

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_Y\DATA\VY031220\  
 Data File : VY001956.D  
 Acq On : 12 Mar 2020 12:05  
 Operator : SY/MD  
 Sample : L1752-01  
 Misc : 7.03G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 HD-01-031120

Quant Time: Mar 13 05:41:30 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y030420S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 05 04:05:33 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.82  | 168  | 158946   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 301046   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 239367   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.44 | 152  | 74100    | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.16   | 65  | 95758    | 56.43 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 112.86% |      |
| 35) Dibromofluoromethane    | 7.75   | 113 | 88795    | 54.02 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 108.04% |      |
| 50) Toluene-d8              | 10.19  | 98  | 344420   | 49.69 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.38%  |      |
| 62) 4-Bromofluorobenzene    | 12.49  | 95  | 100871   | 41.85 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 83.70%  |      |

| Target Compounds               |       |     |        |           | Qvalue     |
|--------------------------------|-------|-----|--------|-----------|------------|
| 5) Bromomethane                | 2.68  | 94  | 86     | Below Cal | 97         |
| 11) Tert butyl alcohol         | 4.98  | 59  | 87     | Below Cal | # 74       |
| 16) Acetone                    | 3.99  | 43  | 3377   | 6.83      | ug/l 92    |
| 20) Methylene Chloride         | 4.75  | 84  | 5357   | 2.53      | ug/l 92    |
| 25) 2-Butanone                 | 7.02  | 43  | 1566   | 2.08      | ug/l 99    |
| 31) Cyclohexane                | 7.82  | 56  | 5515   | 1.48      | ug/l # 3   |
| 36) 1,1-Dichloropropene        | 7.82  | 75  | 13611  | 4.70      | ug/l # 50  |
| 38) Carbon Tetrachloride       | 7.82  | 117 | 16324  | 6.60      | ug/l # 16  |
| 39) Methylcyclohexane          | 9.21  | 83  | 4582   | 1.19      | ug/l 97    |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43  | 4173   | 2.54      | ug/l 89    |
| 55) 1,1,2-Trichloroethane      | 10.63 | 97  | 1679   | 1.03      | ug/l # 20  |
| 58) 2-Chloroethyl Vinyl ether  | 9.77  | 63  | 26     | Below Cal | # 48       |
| 59) 2-Hexanone                 | 10.81 | 43  | 1516   | 1.29      | ug/l # 23  |
| 67) Ethyl Benzene              | 11.60 | 91  | 13870  | 1.56      | ug/l 100   |
| 68) m/p-Xylenes                | 11.71 | 106 | 19792  | 6.02      | ug/l 100   |
| 69) o-Xylene                   | 12.04 | 106 | 35839  | 11.56     | ug/l 99    |
| 73) Isopropylbenzene           | 12.34 | 105 | 19228  | 3.40      | ug/l 99    |
| 74) N-amyl acetate             | 12.13 | 43  | 14230  | 8.19      | ug/l # 52  |
| 75) 1,1,2,2-Tetrachloroethane  | 12.65 | 83  | 7825   | 6.41      | ug/l # 25  |
| 76) 1,2,3-Trichloropropane     | 12.74 | 75  | 3640   | 4.14      | ug/l # 100 |
| 78) n-propylbenzene            | 12.68 | 91  | 131857 | 18.89     | ug/l 98    |
| 79) 2-Chlorotoluene            | 12.78 | 91  | 20060  | 5.20      | ug/l # 45  |
| 80) 1,3,5-Trimethylbenzene     | 12.82 | 105 | 243670 | 52.33     | ug/l 98    |
| 81) trans-1,4-Dichloro-2-buten | 12.49 | 75  | 49909  | 114.66    | ug/l # 17  |
| 82) 4-Chlorotoluene            | 12.82 | 91  | 26861  | 6.69      | ug/l # 49  |
| 83) tert-Butylbenzene          | 13.13 | 119 | 84924  | 21.96     | ug/l # 71  |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105 | 690358 | 149.38    | ug/l 100   |
| 85) sec-Butylbenzene           | 13.26 | 105 | 92163  | 16.17     | ug/l 86    |
| 86) p-Isopropyltoluene         | 13.38 | 119 | 64551  | 13.13     | ug/l 99    |
| 89) n-Butylbenzene             | 13.70 | 91  | 168069 | 32.94     | ug/l # 78  |
| 90) Hexachloroethane           | 13.98 | 117 | 36574  | 39.42     | ug/l # 18  |
| 92) 1,2-Dibromo-3-Chloropropan | 14.39 | 75  | 1343   | 7.06      | ug/l # 32  |
| 95) Naphthalene                | 15.24 | 128 | 130807 | 39.86     | ug/l # 94  |
| 96) 1,2,3-Trichlorobenzene     | 15.45 | 180 | 2309   | 1.89      | ug/l # 1   |

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Sample : L1752-01  
Misc : 7.03G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
HD-01-031120

Quant Time: Mar 13 05:41:30 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y030420S.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 05 04:05:33 2020  
Response via : Initial Calibration

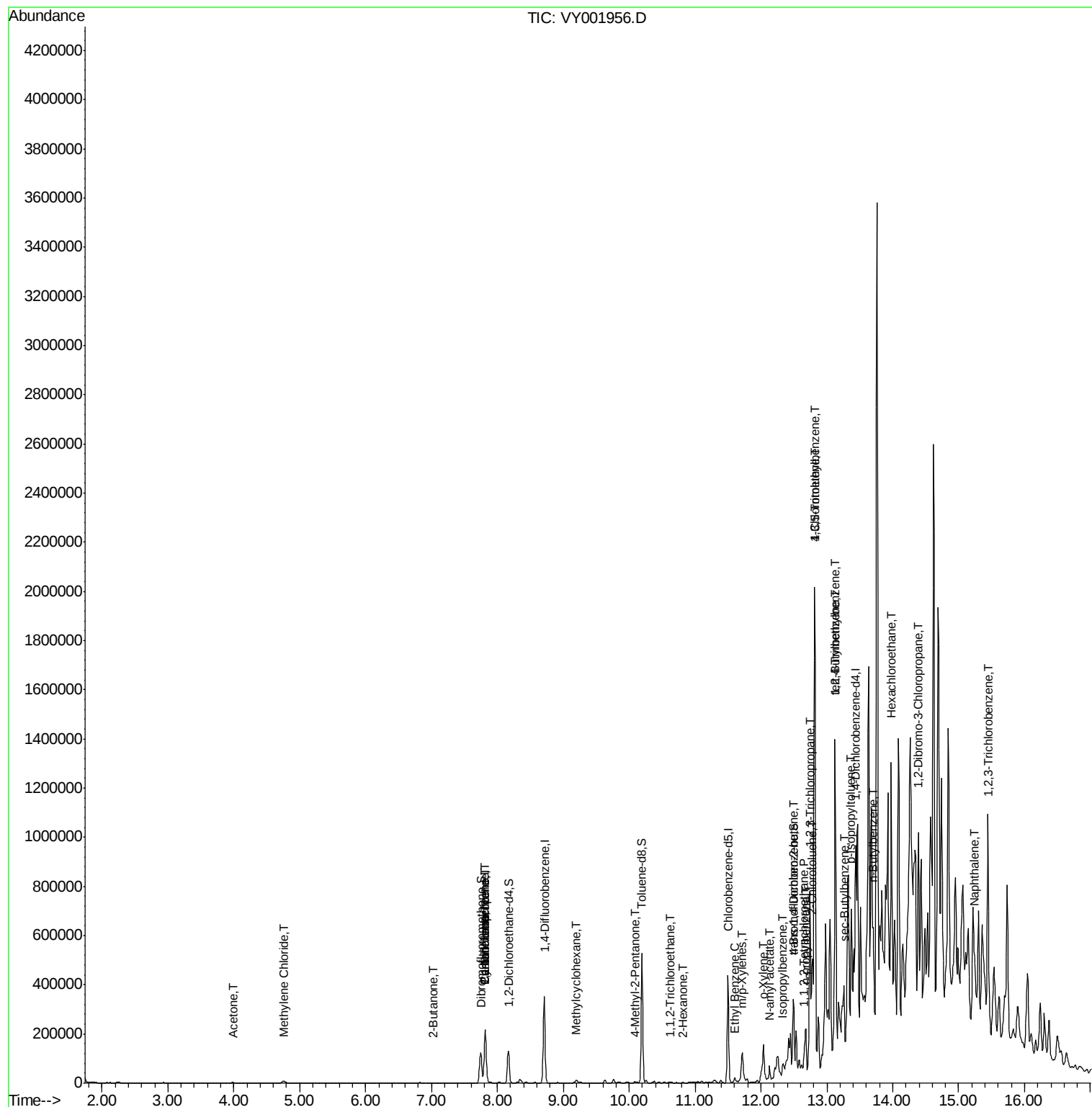
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
| -----              |      |      |          |      |       |          |
| -----              |      |      |          |      |       |          |

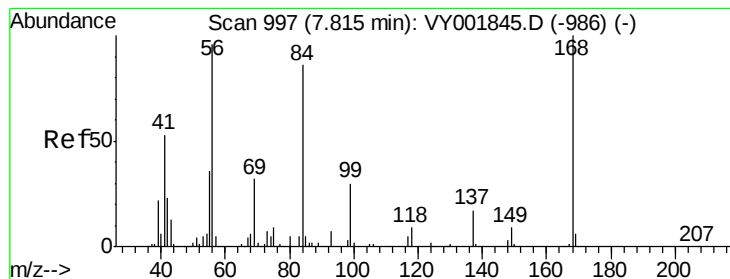
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\DATA\VY031220\  
Data File : VY001956.D  
Acq On : 12 Mar 2020 12:05  
Operator : SY/MD  
Sample : L1752-01  
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

Instrument :

MSVOA\_Y

ClientSampleId :

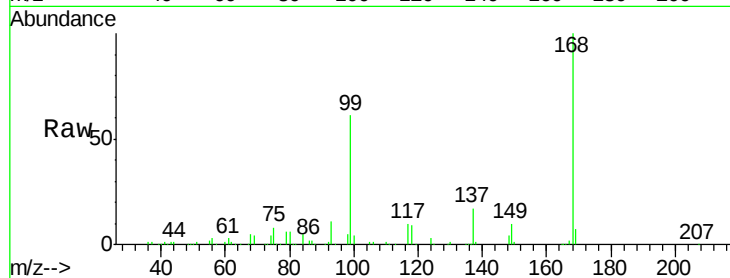
HD-01-031120

Tgt Ion: 168 Resp: 158946

Ion Ratio Lower Upper

168 100

99 61.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.82

60000

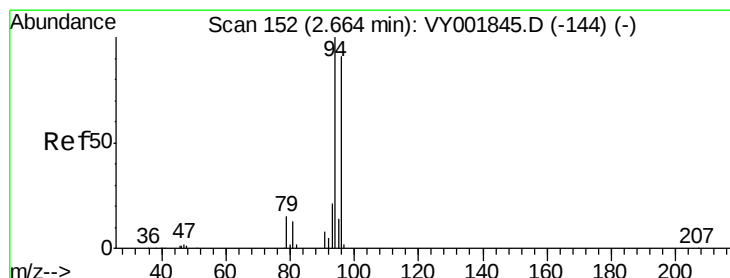
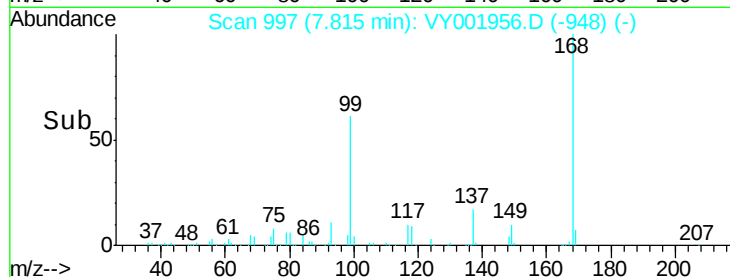
40000

20000

0

7.70 7.80 7.90

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.68 min Scan# 154

Delta R.T. 0.01 min

Lab File: VY001956.D

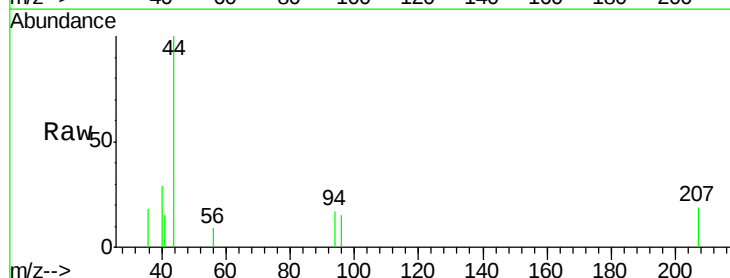
Acq: 12 Mar 2020 12:05

Tgt Ion: 94 Resp: 86

Ion Ratio Lower Upper

94 100

96 88.7 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY001845.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VY001845.D (-144) (-)

2.68

100

80

60

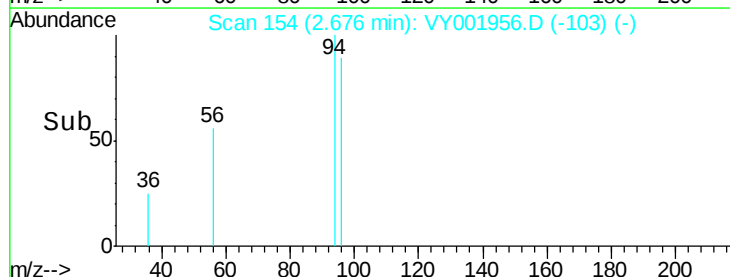
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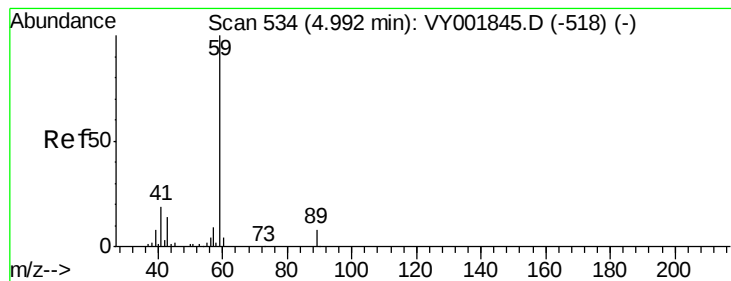
20

0

2.66 2.68 2.70 2.72

Time-->



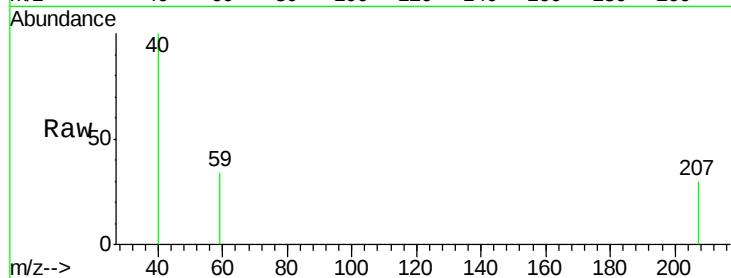


#11

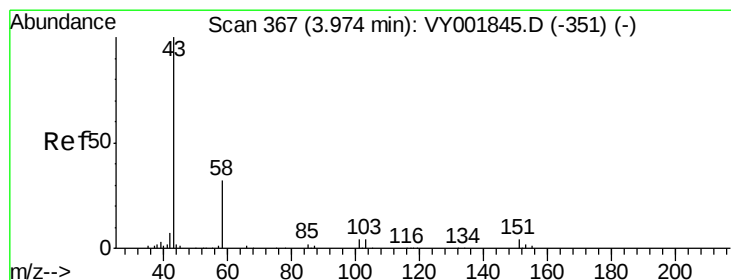
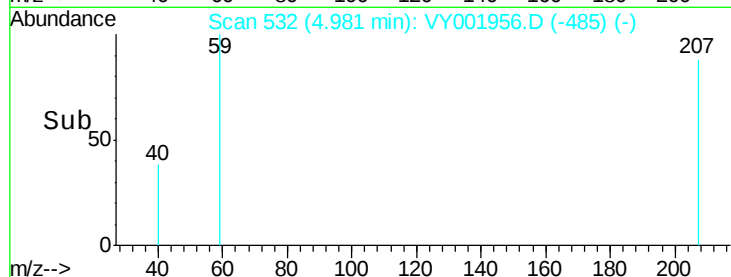
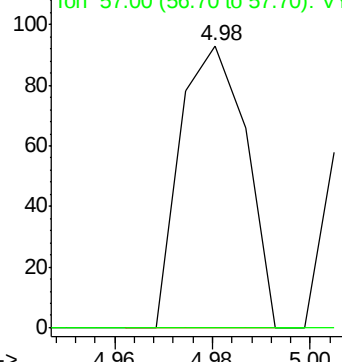
Tert butyl alcohol  
 Concen: Below Cal  
 RT: 4.98 min Scan# 532  
 Delta R.T. -0.01 min  
 Lab File: VY001956.D  
 Acq: 12 Mar 2020 12:05

Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 HD-01-031120

Tgt Ion: 59 Resp: 87  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 7.4 11.2#



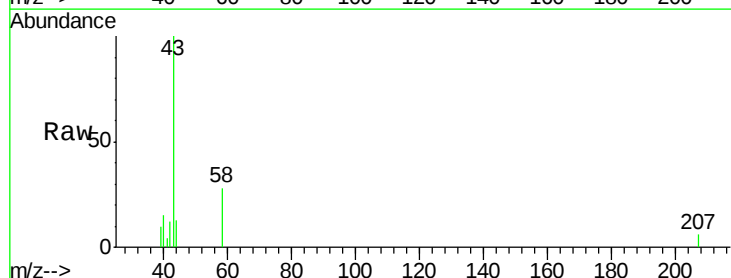
Abundance Ion 59.00 (58.70 to 59.70): VY0  
 Ion 57.00 (56.70 to 57.70): VY0



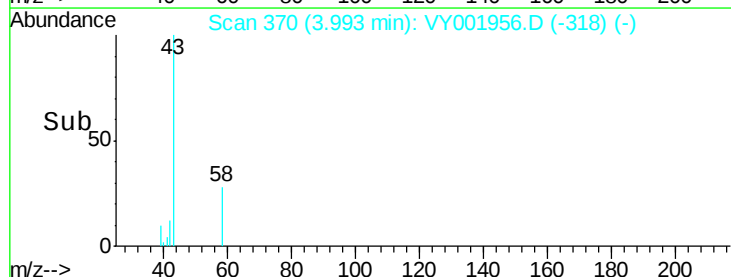
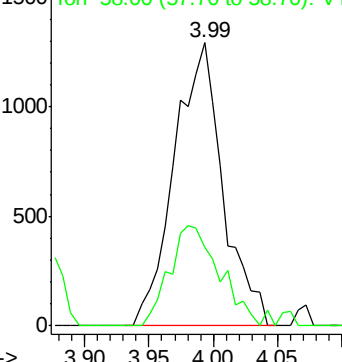
#16

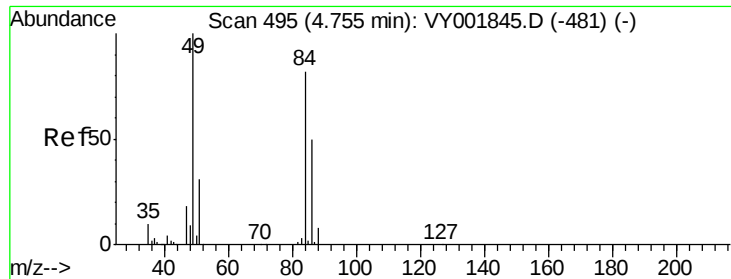
Acetone  
 Concen: 6.83 ug/l  
 RT: 3.99 min Scan# 370  
 Delta R.T. 0.02 min  
 Lab File: VY001956.D  
 Acq: 12 Mar 2020 12:05

Tgt Ion: 43 Resp: 3377  
 Ion Ratio Lower Upper  
 43 100  
 58 28.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY0  
 Ion 58.00 (57.70 to 58.70): VY0

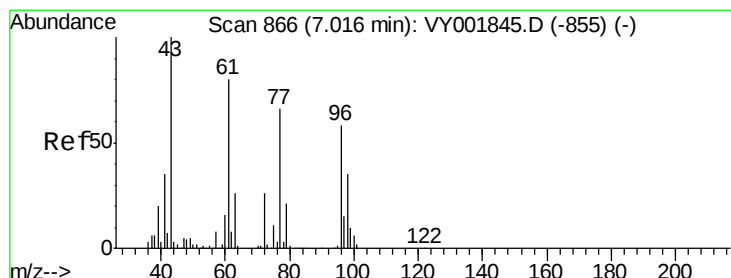
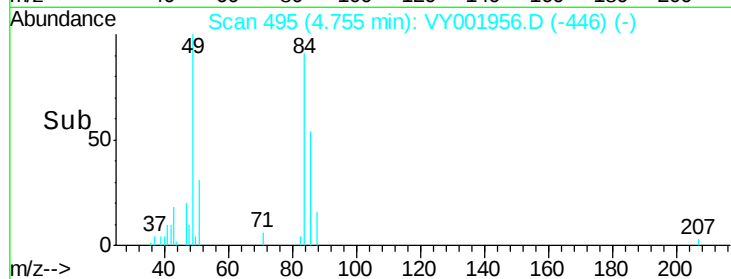
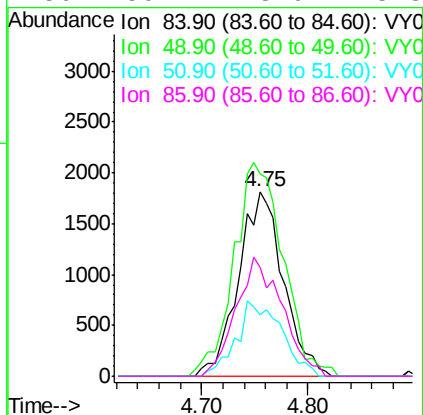
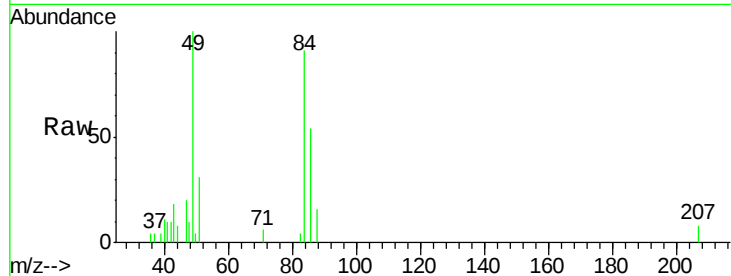




#20  
Methylene Chloride  
Concen: 2.53 ug/l  
RT: 4.75 min Scan# 495  
Delta R.T. 0.00 min  
Lab File: VY001956.D  
Acq: 12 Mar 2020 12:05

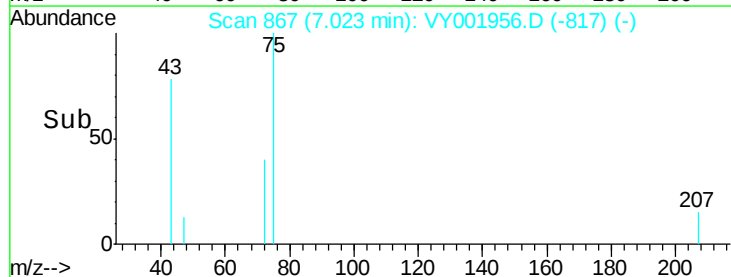
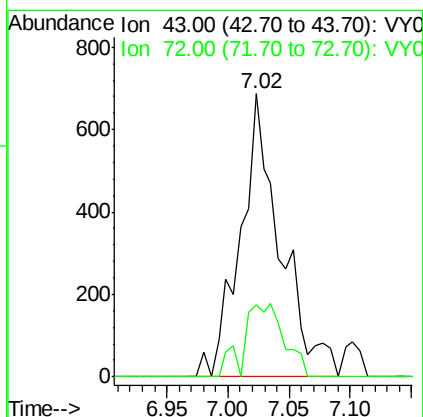
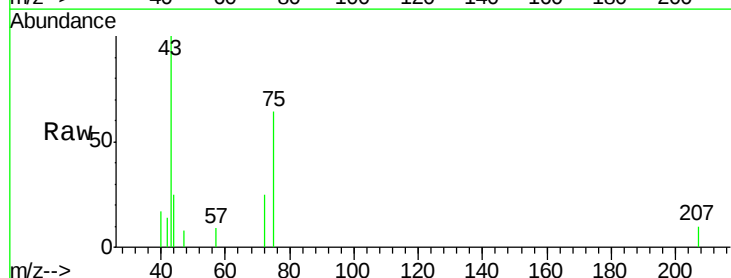
Instrument :  
MSVOA\_Y  
ClientSampleId :  
HD-01-031120

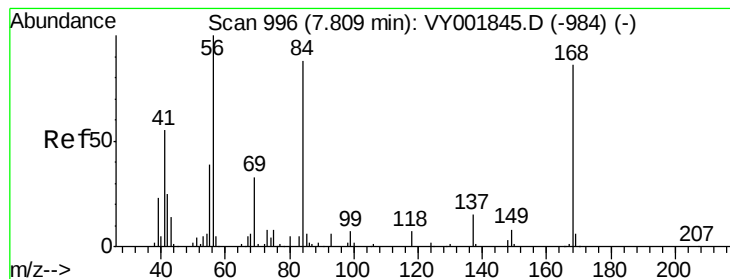
Tgt Ion: 84 Resp: 5357  
Ion Ratio Lower Upper  
84 100  
49 109.9 98.2 147.2  
51 33.6 30.2 45.2  
86 59.1 48.9 73.3



#25  
2-Butanone  
Concen: 2.08 ug/l  
RT: 7.02 min Scan# 867  
Delta R.T. 0.01 min  
Lab File: VY001956.D  
Acq: 12 Mar 2020 12:05

Tgt Ion: 43 Resp: 1566  
Ion Ratio Lower Upper  
43 100  
72 25.5 20.9 31.3





#31

Cyclohexane

Concen: 1.48 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

Instrument :

MSVOA\_Y

ClientSampleId :

HD-01-031120

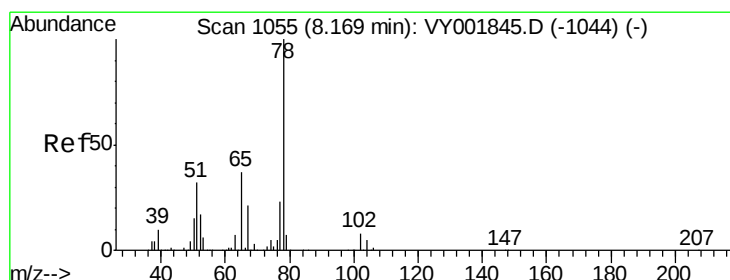
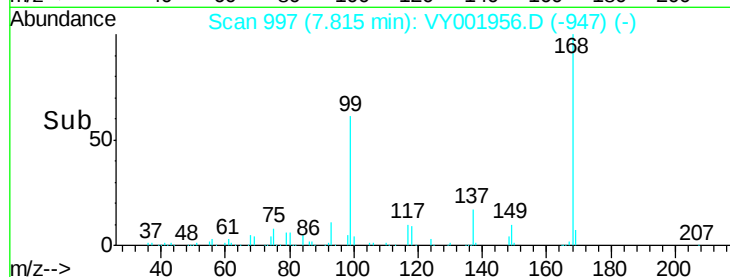
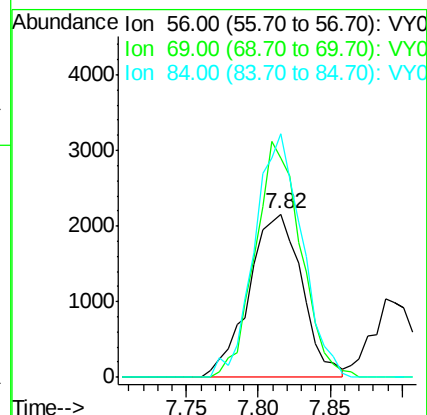
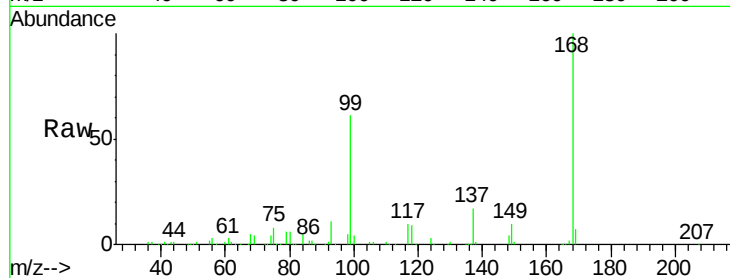
Tgt Ion: 56 Resp: 5515

Ion Ratio Lower Upper

56 100

69 134.8 26.7 40.1#

84 149.3 70.4 105.6#



#33

1,2-Dichloroethane-d4

Concen: 56.43 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001956.D

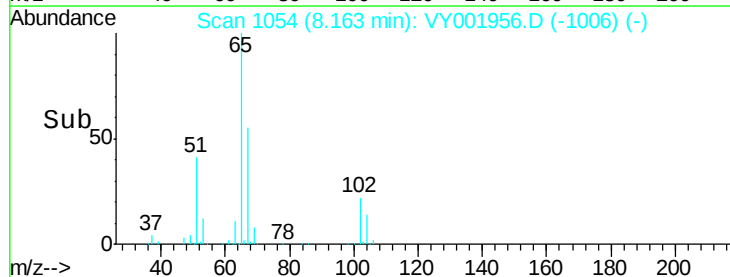
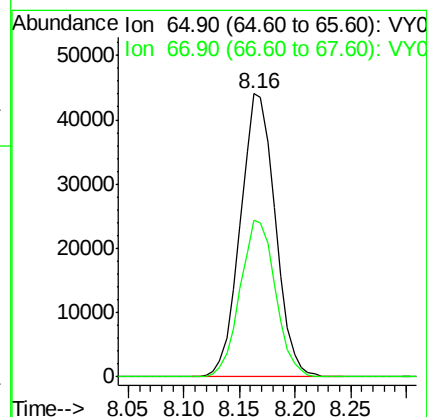
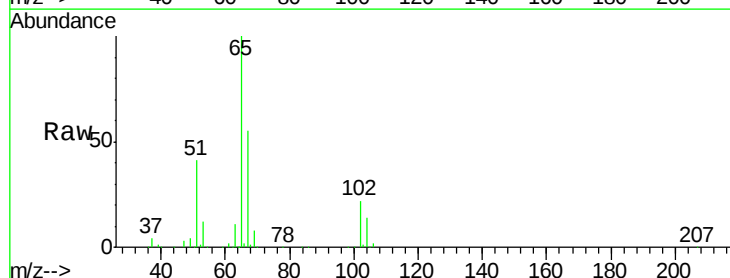
Acq: 12 Mar 2020 12:05

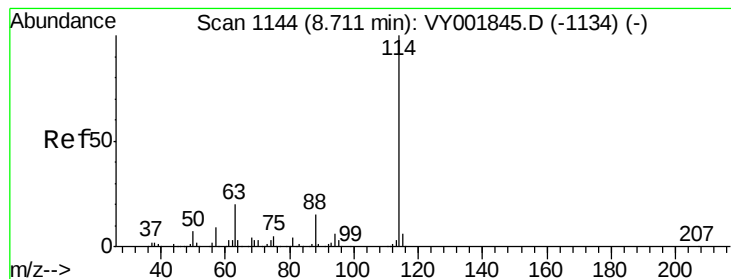
Tgt Ion: 65 Resp: 95758

Ion Ratio Lower Upper

65 100

67 56.0 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

Instrument :

MSVOA\_Y

ClientSampleId :

HD-01-031120

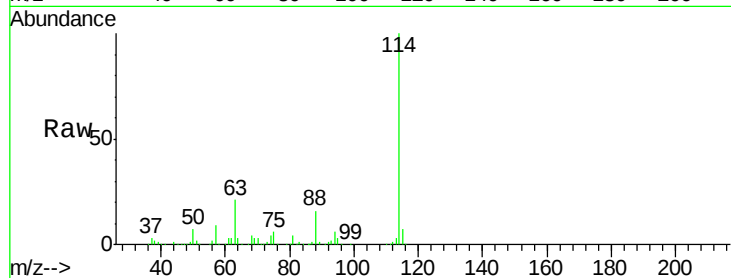
Tgt Ion:114 Resp: 301046

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.4

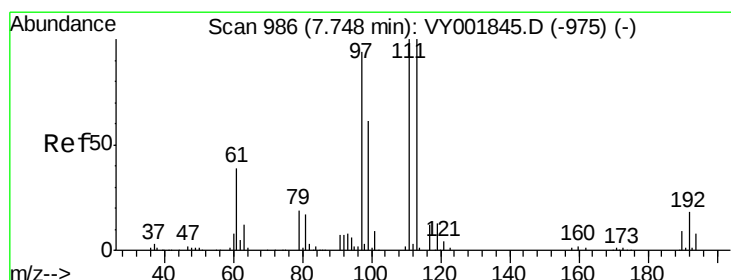
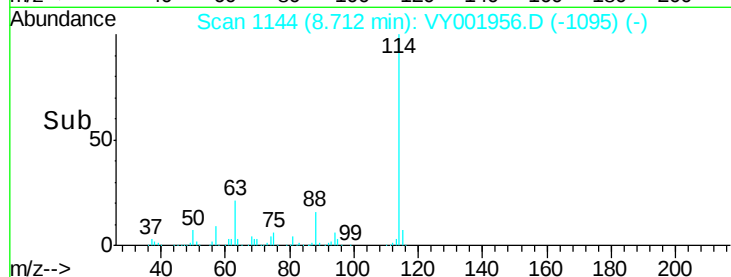
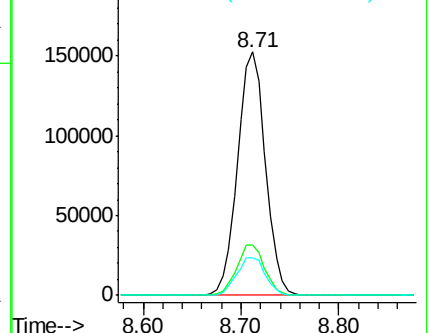
88 15.6 0.0 30.4



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: 54.02 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

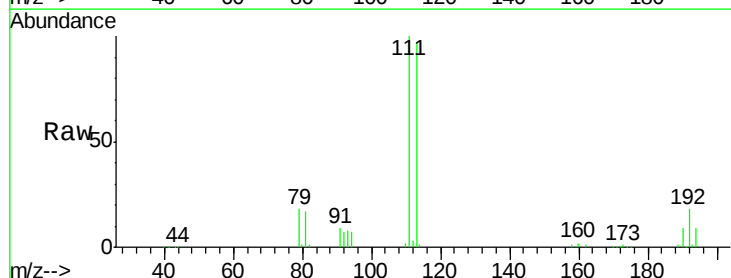
Tgt Ion:113 Resp: 88795

Ion Ratio Lower Upper

113 100

111 104.0 81.8 122.8

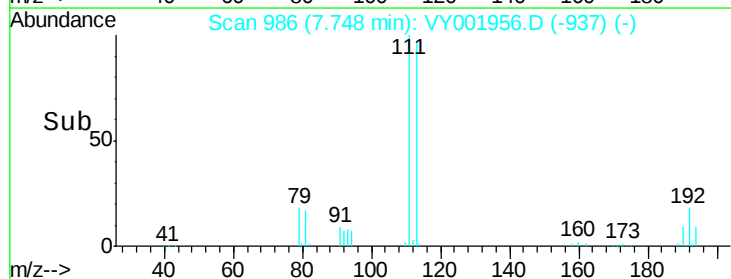
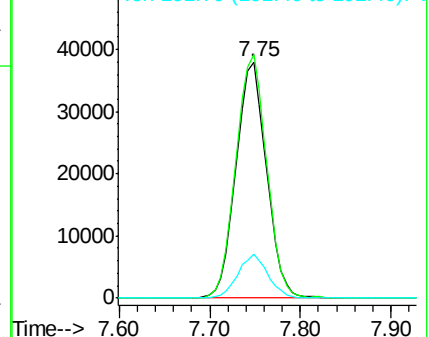
192 18.2 14.2 21.2

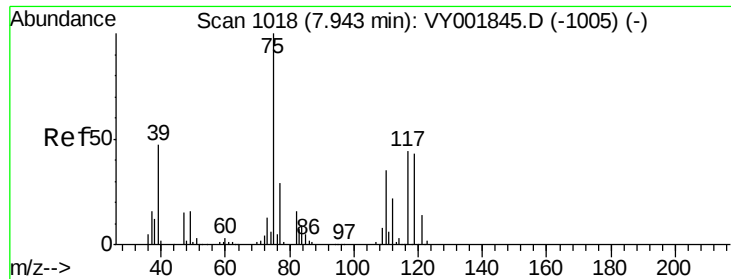


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

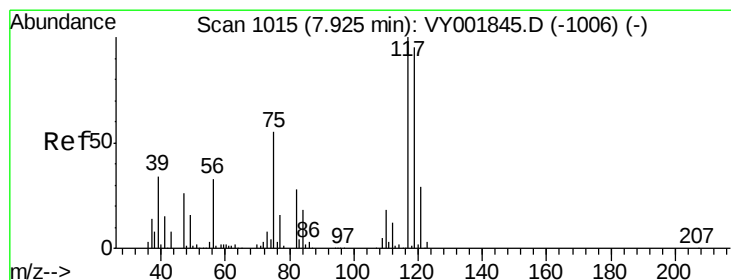
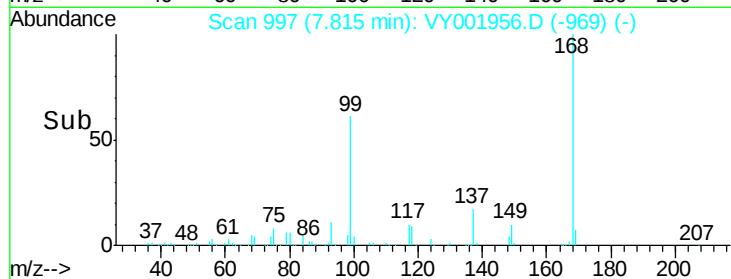
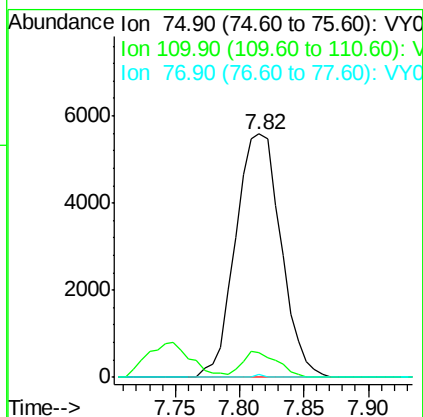
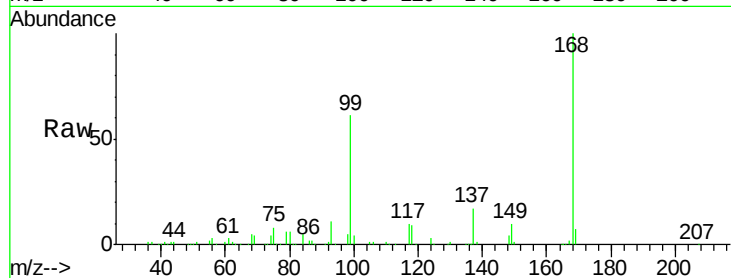




#36  
 1,1-Dichloropropene  
 Concen: 4.70 ug/l  
 RT: 7.82 min Scan# 997  
 Delta R.T. -0.13 min  
 Lab File: VY001956.D  
 Acq: 12 Mar 2020 12:05

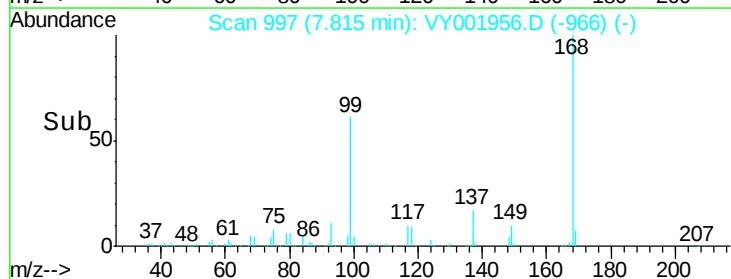
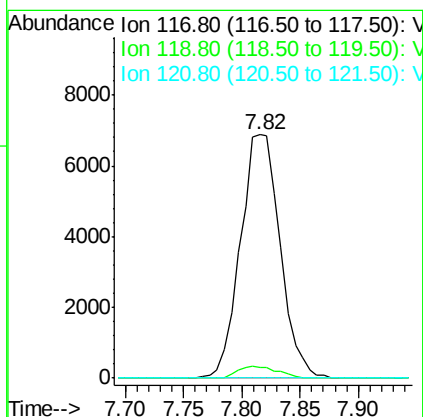
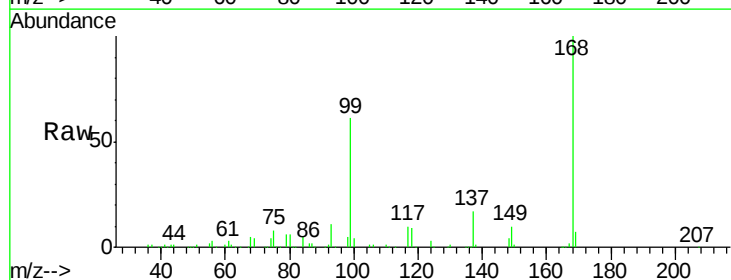
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 HD-01-031120

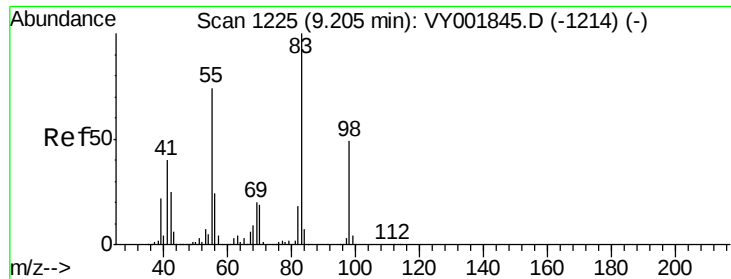
Tgt Ion: 75 Resp: 13611  
 Ion Ratio Lower Upper  
 75 100  
 110 8.2 17.4 52.2#  
 77 0.1 24.2 36.2#



#38  
 Carbon Tetrachloride  
 Concen: 6.60 ug/l  
 RT: 7.82 min Scan# 997  
 Delta R.T. -0.11 min  
 Lab File: VY001956.D  
 Acq: 12 Mar 2020 12:05

Tgt Ion: 117 Resp: 16324  
 Ion Ratio Lower Upper  
 117 100  
 119 4.5 76.3 114.5#  
 121 0.0 23.5 35.3#

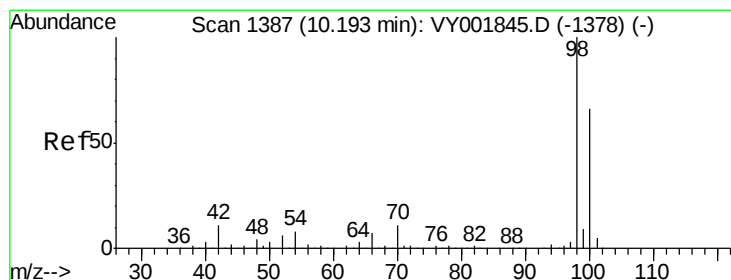
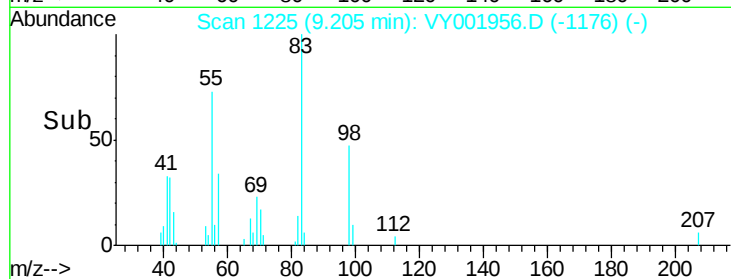
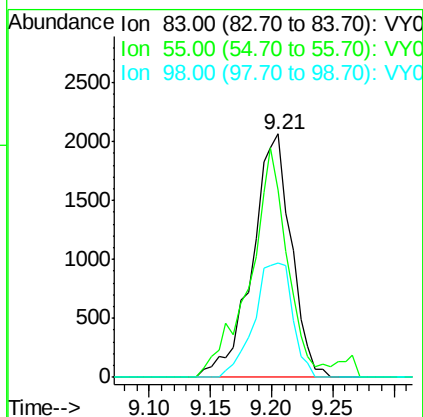
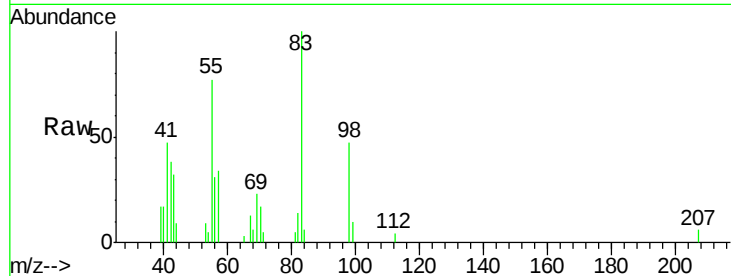




#39  
Methylcyclohexane  
Concen: 1.19 ug/l  
RT: 9.21 min Scan# 1225  
Delta R.T. 0.00 min  
Lab File: VY001956.D  
Acq: 12 Mar 2020 12:05

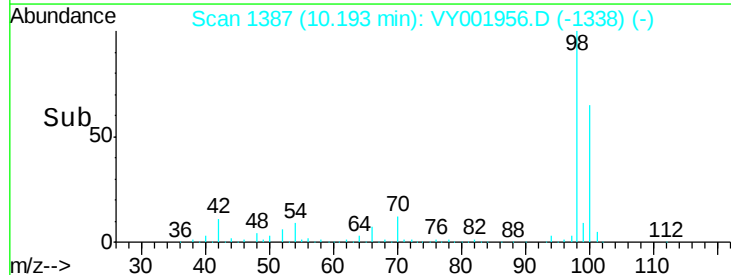
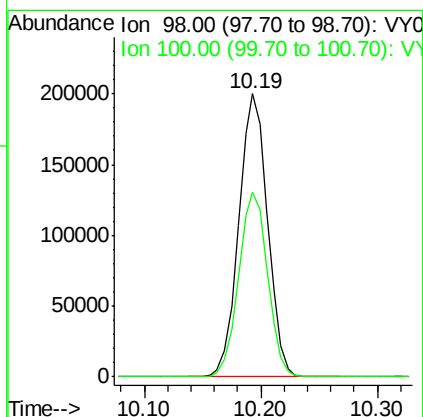
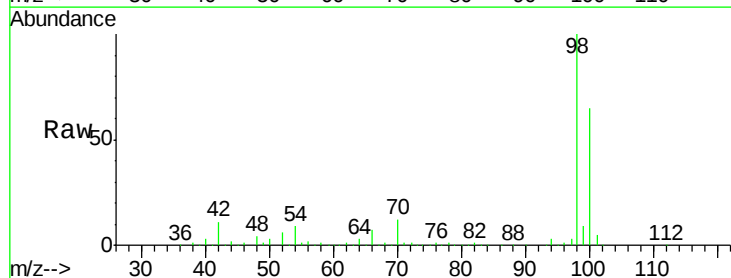
Instrument :  
MSVOA\_Y  
ClientSampleId :  
HD-01-031120

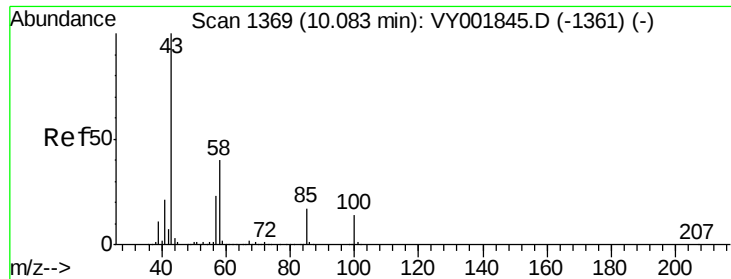
Tgt Ion: 83 Resp: 4582  
Ion Ratio Lower Upper  
83 100  
55 77.0 59.4 89.0  
98 47.0 38.9 58.3



#50  
Toluene-d8  
Concen: 49.69 ug/l  
RT: 10.19 min Scan# 1387  
Delta R.T. 0.00 min  
Lab File: VY001956.D  
Acq: 12 Mar 2020 12:05

Tgt Ion: 98 Resp: 344420  
Ion Ratio Lower Upper  
98 100  
100 65.7 53.0 79.4

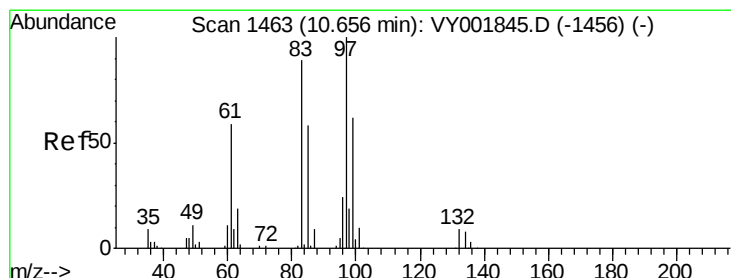
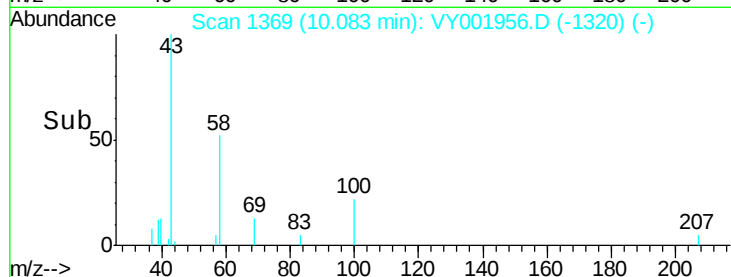
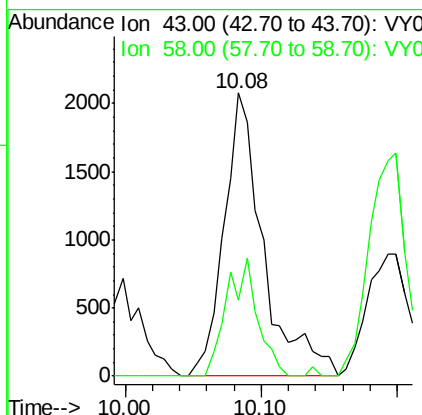
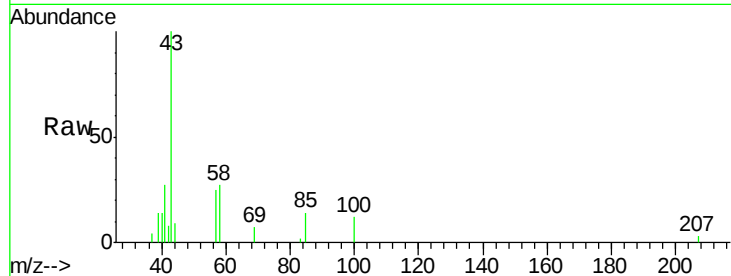




#51  
 4-Methyl-2-Pentanone  
 Concen: 2.54 ug/l  
 RT: 10.08 min Scan# 1369  
 Delta R.T. 0.00 min  
 Lab File: VY001956.D  
 Acq: 12 Mar 2020 12:05

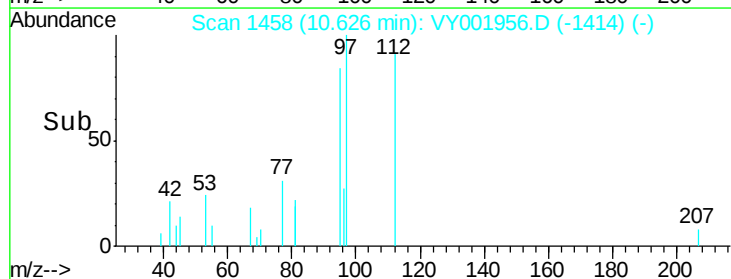
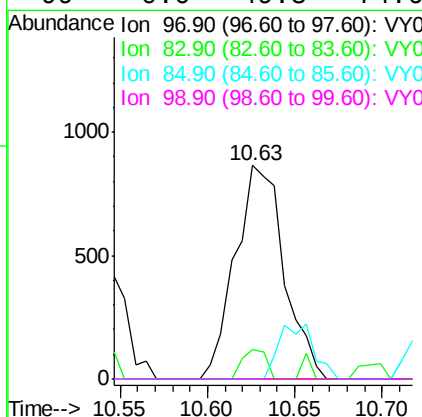
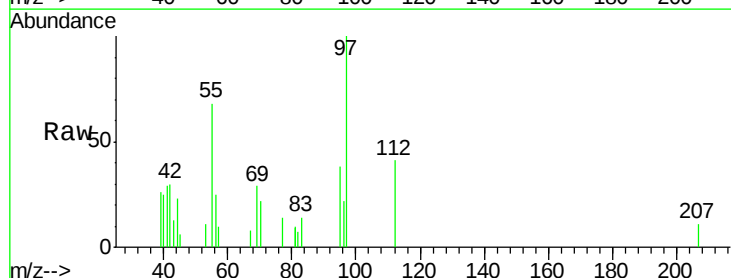
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 HD-01-031120

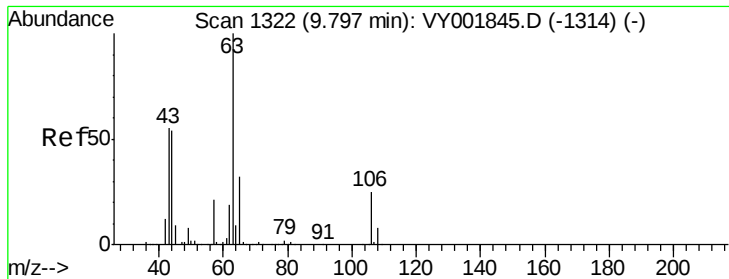
Tgt Ion: 43 Resp: 4173  
 Ion Ratio Lower Upper  
 43 100  
 58 32.9 32.0 48.0



#55  
 1,1,2-Trichloroethane  
 Concen: 1.03 ug/l  
 RT: 10.63 min Scan# 1458  
 Delta R.T. -0.03 min  
 Lab File: VY001956.D  
 Acq: 12 Mar 2020 12:05

Tgt Ion: 97 Resp: 1679  
 Ion Ratio Lower Upper  
 97 100  
 83 13.9 71.6 107.4#  
 85 0.0 46.6 69.8#  
 99 0.0 49.8 74.6#

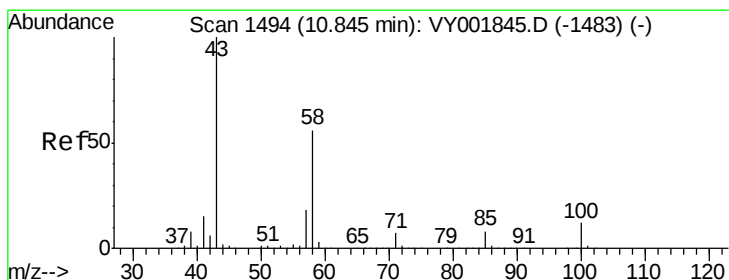
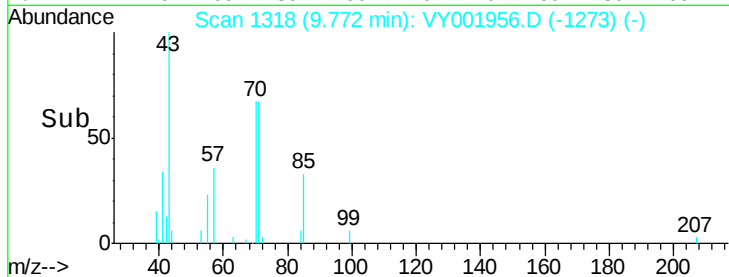
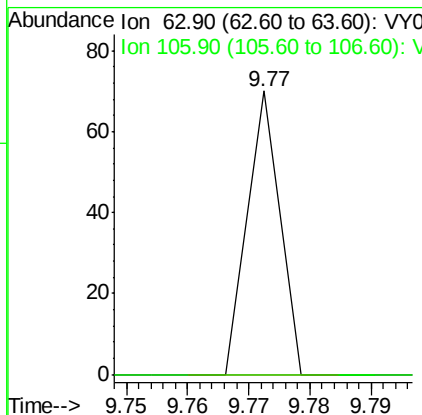
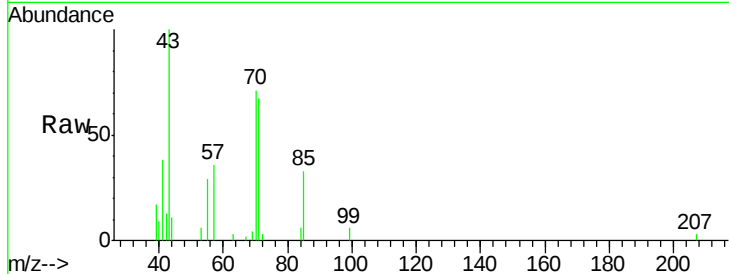




#58  
 2-Chloroethyl Vinyl ether  
 Concen: Below Cal  
 RT: 9.77 min Scan# 1318  
 Delta R.T. -0.02 min  
 Lab File: VY001956.D  
 Acq: 12 Mar 2020 12:05

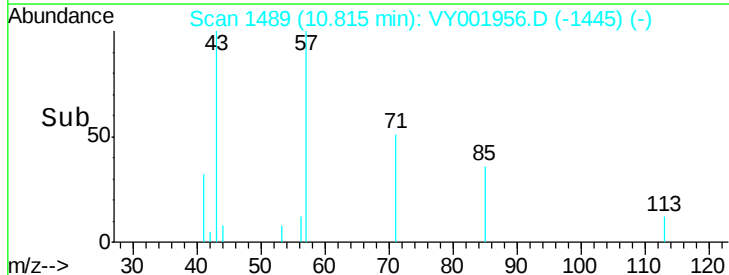
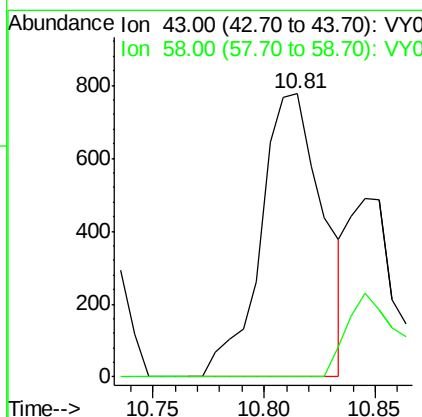
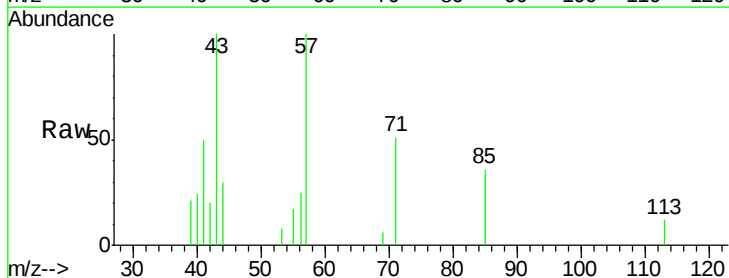
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 HD-01-031120

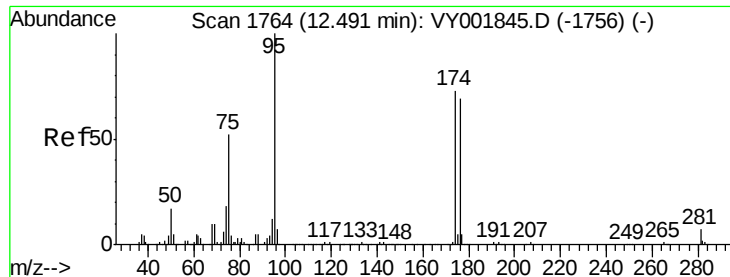
Tgt Ion: 63 Resp: 26  
 Ion Ratio Lower Upper  
 63 100  
 106 0.0 21.3 31.9#



#59  
 2-Hexanone  
 Concen: 1.29 ug/l  
 RT: 10.81 min Scan# 1489  
 Delta R.T. -0.03 min  
 Lab File: VY001956.D  
 Acq: 12 Mar 2020 12:05

Tgt Ion: 43 Resp: 1516  
 Ion Ratio Lower Upper  
 43 100  
 58 0.0 28.1 84.3#

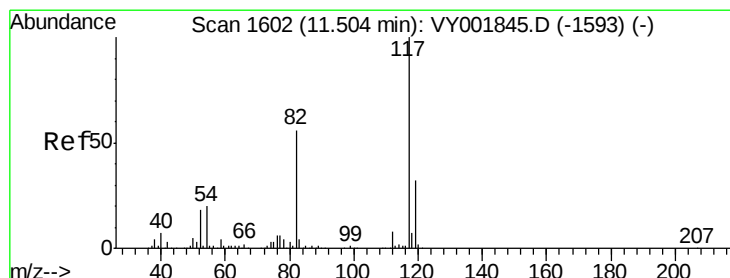
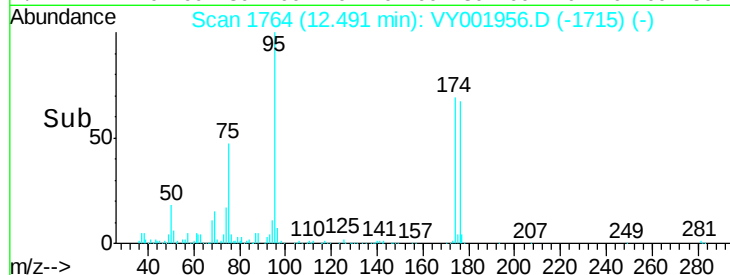
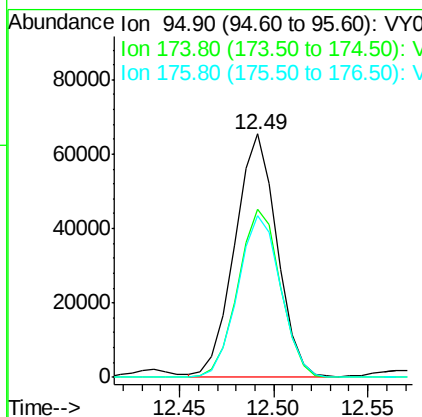
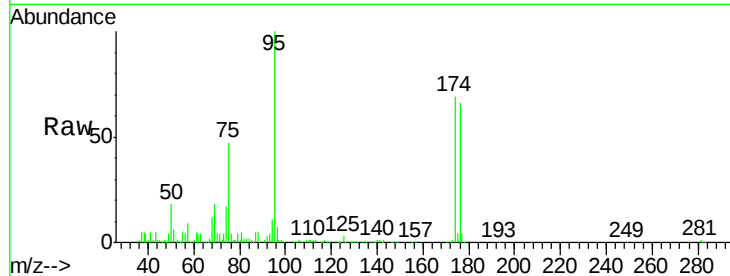




#62  
 4-Bromofluorobenzene  
 Concen: 41.85 ug/l  
 RT: 12.49 min Scan# 1764  
 Delta R.T. 0.00 min  
 Lab File: VY001956.D  
 Acq: 12 Mar 2020 12:05

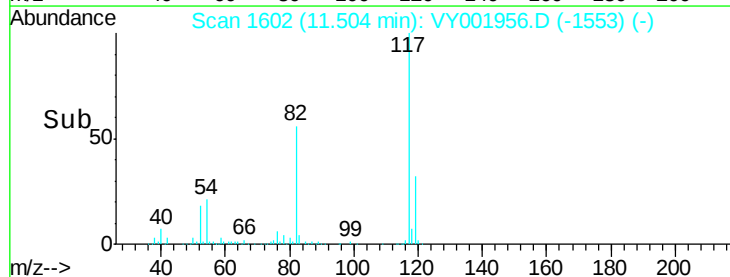
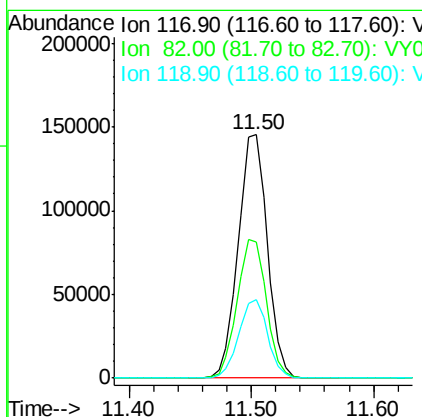
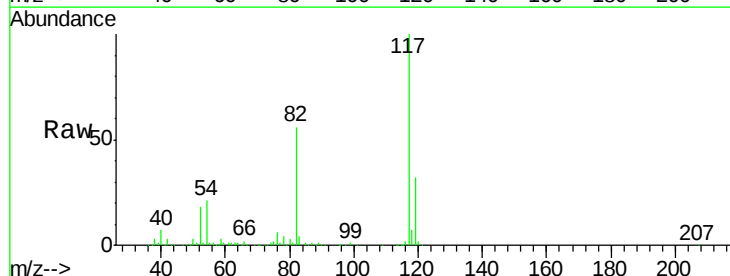
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 HD-01-031120

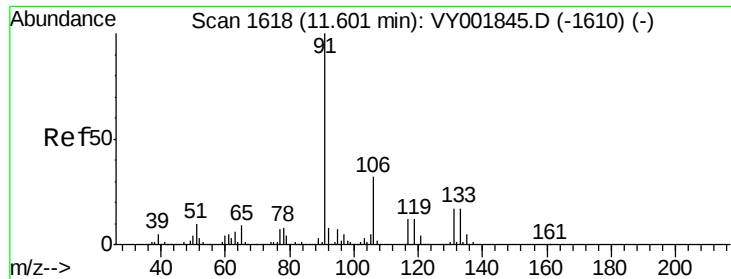
Tgt Ion: 95 Resp: 100871  
 Ion Ratio Lower Upper  
 95 100  
 174 69.4 0.0 145.0  
 176 67.7 0.0 137.4



#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 11.50 min Scan# 1602  
 Delta R.T. 0.00 min  
 Lab File: VY001956.D  
 Acq: 12 Mar 2020 12:05

Tgt Ion: 117 Resp: 239367  
 Ion Ratio Lower Upper  
 117 100  
 82 55.9 44.5 66.7  
 119 32.0 25.7 38.5

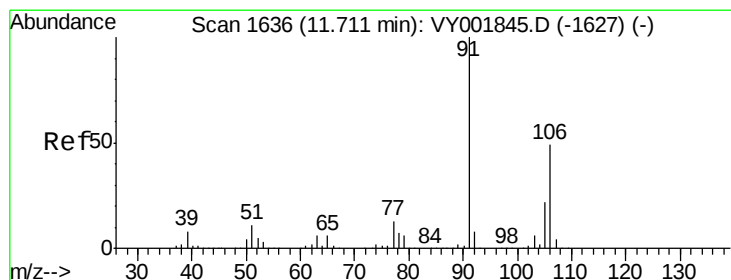
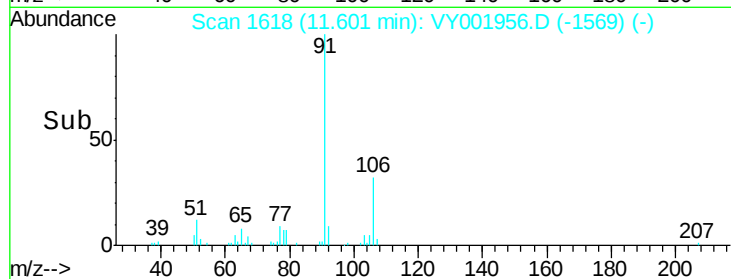
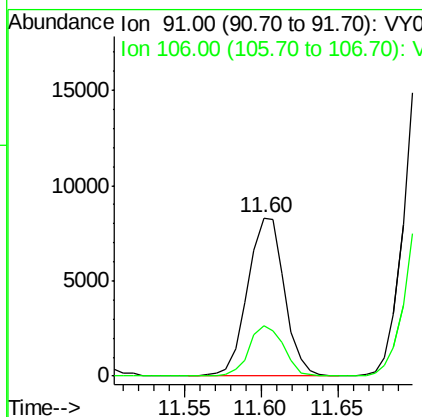
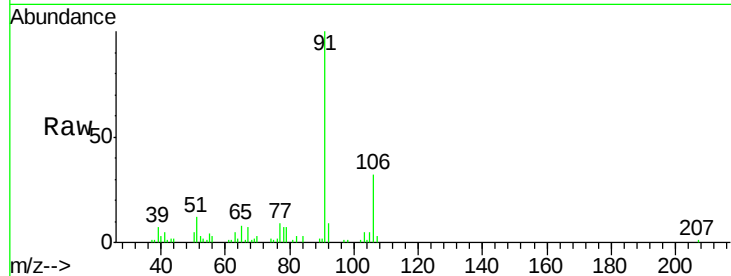




#67  
Ethyl Benzene  
Concen: 1.56 ug/l  
RT: 11.60 min Scan# 1618  
Delta R.T. 0.00 min  
Lab File: VY001956.D  
Acq: 12 Mar 2020 12:05

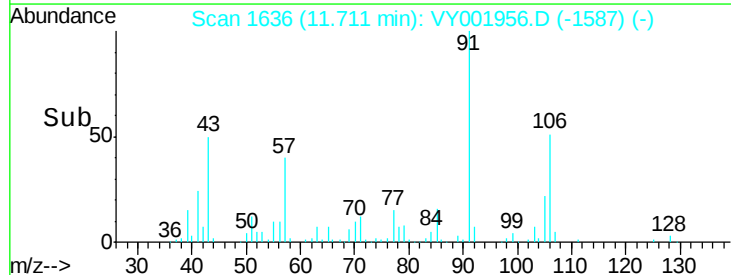
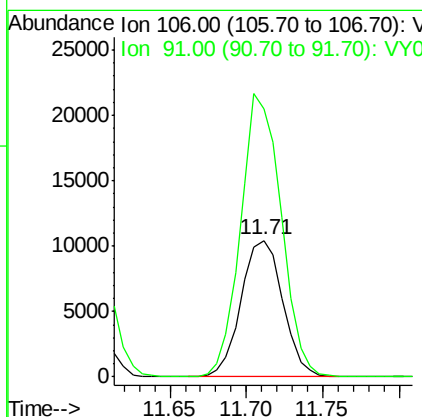
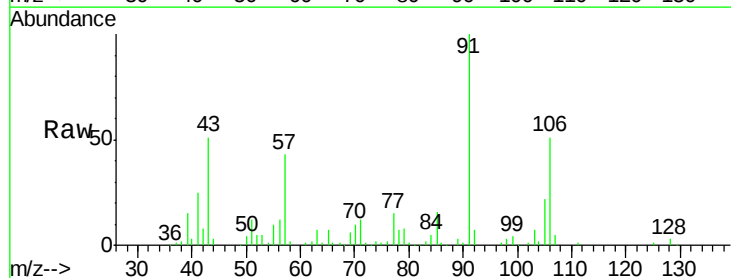
Instrument :  
MSVOA\_Y  
ClientSampleId :  
HD-01-031120

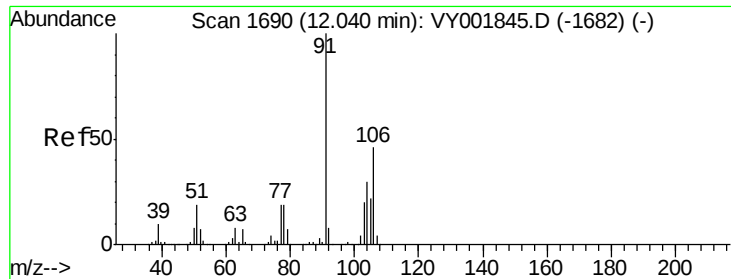
Tgt Ion: 91 Resp: 13870  
Ion Ratio Lower Upper  
91 100  
106 31.9 25.4 38.2



#68  
m/p-Xylenes  
Concen: 6.02 ug/l  
RT: 11.71 min Scan# 1636  
Delta R.T. 0.00 min  
Lab File: VY001956.D  
Acq: 12 Mar 2020 12:05

Tgt Ion: 106 Resp: 19792  
Ion Ratio Lower Upper  
106 100  
91 201.8 161.3 241.9

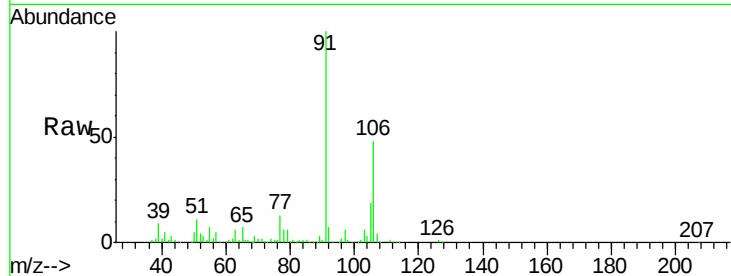




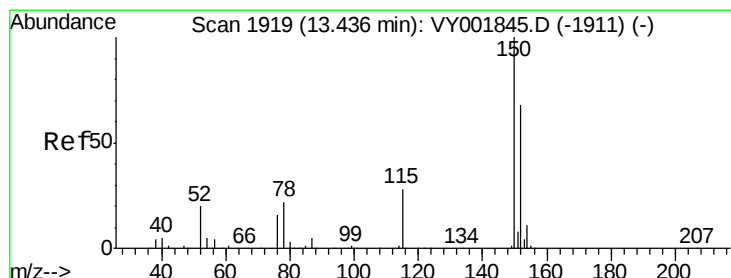
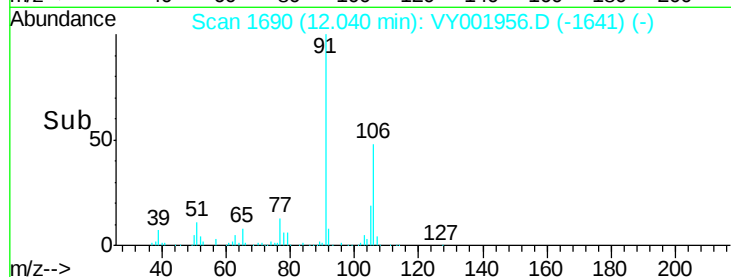
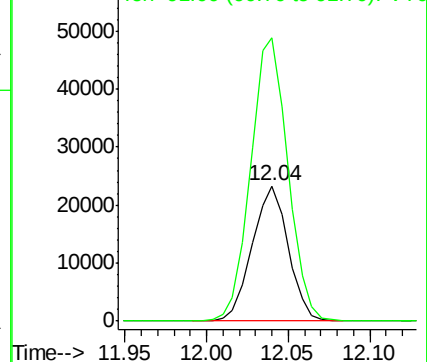
#69  
o-Xylene  
Concen: 11.56 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. 0.00 min  
Lab File: VY001956.D  
Acq: 12 Mar 2020 12:05

Instrument :  
MSVOA\_Y  
ClientSampled :  
HD-01-031120

Tgt Ion:106 Resp: 35839  
Ion Ratio Lower Upper  
106 100  
91 215.9 106.8 320.4

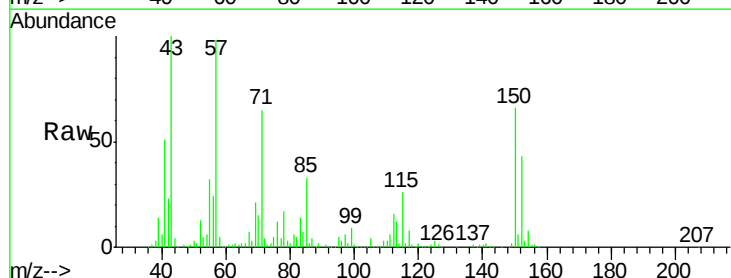


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VY0

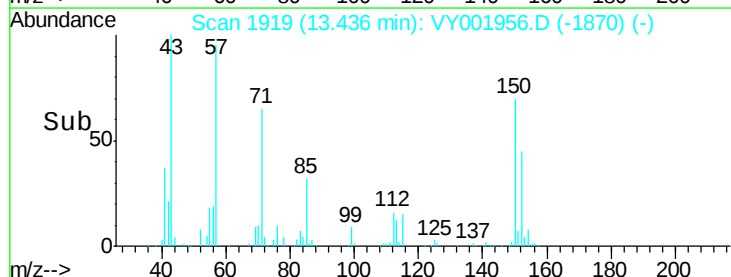
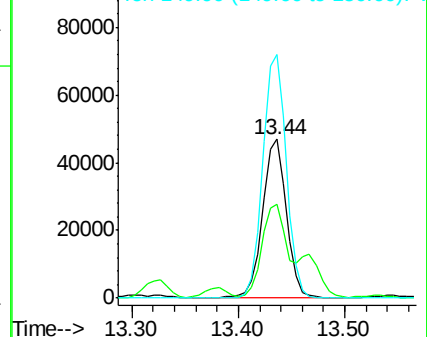


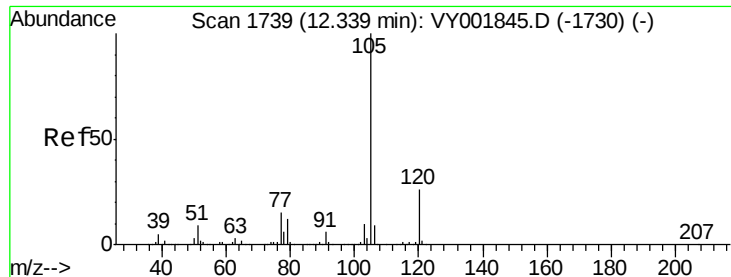
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.44 min Scan# 1919  
Delta R.T. 0.00 min  
Lab File: VY001956.D  
Acq: 12 Mar 2020 12:05

Tgt Ion:152 Resp: 74100  
Ion Ratio Lower Upper  
152 100  
115 60.9 29.9 89.7  
150 150.4 0.0 340.6



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





#73

Isopropylbenzene

Concen: 3.40 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

Instrument :

MSVOA\_Y

ClientSampled :

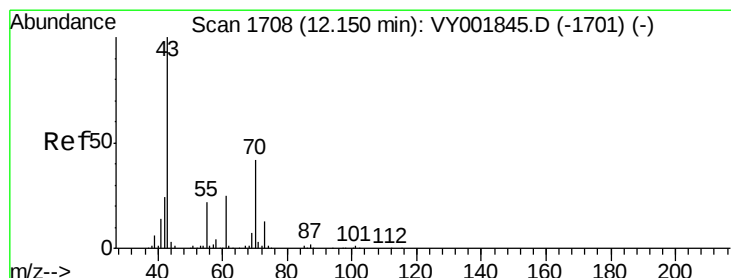
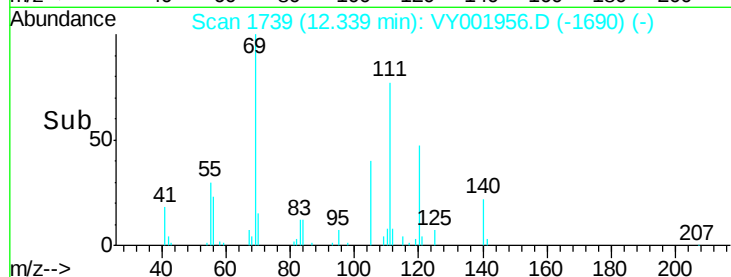
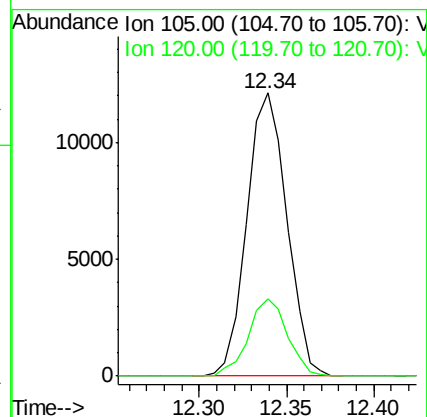
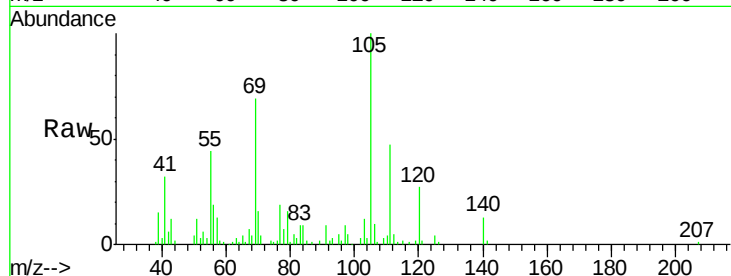
HD-01-031120

Tgt Ion:105 Resp: 19228

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3



#74

N-ethyl acetate

Concen: 8.19 ug/l

RT: 12.13 min Scan# 1705

Delta R.T. -0.02 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

Tgt Ion: 43 Resp: 14230

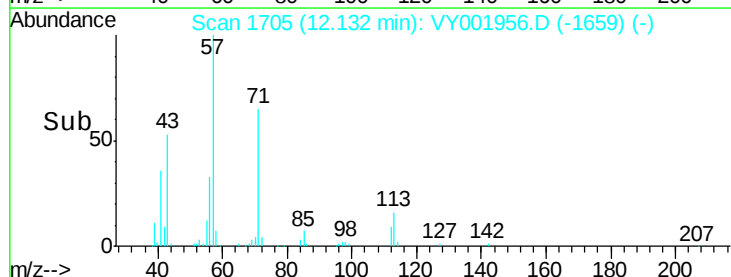
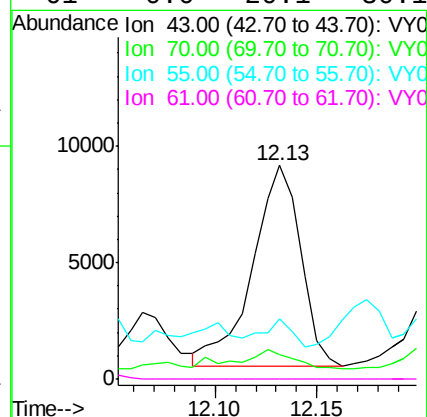
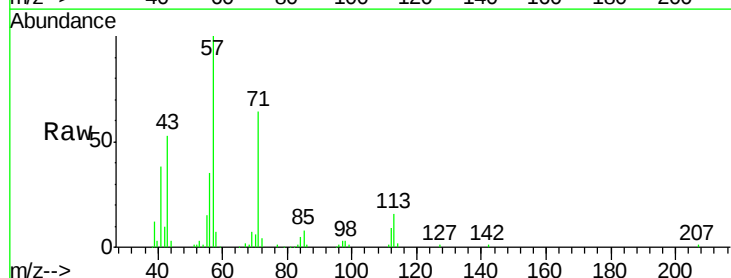
Ion Ratio Lower Upper

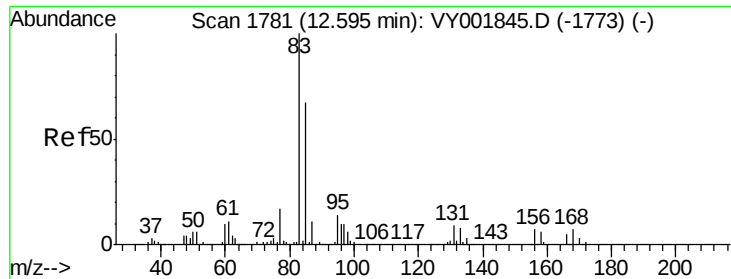
43 100

70 7.5 34.7 52.1#

55 7.9 18.2 27.4#

61 0.0 20.1 30.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 6.41 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.06 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

Instrument :

MSVOA\_Y

ClientSampleId :

HD-01-031120

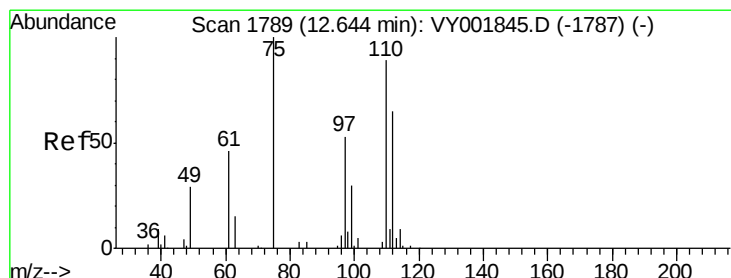
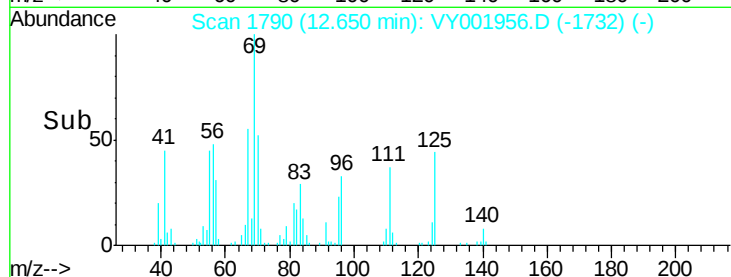
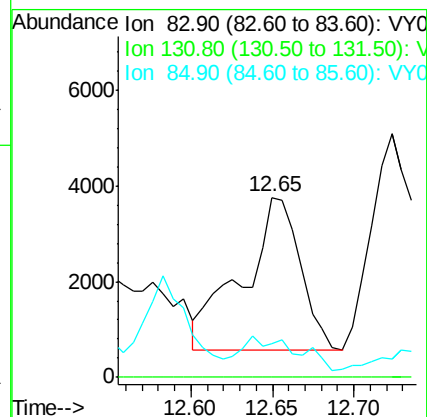
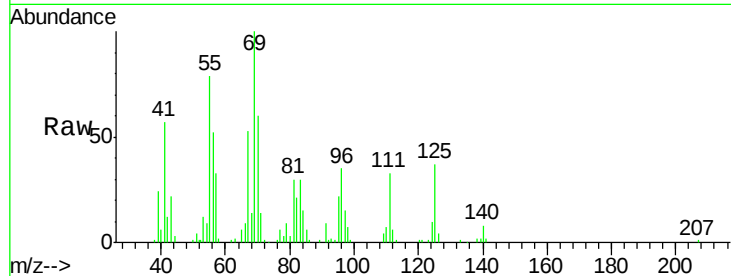
Tgt Ion: 83 Resp: 7825

Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

85 0.0 32.1 96.3#



#76

1,2,3-Trichloropropane

Concen: 4.14 ug/l

RT: 12.74 min Scan# 1805

Delta R.T. 0.10 min

Lab File: VY001956.D

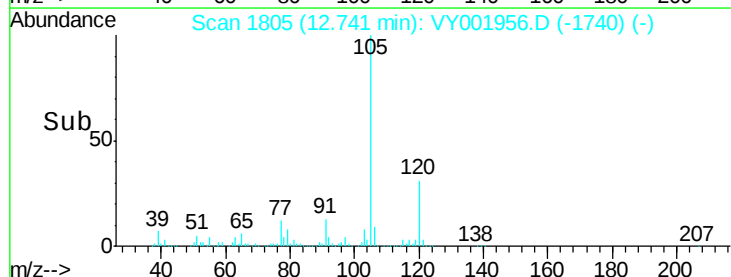
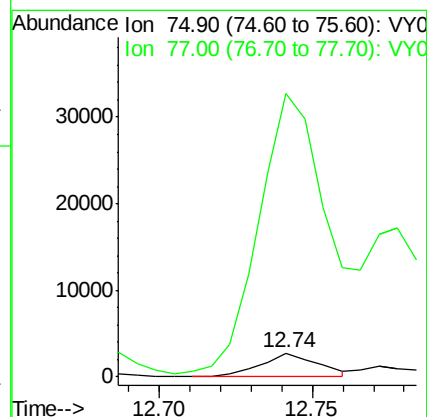
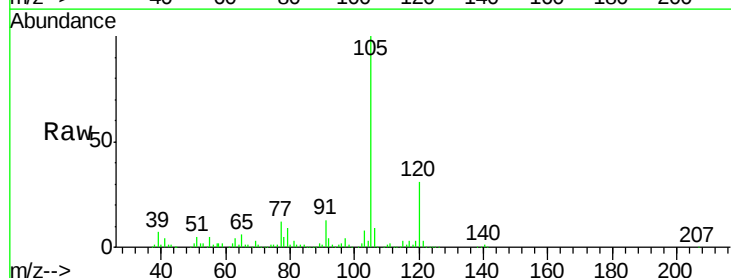
Acq: 12 Mar 2020 12:05

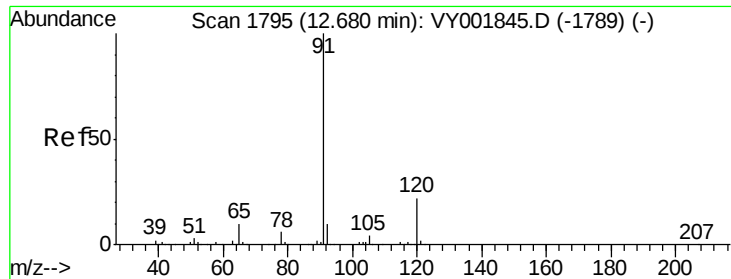
Tgt Ion: 75 Resp: 3640

Ion Ratio Lower Upper

75 100

77 1457.3 0.0 0.0#





#78

n-propylbenzene

Concen: 18.89 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

Instrument :

MSVOA\_Y

ClientSampleId :

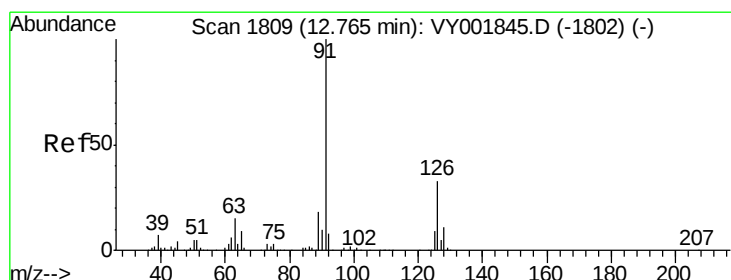
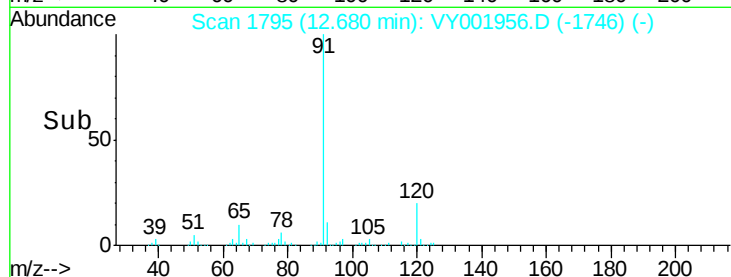
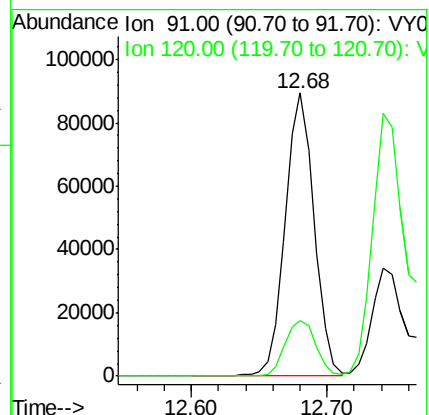
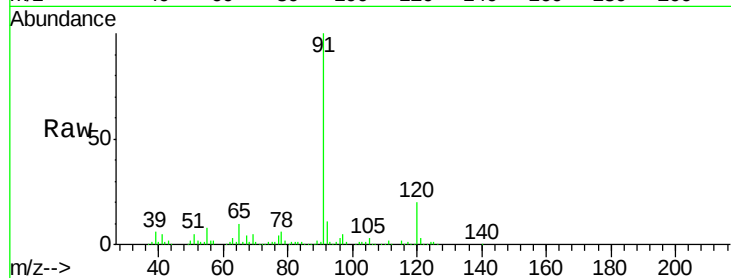
HD-01-031120

Tgt Ion: 91 Resp: 131857

Ion Ratio Lower Upper

91 100

120 21.0 11.0 33.0



#79

2-Chlorotoluene

Concen: 5.20 ug/l

RT: 12.78 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VY001956.D

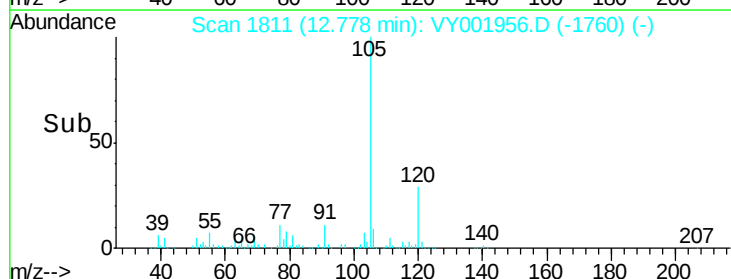
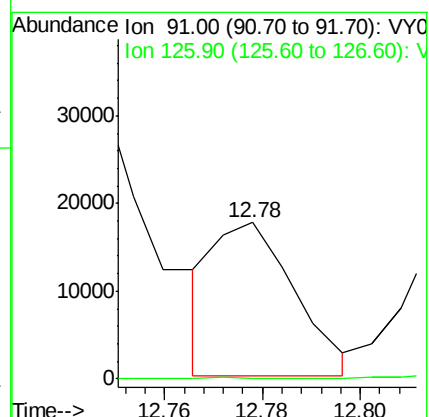
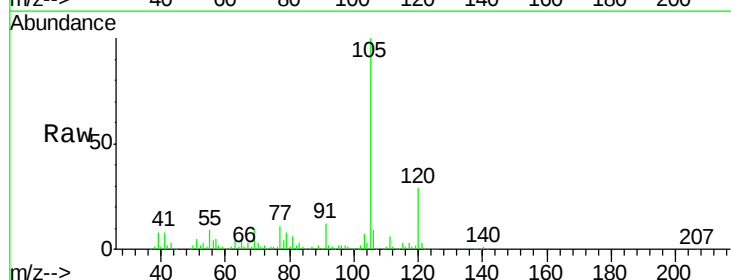
Acq: 12 Mar 2020 12:05

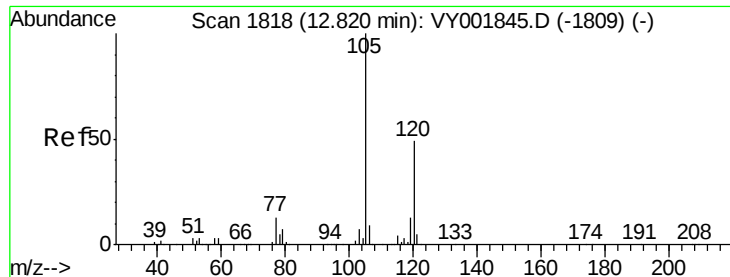
Tgt Ion: 91 Resp: 20060

Ion Ratio Lower Upper

91 100

126 1.5 16.3 48.8#

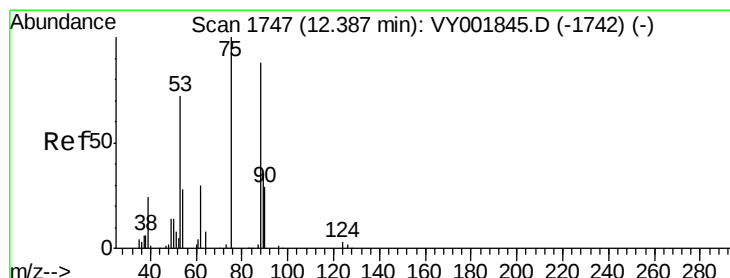
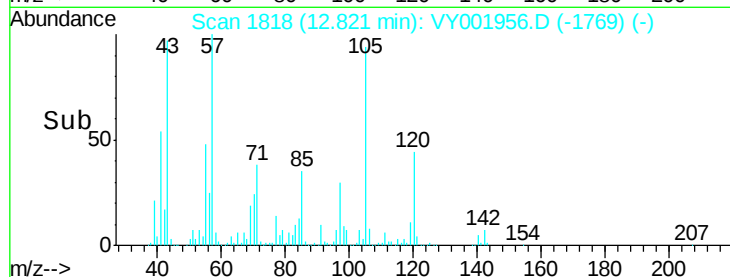
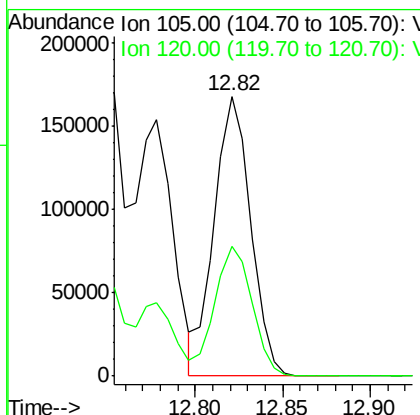
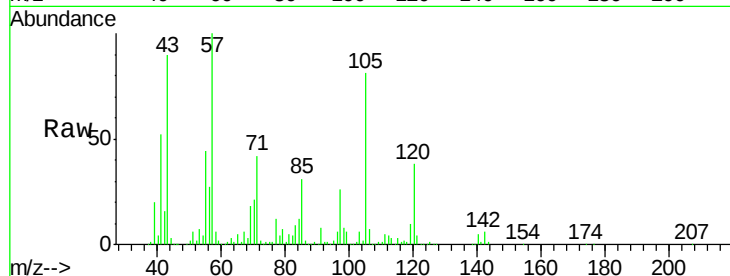




#80  
 1,3,5-Trimethylbenzene  
 Concen: 52.33 ug/l  
 RT: 12.82 min Scan# 1818  
 Delta R.T. 0.00 min  
 Lab File: VY001956.D  
 Acq: 12 Mar 2020 12:05

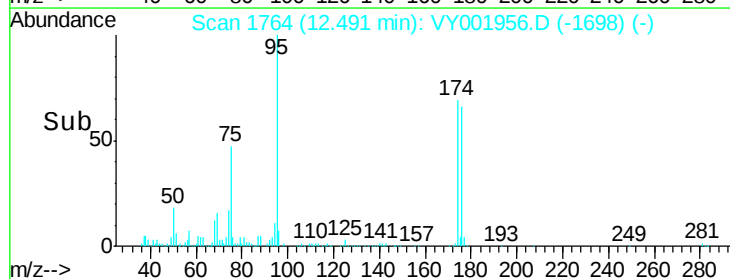
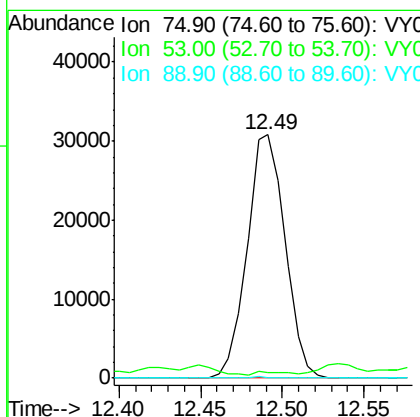
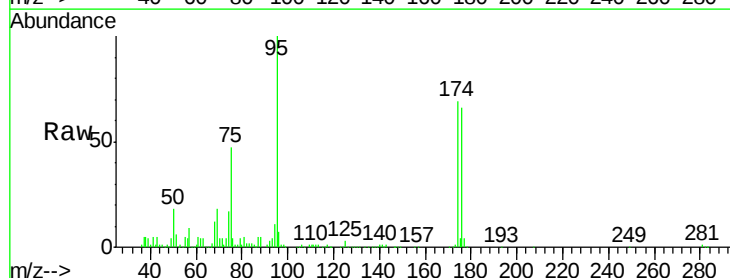
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 HD-01-031120

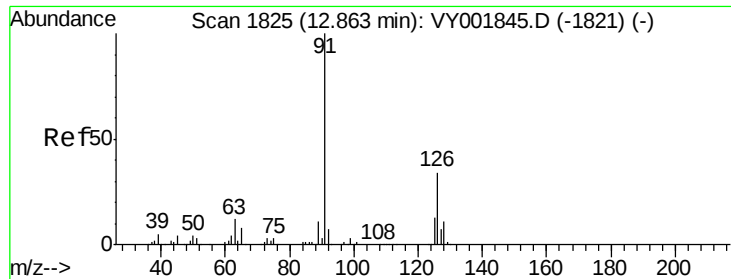
Tgt Ion: 105 Resp: 243670  
 Ion Ratio Lower Upper  
 105 100  
 120 47.8 24.4 73.2



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 114.66 ug/l  
 RT: 12.49 min Scan# 1764  
 Delta R.T. 0.10 min  
 Lab File: VY001956.D  
 Acq: 12 Mar 2020 12:05

Tgt Ion: 75 Resp: 49909  
 Ion Ratio Lower Upper  
 75 100  
 53 1.0 65.4 98.0#  
 89 0.0 36.0 54.0#

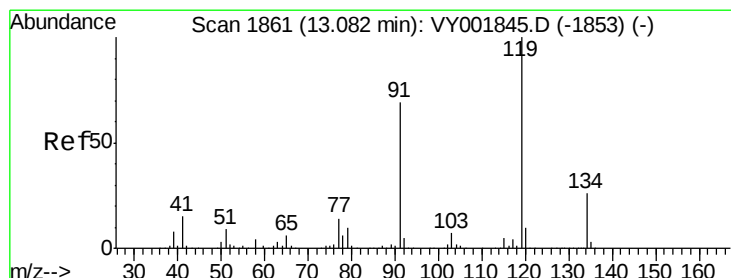
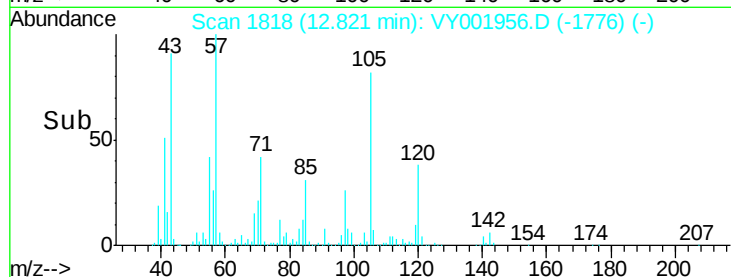
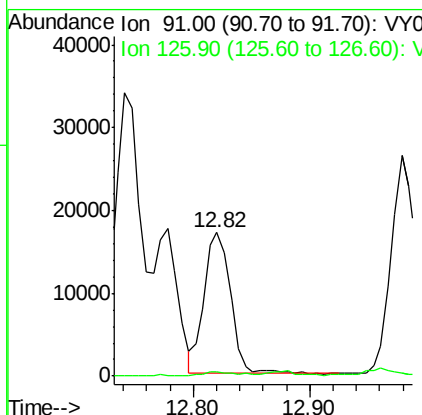
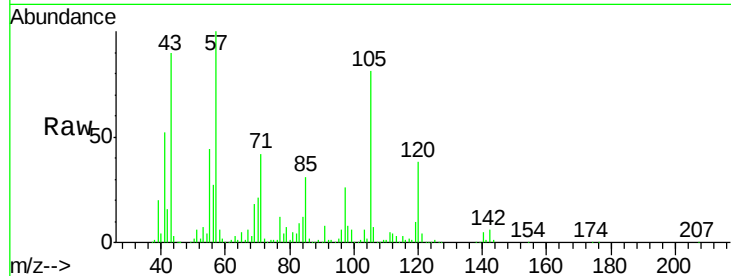




#82  
4-Chlorotoluene  
Concen: 6.69 ug/l  
RT: 12.82 min Scan# 1818  
Delta R.T. -0.04 min  
Lab File: VY001956.D  
Acq: 12 Mar 2020 12:05

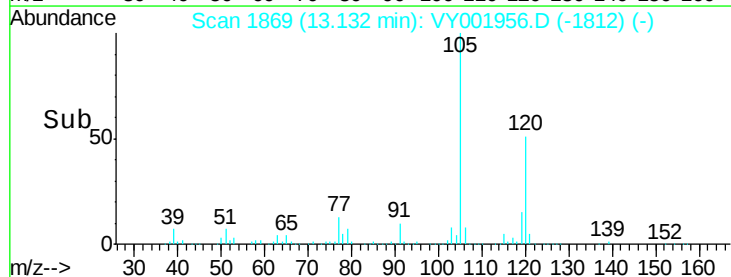
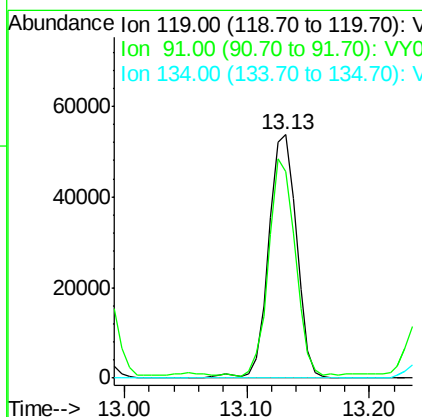
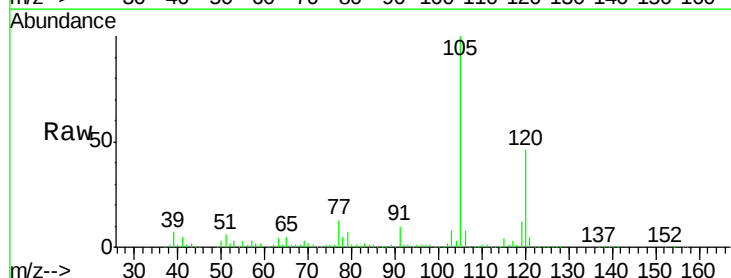
Instrument :  
MSVOA\_Y  
ClientSampleId :  
HD-01-031120

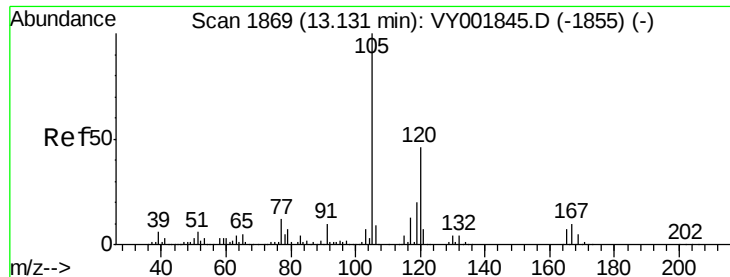
Tgt Ion: 91 Resp: 26861  
Ion Ratio Lower Upper  
91 100  
126 3.8 16.4 49.2#



#83  
tert-Butylbenzene  
Concen: 21.96 ug/l  
RT: 13.13 min Scan# 1869  
Delta R.T. 0.05 min  
Lab File: VY001956.D  
Acq: 12 Mar 2020 12:05

Tgt Ion: 119 Resp: 84924  
Ion Ratio Lower Upper  
119 100  
91 84.3 34.0 101.8  
134 0.0 13.5 40.4#

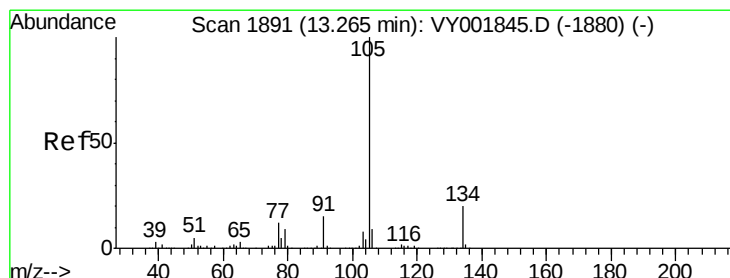
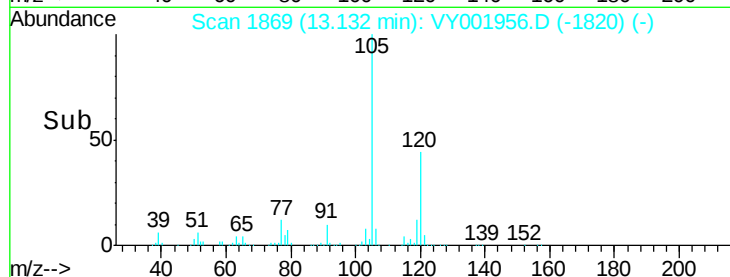
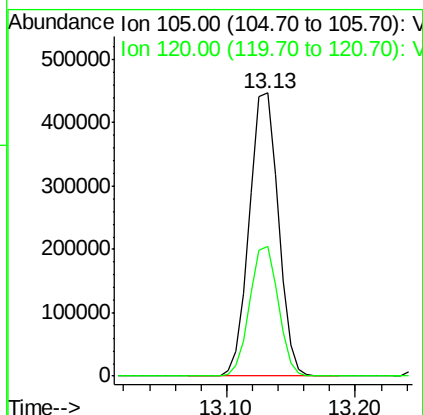
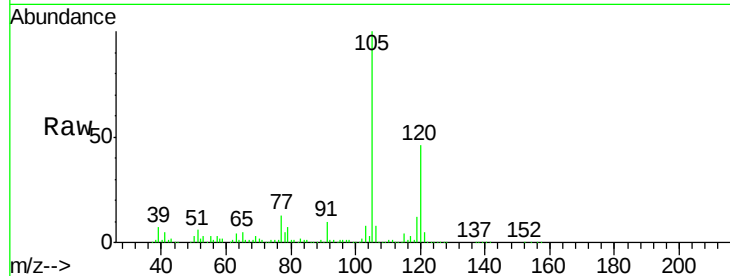




#84  
 1,2,4-Trimethylbenzene  
 Concen: 149.38 ug/l  
 RT: 13.13 min Scan# 1869  
 Delta R.T. 0.00 min  
 Lab File: VY001956.D  
 Acq: 12 Mar 2020 12:05

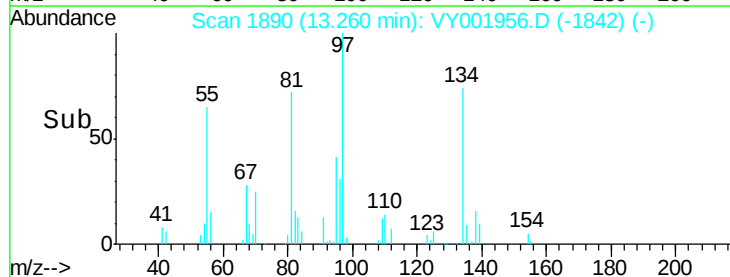
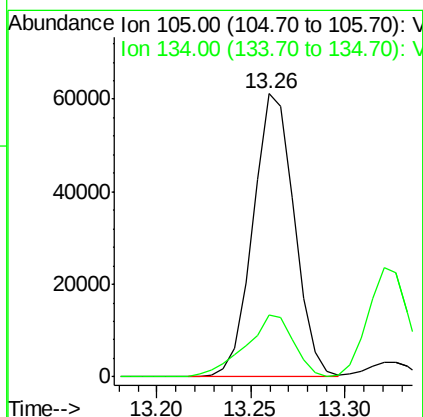
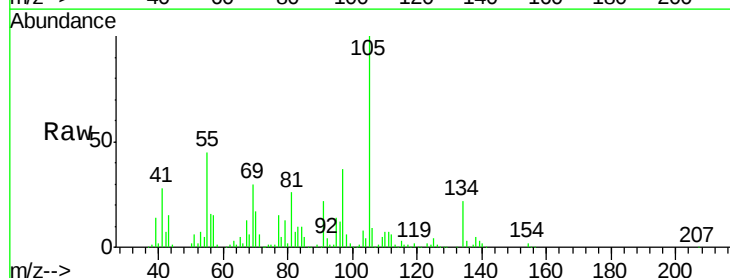
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 HD-01-031120

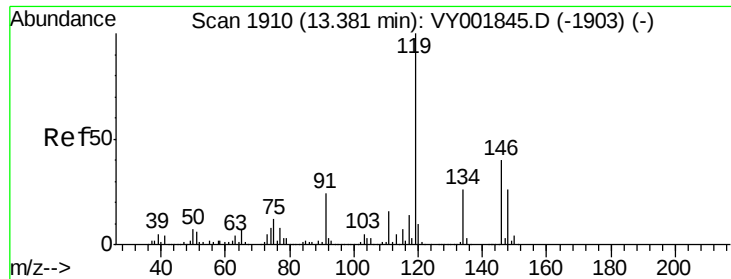
Tgt Ion:105 Resp: 690358  
 Ion Ratio Lower Upper  
 105 100  
 120 45.3 22.6 67.7



#85  
 sec-Butylbenzene  
 Concen: 16.17 ug/l  
 RT: 13.26 min Scan# 1890  
 Delta R.T. -0.01 min  
 Lab File: VY001956.D  
 Acq: 12 Mar 2020 12:05

Tgt Ion:105 Resp: 92163  
 Ion Ratio Lower Upper  
 105 100  
 134 25.7 9.7 29.1

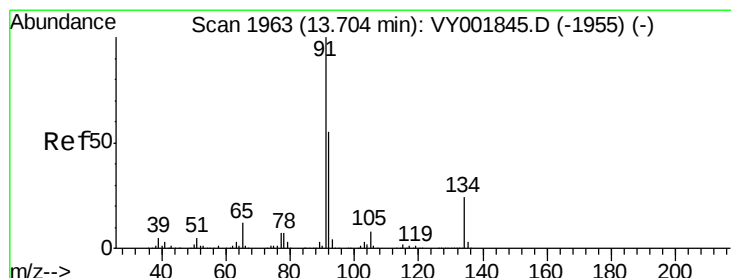
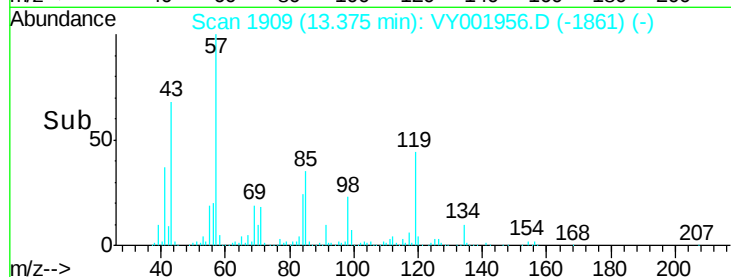
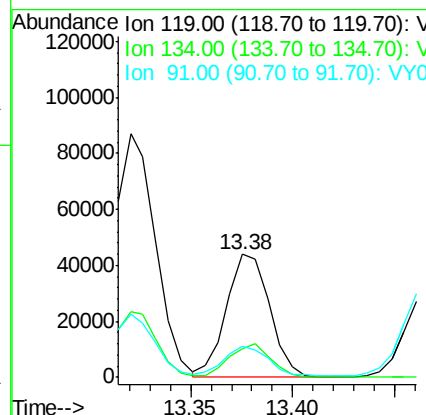
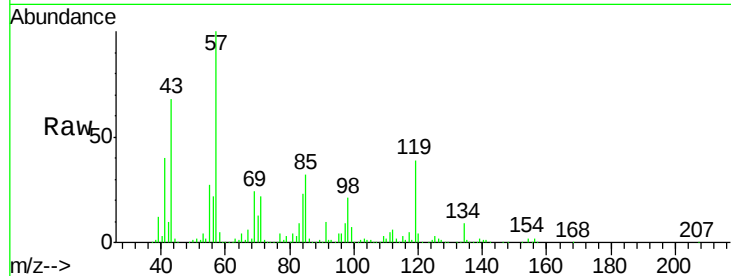




#86  
p-Isopropyltoluene  
Concen: 13.13 ug/l  
RT: 13.38 min Scan# 1909  
Delta R.T. -0.01 min  
Lab File: VY001956.D  
Acq: 12 Mar 2020 12:05

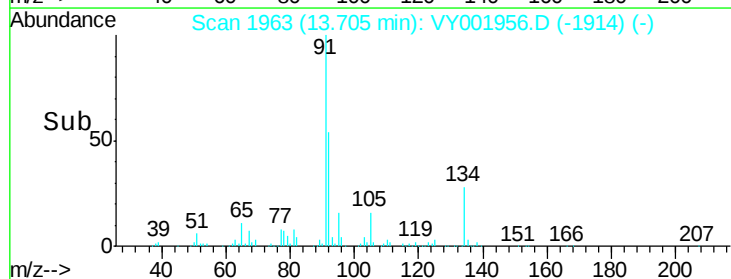
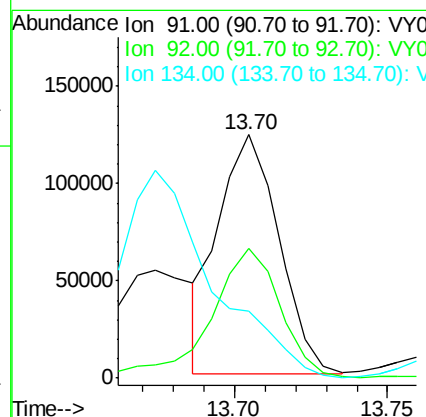
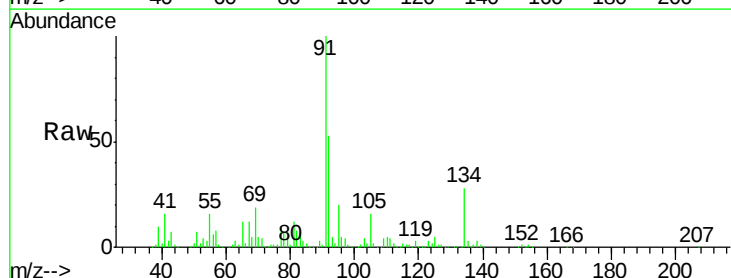
Instrument :  
MSVOA\_Y  
ClientSampleId :  
HD-01-031120

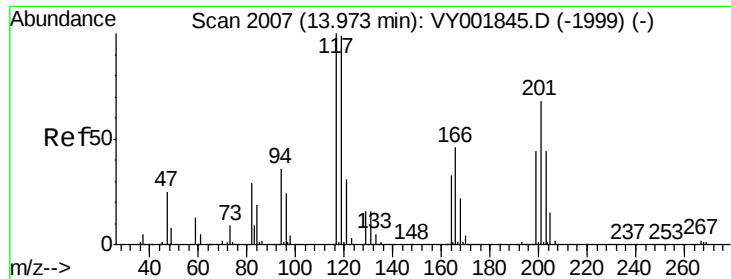
Tgt Ion: 119 Resp: 64551  
Ion Ratio Lower Upper  
119 100  
134 26.3 13.1 39.3  
91 24.4 11.9 35.7



#89  
n-Butylbenzene  
Concen: 32.94 ug/l  
RT: 13.70 min Scan# 1963  
Delta R.T. 0.00 min  
Lab File: VY001956.D  
Acq: 12 Mar 2020 12:05

Tgt Ion: 91 Resp: 168069  
Ion Ratio Lower Upper  
91 100  
92 61.8 27.5 82.4  
134 0.0 12.5 37.5#





#90

Hexachloroethane

Concen: 39.42 ug/l

RT: 13.98 min Scan# 2008

Delta R.T. 0.01 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

Instrument :

MSVOA\_Y

ClientSampleId :

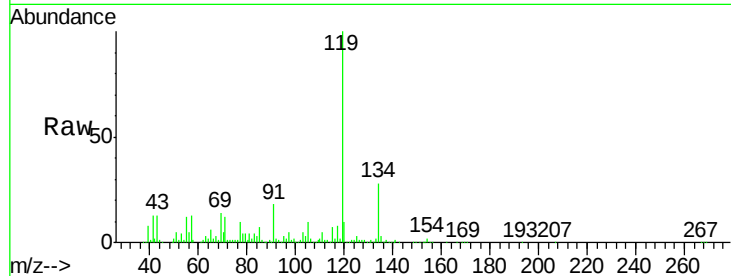
HD-01-031120

Tgt Ion: 117 Resp: 36574

Ion Ratio Lower Upper

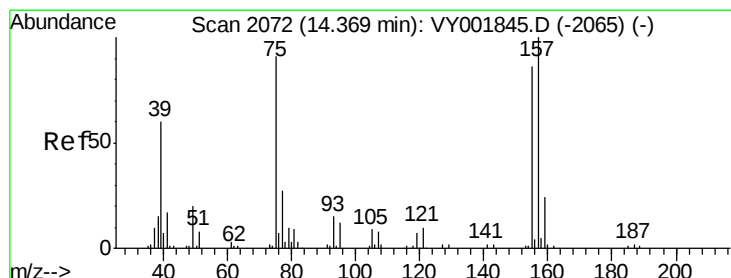
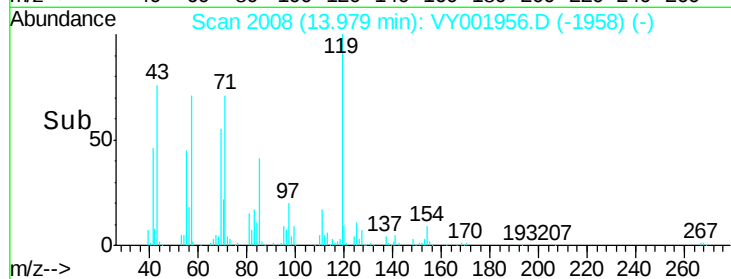
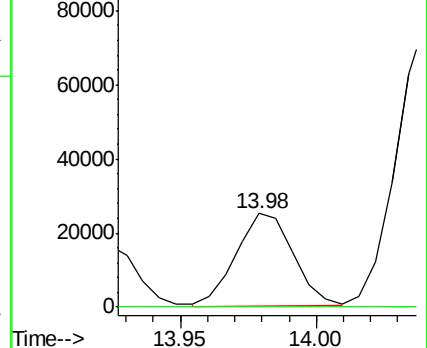
117 100

201 0.0 32.5 97.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 7.06 ug/l

RT: 14.39 min Scan# 2075

Delta R.T. 0.02 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

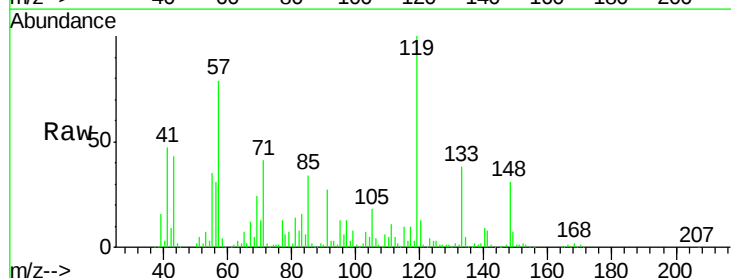
Tgt Ion: 75 Resp: 1343

Ion Ratio Lower Upper

75 100

155 62.5 42.9 128.7

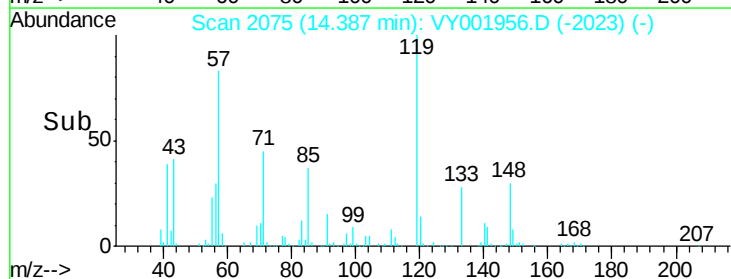
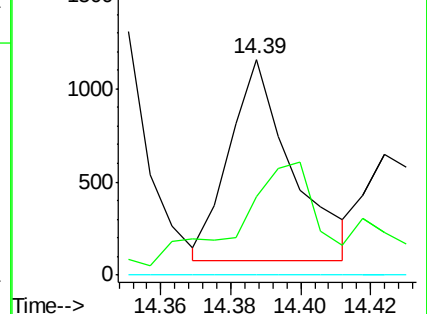
157 0.0 53.1 159.4#

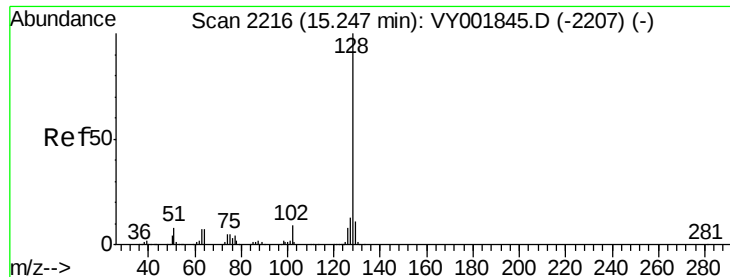


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 39.86 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

Instrument :

MSVOA\_Y

ClientSampleId :

HD-01-031120

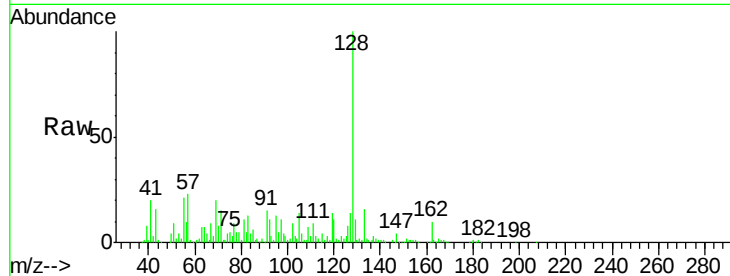
Tgt Ion:128 Resp: 130807

Ion Ratio Lower Upper

128 100

127 15.2 10.1 15.1#

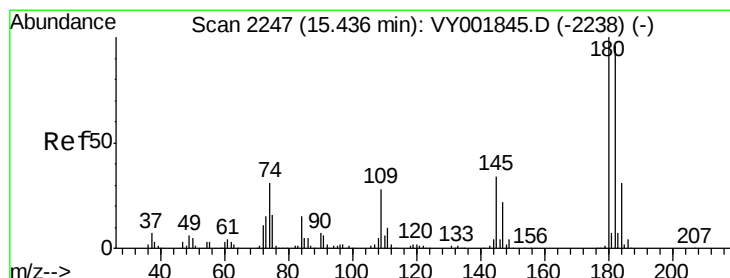
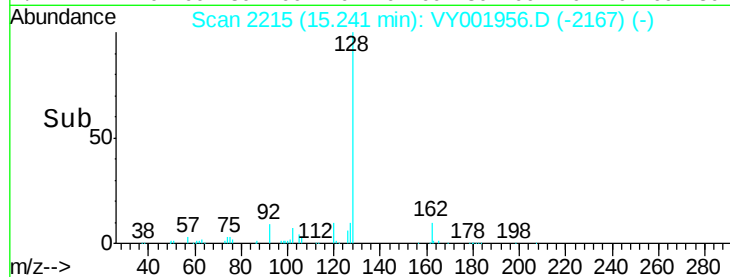
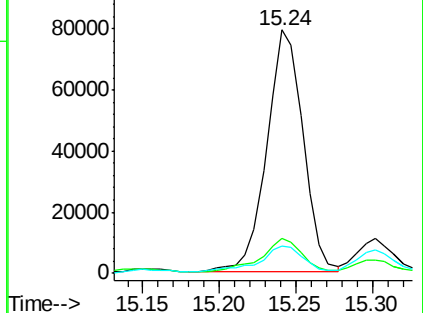
129 12.7 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 1.89 ug/l

RT: 15.45 min Scan# 2250

Delta R.T. 0.02 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

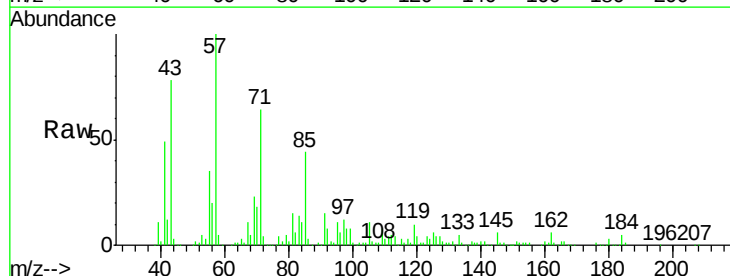
Tgt Ion:180 Resp: 2309

Ion Ratio Lower Upper

180 100

182 0.0 47.6 142.9#

145 1059.6 16.8 50.3#



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

