

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020320\  
 Data File : VY001478.D  
 Acq On : 03 Feb 2020 17:13  
 Operator : SY/MD  
 Sample : L1383-09  
 Misc : 4.42G/5ML/MSVOA Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Feb 04 04:21:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 23 01:21:47 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.81  | 168  | 155230   | 50.00 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 277921   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 230128   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152  | 85269    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.16  | 65   | 83445    | 49.40 | ug/l    | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 98.80%  |          |
| 35) Dibromofluoromethane    | 7.74  | 113  | 81631    | 50.04 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.08% |          |
| 50) Toluene-d8              | 10.19 | 98   | 320631   | 50.59 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.18% |          |
| 62) 4-Bromofluorobenzene    | 12.49 | 95   | 106552   | 42.22 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 84.44%  |          |

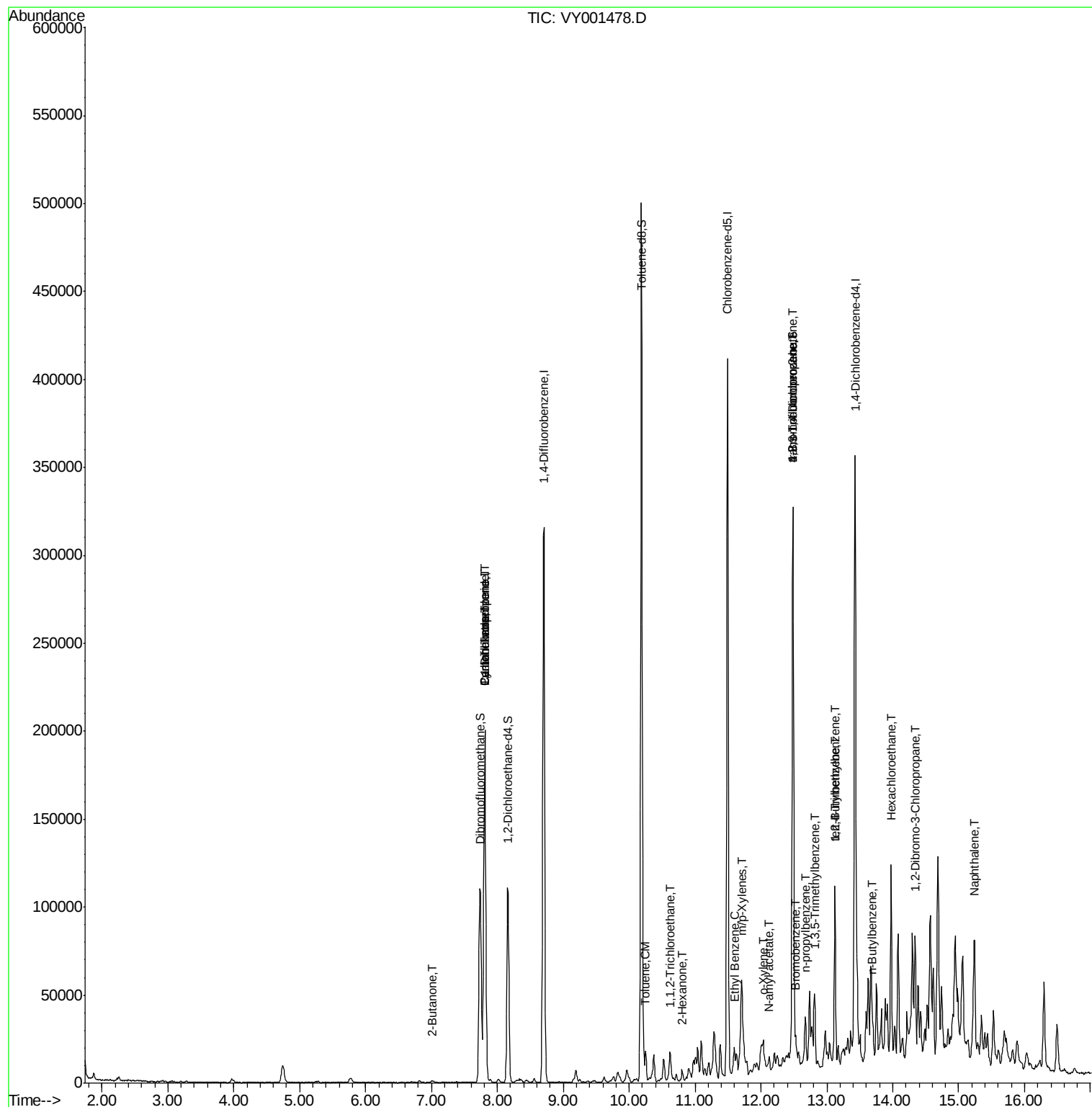
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 11) Tert butyl alcohol         | 4.98  | 59   | 59       | Below Cal | #      | 74     |
| 20) Methylene Chloride         | 4.74  | 84   | 7300     | Below Cal | #      | 86     |
| 25) 2-Butanone                 | 7.01  | 43   | 1158     | 1.575     | ug/l # | 70     |
| 31) Cyclohexane                | 7.81  | 56   | 3653     | 1.118     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.81  | 75   | 11891    | 4.529     | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 7.80  | 117  | 15764    | 6.737     | ug/l # | 16     |
| 52) Toluene                    | 10.25 | 92   | 7142     | 1.431     | ug/l   | 95     |
| 55) 1,1,2-Trichloroethane      | 10.62 | 97   | 6444     | 4.086     | ug/l # | 22     |
| 59) 2-Hexanone                 | 10.80 | 43   | 2715     | 2.428     | ug/l # | 25     |
| 67) Ethyl Benzene              | 11.60 | 91   | 9502     | 1.063     | ug/l   | 96     |
| 68) m/p-Xylenes                | 11.70 | 106  | 12610    | 3.777     | ug/l   | 97     |
| 69) o-Xylene                   | 12.03 | 106  | 3578     | 1.114     | ug/l   | 84     |
| 74) N-amyl acetate             | 12.13 | 43   | 3272     | 1.486     | ug/l # | 54     |
| 76) 1,2,3-Trichloropropane     | 12.49 | 75   | 50781    | 49.422    | ug/l # | 100    |
| 77) Bromobenzene               | 12.53 | 156  | 10373    | 6.960     | ug/l # | 1      |
| 78) n-propylbenzene            | 12.67 | 91   | 20177    | 2.491     | ug/l   | 98     |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 14862    | 2.646     | ug/l   | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.49 | 75   | 50781    | 93.526    | ug/l # | 15     |
| 83) tert-Butylbenzene          | 13.12 | 119  | 7207     | 1.522     | ug/l # | 72     |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 55946    | 9.922     | ug/l   | 99     |
| 89) n-Butylbenzene             | 13.70 | 91   | 13927    | 2.335     | ug/l # | 71     |
| 90) Hexachloroethane           | 13.97 | 117  | 4684     | 4.169     | ug/l # | 15     |
| 92) 1,2-Dibromo-3-Chloropropan | 14.34 | 75   | 350      | 1.408     | ug/l # | 15     |
| 95) Naphthalene                | 15.24 | 128  | 47848    | 11.779    | ug/l   | 94     |

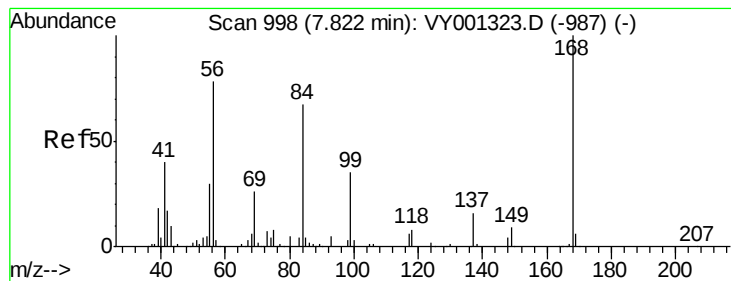
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020320\  
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Quant Title : SW846 8260  
QLast Update : Thu Jan 23 01:21:47 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001478.D

Acq: 03 Feb 2020 17:13

Instrument :

MSVOA\_Y

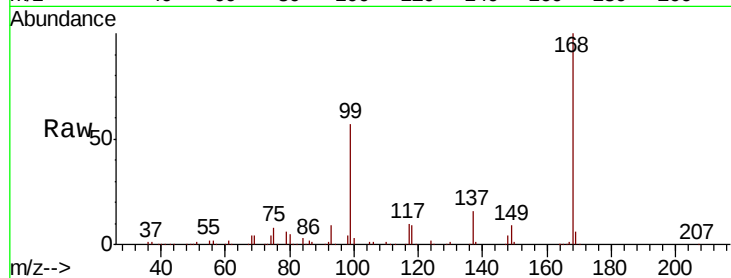
ClientSampled :

Tot Ion:168 Resp: 155230

Ion Ratio Lower Upper

168 100

99 57.5 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.81

60000

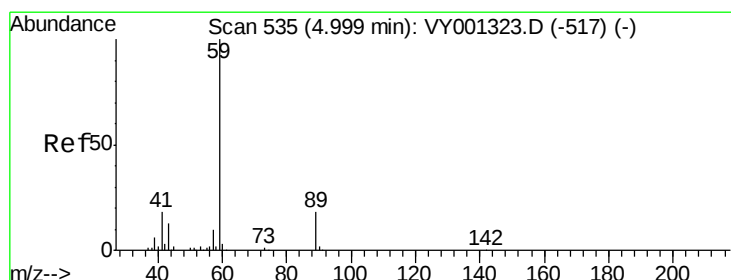
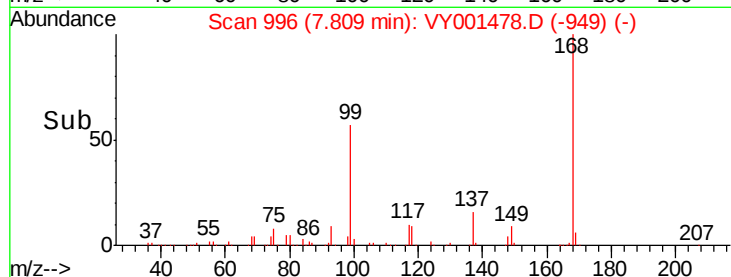
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.98 min Scan# 532

Delta R.T. -0.02 min

Lab File: VY001478.D

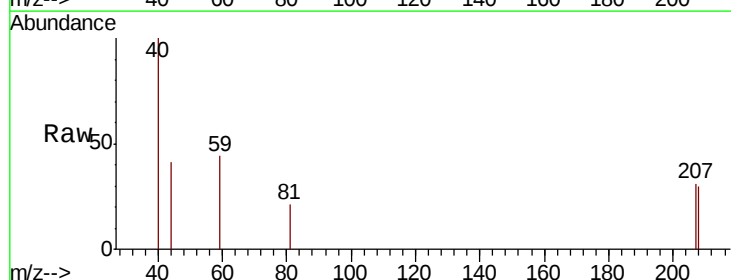
Acq: 03 Feb 2020 17:13

Tgt Ion: 59 Resp: 59

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001323.D (-517) (-)

Ion 57.00 (56.70 to 57.70): VY001323.D (-517) (-)

4.98

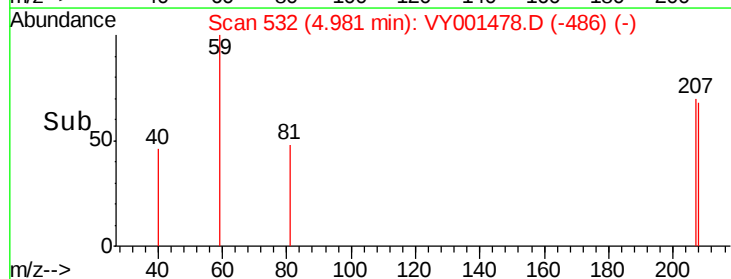
100

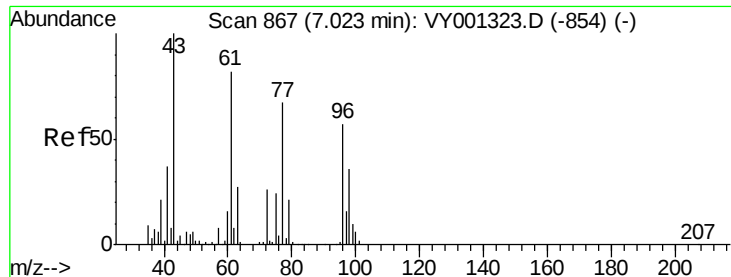
50

0

4.97 4.98 4.99 5.00

Time-->

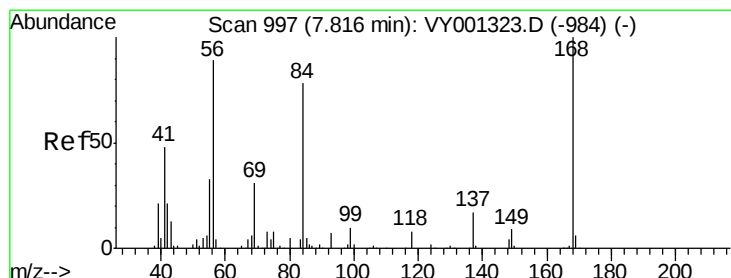
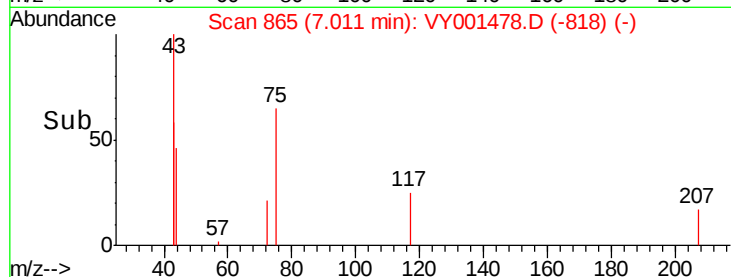
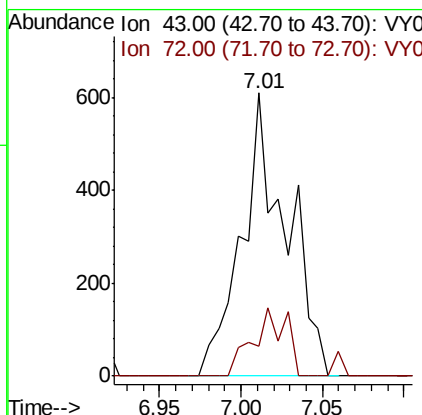
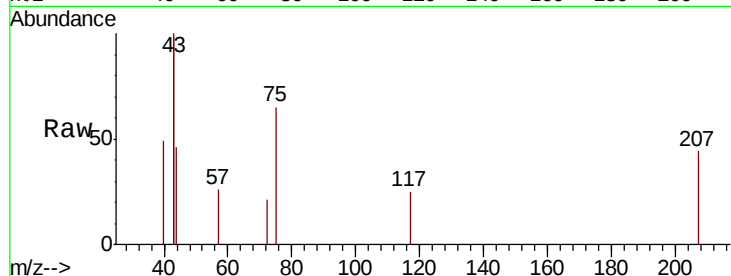




#25  
2-Butanone  
Concen: 1.575 ug/l  
RT: 7.01 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: VY001478.D  
Acq: 03 Feb 2020 17:13

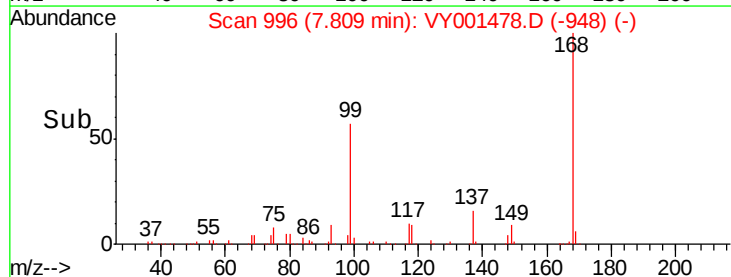
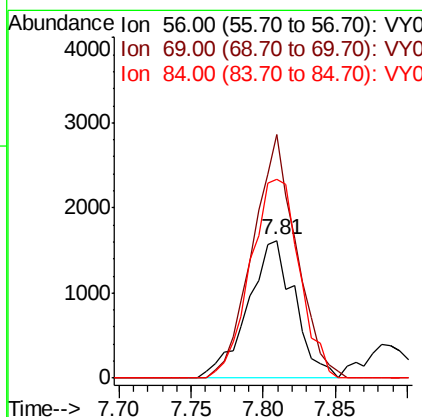
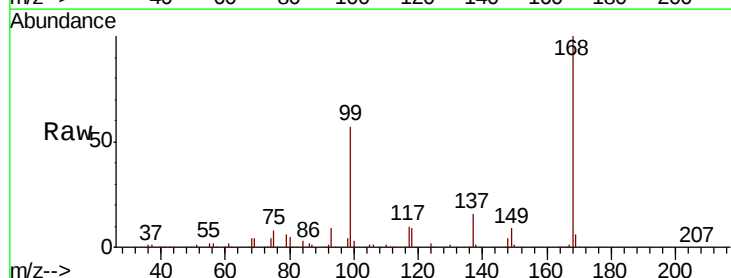
Instrument :  
MSVOA\_Y  
ClientSampleId :

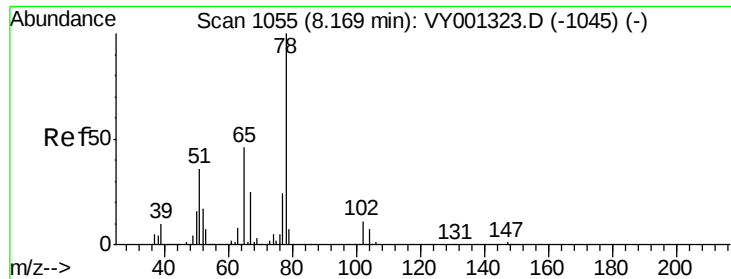
Tot Ion: 43 Resp: 1158  
Ion Ratio Lower Upper  
43 100  
72 10.7 20.6 31.0#



#31  
Cyclohexane  
Concen: 1.118 ug/l  
RT: 7.81 min Scan# 996  
Delta R.T. -0.01 min  
Lab File: VY001478.D  
Acq: 03 Feb 2020 17:13

Tgt Ion: 56 Resp: 3653  
Ion Ratio Lower Upper  
56 100  
69 176.9 27.6 41.4#  
84 144.2 69.7 104.5#





#33

1,2-Dichloroethane-d4

Concen: 49.402 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001478.D

Acq: 03 Feb 2020 17:13

Instrument :

MSVOA\_Y

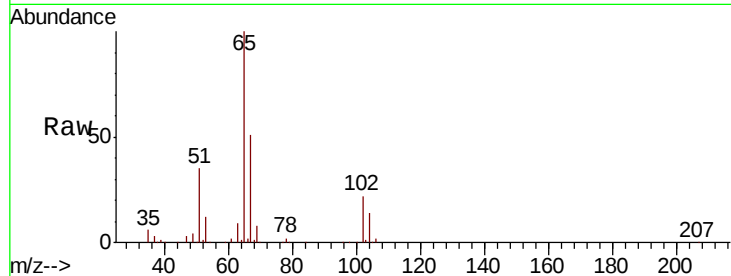
ClientSampleId :

Tot Ion: 65 Resp: 83445

Ion Ratio Lower Upper

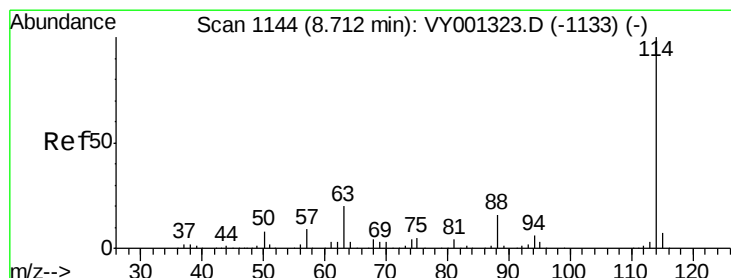
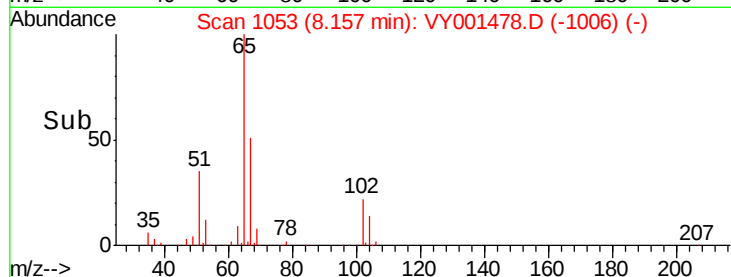
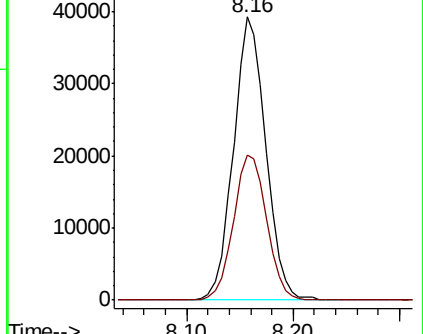
65 100

67 52.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001478.D

Acq: 03 Feb 2020 17:13

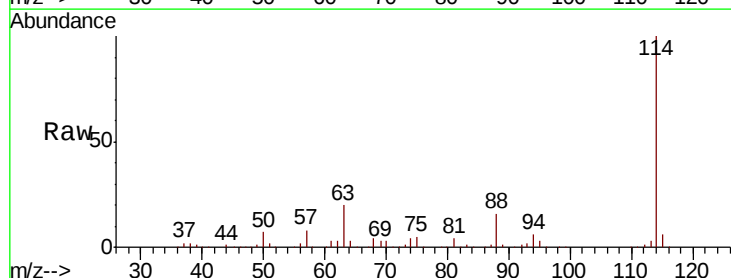
Tgt Ion: 114 Resp: 277921

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

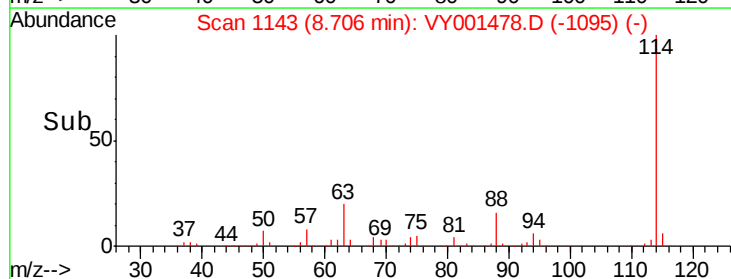
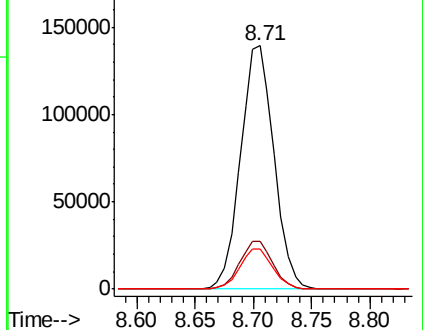
88 16.5 0.0 31.0

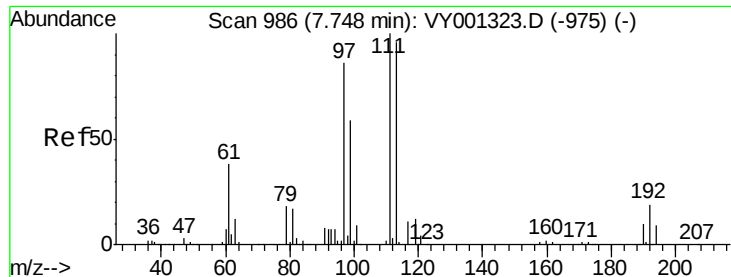


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

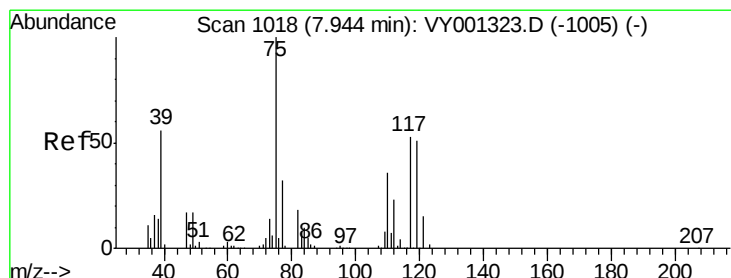
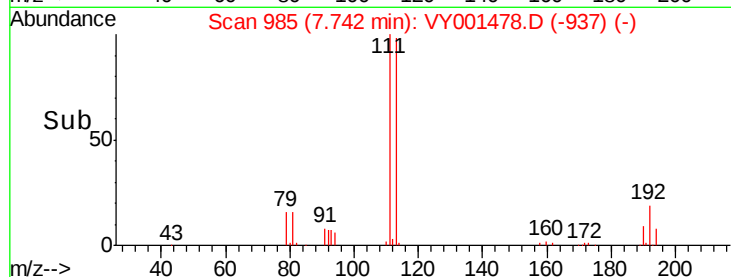
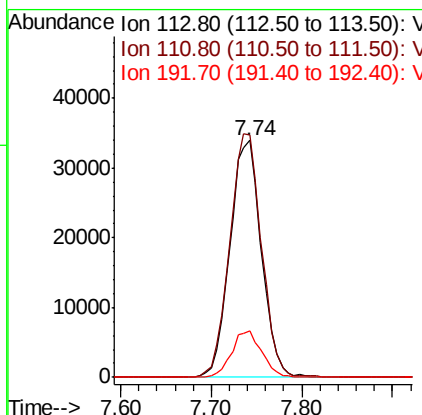
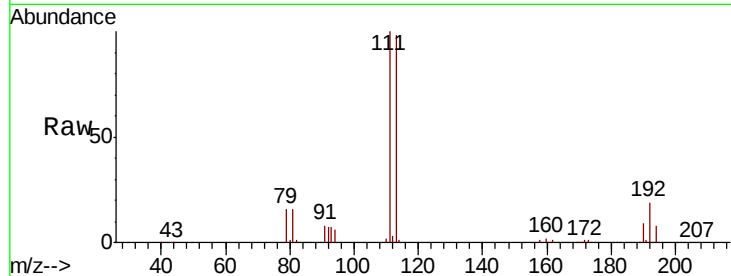




#35  
 Dibromofluoromethane  
 Concen: 50.045 ug/l  
 RT: 7.74 min Scan# 985  
 Delta R.T. -0.01 min  
 Lab File: VY001478.D  
 Acq: 03 Feb 2020 17:13

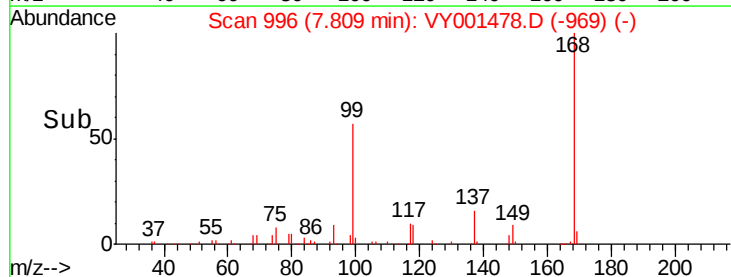
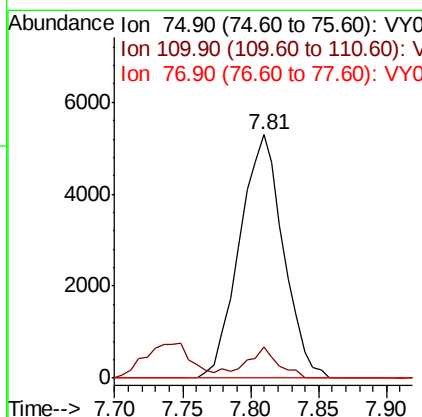
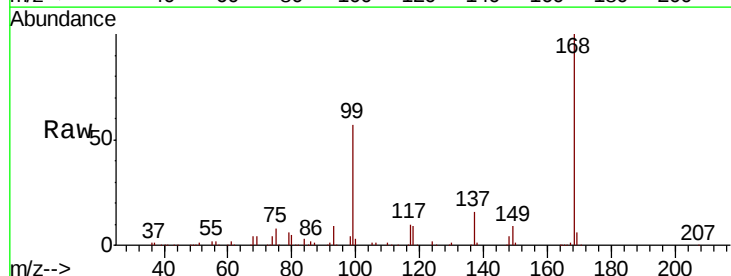
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

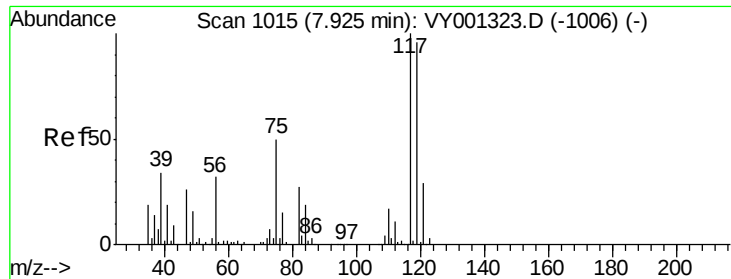
Tot Ion:113 Resp: 81631  
 Ion Ratio Lower Upper  
 113 100  
 111 103.8 82.8 124.2  
 192 18.9 15.5 23.3



#36  
 1,1-Dichloropropene  
 Concen: 4.529 ug/l  
 RT: 7.81 min Scan# 996  
 Delta R.T. -0.13 min  
 Lab File: VY001478.D  
 Acq: 03 Feb 2020 17:13

Tgt Ion: 75 Resp: 11891  
 Ion Ratio Lower Upper  
 75 100  
 110 9.7 17.6 52.8#  
 77 0.0 24.7 37.1#

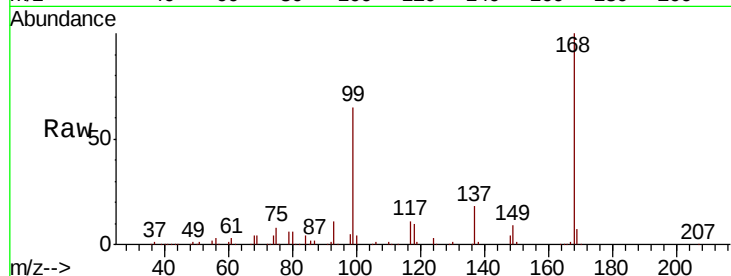




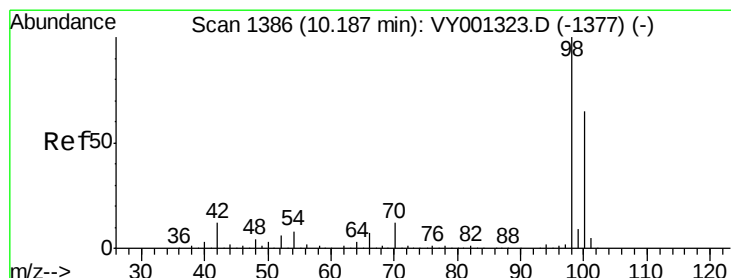
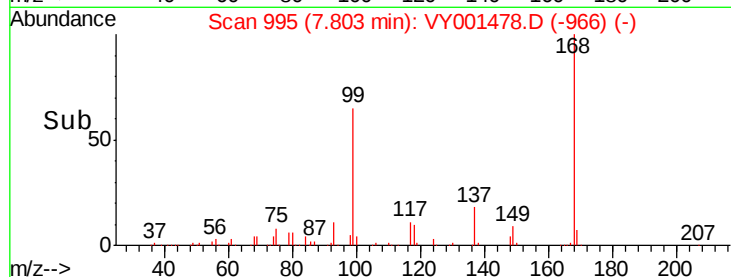
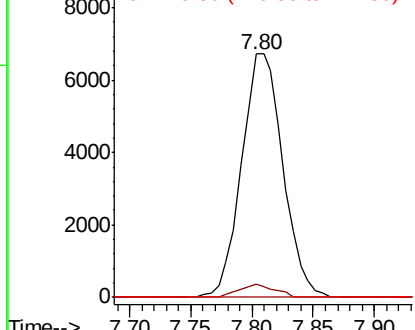
#38  
Carbon Tetrachloride  
Concen: 6.737 ug/l  
RT: 7.80 min Scan# 995  
Delta R.T. -0.12 min  
Lab File: VY001478.D  
Acq: 03 Feb 2020 17:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion:117 Resp: 15764  
Ion Ratio Lower Upper  
117 100  
119 5.3 76.3 114.5#  
121 0.0 23.5 35.3#

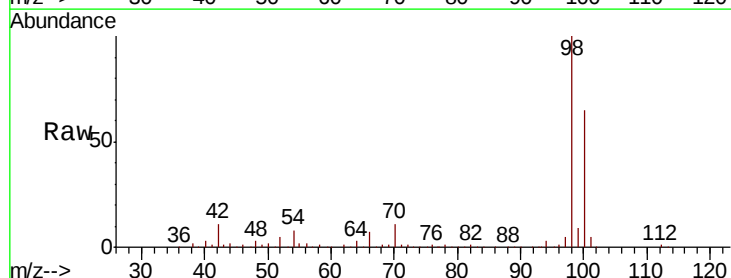


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

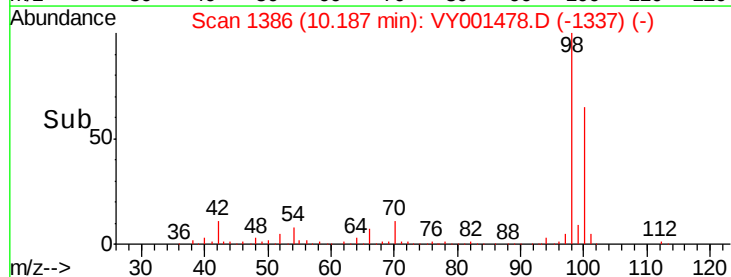
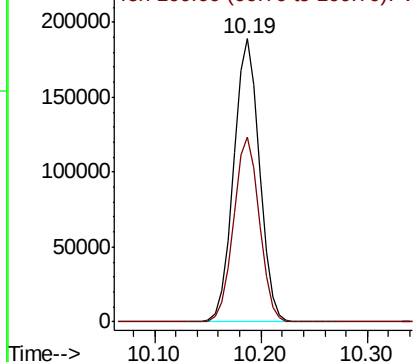


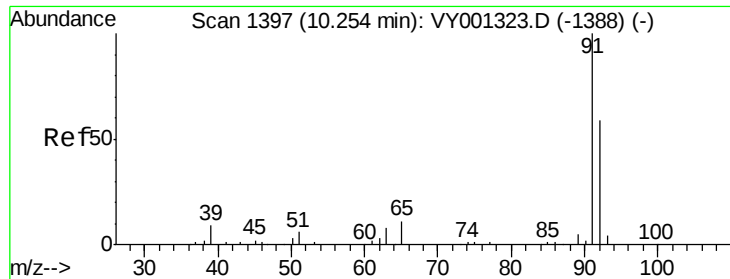
#50  
Toluene-d8  
Concen: 50.594 ug/l  
RT: 10.19 min Scan# 1386  
Delta R.T. -0.00 min  
Lab File: VY001478.D  
Acq: 03 Feb 2020 17:13

Tgt Ion: 98 Resp: 320631  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0  
Ion 100.00 (99.70 to 100.70): VY





#52

Toluene

Concen: 1.431 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001478.D

Acq: 03 Feb 2020 17:13

Instrument :

MSVOA\_Y

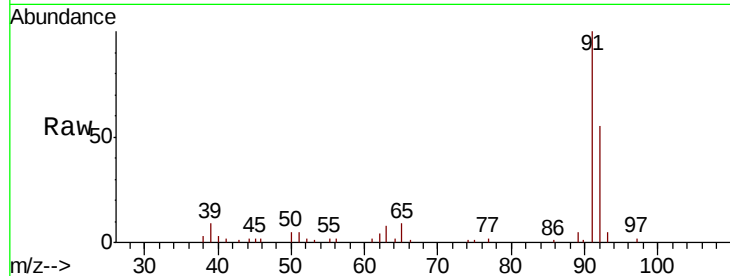
ClientSampled :

Tot Ion: 92 Resp: 7142

Ion Ratio Lower Upper

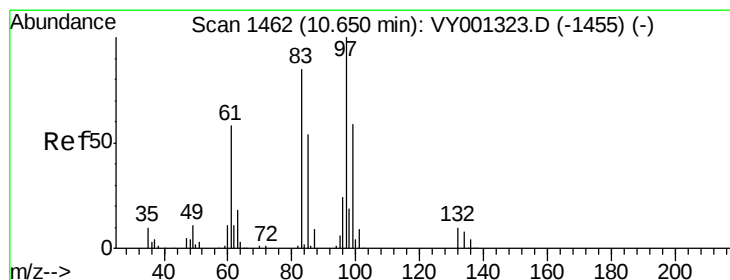
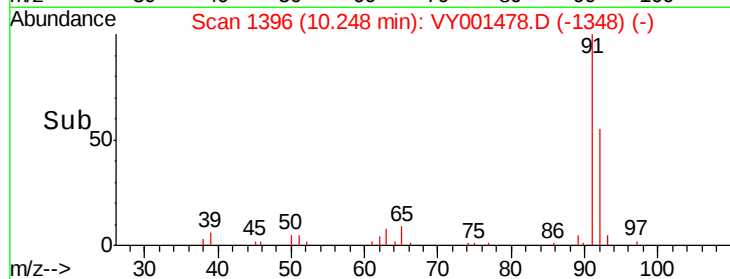
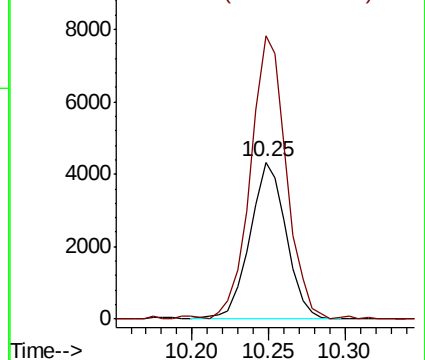
92 100

91 177.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0



#55

1,1,2-Trichloroethane

Concen: 4.086 ug/l

RT: 10.62 min Scan# 1457

Delta R.T. -0.03 min

Lab File: VY001478.D

Acq: 03 Feb 2020 17:13

Tgt Ion: 97 Resp: 6444

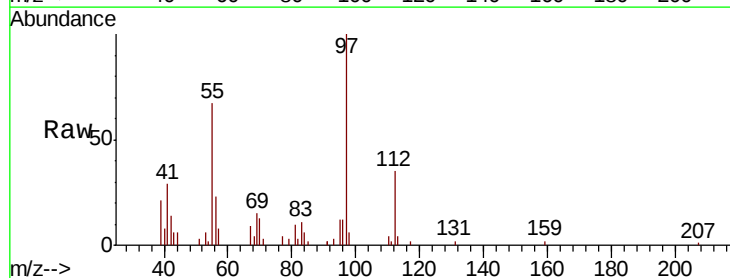
Ion Ratio Lower Upper

97 100

83 10.5 68.0 102.0#

85 1.7 43.6 65.4#

99 0.0 47.1 70.7#

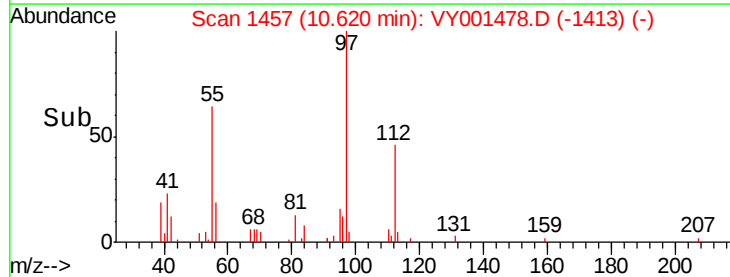
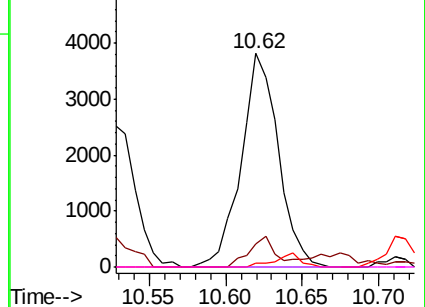


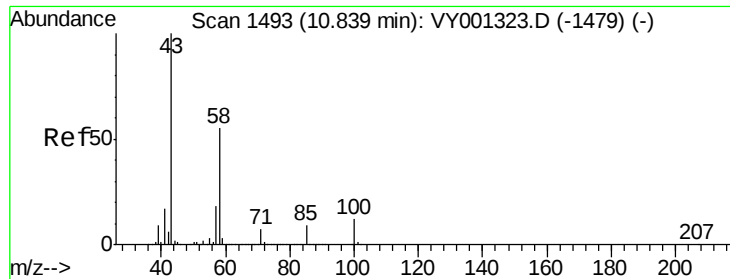
Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0





#59

2-Hexanone

Concen: 2.428 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.04 min

Lab File: VY001478.D

Acq: 03 Feb 2020 17:13

Instrument :

MSVOA\_Y

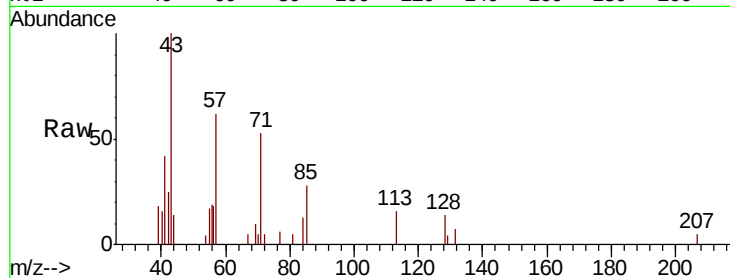
ClientSampleId :

Tot Ion: 43 Resp: 2715

Ion Ratio Lower Upper

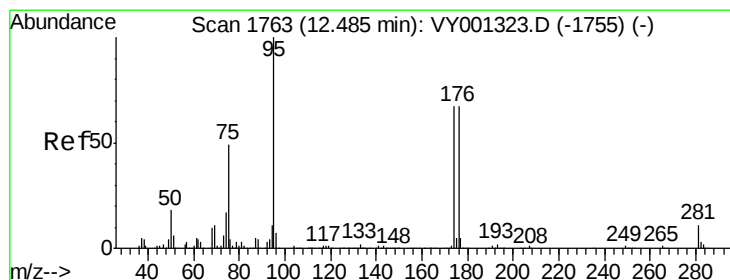
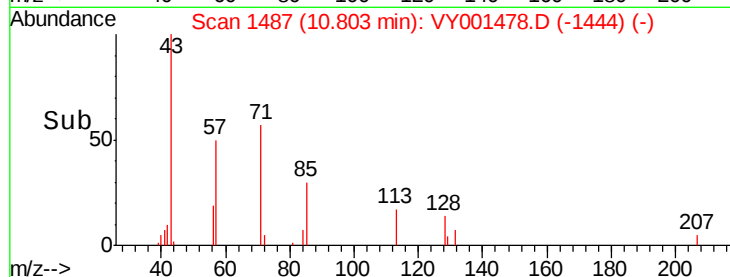
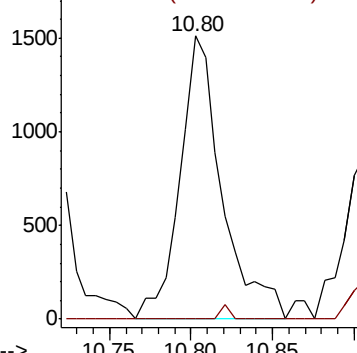
43 100

58 1.0 27.6 82.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 42.220 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001478.D

Acq: 03 Feb 2020 17:13

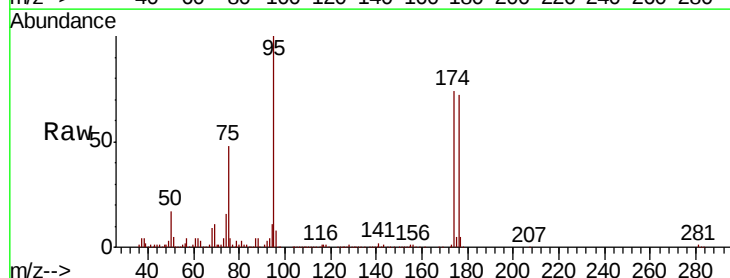
Tgt Ion: 95 Resp: 106552

Ion Ratio Lower Upper

95 100

174 71.1 0.0 142.0

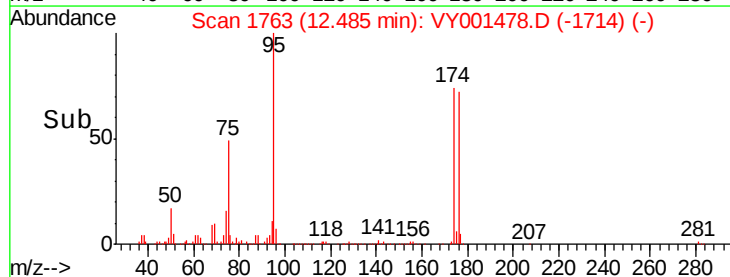
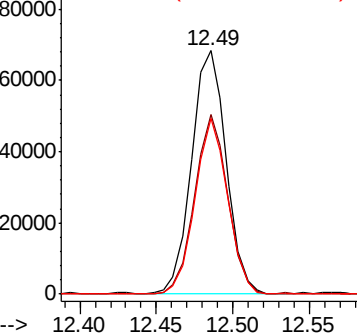
176 68.6 0.0 138.6

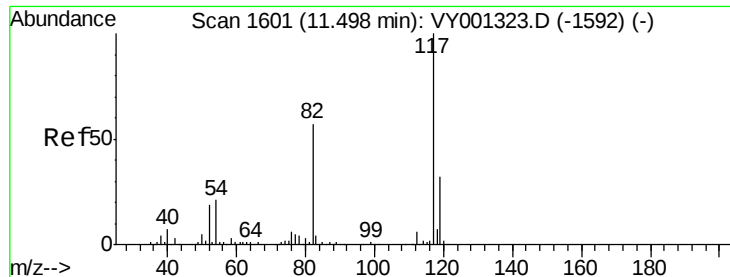


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

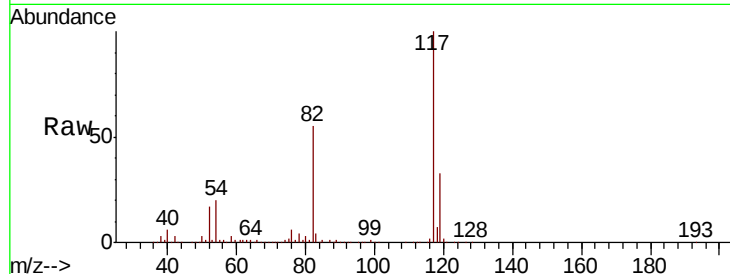




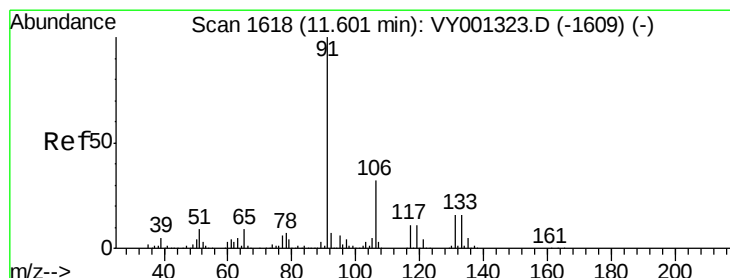
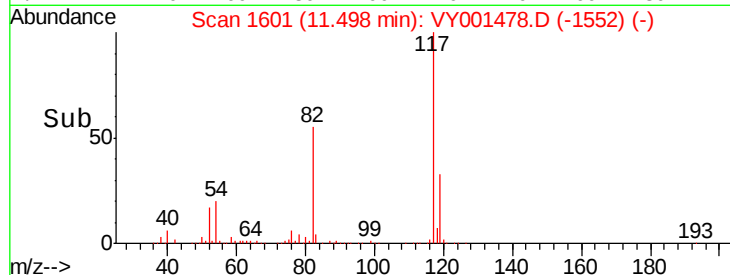
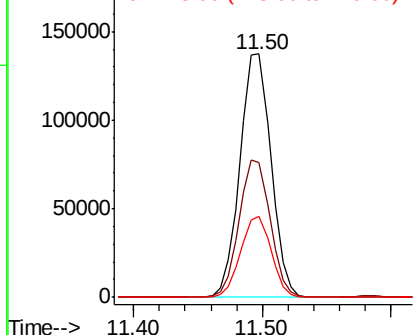
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.50 min Scan# 1601  
Delta R.T. -0.00 min  
Lab File: VY001478.D  
Acq: 03 Feb 2020 17:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.3  | 45.5  | 68.3  |
| 119     | 33.2  | 25.8  | 38.6  |

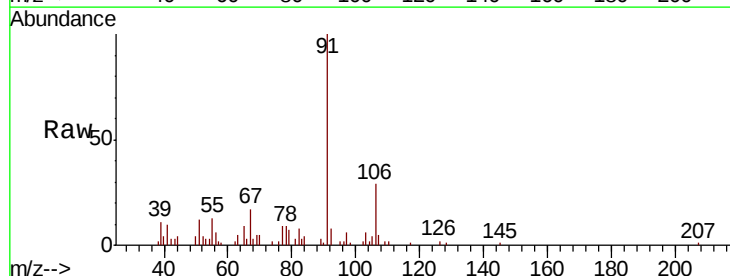


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VY0  
Ion 118.90 (118.60 to 119.60): V

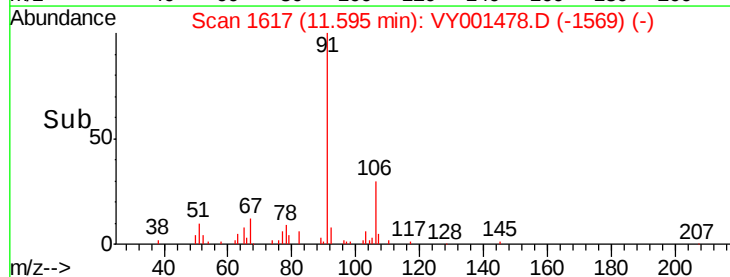
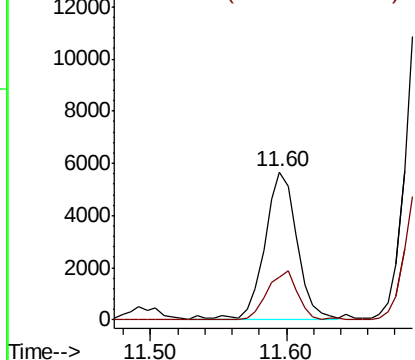


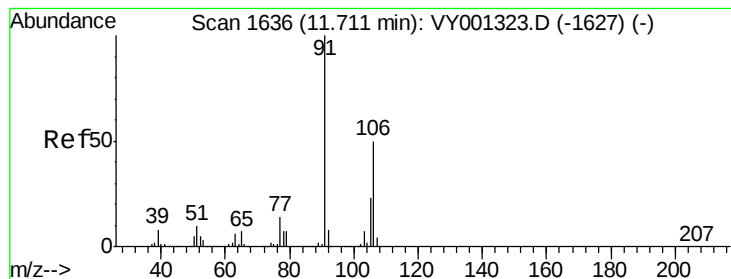
#67  
Ethyl Benzene  
Concen: 1.063 ug/l  
RT: 11.60 min Scan# 1617  
Delta R.T. -0.01 min  
Lab File: VY001478.D  
Acq: 03 Feb 2020 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 29.2  | 25.4  | 38.0  |



Abundance Ion 91.00 (90.70 to 91.70): VY0  
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 3.777 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY001478.D

Acq: 03 Feb 2020 17:13

Instrument :

MSVOA\_Y

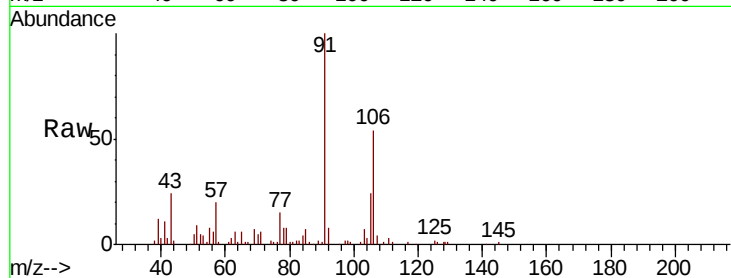
ClientSampleId :

Tot Ion:106 Resp: 12610

Ion Ratio Lower Upper

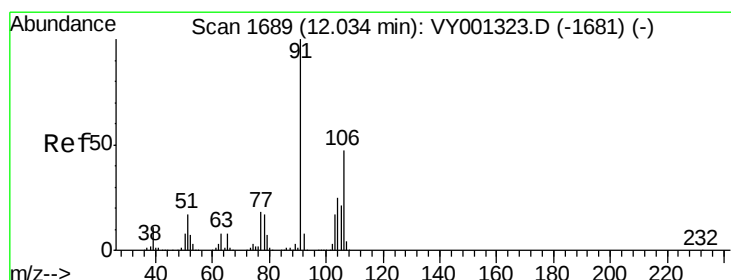
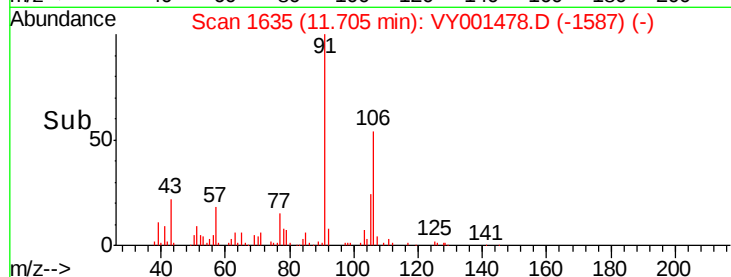
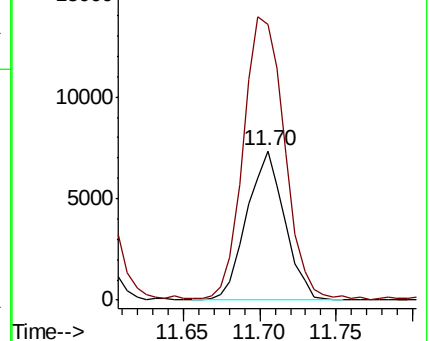
106 100

91 208.1 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#69

o-Xylene

Concen: 1.114 ug/l

RT: 12.03 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VY001478.D

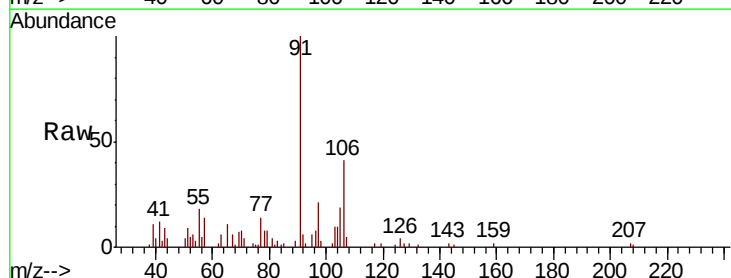
Acq: 03 Feb 2020 17:13

Tgt Ion:106 Resp: 3578

Ion Ratio Lower Upper

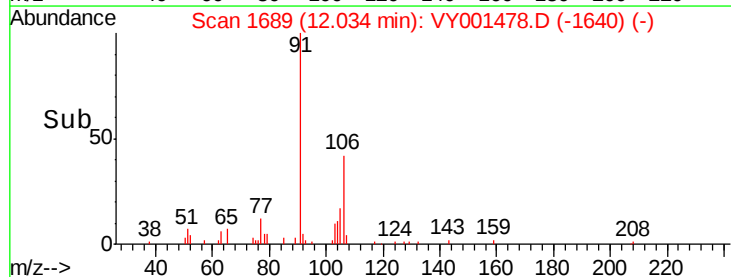
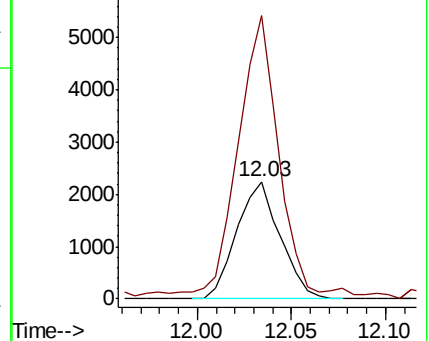
106 100

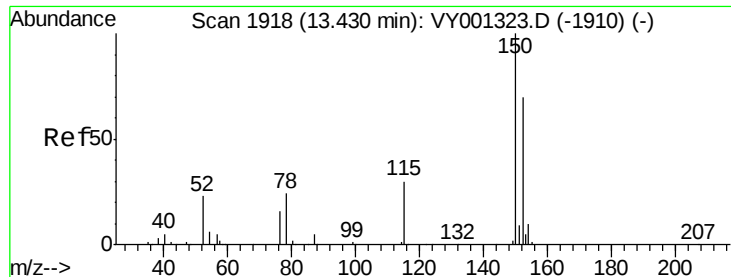
91 238.0 106.3 319.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



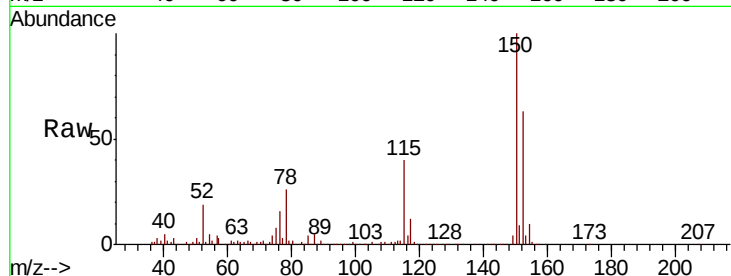


#72

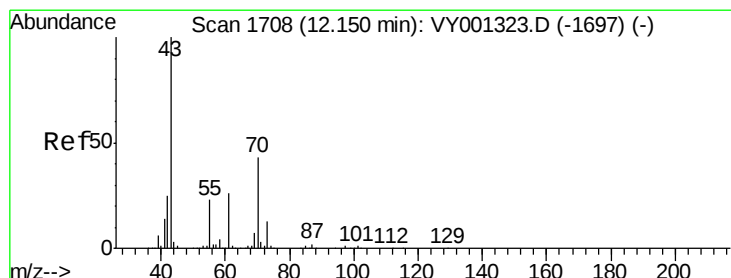
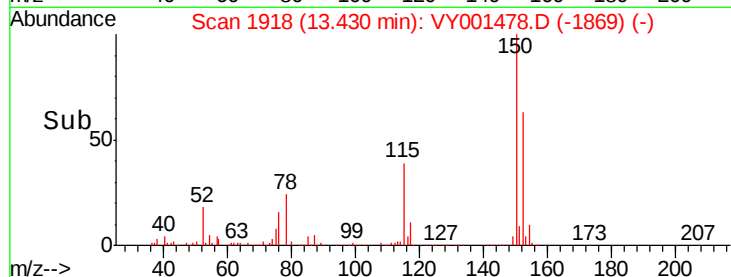
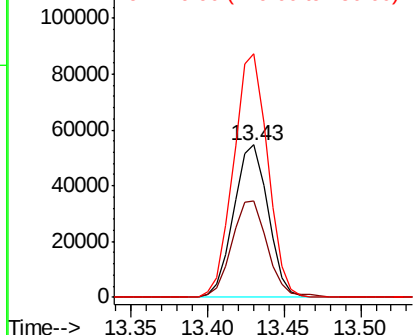
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.43 min Scan# 1918  
Delta R.T. -0.00 min  
Lab File: VY001478.D  
Acq: 03 Feb 2020 17:13

Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion:152 Resp: 85269  
Ion Ratio Lower Upper  
152 100  
115 64.7 30.9 92.8  
150 158.7 0.0 349.2



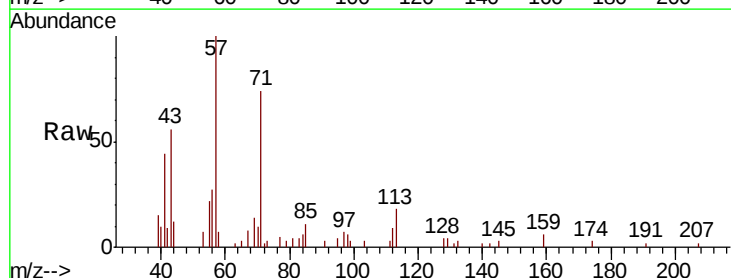
Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



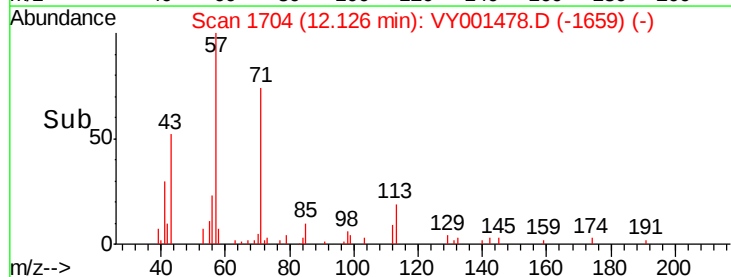
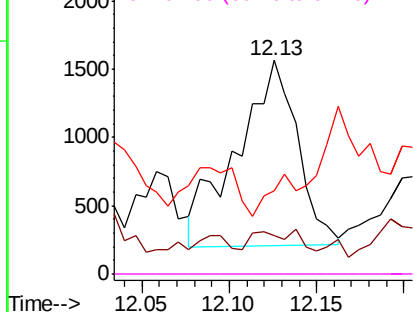
#74

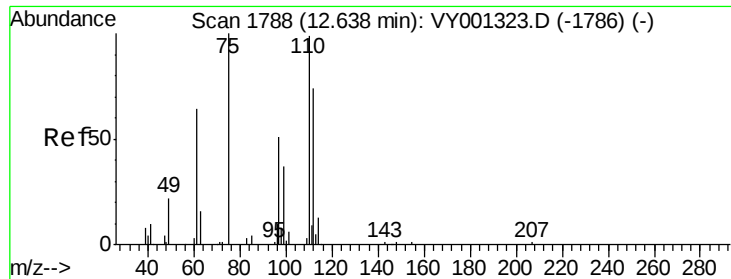
N-ethyl acetate  
Concen: 1.486 ug/l  
RT: 12.13 min Scan# 1704  
Delta R.T. -0.02 min  
Lab File: VY001478.D  
Acq: 03 Feb 2020 17:13

Tgt Ion: 43 Resp: 3272  
Ion Ratio Lower Upper  
43 100  
70 7.2 33.5 50.3#  
55 9.2 18.2 27.2#  
61 0.0 19.6 29.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0  
Ion 70.00 (69.70 to 70.70): VY0  
Ion 55.00 (54.70 to 55.70): VY0  
Ion 61.00 (60.70 to 61.70): VY0

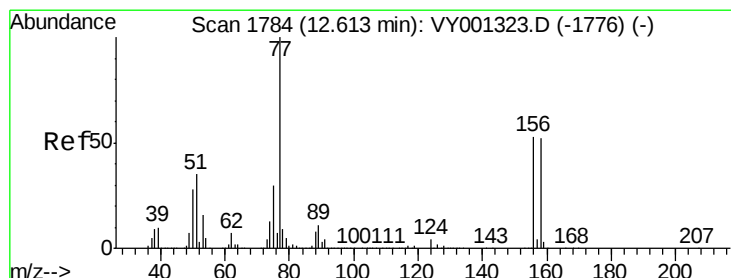
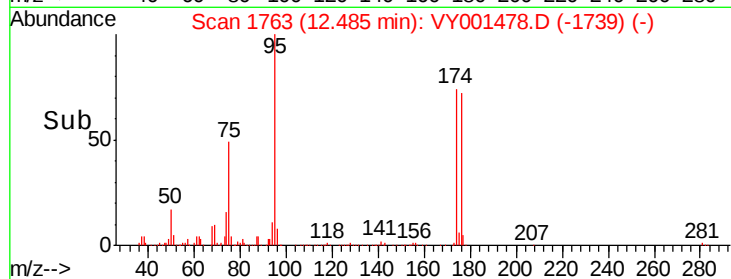
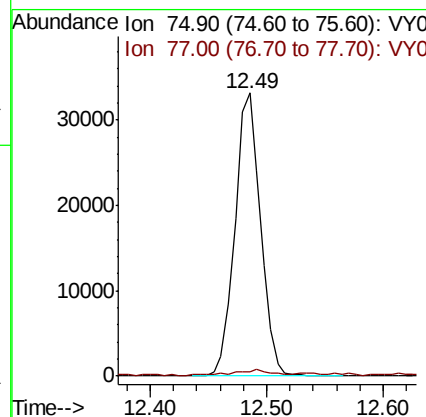
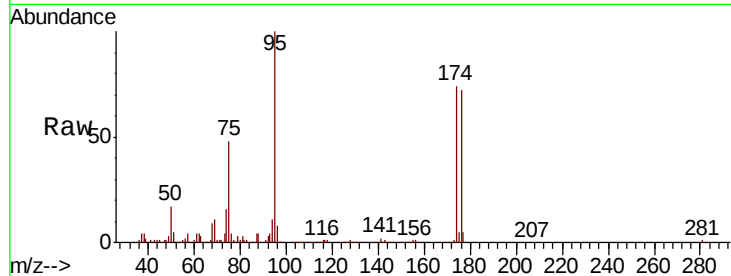




#76  
 1,2,3-Trichloropropane  
 Concen: 49.422 ug/l  
 RT: 12.49 min Scan# 1763  
 Delta R.T. -0.15 min  
 Lab File: VY001478.D  
 Acq: 03 Feb 2020 17:13

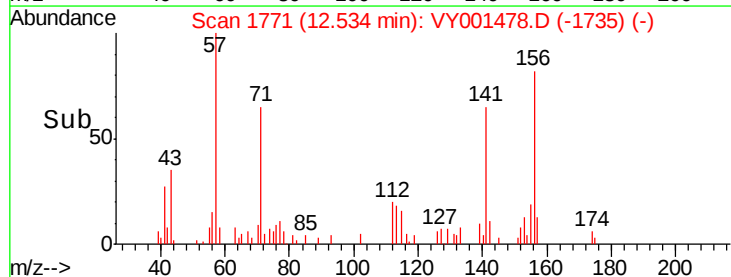
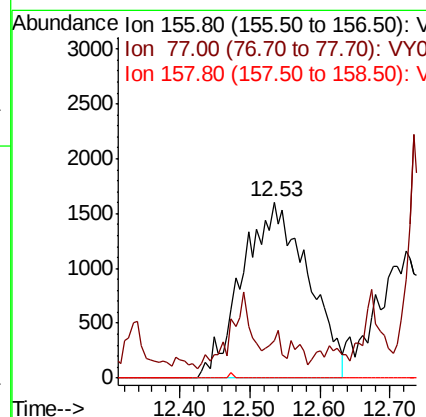
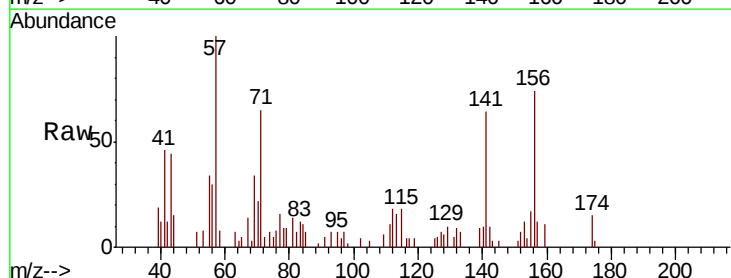
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

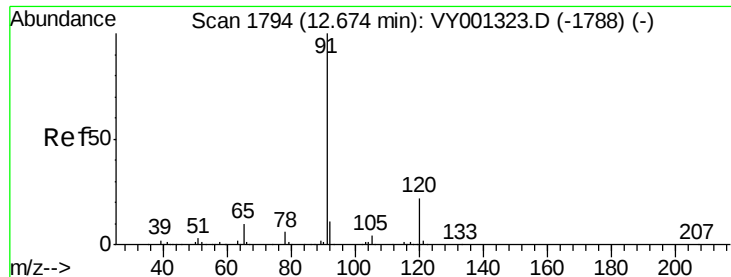
Tot Ion: 75 Resp: 50781  
 Ion Ratio Lower Upper  
 75 100  
 77 2.9 0.0 0.0#



#77  
 Bromobenzene  
 Concen: 6.960 ug/l  
 RT: 12.53 min Scan# 1771  
 Delta R.T. -0.08 min  
 Lab File: VY001478.D  
 Acq: 03 Feb 2020 17:13

Tgt Ion: 156 Resp: 10373  
 Ion Ratio Lower Upper  
 156 100  
 77 3.4 104.7 313.9#  
 158 0.0 48.6 145.8#





#78

n-propylbenzene

Concen: 2.491 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY001478.D

Acq: 03 Feb 2020 17:13

Instrument :

MSVOA\_Y

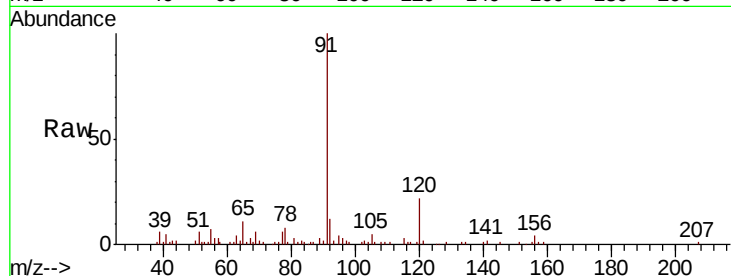
ClientSampled :

Tot Ion: 91 Resp: 20177

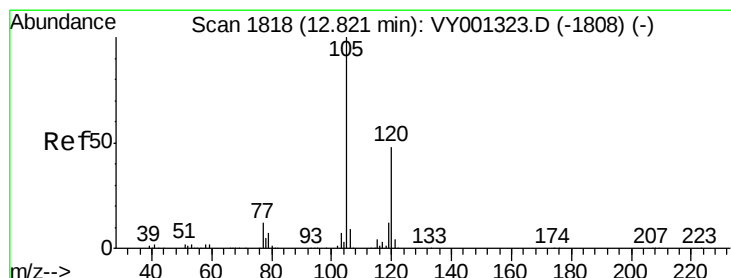
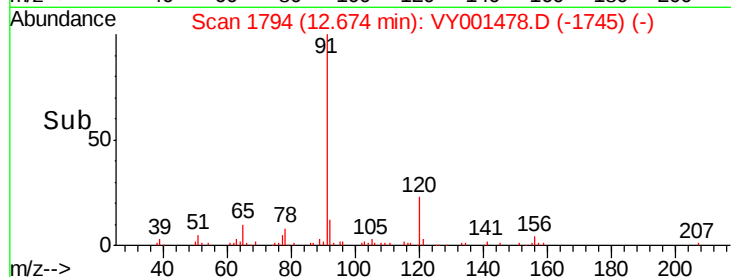
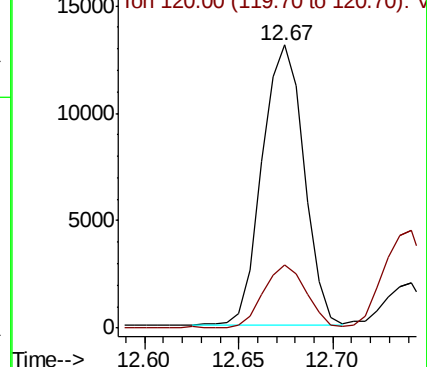
Ion Ratio Lower Upper

91 100

120 23.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY001478.D (-1745) (-)



#80

1,3,5-Trimethylbenzene

Concen: 2.646 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001478.D

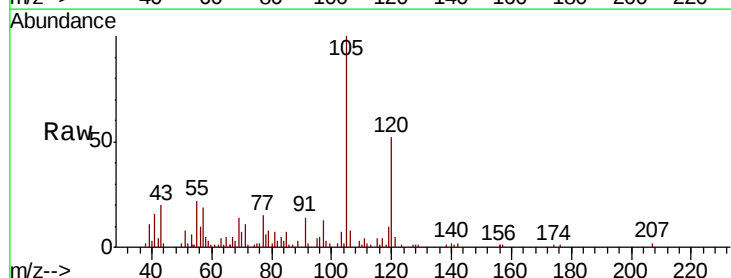
Acq: 03 Feb 2020 17:13

Tgt Ion: 105 Resp: 14862

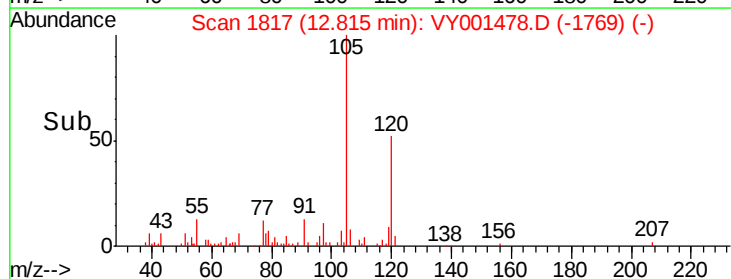
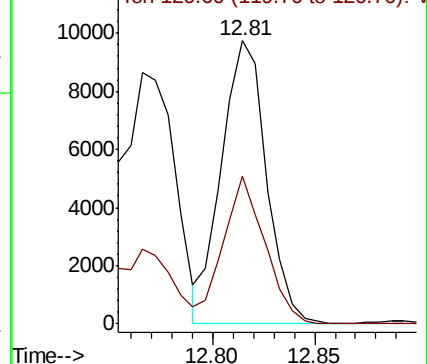
Ion Ratio Lower Upper

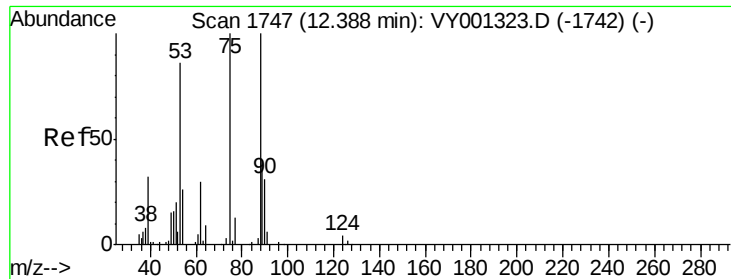
105 100

120 48.4 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001478.D (-1769) (-)

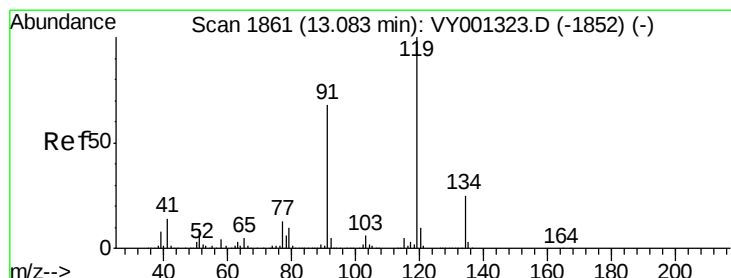
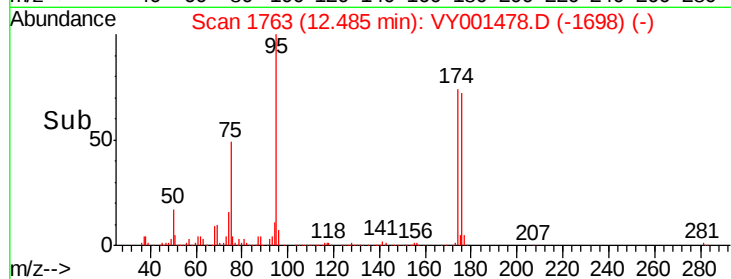
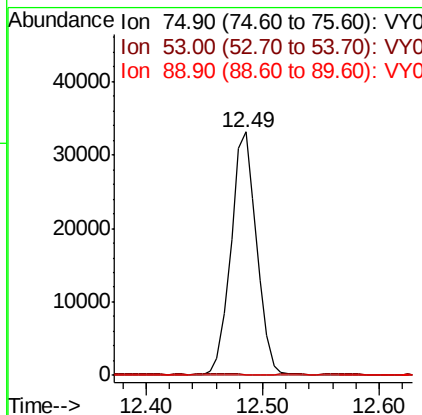
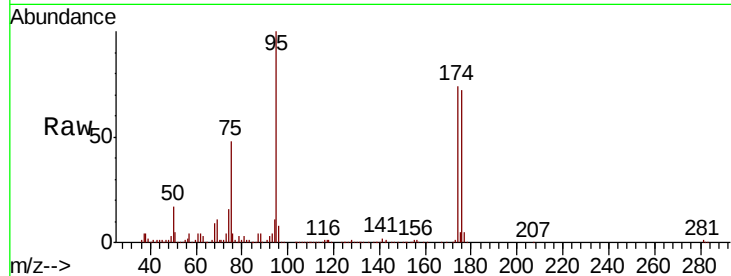




#81  
trans-1,4-Dichloro-2-butene  
Concen: 93.526 ug/l  
RT: 12.49 min Scan# 1763  
Delta R.T. 0.10 min  
Lab File: VY001478.D  
Acq: 03 Feb 2020 17:13

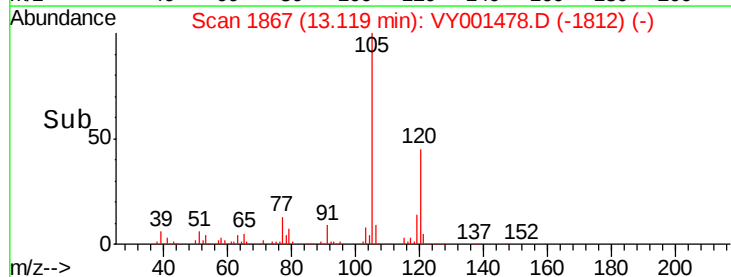
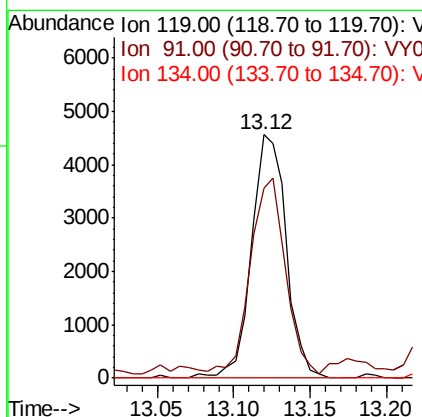
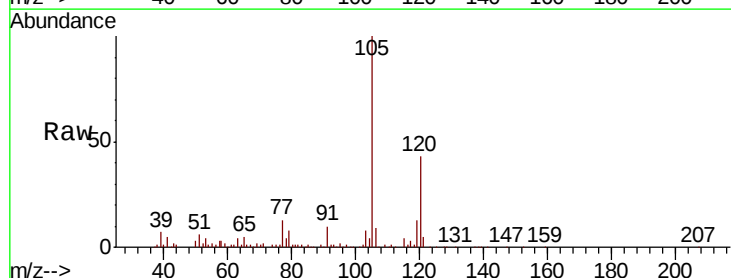
Instrument :  
MSVOA\_Y  
ClientSampleId :

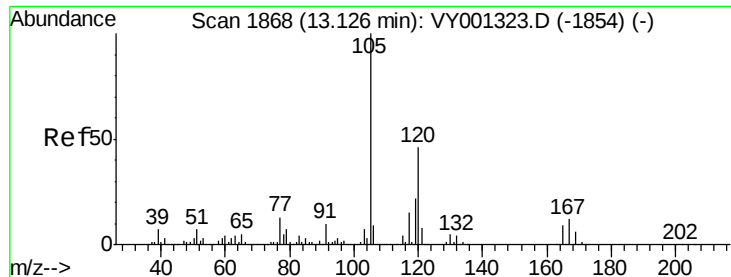
Tot Ion: 75 Resp: 50781  
Ion Ratio Lower Upper  
75 100  
53 0.4 69.9 104.9#  
89 0.1 36.6 54.8#



#83  
tert-Butylbenzene  
Concen: 1.522 ug/l  
RT: 13.12 min Scan# 1867  
Delta R.T. 0.04 min  
Lab File: VY001478.D  
Acq: 03 Feb 2020 17:13

Tgt Ion: 119 Resp: 7207  
Ion Ratio Lower Upper  
119 100  
91 80.2 33.0 99.0  
134 0.0 13.3 39.9#

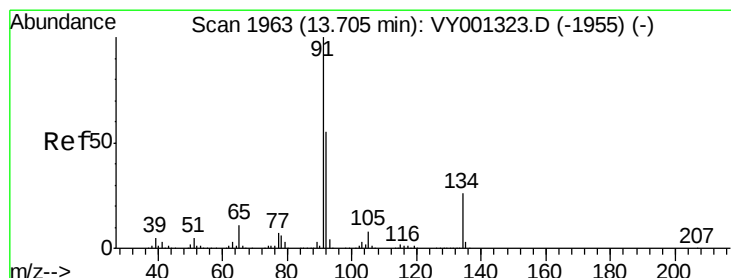
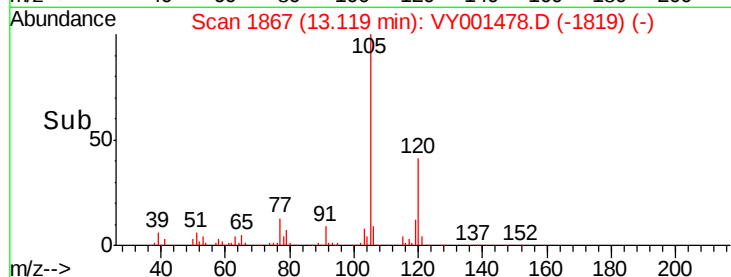
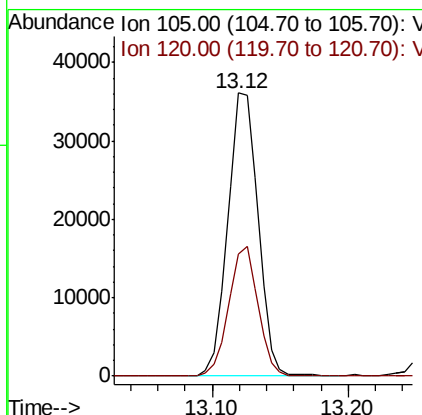
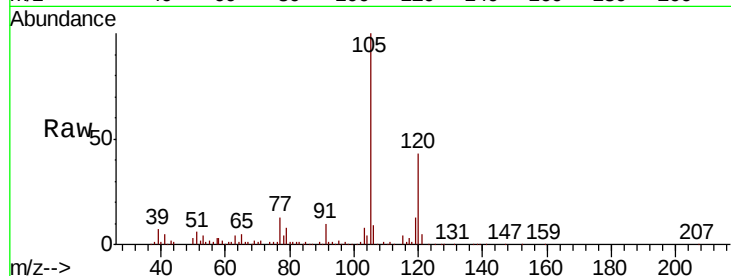




#84  
 1,2,4-Trimethylbenzene  
 Concen: 9.922 ug/l  
 RT: 13.12 min Scan# 1867  
 Delta R.T. -0.01 min  
 Lab File: VY001478.D  
 Acq: 03 Feb 2020 17:13

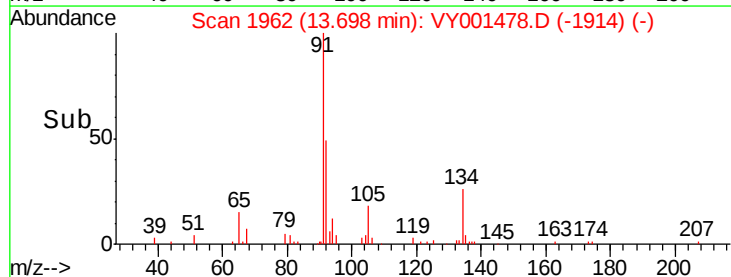
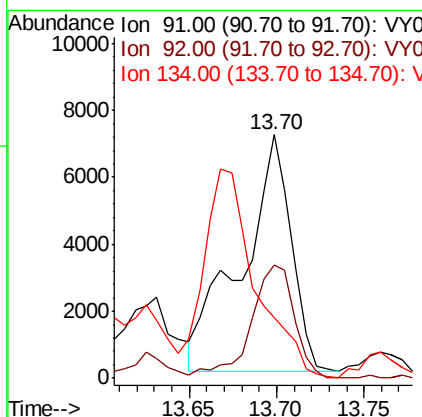
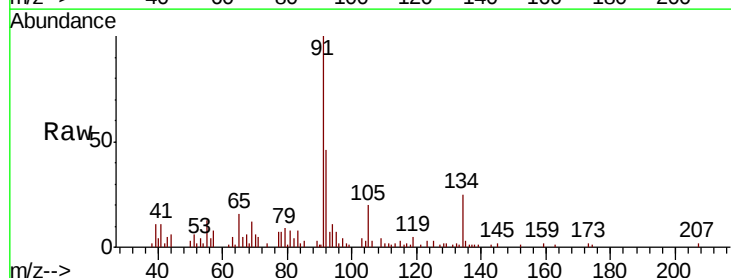
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

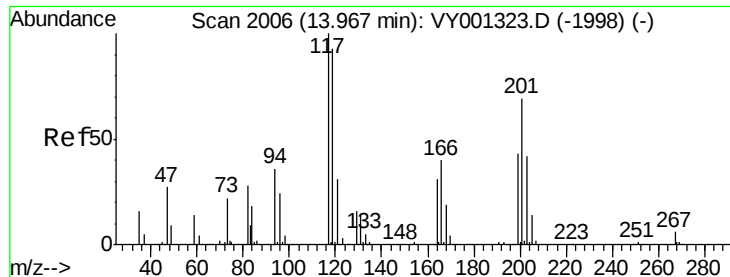
Tot Ion:105 Resp: 55946  
 Ion Ratio Lower Upper  
 105 100  
 120 44.0 22.4 67.3



#89  
 n-Butylbenzene  
 Concen: 2.335 ug/l  
 RT: 13.70 min Scan# 1962  
 Delta R.T. -0.01 min  
 Lab File: VY001478.D  
 Acq: 03 Feb 2020 17:13

Tgt Ion: 91 Resp: 13927  
 Ion Ratio Lower Upper  
 91 100  
 92 41.6 27.6 82.8  
 134 0.0 12.9 38.6#





#90

Hexachloroethane

Concen: 4.169 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY001478.D

Acq: 03 Feb 2020 17:13

Instrument :

MSVOA\_Y

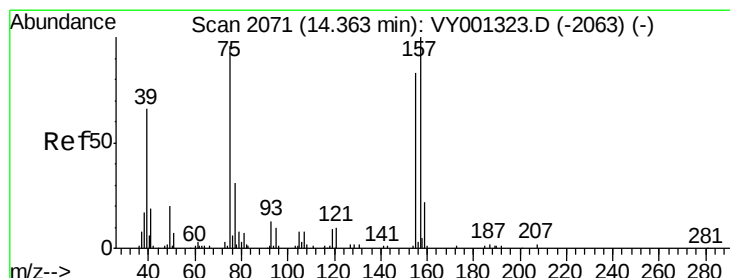
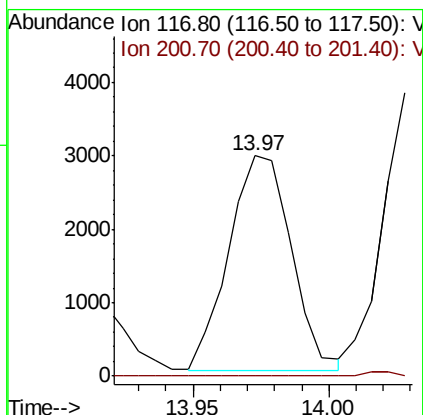
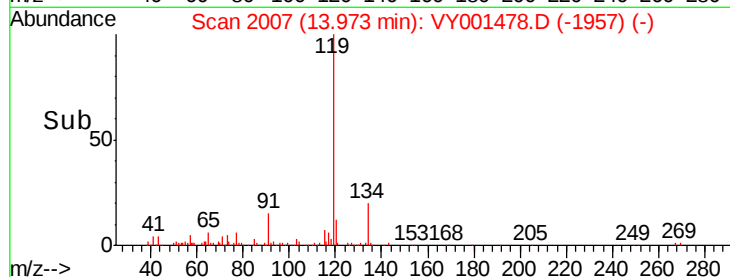
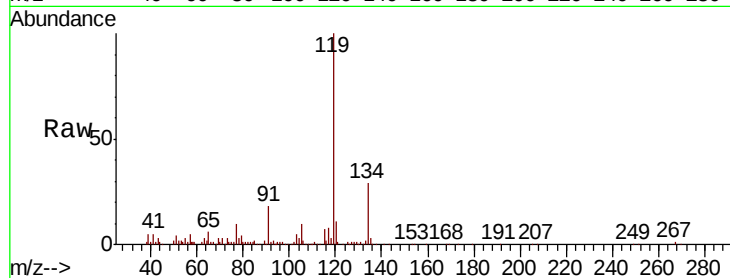
ClientSampleId :

Tot Ion:117 Resp: 4684

Ion Ratio Lower Upper

117 100

201 0.0 34.6 103.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.408 ug/l

RT: 14.34 min Scan# 2068

Delta R.T. -0.02 min

Lab File: VY001478.D

Acq: 03 Feb 2020 17:13

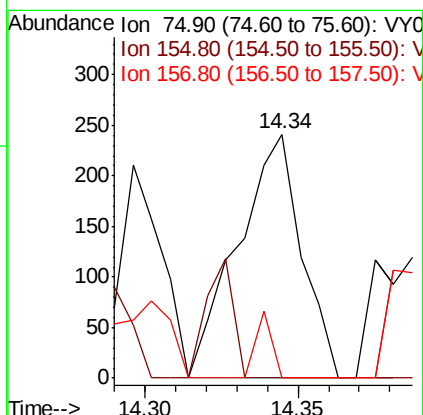
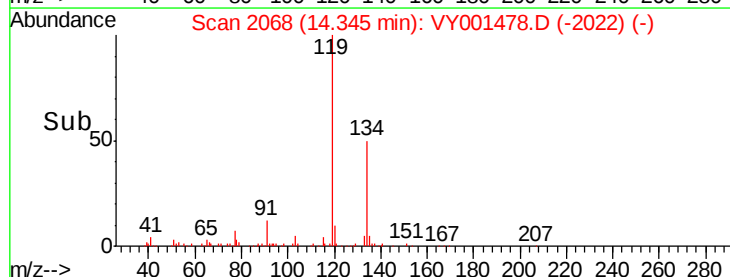
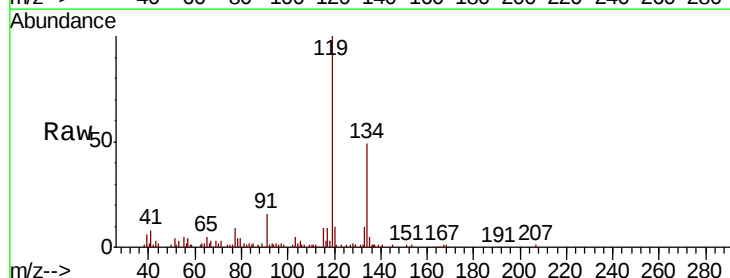
Tgt Ion: 75 Resp: 350

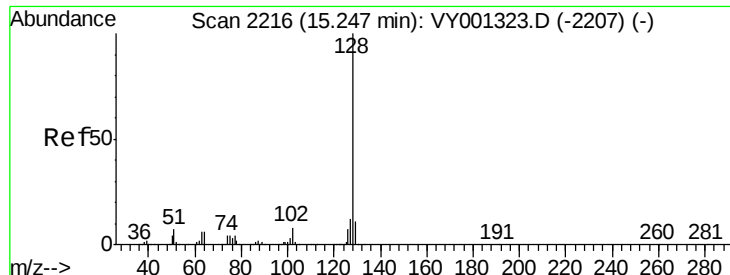
Ion Ratio Lower Upper

75 100

155 20.9 43.0 129.2#

157 6.9 53.3 160.0#





#95

Naphthalene

Concen: 11.779 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001478.D

Acq: 03 Feb 2020 17:13

Instrument :

MSVOA\_Y

ClientSampleId :

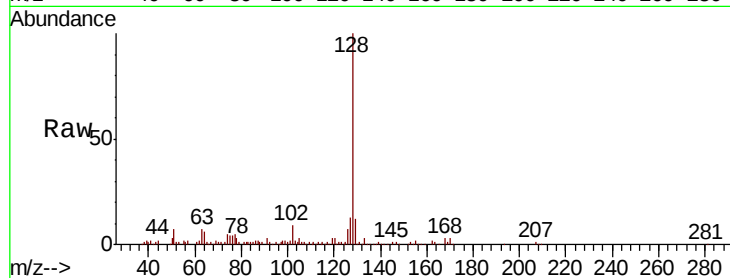
Tot Ion:128 Resp: 47848

Ion Ratio Lower Upper

128 100

127 15.0 10.2 15.2

129 13.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

