

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\  
 Data File : VY002586.D  
 Acq On : 05 May 2020 15:06  
 Operator : SY/MD  
 Sample : L2457-02RE  
 Misc : 5.04G/5ML/MSVOA Y/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: May 06 03:19:55 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y043020S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon May 04 12:22:08 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 96629    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.70  | 114  | 146143   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 88581    | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 14975    | 50.00 | ug/l  | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.15  | 65   | 43627    | 53.70 | ug/l    | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 107.40% |          |
| 35) Dibromofluoromethane    | 7.73  | 113  | 45729    | 54.71 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 109.42% |          |
| 50) Toluene-d8              | 10.18 | 98   | 146293   | 44.82 | ug/l    | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 89.64%  |          |
| 62) 4-Bromofluorobenzene    | 12.48 | 95   | 25377    | 22.91 | ug/l    | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 45.82%  |          |

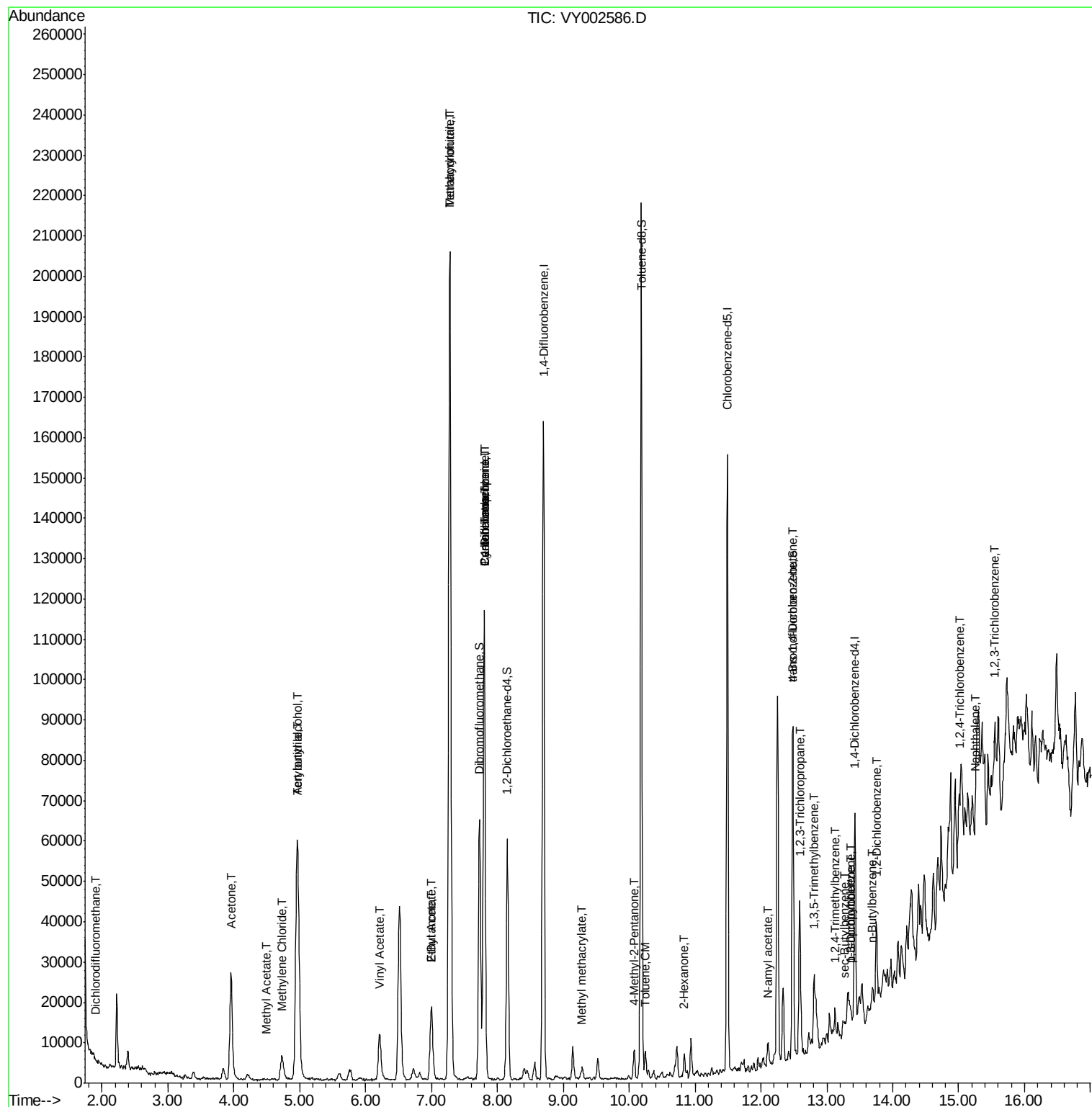
| Target Compounds               | R.T.  | QIon | Response | Conc     | Units  | Qvalue |
|--------------------------------|-------|------|----------|----------|--------|--------|
| 2) Dichlorodifluoromethane     | 1.91  | 85   | 97       | 1.902    | ug/l # | 43     |
| 11) Tert butyl alcohol         | 4.97  | 59   | 130757   | 1564.273 | ug/l   | 99     |
| 15) Acrylonitrile              | 4.97  | 53   | 1108     | 4.990    | ug/l # | 20     |
| 16) Acetone                    | 3.96  | 43   | 42684    | 254.561  | ug/l   | 100    |
| 18) Methyl Acetate             | 4.49  | 43   | 630      | 1.124    | ug/l # | 48     |
| 20) Methylene Chloride         | 4.74  | 84   | 4796     | 5.115    | ug/l   | 95     |
| 23) Vinyl Acetate              | 6.22  | 43   | 2047     | 1.327    | ug/l # | 69     |
| 25) 2-Butanone                 | 7.00  | 43   | 20913    | 76.192   | ug/l   | 98     |
| 29) Tetrahydrofuran            | 7.27  | 42   | 22740    | 125.221  | ug/l # | 31     |
| 31) Cyclohexane                | 7.80  | 56   | 1669     | 1.143    | ug/l # | 7      |
| 36) 1,1-Dichloropropene        | 7.80  | 75   | 6568     | 5.361    | ug/l # | 50     |
| 37) Ethyl Acetate              | 7.00  | 43   | 20913    | 33.218   | ug/l # | 68     |
| 38) Carbon Tetrachloride       | 7.80  | 117  | 8480     | 6.340    | ug/l # | 19     |
| 41) Methacrylonitrile          | 7.28  | 41   | 101051   | 298.528  | ug/l # | 36     |
| 48) Methyl methacrylate        | 9.27  | 41   | 642      | 1.202    | ug/l # | 31     |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 5045     | 8.293    | ug/l   | 100    |
| 52) Toluene                    | 10.25 | 92   | 2846     | 1.252    | ug/l   | 93     |
| 59) 2-Hexanone                 | 10.83 | 43   | 3586     | 8.564    | ug/l   | 87     |
| 74) N-amyl acetate             | 12.11 | 43   | 3841     | 16.452   | ug/l # | 51     |
| 76) 1,2,3-Trichloropropane     | 12.58 | 75   | 880      | 6.613    | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 972      | 1.208    | ug/l   | 83     |
| 81) trans-1,4-Dichloro-2-buten | 12.48 | 75   | 11833    | 178.298  | ug/l # | 16     |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 2982     | 3.719    | ug/l   | 90     |
| 85) sec-Butylbenzene           | 13.25 | 105  | 2066     | 2.111    | ug/l   | 99     |
| 86) p-Isopropyltoluene         | 13.38 | 119  | 1111     | 1.211    | ug/l # | 66     |
| 87) 1,3-Dichlorobenzene        | 13.36 | 146  | 586      | 1.277    | ug/l # | 68     |
| 89) n-Butylbenzene             | 13.70 | 91   | 1344     | 1.610    | ug/l # | 67     |
| 91) 1,2-Dichlorobenzene        | 13.75 | 146  | 438      | 1.070    | ug/l # | 64     |
| 93) 1,2,4-Trichlorobenzene     | 15.02 | 180  | 309      | 1.039    | ug/l # | 1      |
| 95) Naphthalene                | 15.24 | 128  | 2617     | 4.825    | ug/l # | 74     |
| 96) 1,2,3-Trichlorobenzene     | 15.56 | 180  | 473      | 1.874    | ug/l   | 80     |

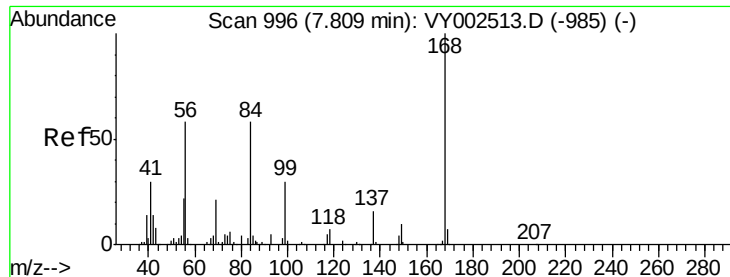
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050520\  
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Sample : L2457-02RE  
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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: May 06 03:19:55 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y043020S.M  
Quant Title : SW846 8260  
QLast Update : Mon May 04 12:22:08 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002586.D

Acq: 05 May 2020 15:06

Instrument :

MSVOA\_Y

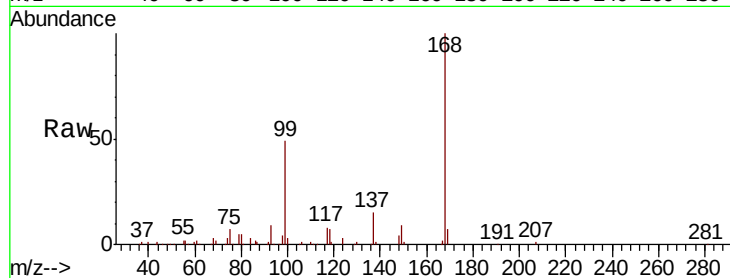
ClientSampleId :

Tot Ion:168 Resp: 96629

Ion Ratio Lower Upper

168 100

99 48.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

40000

30000

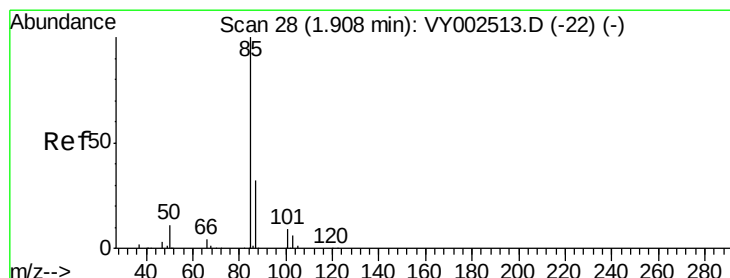
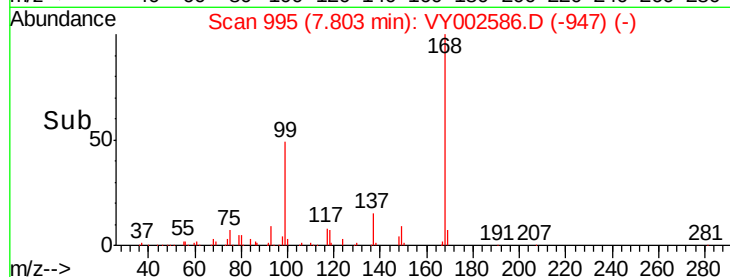
20000

10000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 1.902 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002586.D

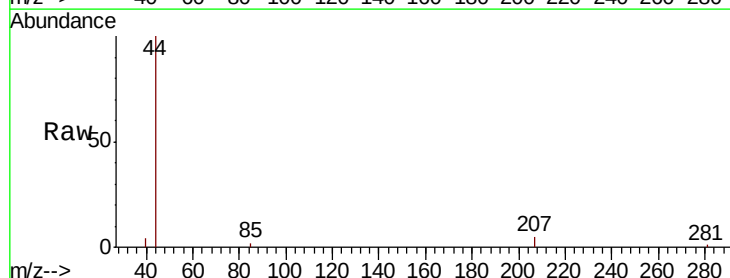
Acq: 05 May 2020 15:06

Tgt Ion: 85 Resp: 97

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

120

100

80

60

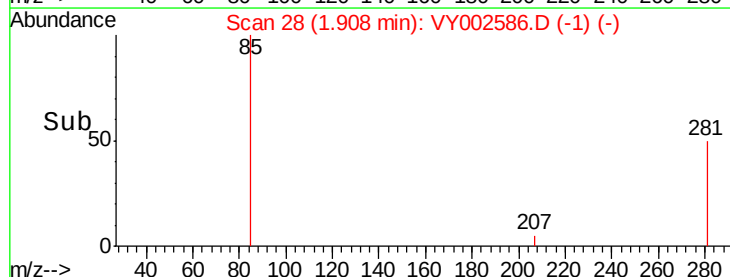
40

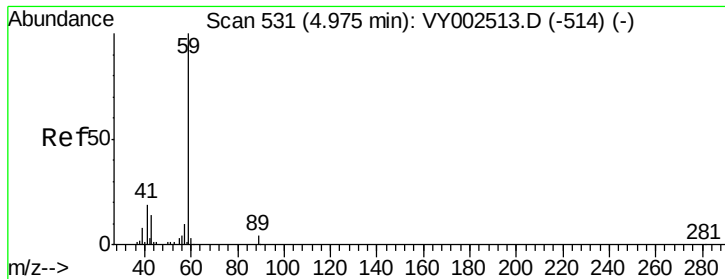
20

0

1.88 1.90 1.92

Time-->



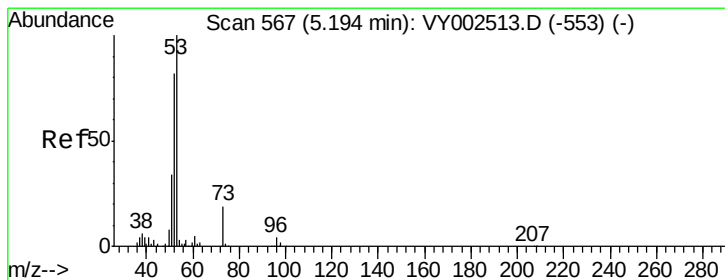
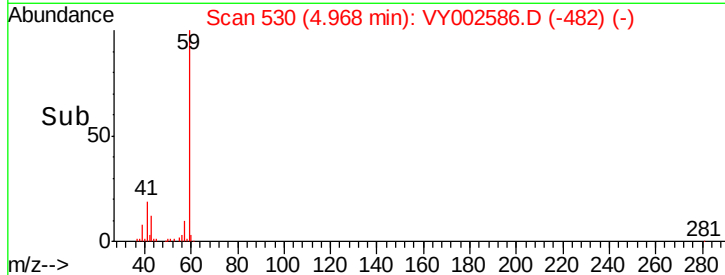
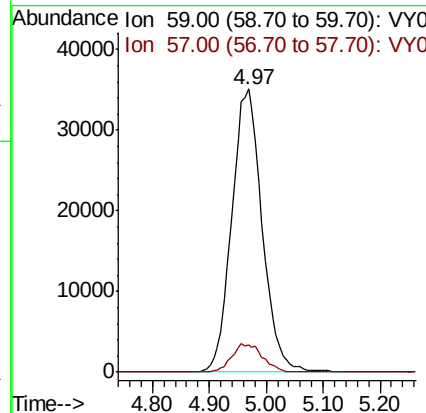
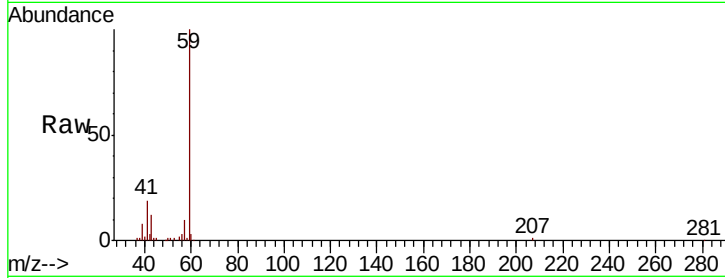


#11

Tert butyl alcohol  
 Concen: 1564.273 ug/l  
 RT: 4.97 min Scan# 530  
 Delta R.T. -0.01 min  
 Lab File: VY002586.D  
 Acq: 05 May 2020 15:06

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

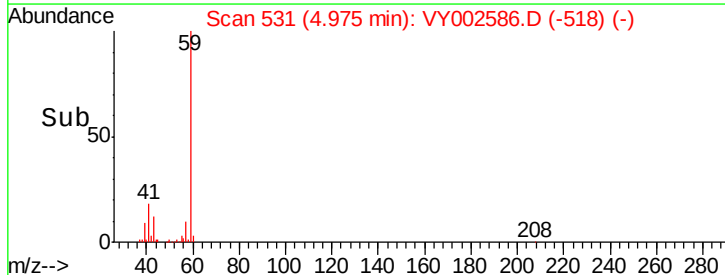
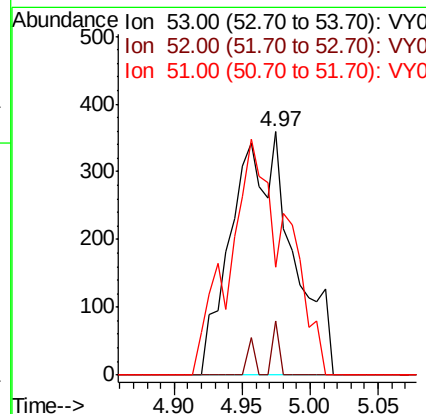
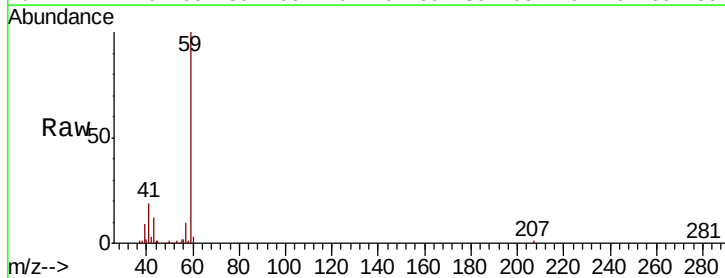
Tot Ion: 59 Resp: 130757  
 Ion Ratio Lower Upper  
 59 100  
 57 10.1 7.8 11.6

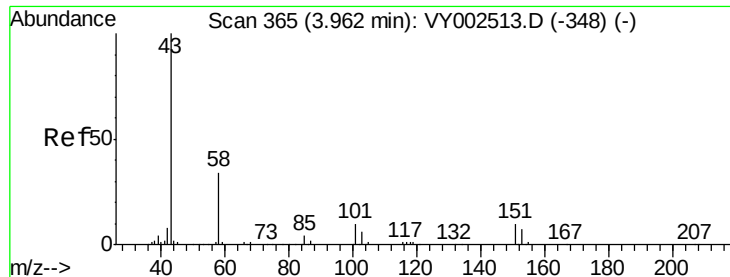


#15

Acrylonitrile  
 Concen: 4.990 ug/l  
 RT: 4.97 min Scan# 531  
 Delta R.T. -0.22 min  
 Lab File: VY002586.D  
 Acq: 05 May 2020 15:06

Tgt Ion: 53 Resp: 1108  
 Ion Ratio Lower Upper  
 53 100  
 52 2.6 65.4 98.0#  
 51 0.0 28.7 43.1#





#16

Acetone

Concen: 254.561 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002586.D

Acq: 05 May 2020 15:06

Instrument :

MSVOA\_Y

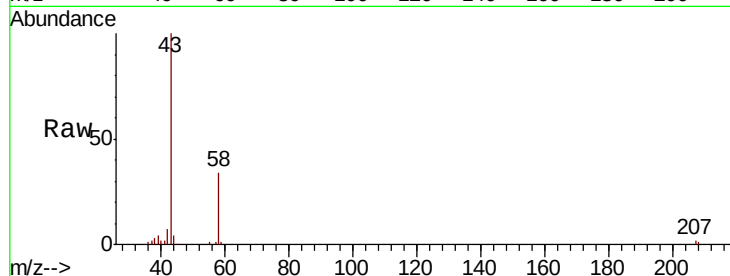
ClientSampleId :

Tot Ion: 43 Resp: 42684

Ion Ratio Lower Upper

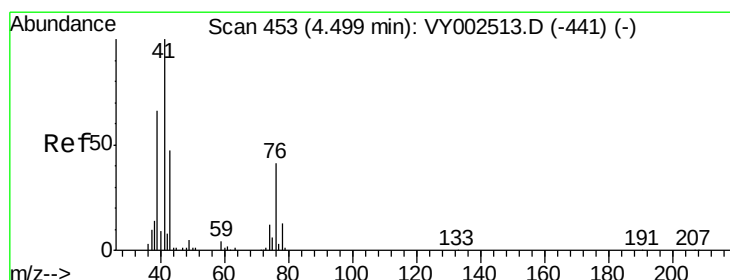
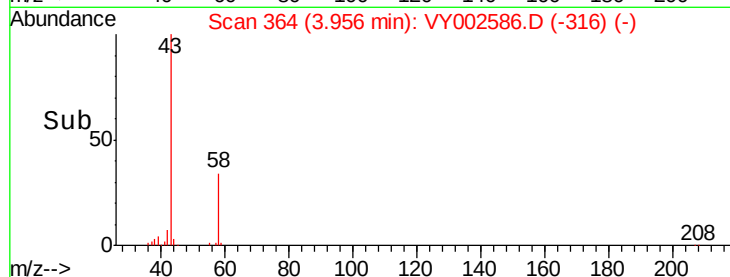
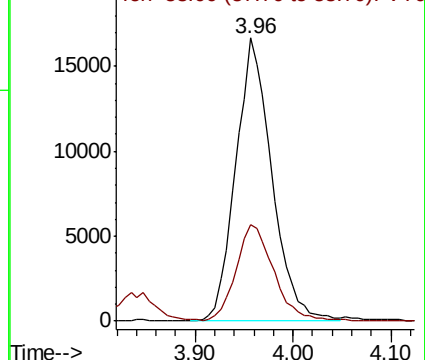
43 100

58 33.5 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#18

Methyl Acetate

Concen: 1.124 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002586.D

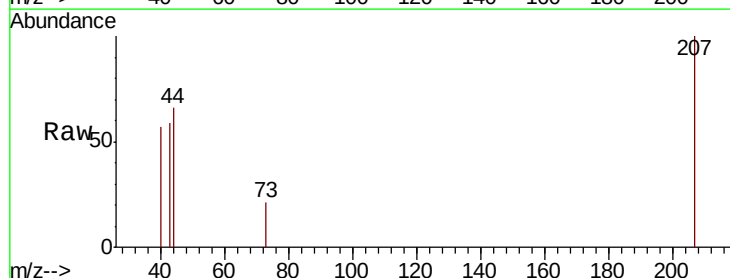
Acq: 05 May 2020 15:06

Tgt Ion: 43 Resp: 630

Ion Ratio Lower Upper

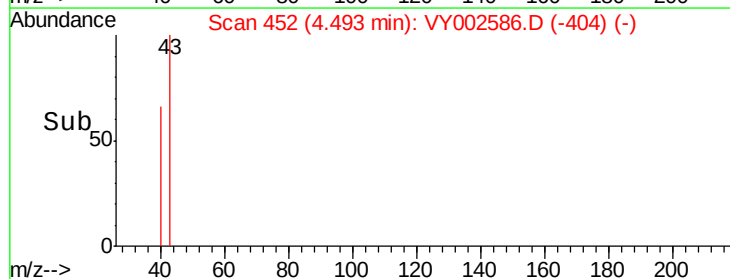
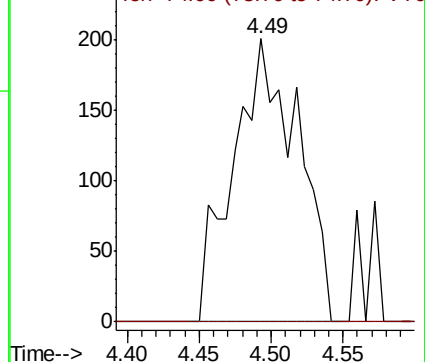
43 100

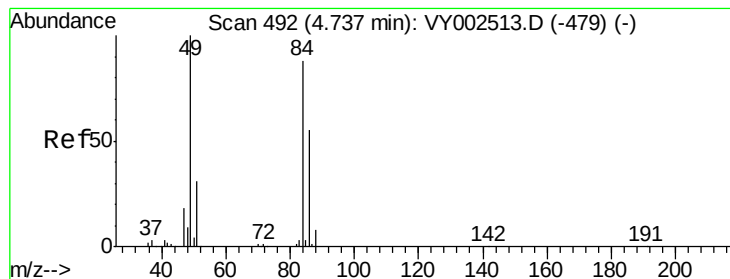
74 0.0 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#20

Methvlene Chloride

Concen: 5.115 ug/l

RT: 4.74 min Scan# 492

Delta R.T. 0.00 min

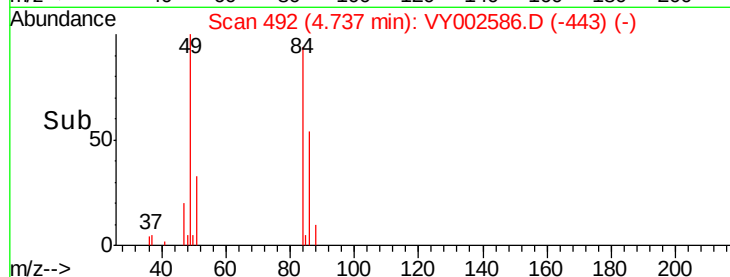
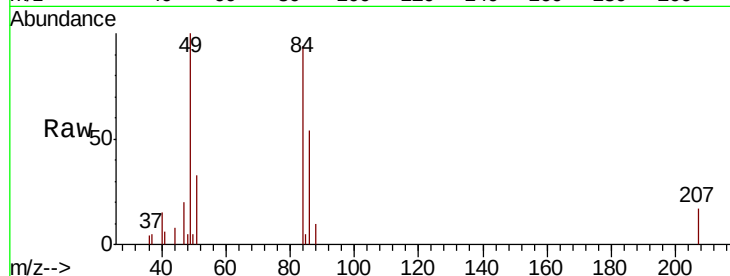
Lab File: VY002586.D

Acq: 05 May 2020 15:06

Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion: 84 Resp: 4796

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 106.3 | 90.5  | 135.7 |
| 51  | 35.4  | 28.3  | 42.5  |
| 86  | 57.3  | 49.9  | 74.9  |

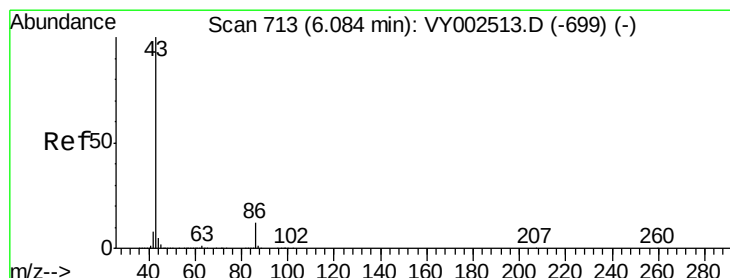


Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#23

Vinyl Acetate

Concen: 1.327 ug/l

RT: 6.22 min Scan# 735

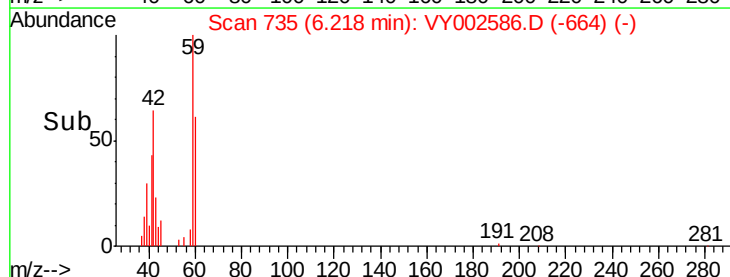
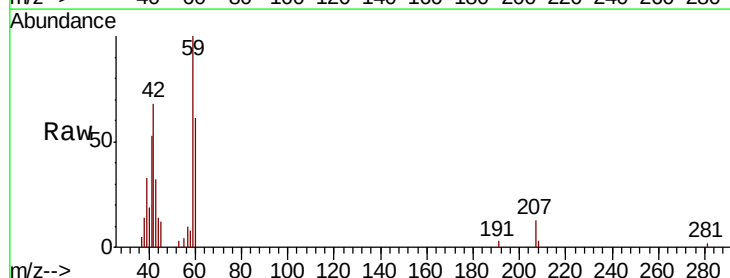
Delta R.T. 0.13 min

Lab File: VY002586.D

Acq: 05 May 2020 15:06

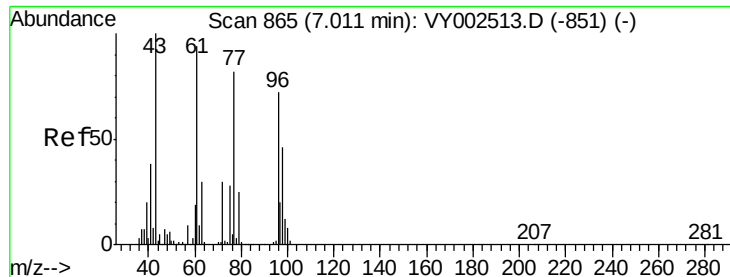
Tgt Ion: 43 Resp: 2047

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 0.0   | 9.8   | 14.6# |



Abundance Ion 43.00 (42.70 to 43.70): VY0

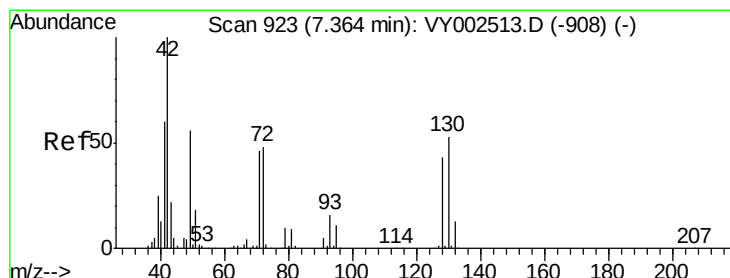
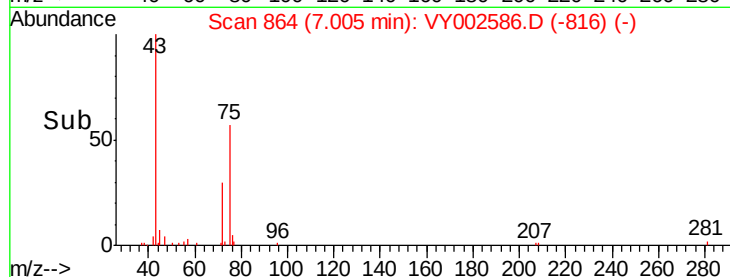
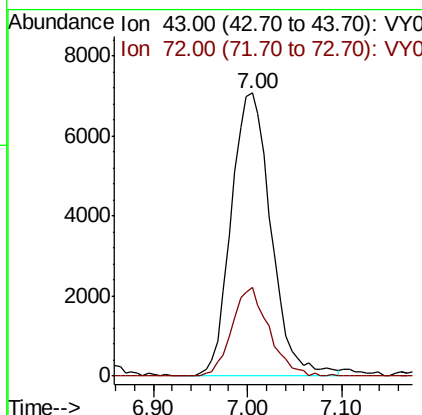
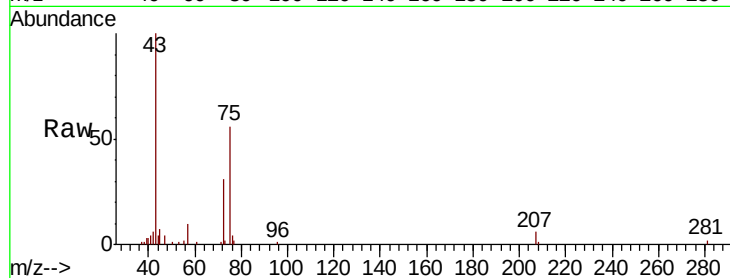
Ion 86.00 (85.70 to 86.70): VY0



#25  
2-Butanone  
Concen: 76.192 ug/l  
RT: 7.00 min Scan# 864  
Delta R.T. -0.01 min  
Lab File: VY002586.D  
Acq: 05 May 2020 15:06

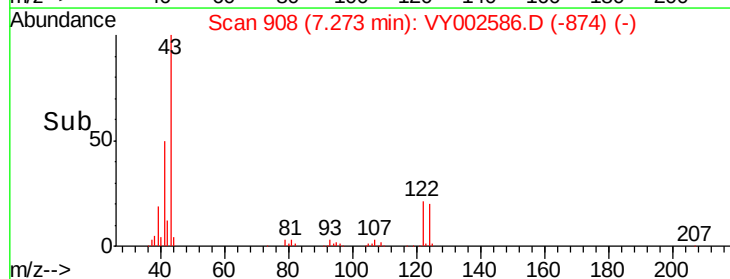
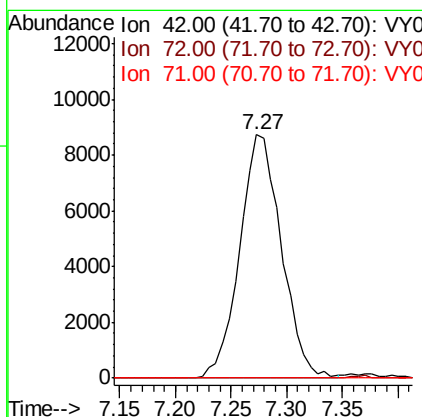
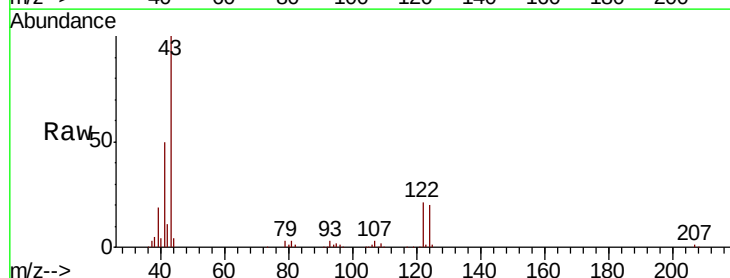
Instrument :  
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ClientSampleId :

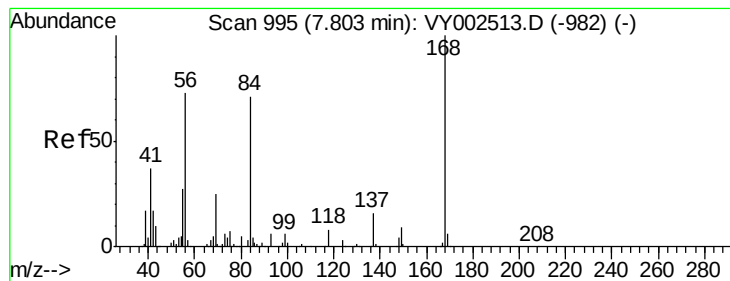
Tot Ion: 43 Resp: 20913  
Ion Ratio Lower Upper  
43 100  
72 31.4 24.1 36.1



#29  
Tetrahydrofuran  
Concen: 125.221 ug/l  
RT: 7.27 min Scan# 908  
Delta R.T. -0.09 min  
Lab File: VY002586.D  
Acq: 05 May 2020 15:06

Tgt Ion: 42 Resp: 22740  
Ion Ratio Lower Upper  
42 100  
72 0.0 37.4 56.2#  
71 0.0 35.0 52.4#





#31

Cyclohexane

Concen: 1.143 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002586.D

Acq: 05 May 2020 15:06

Instrument :

MSVOA\_Y

ClientSampleId :

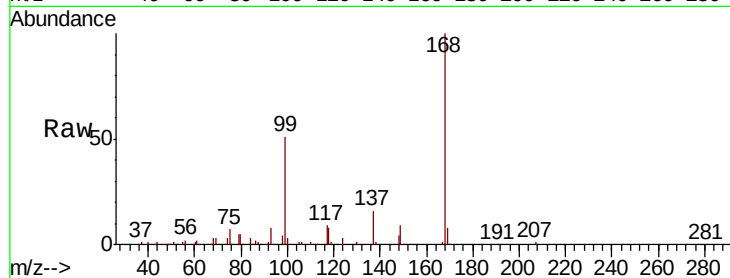
Tot Ion: 56 Resp: 1669

Ion Ratio Lower Upper

56 100

69 145.8 27.6 41.4#

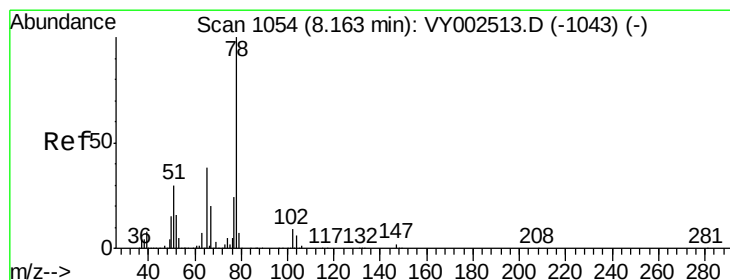
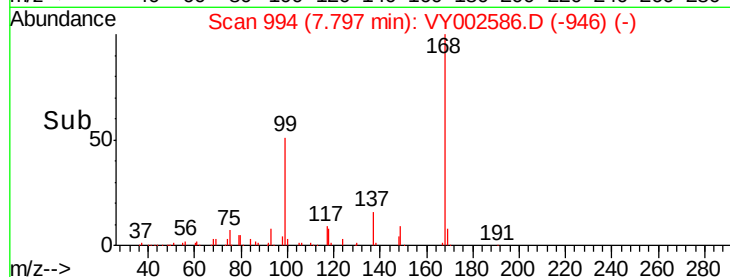
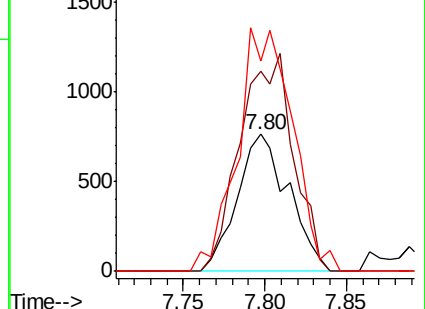
84 153.7 77.7 116.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 53.697 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002586.D

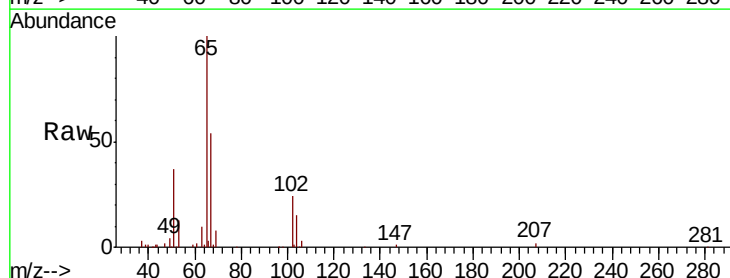
Acq: 05 May 2020 15:06

Tgt Ion: 65 Resp: 43627

Ion Ratio Lower Upper

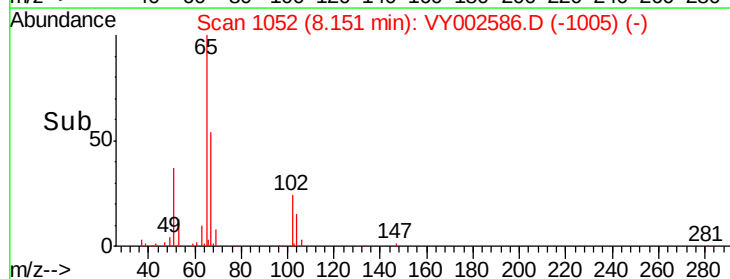
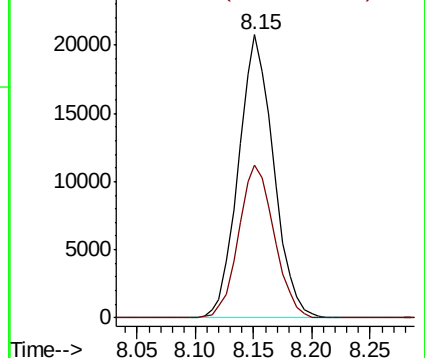
65 100

67 55.0 0.0 107.2

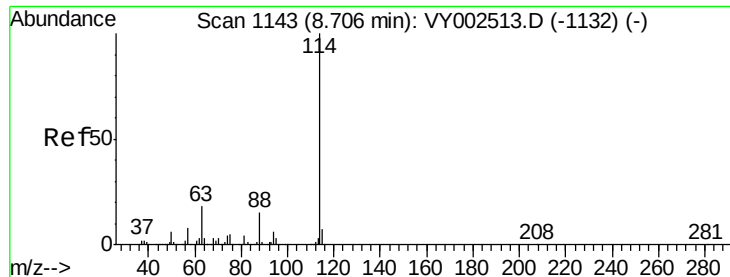


Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



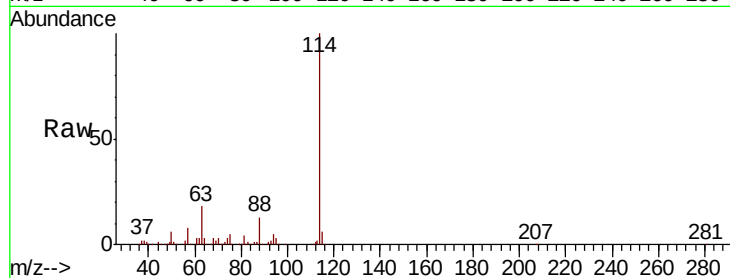




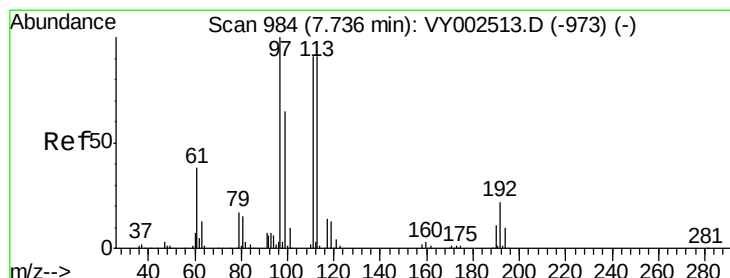
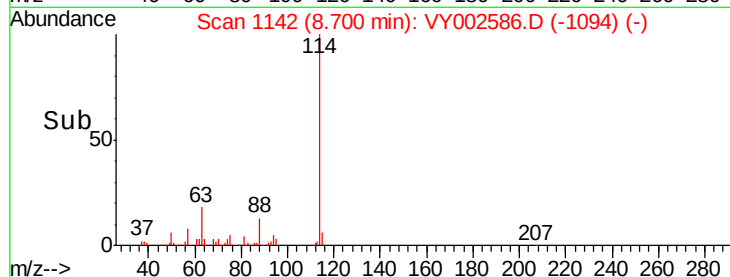
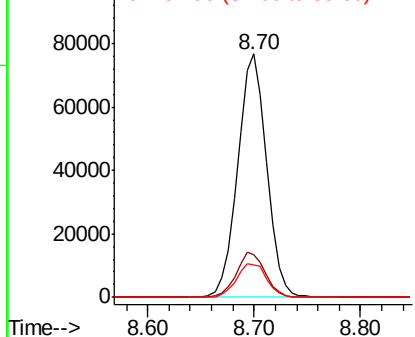
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.70 min Scan# 1142  
 Delta R.T. -0.01 min  
 Lab File: VY002586.D  
 Acq: 05 May 2020 15:06

Instrument :  
 MSVOA\_Y  
 ClientSampled :

Tot Ion:114 Resp: 146143  
 Ion Ratio Lower Upper  
 114 100  
 63 17.6 0.0 36.4  
 88 13.5 0.0 29.6

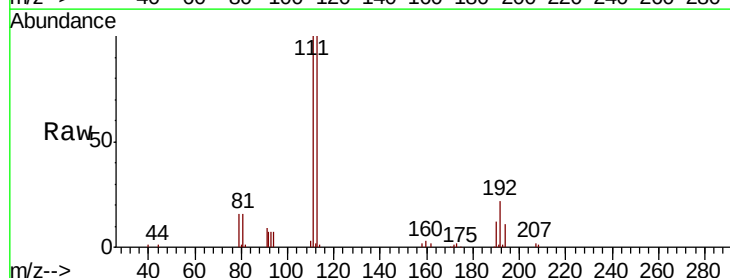


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VY0  
 Ion 87.90 (87.60 to 88.60): VY0

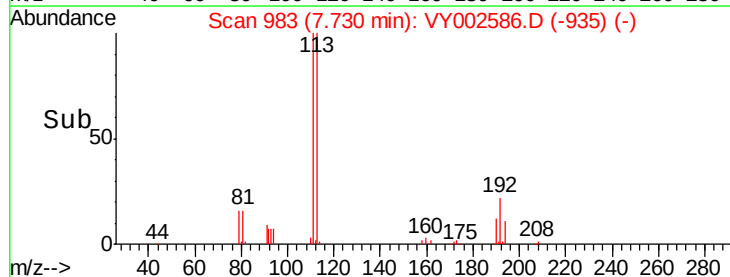
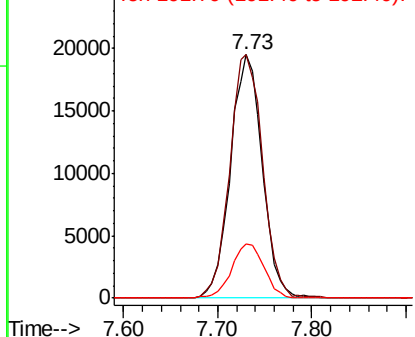


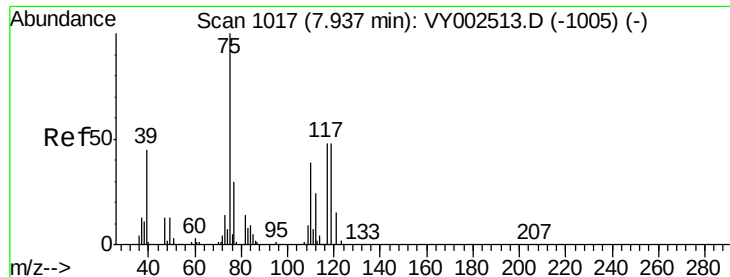
#35  
 Dibromofluoromethane  
 Concen: 54.713 ug/l  
 RT: 7.73 min Scan# 983  
 Delta R.T. -0.01 min  
 Lab File: VY002586.D  
 Acq: 05 May 2020 15:06

Tgt Ion:113 Resp: 45729  
 Ion Ratio Lower Upper  
 113 100  
 111 103.1 81.8 122.6  
 192 22.7 18.2 27.4



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: 5.361 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.13 min

Lab File: VY002586.D

Acq: 05 May 2020 15:06

Instrument :

MSVOA\_Y

ClientSampleId :

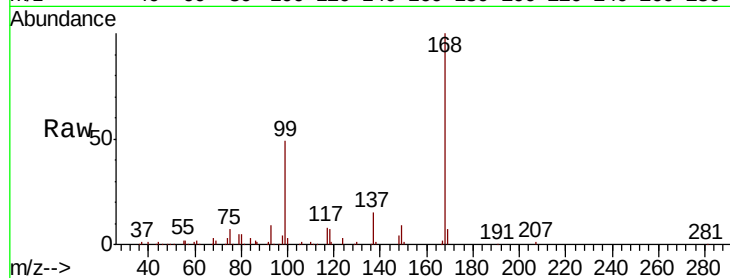
Tot Ion: 75 Resp: 6568

Ion Ratio Lower Upper

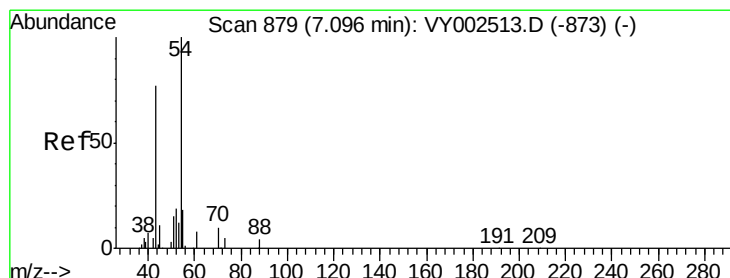
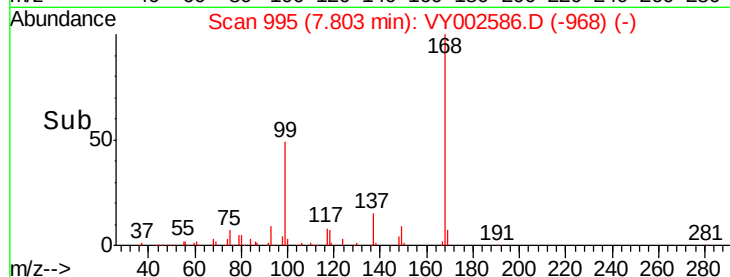
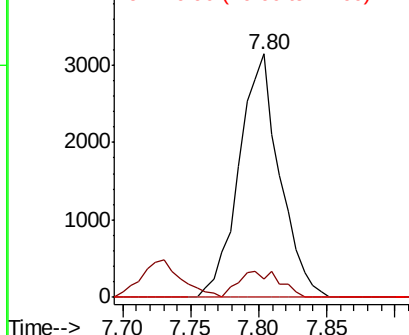
75 100

110 10.9 19.1 57.3#

77 0.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0  
Ion 109.90 (109.60 to 110.60): VY0  
Ion 76.90 (76.60 to 77.60): VY0



#37

Ethyl Acetate

Concen: 33.218 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.09 min

Lab File: VY002586.D

Acq: 05 May 2020 15:06

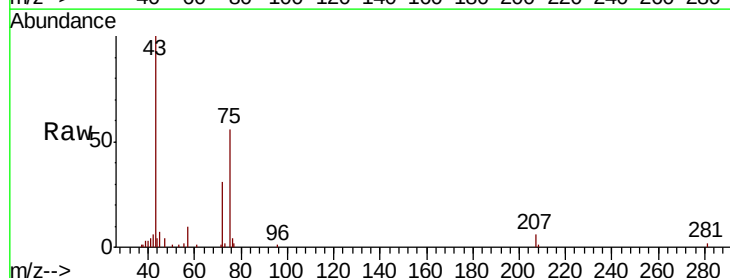
Tgt Ion: 43 Resp: 20913

Ion Ratio Lower Upper

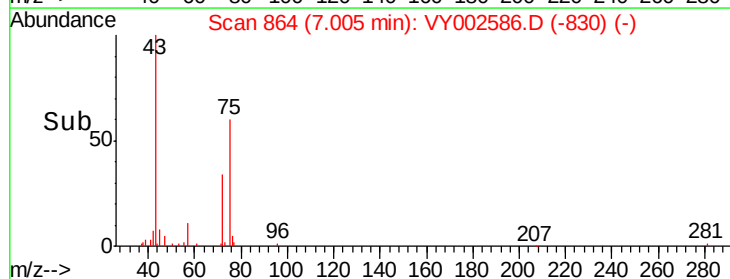
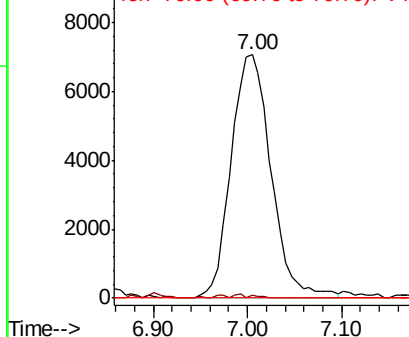
43 100

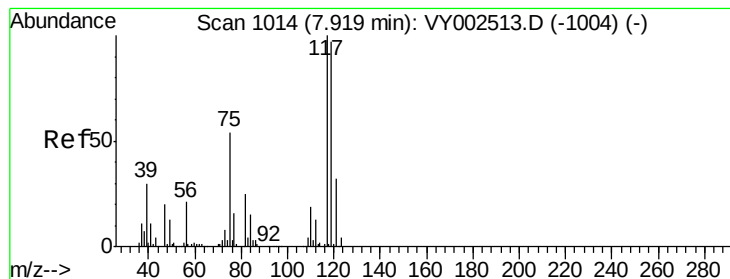
61 0.4 11.6 17.4#

70 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0  
Ion 60.90 (60.60 to 61.60): VY0  
Ion 70.00 (69.70 to 70.70): VY0





#38

Carbon Tetrachloride

Concen: 6.340 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.12 min

Lab File: VY002586.D

Acq: 05 May 2020 15:06

Instrument :

MSVOA\_Y

ClientSampleId :

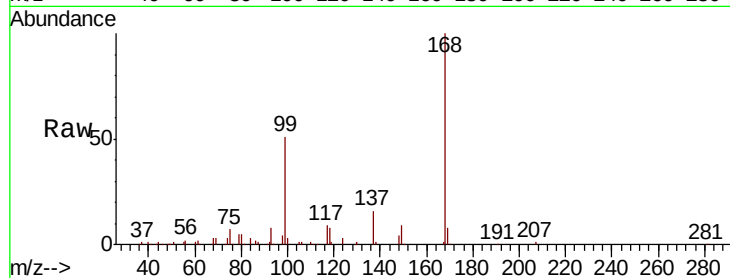
Tot Ion:117 Resp: 8480

Ion Ratio Lower Upper

117 100

119 9.1 77.1 115.7#

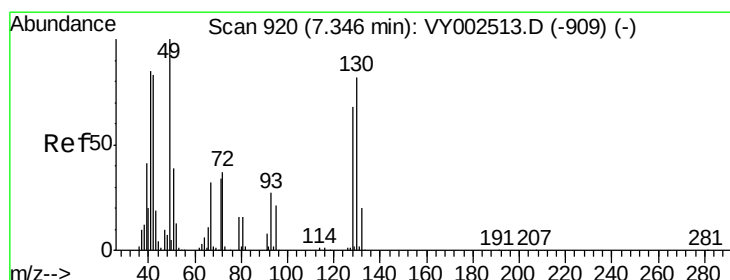
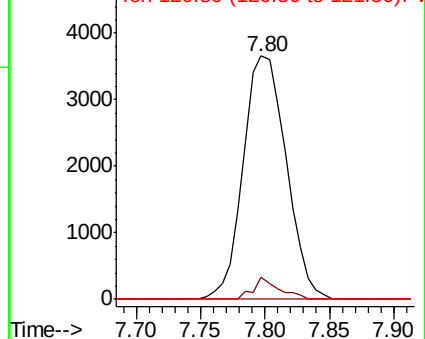
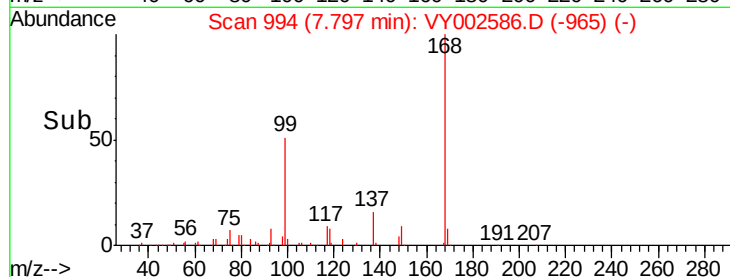
121 0.0 25.2 37.8#



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



#41

Methacrylonitrile

Concen: 298.528 ug/l

RT: 7.28 min Scan# 909

Delta R.T. -0.07 min

Lab File: VY002586.D

Acq: 05 May 2020 15:06

Tgt Ion: 41 Resp: 101051

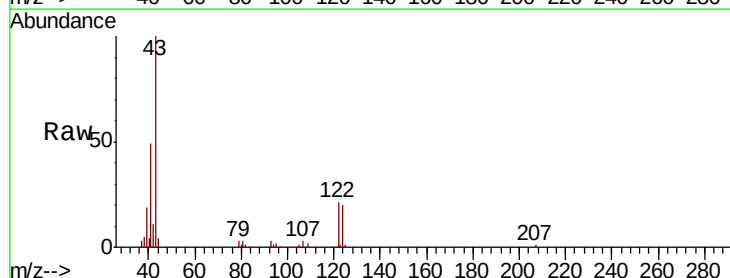
Ion Ratio Lower Upper

41 100

39 38.7 83.1 124.7#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

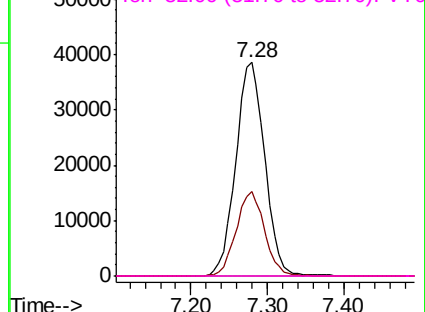
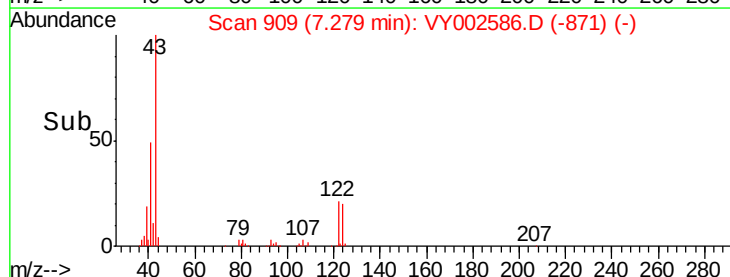


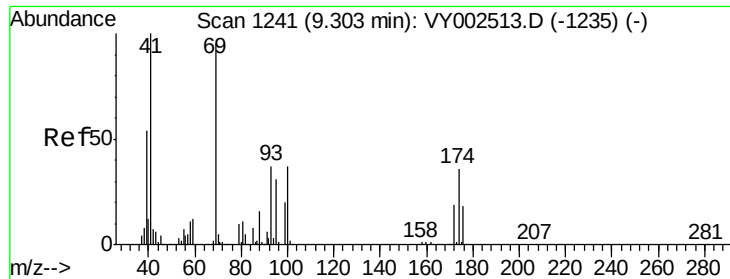
Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

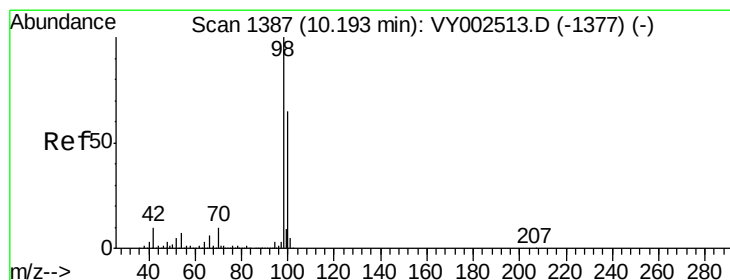
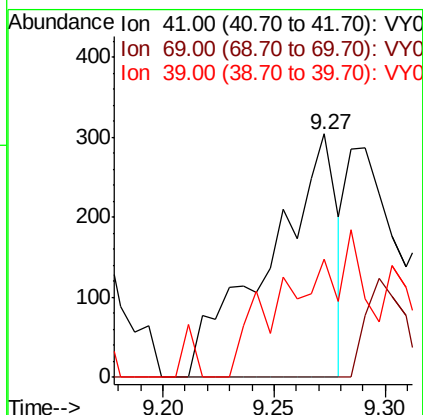
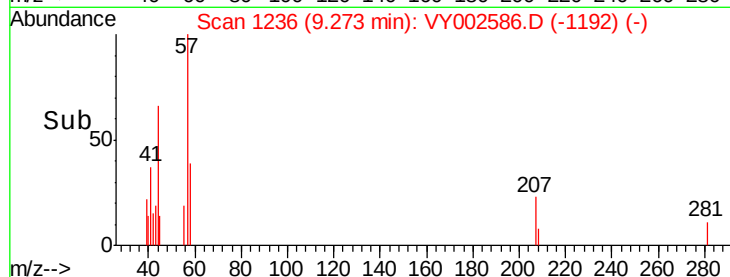
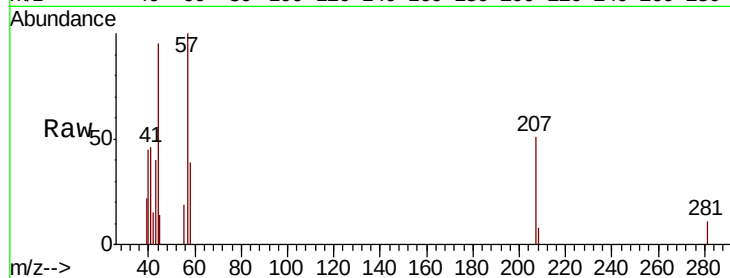




#48  
Methyl methacrylate  
Concen: 1.202 ug/l  
RT: 9.27 min Scan# 1236  
Delta R.T. -0.03 min  
Lab File: VY002586.D  
Acq: 05 May 2020 15:06

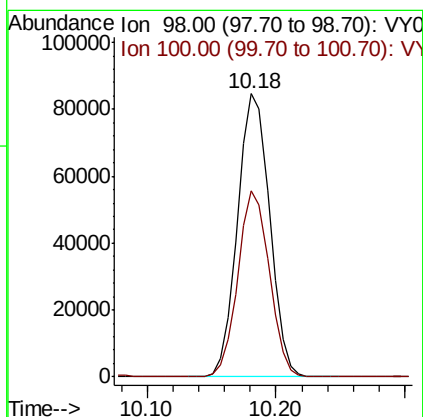
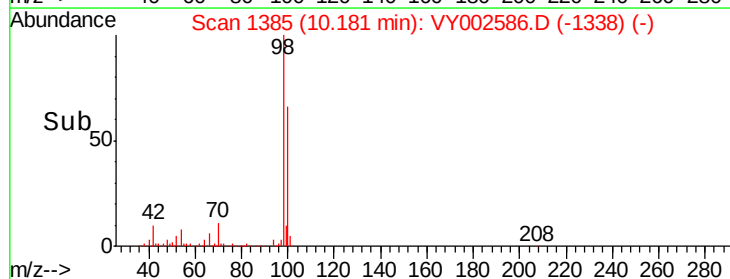
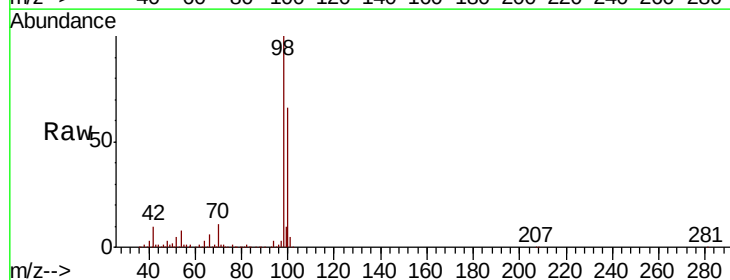
Instrument :  
MSVOA\_Y  
ClientSampleId :

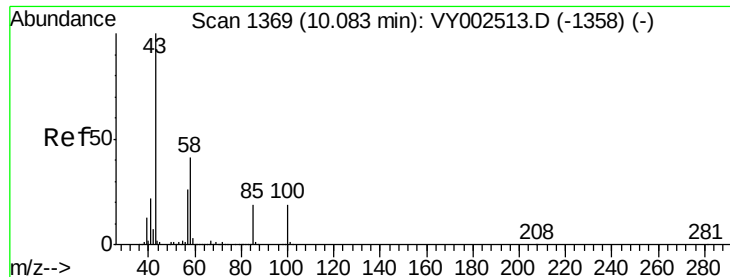
Tot Ion: 41 Resp: 642  
Ion Ratio Lower Upper  
41 100  
69 0.0 76.2 114.4#  
39 65.6 42.7 64.1#



#50  
Toluene-d8  
Concen: 44.821 ug/l  
RT: 10.18 min Scan# 1385  
Delta R.T. -0.01 min  
Lab File: VY002586.D  
Acq: 05 May 2020 15:06

Tgt Ion: 98 Resp: 146293  
Ion Ratio Lower Upper  
98 100  
100 64.4 52.2 78.2

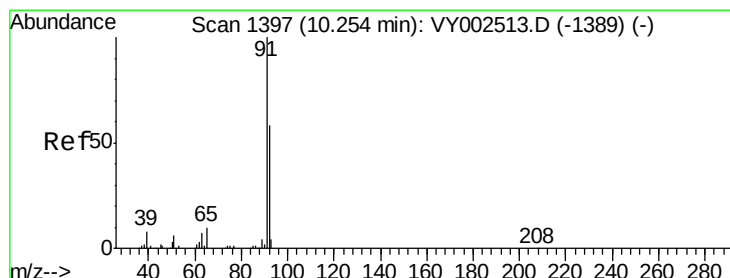
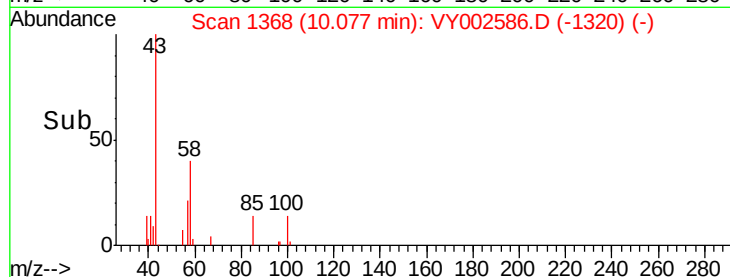
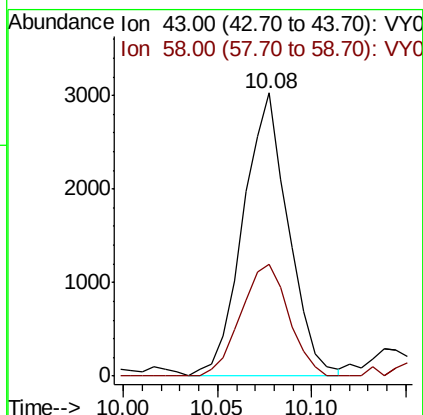
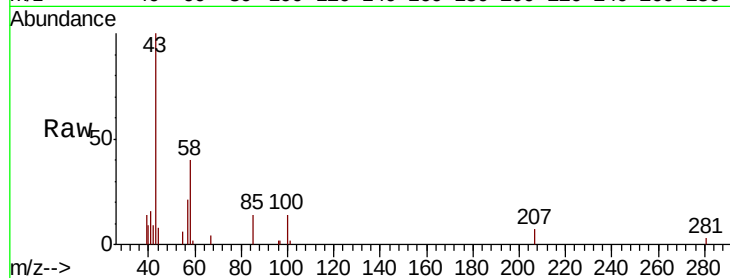




#51  
4-Methyl-2-Pentanone  
Concen: 8.293 ug/l  
RT: 10.08 min Scan# 1368  
Delta R.T. -0.01 min  
Lab File: VY002586.D  
Acq: 05 May 2020 15:06

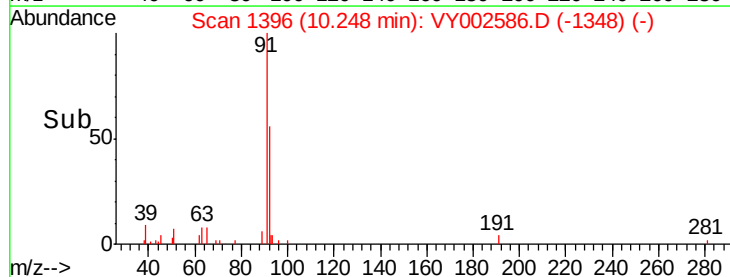
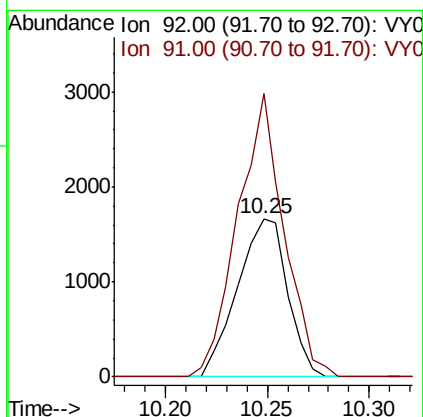
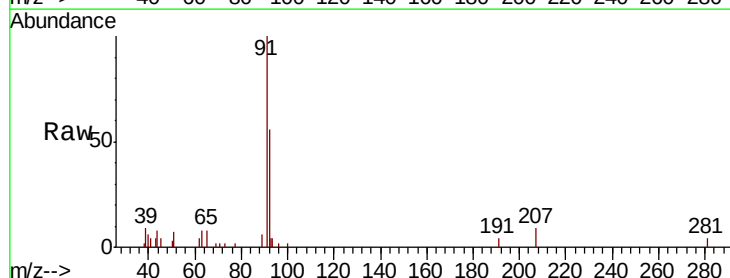
Instrument :  
MSVOA\_Y  
ClientSampled :

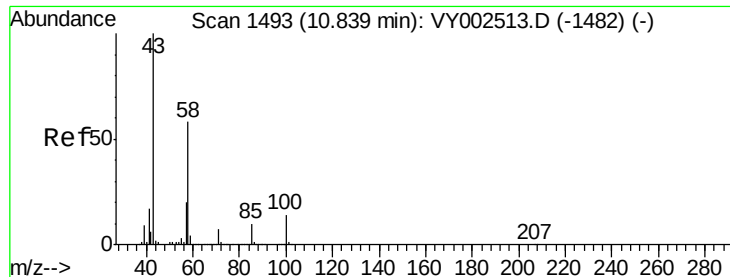
Tot Ion: 43 Resp: 5045  
Ion Ratio Lower Upper  
43 100  
58 41.5 33.2 49.8



#52  
Toluene  
Concen: 1.252 ug/l  
RT: 10.25 min Scan# 1396  
Delta R.T. -0.01 min  
Lab File: VY002586.D  
Acq: 05 May 2020 15:06

Tgt Ion: 92 Resp: 2846  
Ion Ratio Lower Upper  
92 100  
91 164.8 139.3 208.9





#59

2-Hexanone

Concen: 8.564 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VY002586.D

Acq: 05 May 2020 15:06

Instrument :

MSVOA\_Y

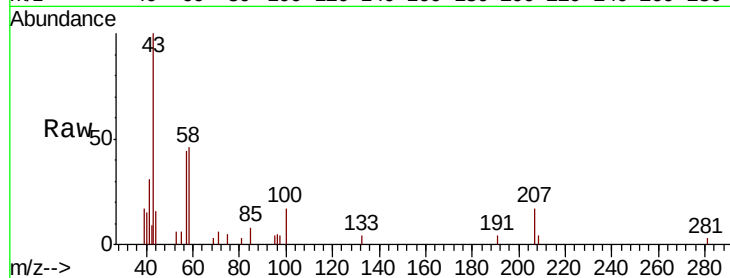
ClientSampleId :

Tot Ion: 43 Resp: 3586

Ion Ratio Lower Upper

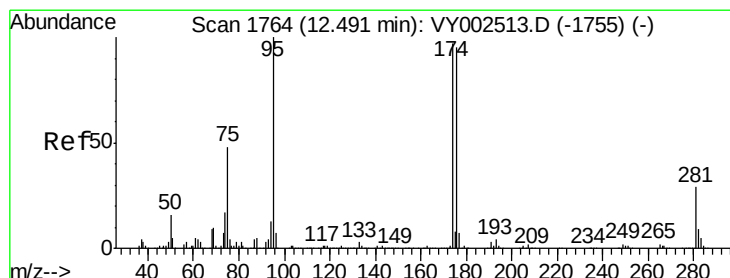
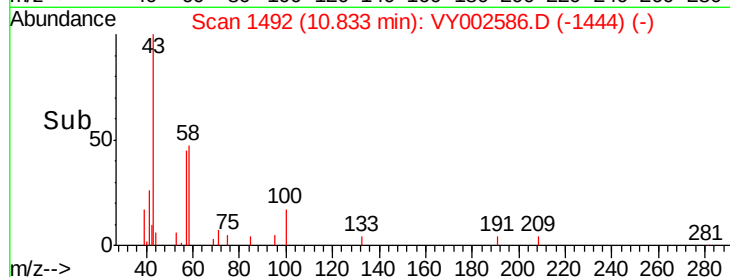
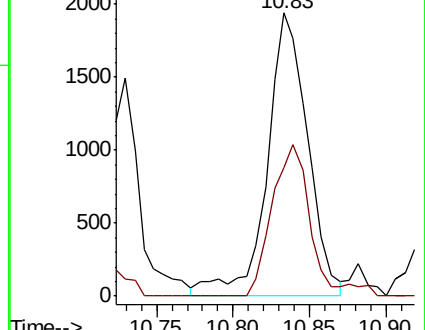
43 100

58 48.6 29.1 87.3



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-1482) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-1482) (-)



#62

4-Bromofluorobenzene

Concen: 22.913 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002586.D

Acq: 05 May 2020 15:06

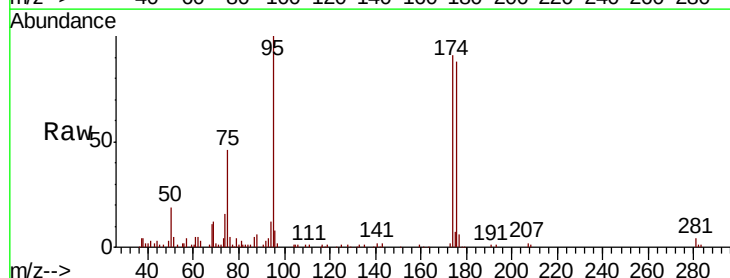
Tgt Ion: 95 Resp: 25377

Ion Ratio Lower Upper

95 100

174 92.6 0.0 188.8

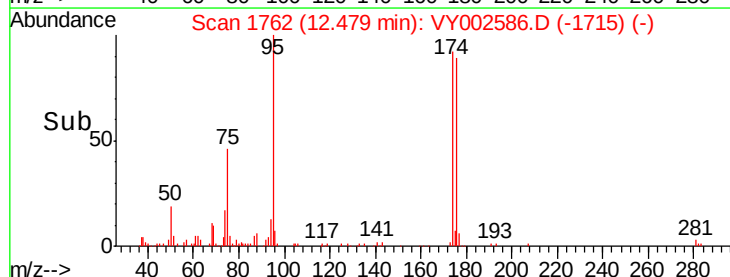
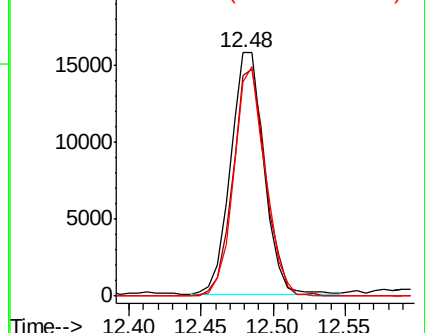
176 89.8 0.0 183.2

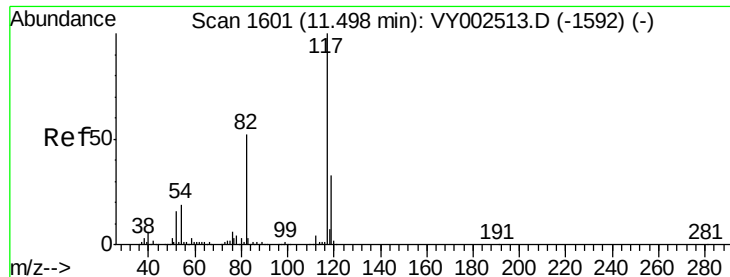


Abundance Ion 94.90 (94.60 to 95.60): VY002513.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002513.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002513.D (-1755) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY002586.D

Acq: 05 May 2020 15:06

Instrument :

MSVOA\_Y

ClientSampleId :

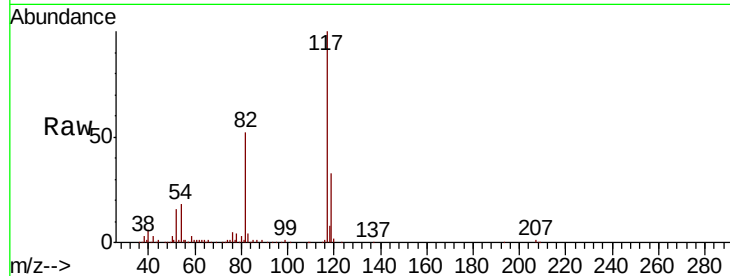
Tot Ion:117 Resp: 88581

Ion Ratio Lower Upper

117 100

82 51.5 41.3 61.9

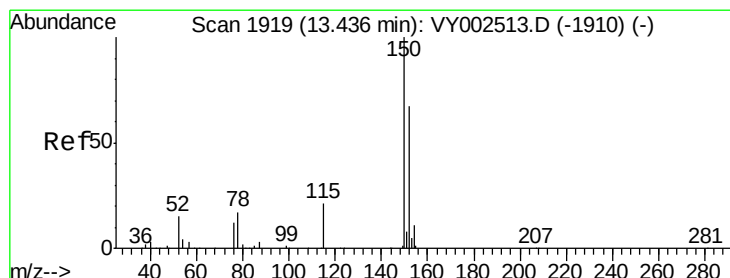
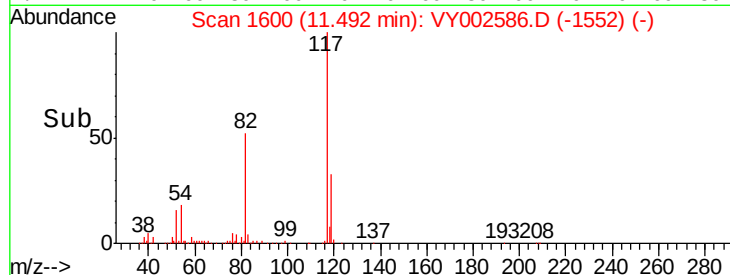
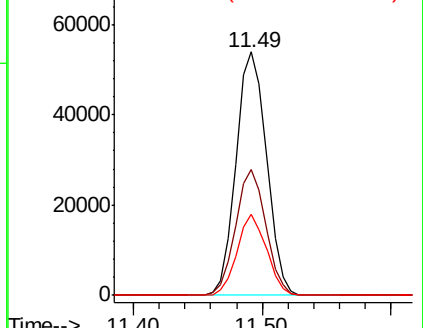
119 33.1 26.0 39.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002586.D

Acq: 05 May 2020 15:06

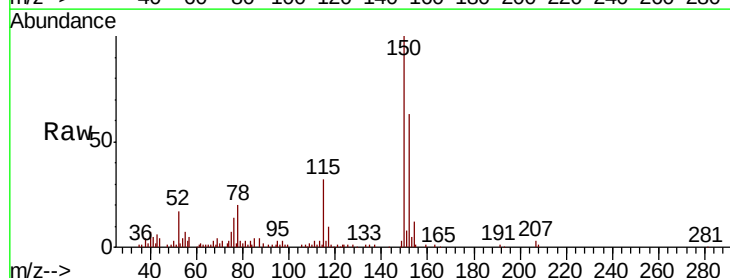
Tgt Ion:152 Resp: 14975

Ion Ratio Lower Upper

152 100

115 54.8 27.5 82.4

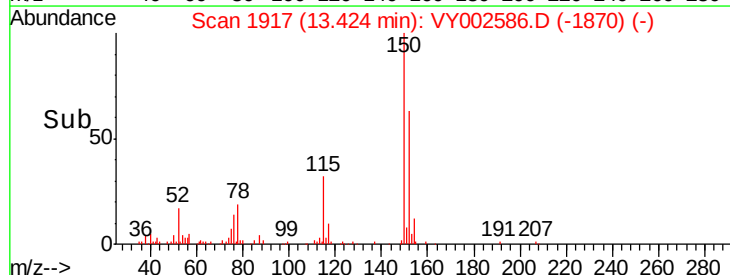
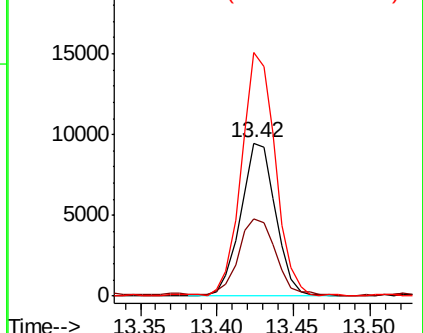
150 154.4 0.0 346.4

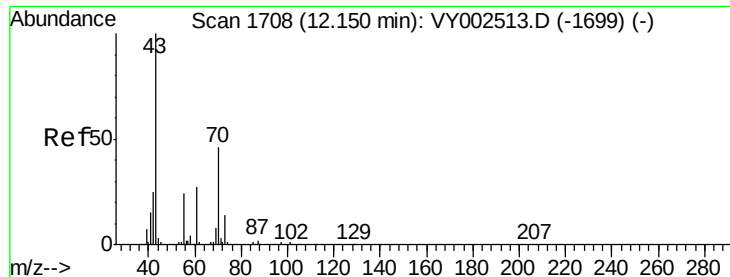


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 16.452 ug/l

RT: 12.11 min Scan# 1701

Delta R.T. -0.04 min

Lab File: VY002586.D

Acq: 05 May 2020 15:06

Instrument :

MSVOA\_Y

ClientSampleId :

Tot Ion: 43 Resp: 3841

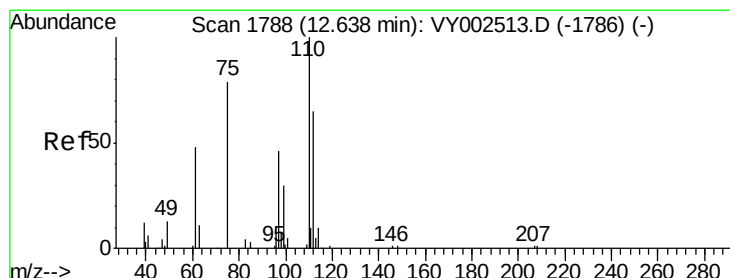
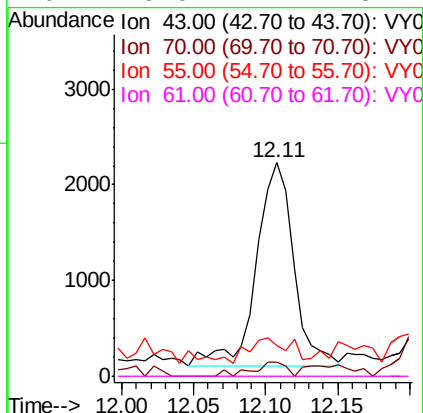
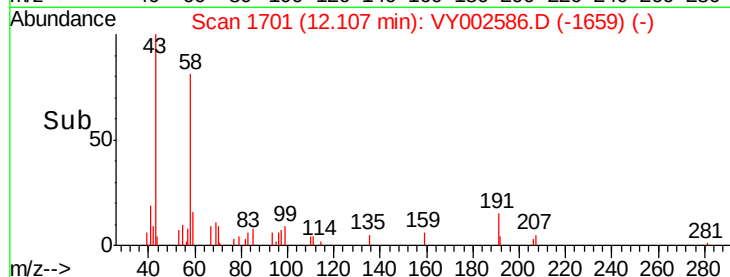
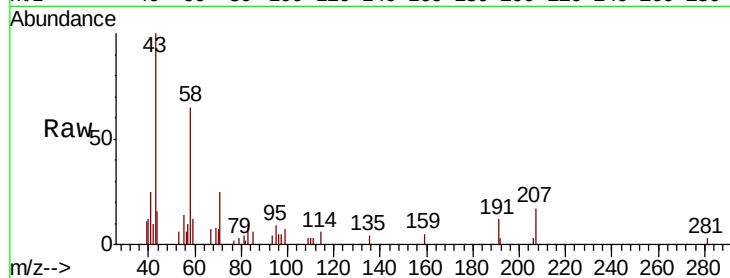
Ion Ratio Lower Upper

43 100

70 6.1 36.7 55.1#

55 11.0 19.2 28.8#

61 0.0 21.1 31.7#



#76

1,2,3-Trichloropropane

Concen: 6.613 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.05 min

Lab File: VY002586.D

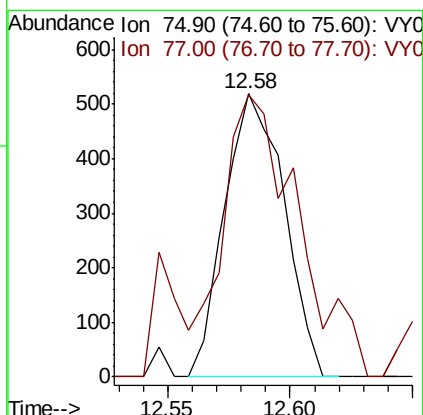
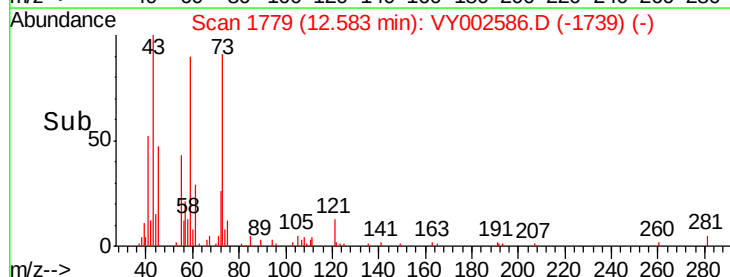
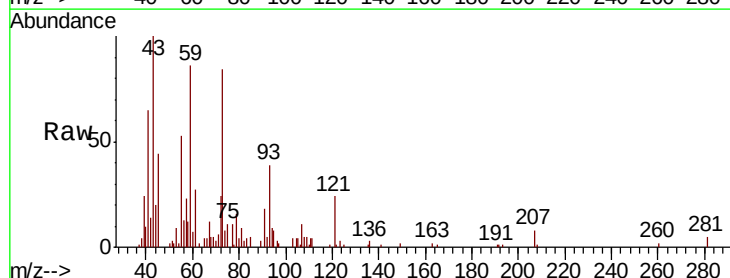
Acq: 05 May 2020 15:06

Tgt Ion: 75 Resp: 880

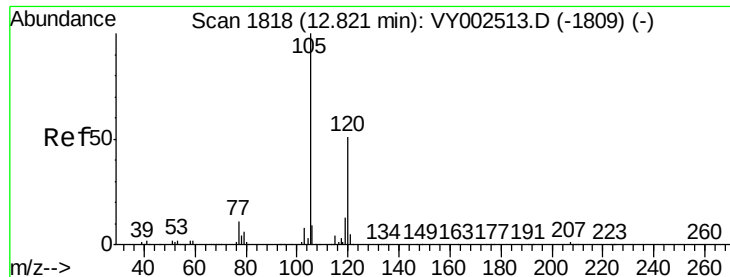
Ion Ratio Lower Upper

75 100

77 125.7 0.0 0.0#



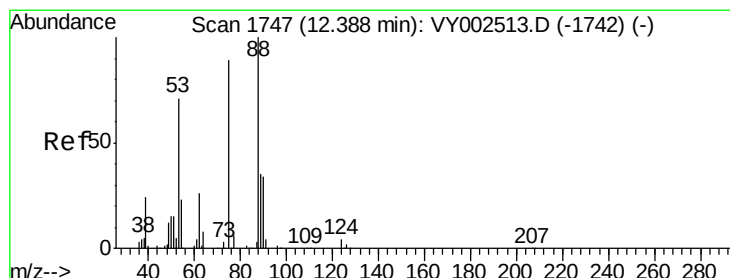
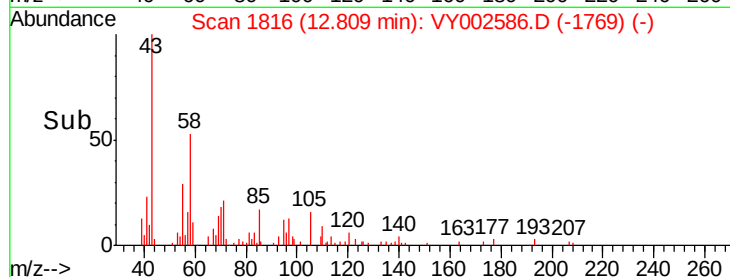
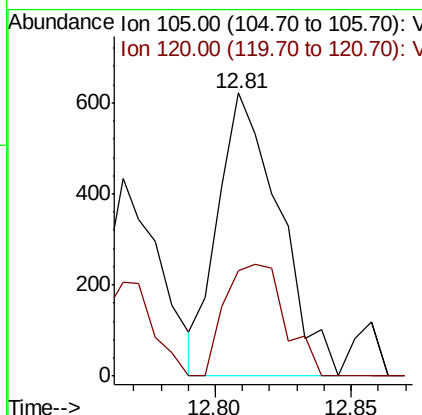
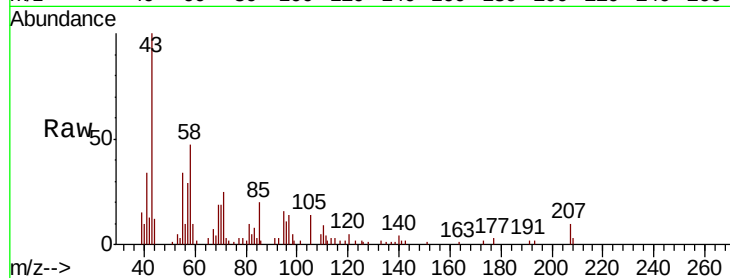




#80  
 1,3,5-Trimethylbenzene  
 Concen: 1.208 ug/l  
 RT: 12.81 min Scan# 1816  
 Delta R.T. -0.01 min  
 Lab File: VY002586.D  
 Acq: 05 May 2020 15:06

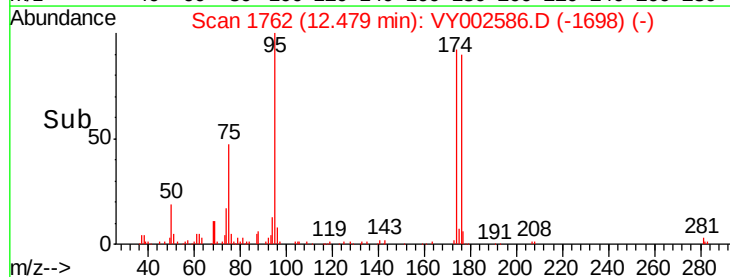
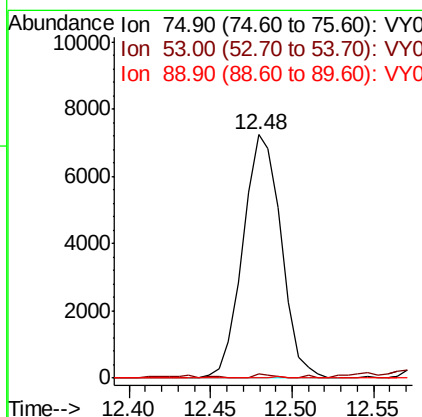
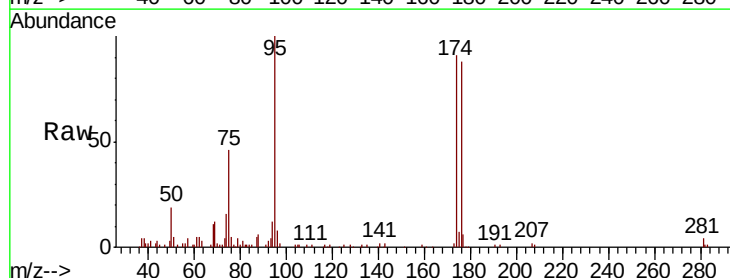
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

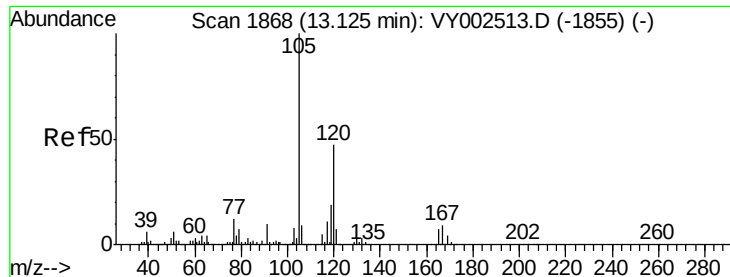
Tot Ion: 105 Resp: 972  
 Ion Ratio Lower Upper  
 105 100  
 120 38.8 25.3 75.9



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 178.298 ug/l  
 RT: 12.48 min Scan# 1762  
 Delta R.T. 0.09 min  
 Lab File: VY002586.D  
 Acq: 05 May 2020 15:06

Tgt Ion: 75 Resp: 11833  
 Ion Ratio Lower Upper  
 75 100  
 53 0.9 67.4 101.0#  
 89 0.2 37.4 56.0#

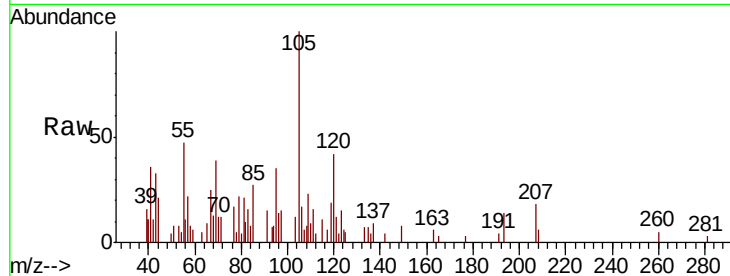




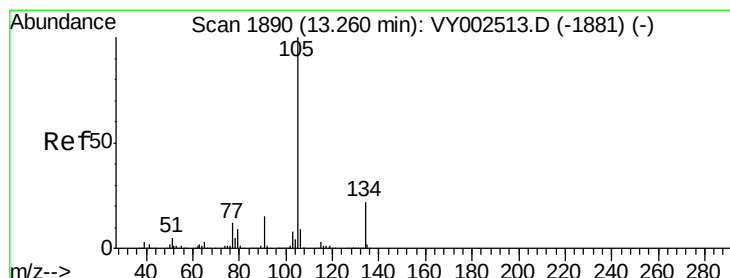
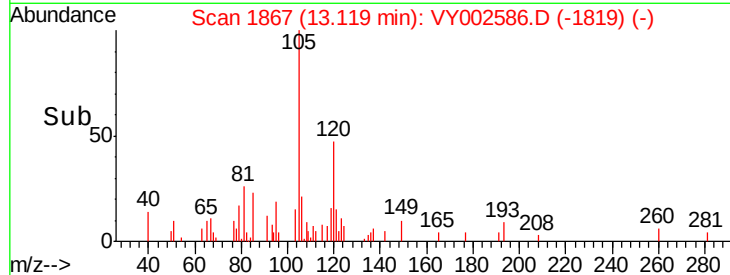
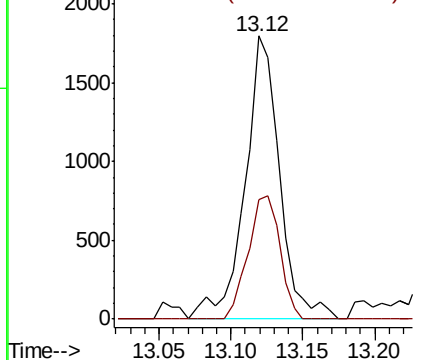
#84  
 1,2,4-Trimethylbenzene  
 Concen: 3.719 ug/l  
 RT: 13.12 min Scan# 1867  
 Delta R.T. -0.01 min  
 Lab File: VY002586.D  
 Acq: 05 May 2020 15:06

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tot Ion:105 Resp: 2982  
 Ion Ratio Lower Upper  
 105 100  
 120 39.9 23.4 70.3

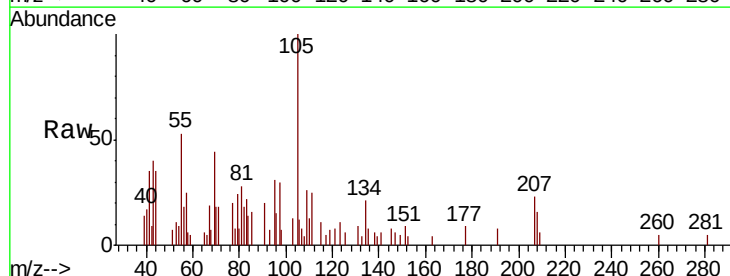


Abundance Ion 105.00 (104.70 to 105.70): V  
 Ion 120.00 (119.70 to 120.70): V

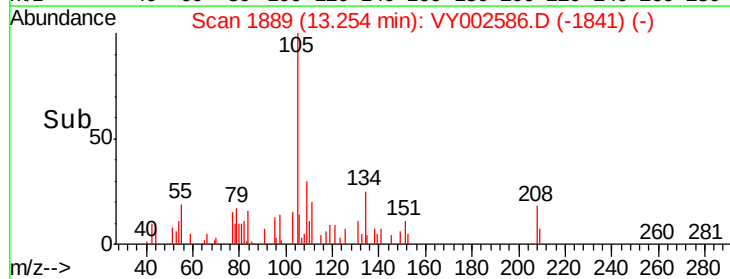
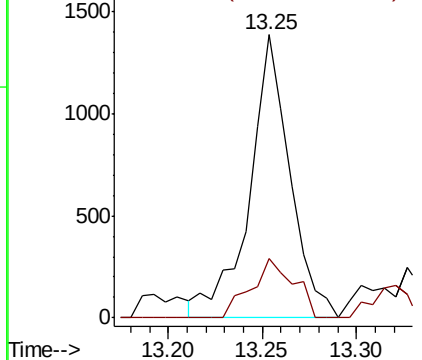


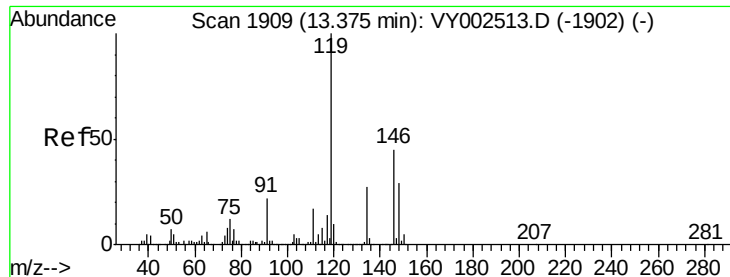
#85  
 sec-Butylbenzene  
 Concen: 2.111 ug/l  
 RT: 13.25 min Scan# 1889  
 Delta R.T. -0.01 min  
 Lab File: VY002586.D  
 Acq: 05 May 2020 15:06

Tgt Ion:105 Resp: 2066  
 Ion Ratio Lower Upper  
 105 100  
 134 22.1 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V  
 Ion 134.00 (133.70 to 134.70): V

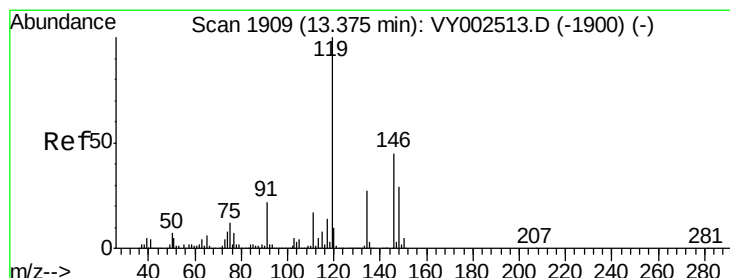
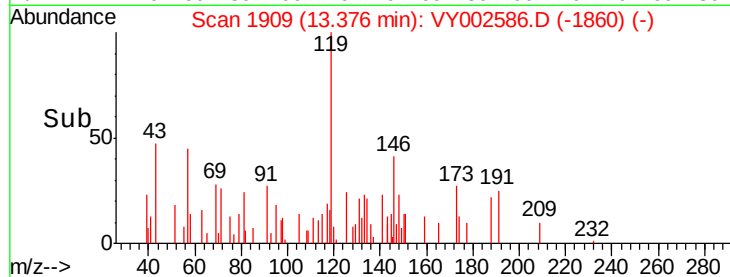
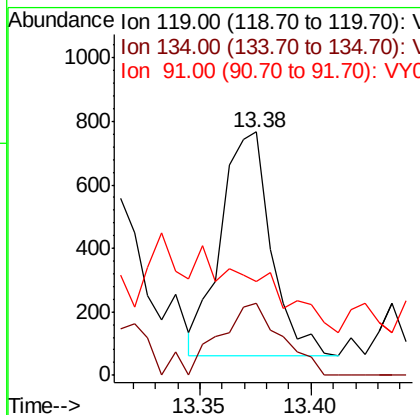
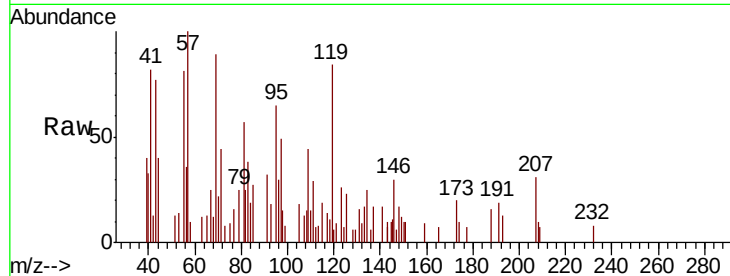




#86  
 p-Isopropyltoluene  
 Concen: 1.211 ug/l  
 RT: 13.38 min Scan# 1909  
 Delta R.T. 0.00 min  
 Lab File: VY002586.D  
 Acq: 05 May 2020 15:06

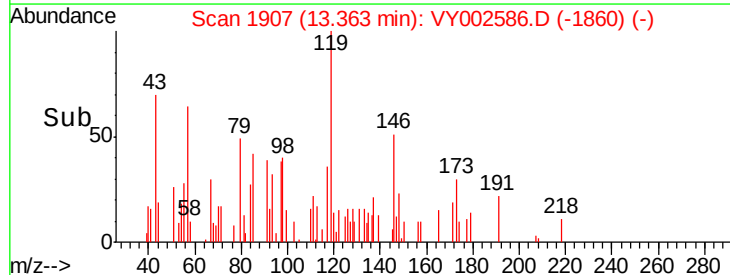
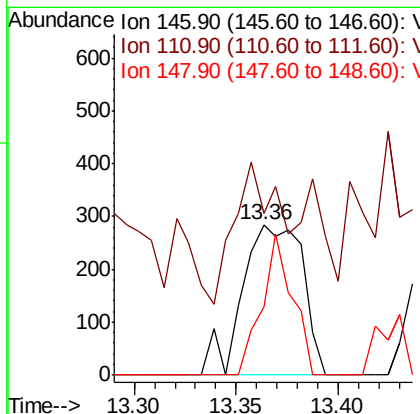
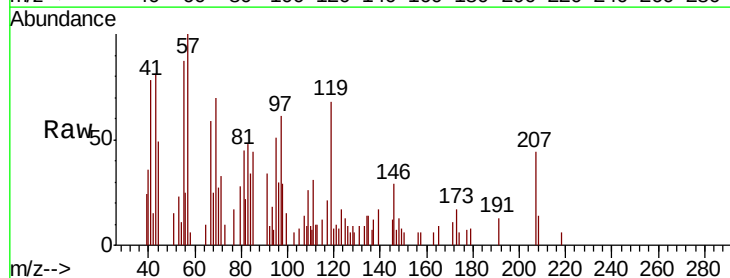
Instrument :  
 MSVOA\_Y  
 ClientSampled :

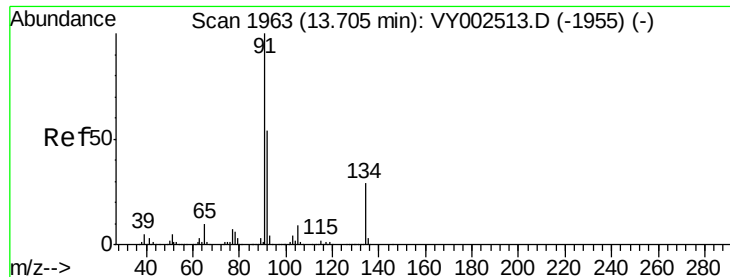
Tot Ion:119 Resp: 1111  
 Ion Ratio Lower Upper  
 119 100  
 134 39.2 13.5 40.5  
 91 0.0 10.9 32.9#



#87  
 1,3-Dichlorobenzene  
 Concen: 1.277 ug/l  
 RT: 13.36 min Scan# 1907  
 Delta R.T. -0.01 min  
 Lab File: VY002586.D  
 Acq: 05 May 2020 15:06

Tgt Ion:146 Resp: 586  
 Ion Ratio Lower Upper  
 146 100  
 111 67.9 18.8 56.3#  
 148 47.4 32.1 96.3





#89

n-Butylbenzene

Concen: 1.610 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002586.D

Acq: 05 May 2020 15:06

Instrument :

MSVOA\_Y

ClientSampled :

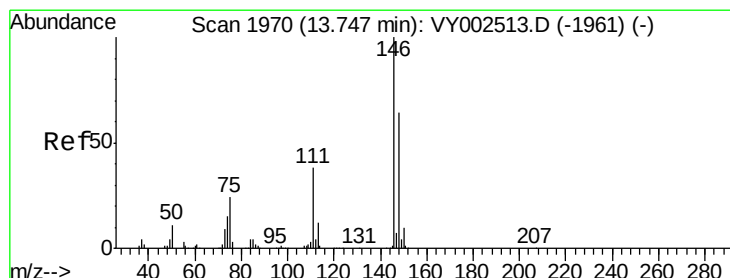
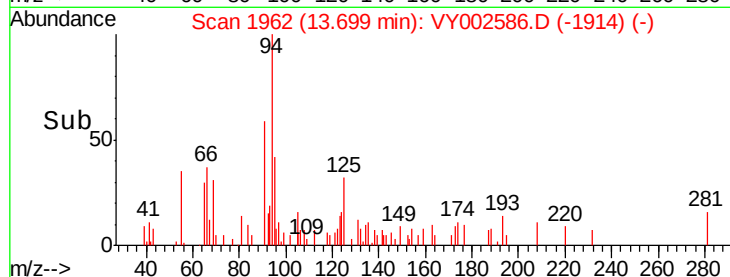
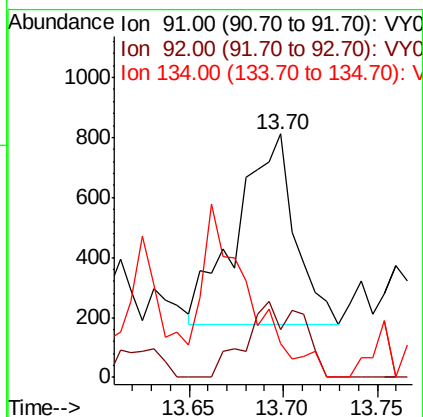
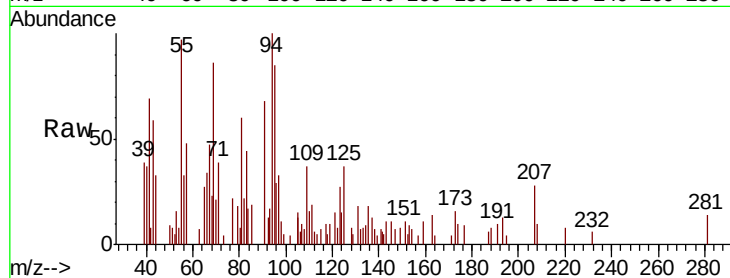
Tot Ion: 91 Resp: 1344

Ion Ratio Lower Upper

91 100

92 38.6 27.1 81.3

134 0.0 14.4 43.0#



#91

1,2-Dichlorobenzene

Concen: 1.070 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY002586.D

Acq: 05 May 2020 15:06

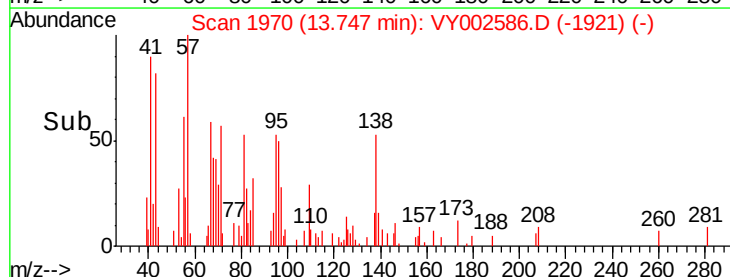
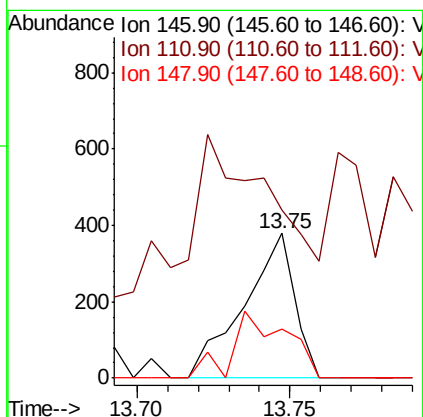
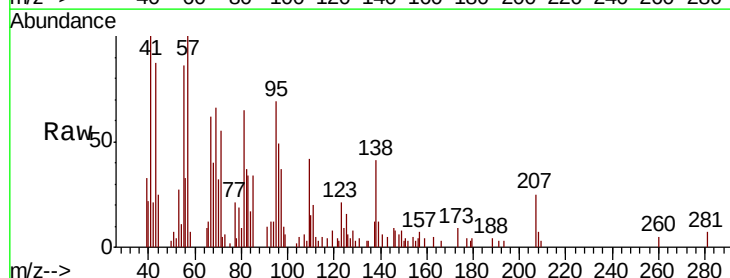
Tgt Ion: 146 Resp: 438

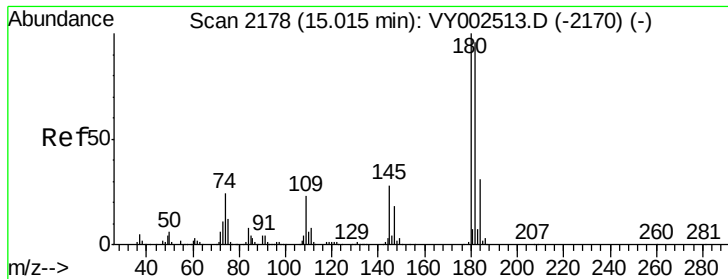
Ion Ratio Lower Upper

146 100

111 0.0 19.1 57.5#

148 48.6 31.9 95.7

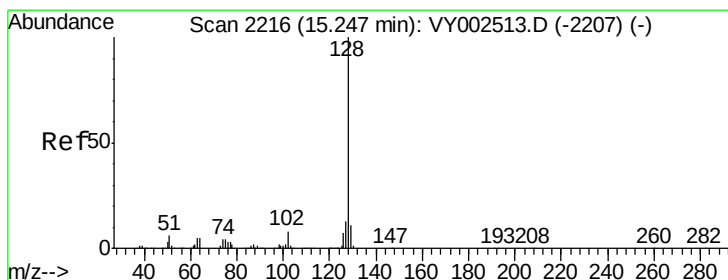
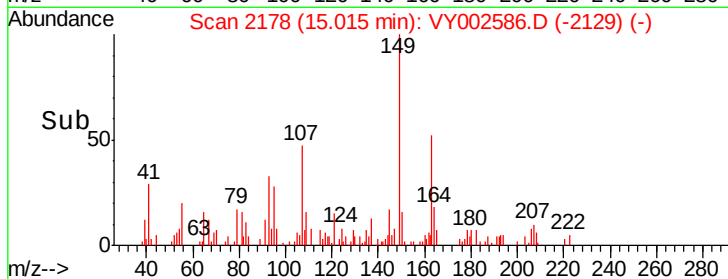
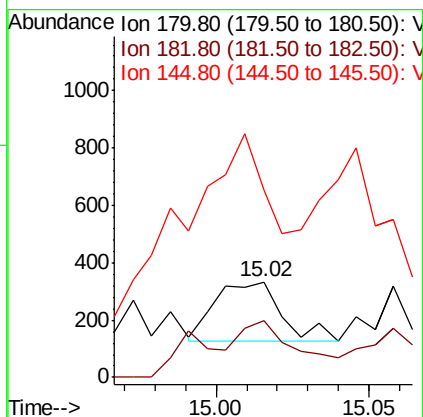
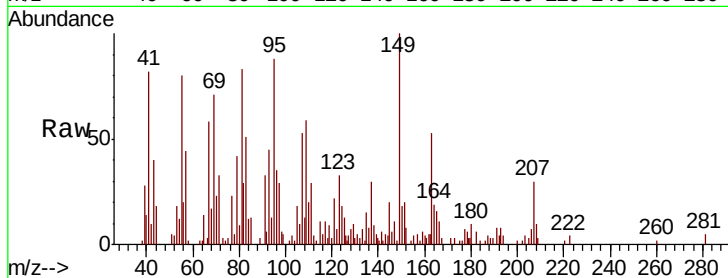




#93  
 1,2,4-Trichlorobenzene  
 Concen: 1.039 ug/l  
 RT: 15.02 min Scan# 2178  
 Delta R.T. 0.00 min  
 Lab File: VY002586.D  
 Acq: 05 May 2020 15:06

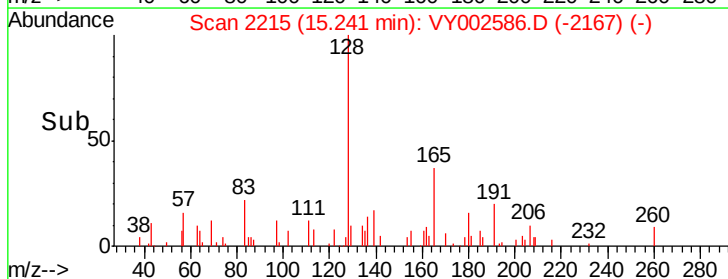
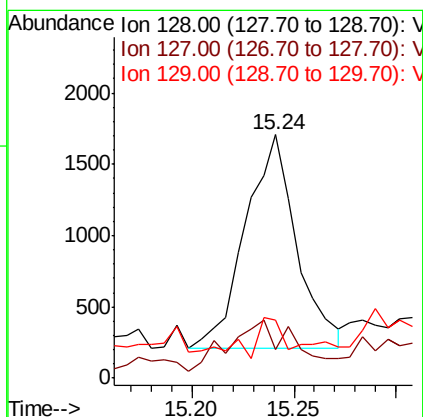
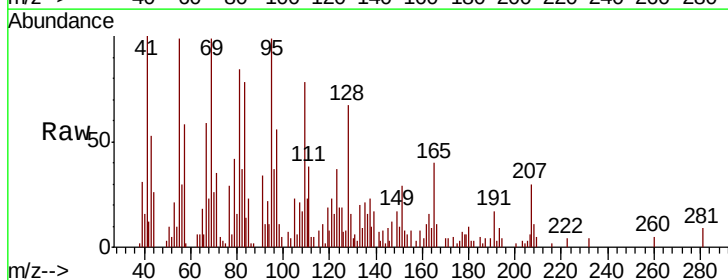
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

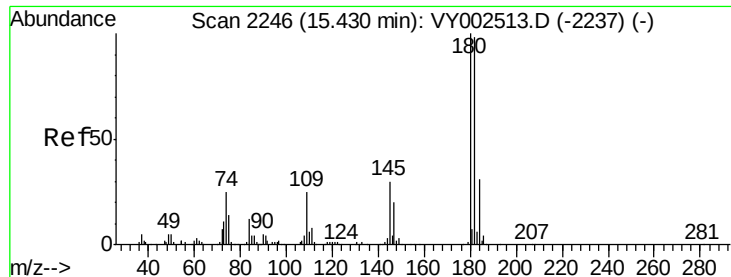
Tot Ion:180 Resp: 309  
 Ion Ratio Lower Upper  
 180 100  
 182 50.8 47.9 143.6  
 145 550.8 14.4 43.0#



#95  
 Naphthalene  
 Concen: 4.825 ug/l  
 RT: 15.24 min Scan# 2215  
 Delta R.T. -0.01 min  
 Lab File: VY002586.D  
 Acq: 05 May 2020 15:06

Tgt Ion:128 Resp: 2617  
 Ion Ratio Lower Upper  
 128 100  
 127 29.1 10.5 15.7#  
 129 7.1 8.8 13.2#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 1.874 ug/l  
 RT: 15.56 min Scan# 2267  
 Delta R.T. 0.13 min  
 Lab File: VY002586.D  
 Acq: 05 May 2020 15:06

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 75.7  | 47.9  | 143.8 |
| 145     | 20.1  | 15.0  | 45.1  |

