

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN112219\  
 Data File : VN059359.D  
 Acq On : 22 Nov 2019 13:13  
 Operator : JC/SP  
 Sample : K5957-01ME 10X  
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-1-(12-14)ME

Quant Time: Nov 22 13:34:48 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112019W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 21 08:44:45 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 333646   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 514168   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 448348   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 194529   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

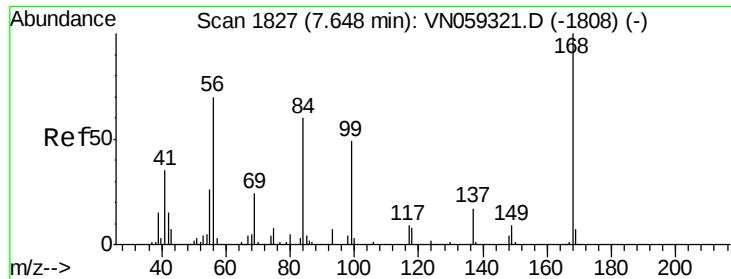
|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.01   | 65  | 192915   | 48.19 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.38%  |      |
| 35) Dibromofluoromethane  | 7.57   | 113 | 153729   | 49.84 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.68%  |      |
| 50) Toluene-d8            | 10.08  | 98  | 618631   | 50.45 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.90% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 234301   | 54.64 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.28% |      |

## Target Compounds

|                                |       |     |        |        |        | Qvalue |
|--------------------------------|-------|-----|--------|--------|--------|--------|
| 11) Tert butyl alcohol         | 4.72  | 59  | 1038   | 1.295  | ug/l # | 73     |
| 16) Acetone                    | 3.79  | 43  | 579    | 0.323  | ug/l # | 42     |
| 17) Carbon Disulfide           | 4.03  | 76  | 1198   | 0.246  | ug/l # | 75     |
| 31) Cyclohexane                | 7.64  | 56  | 5989   | 0.850  | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.64  | 75  | 25170  | 4.742  | ug/l # | 49     |
| 38) Carbon Tetrachloride       | 7.64  | 117 | 31146  | 6.129  | ug/l # | 17     |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97  | 4344   | 1.193  | ug/l # | 16     |
| 56) Ethyl methacrylate         | 10.43 | 69  | 1803   | 2.473  | ug/l # | 1      |
| 59) 2-Hexanone                 | 10.72 | 43  | 38159  | 10.212 | ug/l # | 28     |
| 65) Chlorobenzene              | 11.54 | 112 | 2942   | 0.305  | ug/l # | 42     |
| 71) Bromoform                  | 12.40 | 173 | 1062   | 0.400  | ug/l # | 1      |
| 73) Isopropylbenzene           | 12.25 | 105 | 47971  | 3.010  | ug/l   | 100    |
| 74) N-amy1 acetate             | 12.05 | 43  | 485675 | 75.836 | ug/l # | 59     |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83  | 35421  | 6.719  | ug/l # | 29     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75  | 102077 | 22.714 | ug/l # | 100    |
| 78) n-propylbenzene            | 12.59 | 91  | 69044  | 3.825  | ug/l   | 100    |
| 79) 2-Chlorotoluene            | 12.66 | 91  | 2773   | 0.250  | ug/l # | 41     |
| 80) 1,3,5-Trimethylbenzene     | 12.69 | 105 | 21607  | 1.613  | ug/l   | 72     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75  | 102077 | 56.810 | ug/l # | 20     |
| 82) 4-Chlorotoluene            | 13.04 | 91  | 47758  | 4.165  | ug/l   | 84     |
| 83) tert-Butylbenzene          | 13.00 | 119 | 34163  | 3.020  | ug/l   | 91     |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105 | 581742 | 44.332 | ug/l   | 100    |
| 85) sec-Butylbenzene           | 13.17 | 105 | 137401 | 9.036  | ug/l # | 71     |
| 86) p-Isopropyltoluene         | 13.29 | 119 | 20633  | 1.525  | ug/l   | 96     |
| 89) n-Butylbenzene             | 13.62 | 91  | 123178 | 10.377 | ug/l # | 81     |
| 90) Hexachloroethane           | 13.89 | 117 | 41555  | 16.216 | ug/l # | 9      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.25 | 75  | 2148   | 1.917  | ug/l # | 3      |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180 | 735    | 3.105  | ug/l # | 1      |
| 95) Naphthalene                | 15.13 | 128 | 4677   | 3.550  | ug/l # | 81     |
| 96) 1,2,3-Trichlorobenzene     | 15.30 | 180 | 842    | 2.101  | ug/l # | 1      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059359.D

Acq: 22 Nov 2019 13:13

Instrument :

MSVOA\_N

ClientSampleId :

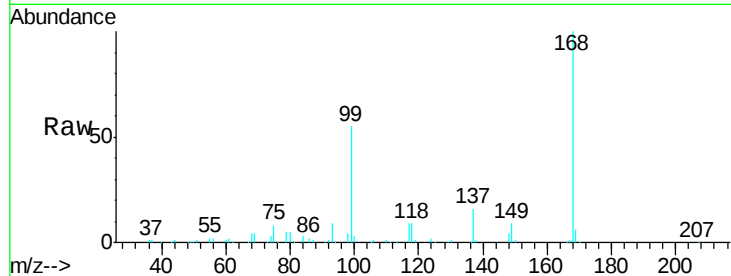
MW-1-(12-14)ME

Tgt Ion:168 Resp: 333646

Ion Ratio Lower Upper

168 100

99 54.8 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

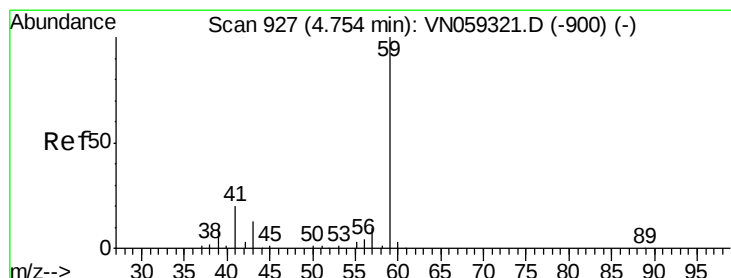
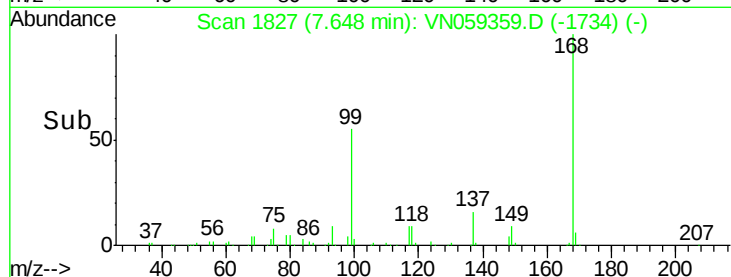
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 1.295 ug/l

RT: 4.72 min Scan# 916

Delta R.T. -0.04 min

Lab File: VN059359.D

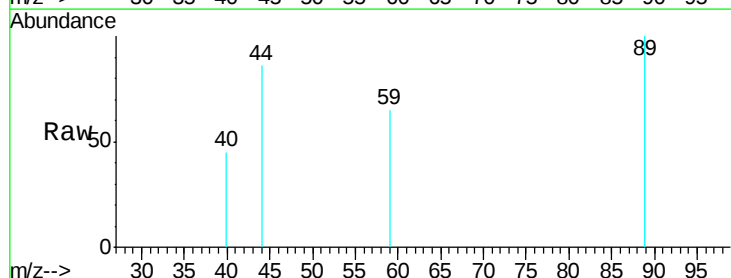
Acq: 22 Nov 2019 13:13

Tgt Ion: 59 Resp: 1038

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.72

400

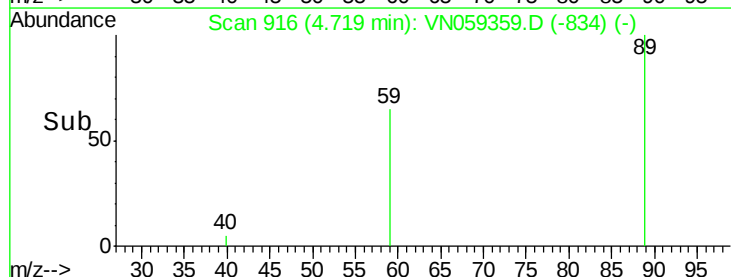
300

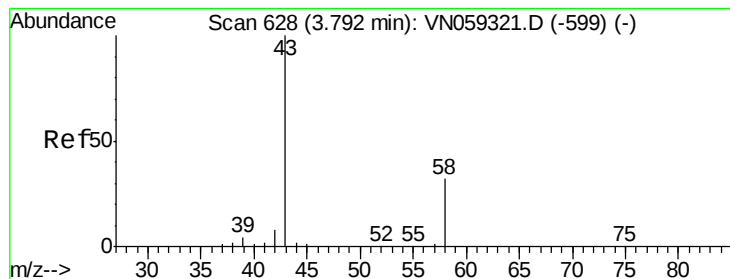
200

100

0

Time--> 4.65 4.70 4.75





#16

Acetone

Concen: 0.323 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059359.D

Acq: 22 Nov 2019 13:13

Instrument :

MSVOA\_N

ClientSampleId :

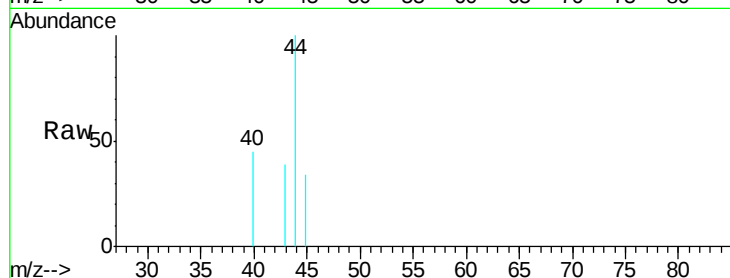
MW-1-(12-14)ME

Tgt Ion: 43 Resp: 579

Ion Ratio Lower Upper

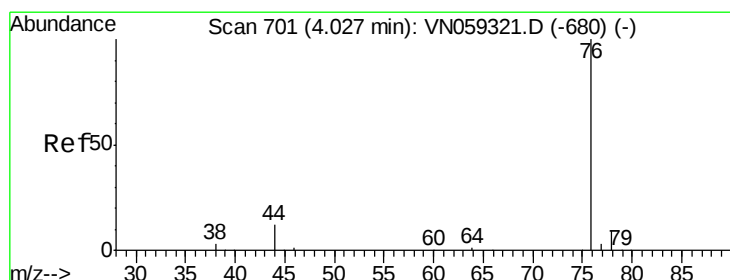
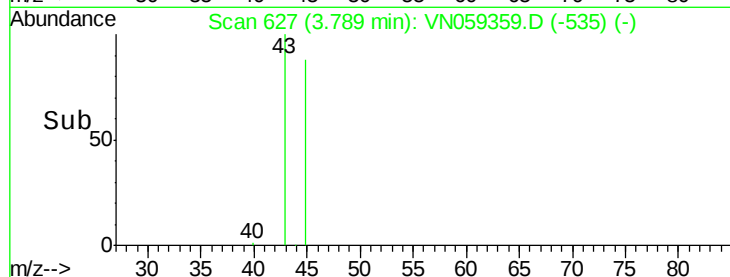
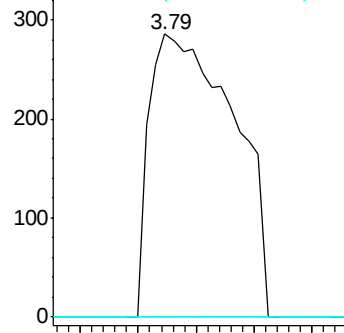
43 100

58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.246 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.01 min

Lab File: VN059359.D

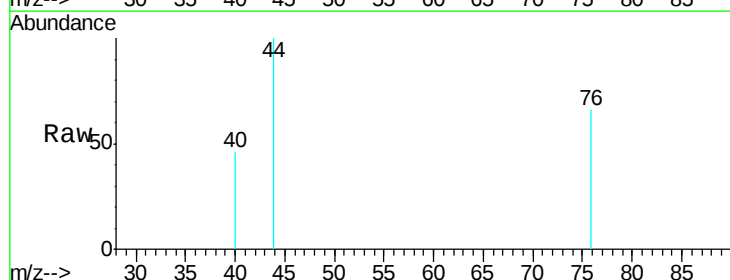
Acq: 22 Nov 2019 13:13

Tgt Ion: 76 Resp: 1198

Ion Ratio Lower Upper

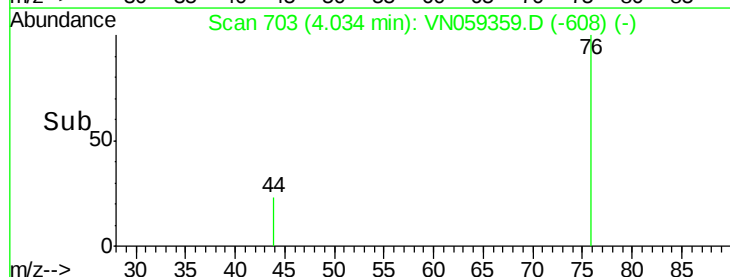
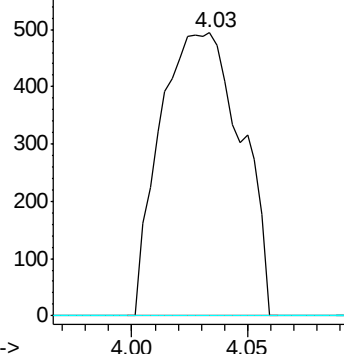
76 100

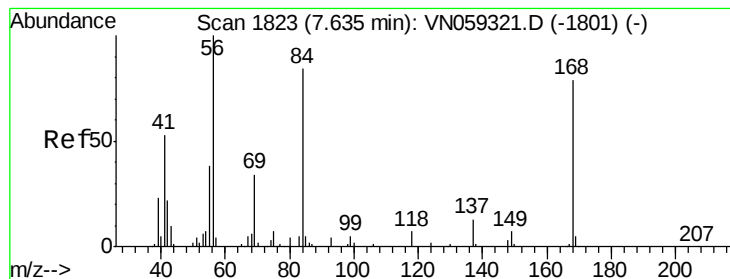
78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#31

Cyclohexane

Concen: 0.850 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN059359.D

Acq: 22 Nov 2019 13:13

Instrument :

MSVOA\_N

ClientSampleId :

MW-1-(12-14)ME

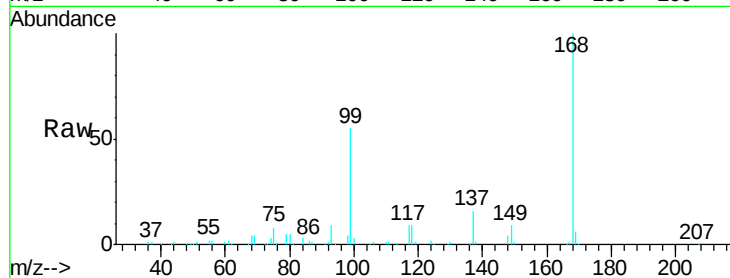
Tgt Ion: 56 Resp: 5989

Ion Ratio Lower Upper

56 100

69 196.0 26.6 40.0#

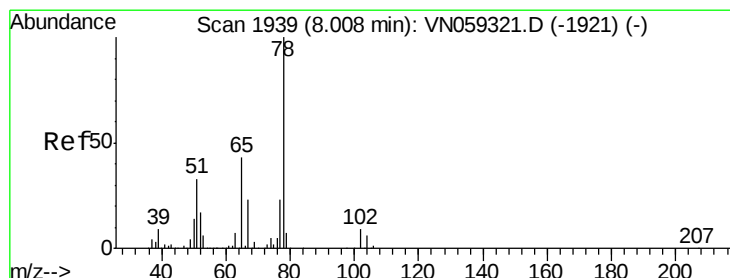
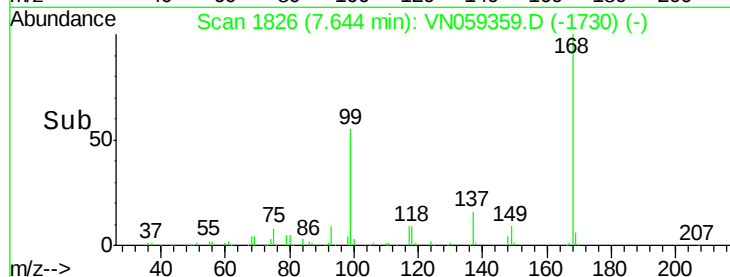
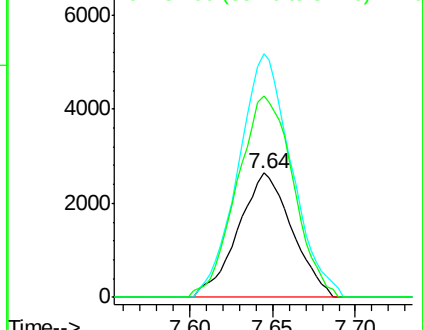
84 162.3 67.0 100.4#



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: 48.190 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059359.D

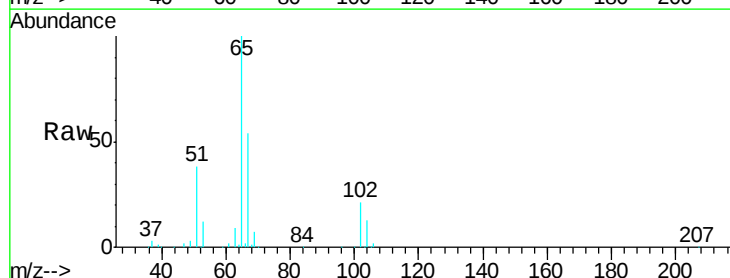
Acq: 22 Nov 2019 13:13

Tgt Ion: 65 Resp: 192915

Ion Ratio Lower Upper

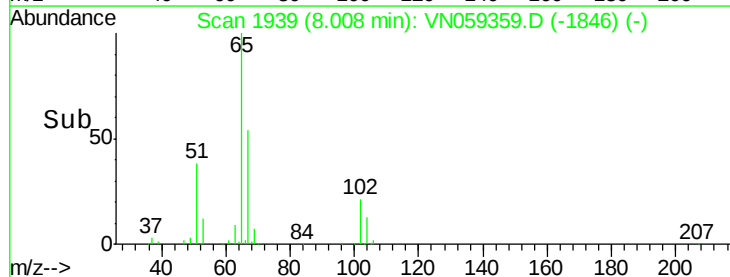
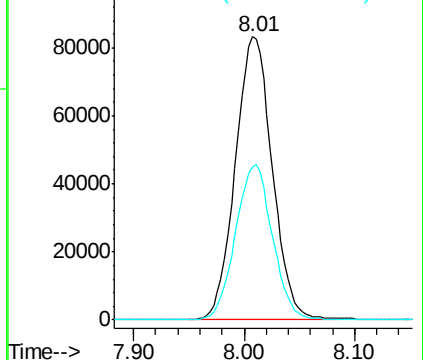
65 100

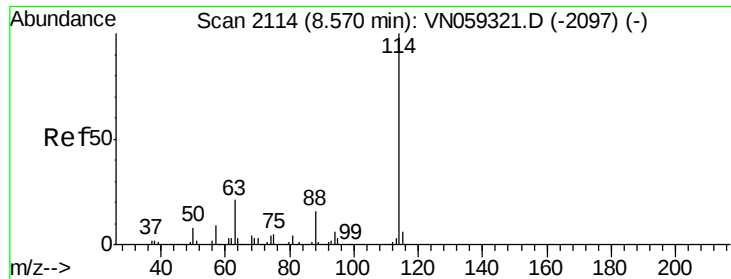
67 55.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

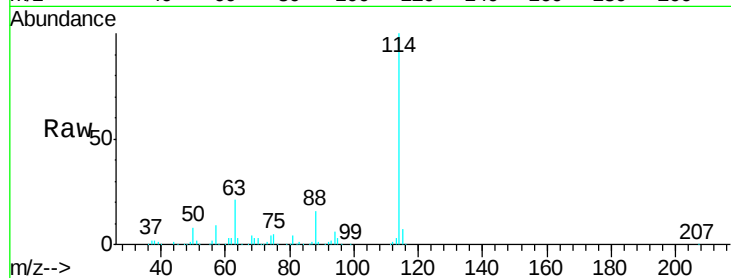




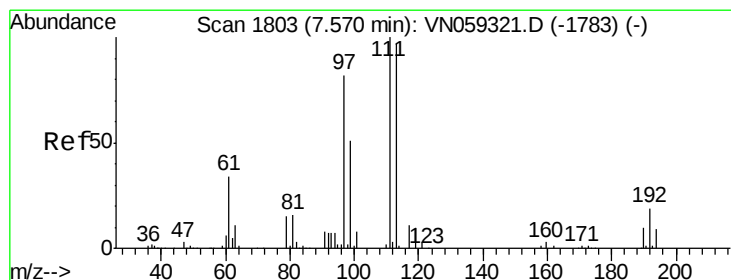
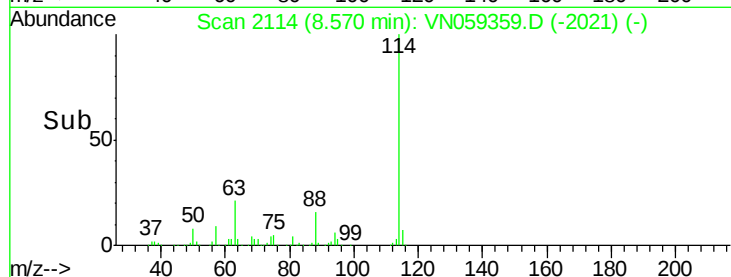
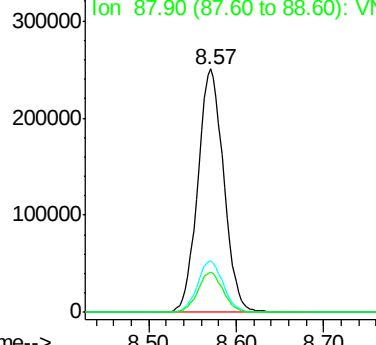
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2114  
 Delta R.T. 0.00 min  
 Lab File: VN059359.D  
 Acq: 22 Nov 2019 13:13

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-1-(12-14)ME

Tgt Ion:114 Resp: 514168  
 Ion Ratio Lower Upper  
 114 100  
 63 21.1 0.0 42.2  
 88 16.4 0.0 32.2

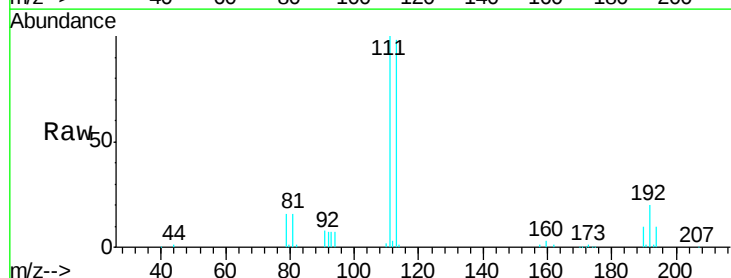


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VNO  
 Ion 87.90 (87.60 to 88.60): VNO

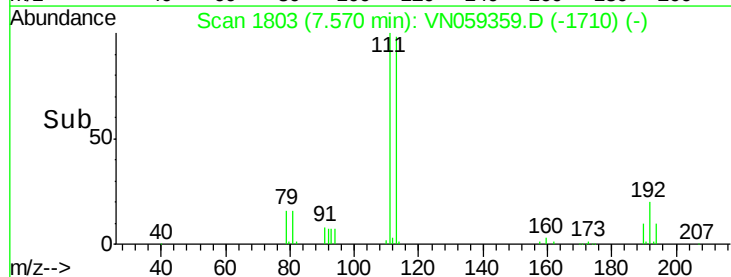
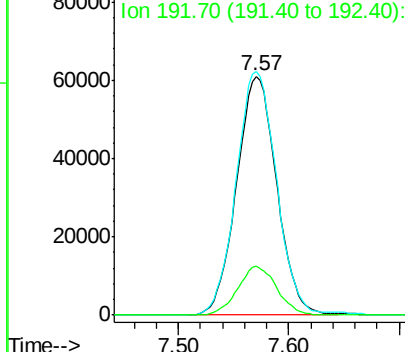


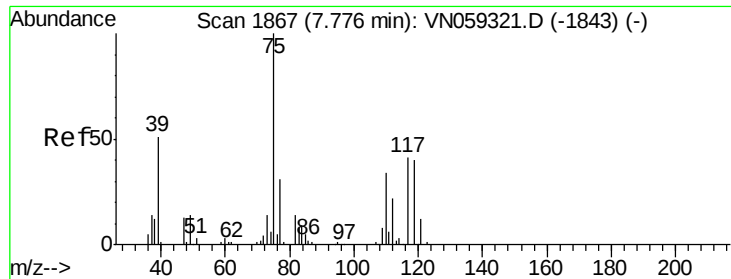
#35  
 Dibromofluoromethane  
 Concen: 49.836 ug/l  
 RT: 7.57 min Scan# 1803  
 Delta R.T. 0.00 min  
 Lab File: VN059359.D  
 Acq: 22 Nov 2019 13:13

Tgt Ion:113 Resp: 153729  
 Ion Ratio Lower Upper  
 113 100  
 111 102.3 82.7 124.1  
 192 19.9 16.3 24.5



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

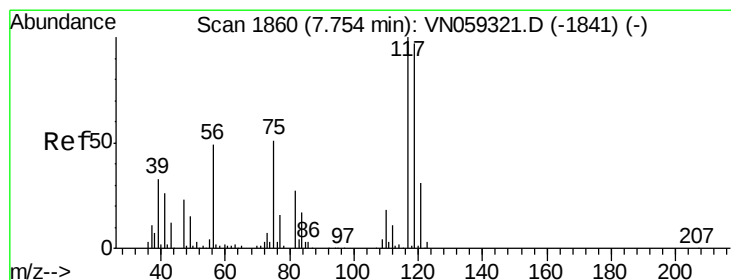
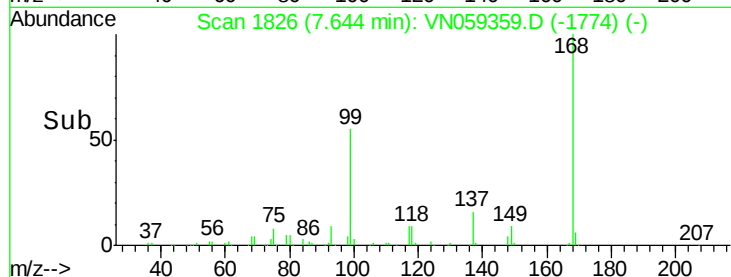
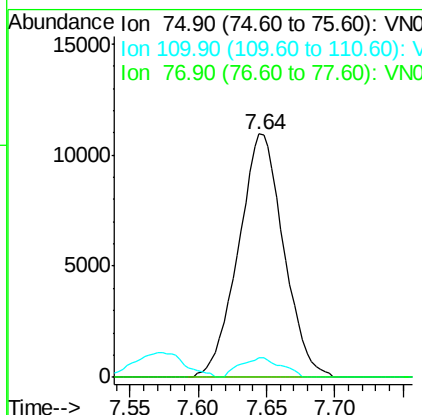
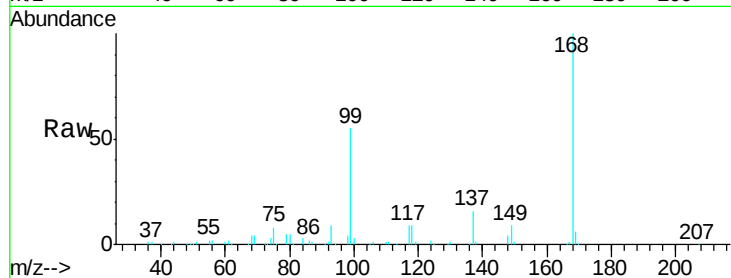




#36  
 1,1-Dichloropropene  
 Concen: 4.742 ug/l  
 RT: 7.64 min Scan# 1826  
 Delta R.T. -0.13 min  
 Lab File: VN059359.D  
 Acq: 22 Nov 2019 13:13

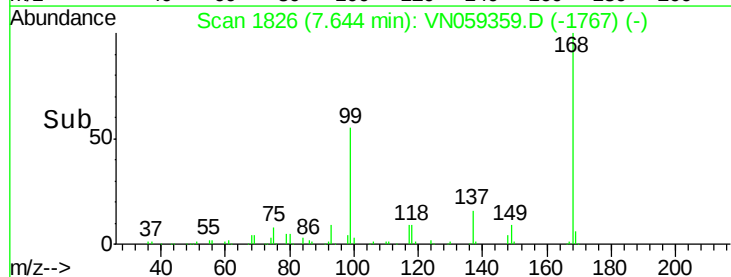
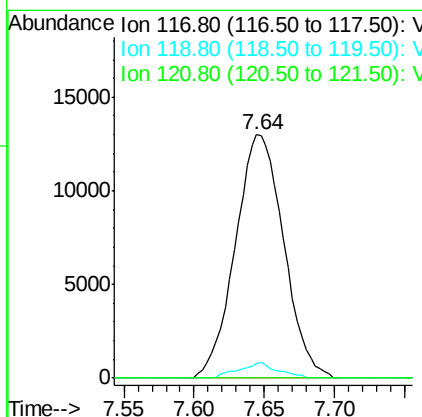
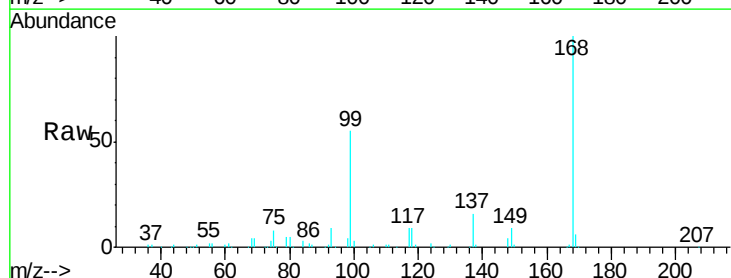
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-1-(12-14)ME

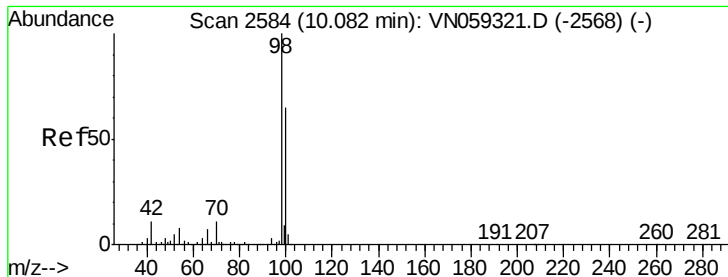
Tgt Ion: 75 Resp: 25170  
 Ion Ratio Lower Upper  
 75 100  
 110 7.3 17.0 51.0#  
 77 0.0 24.8 37.2#



#38  
 Carbon Tetrachloride  
 Concen: 6.129 ug/l  
 RT: 7.64 min Scan# 1826  
 Delta R.T. -0.11 min  
 Lab File: VN059359.D  
 Acq: 22 Nov 2019 13:13

Tgt Ion: 117 Resp: 31146  
 Ion Ratio Lower Upper  
 117 100  
 119 6.1 77.0 115.4#  
 121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 50.446 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059359.D

Acq: 22 Nov 2019 13:13

Instrument :

MSVOA\_N

ClientSampleId :

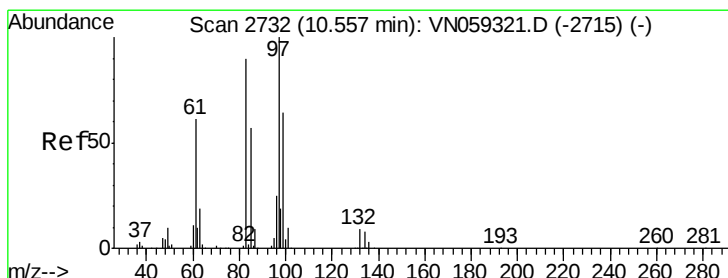
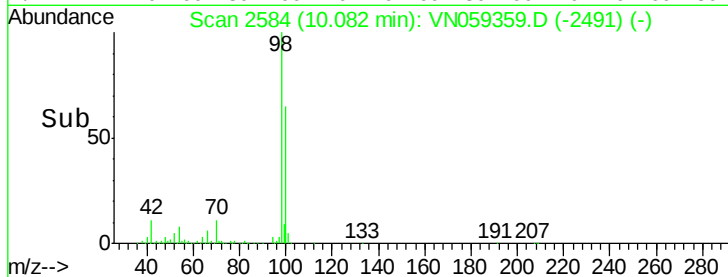
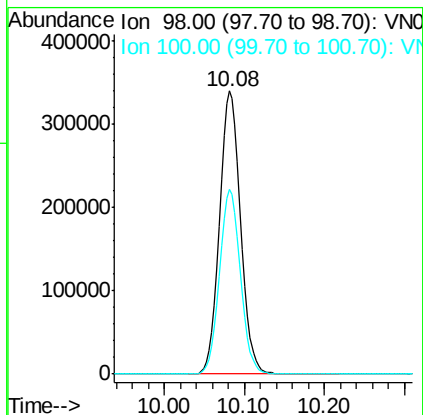
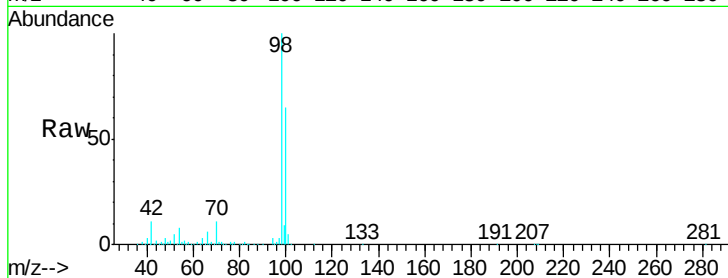
MW-1-(12-14)ME

Tgt Ion: 98 Resp: 618631

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5



#55

1,1,2-Trichloroethane

Concen: 1.193 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN059359.D

Acq: 22 Nov 2019 13:13

Tgt Ion: 97 Resp: 4344

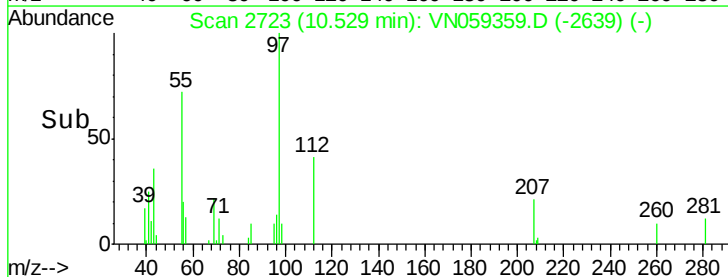
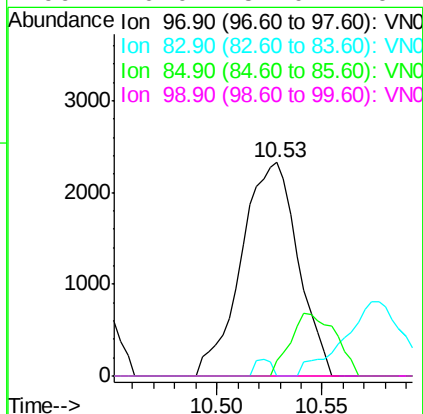
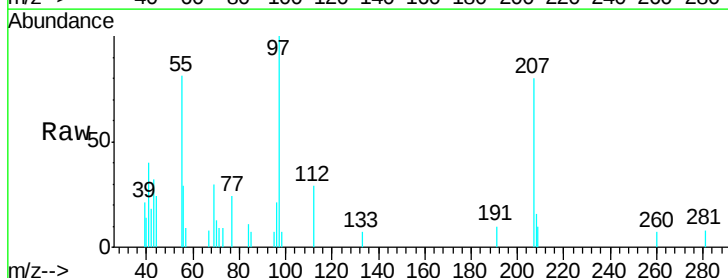
Ion Ratio Lower Upper

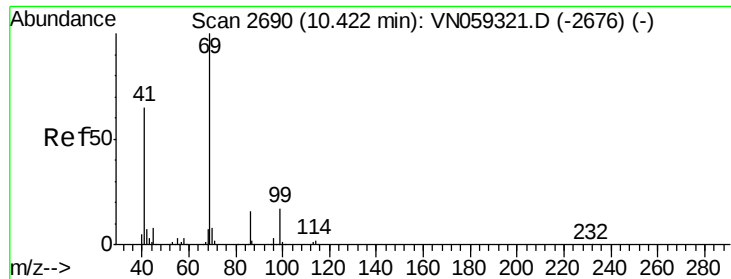
97 100

83 0.0 72.0 108.0#

85 7.1 45.8 68.6#

99 0.0 51.0 76.4#





#56

Ethyl methacrylate

Concen: 2.473 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN059359.D

Acq: 22 Nov 2019 13:13

Instrument :

MSVOA\_N

ClientSampleId :

MW-1-(12-14)ME

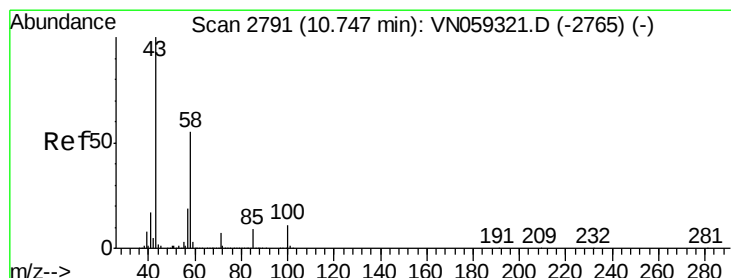
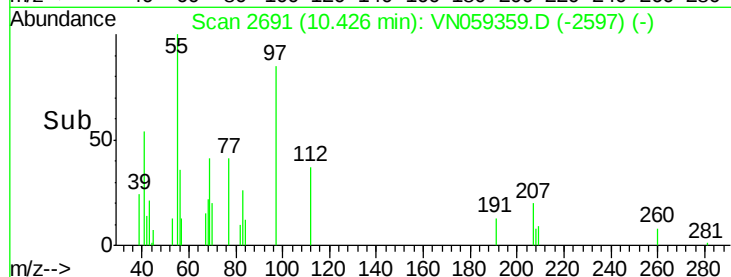
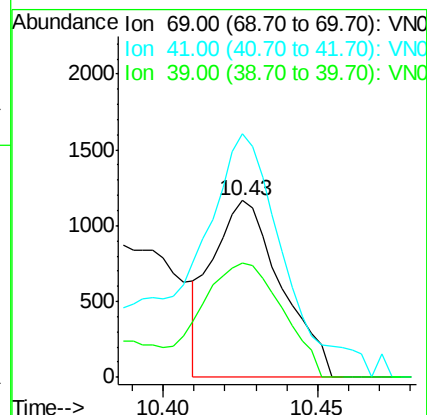
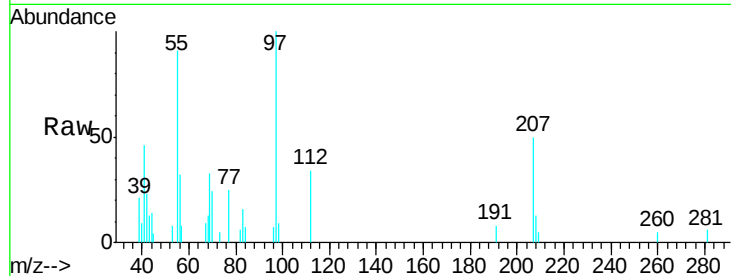
Tgt Ion: 69 Resp: 1803

Ion Ratio Lower Upper

69 100

41 221.7 51.7 77.5#

39 77.6 25.2 37.8#



#59

2-Hexanone

Concen: 10.212 ug/l

RT: 10.72 min Scan# 2781

Delta R.T. -0.03 min

Lab File: VN059359.D

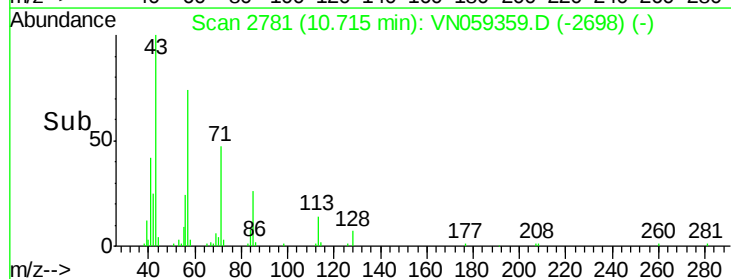
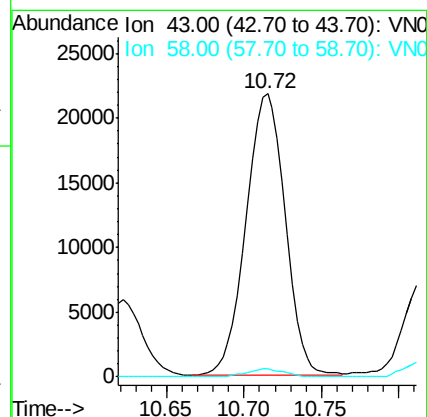
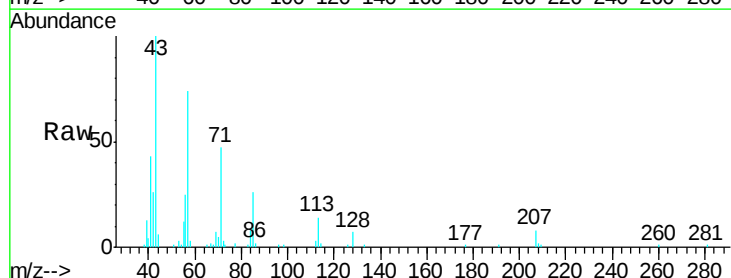
Acq: 22 Nov 2019 13:13

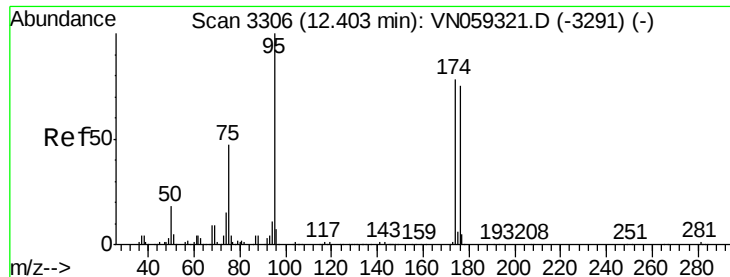
Tgt Ion: 43 Resp: 38159

Ion Ratio Lower Upper

43 100

58 2.8 27.7 83.0#

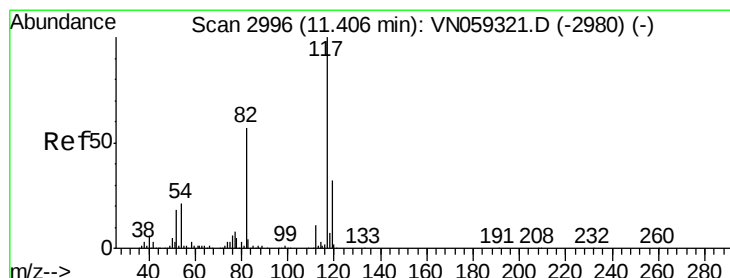
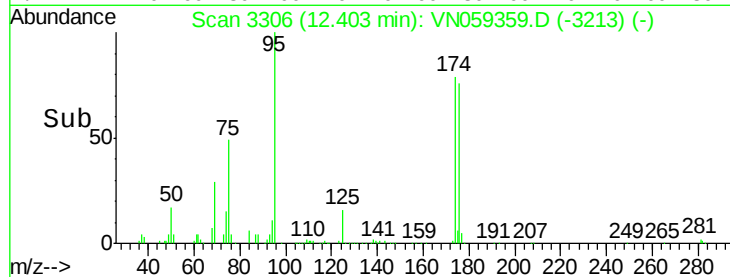
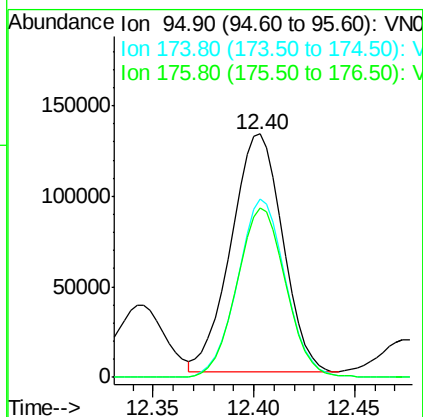
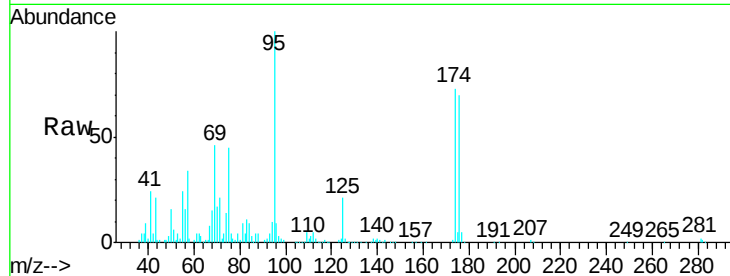




#62  
4-Bromofluorobenzene  
Concen: 54.643 ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. 0.00 min  
Lab File: VN059359.D  
Acq: 22 Nov 2019 13:13

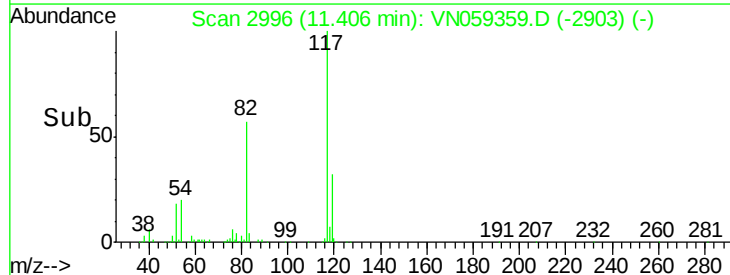
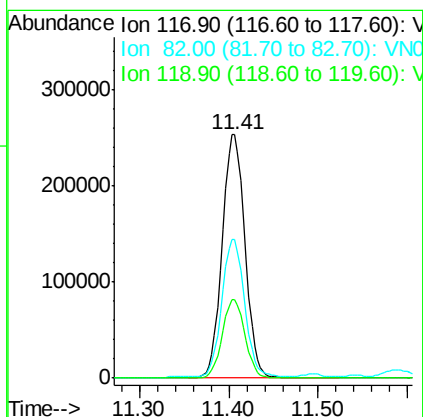
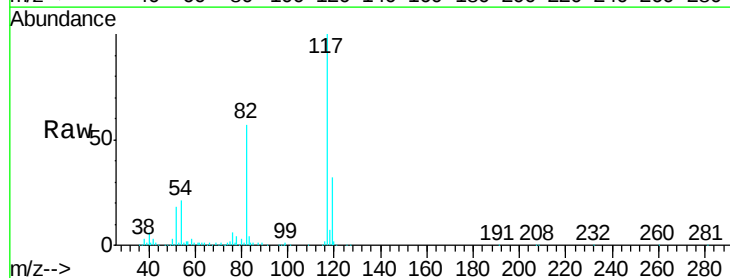
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-1-(12-14)ME

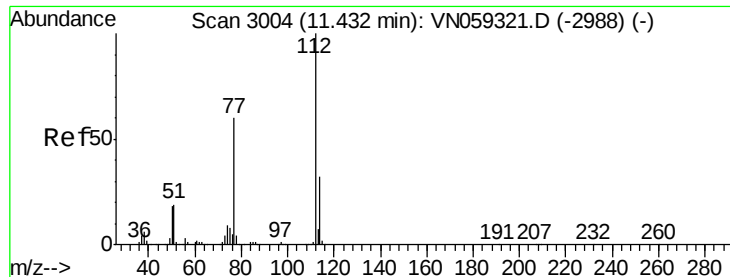
Tgt Ion: 95 Resp: 234301  
Ion Ratio Lower Upper  
95 100  
174 70.4 0.0 157.4  
176 68.0 0.0 151.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN059359.D  
Acq: 22 Nov 2019 13:13

Tgt Ion: 117 Resp: 448348  
Ion Ratio Lower Upper  
117 100  
82 56.2 45.7 68.5  
119 32.1 25.8 38.6





#65

Chlorobenzene

Concen: 0.305 ug/l

RT: 11.54 min Scan# 3038

Delta R.T. 0.11 min

Lab File: VN059359.D

Acq: 22 Nov 2019 13:13

Instrument :

MSVOA\_N

ClientSampleId :

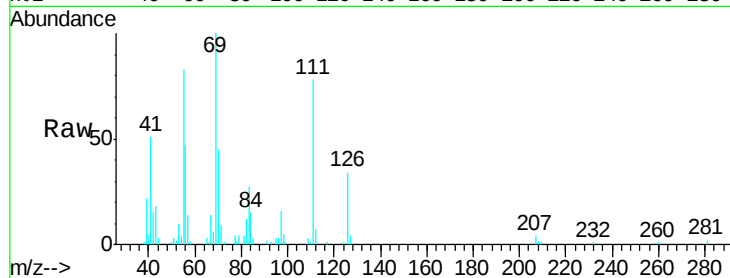
MW-1-(12-14)ME

Tgt Ion:112 Resp: 2942

Ion Ratio Lower Upper

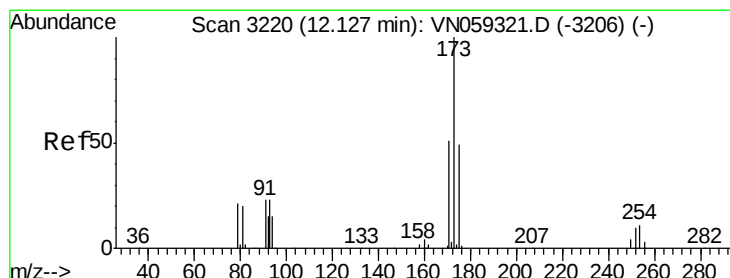
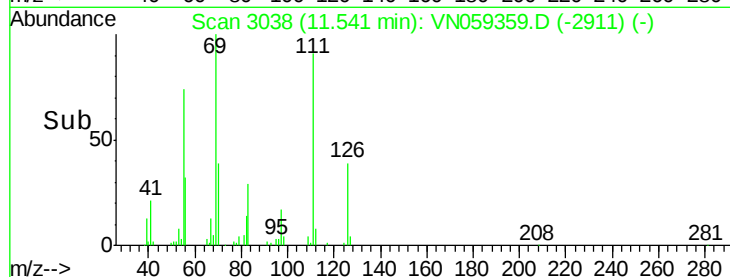
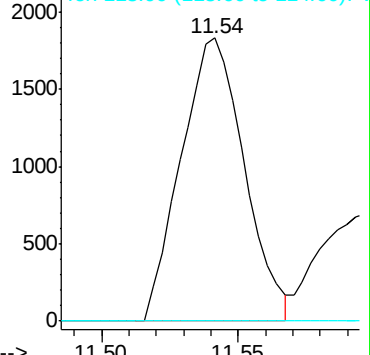
112 100

114 0.0 25.8 38.6#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#71

Bromoform

Concen: 0.400 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN059359.D

Acq: 22 Nov 2019 13:13

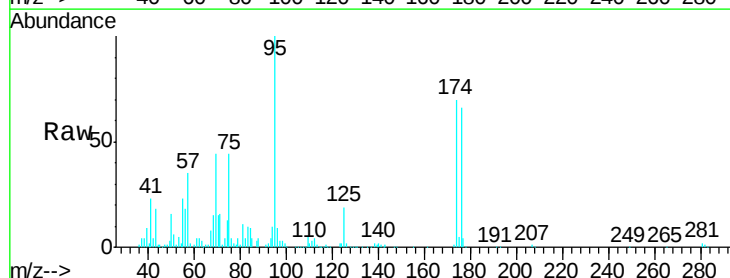
Tgt Ion:173 Resp: 1062

Ion Ratio Lower Upper

173 100

175 974.4 24.6 73.6#

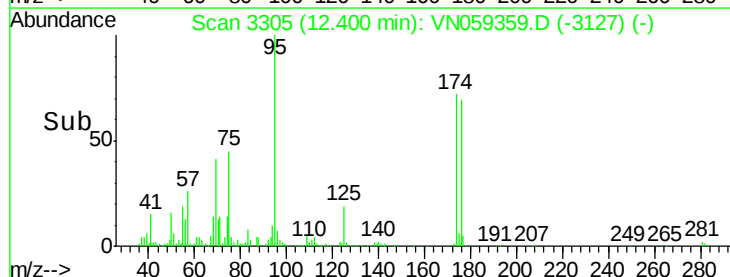
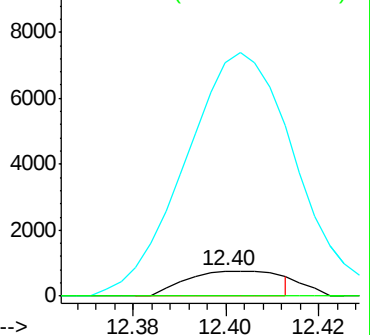
254 0.0 0.1 0.1#

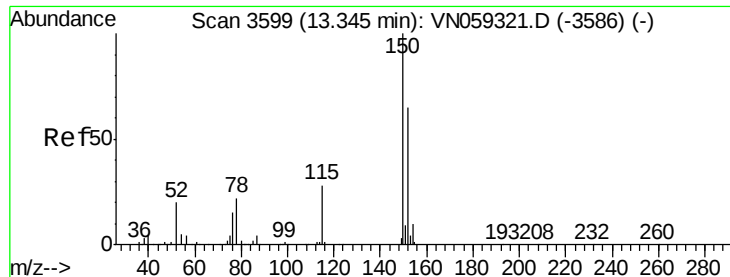


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059359.D

Acq: 22 Nov 2019 13:13

Instrument :

MSVOA\_N

ClientSampleId :

MW-1-(12-14)ME

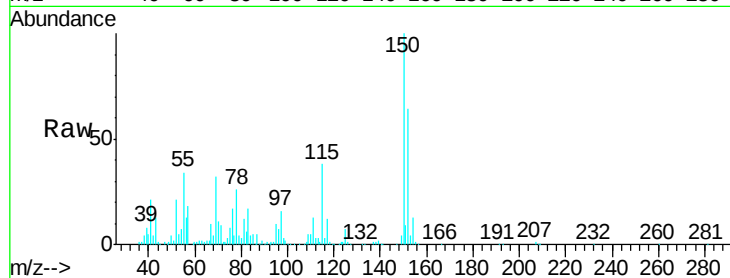
Tgt Ion:152 Resp: 194529

Ion Ratio Lower Upper

152 100

115 55.8 29.3 88.0

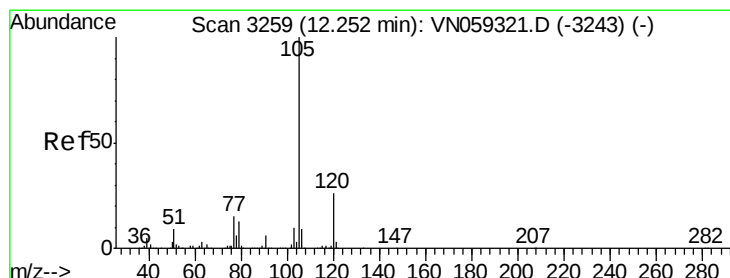
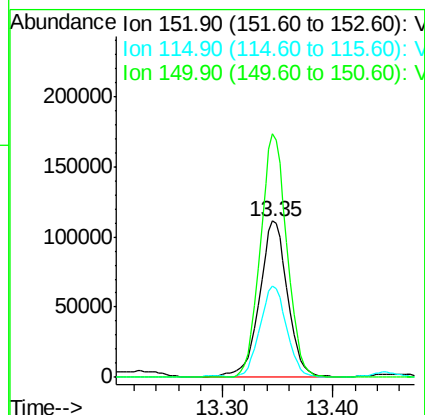
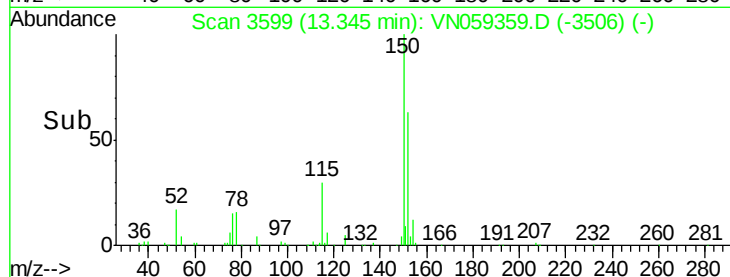
150 148.4 0.0 346.0



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



#73

Isopropylbenzene

Concen: 3.010 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059359.D

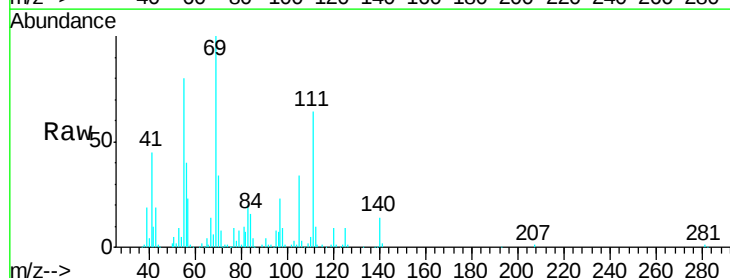
Acq: 22 Nov 2019 13:13

Tgt Ion:105 Resp: 47971

Ion Ratio Lower Upper

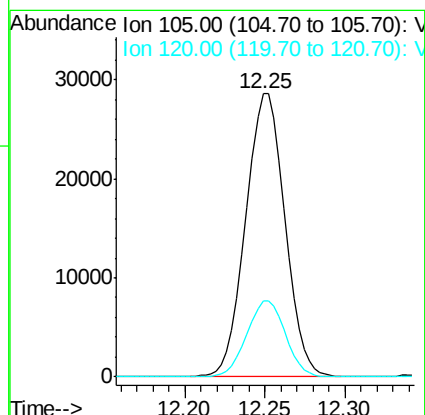
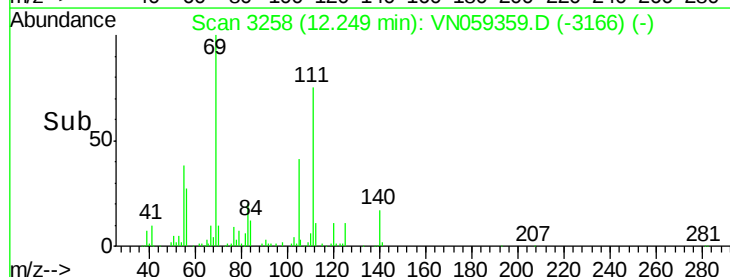
105 100

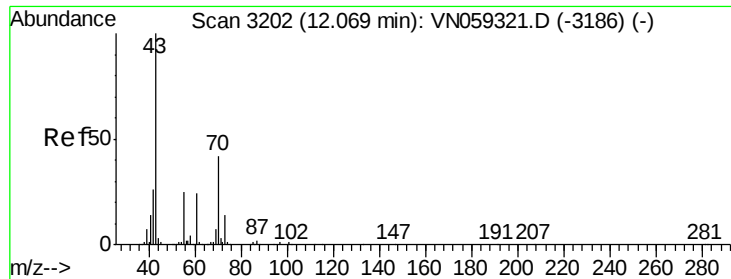
120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 75.836 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN059359.D

Acq: 22 Nov 2019 13:13

Instrument :

MSVOA\_N

ClientSampleId :

MW-1-(12-14)ME

Tgt Ion: 43 Resp: 485675

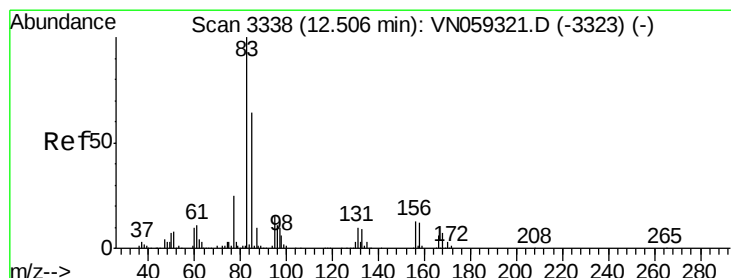
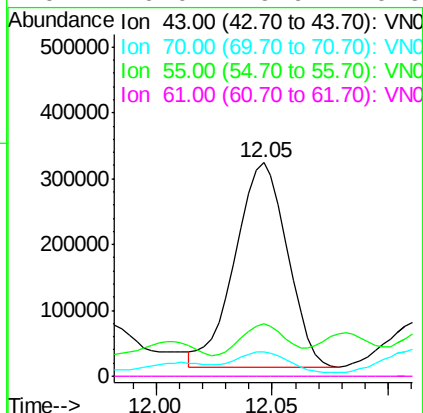
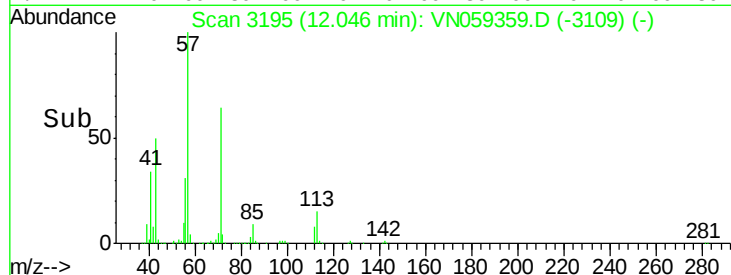
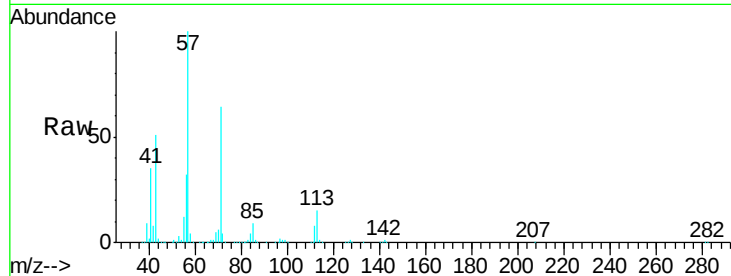
Ion Ratio Lower Upper

43 100

70 10.6 33.8 50.6#

55 15.7 20.3 30.5#

61 0.0 19.9 29.9#



#75

1,1,2,2-Tetrachloroethane

Concen: 6.719 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.03 min

Lab File: VN059359.D

Acq: 22 Nov 2019 13:13

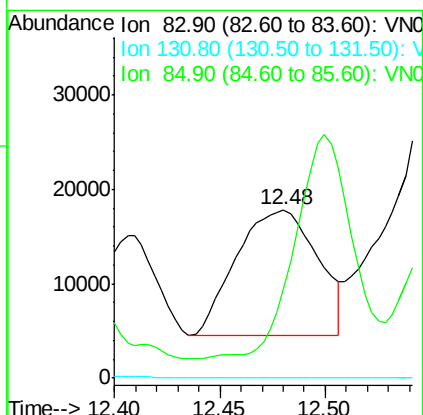
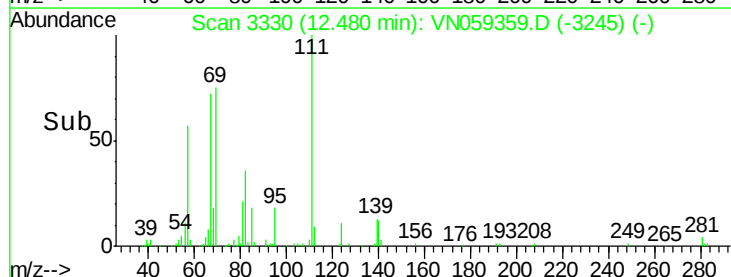
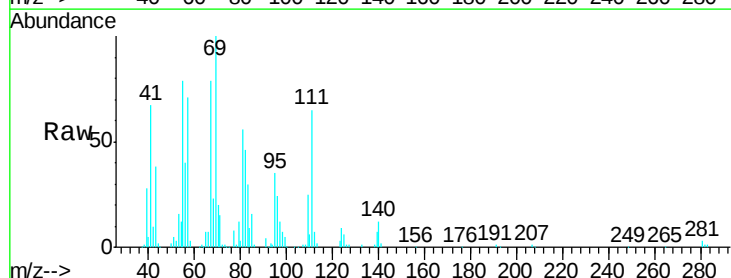
Tgt Ion: 83 Resp: 35421

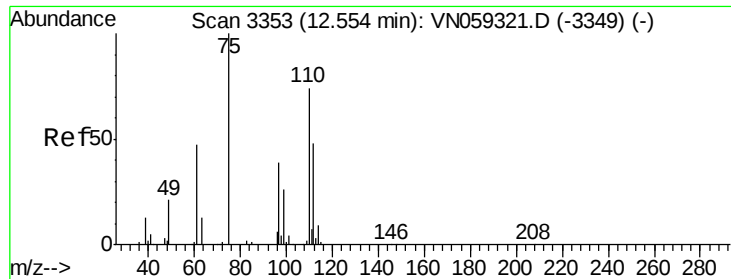
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 125.6 32.1 96.3#





#76

1,2,3-Trichloropropane

Concen: 22.714 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059359.D

Acq: 22 Nov 2019 13:13

Instrument :

MSVOA\_N

ClientSampleId :

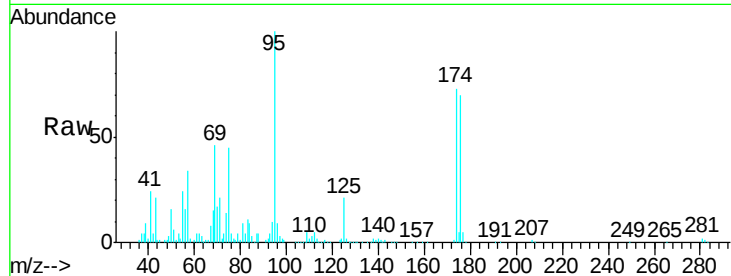
MW-1-(12-14)ME

Tgt Ion: 75 Resp: 102077

Ion Ratio Lower Upper

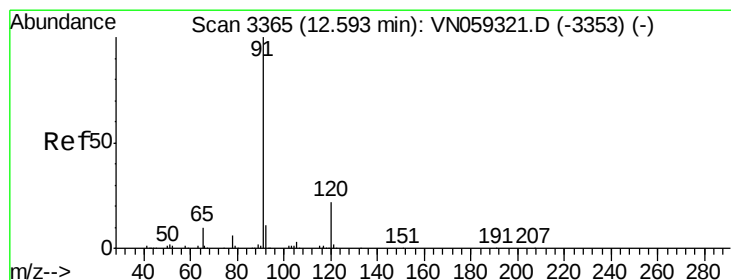
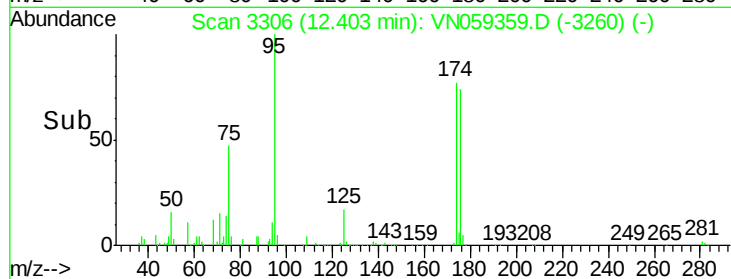
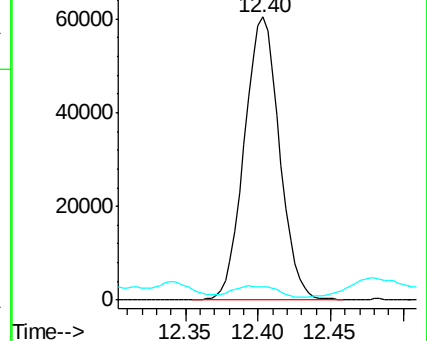
75 100

77 4.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 3.825 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059359.D

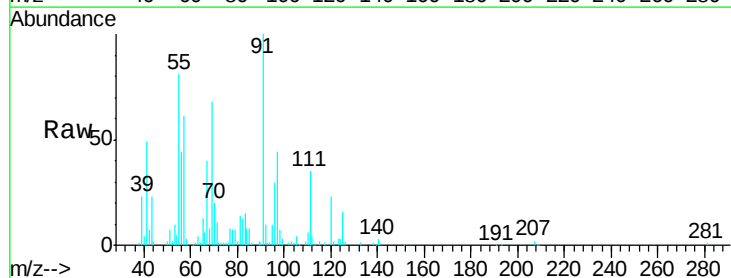
Acq: 22 Nov 2019 13:13

Tgt Ion: 91 Resp: 69044

Ion Ratio Lower Upper

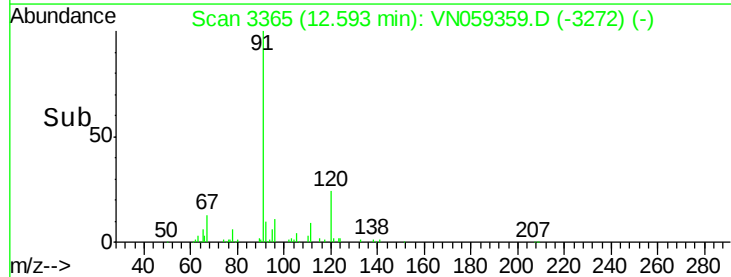
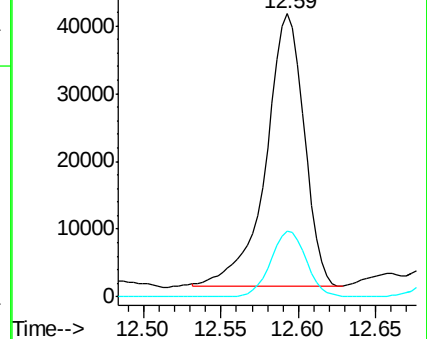
91 100

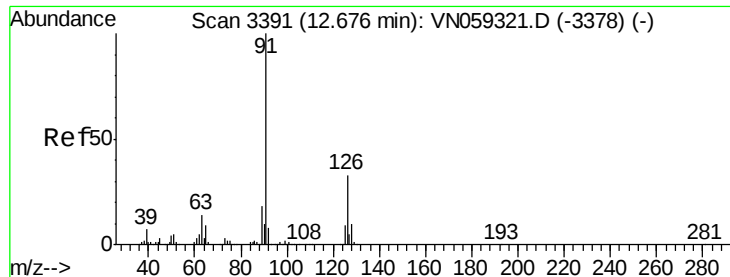
120 22.5 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.250 ug/l

RT: 12.66 min Scan# 3386

Delta R.T. -0.02 min

Lab File: VN059359.D

Acq: 22 Nov 2019 13:13

Instrument :

MSVOA\_N

ClientSampleId :

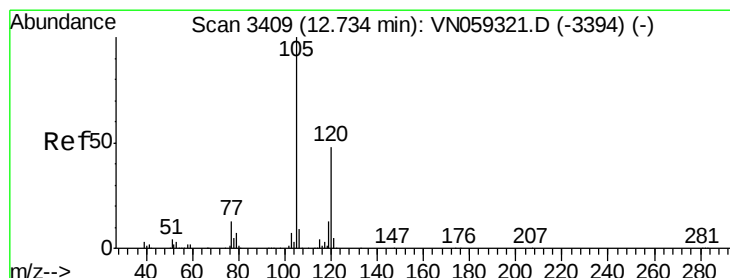
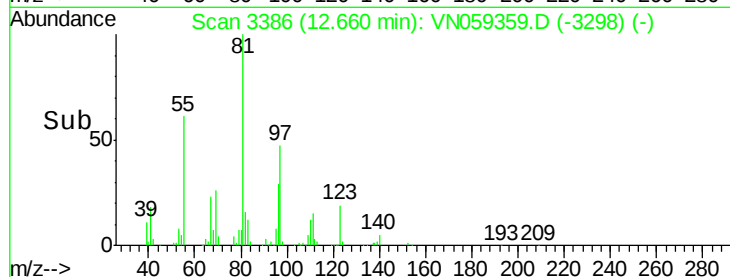
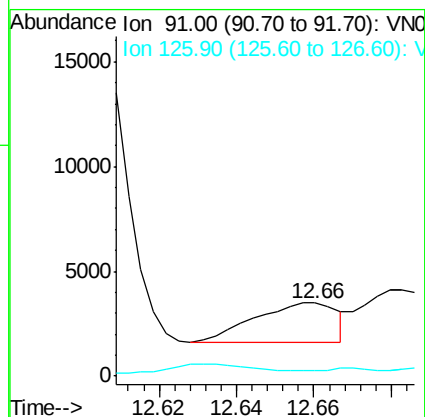
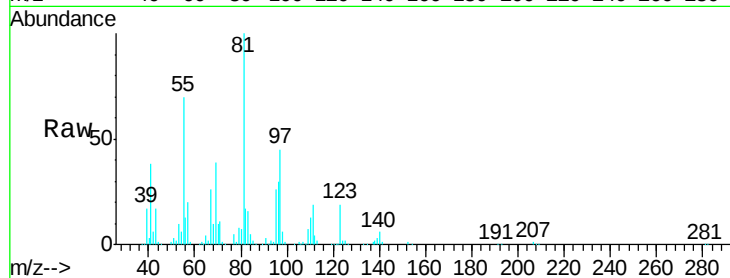
MW-1-(12-14)ME

Tgt Ion: 91 Resp: 2773

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.1#



#80

1,3,5-Trimethylbenzene

Concen: 1.613 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. -0.04 min

Lab File: VN059359.D

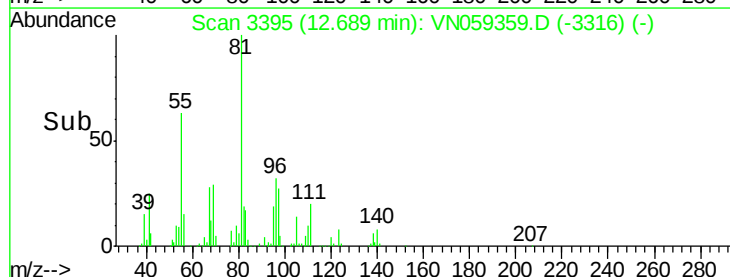
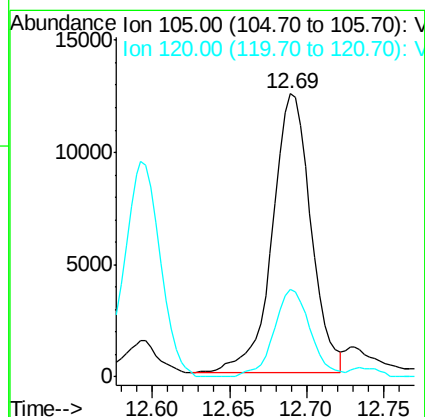
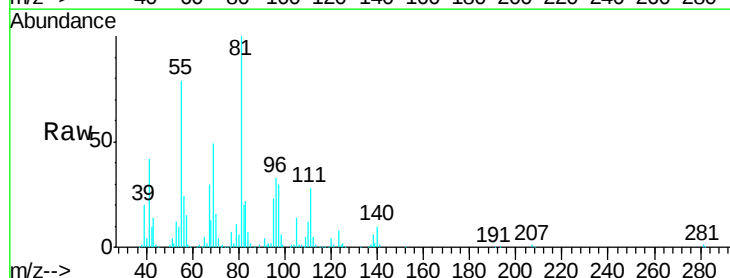
Acq: 22 Nov 2019 13:13

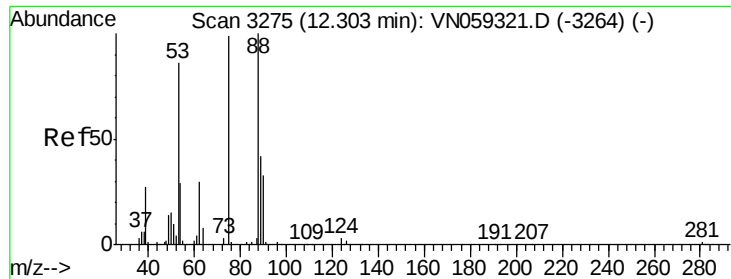
Tgt Ion: 105 Resp: 21607

Ion Ratio Lower Upper

105 100

120 29.7 24.1 72.4

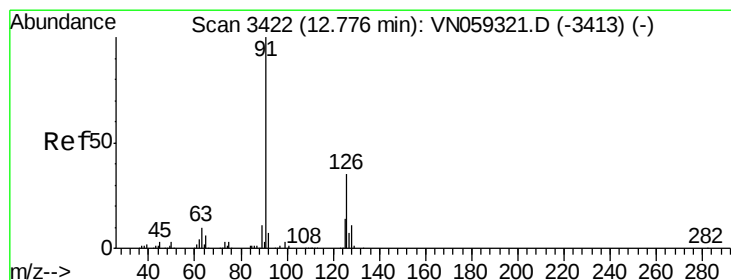
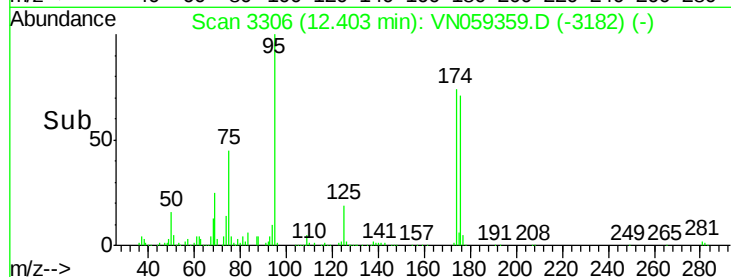
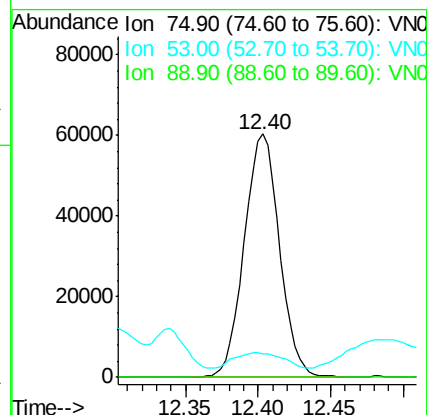
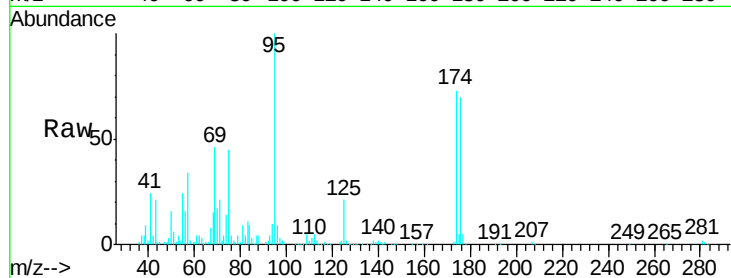




#81  
trans-1,4-Dichloro-2-butene  
Concen: 56.810 ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. 0.10 min  
Lab File: VN059359.D  
Acq: 22 Nov 2019 13:13

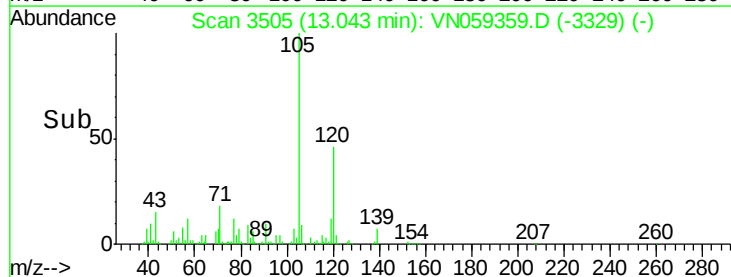
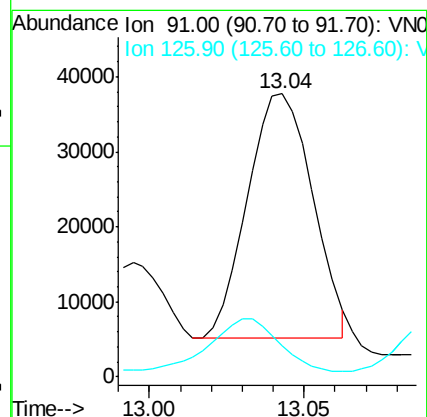
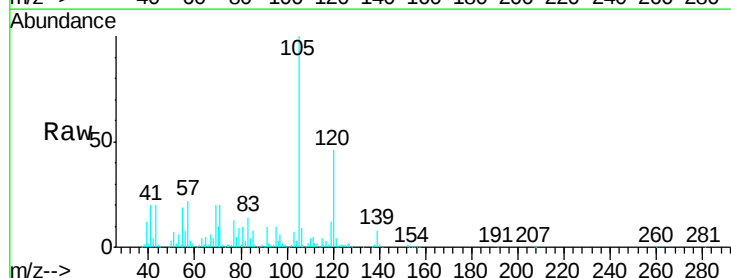
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-1-(12-14)ME

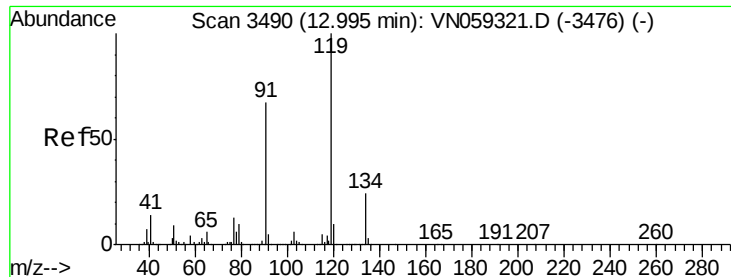
Tgt Ion: 75 Resp: 102077  
Ion Ratio Lower Upper  
75 100  
53 8.9 70.7 106.1#  
89 0.0 35.4 53.0#



#82  
4-Chlorotoluene  
Concen: 4.165 ug/l  
RT: 13.04 min Scan# 3505  
Delta R.T. 0.27 min  
Lab File: VN059359.D  
Acq: 22 Nov 2019 13:13

Tgt Ion: 91 Resp: 47758  
Ion Ratio Lower Upper  
91 100  
126 23.6 16.2 48.6

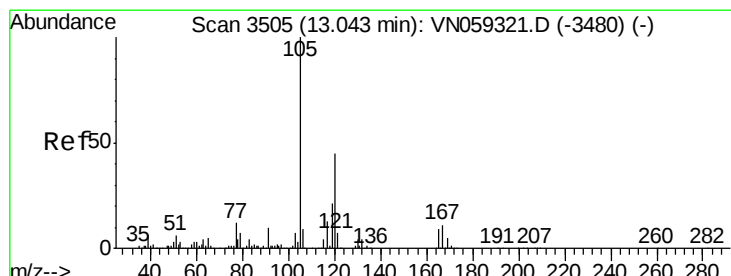
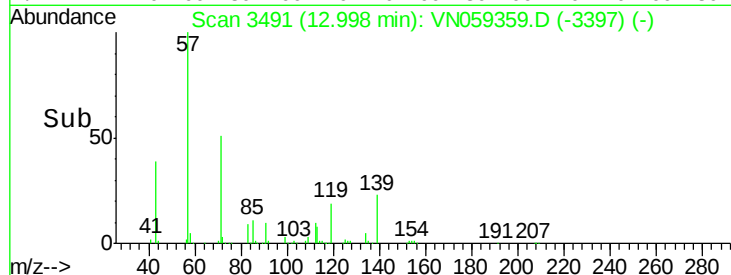
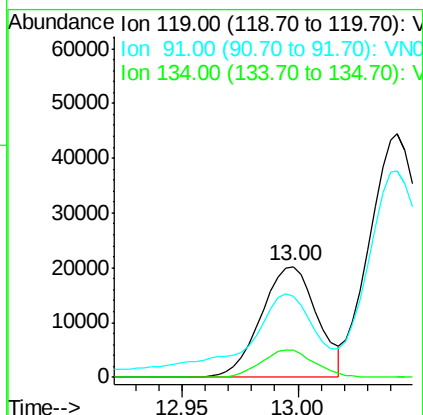
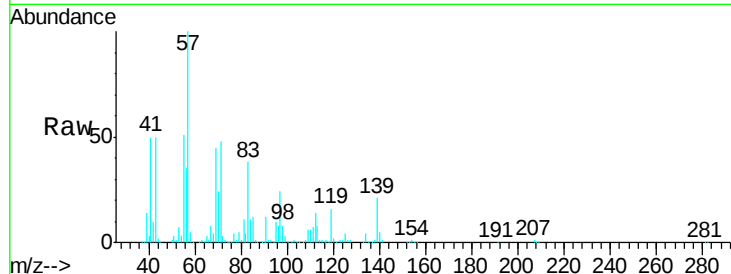




#83  
 tert-Butylbenzene  
 Concen: 3.020 ug/l  
 RT: 13.00 min Scan# 3491  
 Delta R.T. 0.00 min  
 Lab File: VN059359.D  
 Acq: 22 Nov 2019 13:13

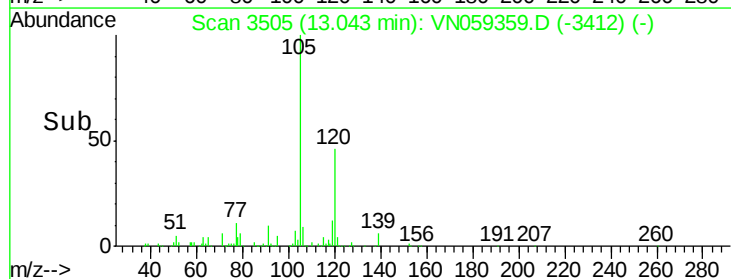
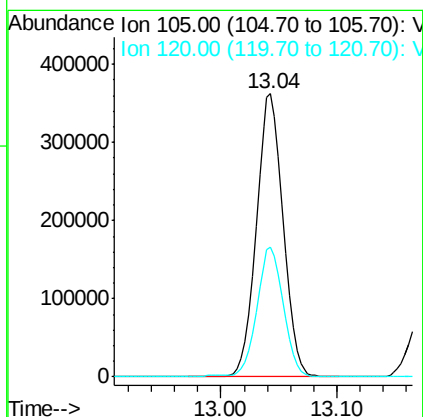
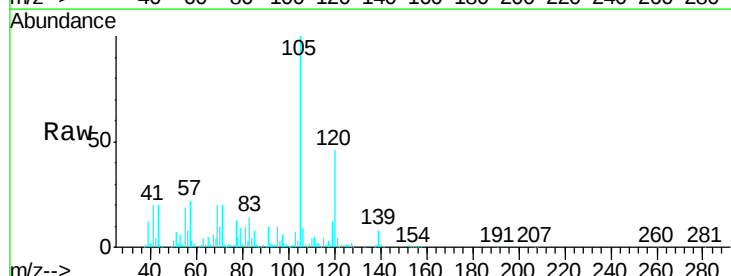
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-1-(12-14)ME

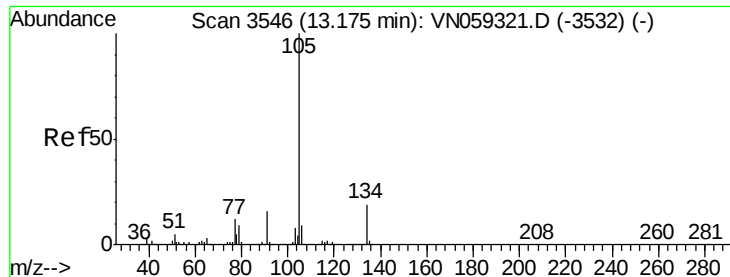
Tgt Ion:119 Resp: 34163  
 Ion Ratio Lower Upper  
 119 100  
 91 73.9 32.8 98.4  
 134 23.3 13.0 38.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 44.332 ug/l  
 RT: 13.04 min Scan# 3505  
 Delta R.T. 0.00 min  
 Lab File: VN059359.D  
 Acq: 22 Nov 2019 13:13

Tgt Ion:105 Resp: 581742  
 Ion Ratio Lower Upper  
 105 100  
 120 45.2 22.6 67.8





#85

sec-Butylbenzene

Concen: 9.036 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059359.D

Acq: 22 Nov 2019 13:13

Instrument :

MSVOA\_N

ClientSampleId :

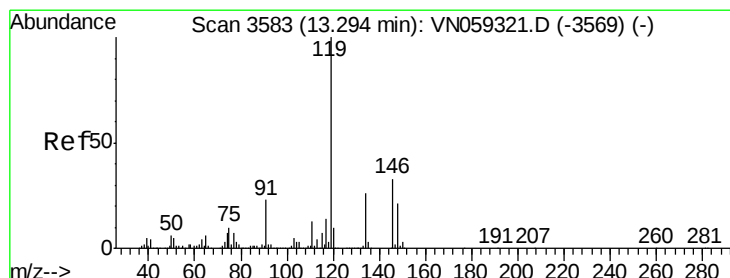
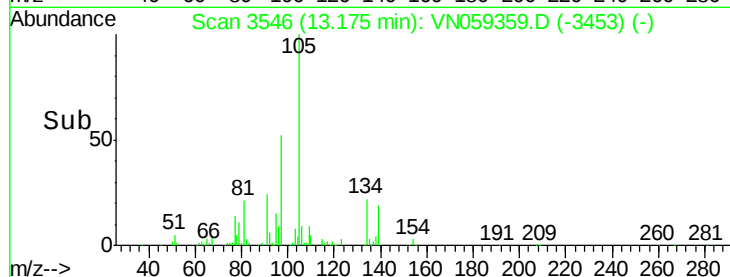
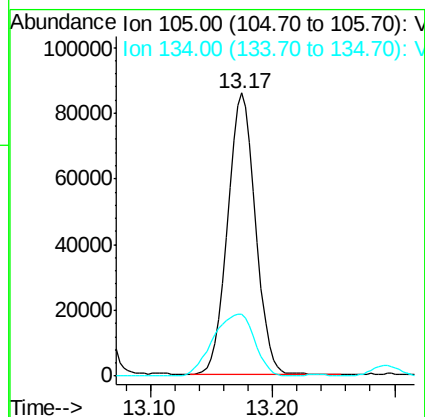
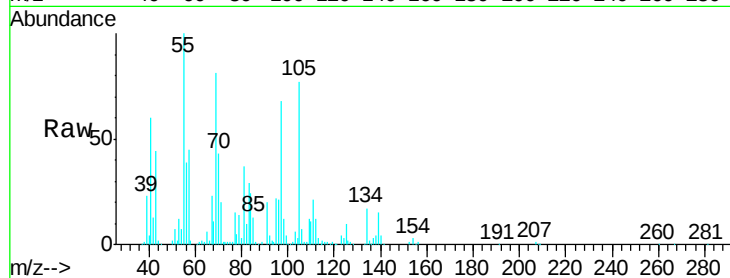
MW-1-(12-14)ME

Tgt Ion:105 Resp: 137401

Ion Ratio Lower Upper

105 100

134 32.9 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 1.525 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN059359.D

Acq: 22 Nov 2019 13:13

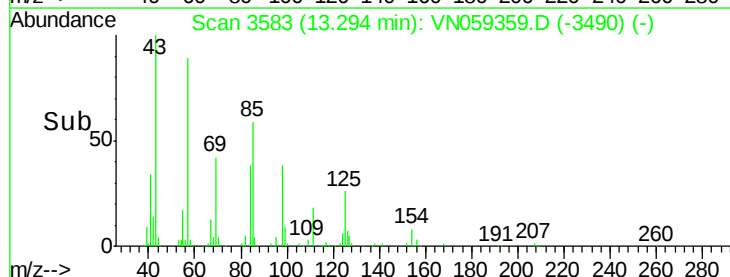
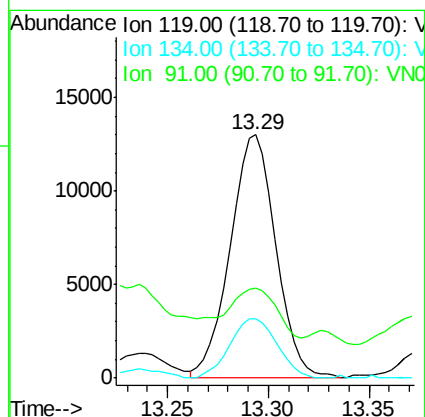
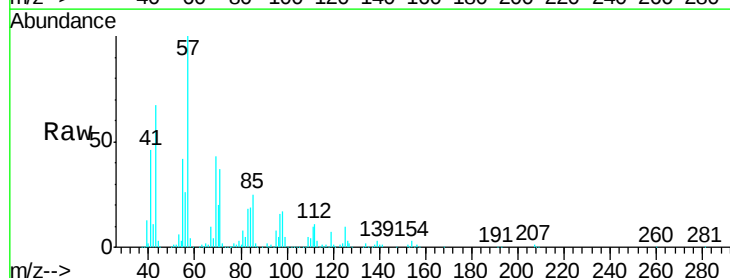
Tgt Ion:119 Resp: 20633

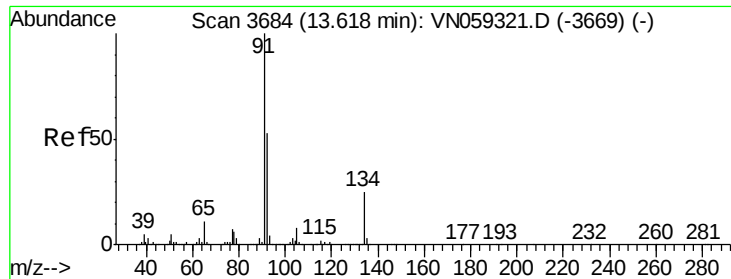
Ion Ratio Lower Upper

119 100

134 25.3 13.0 38.9

91 19.4 11.6 34.7





#89

n-Butylbenzene

Concen: 10.377 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059359.D

Acq: 22 Nov 2019 13:13

Instrument :

MSVOA\_N

ClientSampleId :

MW-1-(12-14)ME

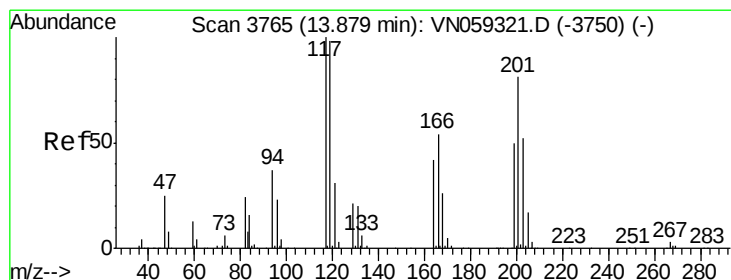
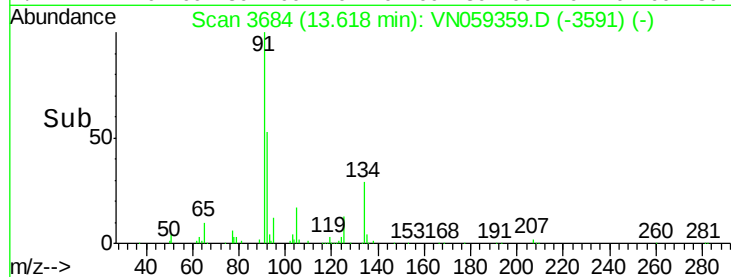
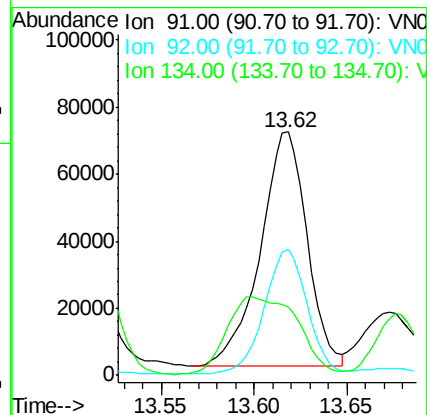
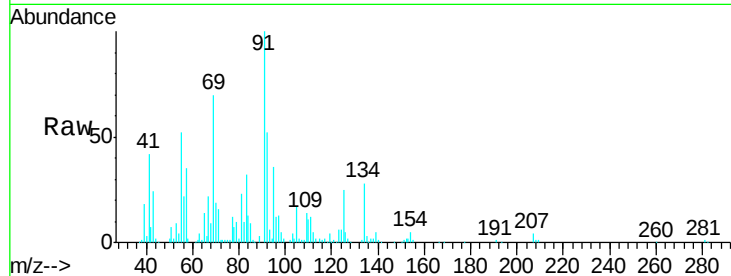
Tgt Ion: 91 Resp: 123178

Ion Ratio Lower Upper

91 100

92 49.4 26.0 78.0

134 50.4 12.7 38.1#



#90

Hexachloroethane

Concen: 16.216 ug/l

RT: 13.89 min Scan# 3770

Delta R.T. 0.02 min

Lab File: VN059359.D

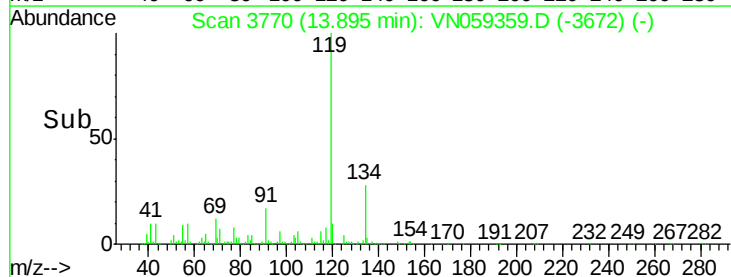
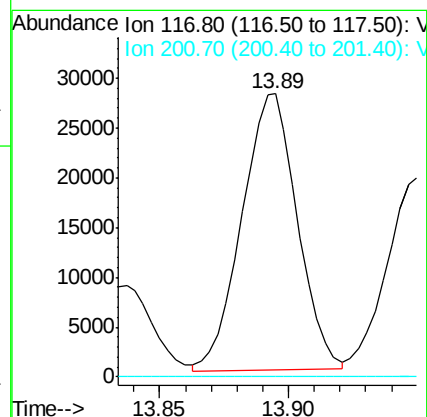
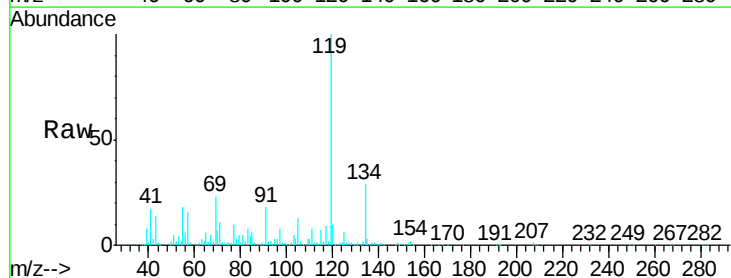
Acq: 22 Nov 2019 13:13

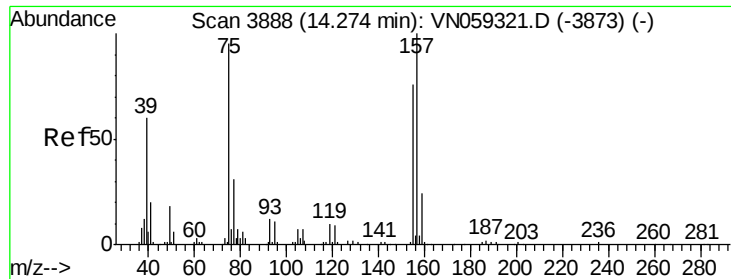
Tgt Ion: 117 Resp: 41555

Ion Ratio Lower Upper

117 100

201 0.0 40.4 121.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.917 ug/l

RT: 14.25 min Scan# 3881

Delta R.T. -0.02 min

Lab File: VN059359.D

Acq: 22 Nov 2019 13:13

Instrument :

MSVOA\_N

ClientSampleId :

MW-1-(12-14)ME

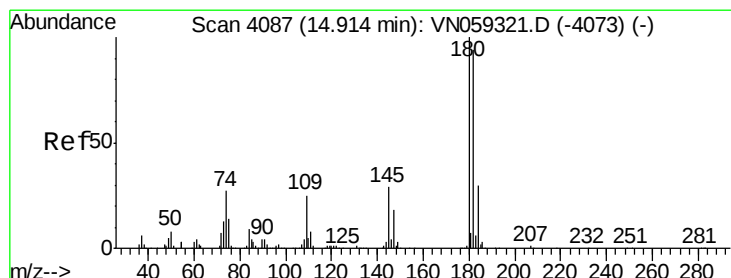
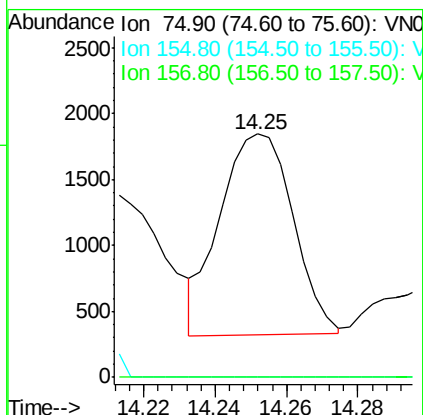
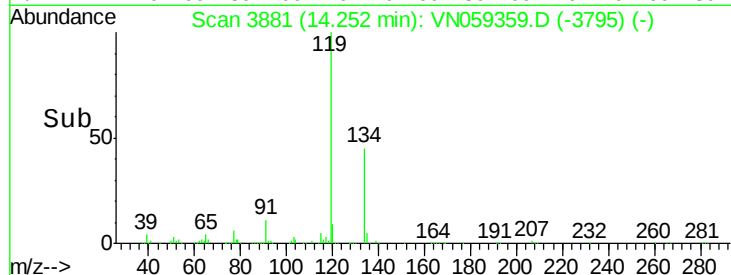
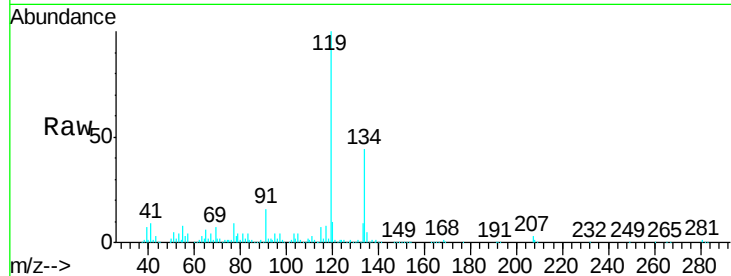
Tgt Ion: 75 Resp: 2148

Ion Ratio Lower Upper

75 100

155 0.0 40.5 121.5#

157 0.0 52.7 158.1#



#93

1,2,4-Trichlorobenzene

Concen: 3.105 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN059359.D

Acq: 22 Nov 2019 13:13

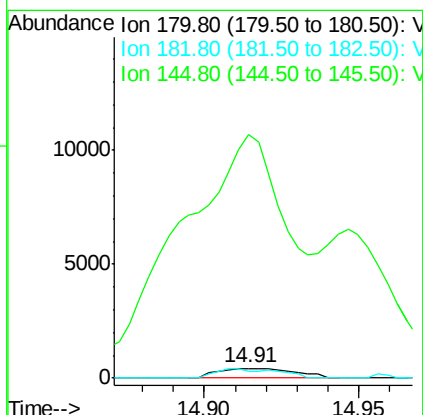
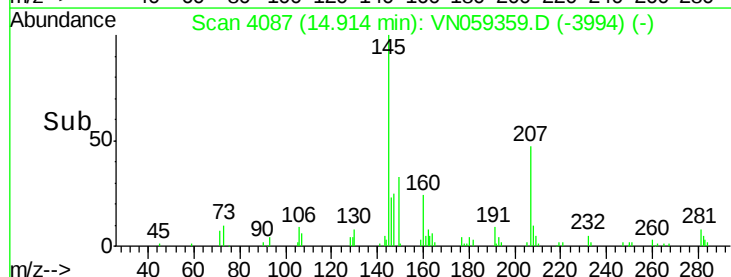
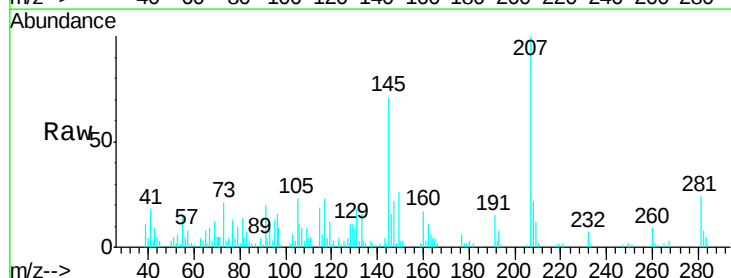
Tgt Ion: 180 Resp: 735

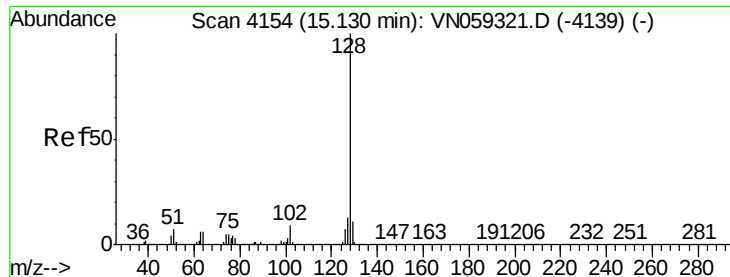
Ion Ratio Lower Upper

180 100

182 76.6 47.2 141.6

145 2858.0 14.9 44.5#

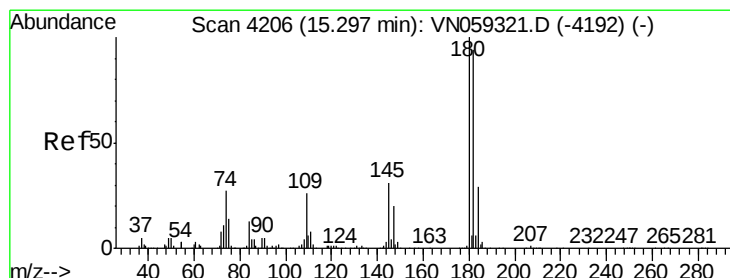
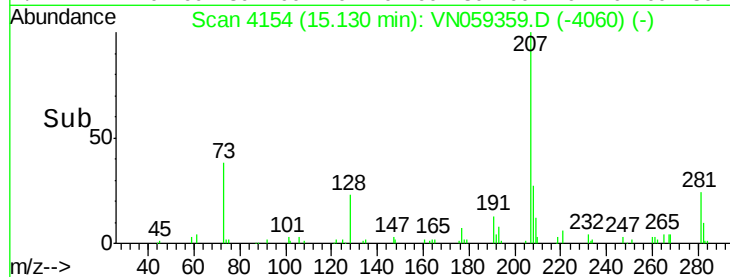
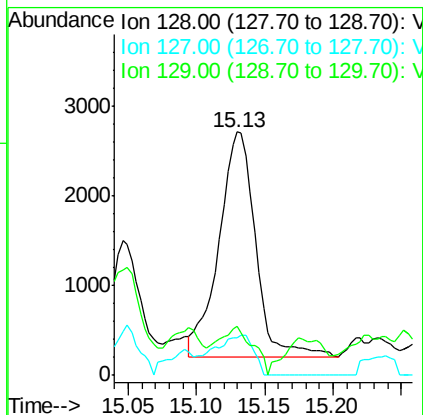
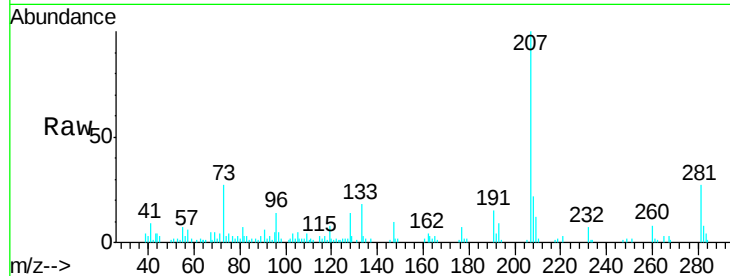




#95  
Naphthalene  
Concen: 3.550 ug/l  
RT: 15.13 min Scan# 4154  
Delta R.T. 0.00 min  
Lab File: VN059359.D  
Acq: 22 Nov 2019 13:13

Instrument :  
MSVOA\_N  
ClientSampled :  
MW-1-(12-14)ME

Tgt Ion:128 Resp: 4677  
Ion Ratio Lower Upper  
128 100  
127 19.2 10.2 15.2#  
129 19.5 8.6 13.0#



#96  
1,2,3-Trichlorobenzene  
Concen: 2.101 ug/l  
RT: 15.30 min Scan# 4207  
Delta R.T. 0.00 min  
Lab File: VN059359.D  
Acq: 22 Nov 2019 13:13

Tgt Ion:180 Resp: 842  
Ion Ratio Lower Upper  
180 100  
182 66.3 47.1 141.4  
145 234.7 15.6 46.8#

