

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX081619\  
 Data File : VX011593.D  
 Acq On : 16 Aug 2019 19:56  
 Operator : JC/SP  
 Sample : K4368-01RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PH2-0134RE

Quant Time: Aug 19 01:13:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081519W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 16 04:15:26 2019  
 Response via : Initial Calibration

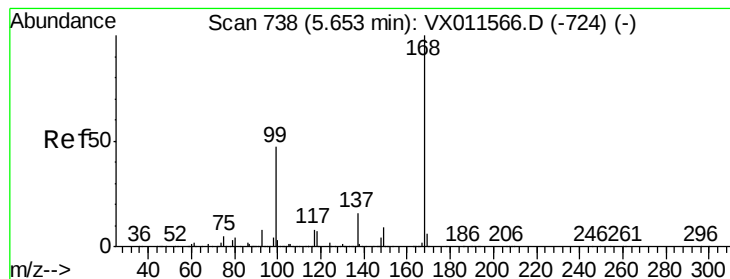
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 454141   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 622295   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 551638   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 270566   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 212977   | 50.57 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.14% |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 182724   | 44.89 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.78%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 705314   | 55.61 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 111.22% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 252501   | 47.17 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.34%  |          |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 11) Tert butyl alcohol         | 3.01  | 59   | 833      | 0.806  | ug/l # | 71     |
| 13) Acrolein                   | 2.29  | 56   | 427      | 13.462 | ug/l # | 76     |
| 16) Acetone                    | 2.43  | 43   | 1343     | 0.634  | ug/l   | 91     |
| 18) Methyl Acetate             | 2.84  | 43   | 13740    | 2.092  | ug/l # | 58     |
| 31) Cyclohexane                | 5.57  | 56   | 9076     | 1.453  | ug/l   | 95     |
| 36) 1,1-Dichloropropene        | 5.66  | 75   | 26893    | 5.055  | ug/l # | 40     |
| 38) Carbon Tetrachloride       | 5.66  | 117  | 37850    | 6.457  | ug/l # | 15     |
| 39) Methylcyclohexane          | 7.46  | 83   | 18348    | 2.792  | ug/l # | 77     |
| 40) Benzene                    | 6.15  | 78   | 3728     | 0.225  | ug/l # | 86     |
| 49) 1,4-Dioxane                | 7.74  | 88   | 75       | 0.596  | ug/l # | 25     |
| 52) Toluene                    | 8.78  | 92   | 2338     | 0.222  | ug/l   | 88     |
| 55) 1,1,2-Trichloroethane      | 9.16  | 97   | 10547    | 2.355  | ug/l # | 18     |
| 56) Ethyl methacrylate         | 9.16  | 69   | 2684     | 0.412  | ug/l # | 27     |
| 67) Ethyl Benzene              | 10.25 | 91   | 942331   | 47.989 | ug/l   | 98     |
| 68) m/p-Xylenes                | 10.25 | 106  | 302885   | 40.184 | ug/l # | 22     |
| 71) Bromoform                  | 10.83 | 173  | 101      | 3.314  | ug/l # | 28     |
| 73) Isopropylbenzene           | 11.02 | 105  | 207016   | 11.791 | ug/l   | 100    |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 116123   | 22.634 | ug/l # | 35     |
| 78) n-propylbenzene            | 11.36 | 91   | 120558   | 6.368  | ug/l   | 100    |
| 79) 2-Chlorotoluene            | 11.36 | 91   | 120558   | 10.371 | ug/l # | 38     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 116123   | 60.298 | ug/l # | 11     |
| 82) 4-Chlorotoluene            | 11.36 | 91   | 120558   | 8.939  | ug/l # | 42     |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 7392     | 0.499  | ug/l   | 97     |
| 85) sec-Butylbenzene           | 11.94 | 105  | 15613    | 0.921  | ug/l   | 81     |
| 86) p-Isopropyltoluene         | 12.23 | 119  | 6520     | 0.409  | ug/l   | 91     |
| 89) n-Butylbenzene             | 12.38 | 91   | 2968     | 0.226  | ug/l # | 41     |
| 90) Hexachloroethane           | 12.70 | 117  | 7984     | 3.171  | ug/l # | 1      |

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

```
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Data File : VX011593.D
Acq On    : 16 Aug 2019   19:56
Operator  : JC/SP
Sample    : K4368-01RE
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 24   Sample Multiplier: 1
```



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

Instrument :

MSVOA\_X

ClientSampleId :

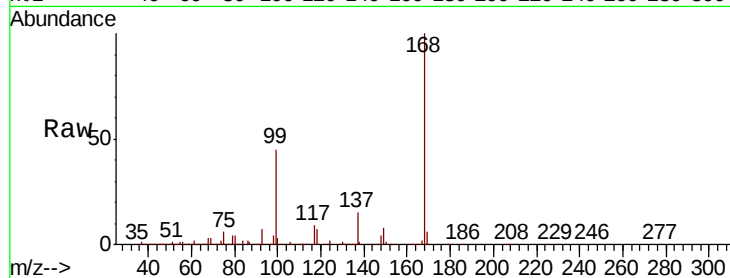
PH2-0134RE

Tgt Ion: 168 Resp: 454141

Ion Ratio Lower Upper

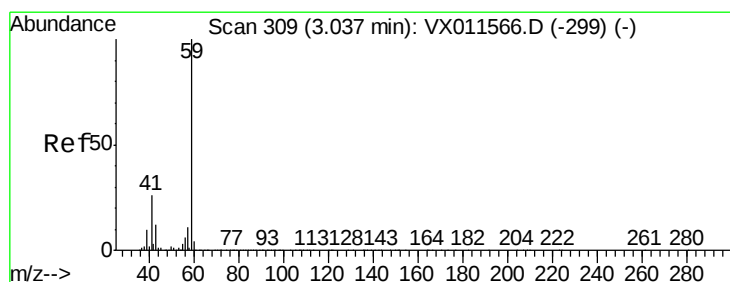
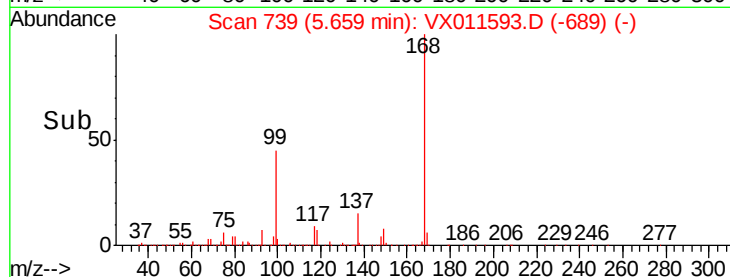
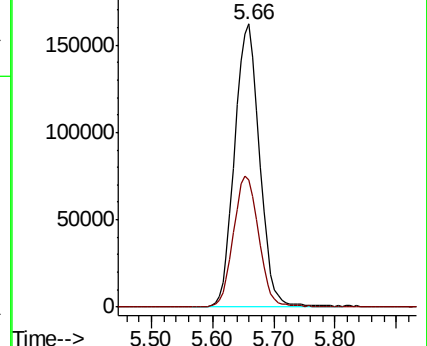
168 100

99 44.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 0.806 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.02 min

Lab File: VX011593.D

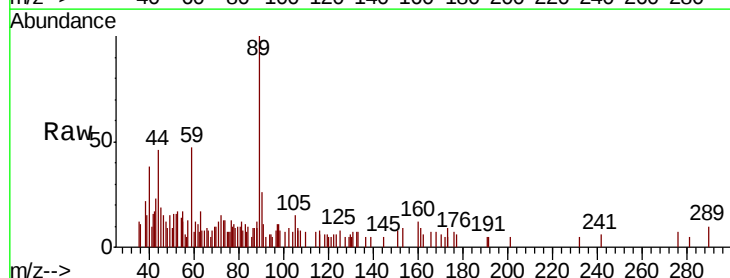
Acq: 16 Aug 2019 19:56

Tgt Ion: 59 Resp: 833

Ion Ratio Lower Upper

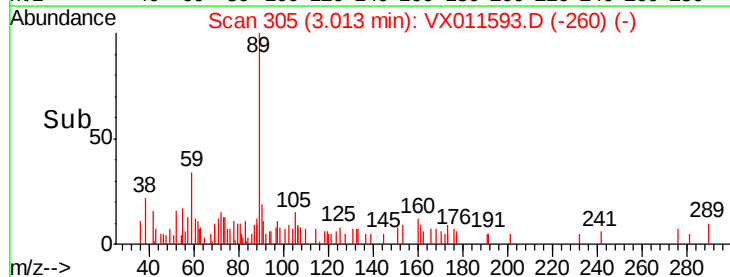
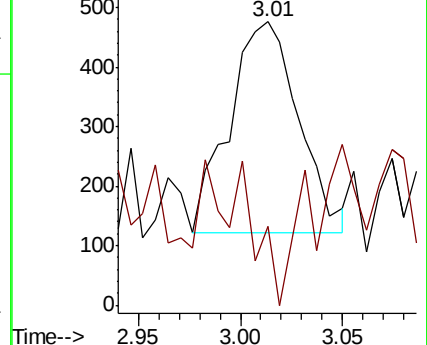
59 100

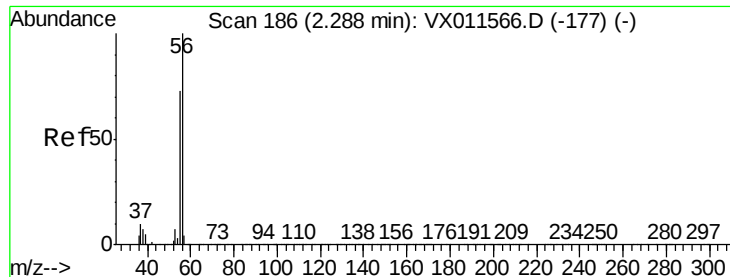
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 13.462 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

Instrument :

MSVOA\_X

ClientSampled :

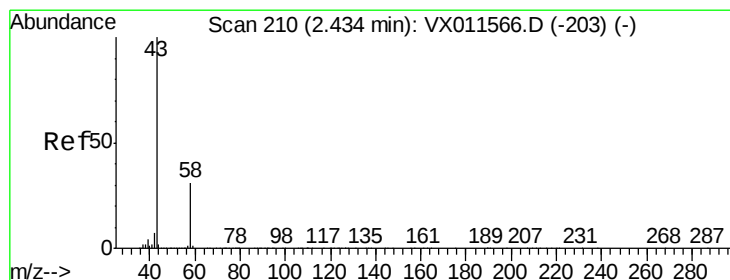
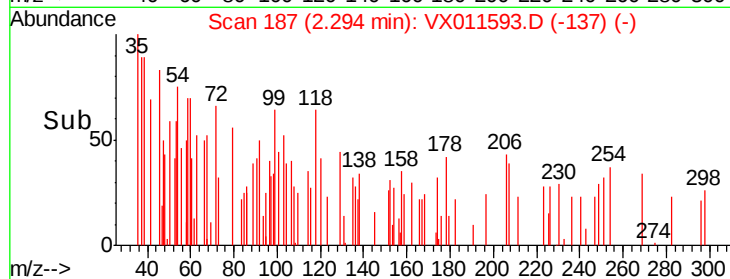
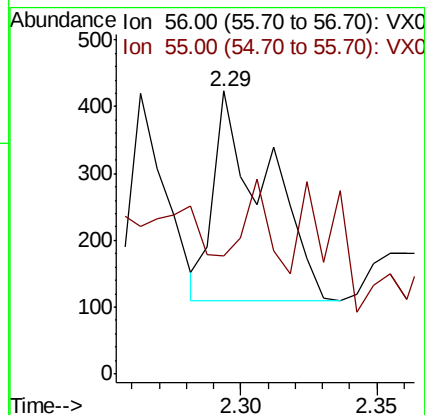
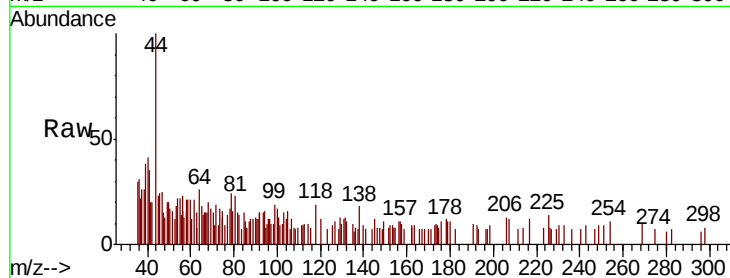
PH2-0134RE

Tgt Ion: 56 Resp: 427

Ion Ratio Lower Upper

56 100

55 49.6 55.5 83.3#



#16

Acetone

Concen: 0.634 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011593.D

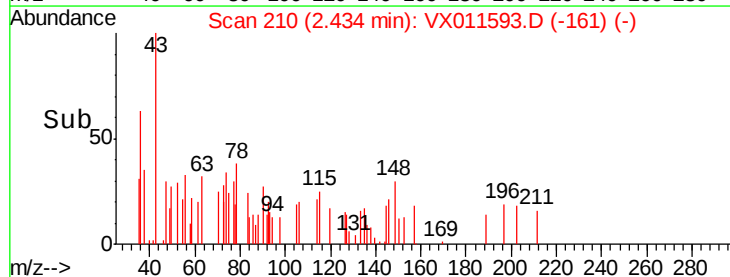
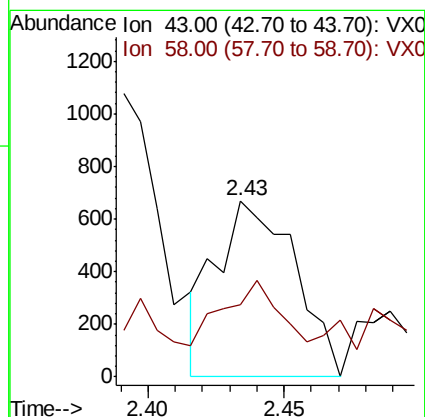
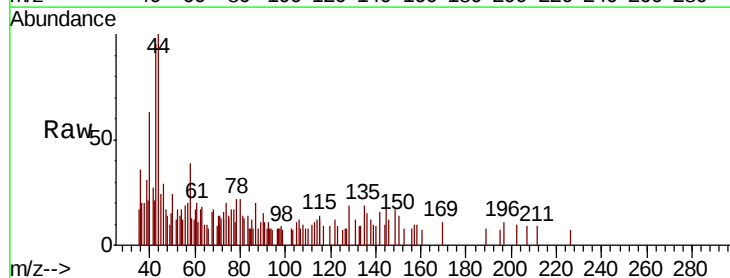
Acq: 16 Aug 2019 19:56

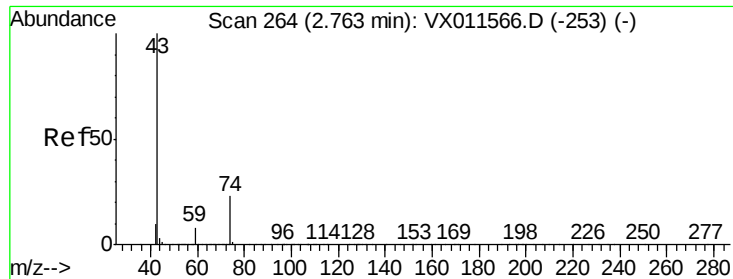
Tgt Ion: 43 Resp: 1343

Ion Ratio Lower Upper

43 100

58 36.4 25.2 37.8

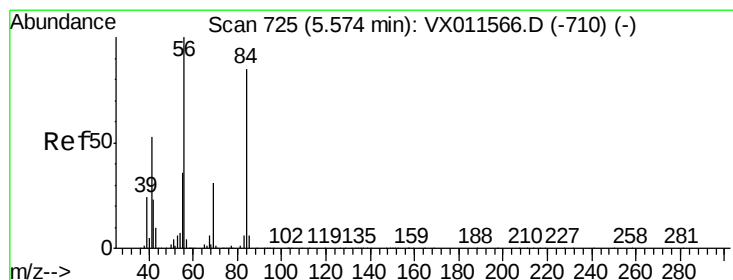
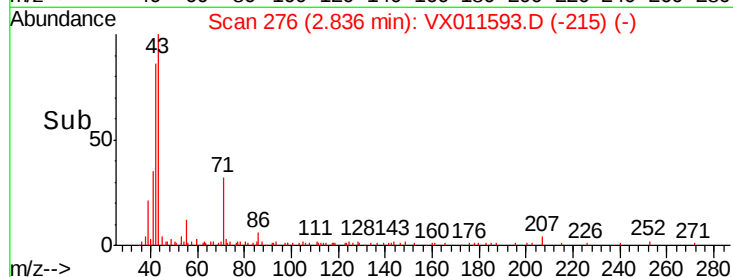
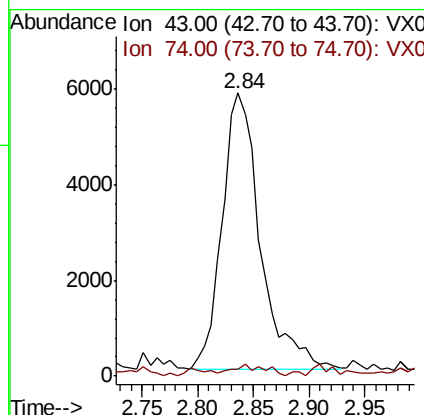
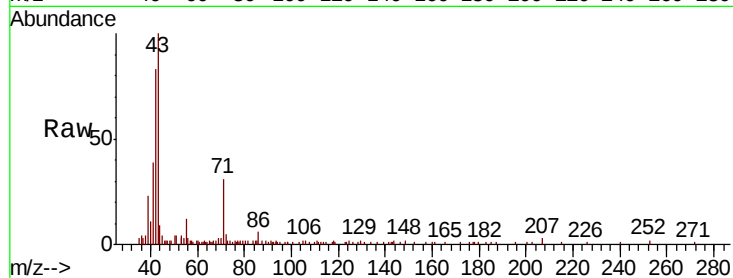




#18  
Methyl Acetate  
Concen: 2.092 ug/l  
RT: 2.84 min Scan# 276  
Delta R.T. 0.07 min  
Lab File: VX011593.D  
Acq: 16 Aug 2019 19:56

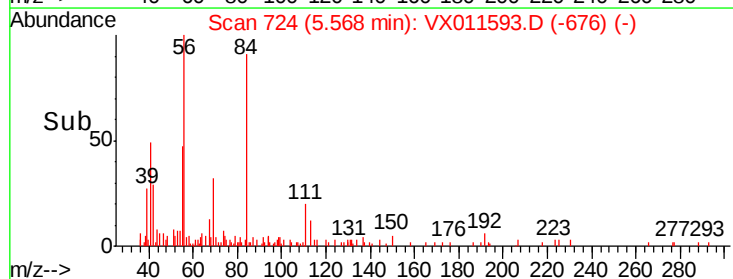
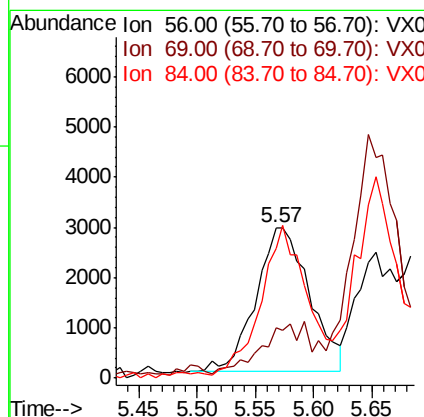
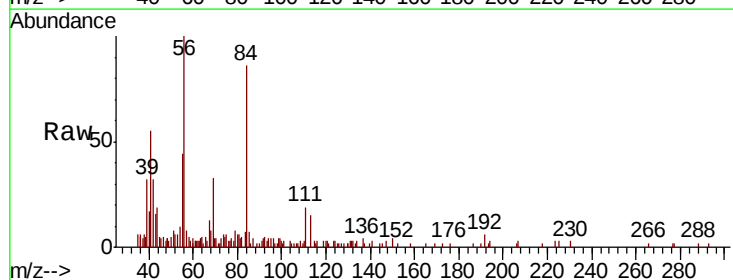
Instrument :  
MSVOA\_X  
ClientSampleId :  
PH2-0134RE

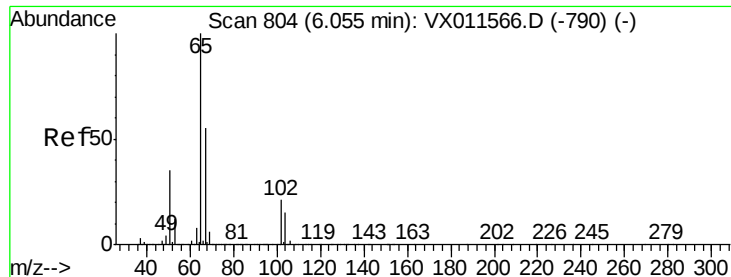
Tgt Ion: 43 Resp: 13740  
Ion Ratio Lower Upper  
43 100  
74 3.6 19.7 29.5#



#31  
Cyclohexane  
Concen: 1.453 ug/l  
RT: 5.57 min Scan# 724  
Delta R.T. -0.01 min  
Lab File: VX011593.D  
Acq: 16 Aug 2019 19:56

Tgt Ion: 56 Resp: 9076  
Ion Ratio Lower Upper  
56 100  
69 25.5 24.8 37.2  
84 87.3 67.9 101.9





#33

1,2-Dichloroethane-d4

Concen: 50.570 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

Instrument :

MSVOA\_X

ClientSampleId :

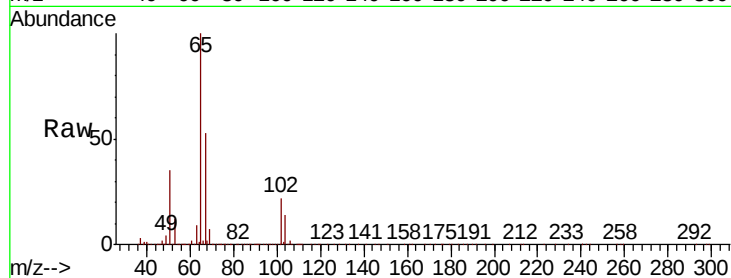
PH2-0134RE

Tgt Ion: 65 Resp: 212977

Ion Ratio Lower Upper

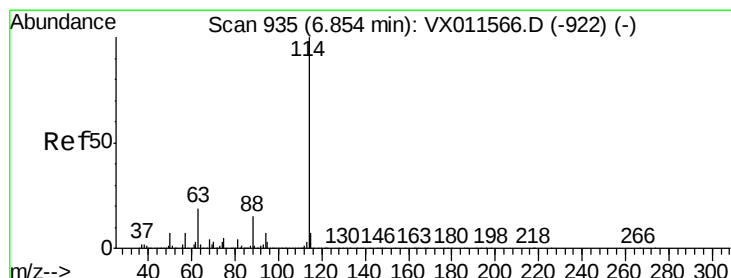
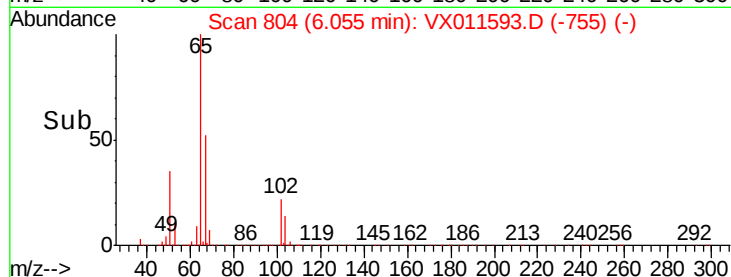
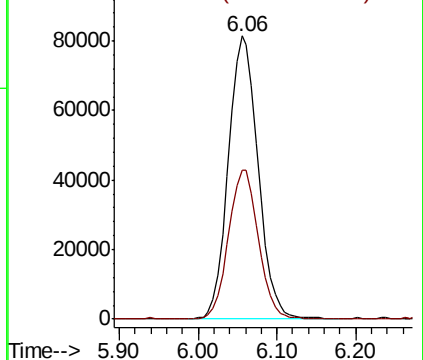
65 100

67 53.4 0.0 107.6



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# 935

Delta R.T. 0.00 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

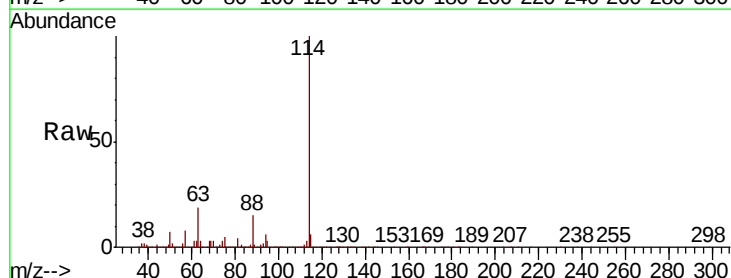
Tgt Ion: 114 Resp: 622295

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.8

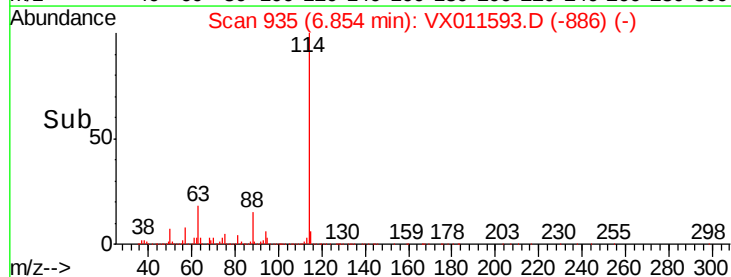
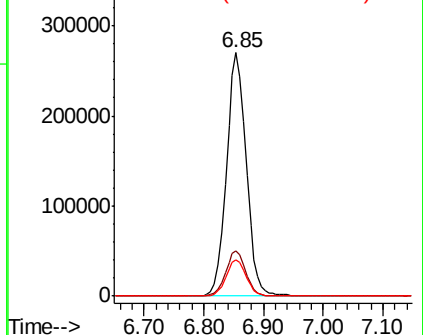
88 14.9 0.0 30.2

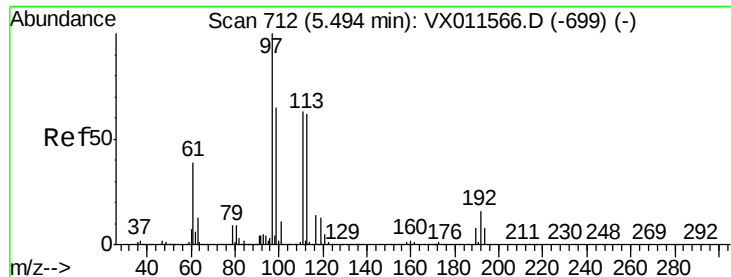


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

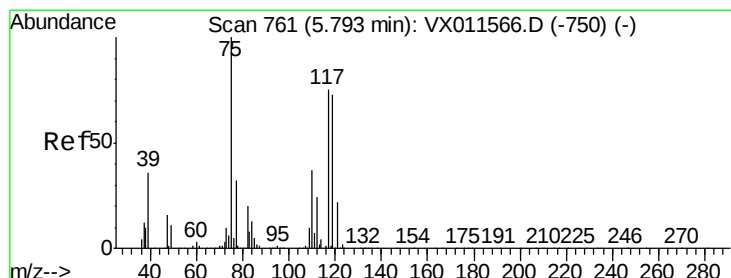
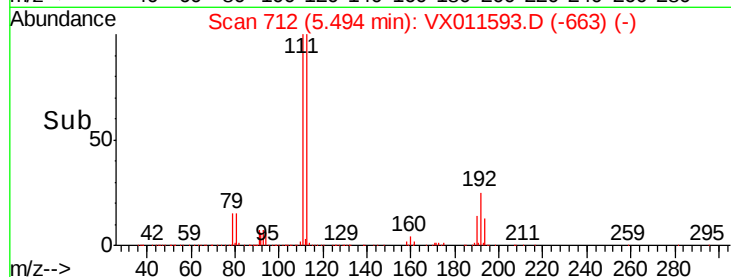
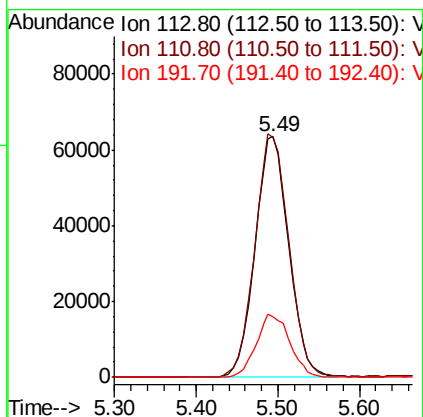
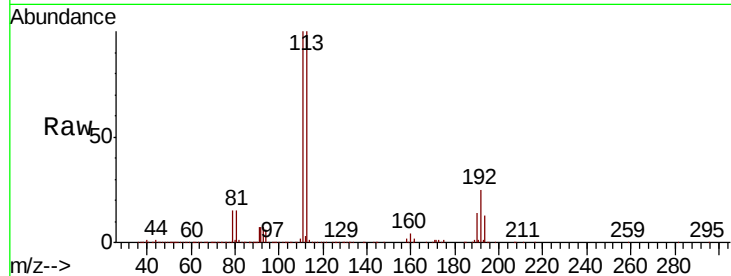




#35  
 Dibromofluoromethane  
 Concen: 44.893 ug/l  
 RT: 5.49 min Scan# 712  
 Delta R.T. 0.00 min  
 Lab File: VX011593.D  
 Acq: 16 Aug 2019 19:56

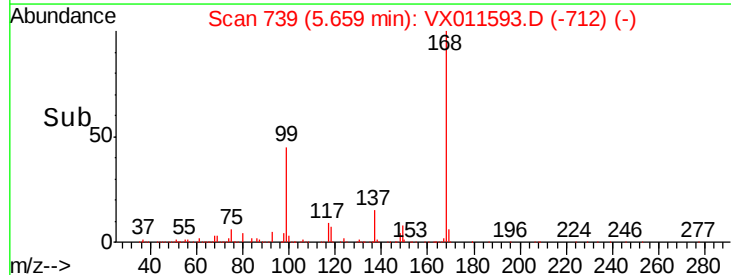
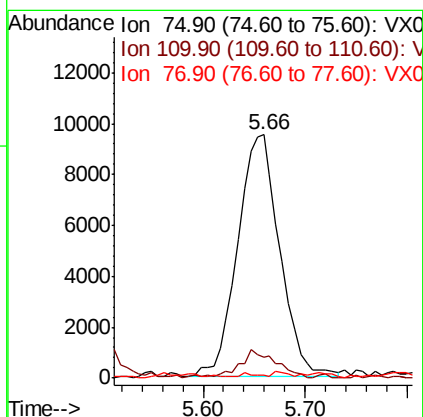
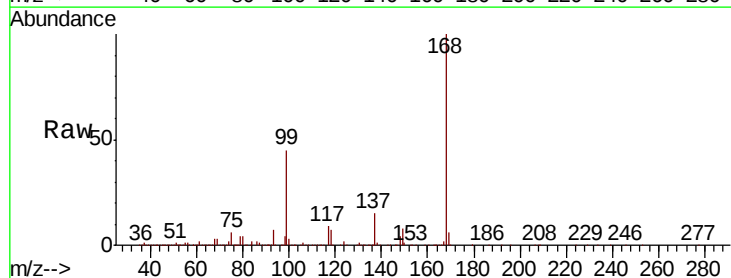
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PH2-0134RE

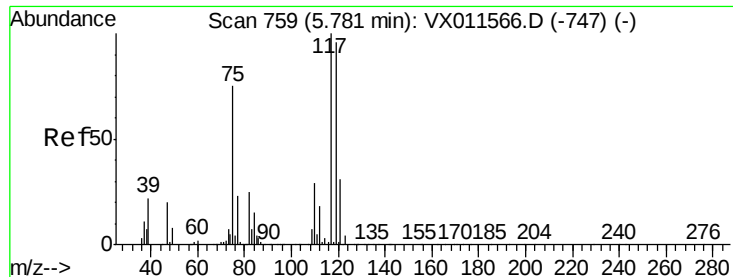
Tgt Ion:113 Resp: 182724  
 Ion Ratio Lower Upper  
 113 100  
 111 102.0 81.1 121.7  
 192 26.3 20.8 31.2



#36  
 1,1-Dichloropropene  
 Concen: 5.055 ug/l  
 RT: 5.66 min Scan# 739  
 Delta R.T. -0.13 min  
 Lab File: VX011593.D  
 Acq: 16 Aug 2019 19:56

Tgt Ion: 75 Resp: 26893  
 Ion Ratio Lower Upper  
 75 100  
 110 0.0 19.4 58.1#  
 77 0.8 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.457 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0134RE

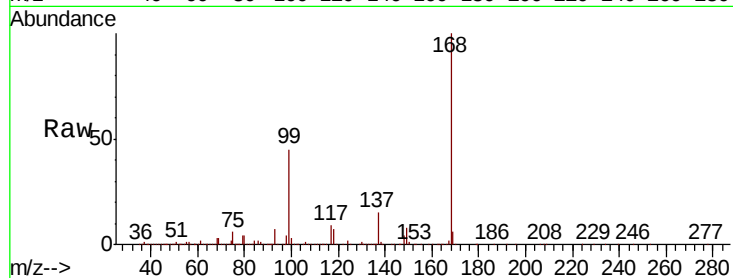
Tgt Ion:117 Resp: 37850

Ion Ratio Lower Upper

117 100

119 4.4 76.9 115.3#

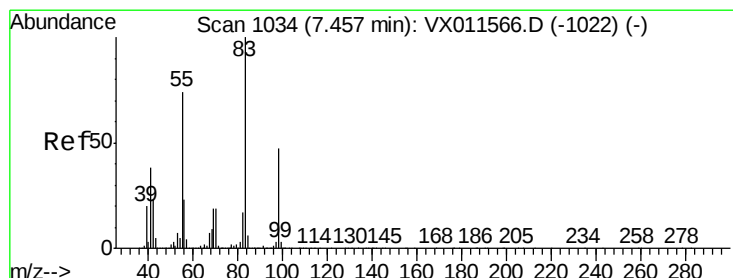
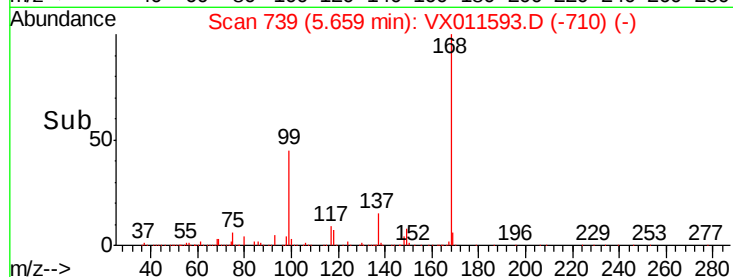
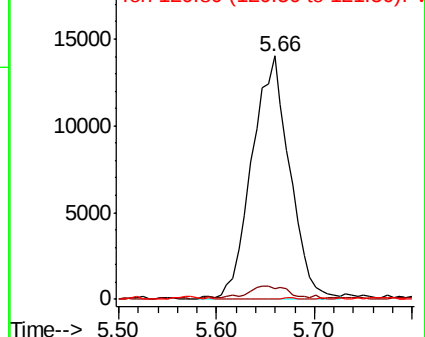
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 2.792 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

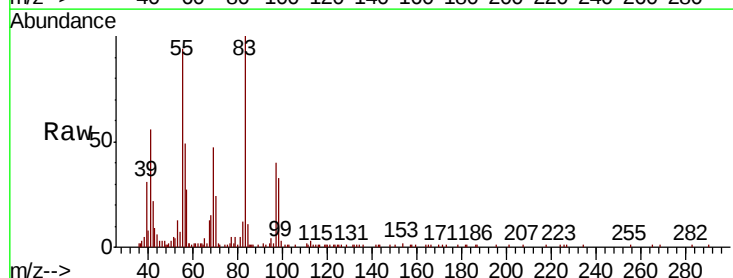
Tgt Ion: 83 Resp: 18348

Ion Ratio Lower Upper

83 100

55 93.0 58.8 88.2#

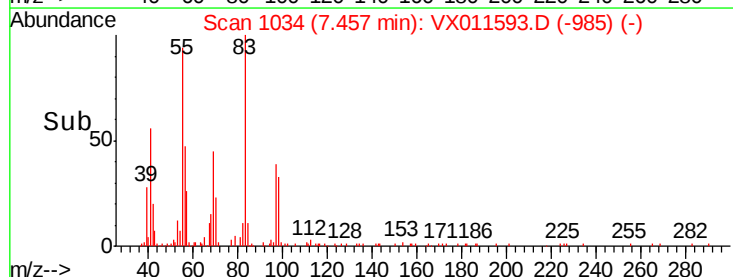
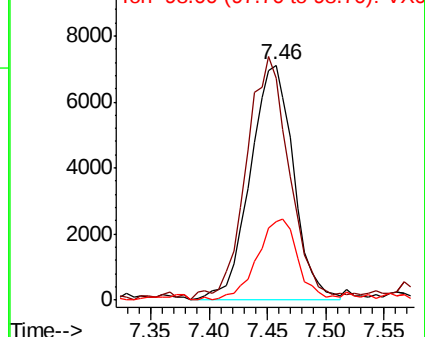
98 31.8 37.8 56.6#

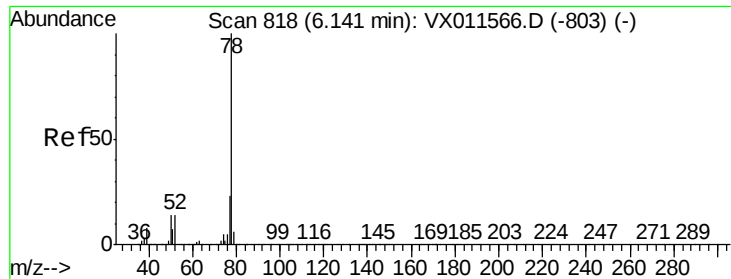


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.225 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

Instrument :

MSVOA\_X

ClientSampled :

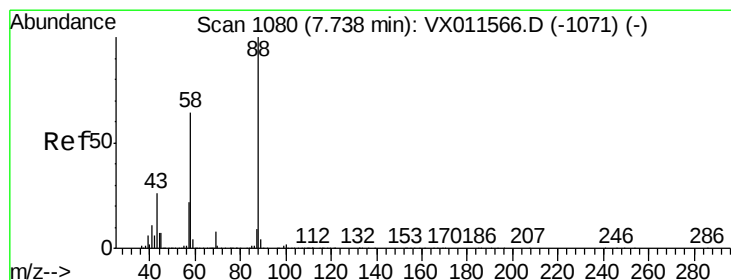
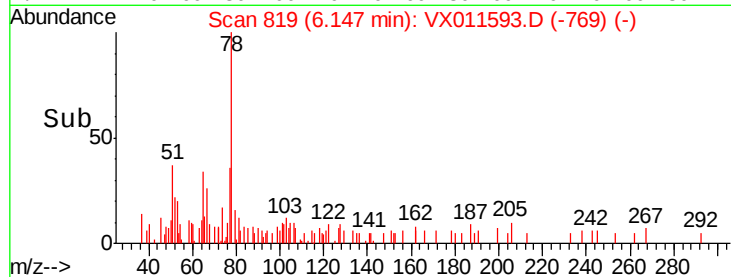
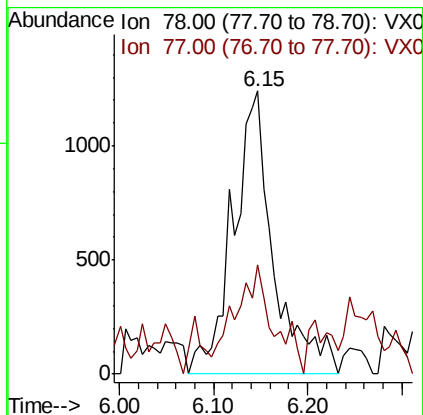
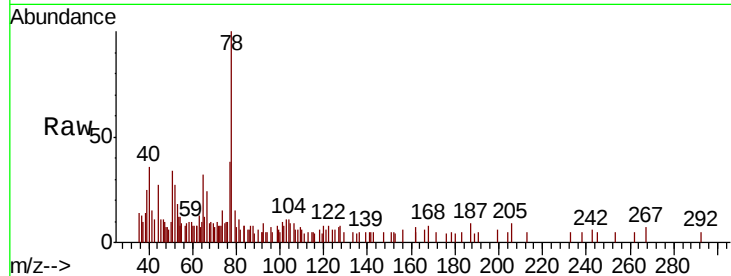
PH2-0134RE

Tgt Ion: 78 Resp: 3728

Ion Ratio Lower Upper

78 100

77 29.9 18.6 28.0#



#49

1,4-Dioxane

Concen: 0.596 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

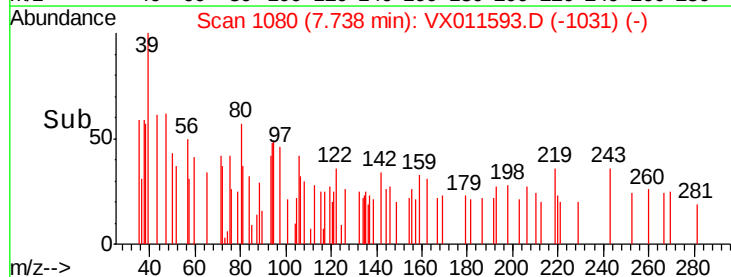
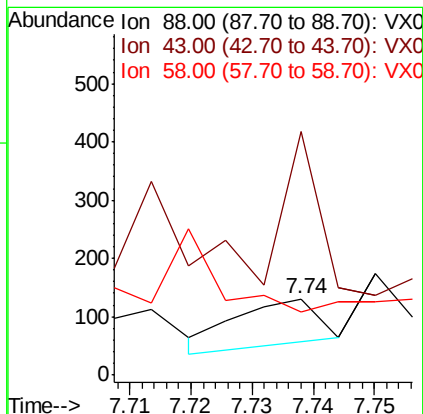
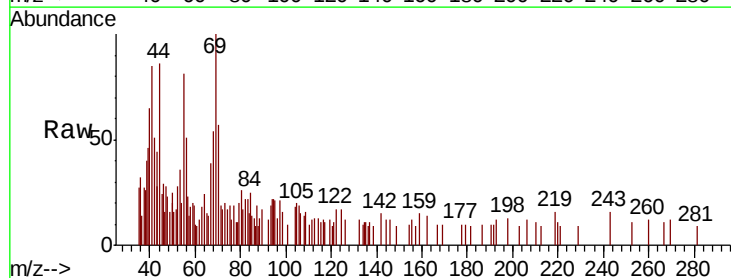
Tgt Ion: 88 Resp: 75

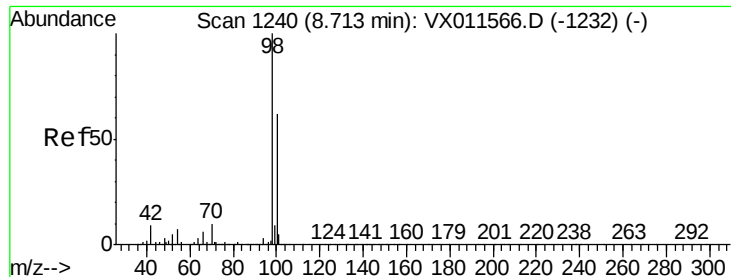
Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.0#

58 0.0 54.3 81.5#





#50

Toluene-d8

Concen: 55.614 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

Instrument :

MSVOA\_X

ClientSampleId :

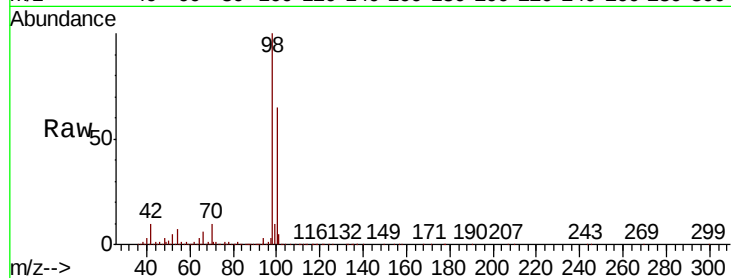
PH2-0134RE

Tgt Ion: 98 Resp: 705314

Ion Ratio Lower Upper

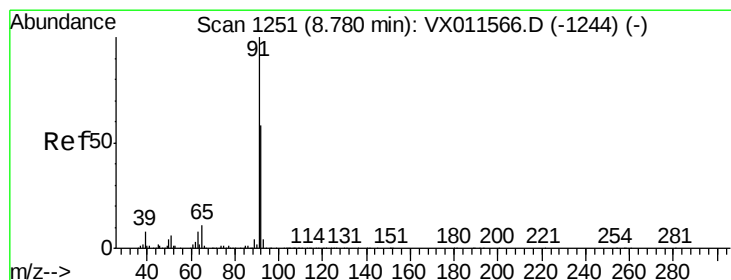
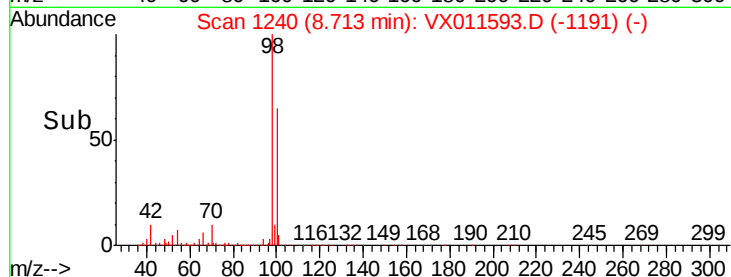
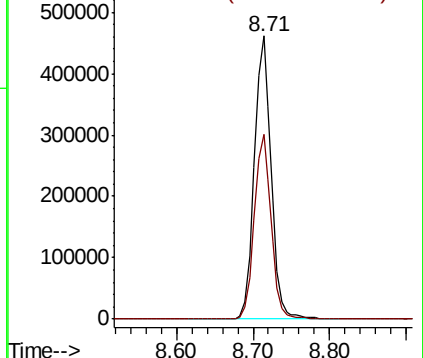
98 100

100 65.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#52

Toluene

Concen: 0.222 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011593.D

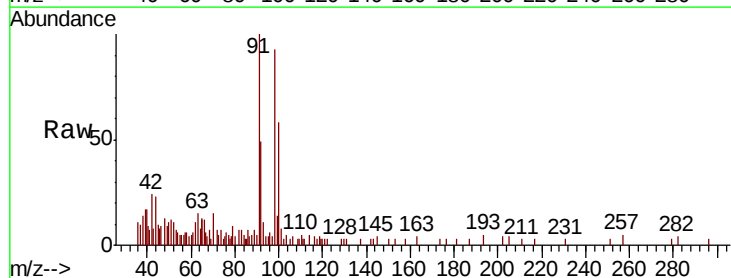
Acq: 16 Aug 2019 19:56

Tgt Ion: 92 Resp: 2338

Ion Ratio Lower Upper

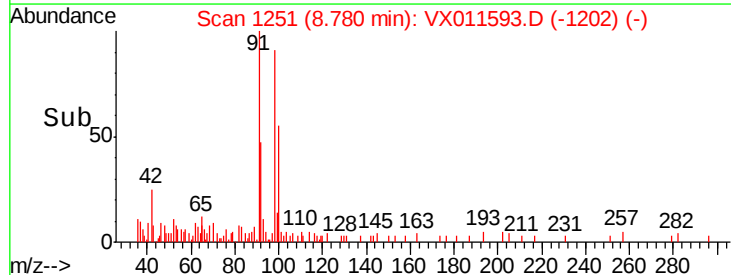
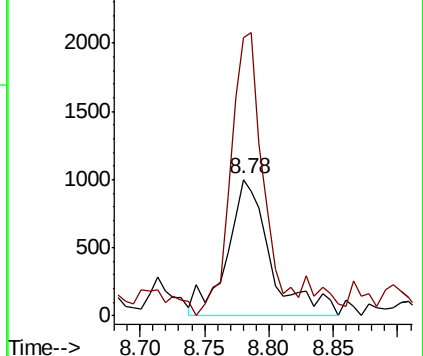
92 100

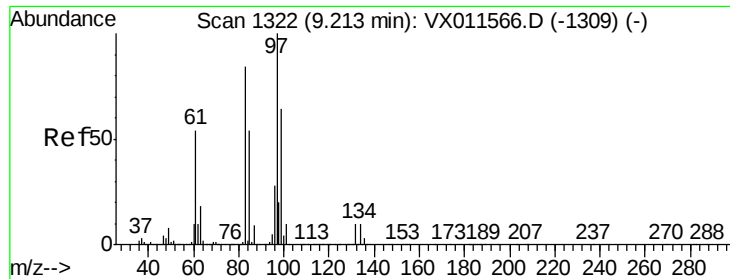
91 156.5 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#55

1,1,2-Trichloroethane

Concen: 2.355 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.05 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

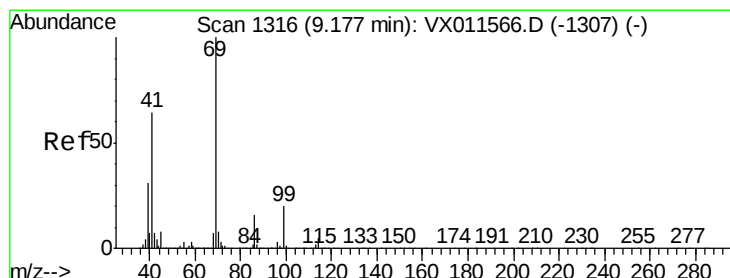
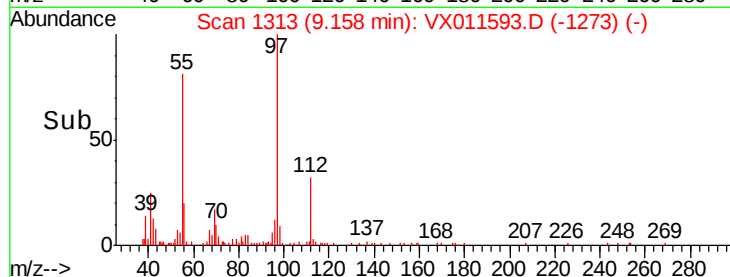
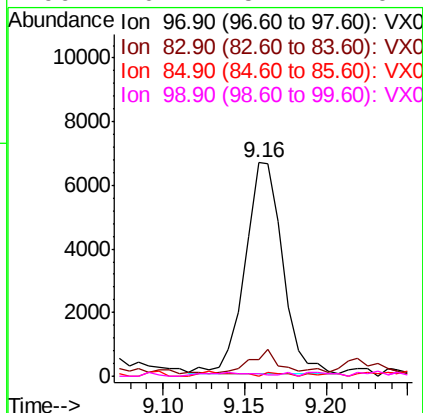
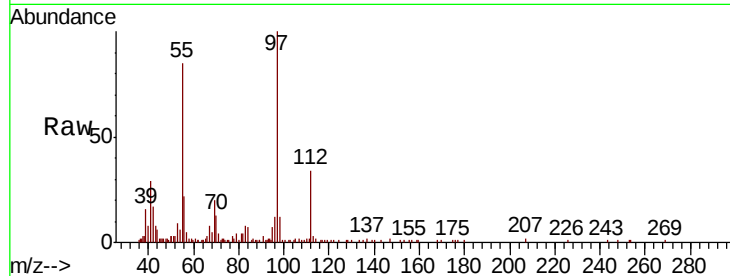
Instrument :

MSVOA\_X

ClientSampleId :

PH2-0134RE

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 10547  |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 6.2   | 67.4  | 101.0# |
| 85       | 0.0   | 43.4  | 65.2#  |
| 99       | 0.1   | 51.1  | 76.7#  |



#56

Ethyl methacrylate

Concen: 0.412 ug/l

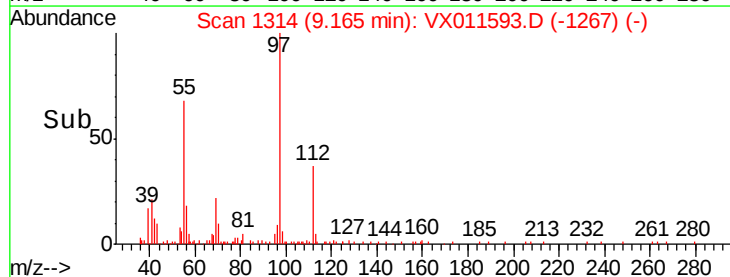
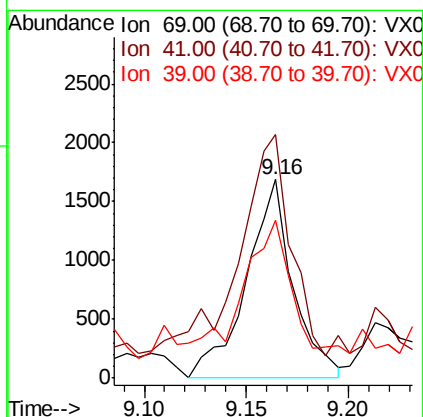
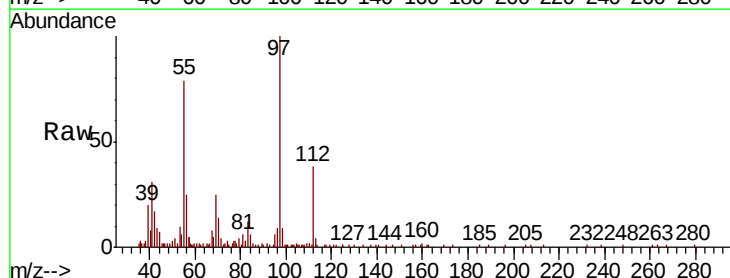
RT: 9.16 min Scan# 1314

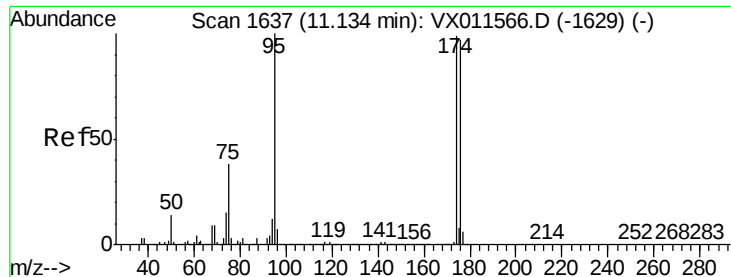
Delta R.T. -0.01 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 2684  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 125.1 | 52.1  | 78.1# |
| 39       | 69.0  | 25.4  | 38.0# |





#62

4-Bromofluorobenzene

Concen: 47.170 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0134RE

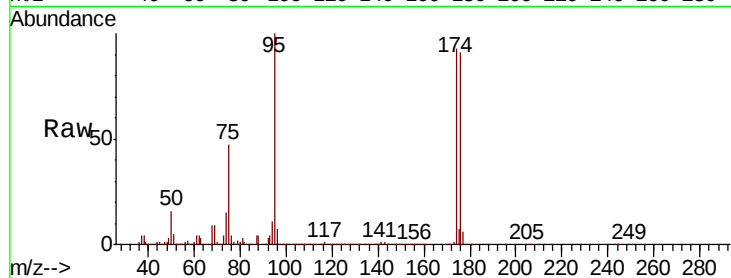
Tgt Ion: 95 Resp: 252501

Ion Ratio Lower Upper

95 100

174 97.0 0.0 200.6

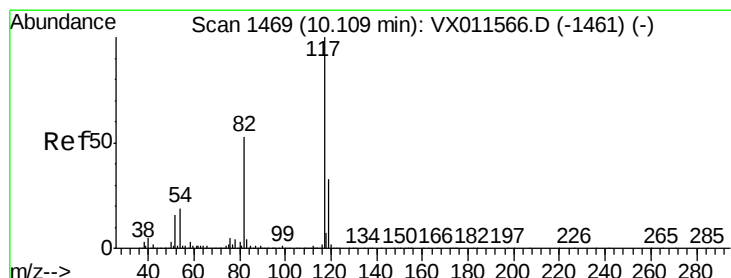
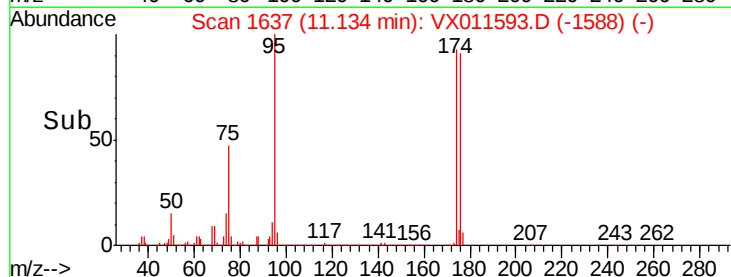
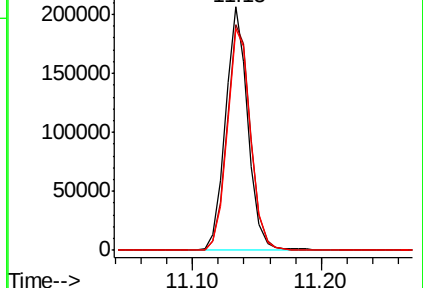
176 95.0 0.0 196.6



Abundance Ion 94.90 (94.60 to 95.60): VX011566.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX011566.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX011566.D (-1629) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

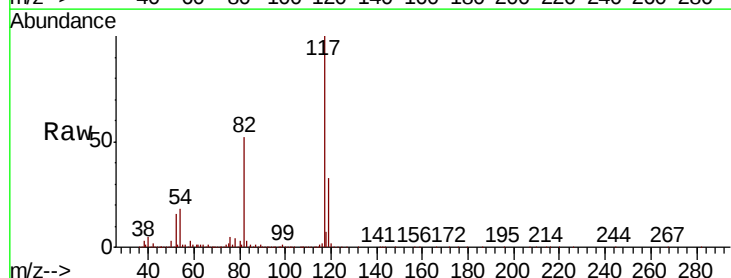
Tgt Ion: 117 Resp: 551638

Ion Ratio Lower Upper

117 100

82 52.1 42.0 63.0

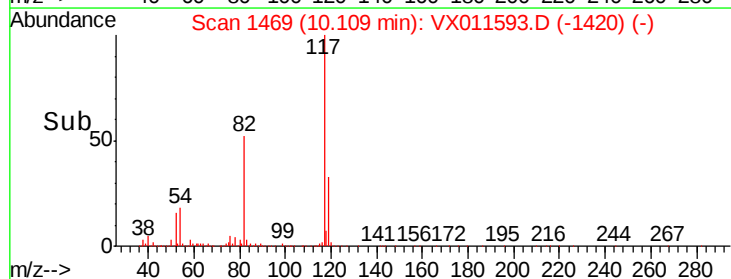
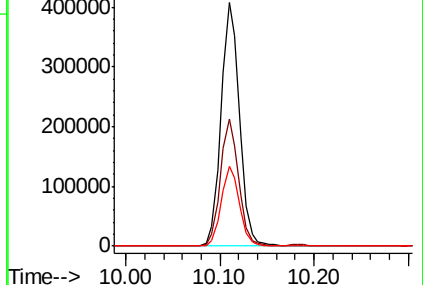
119 32.7 26.5 39.7

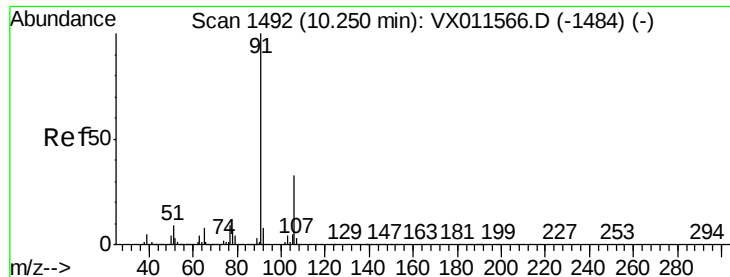


Abundance Ion 116.90 (116.60 to 117.60): VX011566.D (-1461) (-)

Ion 82.00 (81.70 to 82.70): VX011566.D (-1461) (-)

Ion 118.90 (118.60 to 119.60): VX011566.D (-1461) (-)





#67

Ethyl Benzene

Concen: 47.989 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

Instrument :

MSVOA\_X

ClientSampleId :

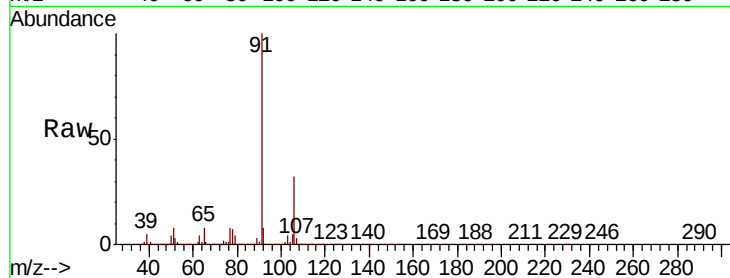
PH2-0134RE

Tgt Ion: 91 Resp: 942331

Ion Ratio Lower Upper

91 100

106 31.6 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

800000

600000

400000

200000

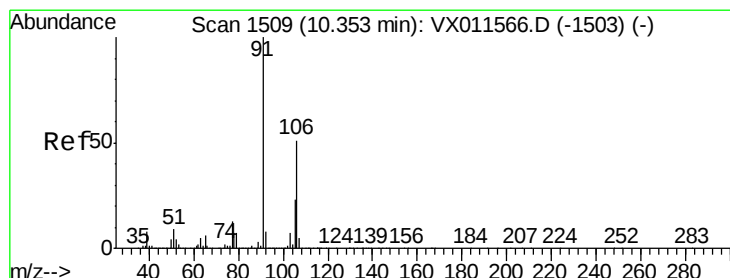
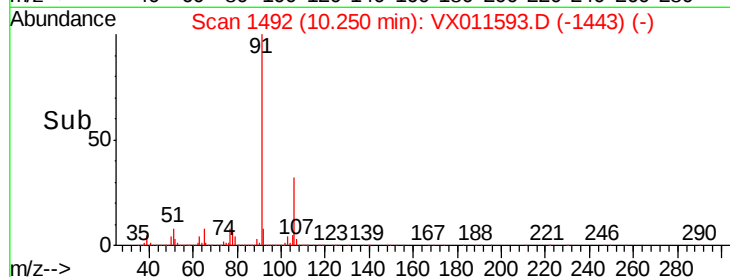
0

10.20

10.25

10.30

Time-->



#68

m/p-Xylenes

Concen: 40.184 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.10 min

Lab File: VX011593.D

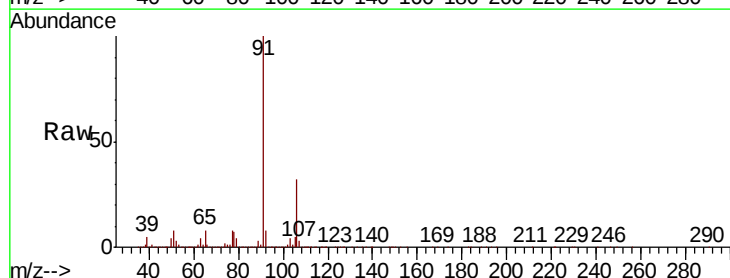
Acq: 16 Aug 2019 19:56

Tgt Ion: 106 Resp: 302885

Ion Ratio Lower Upper

106 100

91 311.1 156.0 234.0#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

400000

200000

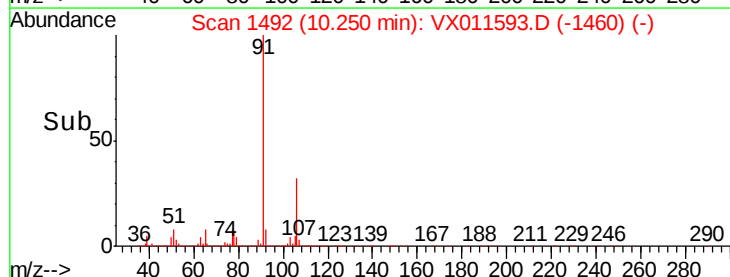
0

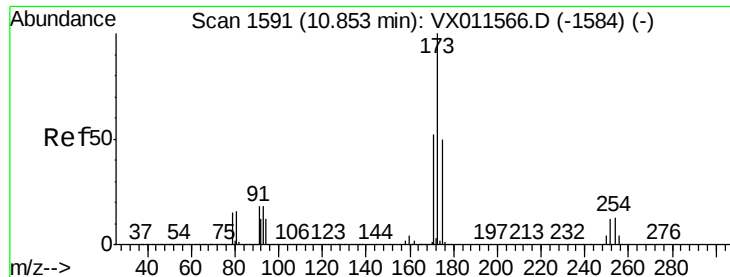
10.20

10.25

10.30

Time-->





#71

Bromoform

Concen: 3.314 ug/l

RT: 10.83 min Scan# 1588

Delta R.T. -0.02 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0134RE

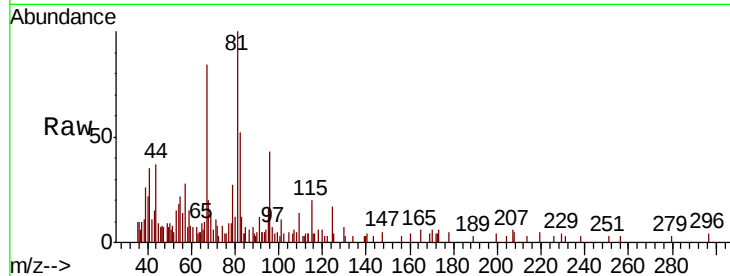
Tgt Ion:173 Resp: 101

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.7#

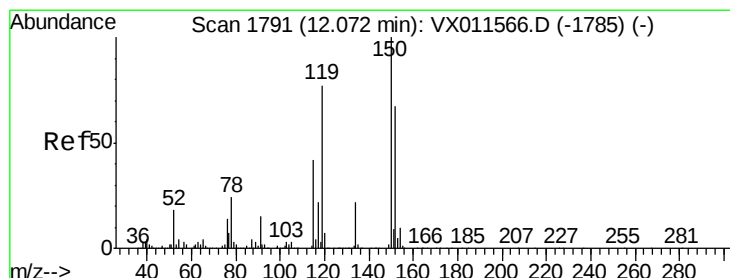
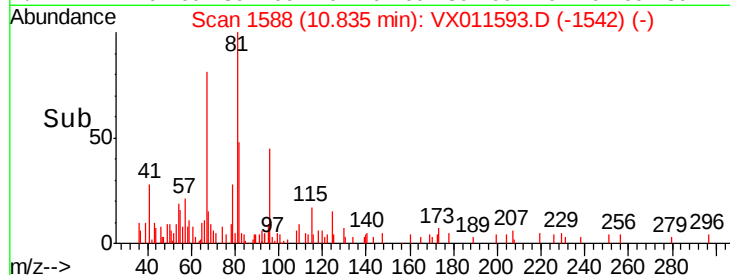
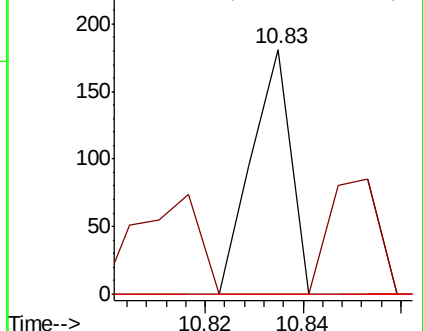
254 0.0 0.1 0.1#



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: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

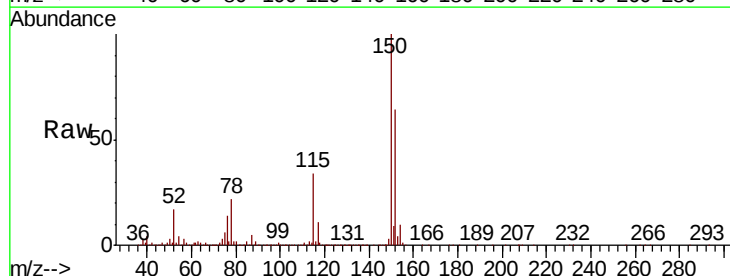
Tgt Ion:152 Resp: 270566

Ion Ratio Lower Upper

152 100

115 53.1 37.3 111.9

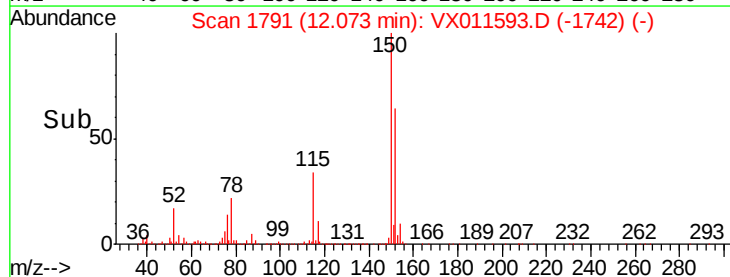
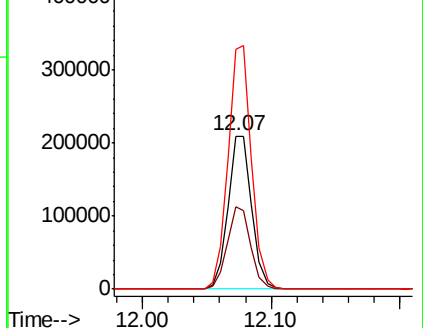
150 157.3 0.0 346.2

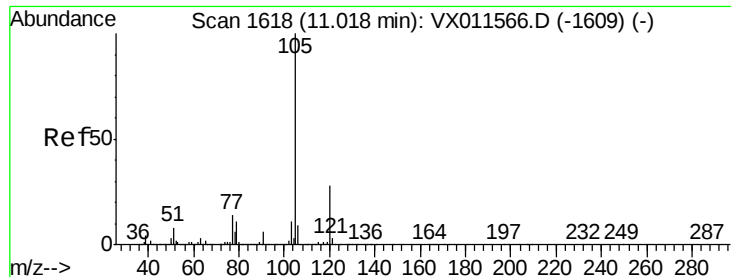


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 11.791 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

Instrument :

MSVOA\_X

ClientSampleId :

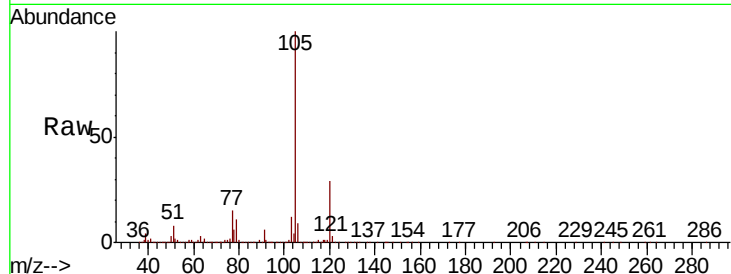
PH2-0134RE

Tgt Ion: 105 Resp: 207016

Ion Ratio Lower Upper

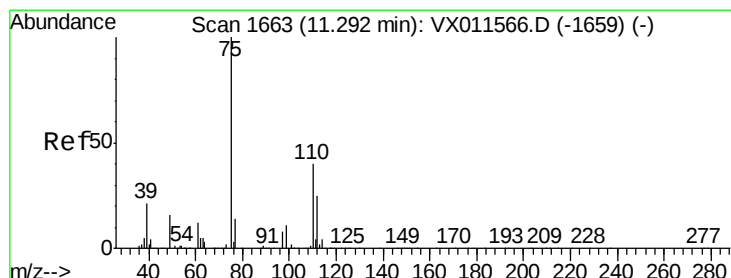
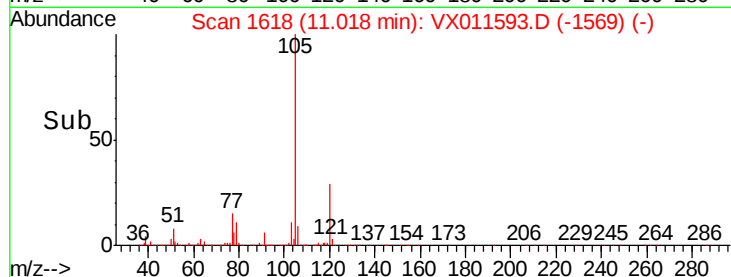
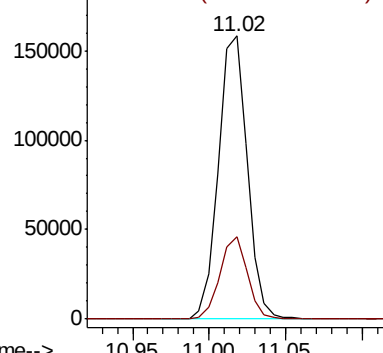
105 100

120 27.9 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 22.634 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011593.D

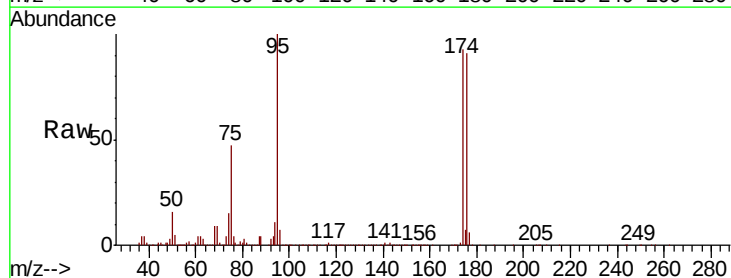
Acq: 16 Aug 2019 19:56

Tgt Ion: 75 Resp: 116123

Ion Ratio Lower Upper

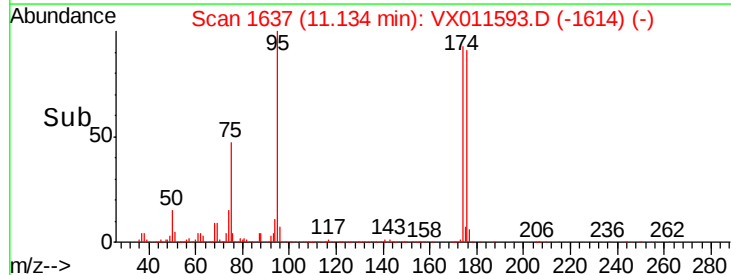
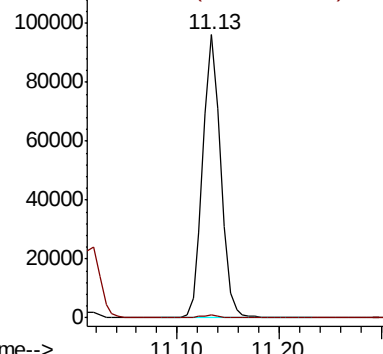
75 100

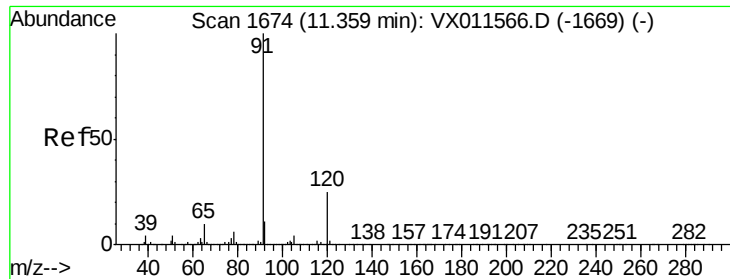
77 1.0 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 6.368 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

Instrument :

MSVOA\_X

ClientSampleId :

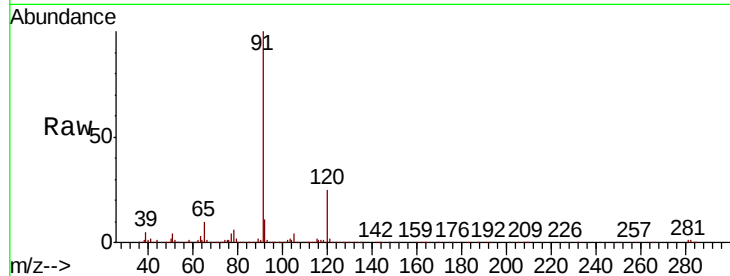
PH2-0134RE

Tgt Ion: 91 Resp: 120558

Ion Ratio Lower Upper

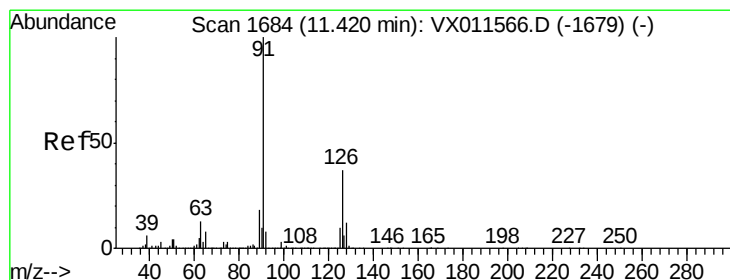
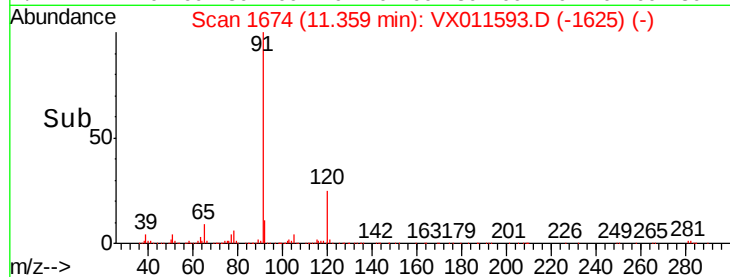
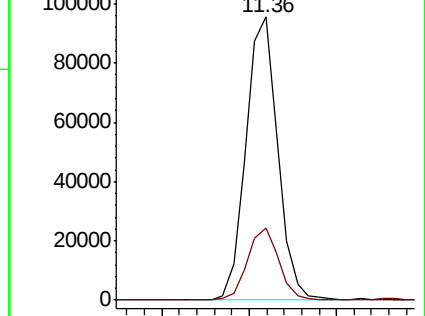
91 100

120 25.1 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 10.371 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX011593.D

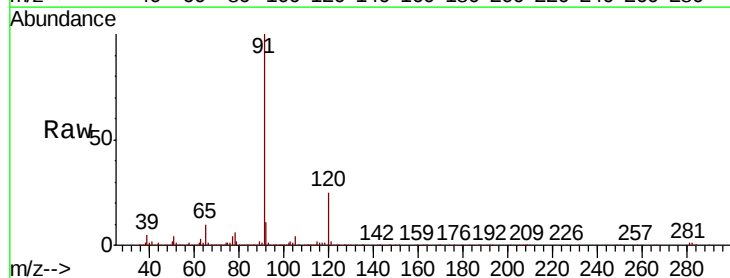
Acq: 16 Aug 2019 19:56

Tgt Ion: 91 Resp: 120558

Ion Ratio Lower Upper

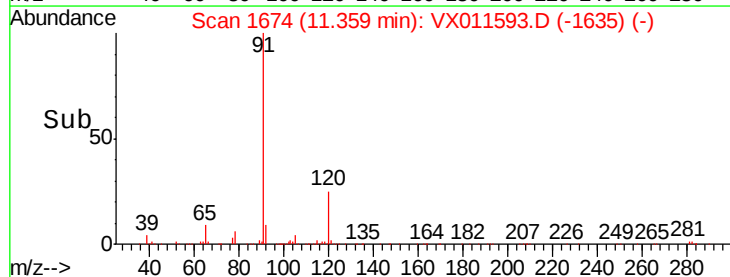
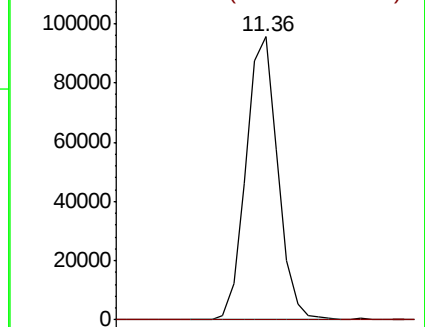
91 100

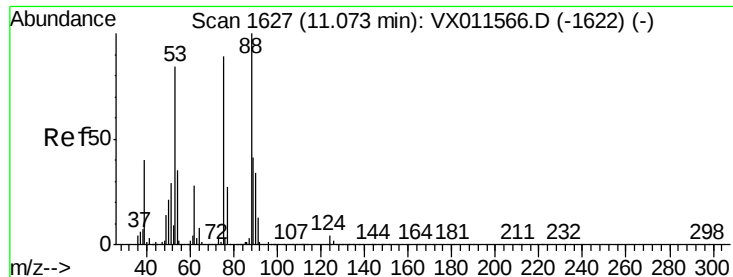
126 0.0 18.4 55.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

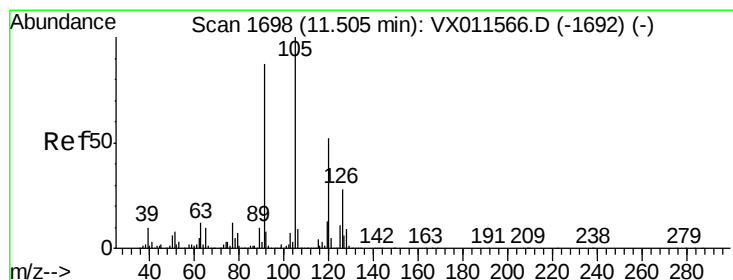
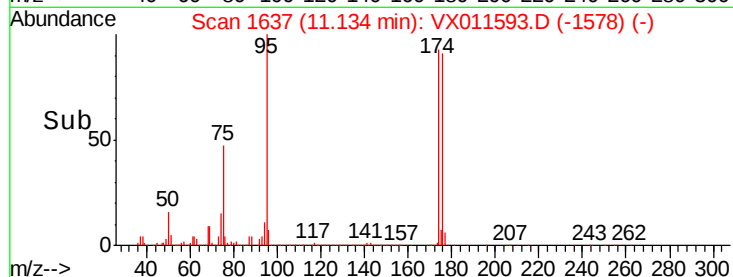
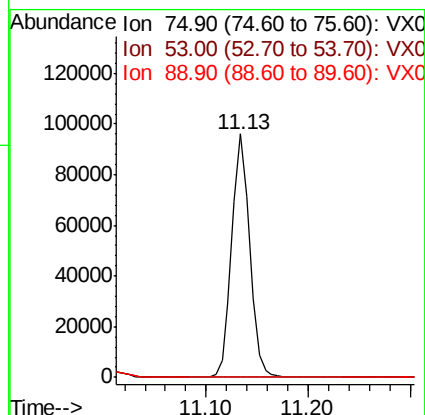
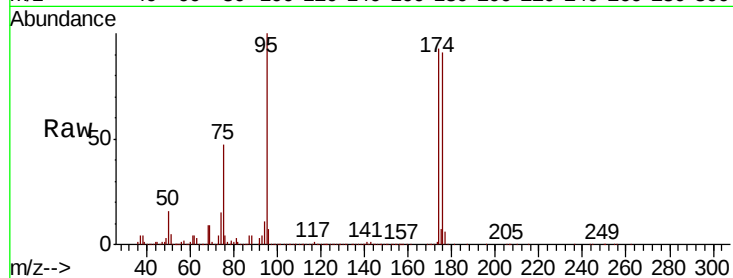




#81  
trans-1,4-Dichloro-2-butene  
Concen: 60.298 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. 0.06 min  
Lab File: VX011593.D  
Acq: 16 Aug 2019 19:56

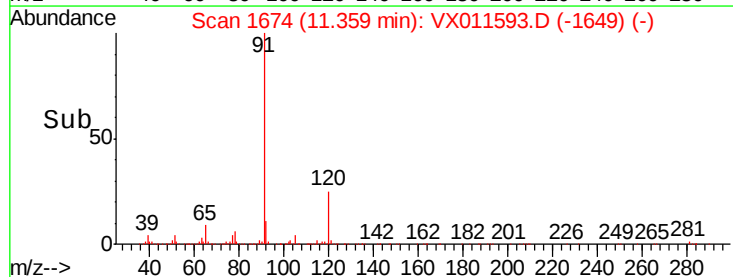
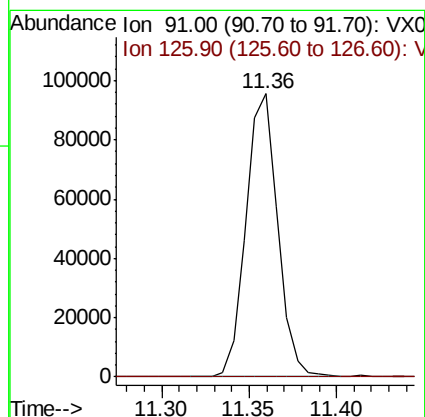
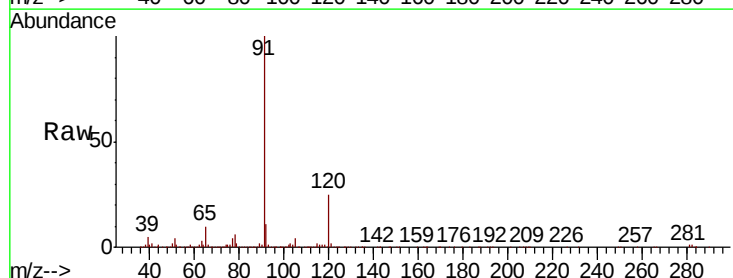
Instrument :  
MSVOA\_X  
ClientSampleId :  
PH2-0134RE

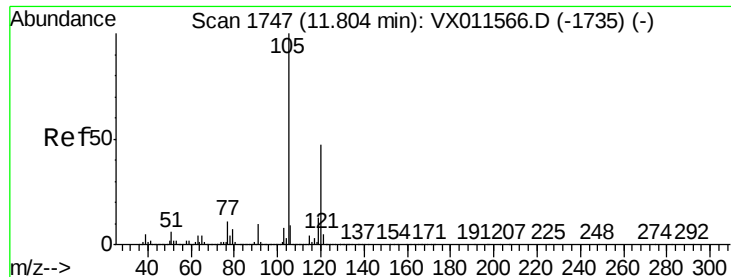
Tgt Ion: 75 Resp: 116123  
Ion Ratio Lower Upper  
75 100  
53 0.2 77.4 116.0#  
89 0.0 37.3 55.9#



#82  
4-Chlorotoluene  
Concen: 8.939 ug/l  
RT: 11.36 min Scan# 1674  
Delta R.T. -0.15 min  
Lab File: VX011593.D  
Acq: 16 Aug 2019 19:56

Tgt Ion: 91 Resp: 120558  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.4 49.1#





#84

1,2,4-Trimethylbenzene

Concen: 0.499 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

Instrument :

MSVOA\_X

ClientSampleId :

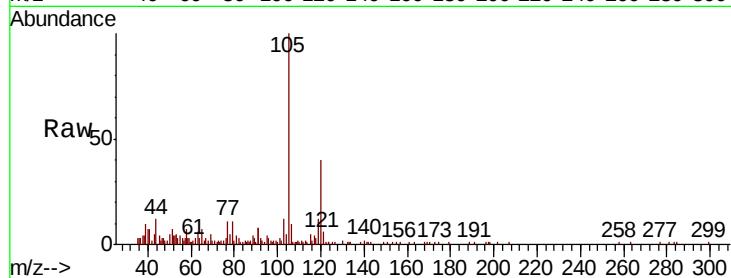
PH2-0134RE

Tgt Ion:105 Resp: 7392

Ion Ratio Lower Upper

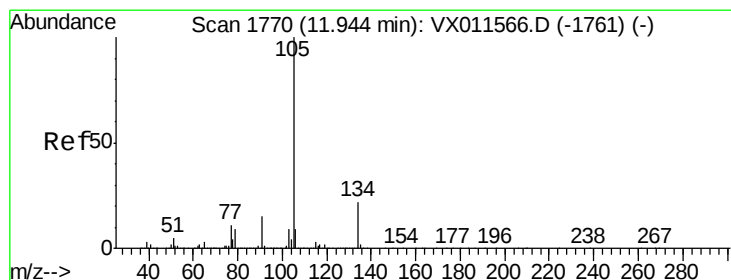
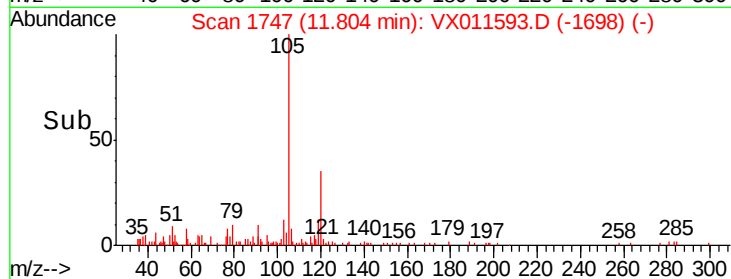
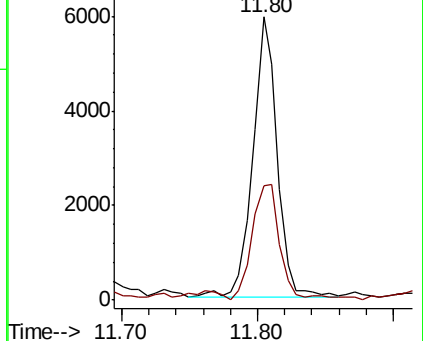
105 100

120 48.9 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.921 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011593.D

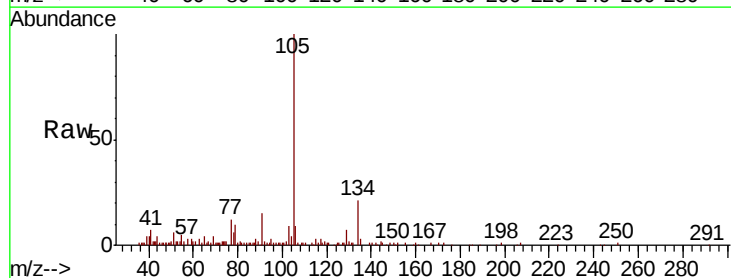
Acq: 16 Aug 2019 19:56

Tgt Ion:105 Resp: 15613

Ion Ratio Lower Upper

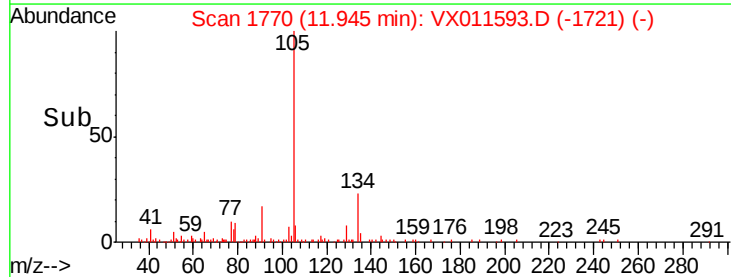
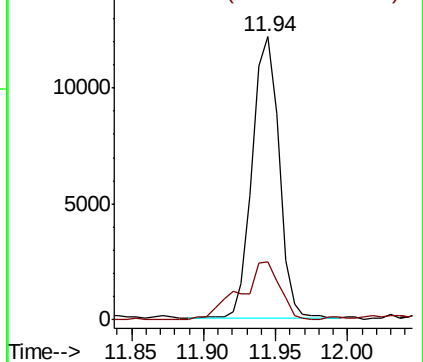
105 100

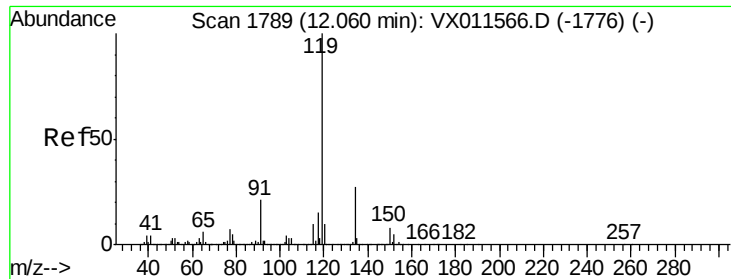
134 30.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

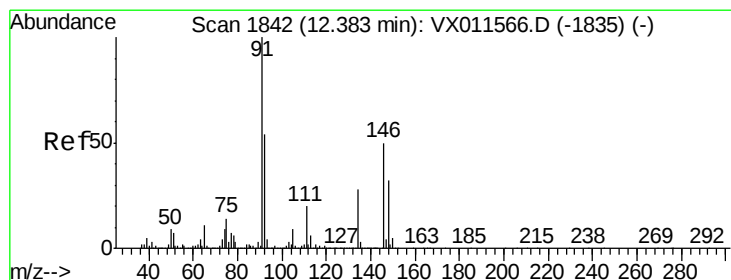
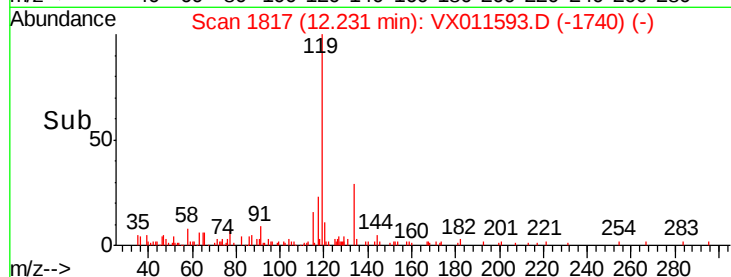
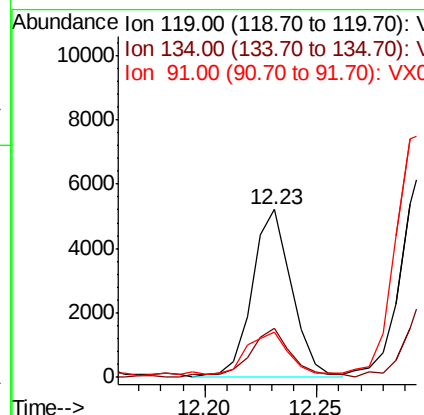
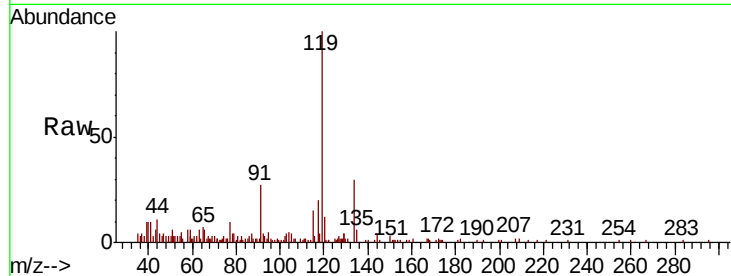




#86  
p-Isopropyltoluene  
Concen: 0.409 ug/l  
RT: 12.23 min Scan# 1817  
Delta R.T. 0.17 min  
Lab File: VX011593.D  
Acq: 16 Aug 2019 19:56

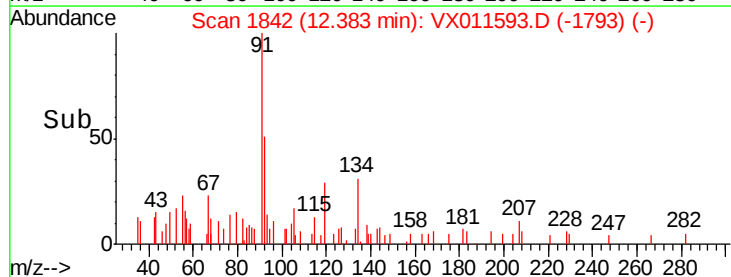
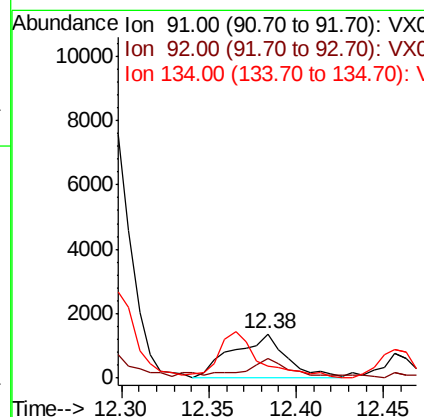
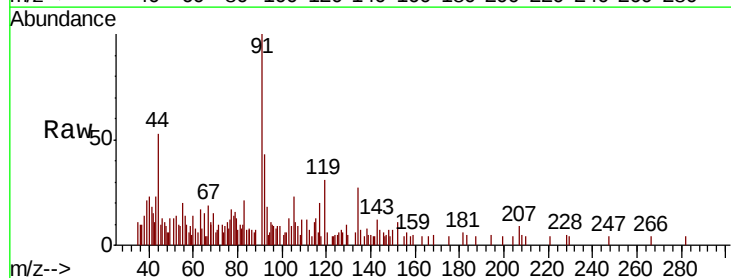
Instrument :  
MSVOA\_X  
ClientSampleId :  
PH2-0134RE

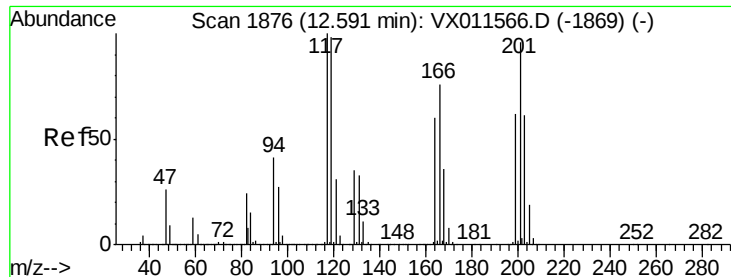
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 31.2  | 13.6  | 40.8  |
| 91      | 26.6  | 10.9  | 32.9  |



#89  
n-Butylbenzene  
Concen: 0.226 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. 0.00 min  
Lab File: VX011593.D  
Acq: 16 Aug 2019 19:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 26.1  | 26.8  | 80.3# |
| 134     | 80.5  | 14.6  | 44.0# |





#90

Hexachloroethane

Concen: 3.171 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.11 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0134RE

Tgt Ion:117 Resp: 7984

Ion Ratio Lower Upper

117 100

201 0.3 51.9 155.7#

