

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX123119\  
 Data File : VX014376.D  
 Acq On : 31 Dec 2019 13:44  
 Operator : JC/SP  
 Sample : K6462-01ME 40X  
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 K500-1ME

Quant Time: Jan 01 03:16:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121319W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 17 03:01:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 529397   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 812254   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 746727   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 352534   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.05   | 65  | 291791   | 48.63 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.26%  |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 237808   | 48.16 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.32%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 968595   | 50.39 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.78% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 348412   | 49.58 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.16%  |      |

## Target Compounds

|                                |       |     |        |        |        | Qvalue |
|--------------------------------|-------|-----|--------|--------|--------|--------|
| 5) Bromomethane                | 1.64  | 94  | 2304   | 0.484  | ug/l   | 95     |
| 6) Chloroethane                | 1.62  | 64  | 1163   | 0.281  | ug/l   | 91     |
| 10) Methyl Iodide              | 2.51  | 142 | 2084   | 2.920  | ug/l # | 80     |
| 11) Tert butyl alcohol         | 3.01  | 59  | 17515  | 13.510 | ug/l # | 83     |
| 13) Acrolein                   | 2.29  | 56  | 267    | 0.360  | ug/l # | 14     |
| 15) Acrylonitrile              | 3.12  | 53  | 805    | 0.266  | ug/l # | 74     |
| 16) Acetone                    | 2.43  | 43  | 8417   | 2.161  | ug/l   | 96     |
| 17) Carbon Disulfide           | 2.56  | 76  | 1468   | 0.852  | ug/l   | 100    |
| 20) Methylene Chloride         | 2.84  | 84  | 1938   | 0.316  | ug/l # | 71     |
| 28) Bromochloromethane         | 4.99  | 49  | 271    | 0.523  | ug/l # | 36     |
| 29) Tetrahydrofuran            | 5.10  | 42  | 615    | 0.229  | ug/l # | 54     |
| 36) 1,1-Dichloropropene        | 5.65  | 75  | 35787  | 4.802  | ug/l # | 52     |
| 38) Carbon Tetrachloride       | 5.65  | 117 | 46983  | 6.920  | ug/l # | 16     |
| 46) Dibromomethane             | 7.65  | 93  | 874    | 0.225  | ug/l # | 1      |
| 49) 1,4-Dioxane                | 7.73  | 88  | 199    | 1.466  | ug/l # | 1      |
| 59) 2-Hexanone                 | 9.44  | 43  | 5300   | 0.770  | ug/l # | 37     |
| 67) Ethyl Benzene              | 10.25 | 91  | 7990   | 0.293  | ug/l   | 97     |
| 68) m/p-Xylenes                | 10.36 | 106 | 78861  | 7.512  | ug/l   | 100    |
| 69) o-Xylene                   | 10.70 | 106 | 46932  | 4.558  | ug/l   | 99     |
| 73) Isopropylbenzene           | 11.01 | 105 | 7450   | 0.300  | ug/l   | 89     |
| 74) N-amyl acetate             | 10.90 | 43  | 8479   | 0.729  | ug/l # | 1      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83  | 2950   | 0.343  | ug/l # | 29     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75  | 166915 | 21.809 | ug/l # | 39     |
| 78) n-propylbenzene            | 11.35 | 91  | 15344  | 0.551  | ug/l   | 95     |
| 79) 2-Chlorotoluene            | 11.43 | 91  | 32297  | 1.908  | ug/l # | 40     |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105 | 101912 | 4.879  | ug/l   | 100    |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75  | 166915 | 61.557 | ug/l # | 12     |
| 82) 4-Chlorotoluene            | 11.50 | 91  | 10736  | 0.547  | ug/l # | 49     |
| 83) tert-Butylbenzene          | 11.81 | 119 | 40812  | 2.008  | ug/l # | 64     |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105 | 326818 | 15.623 | ug/l   | 99     |
| 85) sec-Butylbenzene           | 11.94 | 105 | 18791  | 0.783  | ug/l # | 77     |
| 86) p-Isopropyltoluene         | 12.06 | 119 | 11916  | 0.543  | ug/l   | 92     |
| 89) n-Butylbenzene             | 12.38 | 91  | 45635  | 2.436  | ug/l # | 26     |
| 90) Hexachloroethane           | 12.46 | 117 | 2072   | 0.525  | ug/l   | 76     |

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ClientSampleId :  
K500-1ME

Quant Time: Jan 01 03:16:53 2020  
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Quant Title : SW846 8260  
QLast Update : Tue Dec 17 03:01:07 2019  
Response via : Initial Calibration

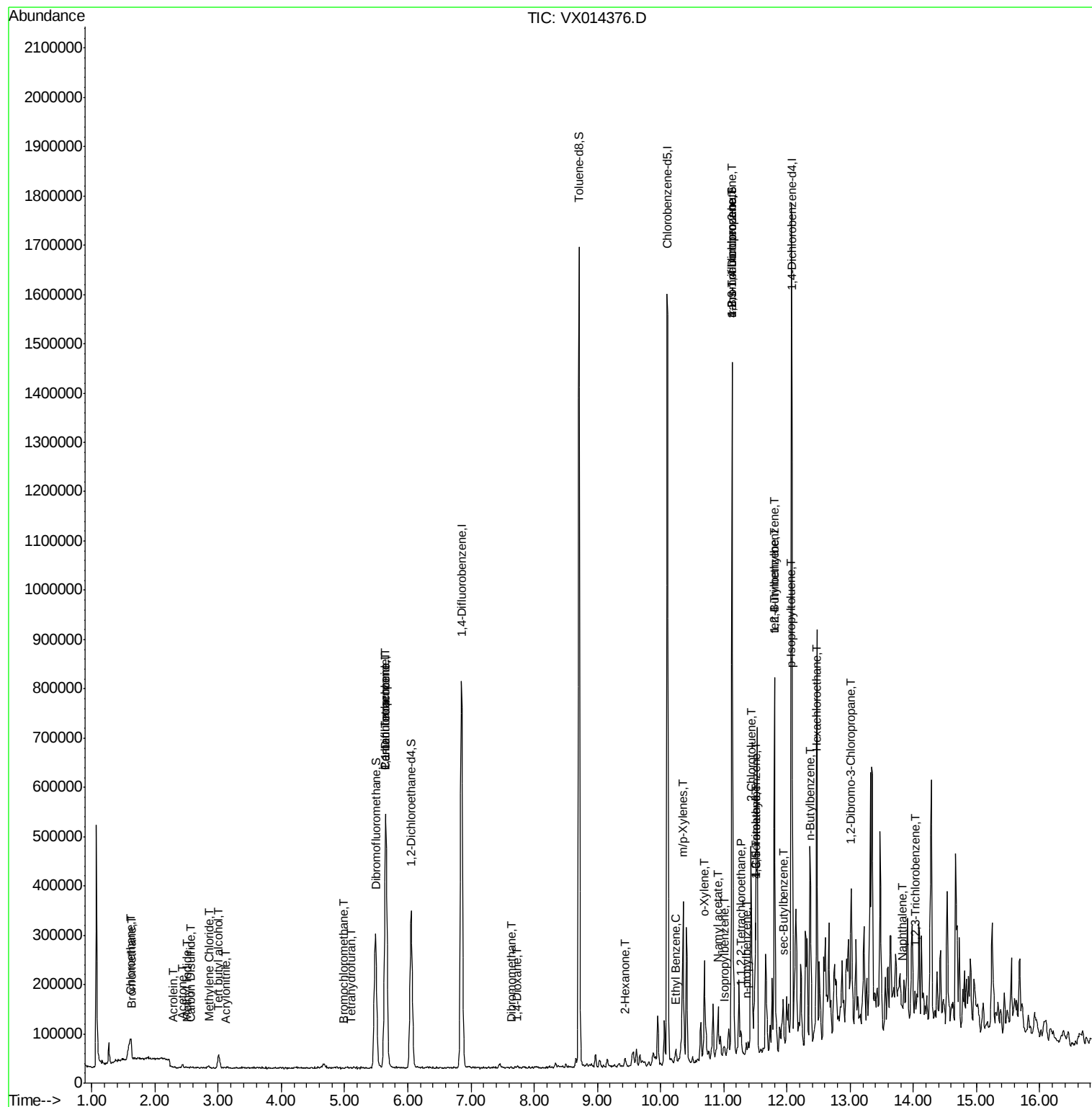
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 1332     | 0.699 | ug/l # | 23       |
| 95) Naphthalene                | 13.83 | 128  | 25575    | 1.112 | ug/l # | 84       |
| 96) 1,2,3-Trichlorobenzene     | 14.03 | 180  | 2357     | 0.305 | ug/l # | 1        |

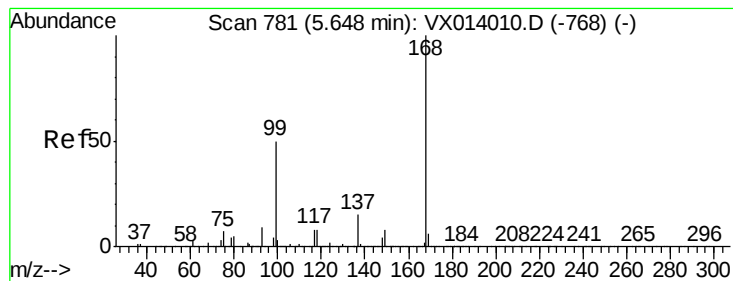
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX123119\  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

Instrument :

MSVOA\_X

ClientSampleId :

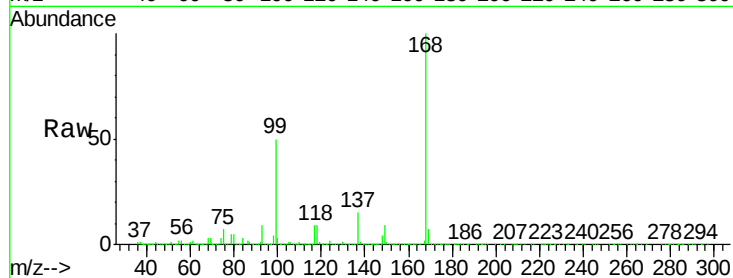
K500-1ME

Tgt Ion: 168 Resp: 529397

Ion Ratio Lower Upper

168 100

99 50.0 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

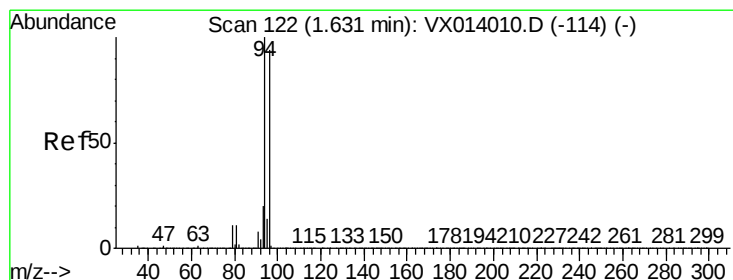
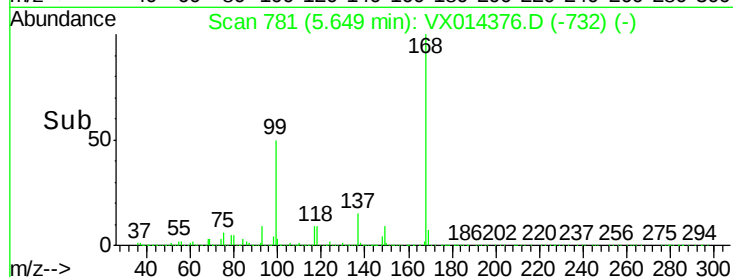
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.484 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014376.D

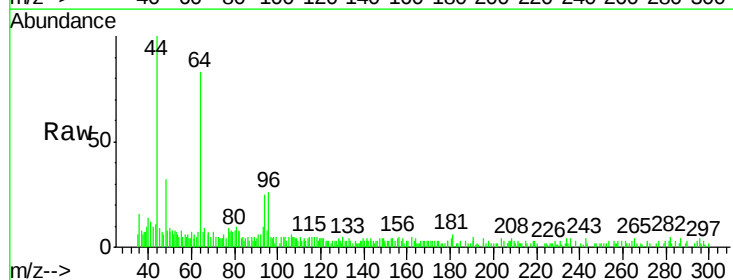
Acq: 31 Dec 2019 13:44

Tgt Ion: 94 Resp: 2304

Ion Ratio Lower Upper

94 100

96 88.8 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1200

1000

800

600

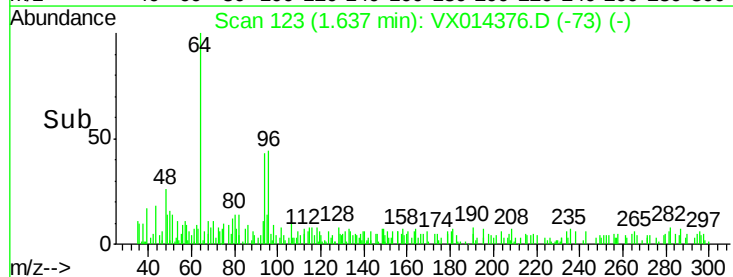
400

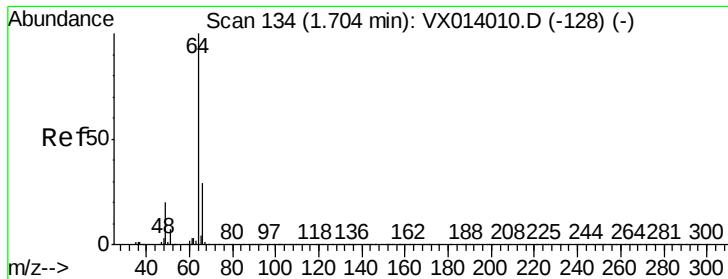
200

0

Time-->

1.55 1.60 1.65 1.70





#6

Chloroethane

Concen: 0.281 ug/l

RT: 1.62 min Scan# 120

Delta R.T. -0.09 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

Instrument :

MSVOA\_X

ClientSampleId :

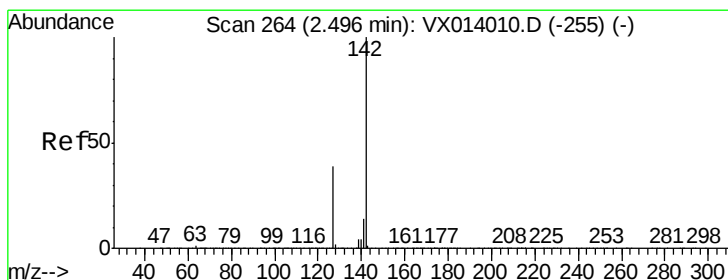
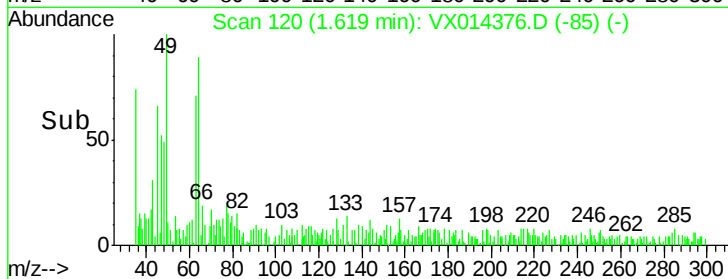
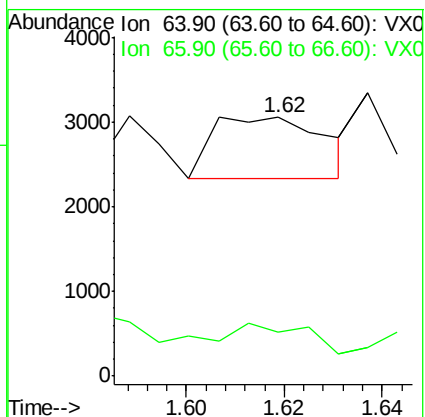
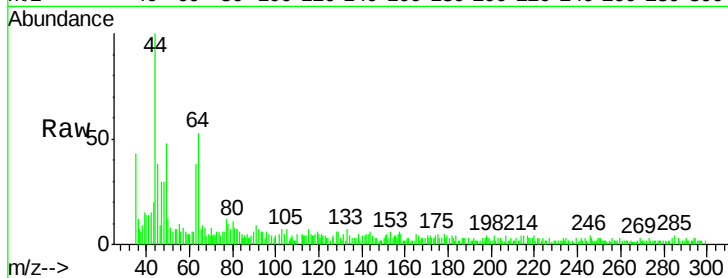
K500-1ME

Tgt Ion: 64 Resp: 1163

Ion Ratio Lower Upper

64 100

66 34.3 23.4 35.2



#10

Methyl Iodide

Concen: 2.920 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

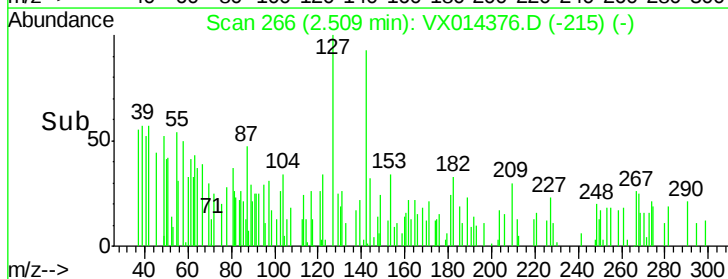
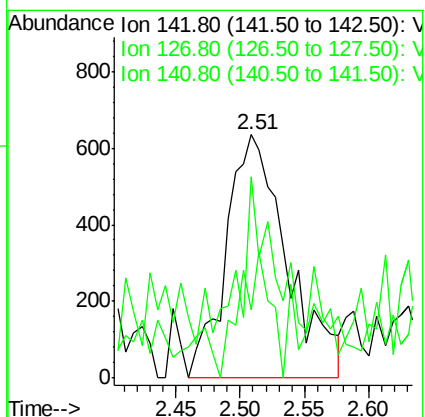
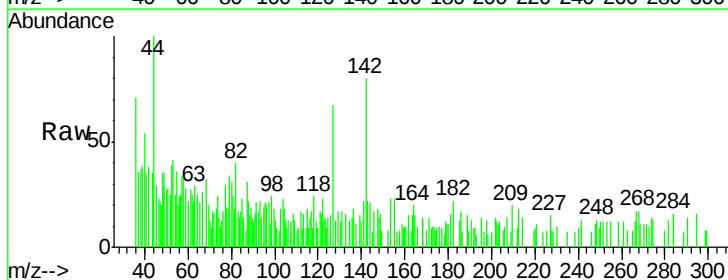
Tgt Ion: 142 Resp: 2084

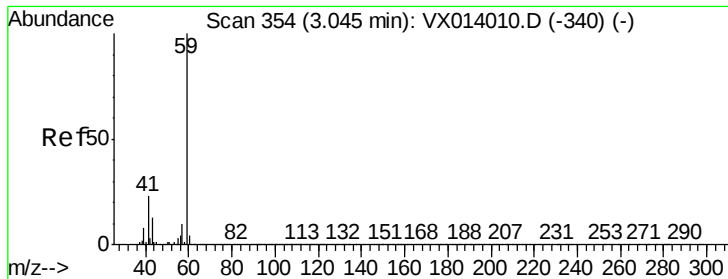
Ion Ratio Lower Upper

142 100

127 29.2 31.6 47.4#

141 25.7 11.6 17.4#



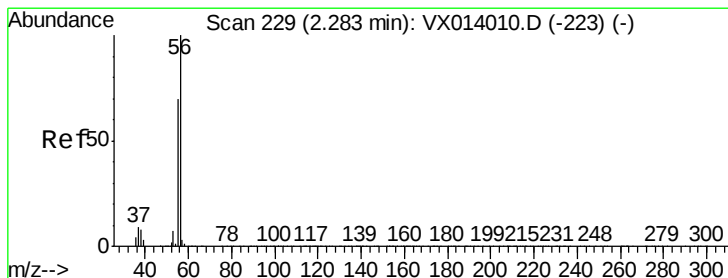
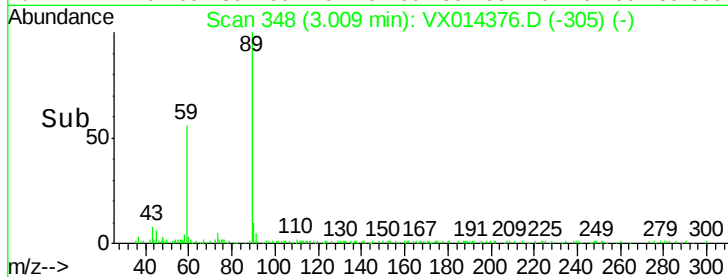
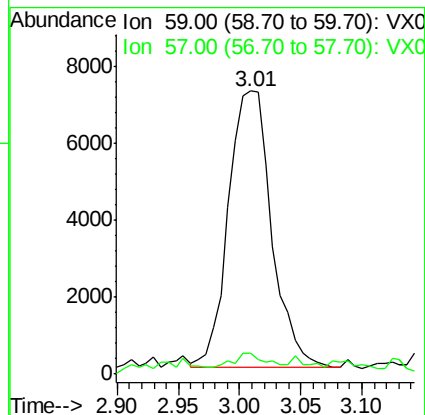
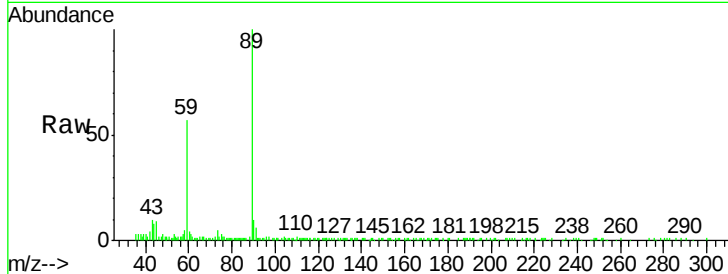


#11

Tert butyl alcohol  
 Concen: 13.510 ug/l  
 RT: 3.01 min Scan# 348  
 Delta R.T. -0.04 min  
 Lab File: VX014376.D  
 Acq: 31 Dec 2019 13:44

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 K500-1ME

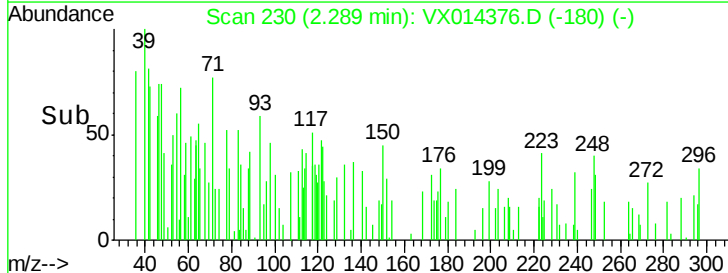
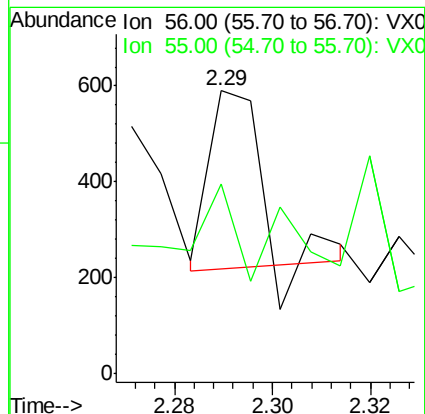
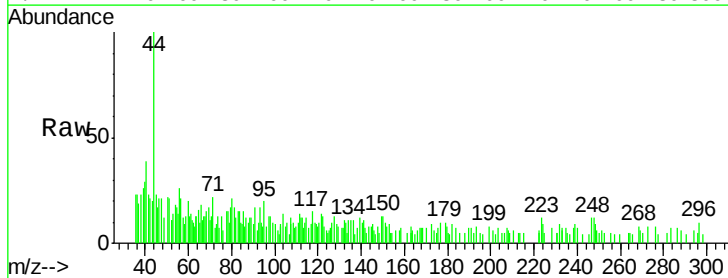
Tgt Ion: 59 Resp: 17515  
 Ion Ratio Lower Upper  
 59 100  
 57 4.2 8.4 12.6#

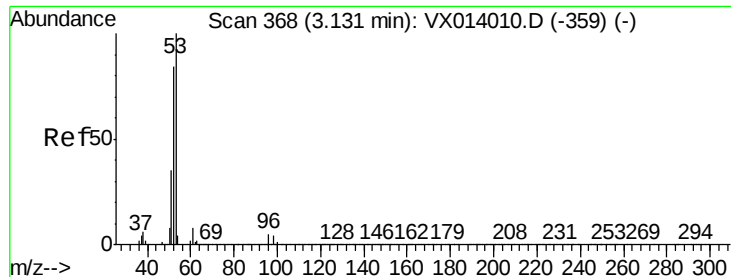


#13

Acrolein  
 Concen: 0.360 ug/l  
 RT: 2.29 min Scan# 230  
 Delta R.T. 0.01 min  
 Lab File: VX014376.D  
 Acq: 31 Dec 2019 13:44

Tgt Ion: 56 Resp: 267  
 Ion Ratio Lower Upper  
 56 100  
 55 0.0 56.9 85.3#





#15

Acrylonitrile

Concen: 0.266 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

Instrument :

MSVOA\_X

ClientSampleId :

K500-1ME

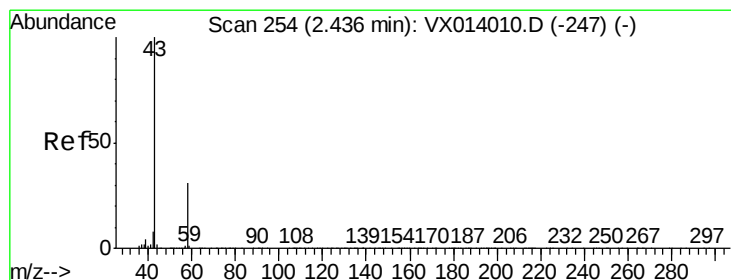
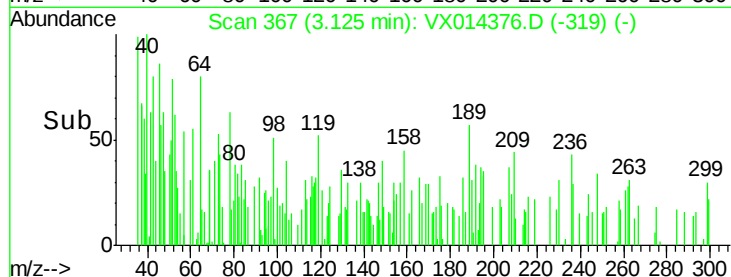
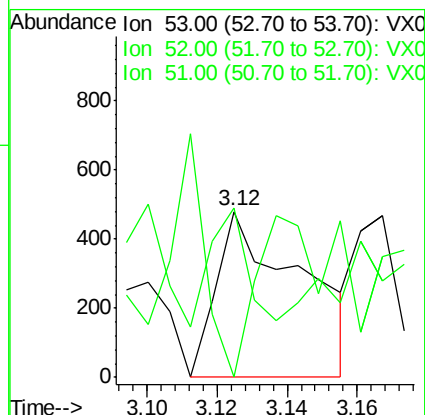
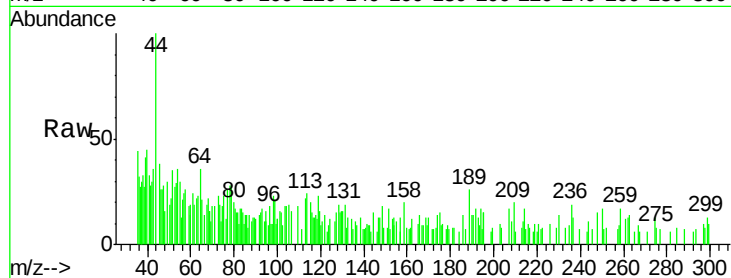
Tgt Ion: 53 Resp: 805

Ion Ratio Lower Upper

53 100

52 55.7 66.5 99.7#

51 44.1 28.1 42.1#



#16

Acetone

Concen: 2.161 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014376.D

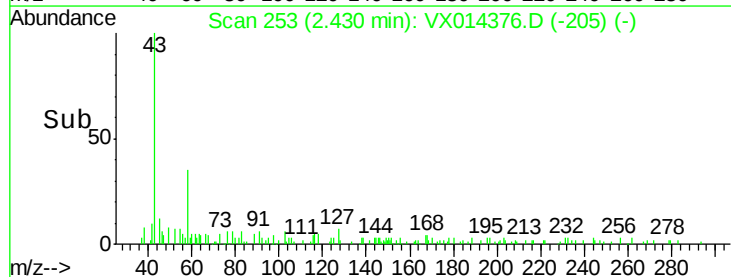
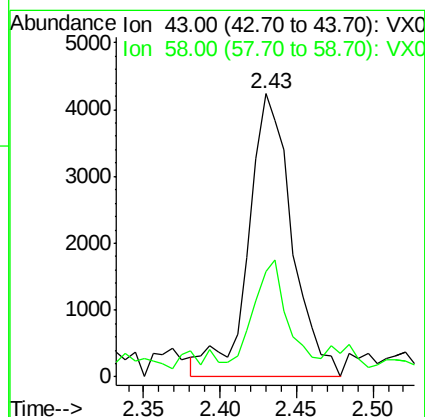
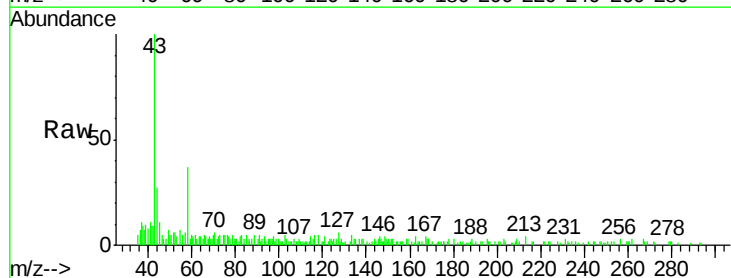
Acq: 31 Dec 2019 13:44

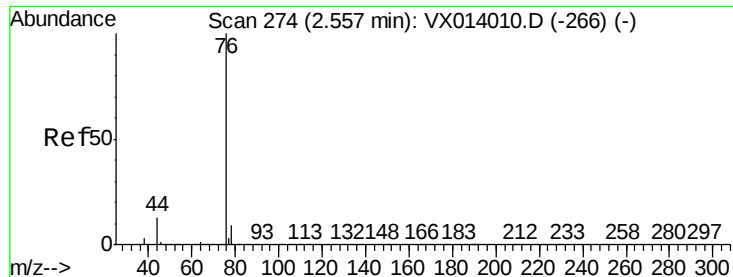
Tgt Ion: 43 Resp: 8417

Ion Ratio Lower Upper

43 100

58 28.9 24.9 37.3





#17

Carbon Disulfide

Concen: 0.852 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

Instrument :

MSVOA\_X

ClientSampleId :

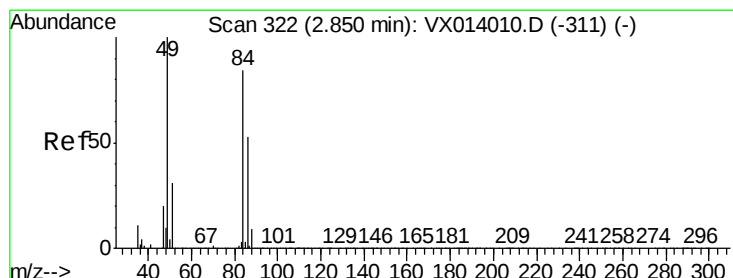
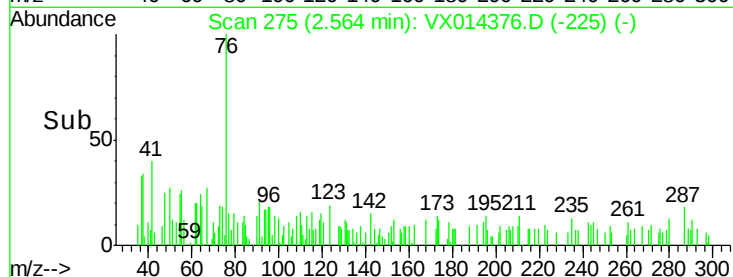
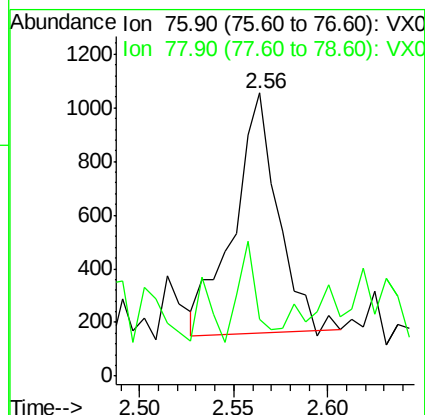
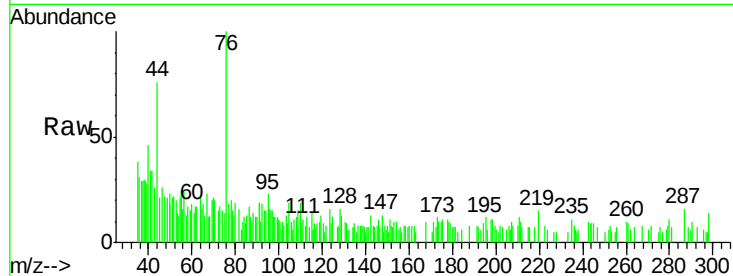
K500-1ME

Tgt Ion: 76 Resp: 1468

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#20

Methylene Chloride

Concen: 0.316 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

Tgt Ion: 84 Resp: 1938

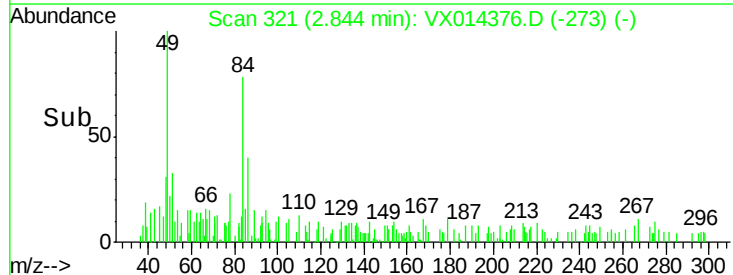
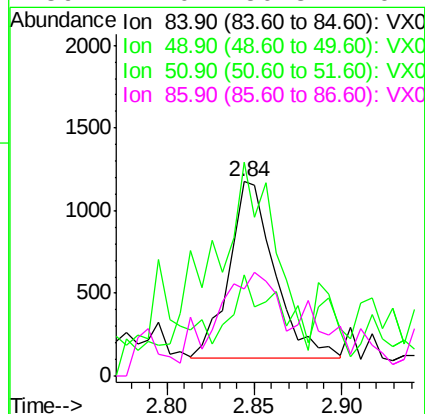
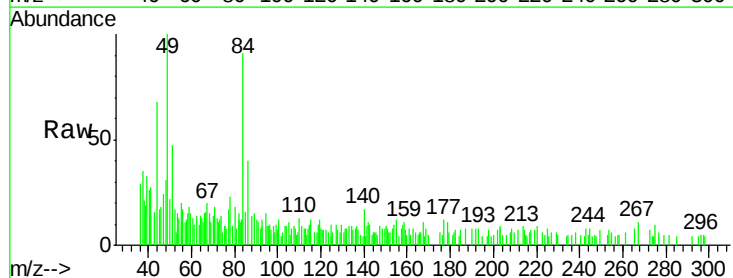
Ion Ratio Lower Upper

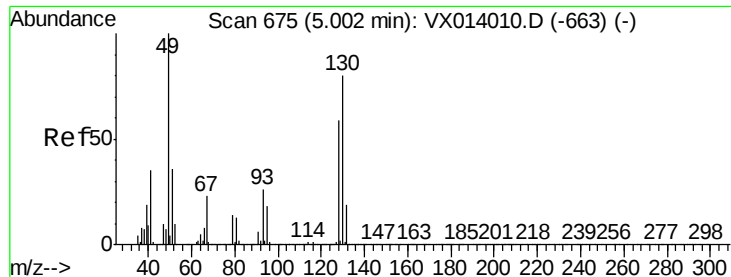
84 100

49 96.8 95.8 143.6

51 31.6 29.8 44.8

86 21.0 50.8 76.2#





#28

Bromochloromethane

Concen: 0.523 ug/l

RT: 4.99 min Scan# 673

Delta R.T. -0.01 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

Instrument :

MSVOA\_X

ClientSampleId :

K500-1ME

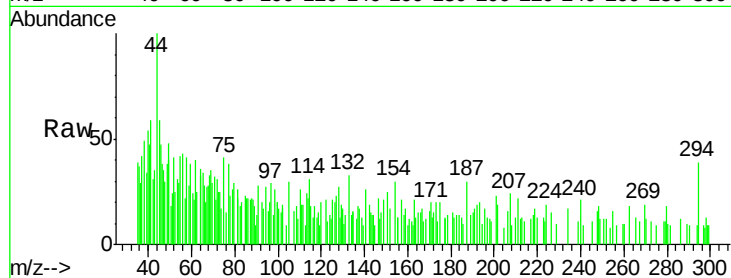
Tgt Ion: 49 Resp: 271

Ion Ratio Lower Upper

49 100

129 32.5 0.0 5.0#

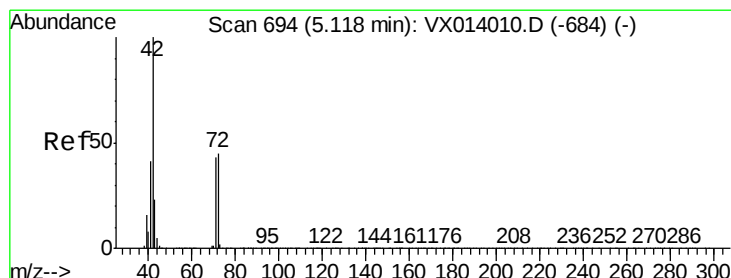
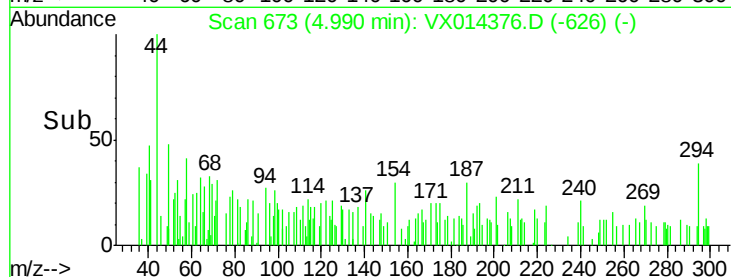
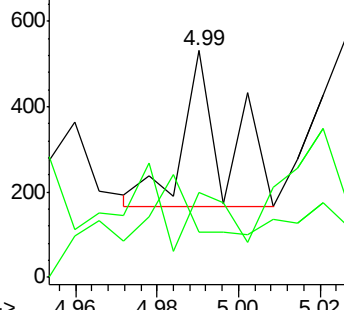
130 136.5 64.6 97.0#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): VX0

Ion 129.80 (129.50 to 130.50): VX0



#29

Tetrahydrofuran

Concen: 0.229 ug/l

RT: 5.10 min Scan# 691

Delta R.T. -0.02 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

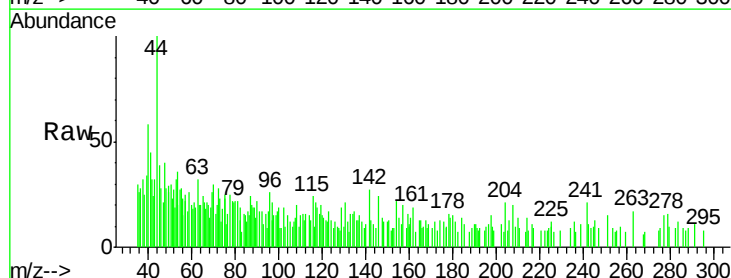
Tgt Ion: 42 Resp: 615

Ion Ratio Lower Upper

42 100

72 26.7 35.8 53.8#

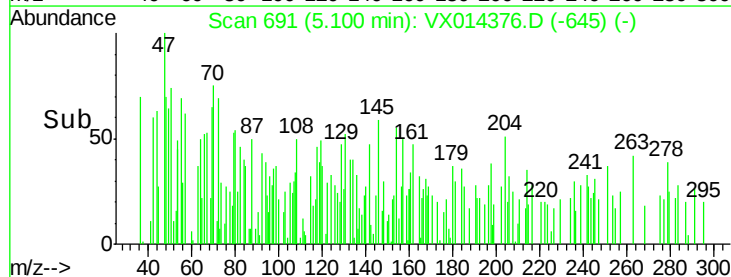
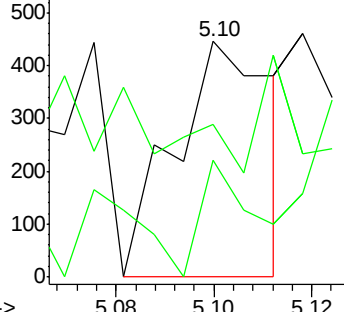
71 0.0 33.6 50.4#

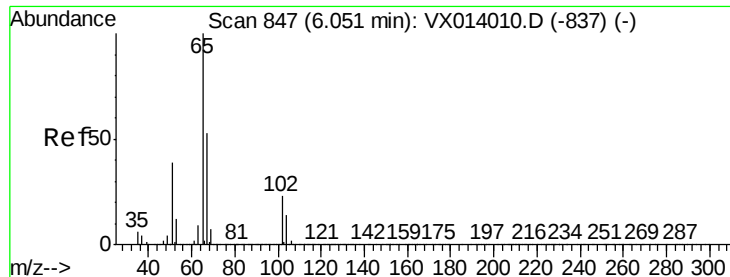


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.632 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

Instrument :

MSVOA\_X

ClientSampleId :

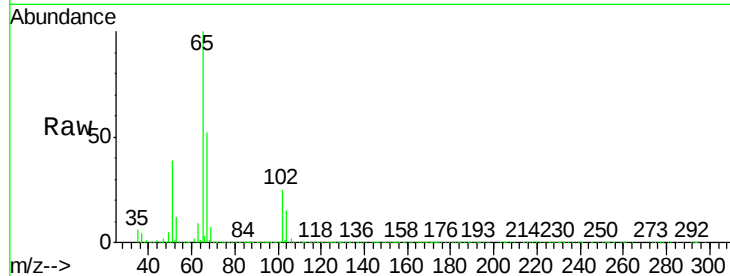
K500-1ME

Tgt Ion: 65 Resp: 291791

Ion Ratio Lower Upper

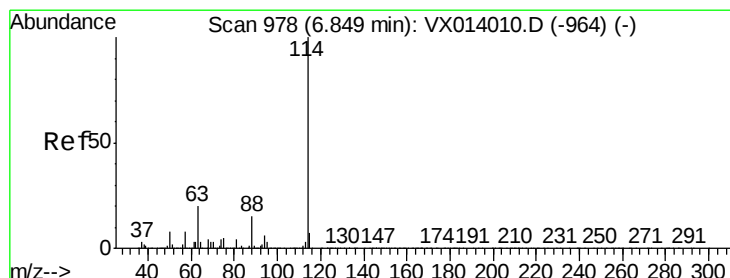
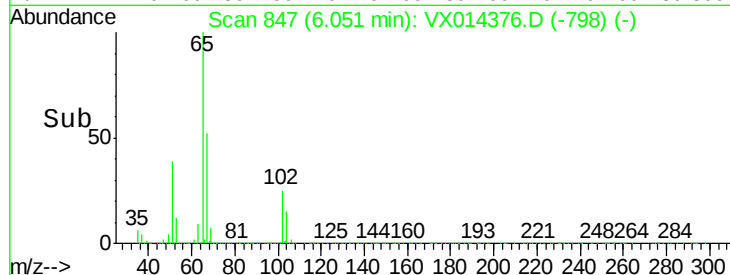
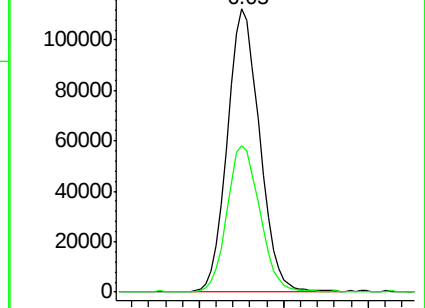
65 100

67 53.1 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

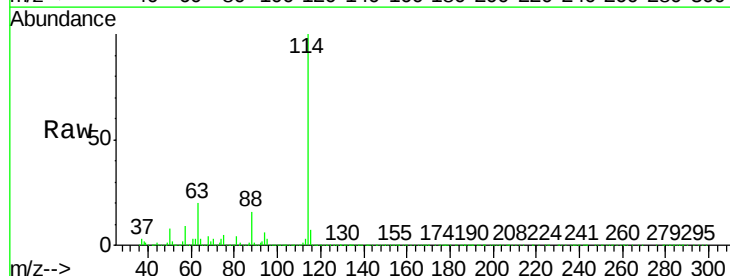
Tgt Ion: 114 Resp: 812254

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

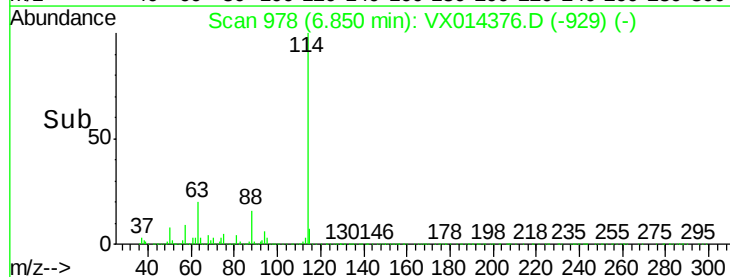
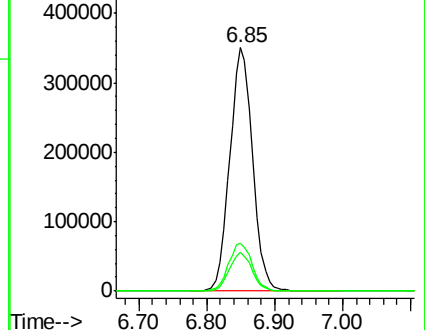
88 15.8 0.0 30.4

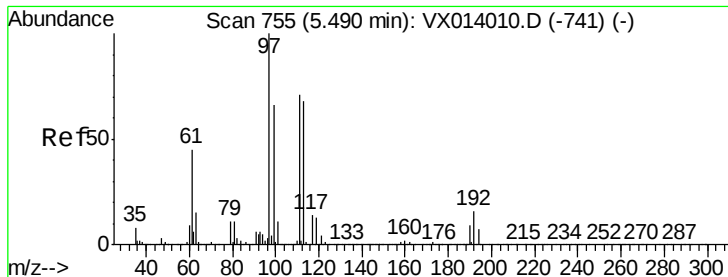


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.163 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

Instrument :

MSVOA\_X

ClientSampleId :

K500-1ME

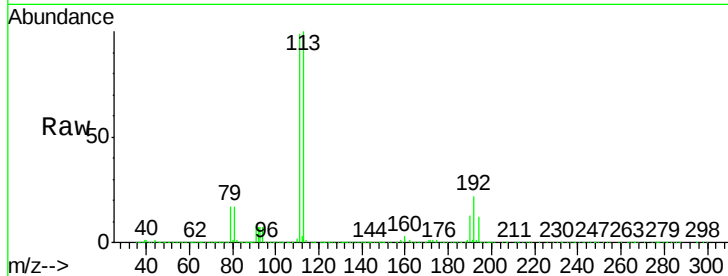
Tgt Ion:113 Resp: 237808

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

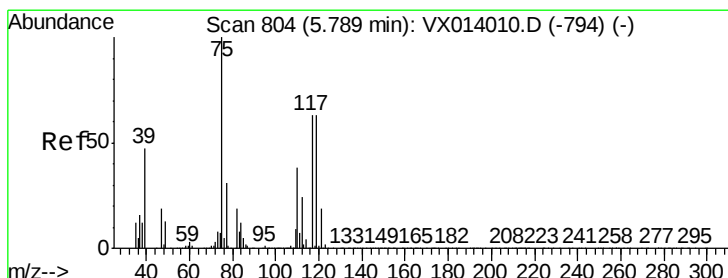
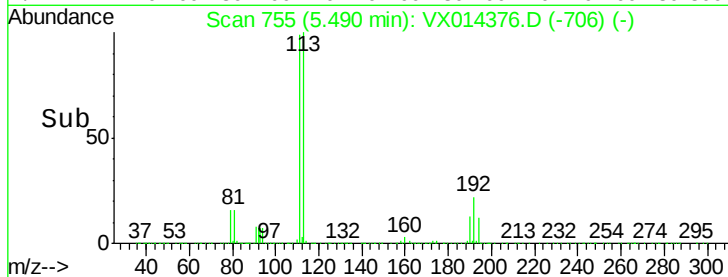
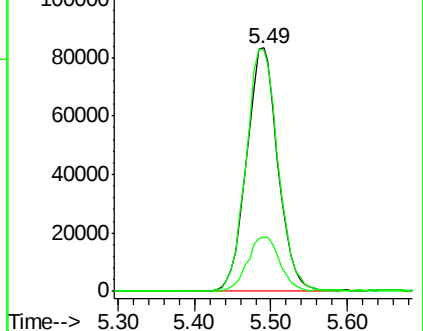
192 23.3 19.3 28.9



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: 4.802 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

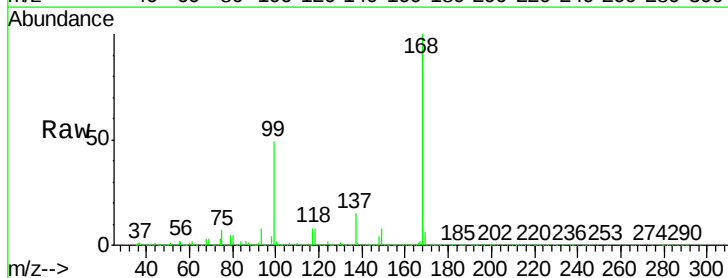
Tgt Ion: 75 Resp: 35787

Ion Ratio Lower Upper

75 100

110 11.0 18.3 54.9#

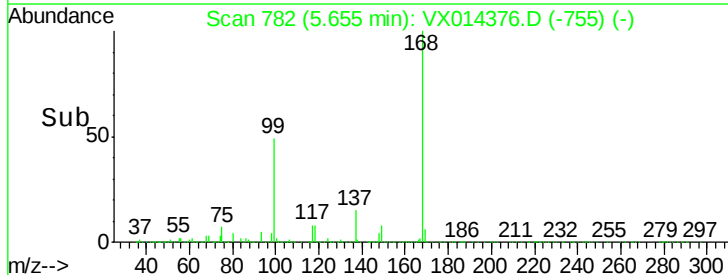
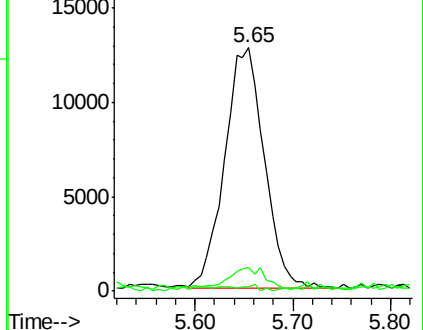
77 0.9 24.8 37.2#

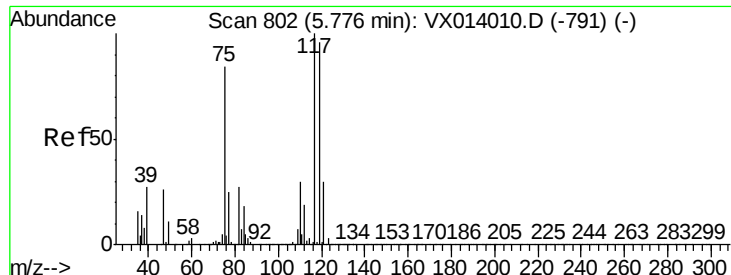


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

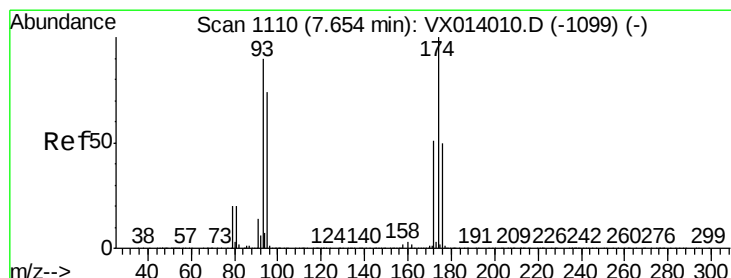
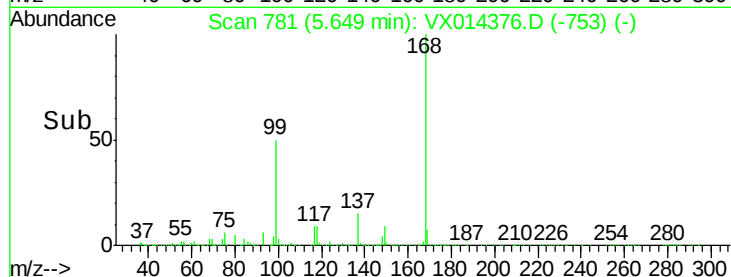
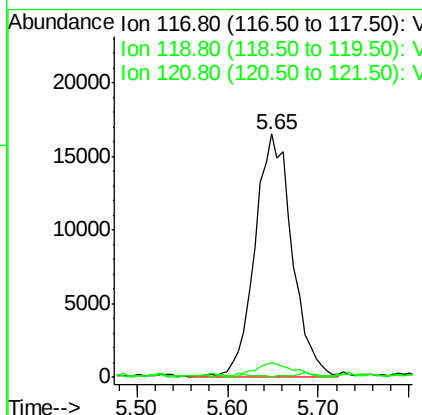
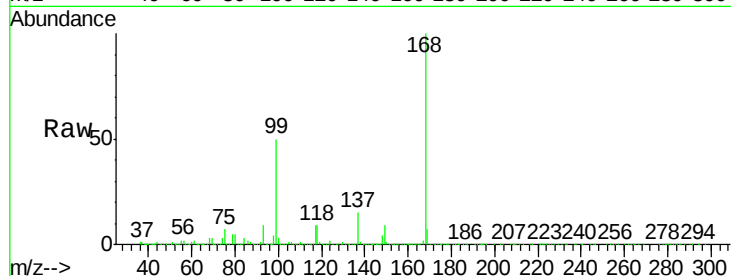




#38  
Carbon Tetrachloride  
Concen: 6.920 ug/l  
RT: 5.65 min Scan# 781  
Delta R.T. -0.13 min  
Lab File: VX014376.D  
Acq: 31 Dec 2019 13:44

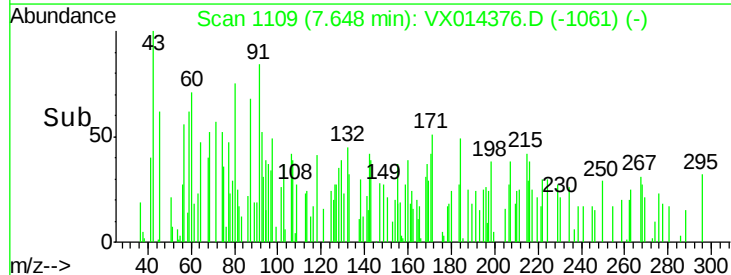
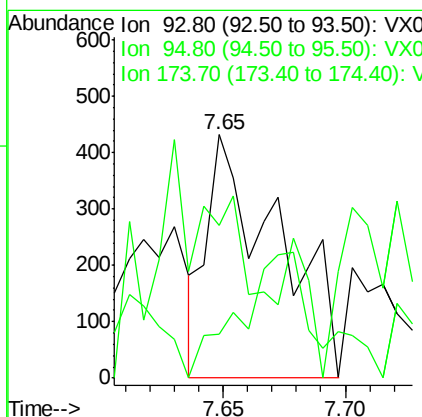
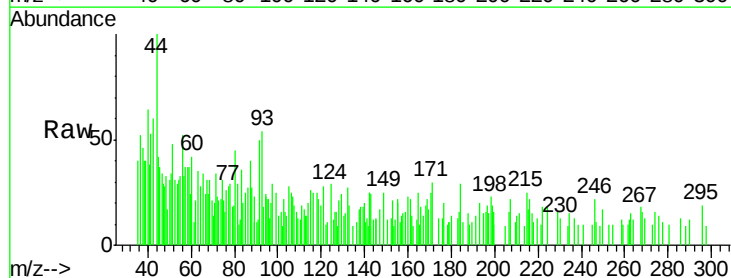
Instrument :  
MSVOA\_X  
ClientSampleId :  
K500-1ME

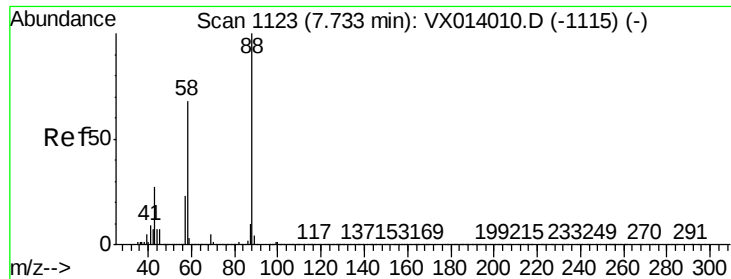
Tgt Ion: 117 Resp: 46983  
Ion Ratio Lower Upper  
117 100  
119 5.1 76.2 114.4#  
121 0.0 23.6 35.4#



#46  
Dibromomethane  
Concen: 0.225 ug/l  
RT: 7.65 min Scan# 1109  
Delta R.T. -0.01 min  
Lab File: VX014376.D  
Acq: 31 Dec 2019 13:44

Tgt Ion: 93 Resp: 874  
Ion Ratio Lower Upper  
93 100  
95 0.0 67.3 100.9#  
174 0.0 91.6 137.4#





#49

1,4-Dioxane

Concen: 1.466 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

Instrument :

MSVOA\_X

ClientSampleId :

K500-1ME

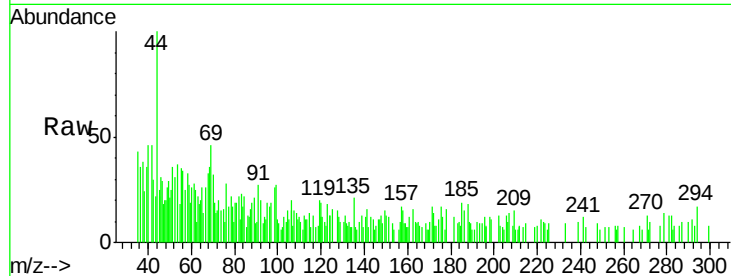
Tgt Ion: 88 Resp: 199

Ion Ratio Lower Upper

88 100

43 0.0 26.5 39.7#

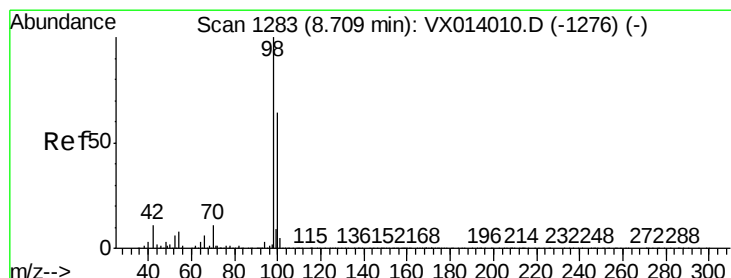
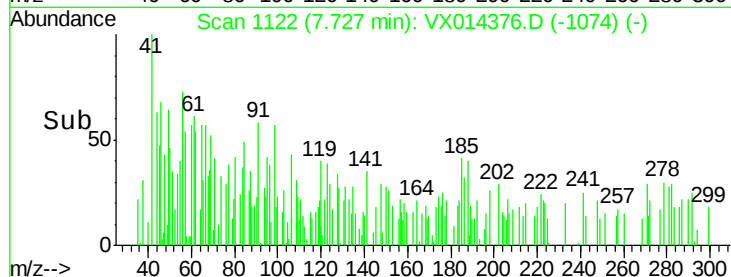
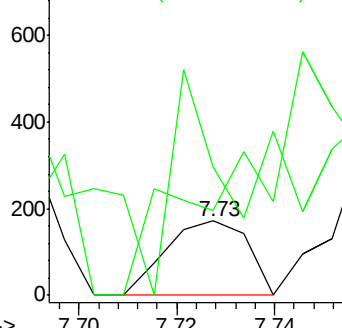
58 182.4 56.8 85.2#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.386 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014376.D

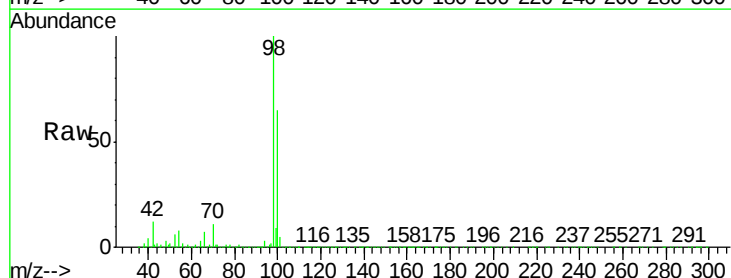
Acq: 31 Dec 2019 13:44

Tgt Ion: 98 Resp: 968595

Ion Ratio Lower Upper

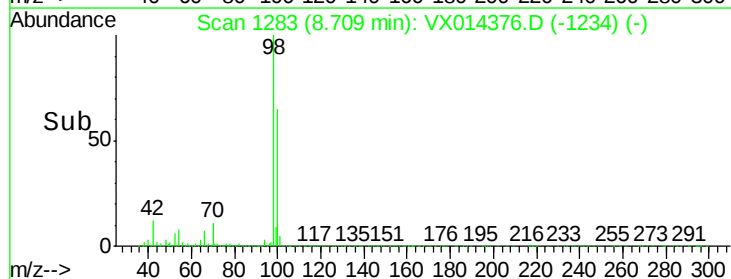
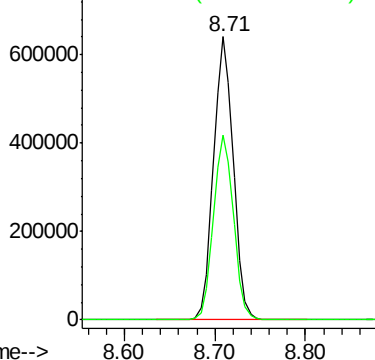
98 100

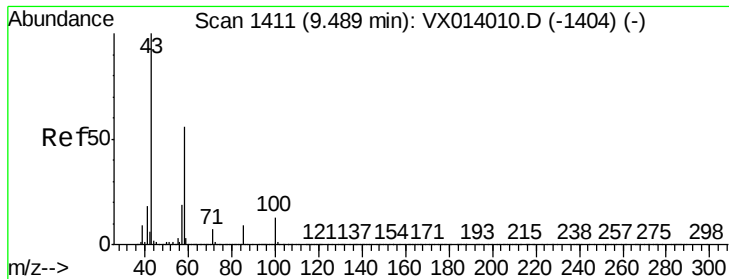
100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#59

2-Hexanone

Concen: 0.770 ug/l

RT: 9.44 min Scan# 1403

Delta R.T. -0.05 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

Instrument :

MSVOA\_X

ClientSampleId :

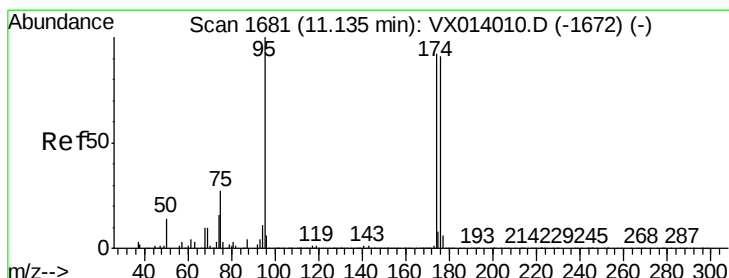
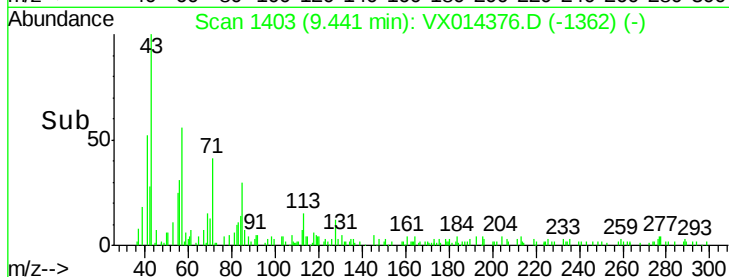
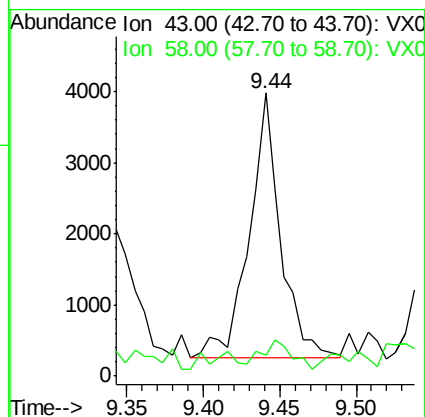
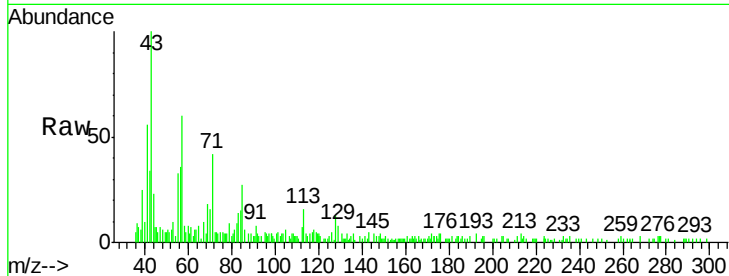
K500-1ME

Tgt Ion: 43 Resp: 5300

Ion Ratio Lower Upper

43 100

58 10.3 28.0 84.0#



#62

4-Bromofluorobenzene

Concen: 49.582 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

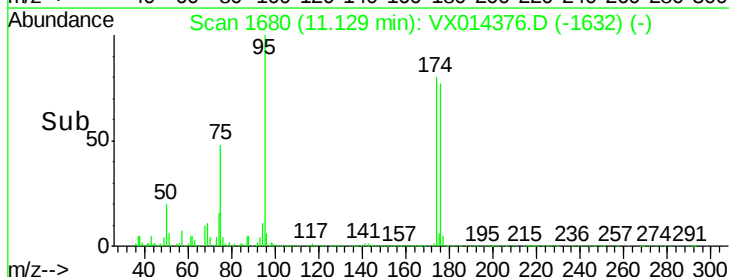
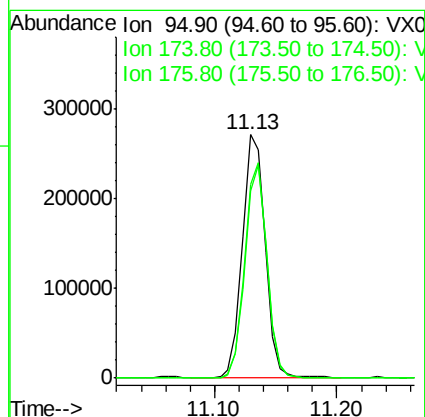
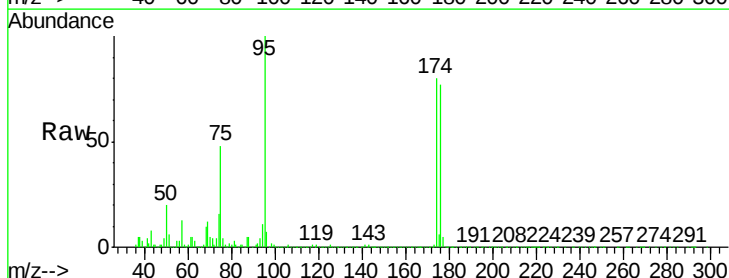
Tgt Ion: 95 Resp: 348412

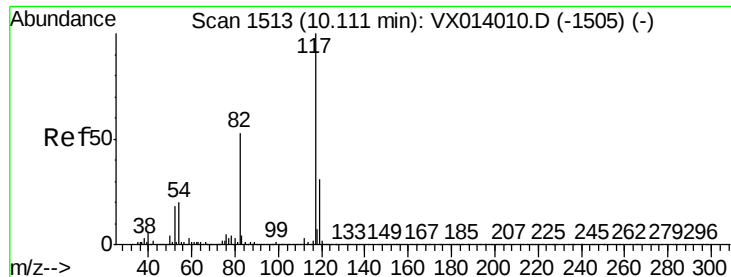
Ion Ratio Lower Upper

95 100

174 86.8 0.0 175.8

176 84.8 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

Instrument :

MSVOA\_X

ClientSampleId :

K500-1ME

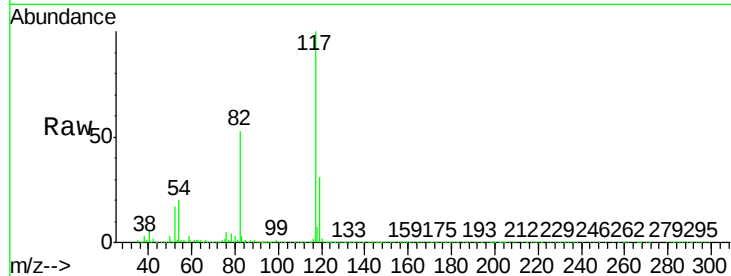
Tgt Ion:117 Resp: 746727

Ion Ratio Lower Upper

117 100

82 53.0 42.2 63.4

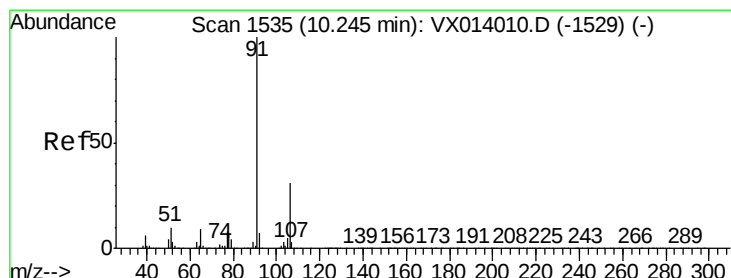
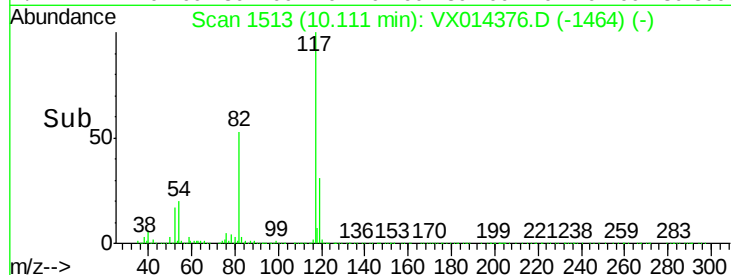
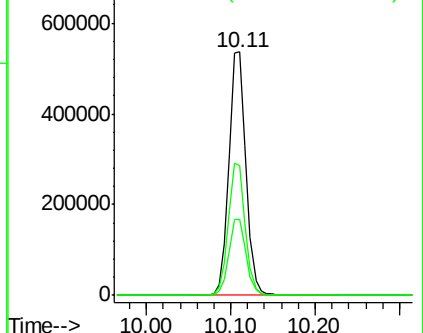
119 31.4 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 0.293 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014376.D

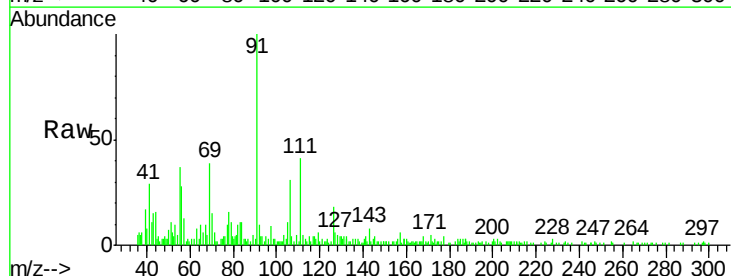
Acq: 31 Dec 2019 13:44

Tgt Ion: 91 Resp: 7990

Ion Ratio Lower Upper

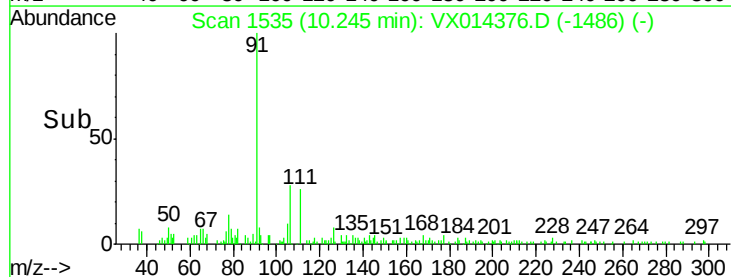
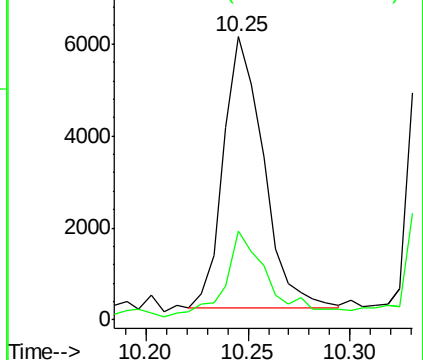
91 100

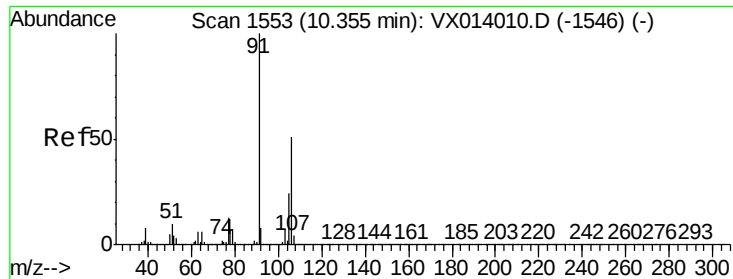
106 29.8 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 7.512 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

Instrument :

MSVOA\_X

ClientSampleId :

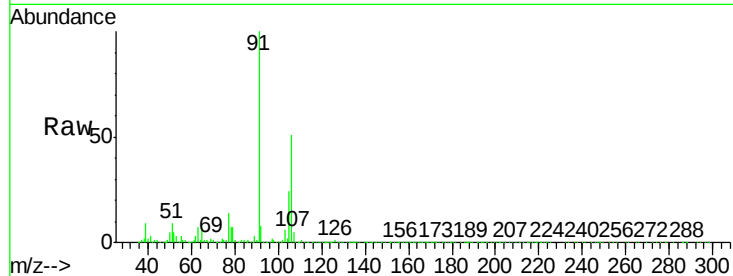
K500-1ME

Tgt Ion:106 Resp: 78861

Ion Ratio Lower Upper

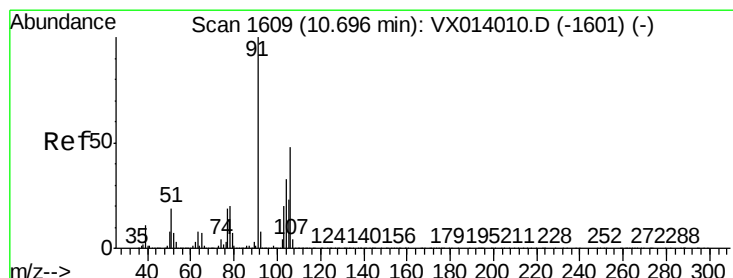
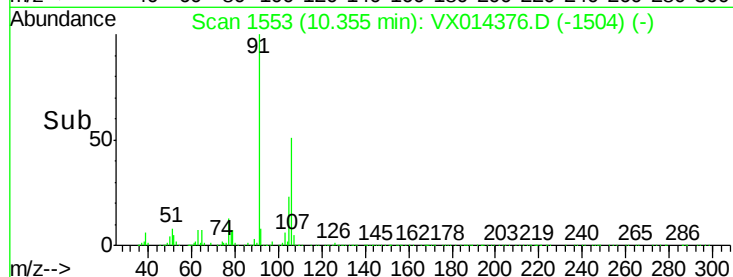
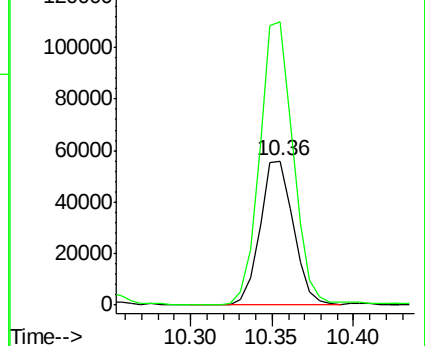
106 100

91 198.1 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 4.558 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014376.D

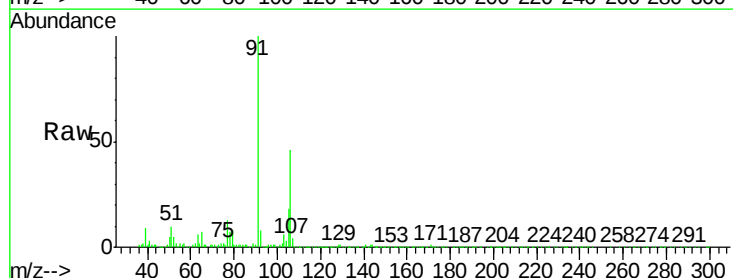
Acq: 31 Dec 2019 13:44

Tgt Ion:106 Resp: 46932

Ion Ratio Lower Upper

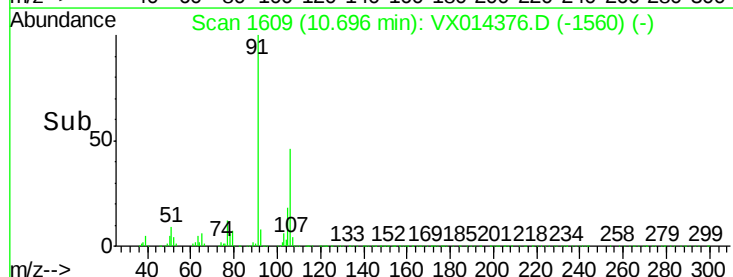
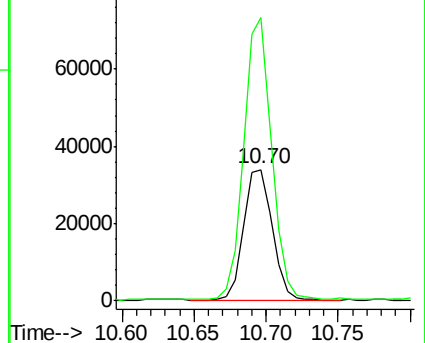
106 100

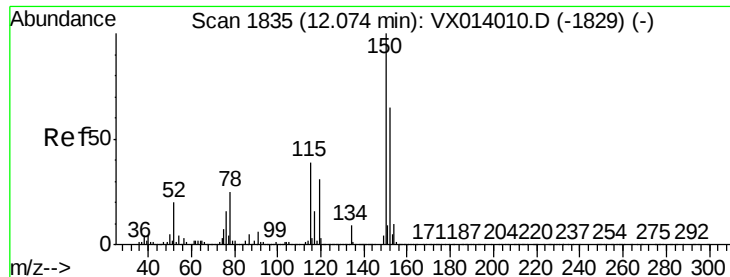
91 207.2 104.2 312.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

Instrument :

MSVOA\_X

ClientSampleId :

K500-1ME

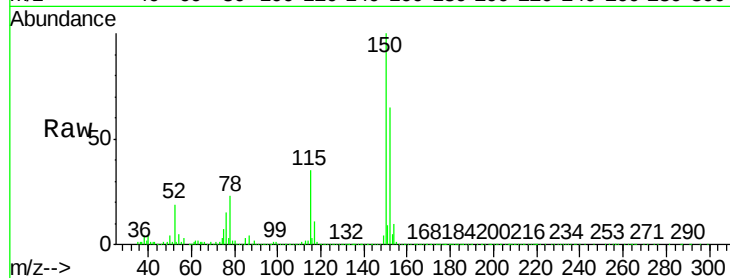
Tgt Ion:152 Resp: 352534

Ion Ratio Lower Upper

152 100

115 55.9 38.3 114.9

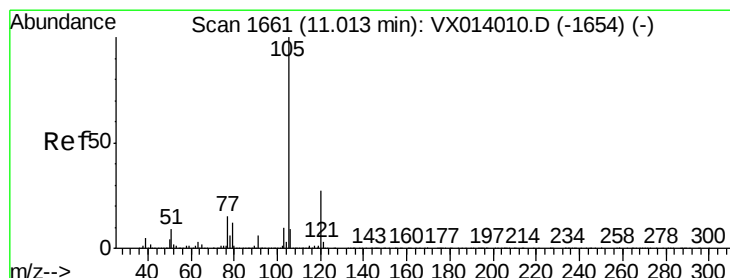
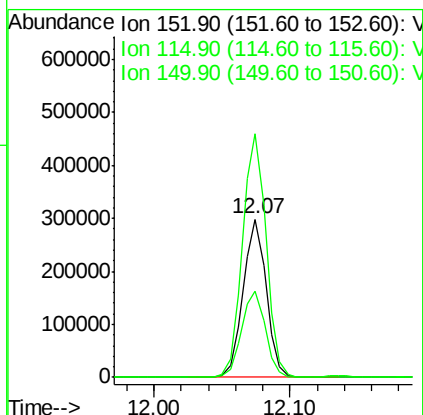
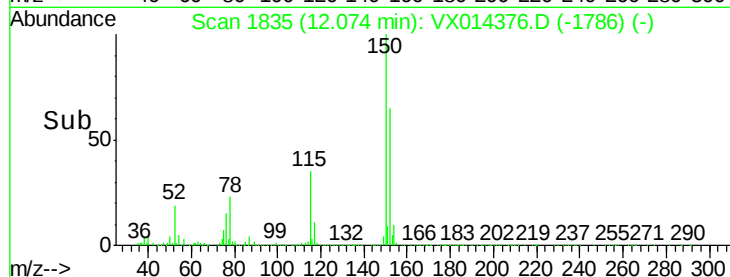
150 157.2 0.0 345.4



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: 0.300 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014376.D

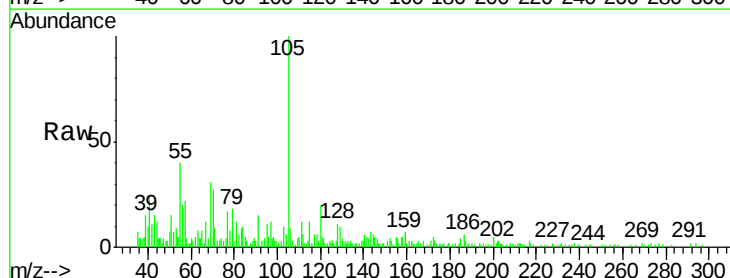
Acq: 31 Dec 2019 13:44

Tgt Ion:105 Resp: 7450

Ion Ratio Lower Upper

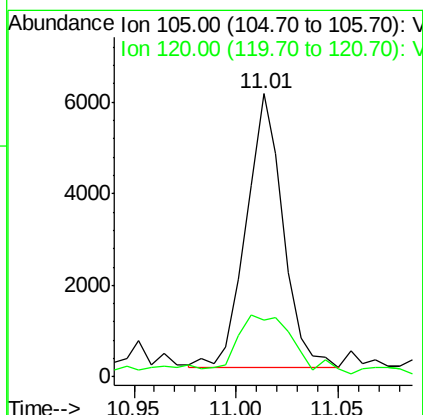
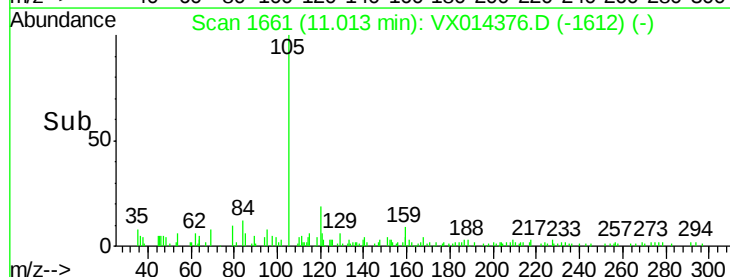
105 100

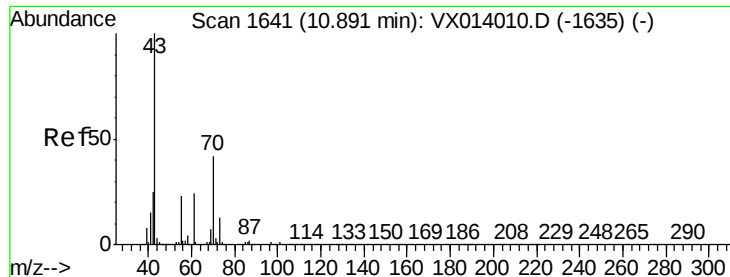
120 32.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

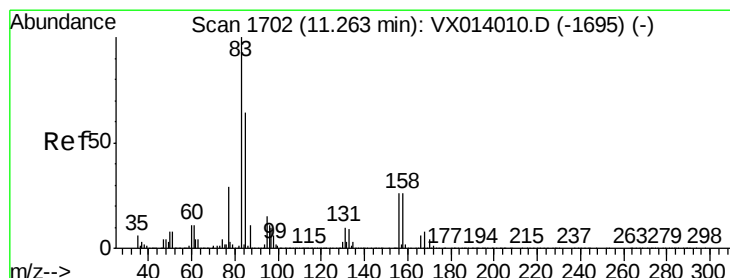
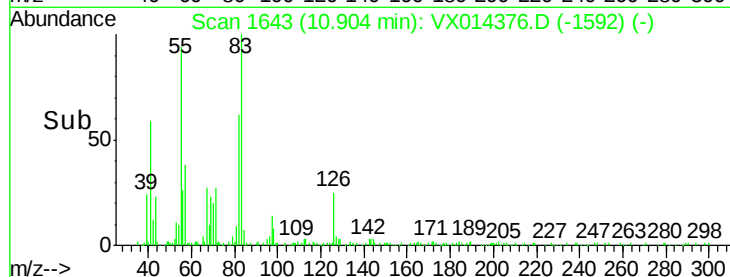
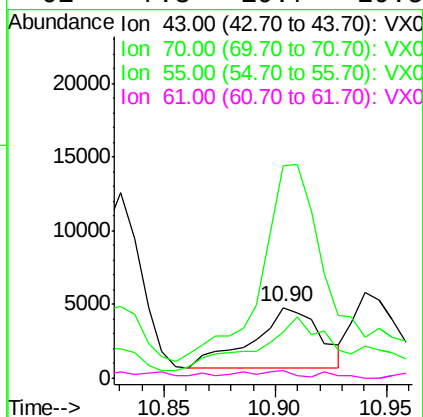
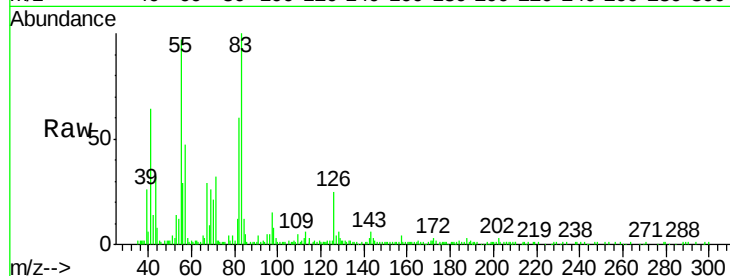




#74  
N-amyI acetate  
Concen: 0.729 ug/l  
RT: 10.90 min Scan# 1643  
Delta R.T. 0.01 min  
Lab File: VX014376.D  
Acq: 31 Dec 2019 13:44

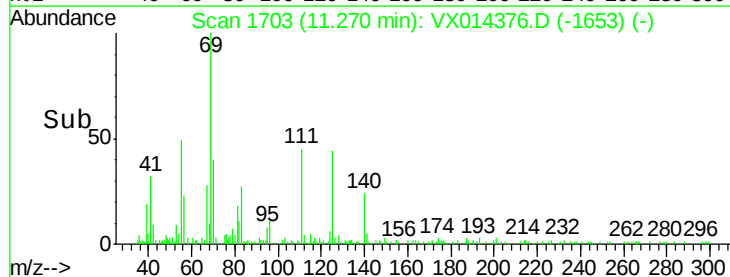
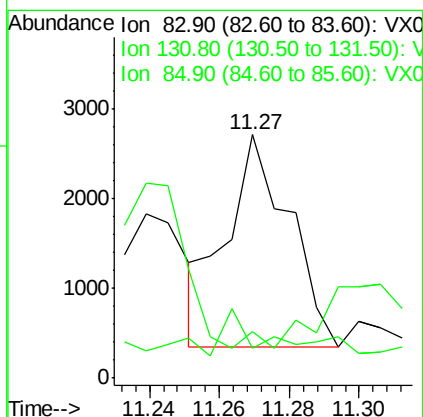
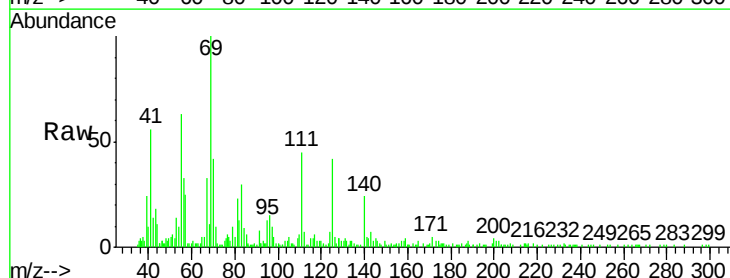
Instrument :  
MSVOA\_X  
ClientSampleId :  
K500-1ME

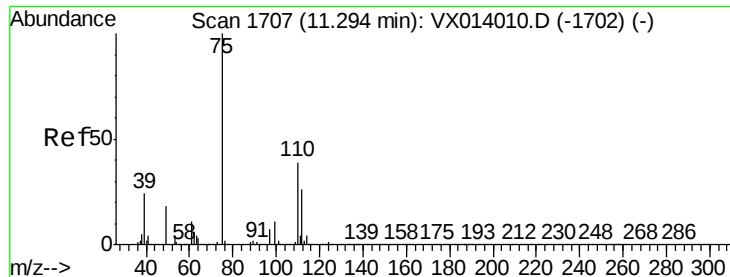
Tgt Ion: 43 Resp: 8479  
Ion Ratio Lower Upper  
43 100  
70 95.3 34.4 51.6#  
55 333.2 19.1 28.7#  
61 7.3 19.7 29.5#



#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.343 ug/l  
RT: 11.27 min Scan# 1703  
Delta R.T. 0.01 min  
Lab File: VX014376.D  
Acq: 31 Dec 2019 13:44

Tgt Ion: 83 Resp: 2950  
Ion Ratio Lower Upper  
83 100  
131 12.7 5.1 15.2  
85 0.0 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 21.809 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

Instrument :

MSVOA\_X

ClientSampleId :

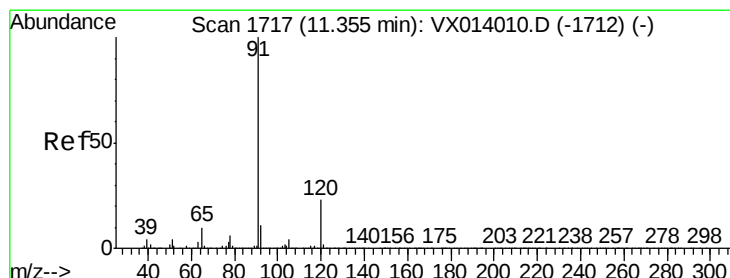
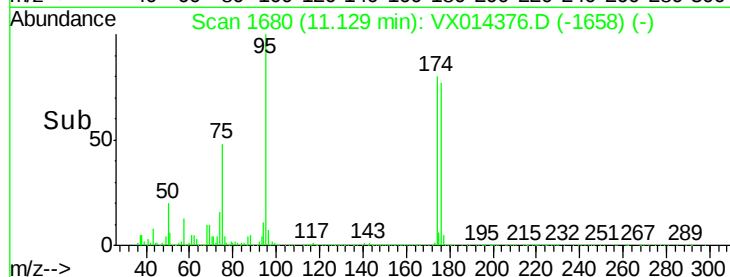
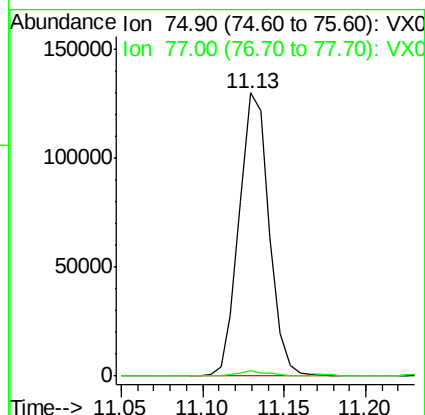
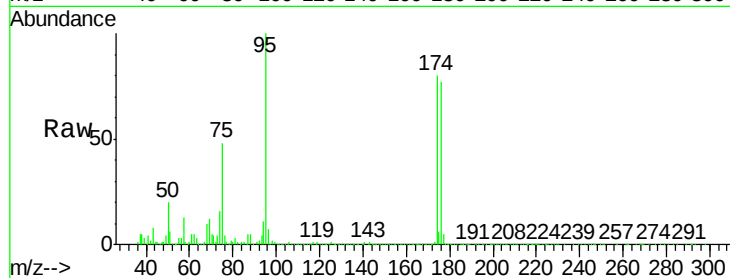
K500-1ME

Tgt Ion: 75 Resp: 166915

Ion Ratio Lower Upper

75 100

77 1.5 19.3 57.8#



#78

n-propylbenzene

Concen: 0.551 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014376.D

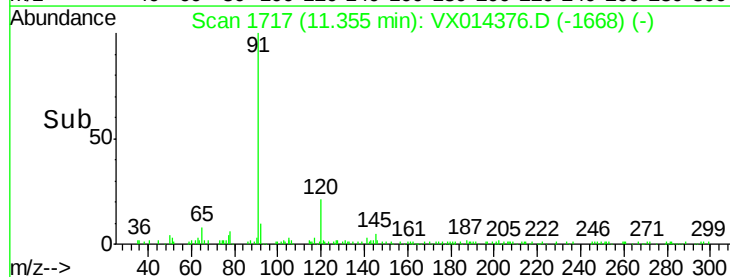
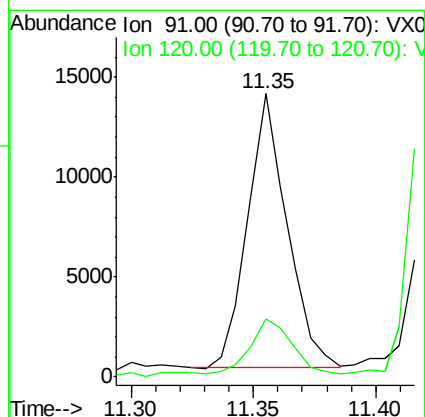
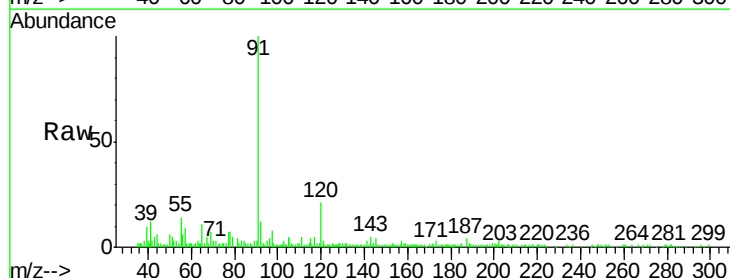
Acq: 31 Dec 2019 13:44

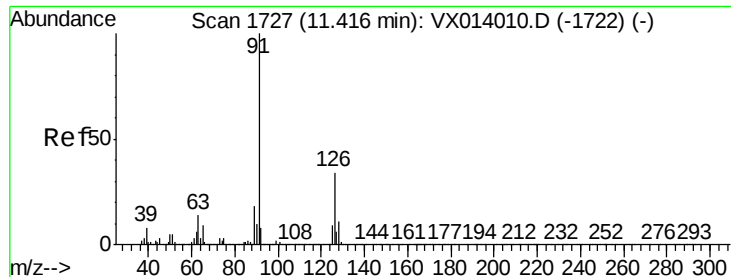
Tgt Ion: 91 Resp: 15344

Ion Ratio Lower Upper

91 100

120 26.0 11.7 35.0





#79

2-Chlorotoluene

Concen: 1.908 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

Instrument :

MSVOA\_X

ClientSampleId :

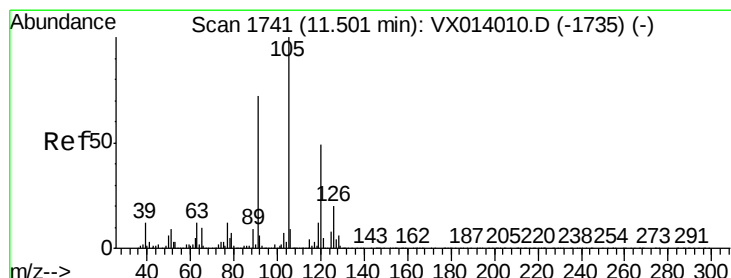
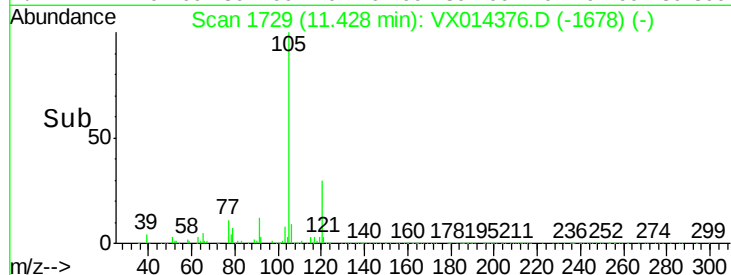
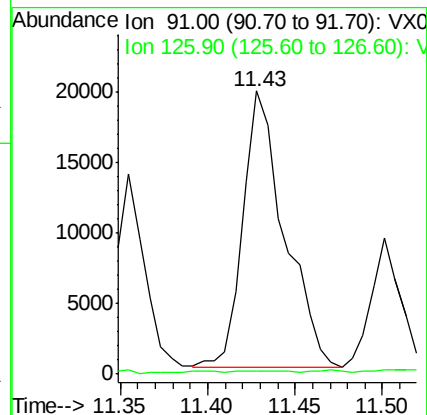
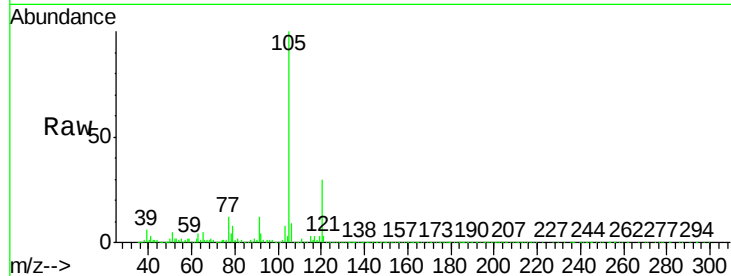
K500-1ME

Tgt Ion: 91 Resp: 32297

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.6#



#80

1,3,5-Trimethylbenzene

Concen: 4.879 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014376.D

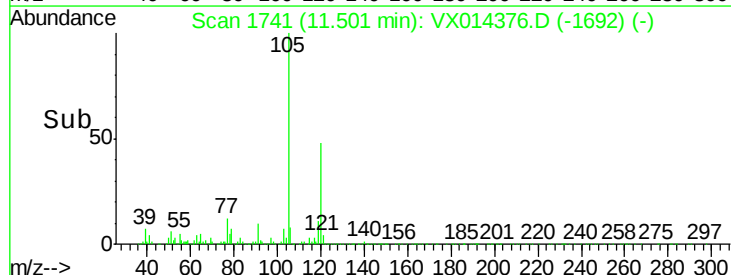
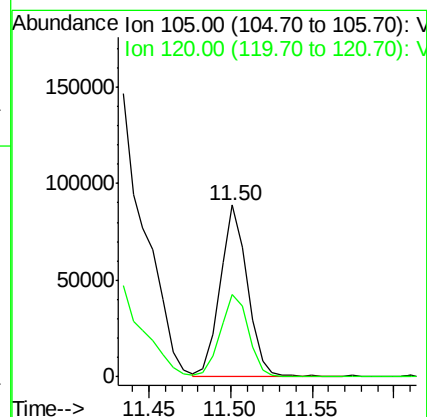
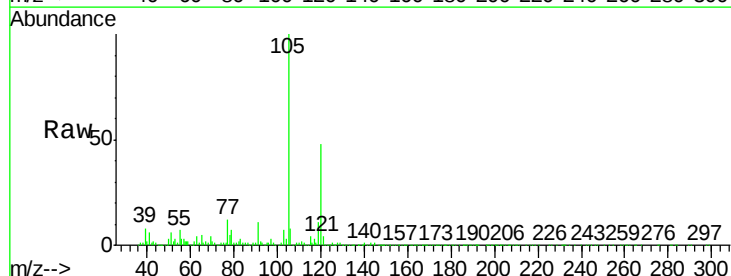
Acq: 31 Dec 2019 13:44

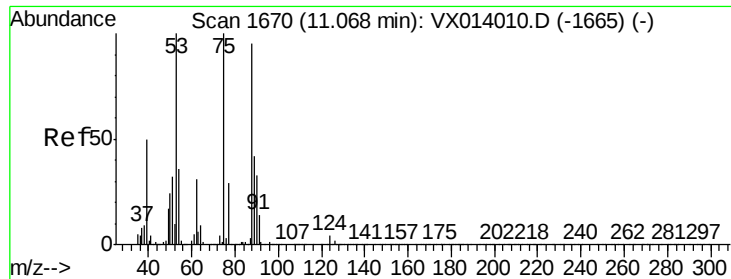
Tgt Ion: 105 Resp: 101912

Ion Ratio Lower Upper

105 100

120 50.3 25.3 75.8

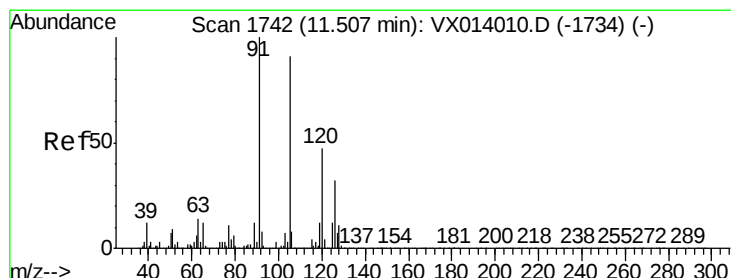
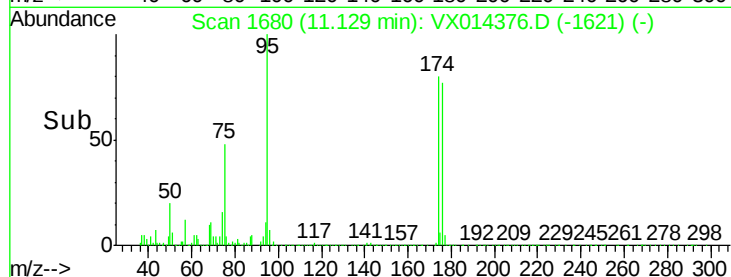
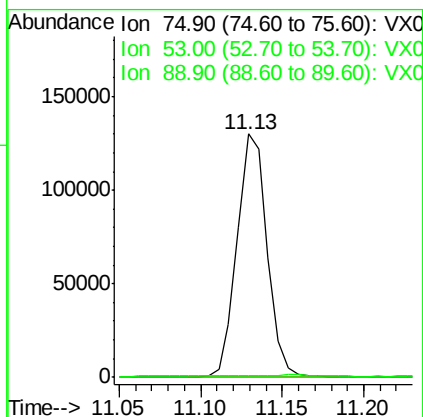
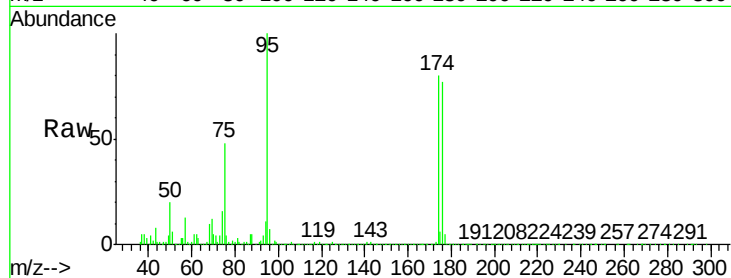




#81  
trans-1,4-Dichloro-2-butene  
Concen: 61.557 ug/l  
RT: 11.13 min Scan# 1680  
Delta R.T. 0.06 min  
Lab File: VX014376.D  
Acq: 31 Dec 2019 13:44

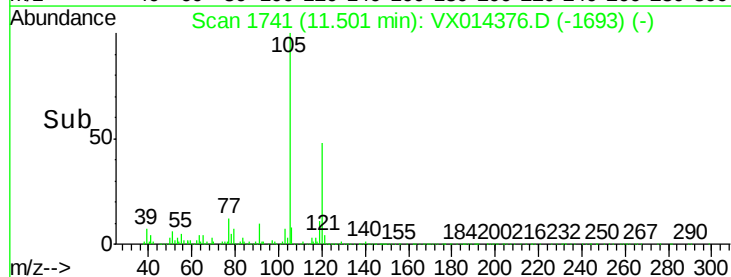
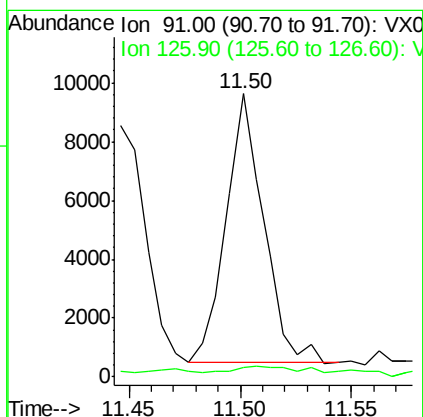
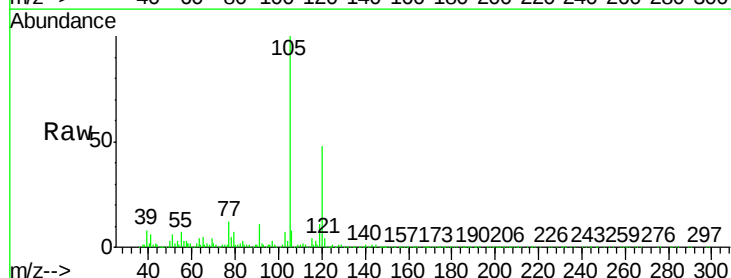
Instrument :  
MSVOA\_X  
ClientSampleId :  
K500-1ME

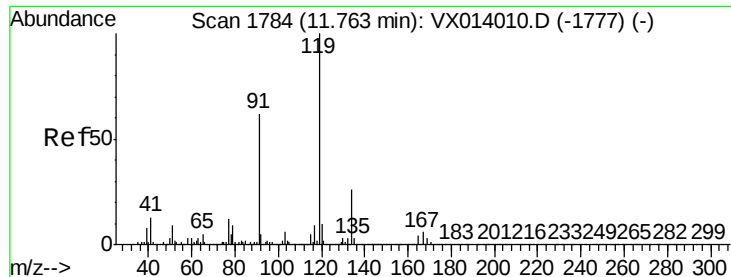
Tgt Ion: 75 Resp: 166915  
Ion Ratio Lower Upper  
75 100  
53 0.8 76.7 115.1#  
89 0.3 34.6 51.8#



#82  
4-Chlorotoluene  
Concen: 0.547 ug/l  
RT: 11.50 min Scan# 1741  
Delta R.T. -0.01 min  
Lab File: VX014376.D  
Acq: 31 Dec 2019 13:44

Tgt Ion: 91 Resp: 10736  
Ion Ratio Lower Upper  
91 100  
126 3.3 15.6 46.8#

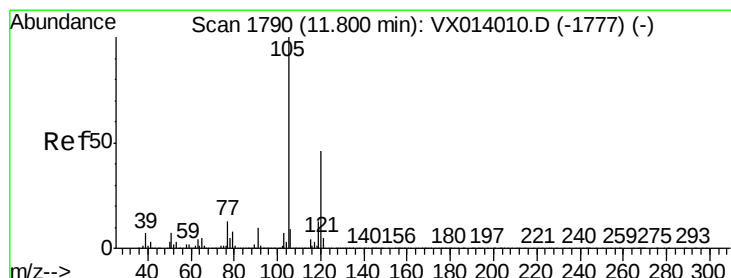
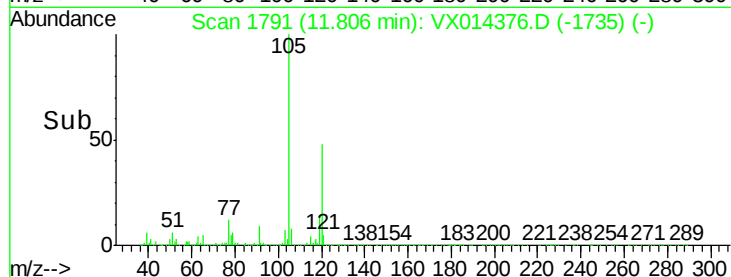
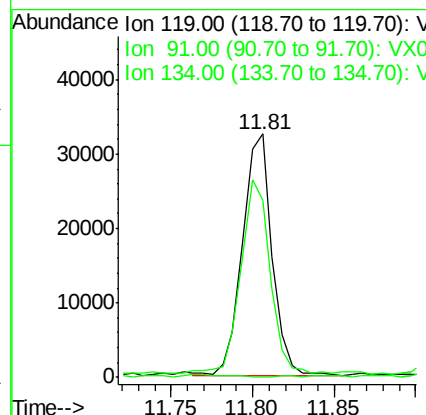
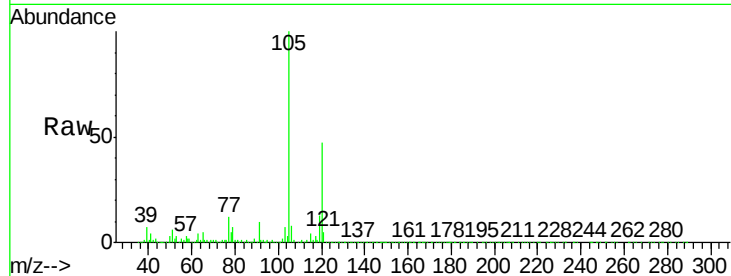




#83  
tert-Butylbenzene  
Concen: 2.008 ug/l  
RT: 11.81 min Scan# 1791  
Delta R.T. 0.04 min  
Lab File: VX014376.D  
Acq: 31 Dec 2019 13:44

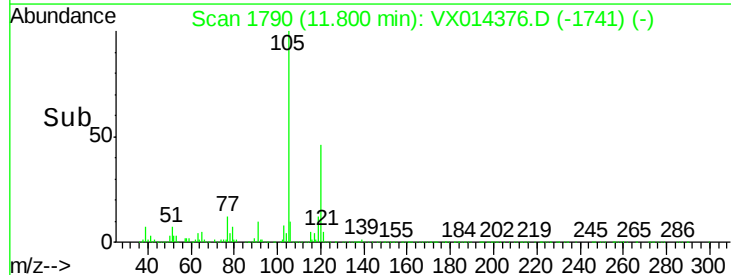
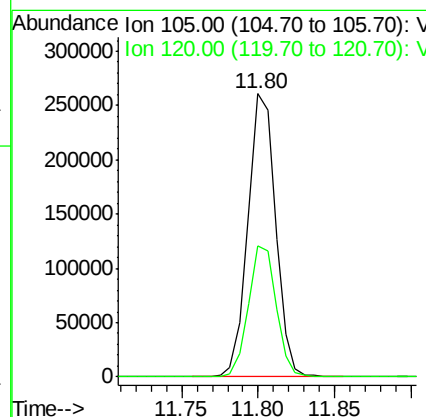
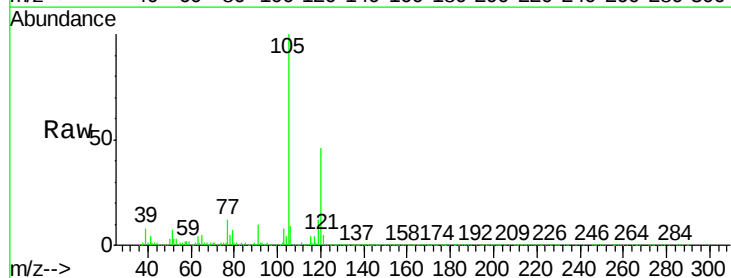
Instrument :  
MSVOA\_X  
ClientSampleId :  
K500-1ME

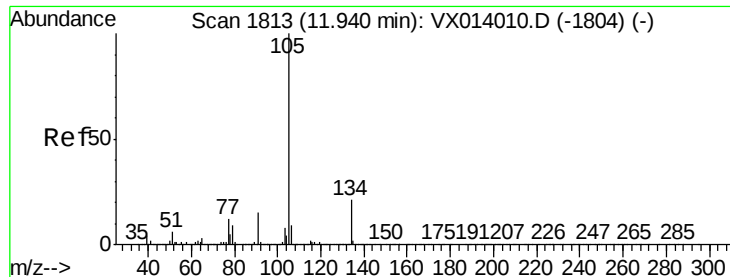
Tgt Ion:119 Resp: 40812  
Ion Ratio Lower Upper  
119 100  
91 79.5 28.5 85.6  
134 0.0 12.2 36.6#



#84  
1,2,4-Trimethylbenzene  
Concen: 15.623 ug/l  
RT: 11.80 min Scan# 1790  
Delta R.T. 0.00 min  
Lab File: VX014376.D  
Acq: 31 Dec 2019 13:44

Tgt Ion:105 Resp: 326818  
Ion Ratio Lower Upper  
105 100  
120 46.7 23.1 69.2

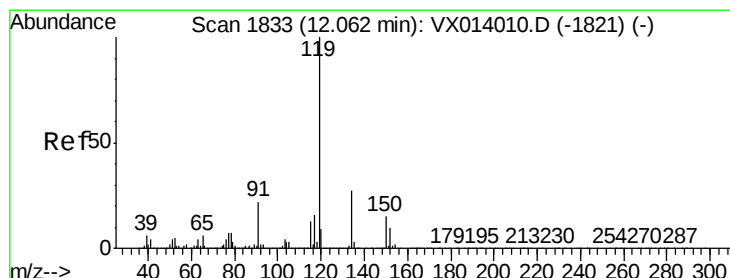
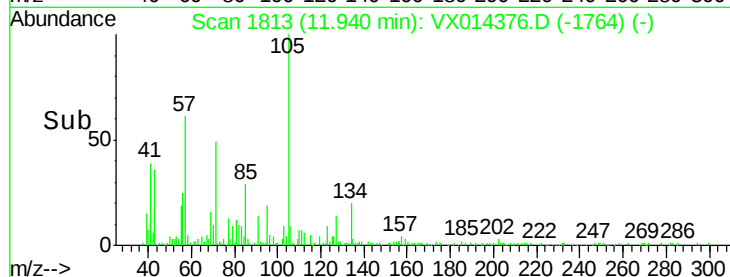
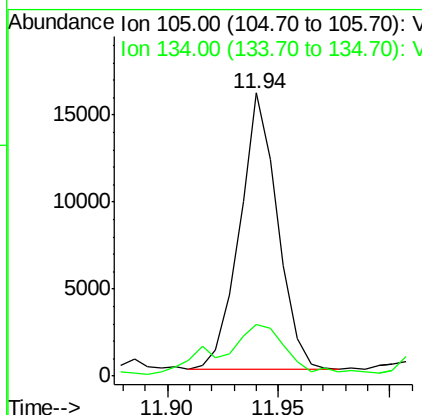
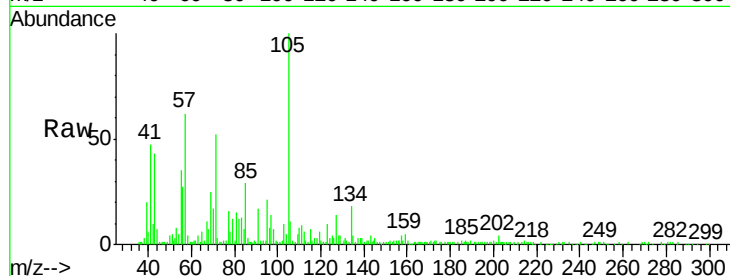




#85  
 sec-Butylbenzene  
 Concen: 0.783 ug/l  
 RT: 11.94 min Scan# 1813  
 Delta R.T. 0.00 min  
 Lab File: VX014376.D  
 Acq: 31 Dec 2019 13:44

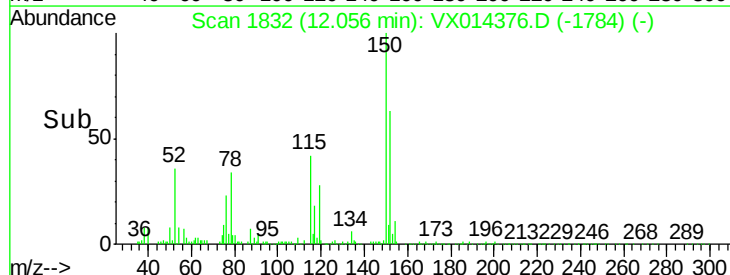
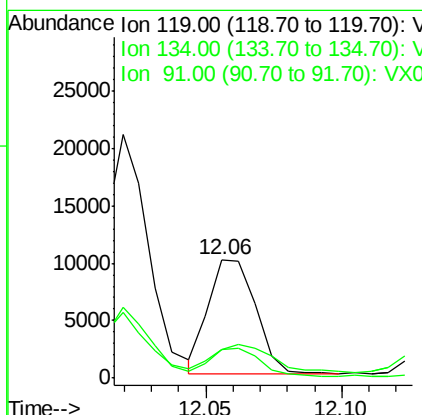
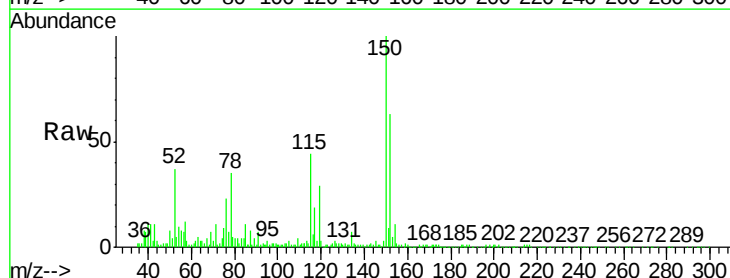
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 K500-1ME

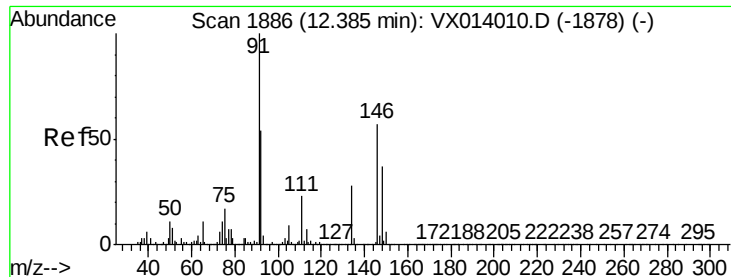
Tgt Ion:105 Resp: 18791  
 Ion Ratio Lower Upper  
 105 100  
 134 31.3 10.4 31.1#



#86  
 p-Isopropyltoluene  
 Concen: 0.543 ug/l  
 RT: 12.06 min Scan# 1832  
 Delta R.T. -0.01 min  
 Lab File: VX014376.D  
 Acq: 31 Dec 2019 13:44

Tgt Ion:119 Resp: 11916  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.4 40.1  
 91 31.4 11.4 34.1





#89

n-Butylbenzene

Concen: 2.436 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

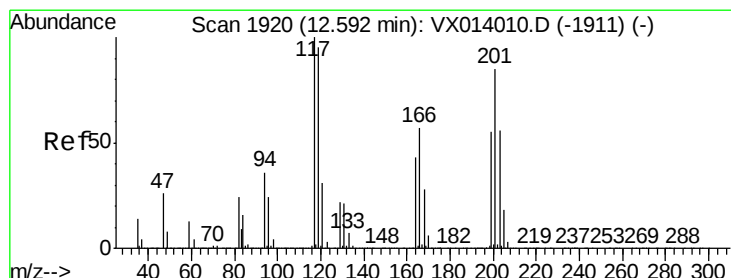
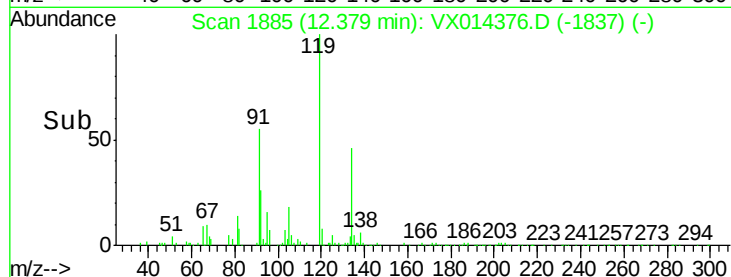
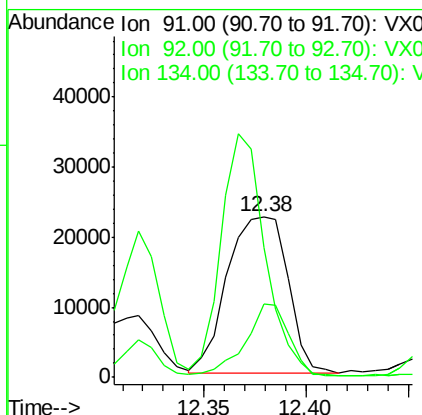
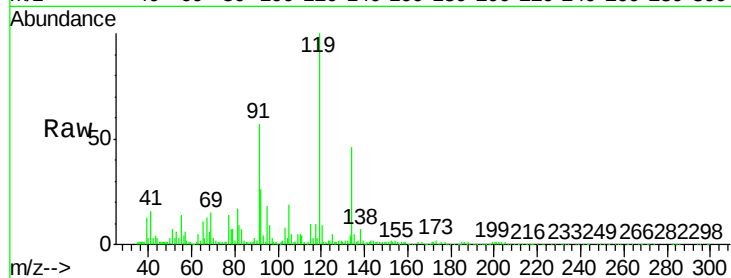
Instrument :

MSVOA\_X

ClientSampleId :

K500-1ME

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 45635 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 33.9  | 27.2  | 81.6  |
| 134      | 113.1 | 13.4  | 40.1# |



#90

Hexachloroethane

Concen: 0.525 ug/l

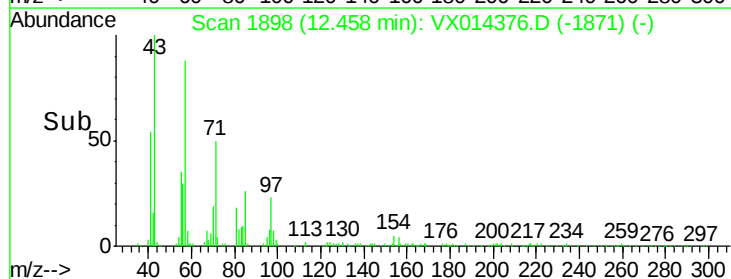
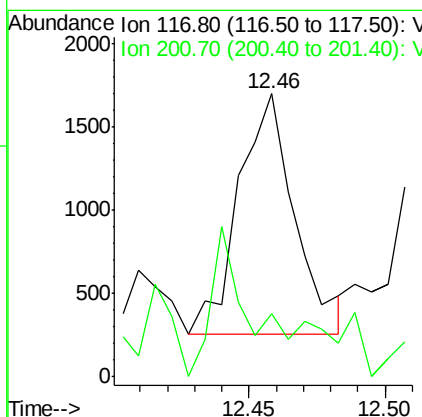
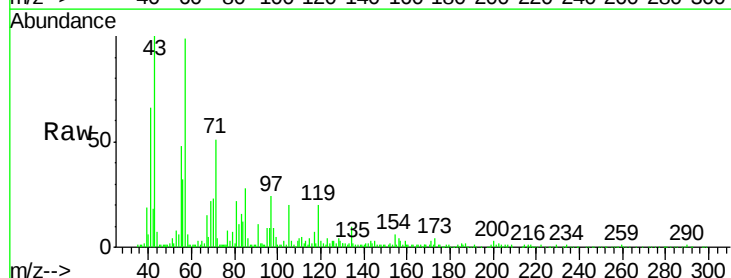
RT: 12.46 min Scan# 1898

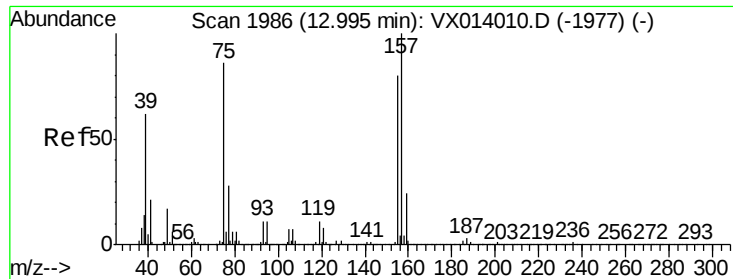
Delta R.T. -0.13 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 2072  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 64.4  | 43.1  | 129.3 |





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.699 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

Instrument :

MSVOA\_X

ClientSampled :

K500-1ME

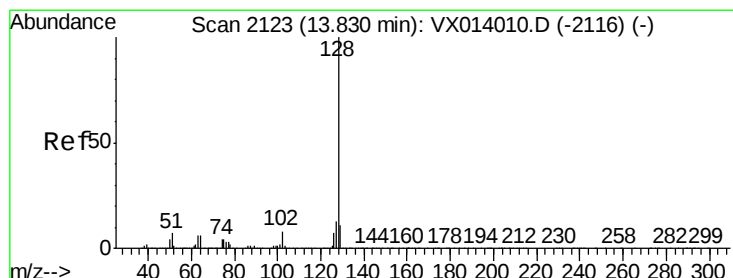
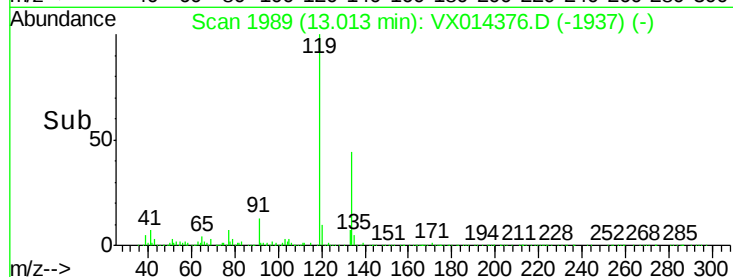
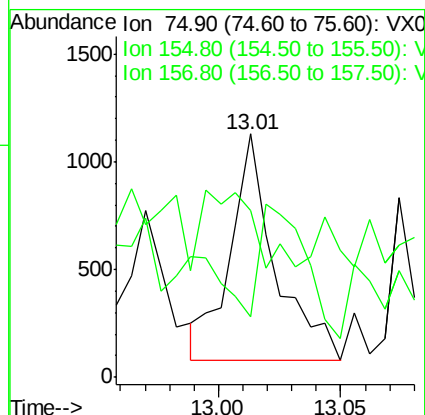
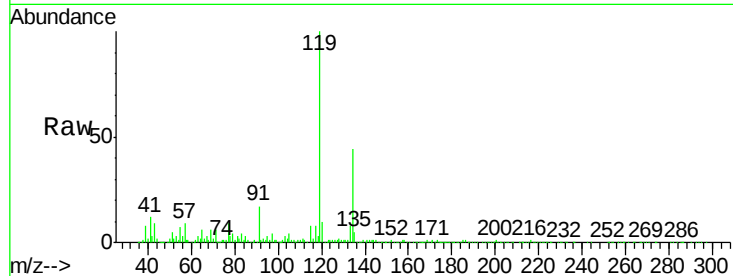
Tgt Ion: 75 Resp: 1332

Ion Ratio Lower Upper

75 100

155 58.9 46.9 140.6

157 0.0 60.8 182.4#



#95

Naphthalene

Concen: 1.112 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014376.D

Acq: 31 Dec 2019 13:44

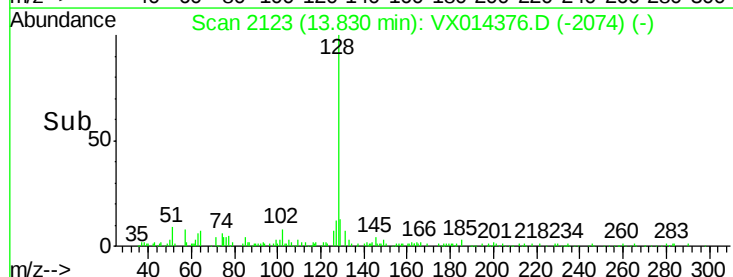
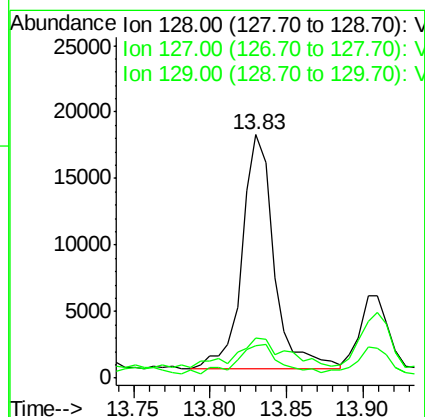
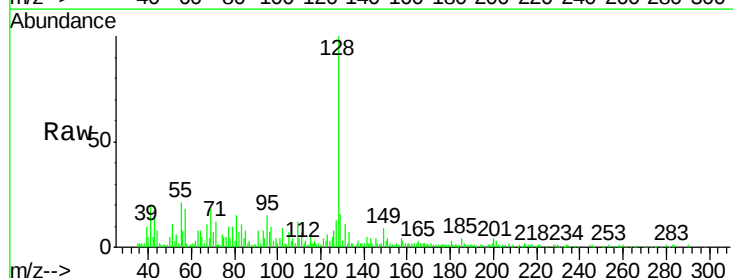
Tgt Ion: 128 Resp: 25575

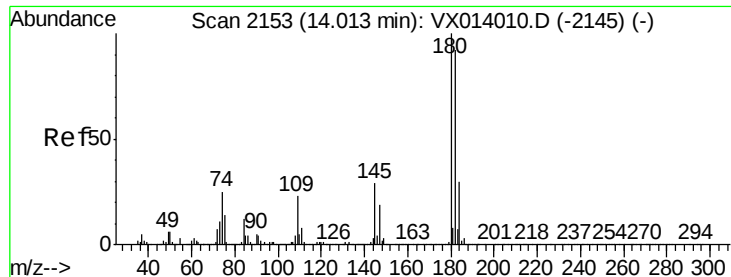
Ion Ratio Lower Upper

128 100

127 17.3 10.2 15.4#

129 19.4 8.7 13.1#

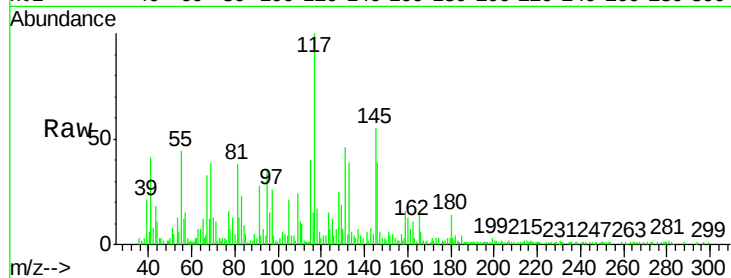




#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.305 ug/l  
 RT: 14.03 min Scan# 2156  
 Delta R.T. 0.02 min  
 Lab File: VX014376.D  
 Acq: 31 Dec 2019 13:44

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 K500-1ME

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 180     | 100   |       |        |
| 182     | 27.3  | 46.8  | 140.3# |
| 145     | 404.2 | 14.8  | 44.4#  |



Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.90 (144.60 to 145.60): V

