46.8 70.2#  
67 0.0 63.0 94.6#  
52 0.0 23.8 35.8#



#43  
Isopropyl Acetate  
Concen: 3.131 ug/l  
RT: 8.17 min Scan# 1990  
Delta R.T. 0.01 min  
Lab File: VN053485.D  
Acq: 18 Jan 2019 21:04

Tgt Ion: 43 Resp: 41320  
Ion Ratio Lower Upper  
43 100  
61 17.8 23.9 35.9#  
87 10.7 11.0 16.6#

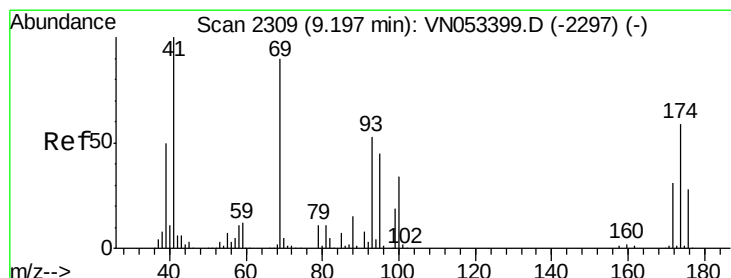
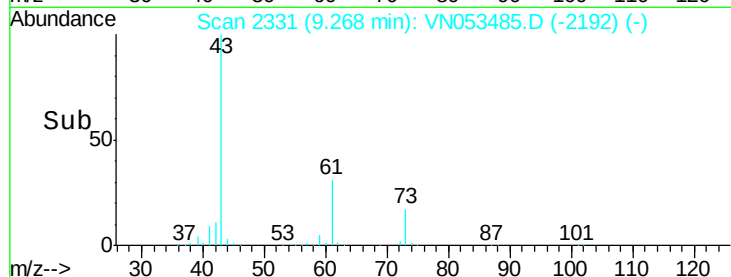
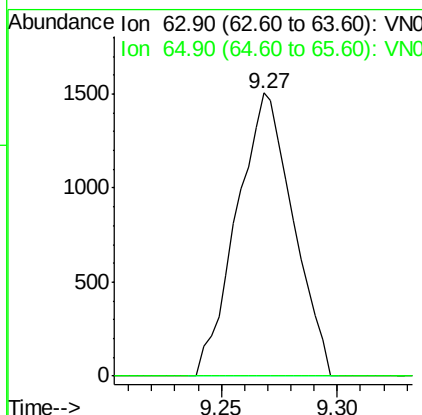
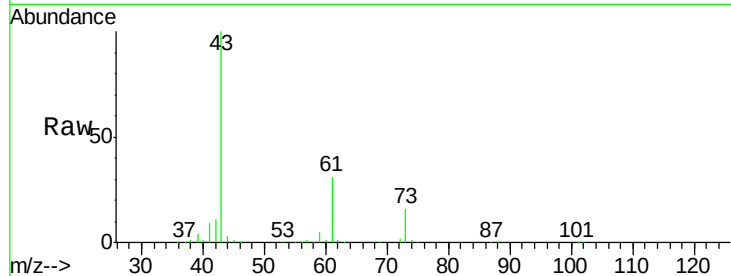




#45  
 1,2-Dichloropropane  
 Concen: 0.247 ug/l  
 RT: 9.27 min Scan# 2331  
 Delta R.T. 0.15 min  
 Lab File: VN053485.D  
 Acq: 18 Jan 2019 21:04

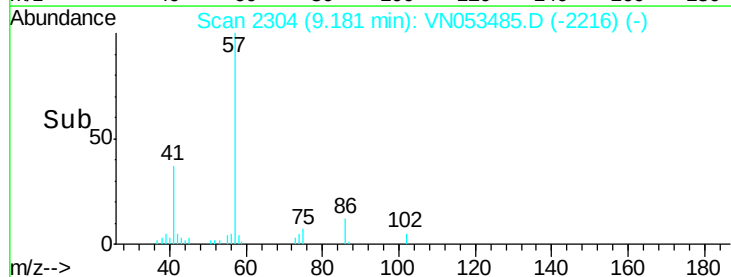
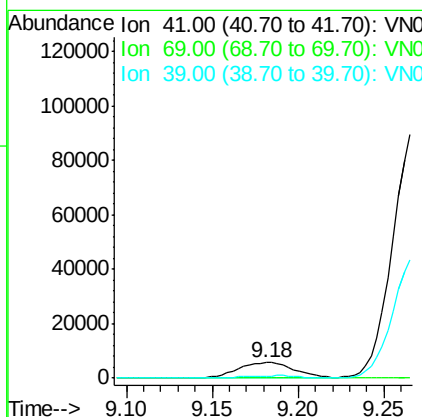
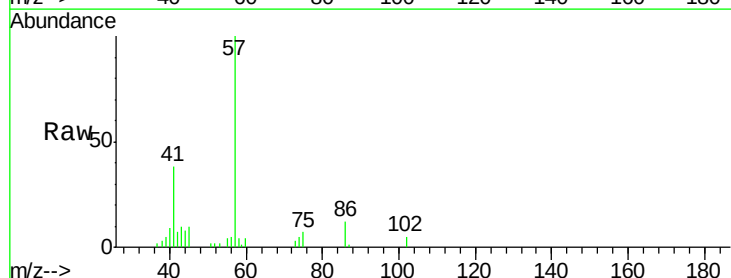
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 RT-3425

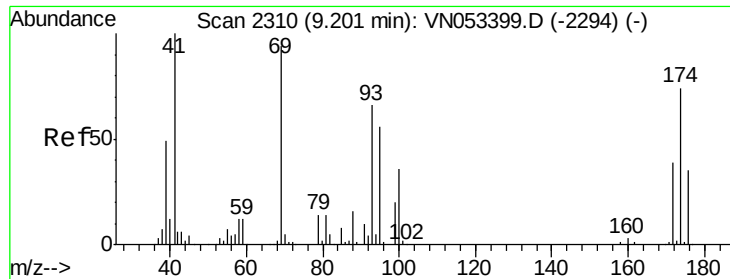
Tot Ion: 63 Resp: 2537  
 Ion Ratio Lower Upper  
 63 100  
 65 0.0 25.0 37.4#



#48  
 Methyl methacrylate  
 Concen: 1.913 ug/l  
 RT: 9.18 min Scan# 2304  
 Delta R.T. -0.02 min  
 Lab File: VN053485.D  
 Acq: 18 Jan 2019 21:04

Tgt Ion: 41 Resp: 13040  
 Ion Ratio Lower Upper  
 41 100  
 69 0.0 73.8 110.6#  
 39 0.0 40.0 60.0#





#49

1,4-Dioxane

Concen: 2.359 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

Instrument :

MSVOA\_N

ClientSampled :

RT-3425

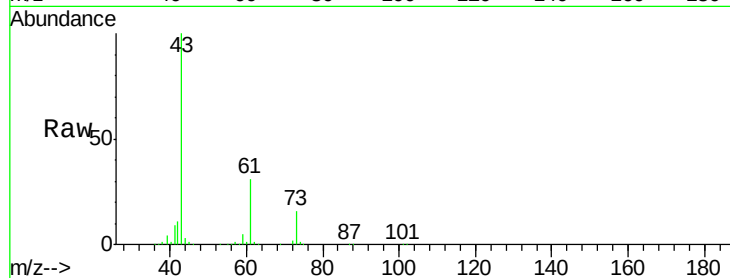
Tot Ion: 88 Resp: 157

Ion Ratio Lower Upper

88 100

43 1250104.5 27.8 41.6#

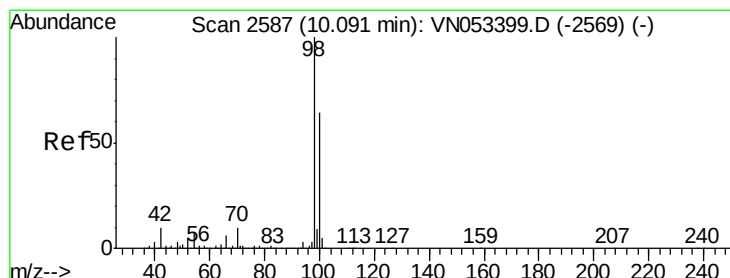
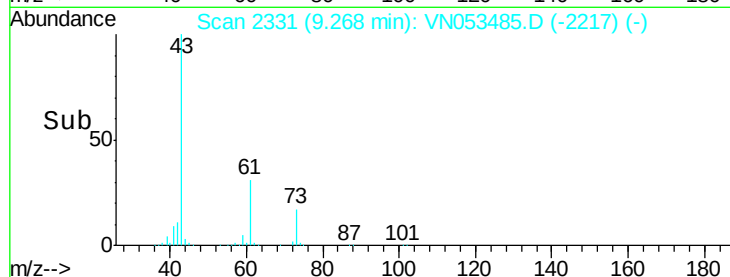
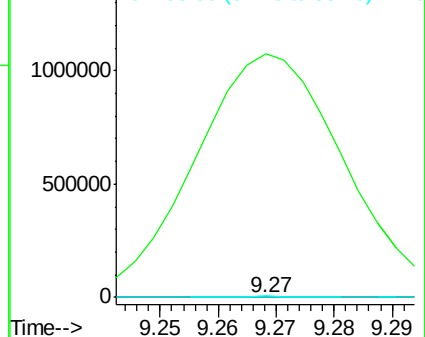
58 5630.6 56.5 84.7#



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: 2.359 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053485.D

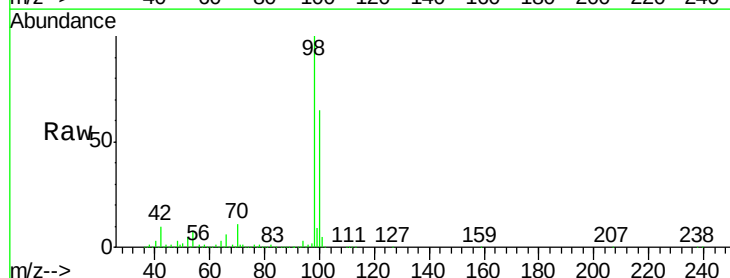
Acq: 18 Jan 2019 21:04

Tgt Ion: 98 Resp: 1740120

Ion Ratio Lower Upper

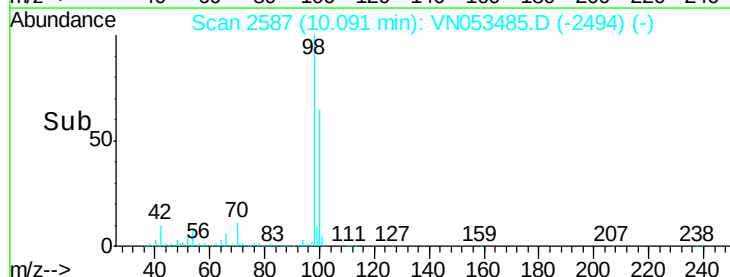
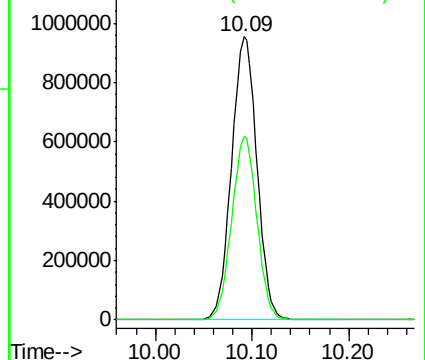
98 100

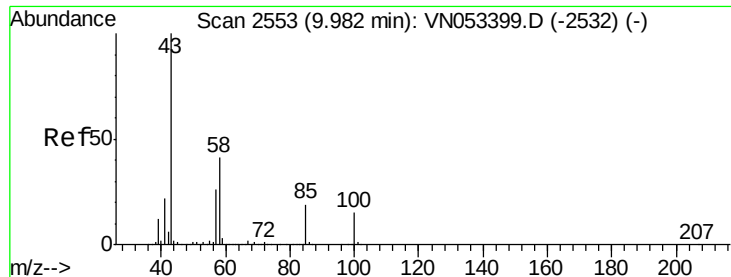
100 64.1 51.4 77.0



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: 0.769 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

Instrument :

MSVOA\_N

ClientSampled :

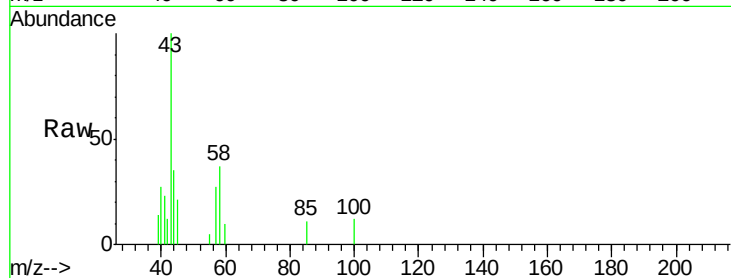
RT-3425

Tot Ion: 43 Resp: 5544

Ion Ratio Lower Upper

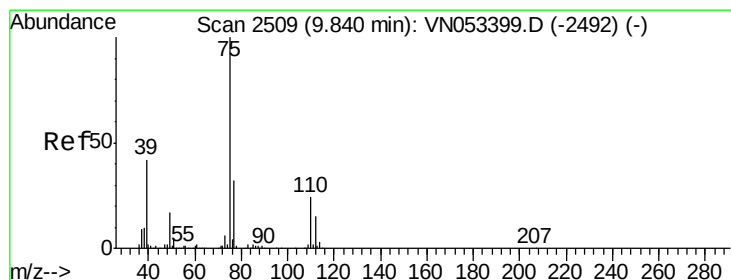
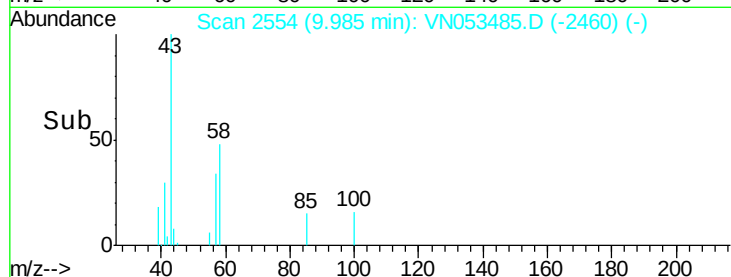
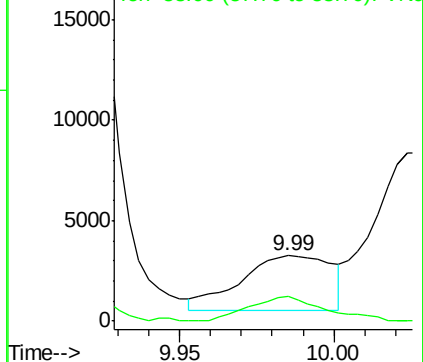
43 100

58 37.9 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



#54

cis-1,3-Dichloropropene

Concen: 6.028 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

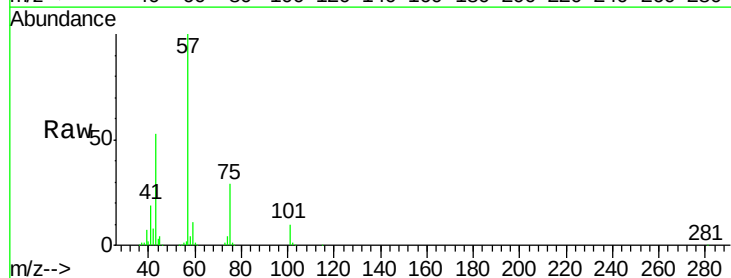
Tgt Ion: 75 Resp: 88864

Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

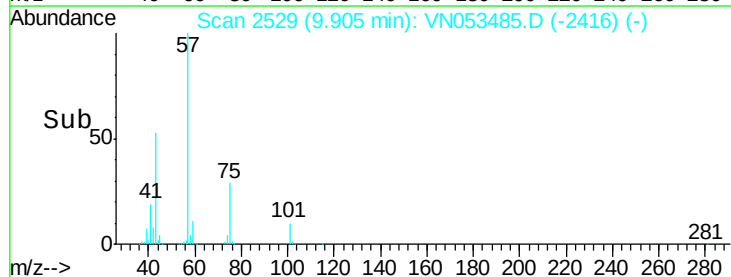
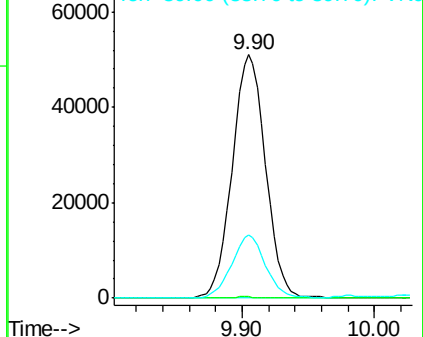
39 26.1 33.4 50.0#

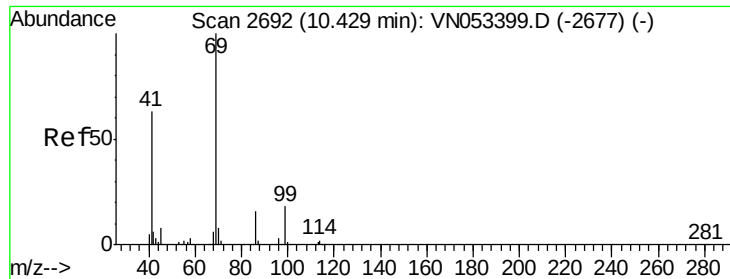


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 76.90 (76.60 to 77.60): VNO

Ion 39.00 (38.70 to 39.70): VNO





#56

Ethyl methacrylate

Concen: 2.140 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

Instrument :

MSVOA\_N

ClientSampleId :

RT-3425

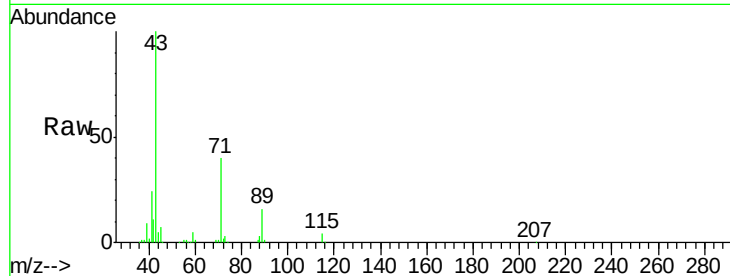
Tot Ion: 69 Resp: 1005

Ion Ratio Lower Upper

69 100

41 5309.2 49.4 74.0#

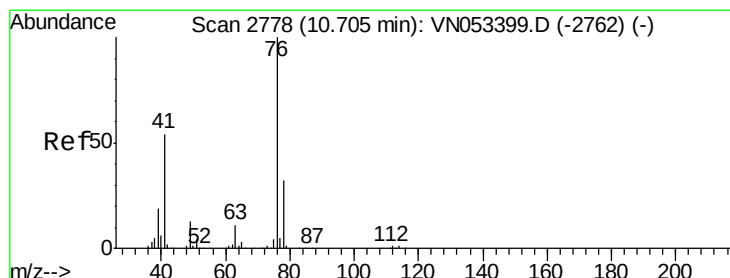
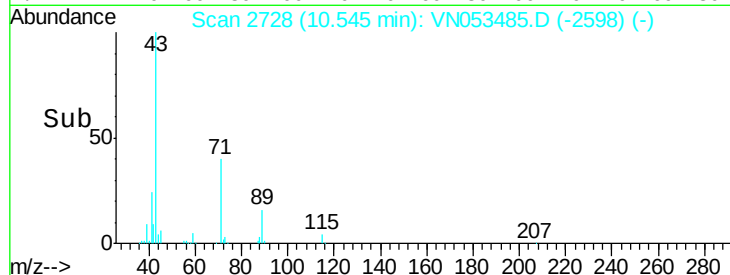
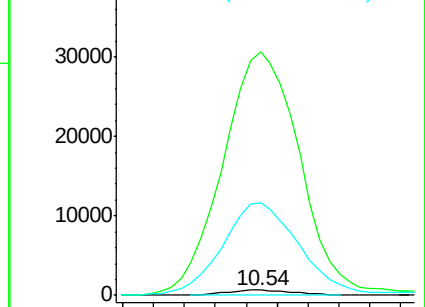
39 2018.7 23.3 34.9#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.309 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053485.D

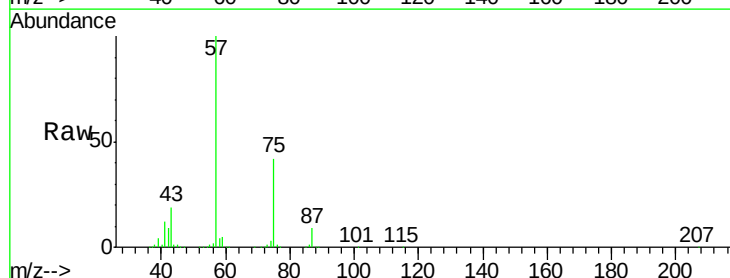
Acq: 18 Jan 2019 21:04

Tgt Ion: 76 Resp: 18789

Ion Ratio Lower Upper

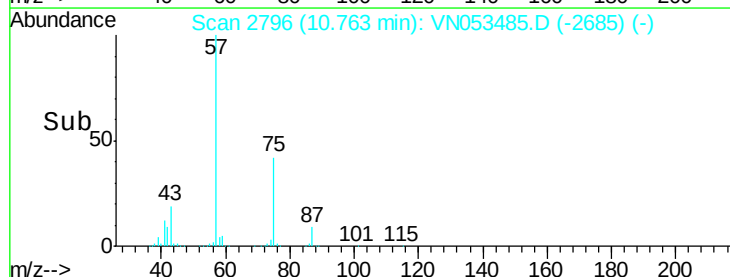
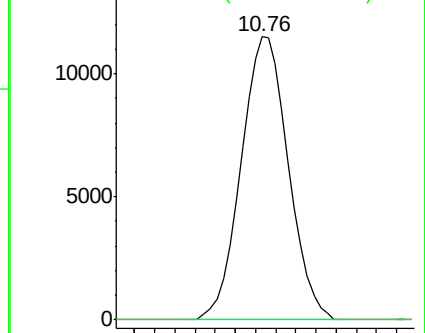
76 100

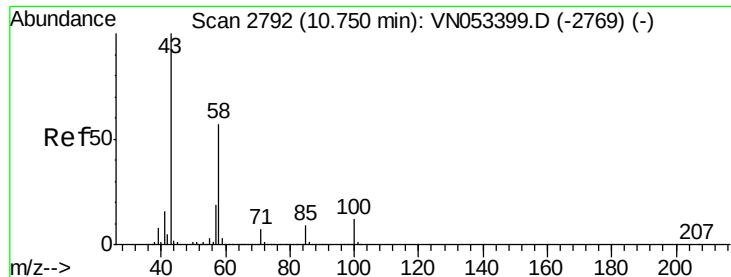
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 48.874 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.02 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

Instrument :

MSVOA\_N

ClientSampleId :

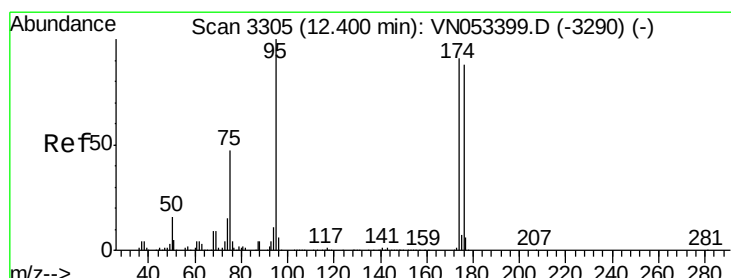
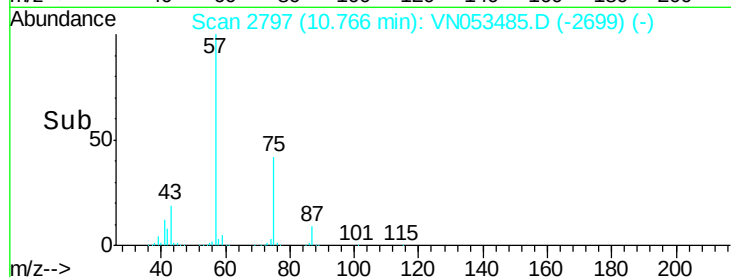
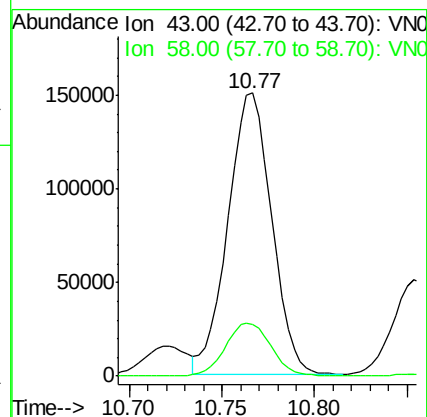
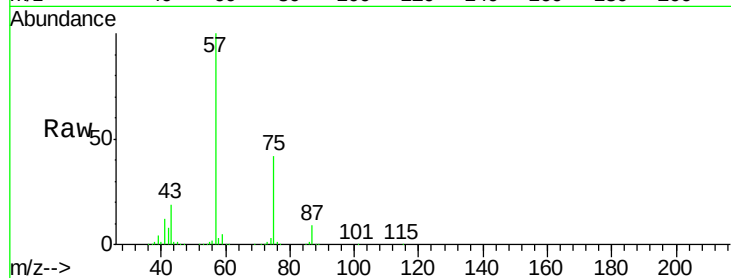
RT-3425

Tot Ion: 43 Resp: 247201

Ion Ratio Lower Upper

43 100

58 19.7 28.6 85.8#



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

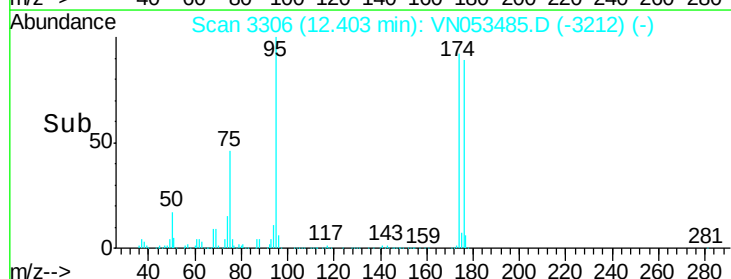
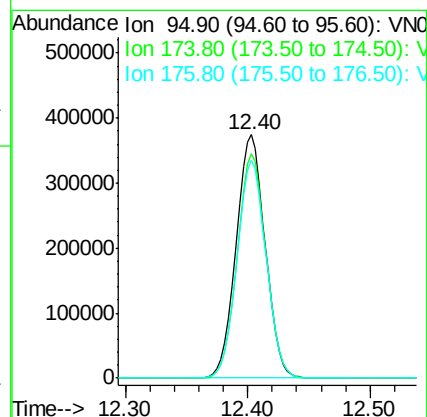
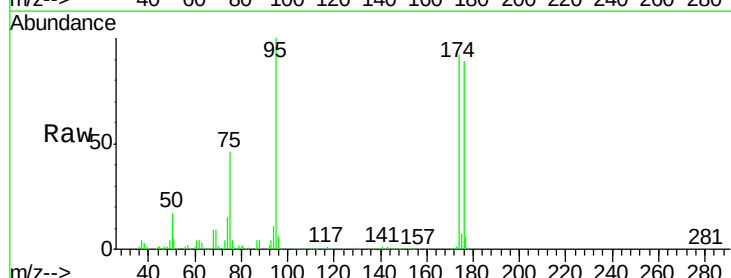
Tgt Ion: 95 Resp: 616945

Ion Ratio Lower Upper

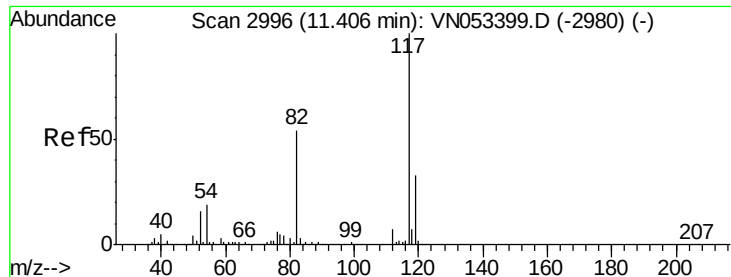
95 100

174 91.4 0.0 183.2

176 89.4 0.0 177.4



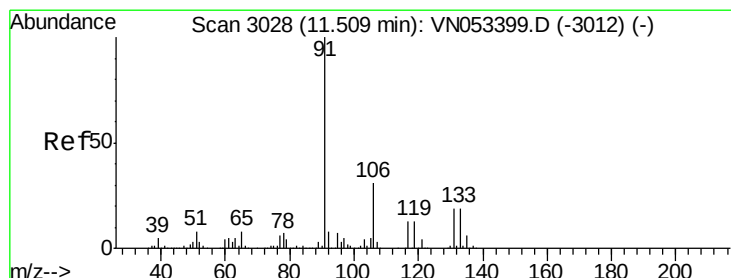
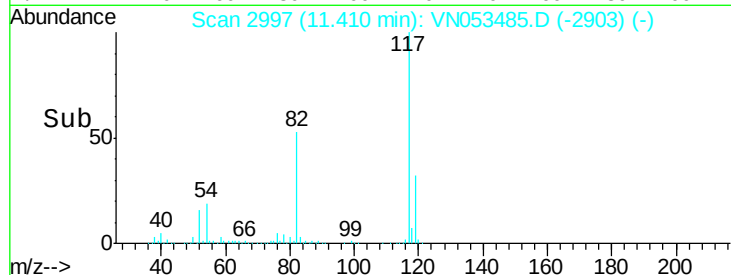
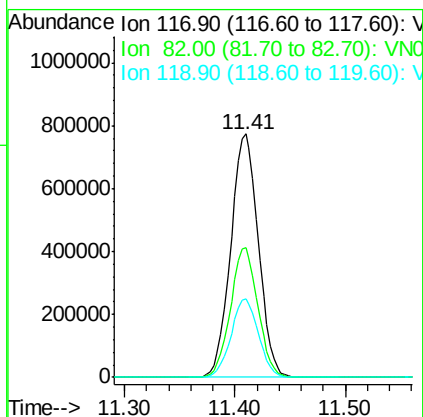
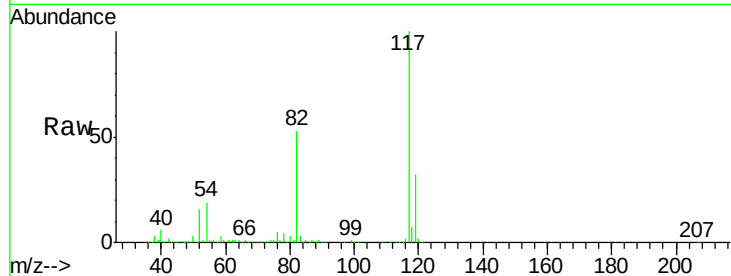




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2997  
Delta R.T. 0.00 min  
Lab File: VN053485.D  
Acq: 18 Jan 2019 21:04

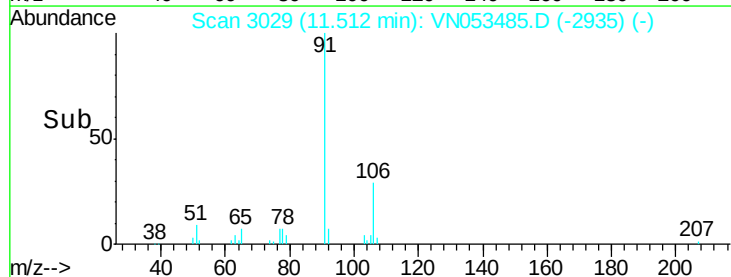
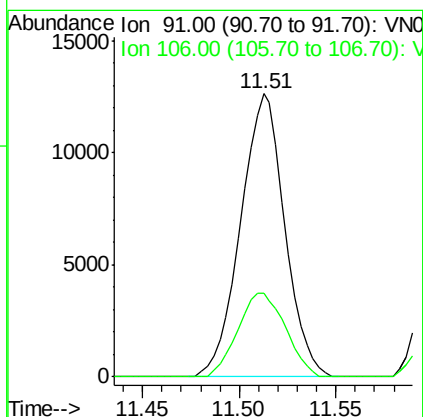
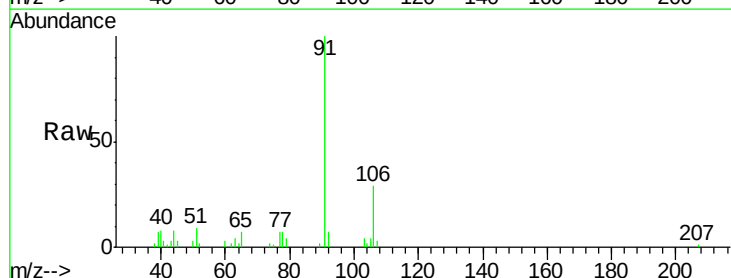
Instrument :  
MSVOA\_N  
ClientSampled :  
RT-3425

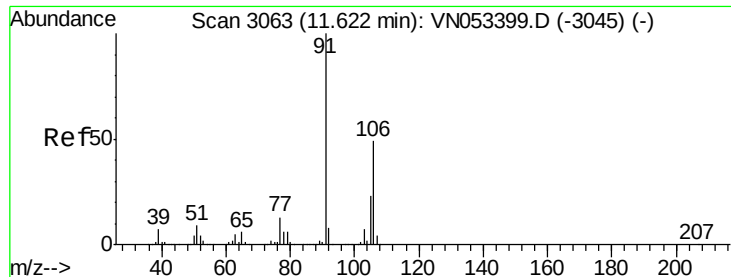
Tot Ion:117 Resp: 1341699  
Ion Ratio Lower Upper  
117 100  
82 53.1 42.9 64.3  
119 32.2 26.0 39.0



#67  
Ethyl Benzene  
Concen: 0.415 ug/l  
RT: 11.51 min Scan# 3029  
Delta R.T. 0.00 min  
Lab File: VN053485.D  
Acq: 18 Jan 2019 21:04

Tgt Ion: 91 Resp: 20071  
Ion Ratio Lower Upper  
91 100  
106 29.4 25.0 37.6

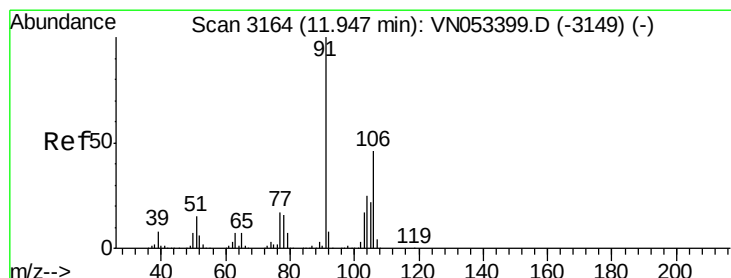
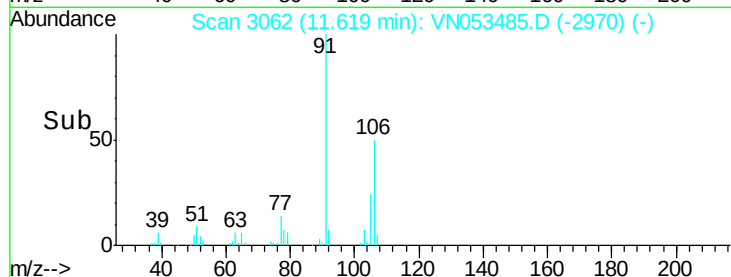
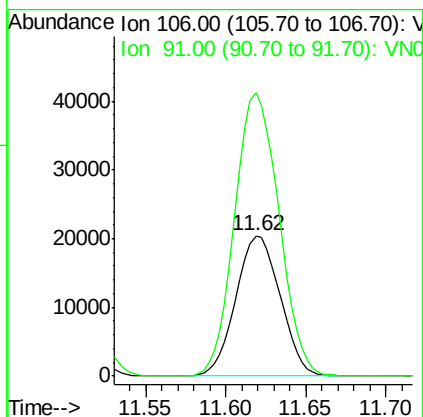
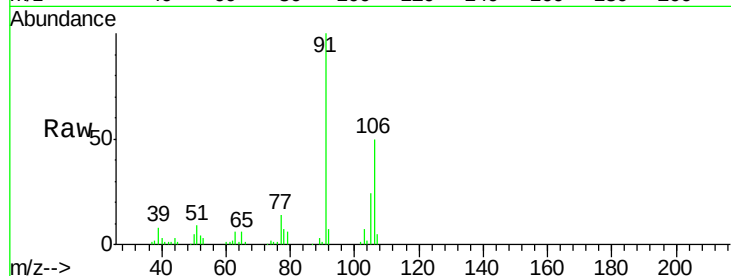




#68  
m/p-Xylenes  
Concen: 2.117 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. -0.00 min  
Lab File: VN053485.D  
Acq: 18 Jan 2019 21:04

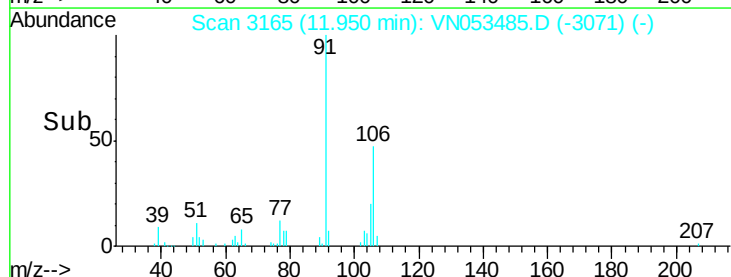
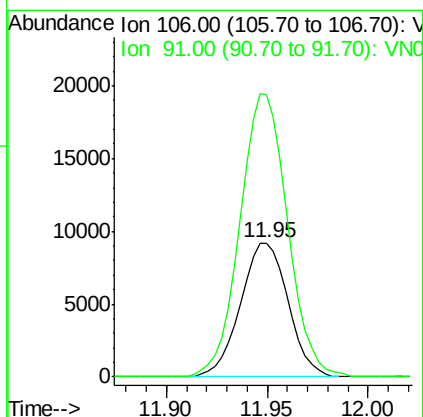
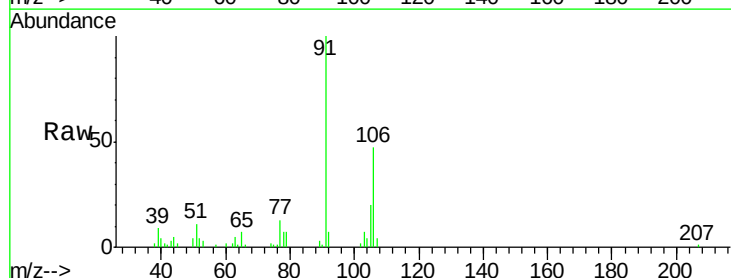
Instrument :  
MSVOA\_N  
ClientSampled :  
RT-3425

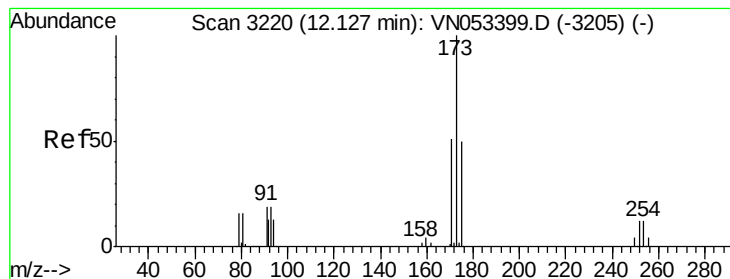
Tot Ion:106 Resp: 38682  
Ion Ratio Lower Upper  
106 100  
91 201.9 161.4 242.2



#69  
o-Xylene  
Concen: 0.856 ug/l  
RT: 11.95 min Scan# 3165  
Delta R.T. 0.00 min  
Lab File: VN053485.D  
Acq: 18 Jan 2019 21:04

Tgt Ion:106 Resp: 15203  
Ion Ratio Lower Upper  
106 100  
91 211.7 106.9 320.8





#71

Bromoform

Concen: 0.580 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

Instrument :

MSVOA\_N

ClientSampleId :

RT-3425

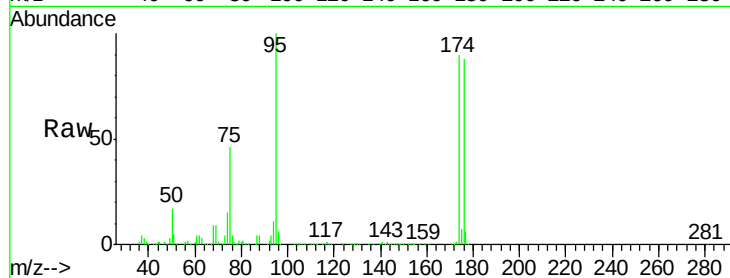
Tot Ion:173 Resp: 3946

Ion Ratio Lower Upper

173 100

175 908.5 24.6 74.0#

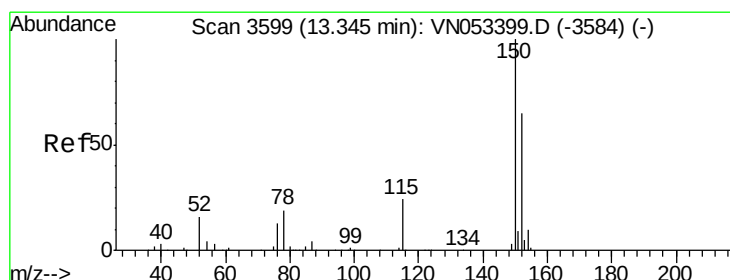
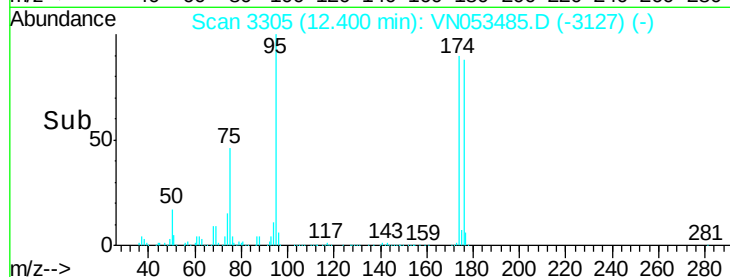
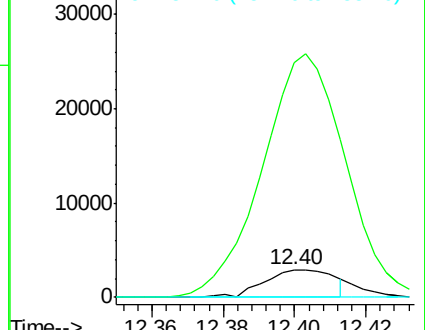
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

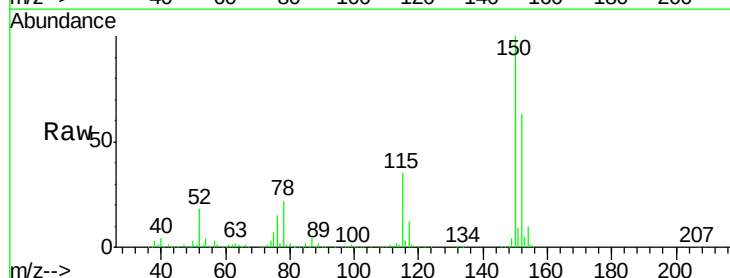
Tgt Ion:152 Resp: 610232

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.4

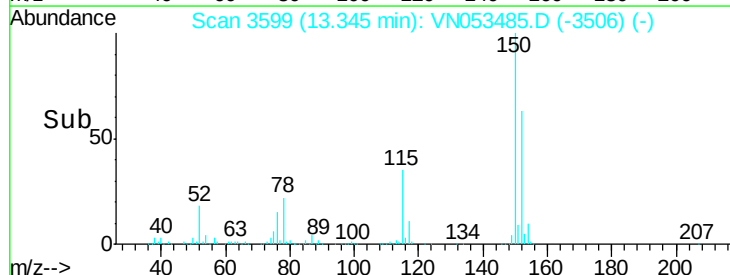
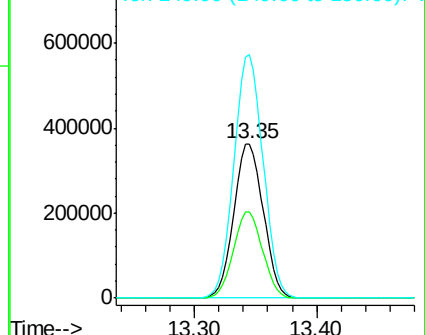
150 156.5 0.0 349.0

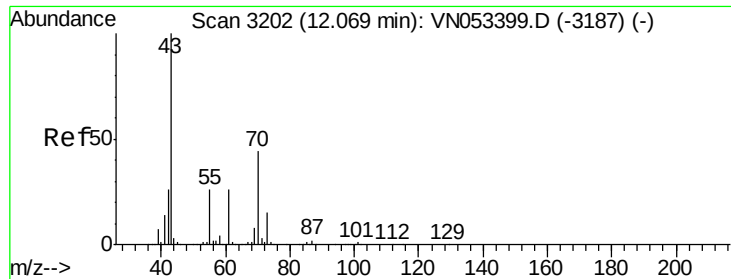


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

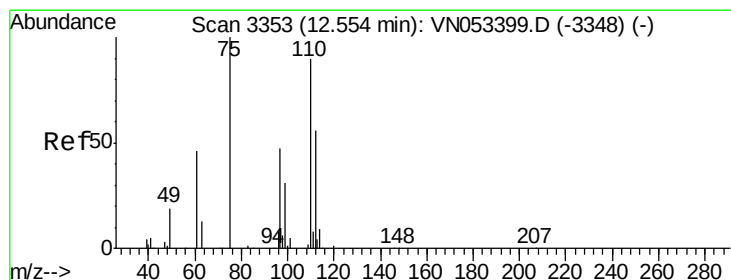
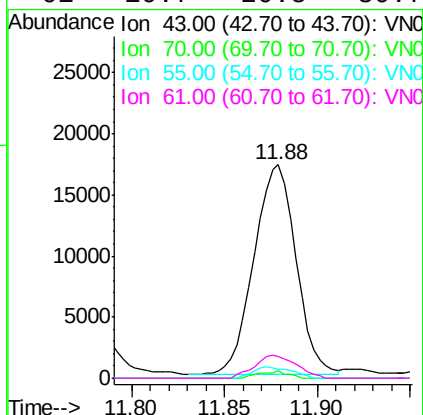
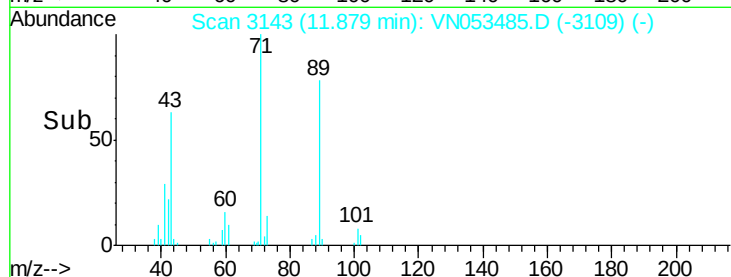
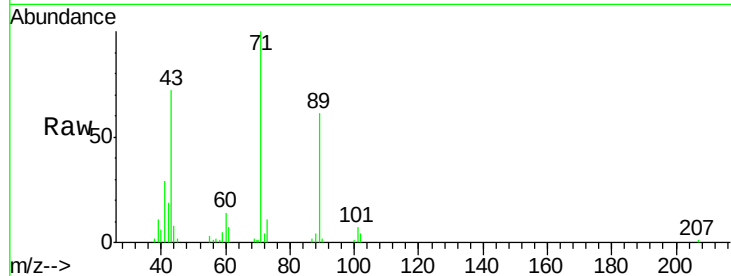




#74  
N-amyl acetate  
Concen: 2.278 ug/l  
RT: 11.88 min Scan# 3143  
Delta R.T. -0.19 min  
Lab File: VN053485.D  
Acq: 18 Jan 2019 21:04

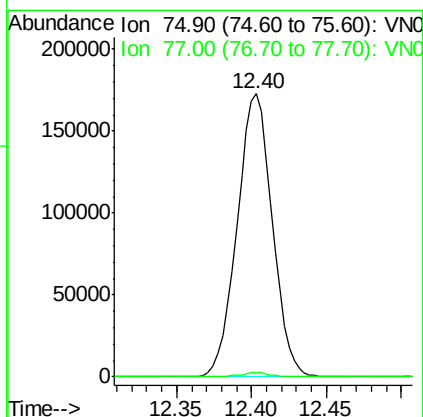
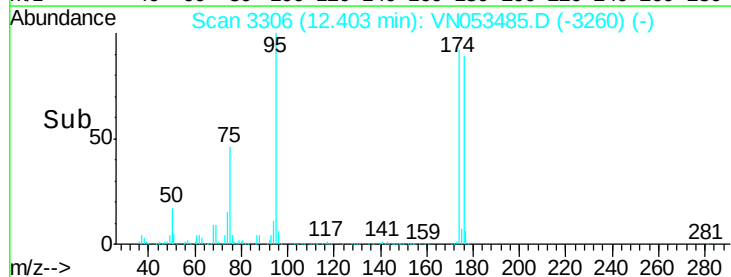
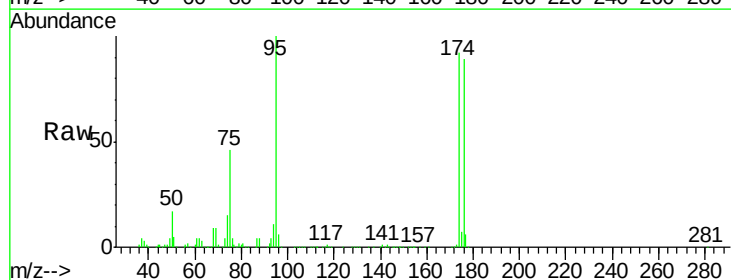
Instrument :  
MSVOA\_N  
ClientSampled :  
RT-3425

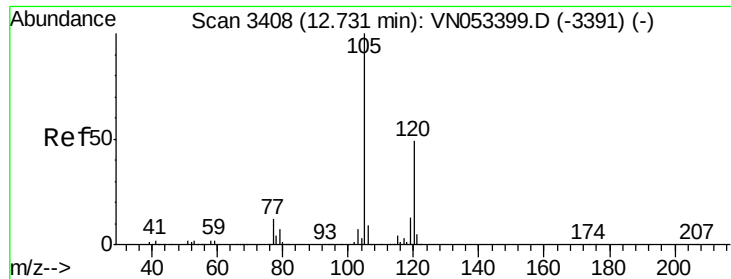
Tot Ion: 43 Resp: 27140  
Ion Ratio Lower Upper  
43 100  
70 2.3 35.4 53.2#  
55 4.9 20.9 31.3#  
61 10.7 20.5 30.7#



#76  
1,2,3-Trichloropropane  
Concen: 35.102 ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. -0.15 min  
Lab File: VN053485.D  
Acq: 18 Jan 2019 21:04

Tgt Ion: 75 Resp: 282276  
Ion Ratio Lower Upper  
75 100  
77 1.3 0.0 0.0#





#80

1,3,5-Trimethylbenzene

Concen: 0.457 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

Instrument :

MSVOA\_N

ClientSampleId :

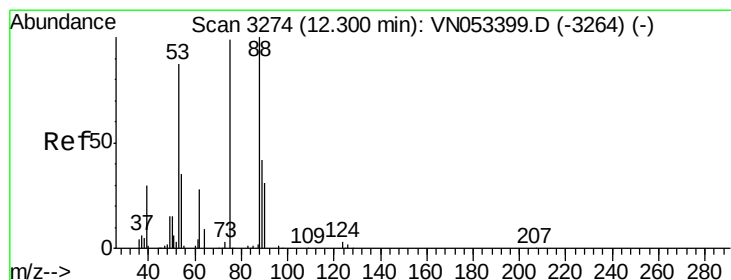
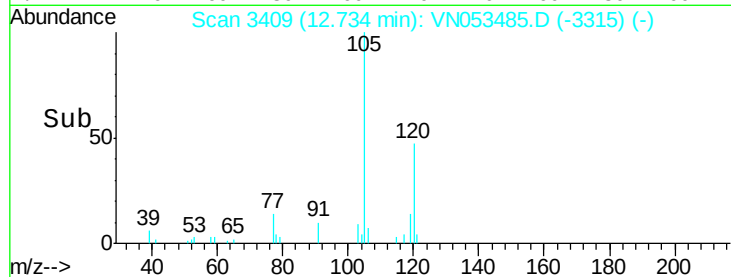
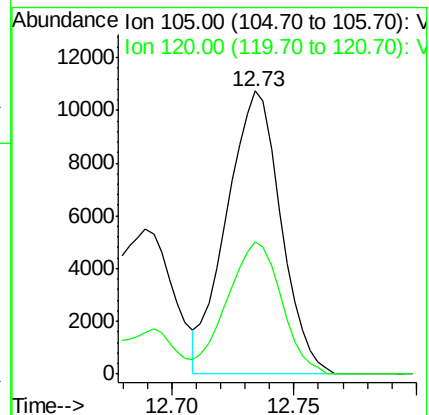
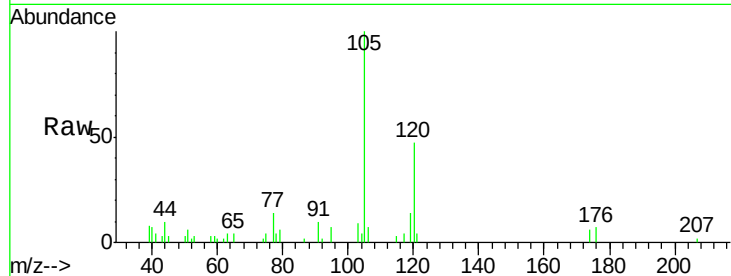
RT-3425

Tot Ion:105 Resp: 16599

Ion Ratio Lower Upper

105 100

120 46.5 24.9 74.6



#81

trans-1,4-Dichloro-2-butene

Concen: 86.866 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

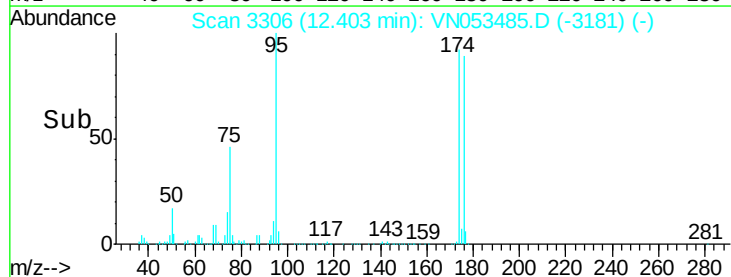
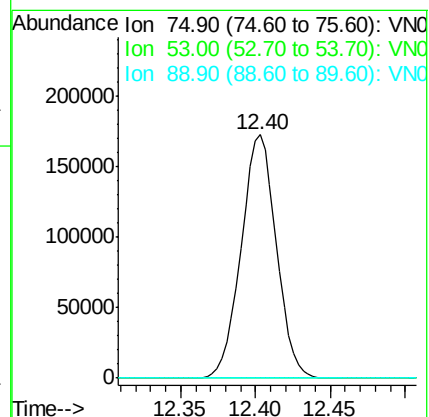
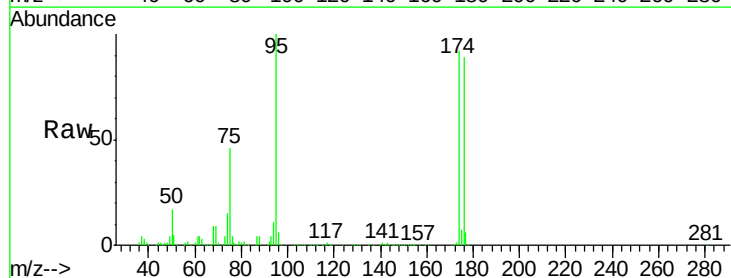
Tgt Ion: 75 Resp: 282276

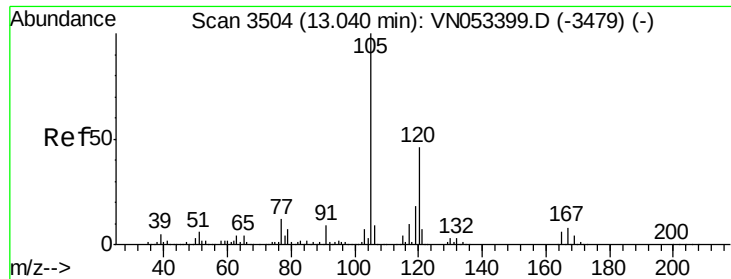
Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

89 0.0 35.6 53.4#





#84

1,2,4-Trimethylbenzene

Concen: 1.016 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

Instrument :

MSVOA\_N

ClientSampled :

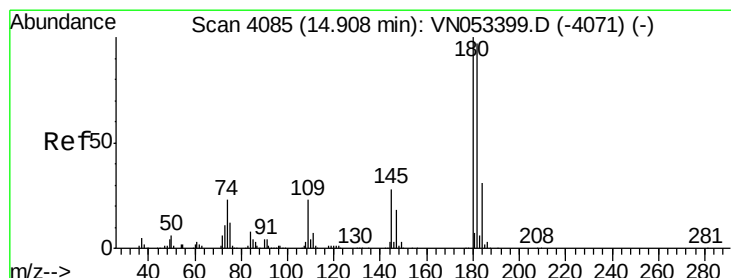
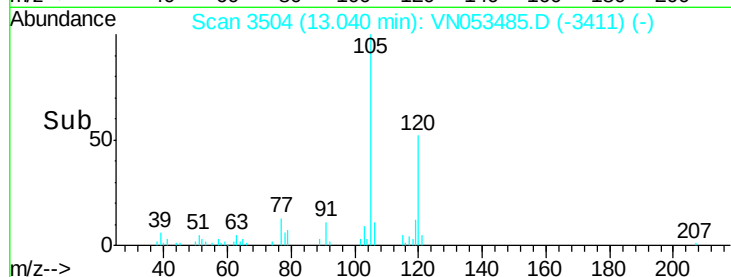
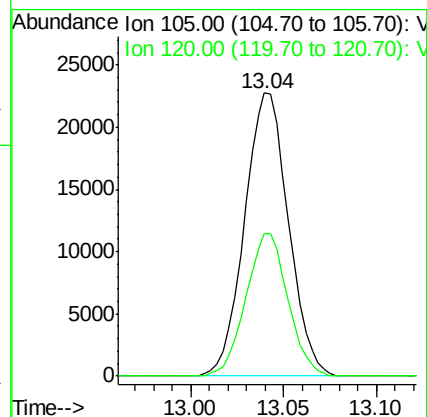
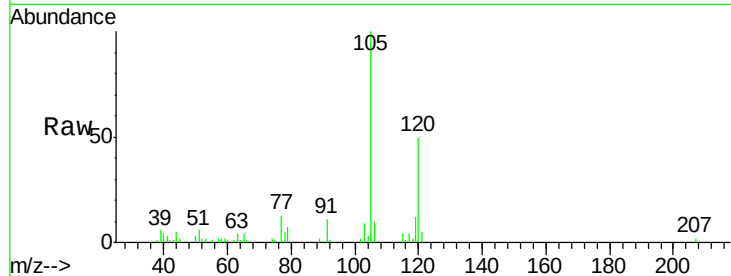
RT-3425

Tot Ion:105 Resp: 37240

Ion Ratio Lower Upper

105 100

120 48.1 23.0 69.0



#93

1,2,4-Trichlorobenzene

Concen: 2.912 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

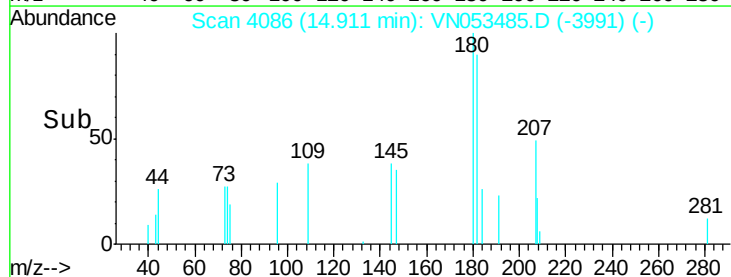
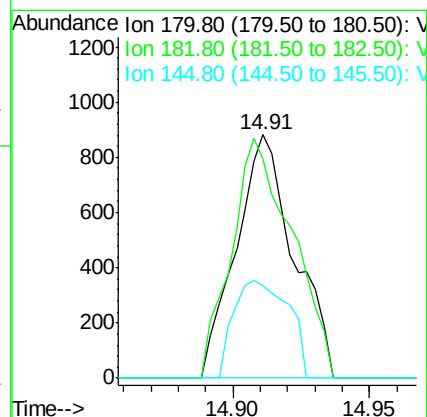
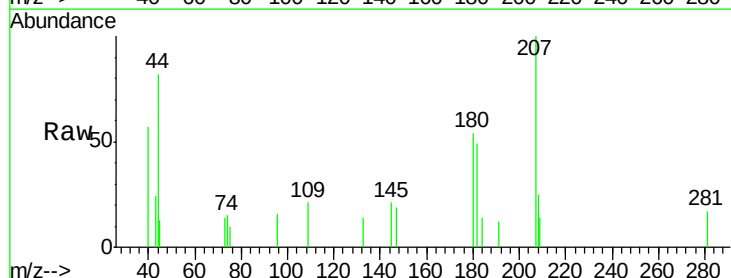
Tgt Ion:180 Resp: 1298

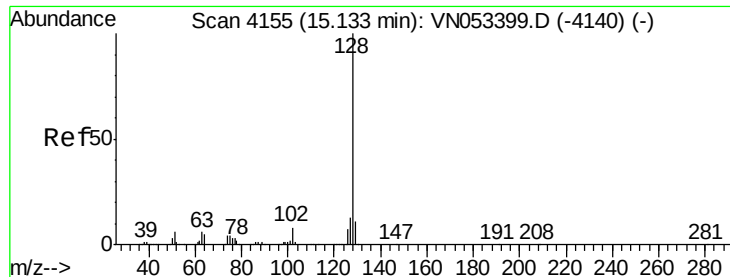
Ion Ratio Lower Upper

180 100

182 103.7 48.1 144.3

145 38.2 13.9 41.6





#95

Naphthalene

Concen: 4.912 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

Instrument :

MSVOA\_N

ClientSampled :

RT-3425

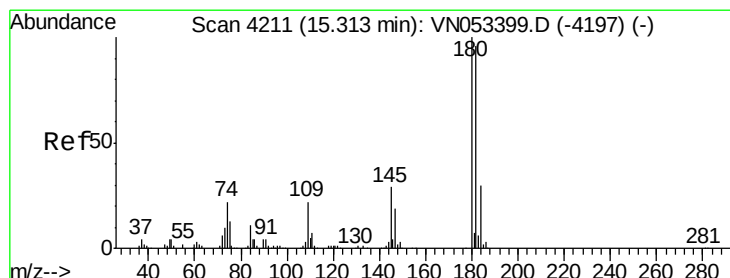
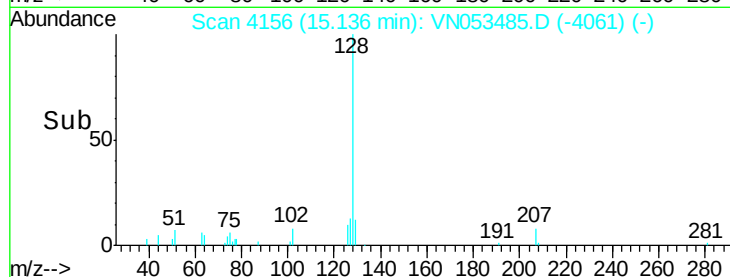
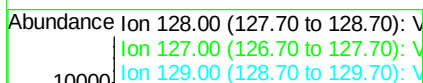
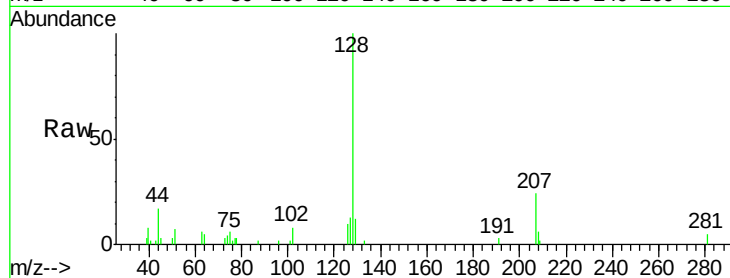
Tot Ion:128 Resp: 15578

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 12.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.123 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

Tgt Ion:180 Resp: 1459

Ion Ratio Lower Upper

180 100

182 51.5 47.9 143.8

145 34.2 14.7 44.1

