

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050820\  
 Data File : VY002642.D  
 Acq On : 08 May 2020 14:59  
 Operator : SY/MD  
 Sample : L2554-03  
 Misc : 3.97G/5ML/MSVOA Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: May 09 03:46:57 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      | 7.81  | 168  | 329593   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 511755   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 453399   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.44 | 152  | 200229   | 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   | 136806   | 49.37 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.74%  |          |
| 35) Dibromofluoromethane    | 7.74  | 113  | 149191   | 50.98 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.96% |          |
| 50) Toluene-d8              | 10.19 | 98   | 594814   | 52.04 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.08% |          |
| 62) 4-Bromofluorobenzene    | 12.49 | 95   | 187452   | 48.33 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.66%  |          |

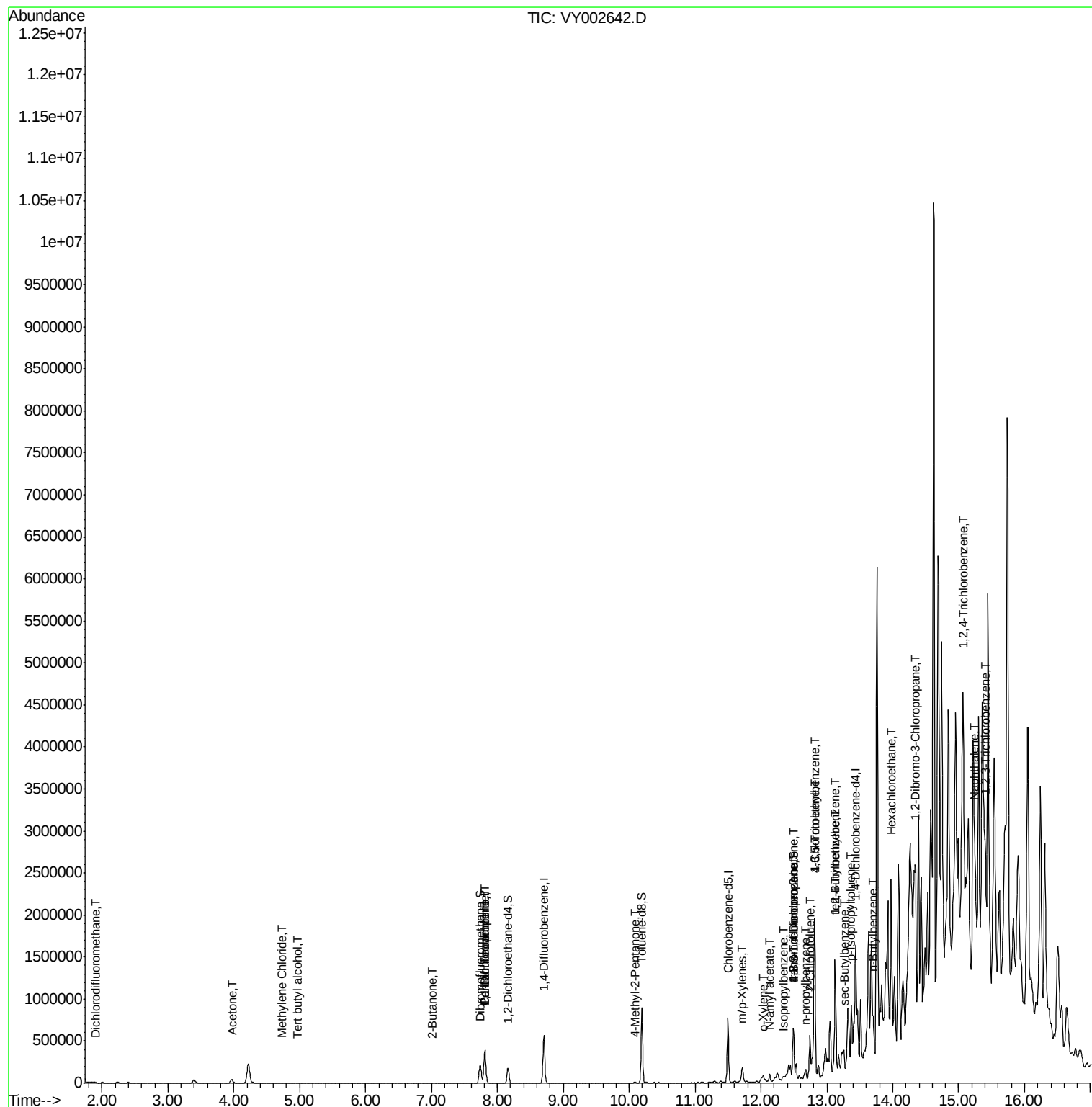
| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane     | 1.91  | 85   | 106      | 1.822   | ug/l # | 43     |
| 11) Tert butyl alcohol         | 4.97  | 59   | 691      | 2.424   | ug/l # | 74     |
| 16) Acetone                    | 3.97  | 43   | 68776    | 120.252 | ug/l   | 89     |
| 20) Methylene Chloride         | 4.74  | 84   | 3899     | 1.219   | ug/l # | 92     |
| 25) 2-Butanone                 | 7.01  | 43   | 1090     | 1.164   | ug/l # | 85     |
| 36) 1,1-Dichloropropene        | 7.81  | 75   | 21391    | 4.986   | ug/l # | 49     |
| 38) Carbon Tetrachloride       | 7.81  | 117  | 29601    | 6.320   | ug/l # | 15     |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 8057     | 3.782   | ug/l   | 99     |
| 68) m/p-Xylenes                | 11.71 | 106  | 20077    | 3.427   | ug/l   | 99     |
| 69) o-Xylene                   | 12.04 | 106  | 16236    | 2.960   | ug/l   | 96     |
| 73) Isopropylbenzene           | 12.34 | 105  | 17070    | 1.315   | ug/l   | 94     |
| 74) N-amyl acetate             | 12.13 | 43   | 18736    | 6.002   | ug/l # | 58     |
| 76) 1,2,3-Trichloropropane     | 12.49 | 75   | 89801    | 50.468  | ug/l # | 100    |
| 78) n-propylbenzene            | 12.68 | 91   | 88198    | 5.857   | ug/l   | 98     |
| 79) 2-Chlorotoluene            | 12.74 | 91   | 36357    | 4.358   | ug/l # | 38     |
| 80) 1,3,5-Trimethylbenzene     | 12.82 | 105  | 155834   | 14.487  | ug/l   | 99     |
| 81) trans-1,4-Dichloro-2-buten | 12.49 | 75   | 89801    | 101.198 | ug/l # | 15     |
| 82) 4-Chlorotoluene            | 12.82 | 91   | 16372    | 1.868   | ug/l # | 44     |
| 83) tert-Butylbenzene          | 13.13 | 119  | 93304    | 9.893   | ug/l # | 68     |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105  | 739703   | 69.000  | ug/l   | 99     |
| 85) sec-Butylbenzene           | 13.26 | 105  | 99610    | 7.611   | ug/l   | 89     |
| 86) p-Isopropyltoluene         | 13.38 | 119  | 77607    | 6.329   | ug/l   | 99     |
| 89) n-Butylbenzene             | 13.70 | 91   | 208384   | 18.666  | ug/l # | 75     |
| 90) Hexachloroethane           | 13.98 | 117  | 69934    | 31.315  | ug/l # | 5      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.34 | 75   | 5025     | 13.062  | ug/l # | 1      |
| 93) 1,2,4-Trichlorobenzene     | 15.06 | 180  | 7268     | 1.828   | ug/l # | 1      |
| 95) Naphthalene                | 15.25 | 128  | 512005   | 70.604  | ug/l # | 89     |
| 96) 1,2,3-Trichlorobenzene     | 15.40 | 180  | 28842    | 8.547   | ug/l # | 1      |

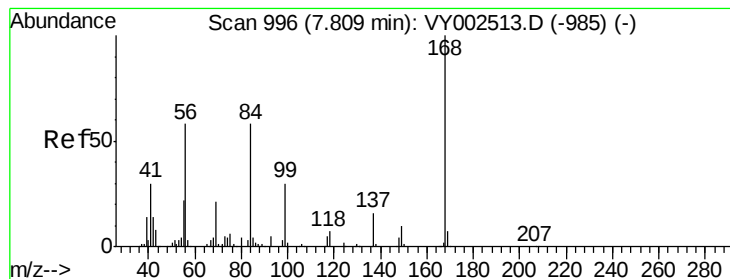
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050820\  
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: May 09 03:46:57 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: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002642.D

Acq: 08 May 2020 14:59

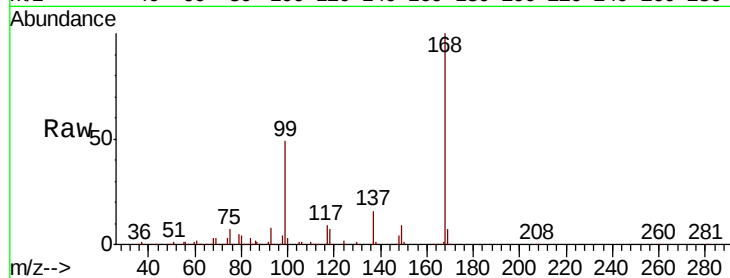
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion:168 Resp: 329593

Ion Ratio Lower Upper

168 100

99 49.4 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) (-)

7.81

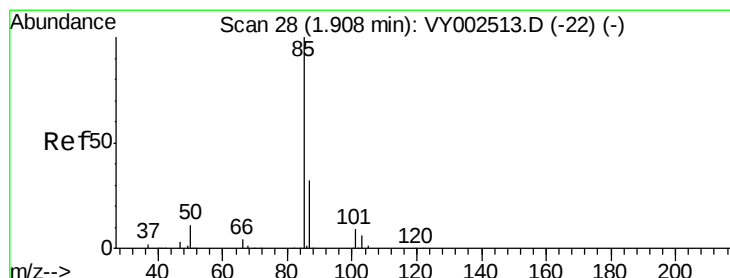
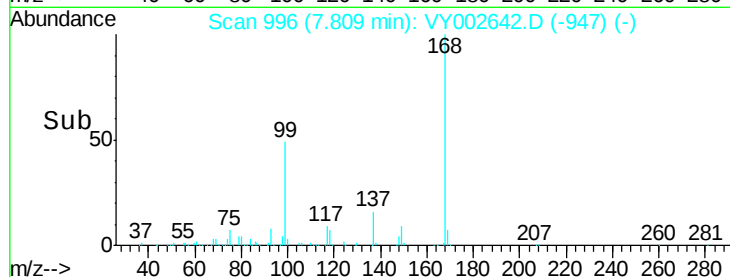
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.822 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002642.D

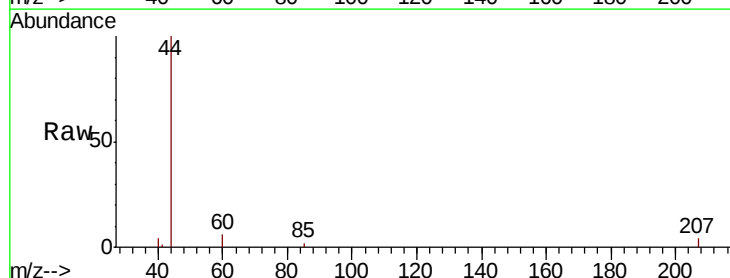
Acq: 08 May 2020 14:59

Tgt Ion: 85 Resp: 106

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

100

80

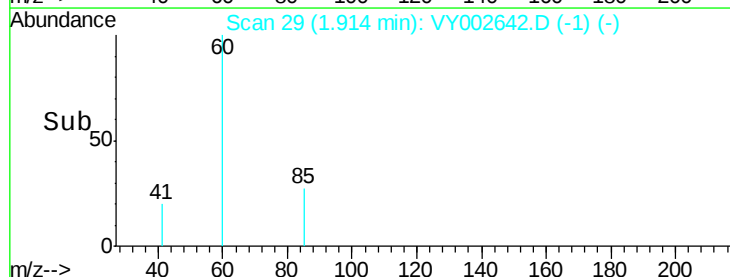
60

40

20

0

Time-->

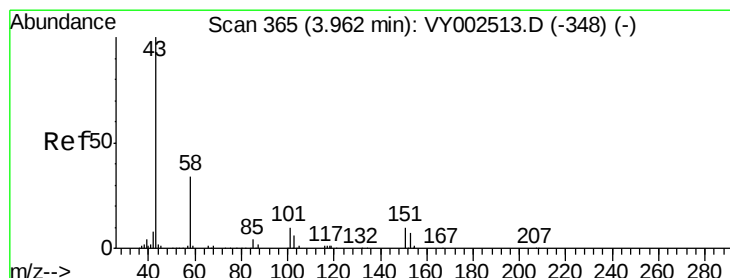
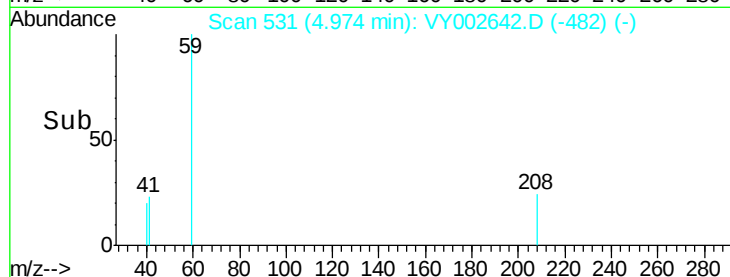
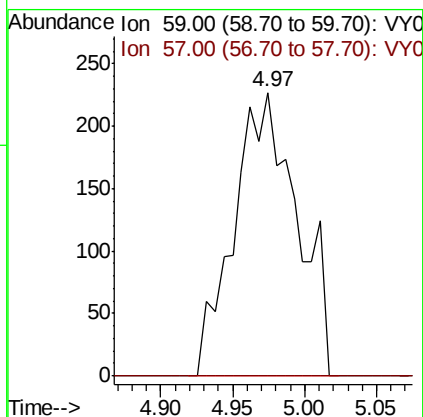
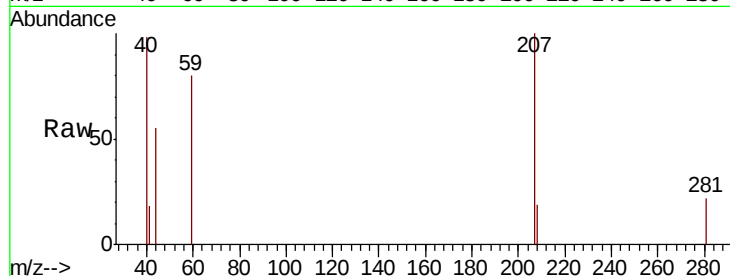




#11  
Tert butyl alcohol  
Concen: 2.424 ug/l  
RT: 4.97 min Scan# 531  
Delta R.T. -0.00 min  
Lab File: VY002642.D  
Acq: 08 May 2020 14:59

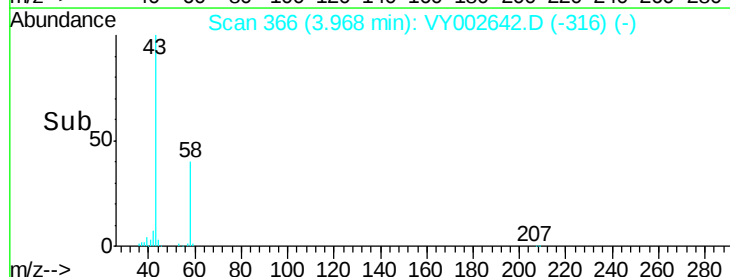
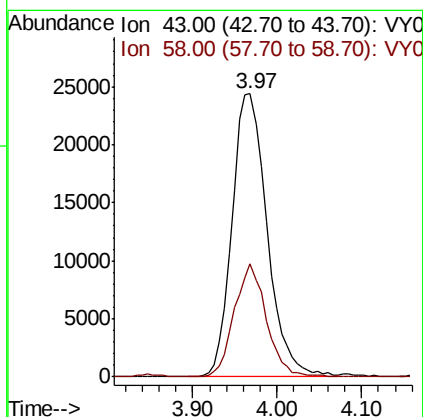
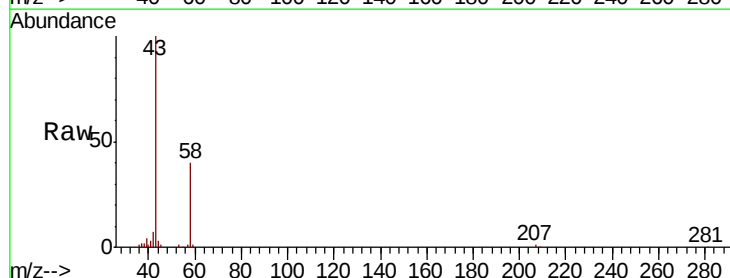
Instrument :  
MSVOA\_Y  
ClientSampled :

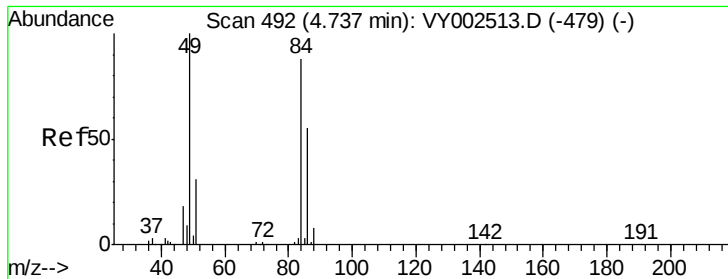
Tot Ion: 59 Resp: 691  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.6#



#16  
Acetone  
Concen: 120.252 ug/l  
RT: 3.97 min Scan# 366  
Delta R.T. 0.01 min  
Lab File: VY002642.D  
Acq: 08 May 2020 14:59

Tgt Ion: 43 Resp: 68776  
Ion Ratio Lower Upper  
43 100  
58 39.8 26.9 40.3

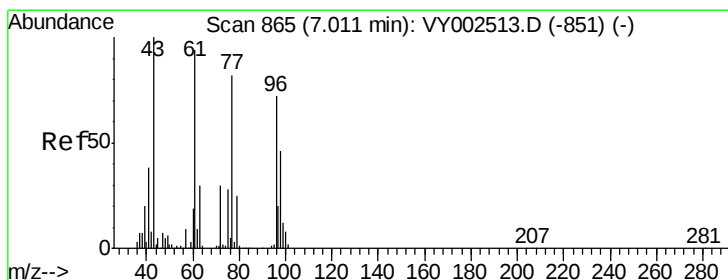
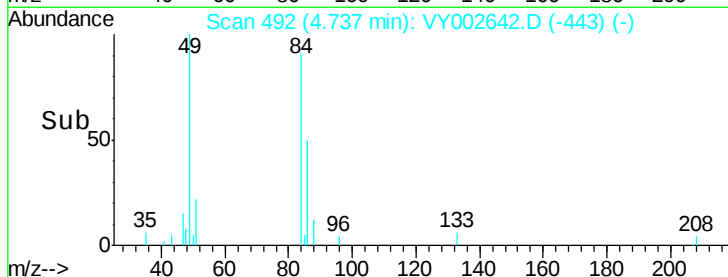
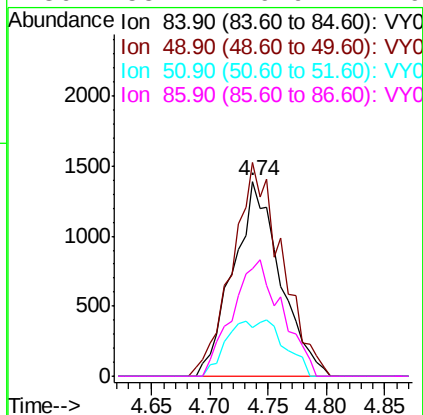
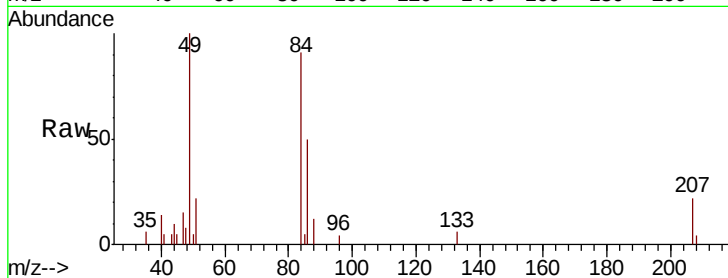




#20  
Methylene Chloride  
Concen: 1.219 ug/l  
RT: 4.74 min Scan# 492  
Delta R.T. -0.00 min  
Lab File: VY002642.D  
Acq: 08 May 2020 14:59

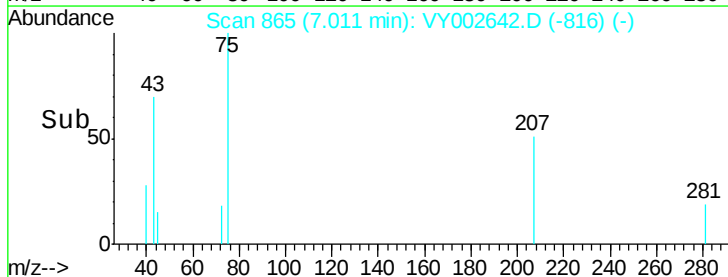
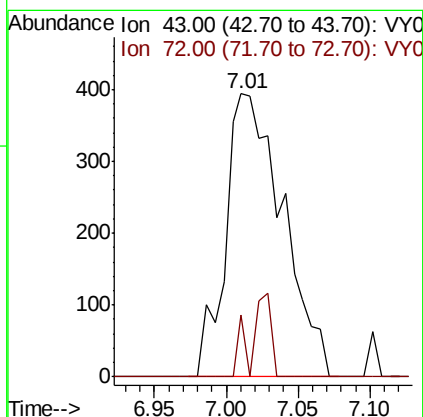
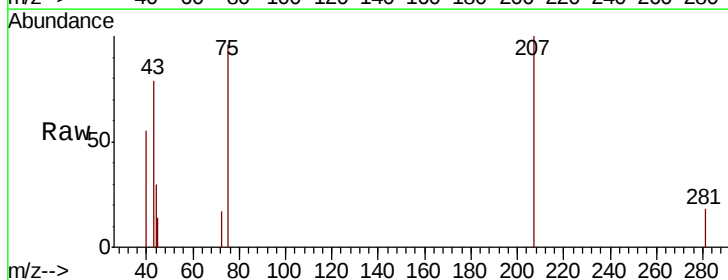
Instrument :  
MSVOA\_Y  
ClientSampleId :

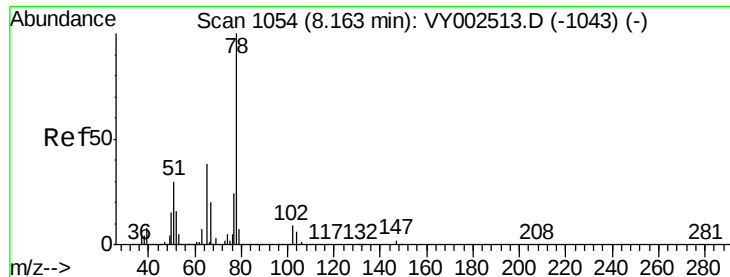
Tot Ion: 84 Resp: 3899  
Ion Ratio Lower Upper  
84 100  
49 109.6 90.5 135.7  
51 24.7 28.3 42.5#  
86 55.1 49.9 74.9



#25  
2-Butanone  
Concen: 1.164 ug/l  
RT: 7.01 min Scan# 865  
Delta R.T. -0.00 min  
Lab File: VY002642.D  
Acq: 08 May 2020 14:59

Tgt Ion: 43 Resp: 1090  
Ion Ratio Lower Upper  
43 100  
72 21.8 24.1 36.1#

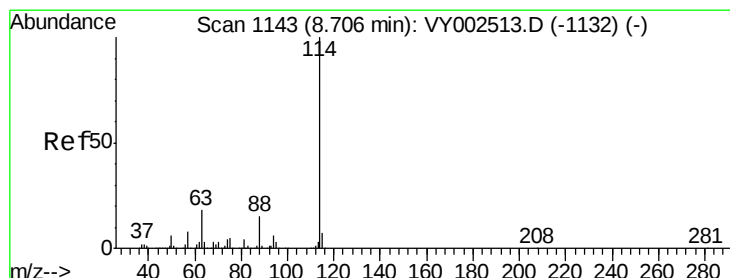
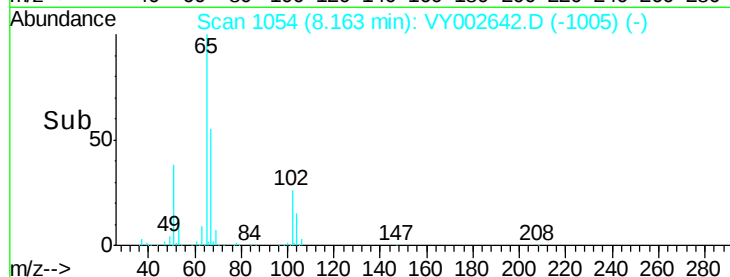
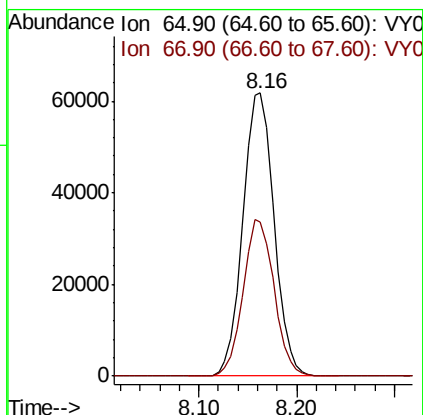
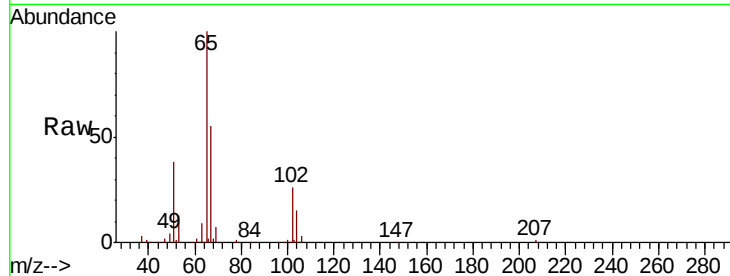




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.366 ug/l  
 RT: 8.16 min Scan# 1054  
 Delta R.T. -0.00 min  
 Lab File: VY002642.D  
 Acq: 08 May 2020 14:59

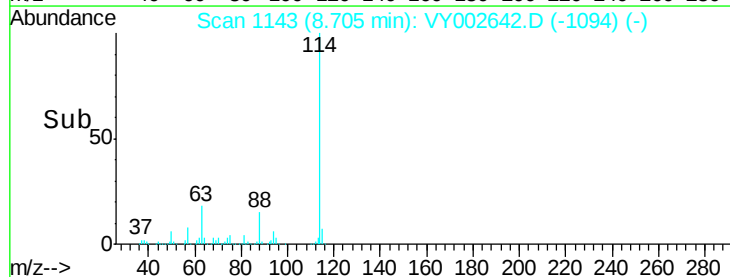
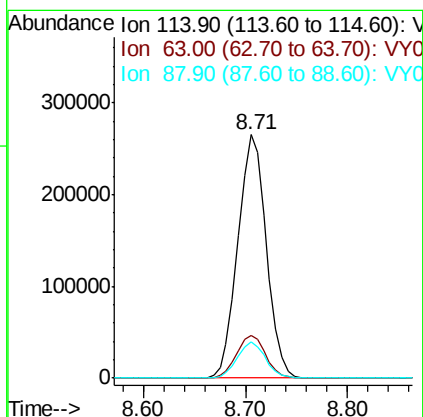
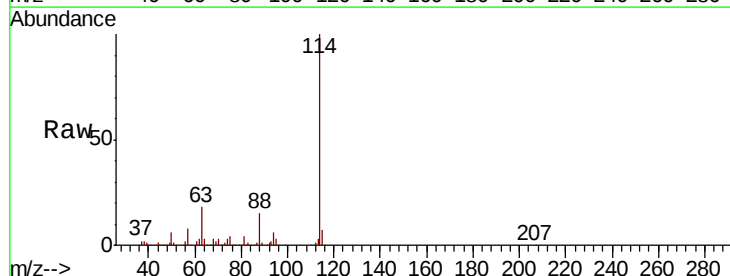
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

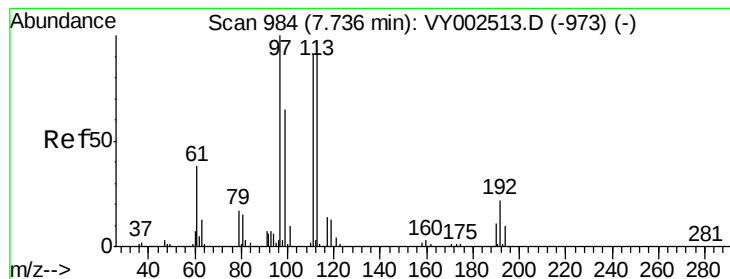
Tot Ion: 65 Resp: 136806  
 Ion Ratio Lower Upper  
 65 100  
 67 54.7 0.0 107.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.71 min Scan# 1143  
 Delta R.T. -0.00 min  
 Lab File: VY002642.D  
 Acq: 08 May 2020 14:59

Tgt Ion: 114 Resp: 511755  
 Ion Ratio Lower Upper  
 114 100  
 63 17.7 0.0 36.4  
 88 15.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.975 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002642.D

Acq: 08 May 2020 14:59

Instrument :  
MSVOA\_Y  
ClientSampleId :

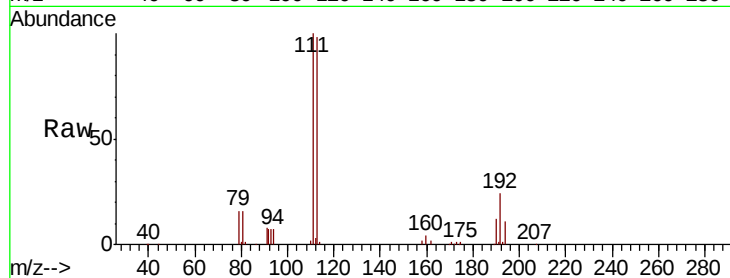
Tot Ion:113 Resp: 149191

Ion Ratio Lower Upper

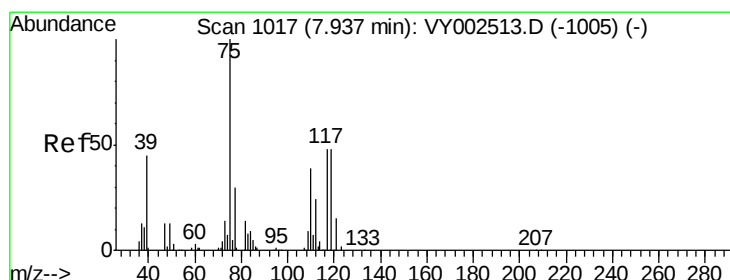
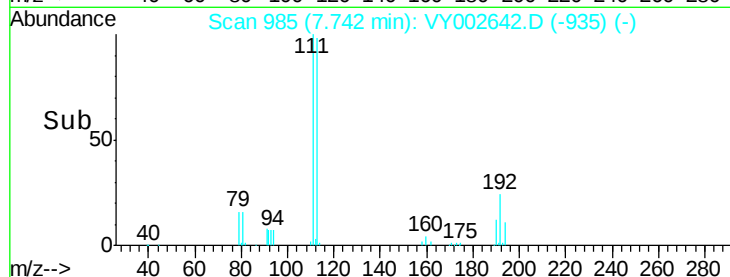
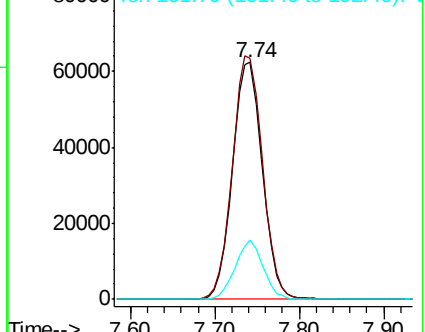
113 100

111 103.7 81.8 122.6

192 23.2 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: 4.986 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.13 min

Lab File: VY002642.D

Acq: 08 May 2020 14:59

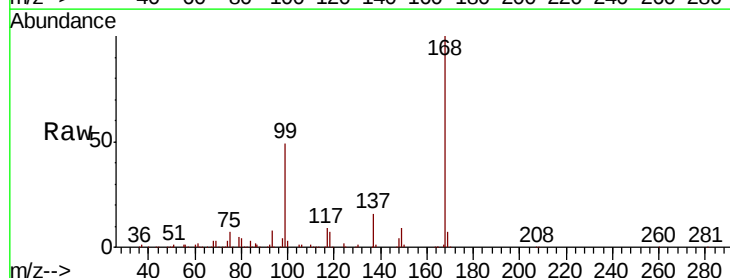
Tgt Ion: 75 Resp: 21391

Ion Ratio Lower Upper

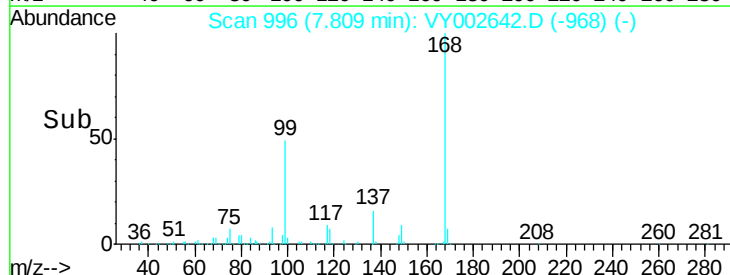
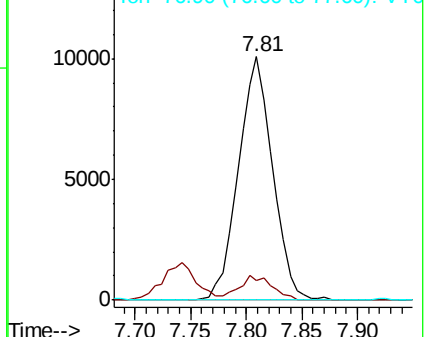
75 100

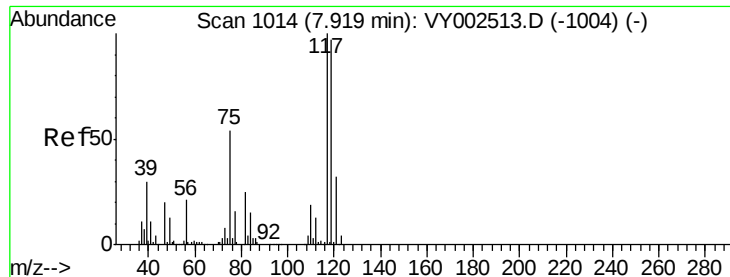
110 9.5 19.1 57.3#

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): V  
Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.320 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.11 min

Lab File: VY002642.D

Acq: 08 May 2020 14:59

Instrument :

MSVOA\_Y

ClientSampleId :

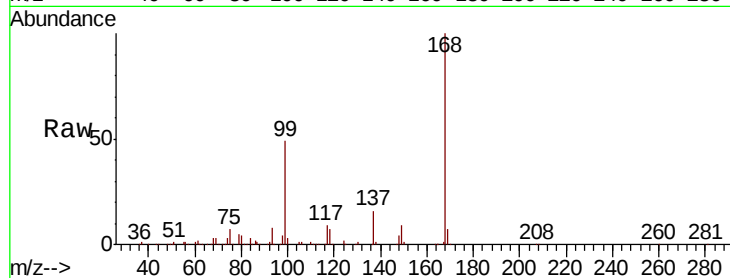
Tot Ion:117 Resp: 29601

Ion Ratio Lower Upper

117 100

119 4.3 77.1 115.7#

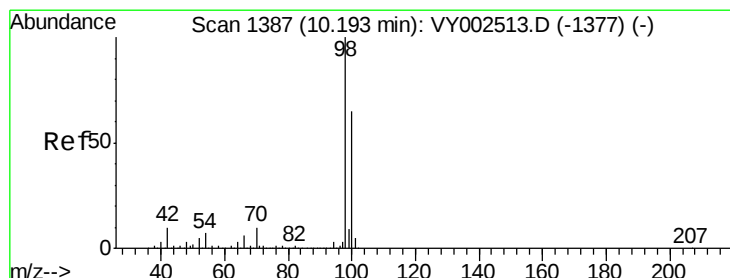
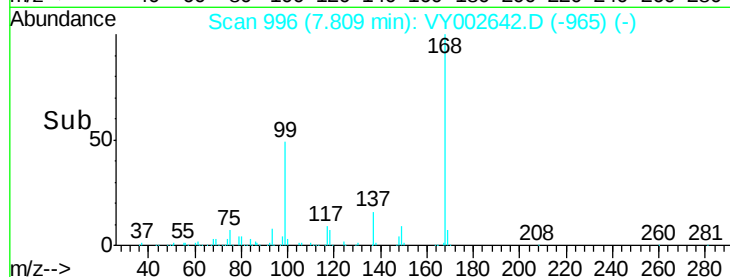
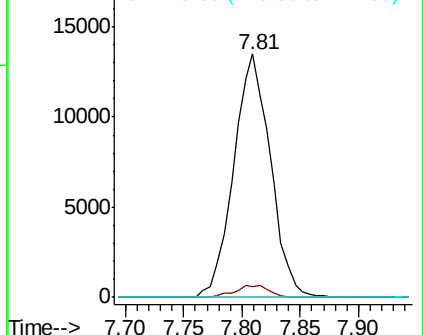
121 0.0 25.2 37.8#



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



#50

Toluene-d8

Concen: 52.043 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY002642.D

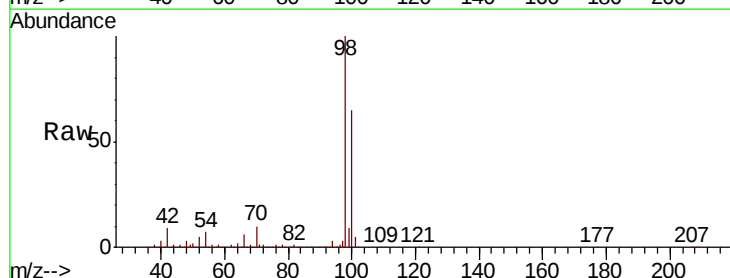
Acq: 08 May 2020 14:59

Tgt Ion: 98 Resp: 594814

Ion Ratio Lower Upper

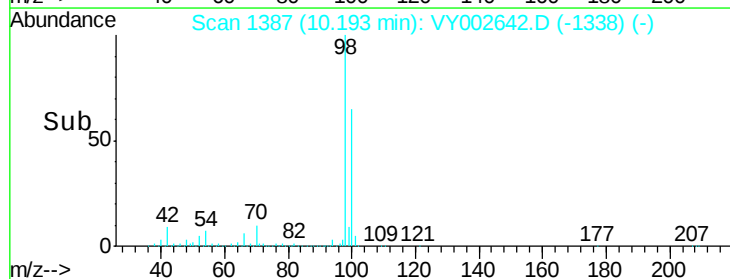
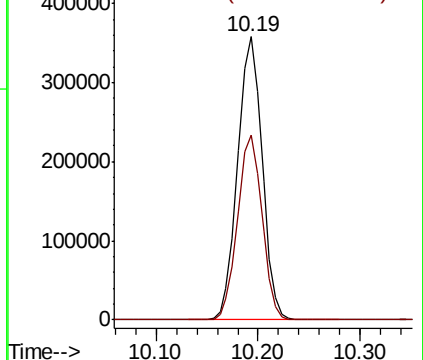
98 100

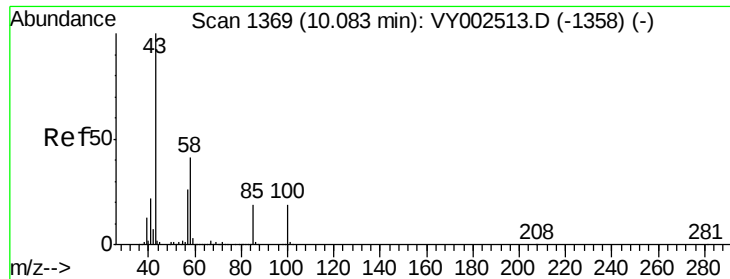
100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#51

4-Methyl-2-Pentanone

Concen: 3.782 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY002642.D

Acq: 08 May 2020 14:59

Instrument :

MSVOA\_Y

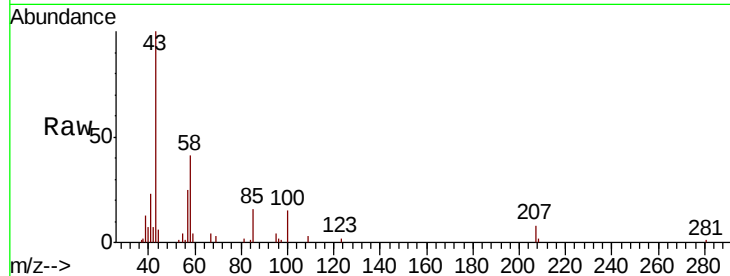
ClientSampled :

Tot Ion: 43 Resp: 8057

Ion Ratio Lower Upper

43 100

58 40.8 33.2 49.8

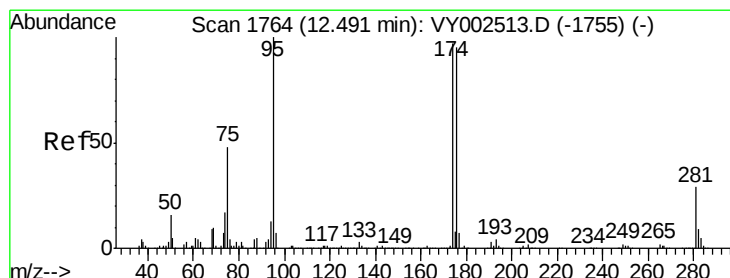
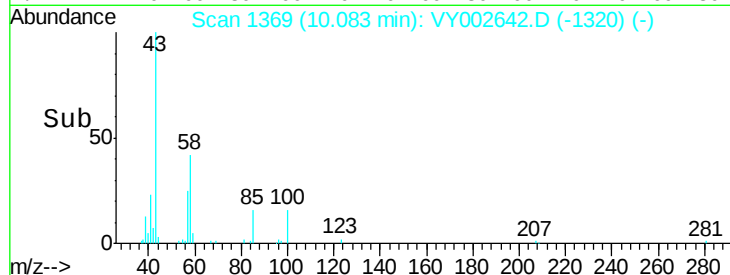


Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-1358) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-1358) (-)

10.08

Time-->



#62

4-Bromofluorobenzene

Concen: 48.334 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002642.D

Acq: 08 May 2020 14:59

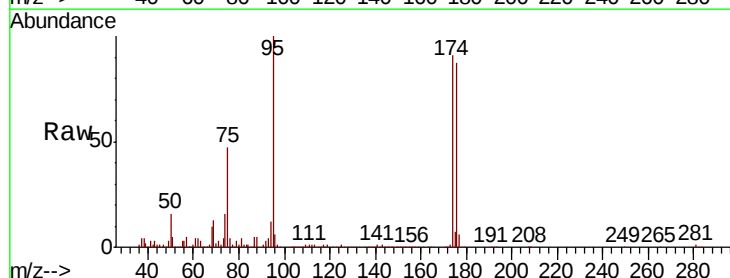
Tgt Ion: 95 Resp: 187452

Ion Ratio Lower Upper

95 100

174 92.6 0.0 188.8

176 90.1 0.0 183.2



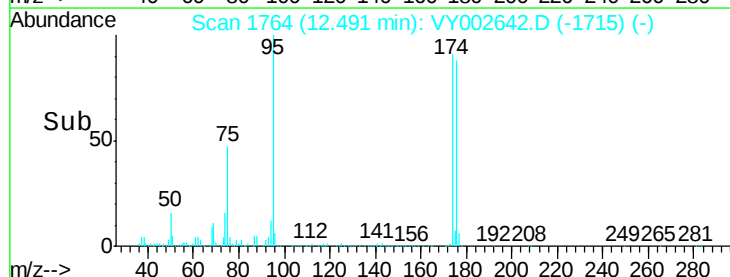
Abundance Ion 94.90 (94.60 to 95.60): VY002513.D (-1755) (-)

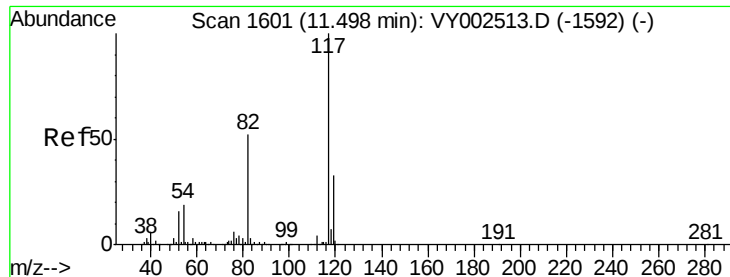
Ion 173.80 (173.50 to 174.50): VY002513.D (-1755) (-)

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

12.49

Time-->

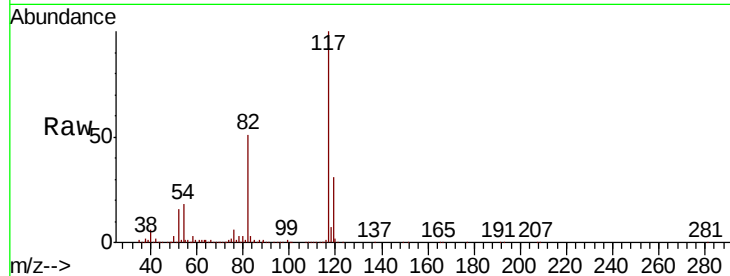




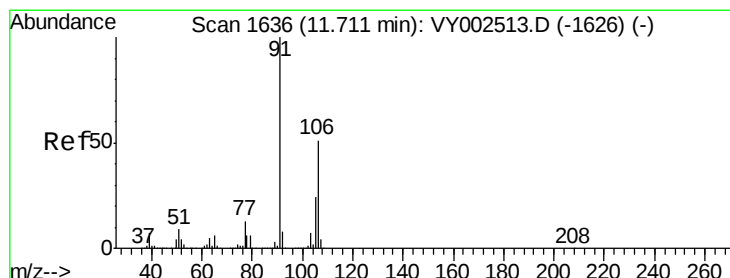
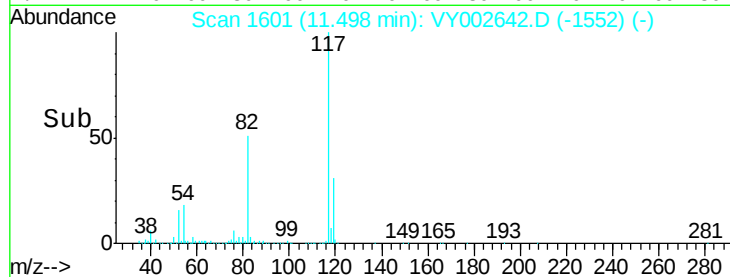
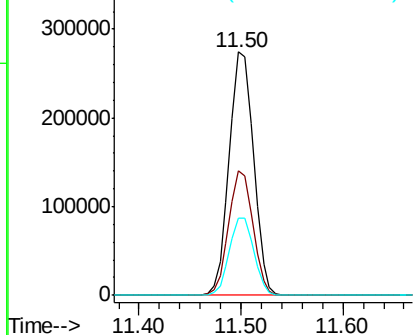
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.50 min Scan# 1601  
Delta R.T. -0.00 min  
Lab File: VY002642.D  
Acq: 08 May 2020 14:59

Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion:117 Resp: 453399  
Ion Ratio Lower Upper  
117 100  
82 51.3 41.3 61.9  
119 31.5 26.0 39.0

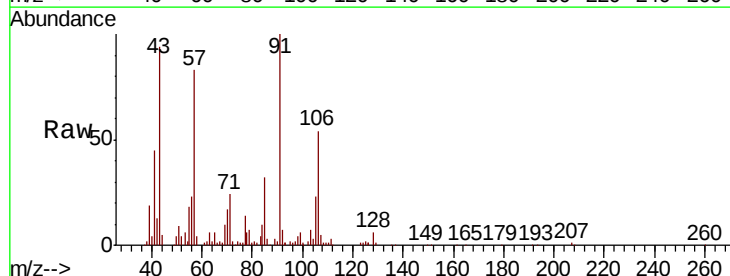


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VY0  
Ion 118.90 (118.60 to 119.60): V

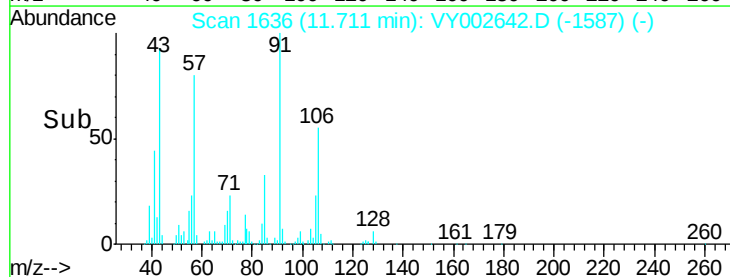
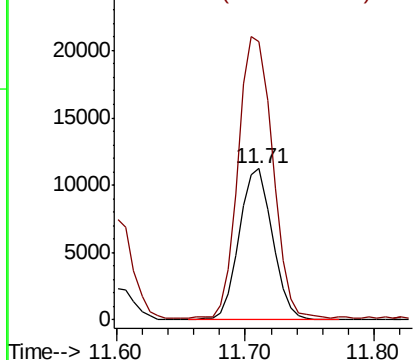


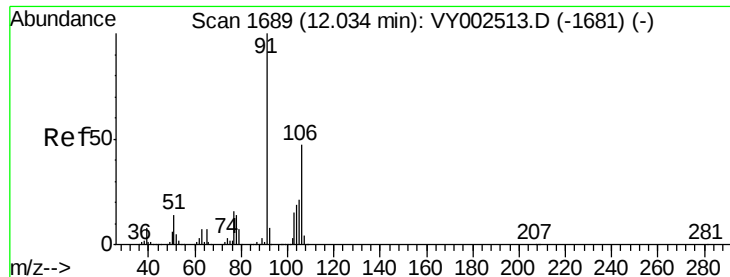
#68  
m/p-Xylenes  
Concen: 3.427 ug/l  
RT: 11.71 min Scan# 1636  
Delta R.T. -0.00 min  
Lab File: VY002642.D  
Acq: 08 May 2020 14:59

Tgt Ion:106 Resp: 20077  
Ion Ratio Lower Upper  
106 100  
91 192.6 155.2 232.8



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

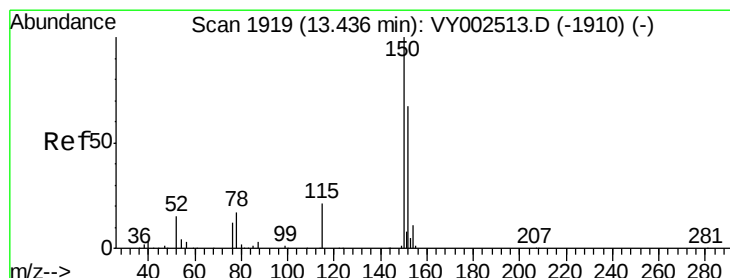
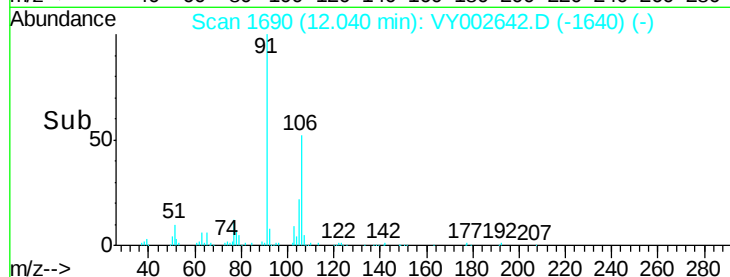
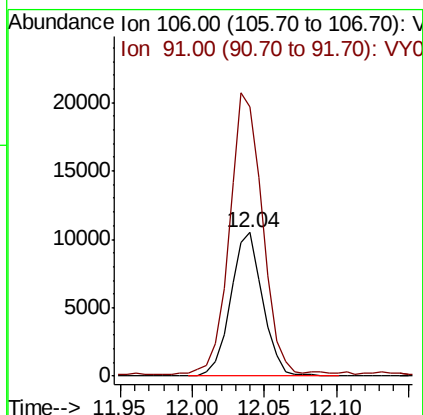
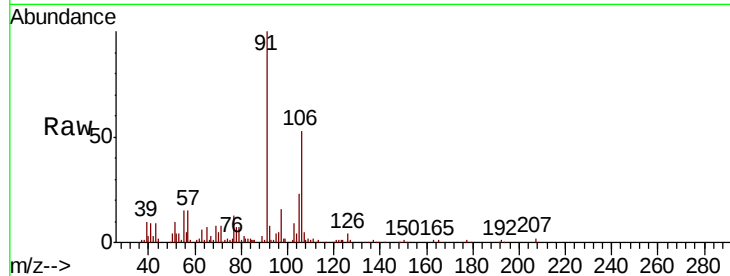




#69  
o-Xylene  
Concen: 2.960 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. 0.01 min  
Lab File: VY002642.D  
Acq: 08 May 2020 14:59

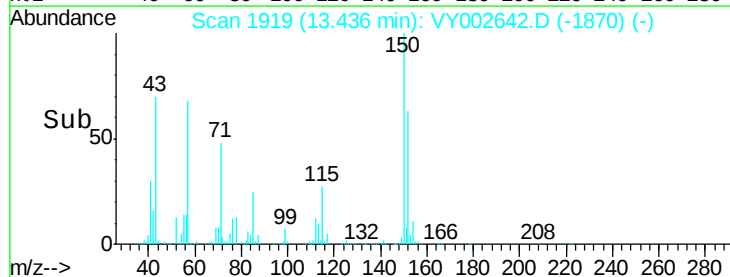
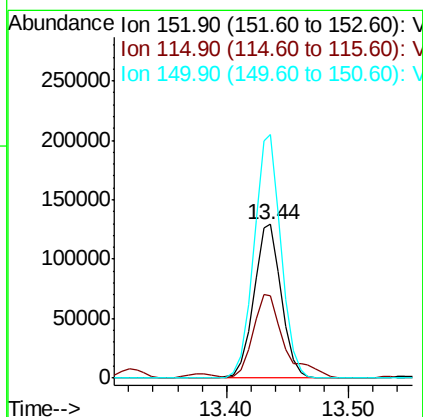
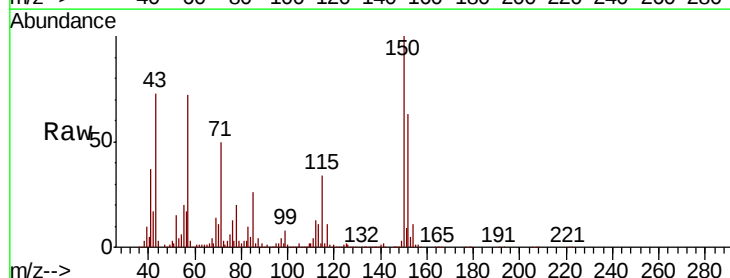
Instrument :  
MSVOA\_Y  
ClientSampled :

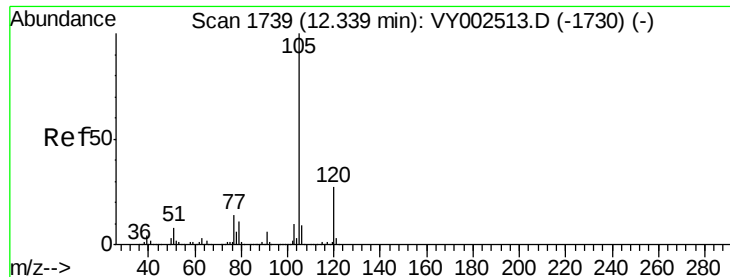
Tot Ion:106 Resp: 16236  
Ion Ratio Lower Upper  
106 100  
91 201.4 103.8 311.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.44 min Scan# 1919  
Delta R.T. -0.00 min  
Lab File: VY002642.D  
Acq: 08 May 2020 14:59

Tgt Ion:152 Resp: 200229  
Ion Ratio Lower Upper  
152 100  
115 61.6 27.5 82.4  
150 157.1 0.0 346.4





#73

Isopropylbenzene

Concen: 1.315 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002642.D

Acq: 08 May 2020 14:59

Instrument :

MSVOA\_Y

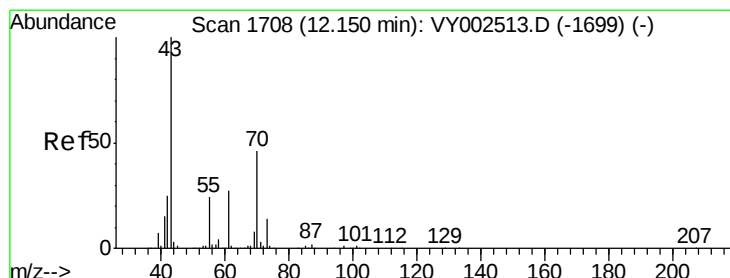
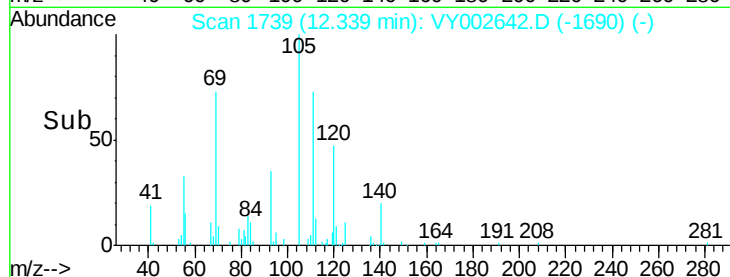
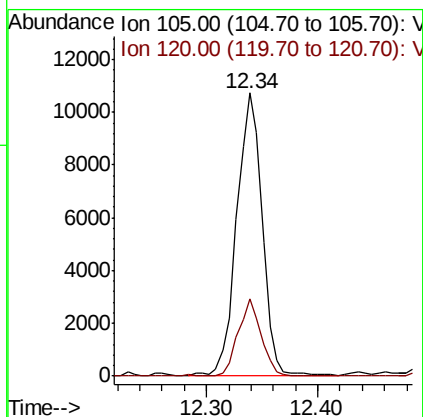
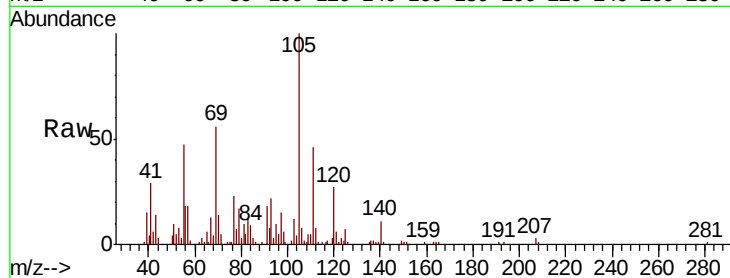
ClientSampleId :

Tot Ion:105 Resp: 17070

Ion Ratio Lower Upper

105 100

120 24.4 13.8 41.3



#74

N-ethyl acetate

Concen: 6.002 ug/l

RT: 12.13 min Scan# 1705

Delta R.T. -0.02 min

Lab File: VY002642.D

Acq: 08 May 2020 14:59

Tgt Ion: 43 Resp: 18736

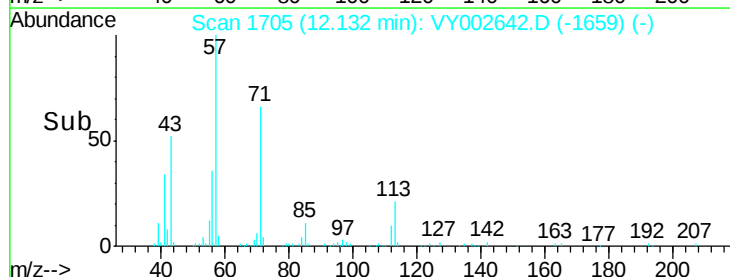
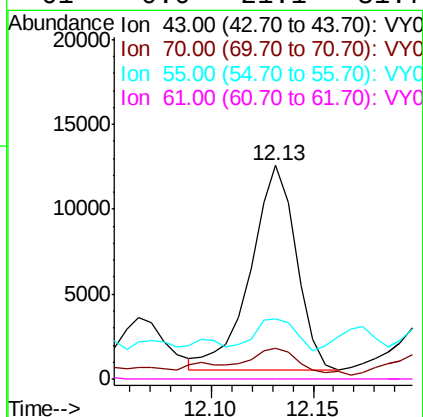
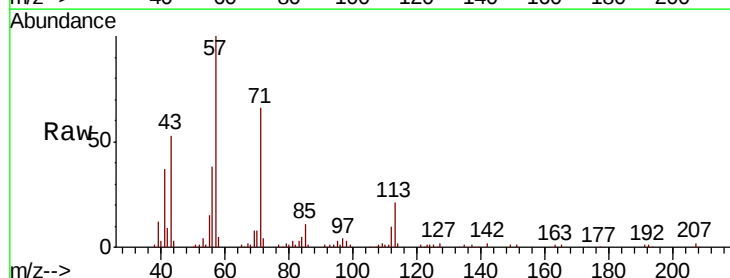
Ion Ratio Lower Upper

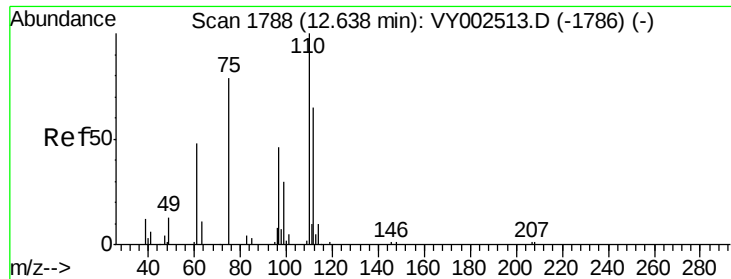
43 100

70 13.8 36.7 55.1#

55 14.0 19.2 28.8#

61 0.0 21.1 31.7#





#76

1,2,3-Trichloropropane

Concen: 50.468 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002642.D

Acq: 08 May 2020 14:59

Instrument :

MSVOA\_Y

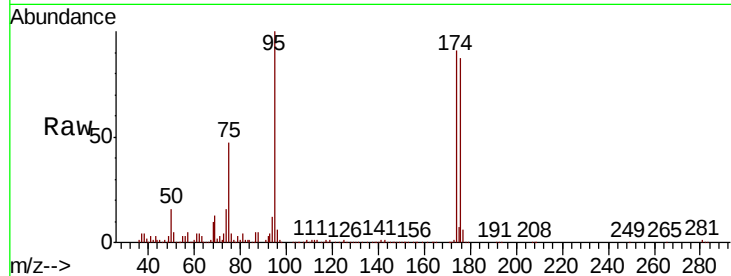
ClientSampleId :

Tot Ion: 75 Resp: 89801

Ion Ratio Lower Upper

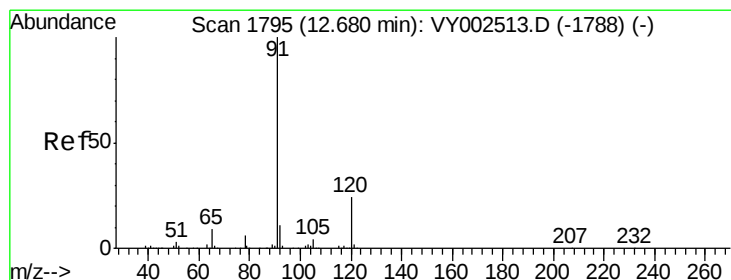
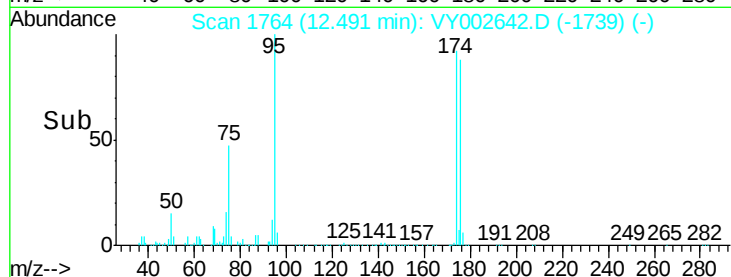
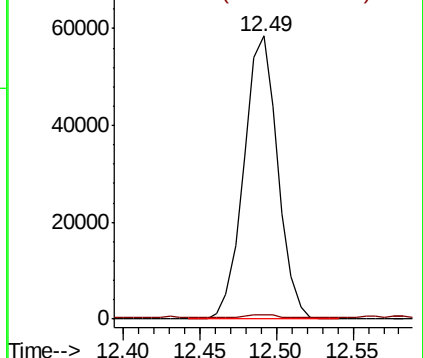
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#78

n-propylbenzene

Concen: 5.857 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002642.D

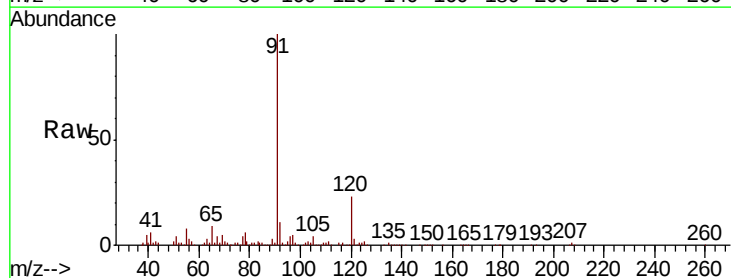
Acq: 08 May 2020 14:59

Tgt Ion: 91 Resp: 88198

Ion Ratio Lower Upper

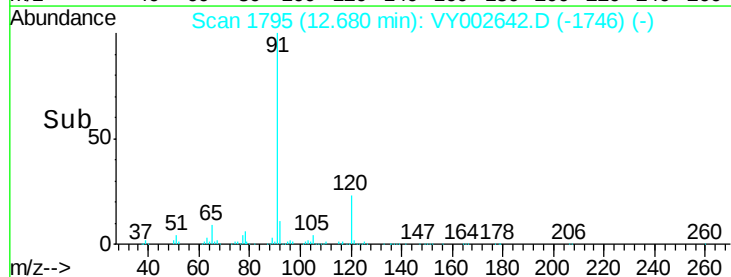
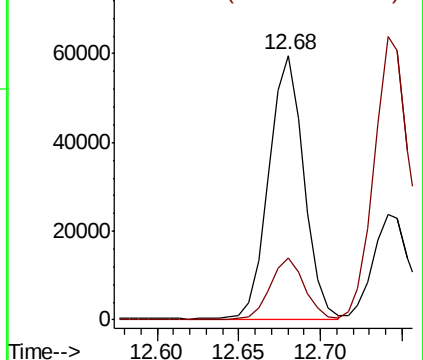
91 100

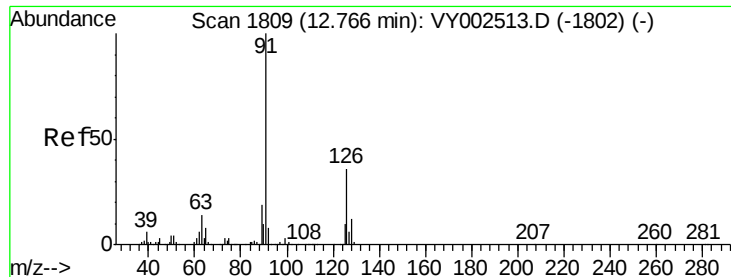
120 23.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.358 ug/l

RT: 12.74 min Scan# 1805

Delta R.T. -0.02 min

Lab File: VY002642.D

Acq: 08 May 2020 14:59

Instrument :

MSVOA\_Y

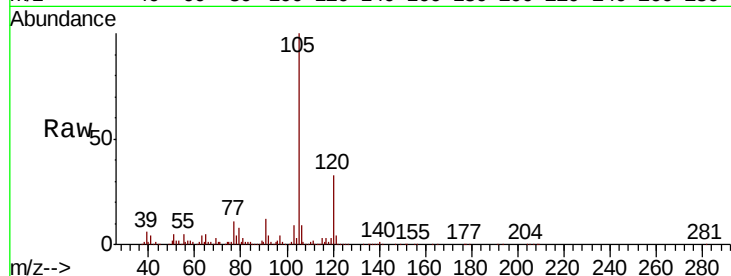
ClientSampled :

Tot Ion: 91 Resp: 36357

Ion Ratio Lower Upper

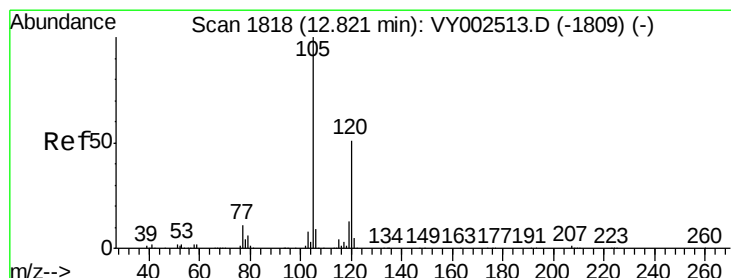
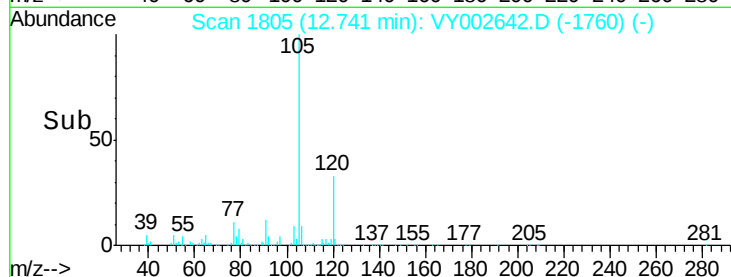
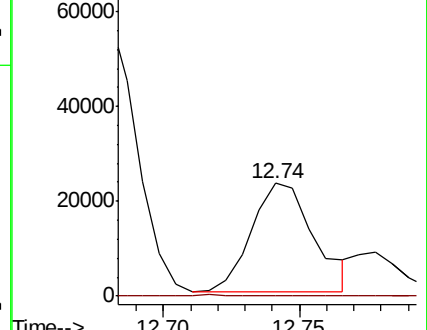
91 100

126 0.0 18.4 55.2#



Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY002513.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 14.487 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002642.D

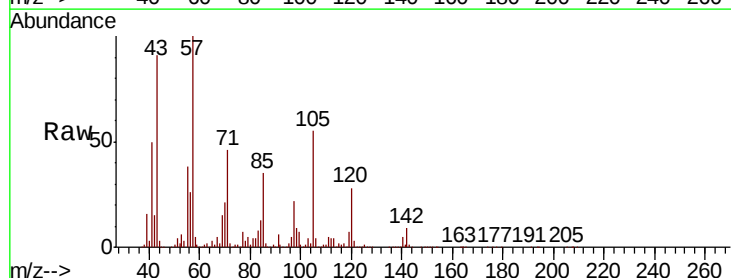
Acq: 08 May 2020 14:59

Tgt Ion: 105 Resp: 155834

Ion Ratio Lower Upper

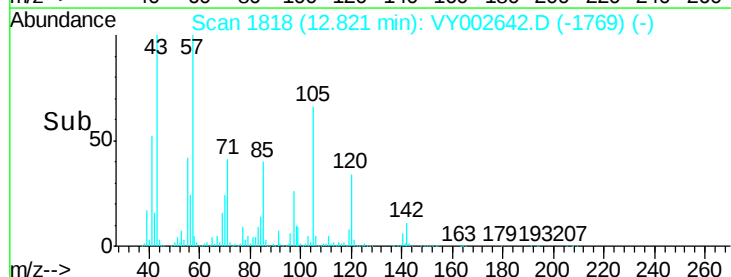
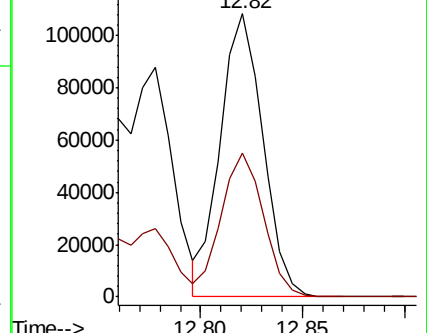
105 100

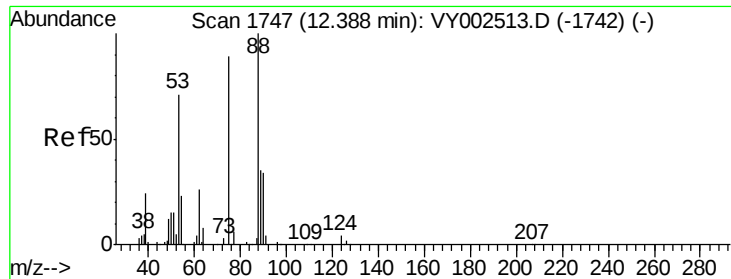
120 51.1 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY002513.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY002513.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 101.198 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002642.D

Acq: 08 May 2020 14:59

Instrument :

MSVOA\_Y

ClientSampleId :

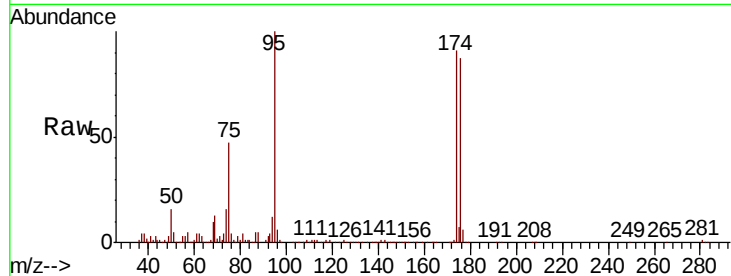
Tot Ion: 75 Resp: 89801

Ion Ratio Lower Upper

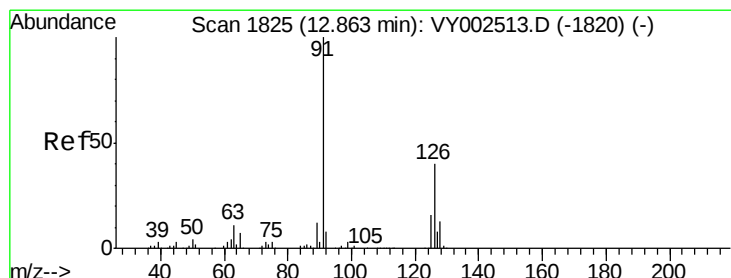
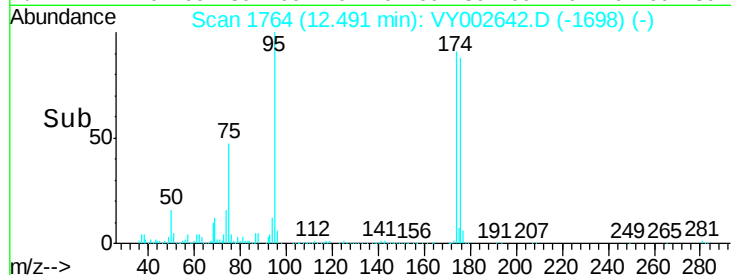
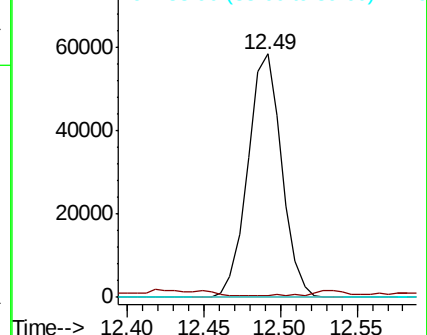
75 100

53 0.0 67.4 101.0#

89 0.0 37.4 56.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0  
Ion 53.00 (52.70 to 53.70): VY0  
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 1.868 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.04 min

Lab File: VY002642.D

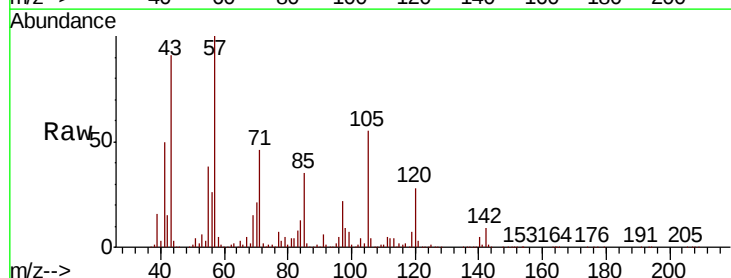
Acq: 08 May 2020 14:59

Tgt Ion: 91 Resp: 16372

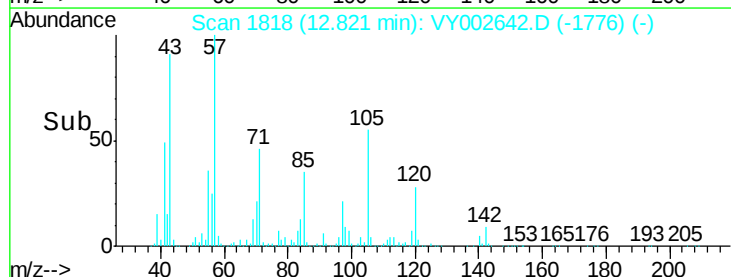
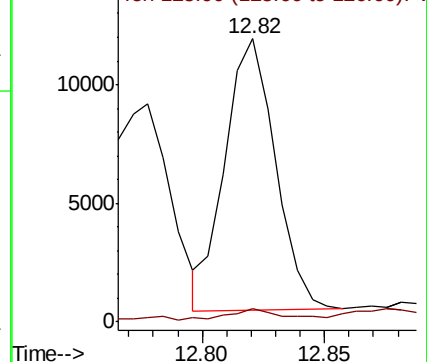
Ion Ratio Lower Upper

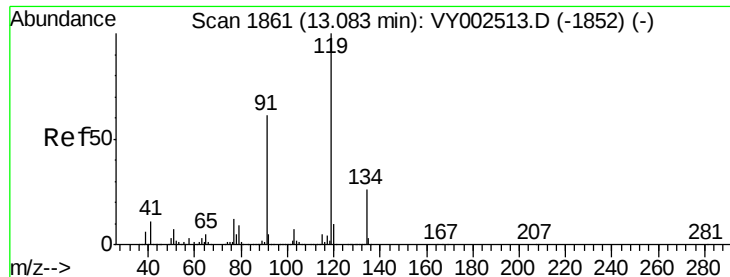
91 100

126 3.8 18.5 55.5#



Abundance Ion 91.00 (90.70 to 91.70): VY0  
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 9.893 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.05 min

Lab File: VY002642.D

Acq: 08 May 2020 14:59

Instrument :

MSVOA\_Y

ClientSampleId :

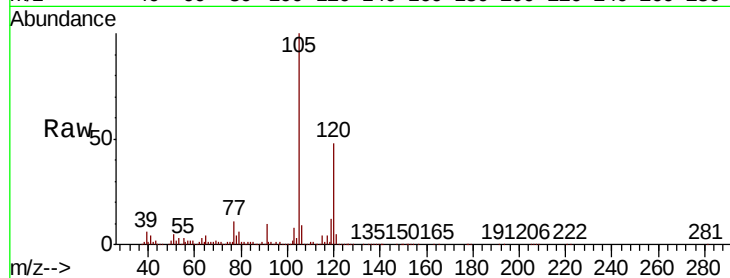
Tot Ion:119 Resp: 93304

Ion Ratio Lower Upper

119 100

91 78.6 30.6 91.6

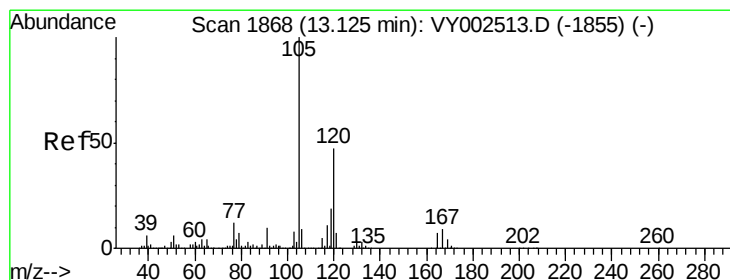
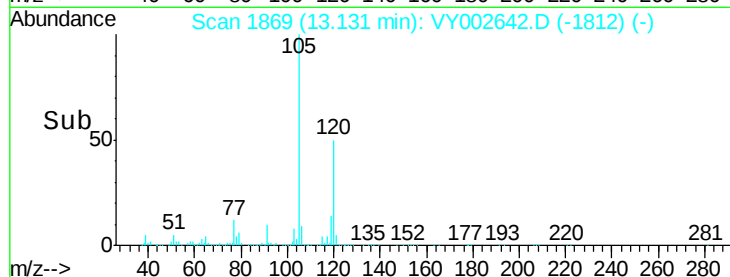
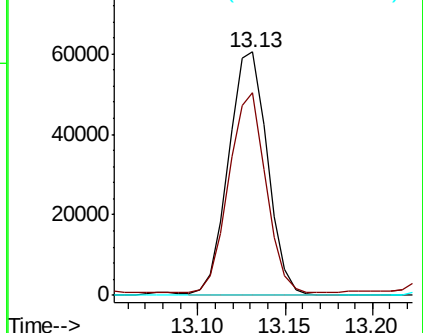
134 0.0 13.5 40.4#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 69.000 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY002642.D

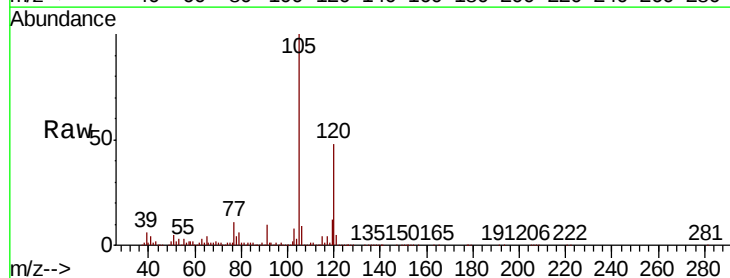
Acq: 08 May 2020 14:59

Tgt Ion:105 Resp: 739703

Ion Ratio Lower Upper

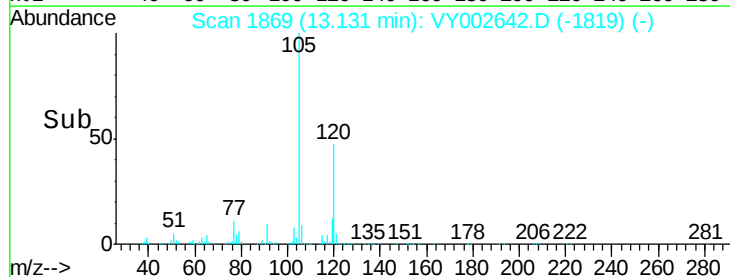
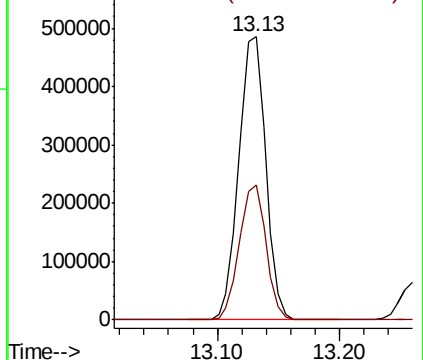
105 100

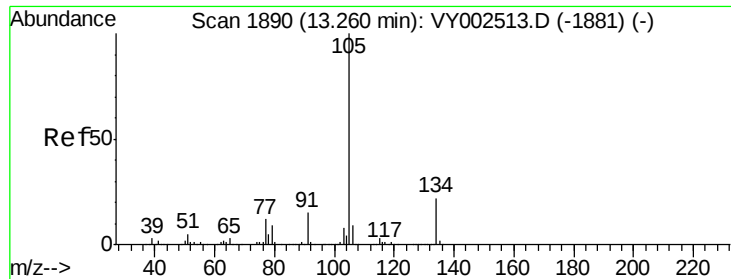
120 47.3 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 7.611 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002642.D

Acq: 08 May 2020 14:59

Instrument :

MSVOA\_Y

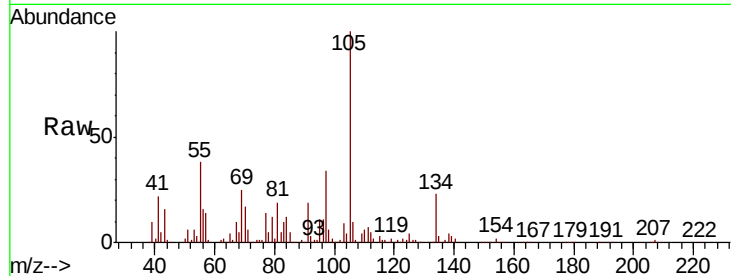
ClientSampleId :

Tot Ion:105 Resp: 99610

Ion Ratio Lower Upper

105 100

134 26.6 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

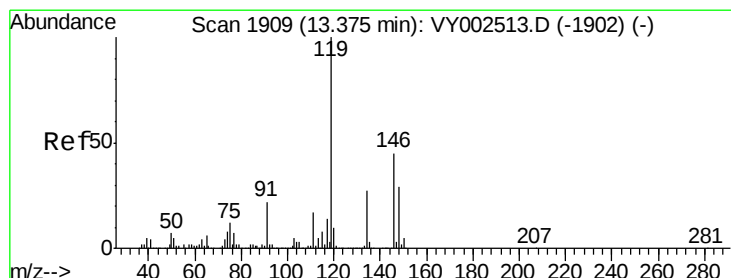
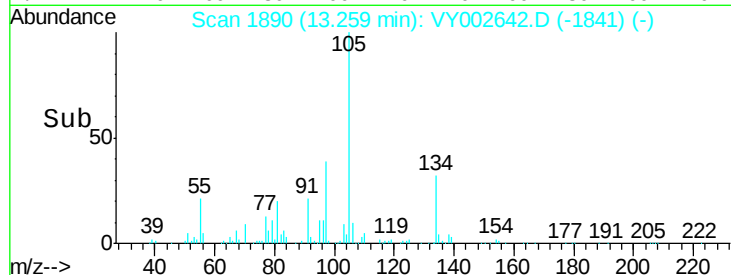
60000

40000

20000

0

Time-->



#86

p-Isopropyltoluene

Concen: 6.329 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002642.D

Acq: 08 May 2020 14:59

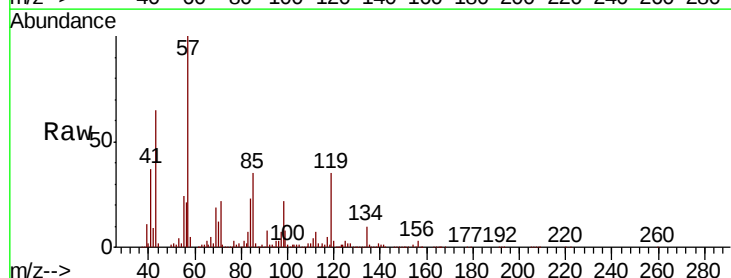
Tgt Ion:119 Resp: 77607

Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.5

91 21.3 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

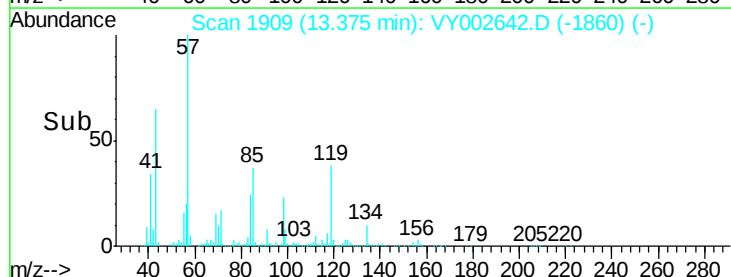
Ion 91.00 (90.70 to 91.70): VY0

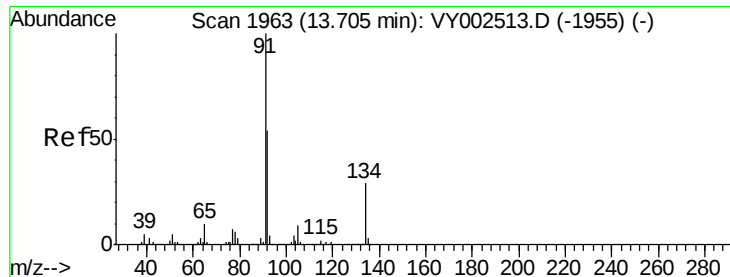
100000

50000

0

Time-->





#89

n-Butylbenzene

Concen: 18.666 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002642.D

Acq: 08 May 2020 14:59

Instrument :

MSVOA\_Y

ClientSampleId :

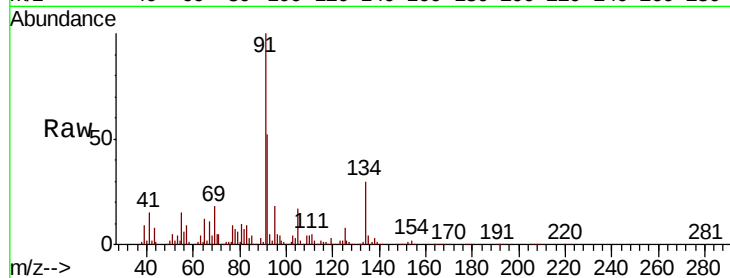
Tot Ion: 91 Resp: 208384

Ion Ratio Lower Upper

91 100

92 61.6 27.1 81.3

134 0.0 14.4 43.0#

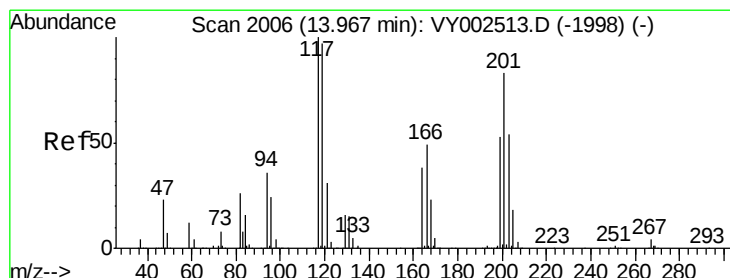
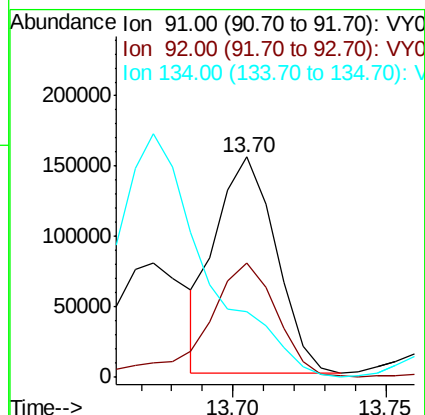
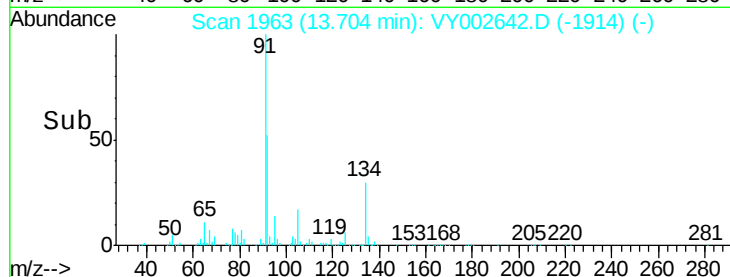


Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY002513.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY002513.D (-1955) (-)

Time-->



#90

Hexachloroethane

Concen: 31.315 ug/l

RT: 13.98 min Scan# 2008

Delta R.T. 0.01 min

Lab File: VY002642.D

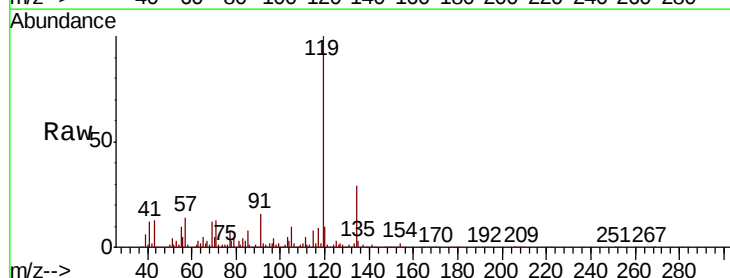
Acq: 08 May 2020 14:59

Tgt Ion: 117 Resp: 69934

Ion Ratio Lower Upper

117 100

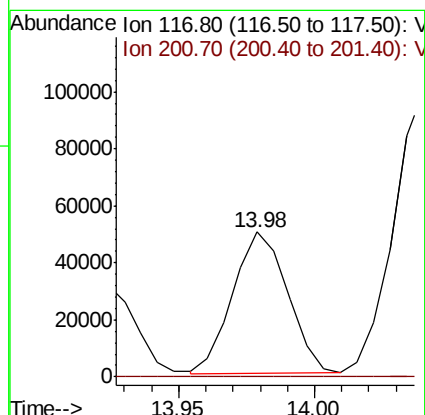
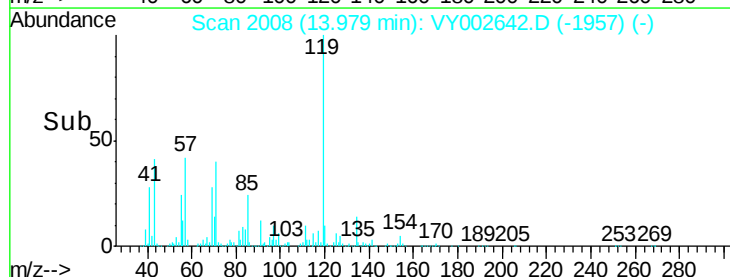
201 0.0 44.4 133.2#

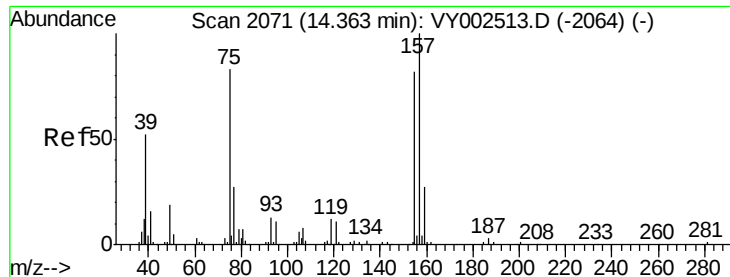


Abundance Ion 116.80 (116.50 to 117.50): VY002513.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY002513.D (-1998) (-)

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 13.062 ug/l

RT: 14.34 min Scan# 2068

Delta R.T. -0.02 min

Lab File: VY002642.D

Acq: 08 May 2020 14:59

Instrument :

MSVOA\_Y

ClientSampled :

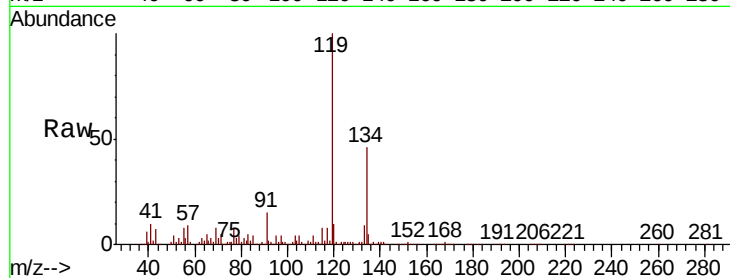
Tot Ion: 75 Resp: 5025

Ion Ratio Lower Upper

75 100

155 0.0 51.3 153.9#

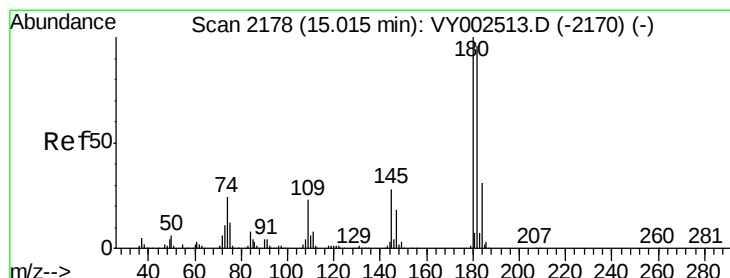
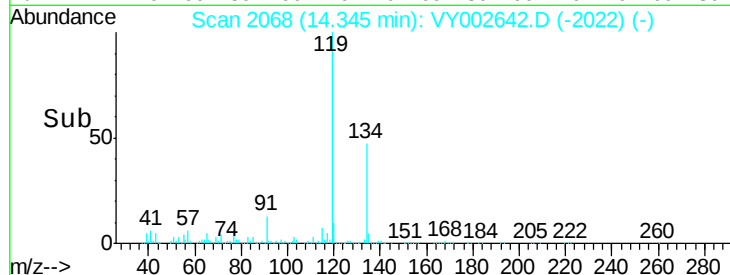
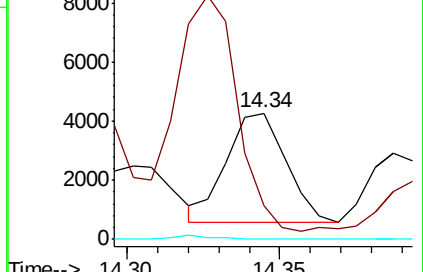
157 0.0 65.0 195.0#



Abundance Ion 74.90 (74.60 to 75.60): VY002513.D (-2064) (-)

Ion 154.80 (154.50 to 155.50): VY002513.D (-2064) (-)

Ion 156.80 (156.50 to 157.50): VY002513.D (-2064) (-)



#93

1,2,4-Trichlorobenzene

Concen: 1.828 ug/l

RT: 15.06 min Scan# 2185

Delta R.T. 0.04 min

Lab File: VY002642.D

Acq: 08 May 2020 14:59

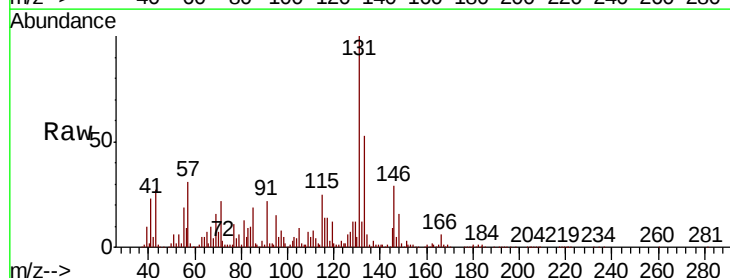
Tgt Ion: 180 Resp: 7268

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.6#

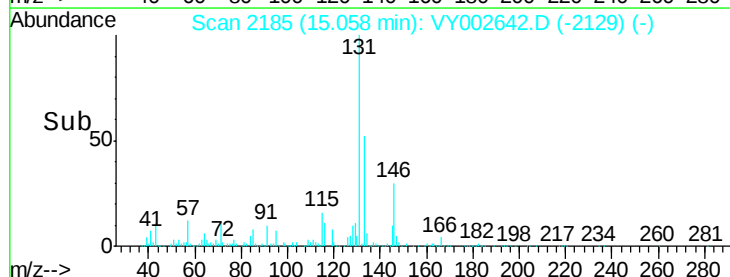
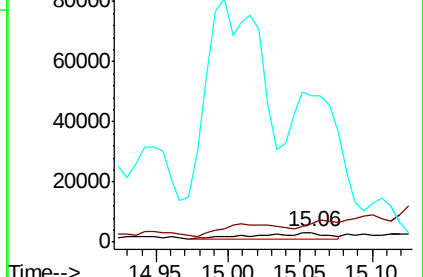
145 1176.5 14.4 43.0#

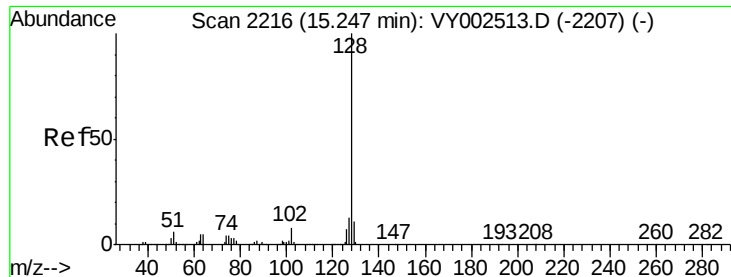


Abundance Ion 179.80 (179.50 to 180.50): VY002513.D (-2170) (-)

Ion 181.80 (181.50 to 182.50): VY002513.D (-2170) (-)

Ion 144.80 (144.50 to 145.50): VY002513.D (-2170) (-)





#95

Naphthalene

Concen: 70.604 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002642.D

Acq: 08 May 2020 14:59

Instrument :

MSVOA\_Y

ClientSampleId :

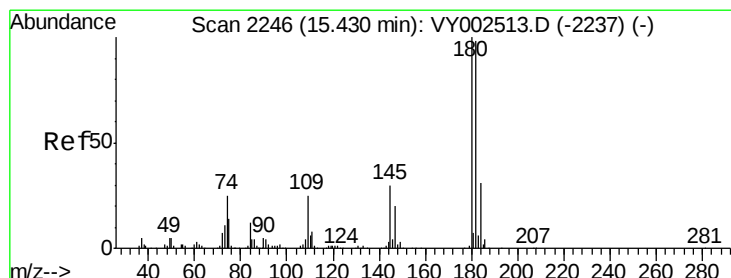
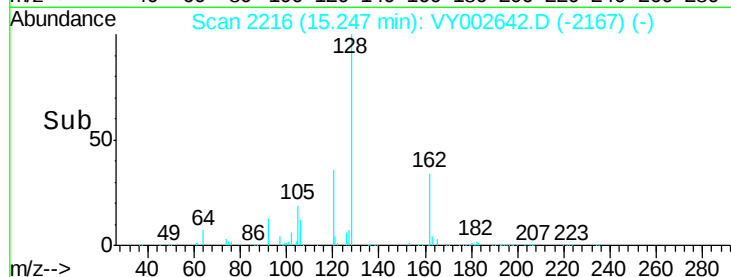
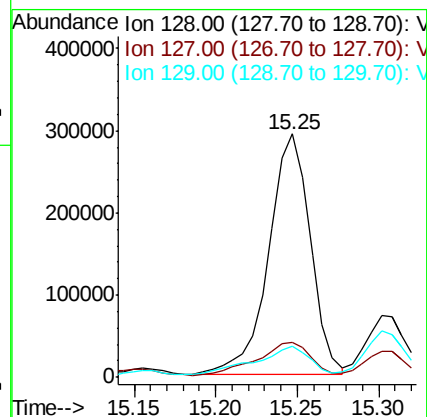
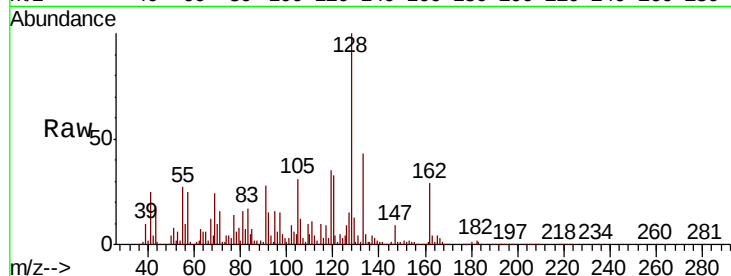
Tot Ion:128 Resp: 512005

Ion Ratio Lower Upper

128 100

127 17.7 10.5 15.7#

129 15.0 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 8.547 ug/l

RT: 15.40 min Scan# 2241

Delta R.T. -0.03 min

Lab File: VY002642.D

Acq: 08 May 2020 14:59

Tgt Ion:180 Resp: 28842

Ion Ratio Lower Upper

180 100

182 15.2 47.9 143.8#

145 610.9 15.0 45.1#

