

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW081420\  
 Data File : VW016194.D  
 Acq On : 14 Aug 2020 16:07  
 Operator : SY/VA  
 Sample : L3662-07  
 Misc : 8.51G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 24051

Quant Time: Aug 17 08:11:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081420S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 17 08:01:41 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.   | QIon | Response | Conc    | Units   | Dev(Min) |
|--------------------------------|--------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene          | 7.95   | 168  | 180374   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 8.84   | 114  | 323159   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 11.63  | 117  | 275164   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 13.56  | 152  | 91194    | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds    |        |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4      | 8.30   | 65   | 95885    | 54.51   | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =       | 109.02% |          |
| 35) Dibromofluoromethane       | 7.88   | 113  | 97341    | 48.82   | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =       | 97.64%  |          |
| 50) Toluene-d8                 | 10.32  | 98   | 383972   | 49.75   | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =       | 99.50%  |          |
| 62) 4-Bromofluorobenzene       | 12.62  | 95   | 121034   | 43.87   | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =       | 87.74%  |          |
| Target Compounds               |        |      |          |         |         |          |
|                                |        |      |          |         | Qvalue  |          |
| 3) Chloromethane               | 2.31   | 50   | 3046     | 2.332   | ug/l #  | 73       |
| 8) Diethyl Ether               | 3.68   | 74   | 997      | 1.074   | ug/l    | 74       |
| 11) Tert butyl alcohol         | 5.18   | 59   | 8397     | 89.696  | ug/l #  | 83       |
| 16) Acetone                    | 4.12   | 43   | 32548    | 96.590  | ug/l    | 97       |
| 18) Methyl Acetate             | 4.68   | 43   | 1278     | 1.629   | ug/l    | 90       |
| 20) Methylene Chloride         | 4.91   | 84   | 30281    | 10.569  | ug/l    | 96       |
| 25) 2-Butanone                 | 7.19   | 43   | 1767     | 3.913   | ug/l #  | 72       |
| 31) Cyclohexane                | 7.95   | 56   | 3907     | 1.217   | ug/l #  | 17       |
| 36) 1,1-Dichloropropene        | 7.95   | 75   | 13812    | 4.339   | ug/l #  | 49       |
| 37) Ethyl Acetate              | 7.19   | 43   | 1767     | 1.619   | ug/l #  | 65       |
| 38) Carbon Tetrachloride       | 7.95   | 117  | 18637    | 5.866   | ug/l #  | 18       |
| 39) Methylcyclohexane          | 9.34   | 83   | 4464     | 1.164   | ug/l    | 91       |
| 55) 1,1,2-Trichloroethane      | 10.77  | 97   | 6436     | 4.047   | ug/l #  | 18       |
| 59) 2-Hexanone                 | 10.93  | 43   | 886      | 1.247   | ug/l #  | 22       |
| 68) m/p-Xylenes                | 11.83  | 106  | 35416    | 9.090   | ug/l    | 99       |
| 69) o-Xylene                   | 12.16  | 106  | 23702    | 6.829   | ug/l    | 97       |
| 73) Isopropylbenzene           | 12.46  | 105  | 18300    | 2.633   | ug/l #  | 74       |
| 74) N-amyl acetate             | 12.25  | 43   | 2506     | 2.014   | ug/l #  | 39       |
| 76) 1,2,3-Trichloropropane     | 12.62  | 75   | 56453    | 67.311  | ug/l #  | 1        |
| 78) n-propylbenzene            | 12.80  | 91   | 18983    | 2.289   | ug/l    | 100      |
| 79) 2-Chlorotoluene            | 12.87  | 91   | 12057    | 2.516   | ug/l #  | 45       |
| 80) 1,3,5-Trimethylbenzene     | 12.94  | 105  | 59980    | 10.055  | ug/l    | 89       |
| 81) trans-1,4-Dichloro-2-buten | 12.62  | 75   | 56453    | 161.455 | ug/l #  | 13       |
| 82) 4-Chlorotoluene            | 12.94  | 91   | 6879     | 1.379   | ug/l #  | 50       |
| 84) 1,2,4-Trimethylbenzene     | 13.25  | 105  | 248868   | 42.159  | ug/l    | 98       |
| 85) sec-Butylbenzene           | 13.38  | 105  | 19025    | 2.677   | ug/l #  | 66       |
| 86) p-Isopropyltoluene         | 13.50  | 119  | 25468    | 3.963   | ug/l    | 94       |
| 89) n-Butylbenzene             | 13.82  | 91   | 17763    | 2.988   | ug/l #  | 73       |
| 90) Hexachloroethane           | 14.10  | 117  | 9260     | 7.721   | ug/l #  | 17       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.46  | 75   | 759      | 4.246   | ug/l #  | 11       |
| 93) 1,2,4-Trichlorobenzene     | 15.17  | 180  | 2862     | 1.788   | ug/l #  | 1        |
| 95) Naphthalene                | 15.37  | 128  | 10004    | 6.345   | ug/l #  | 69       |
| 96) 1,2,3-Trichlorobenzene     | 15.58  | 180  | 14548    | 10.585  | ug/l #  | 13       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW081420\  
Data File : VW016194.D  
Acq On : 14 Aug 2020 16:07  
Operator : SY/VA  
Sample : L3662-07  
Misc : 8.51G/5ML/MSVOA\_W/SOIL  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
24051

Quant Time: Aug 17 08:11:48 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081420S.M  
Quant Title : SW846 8260  
QLast Update : Mon Aug 17 08:01:41 2020  
Response via : Initial Calibration

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

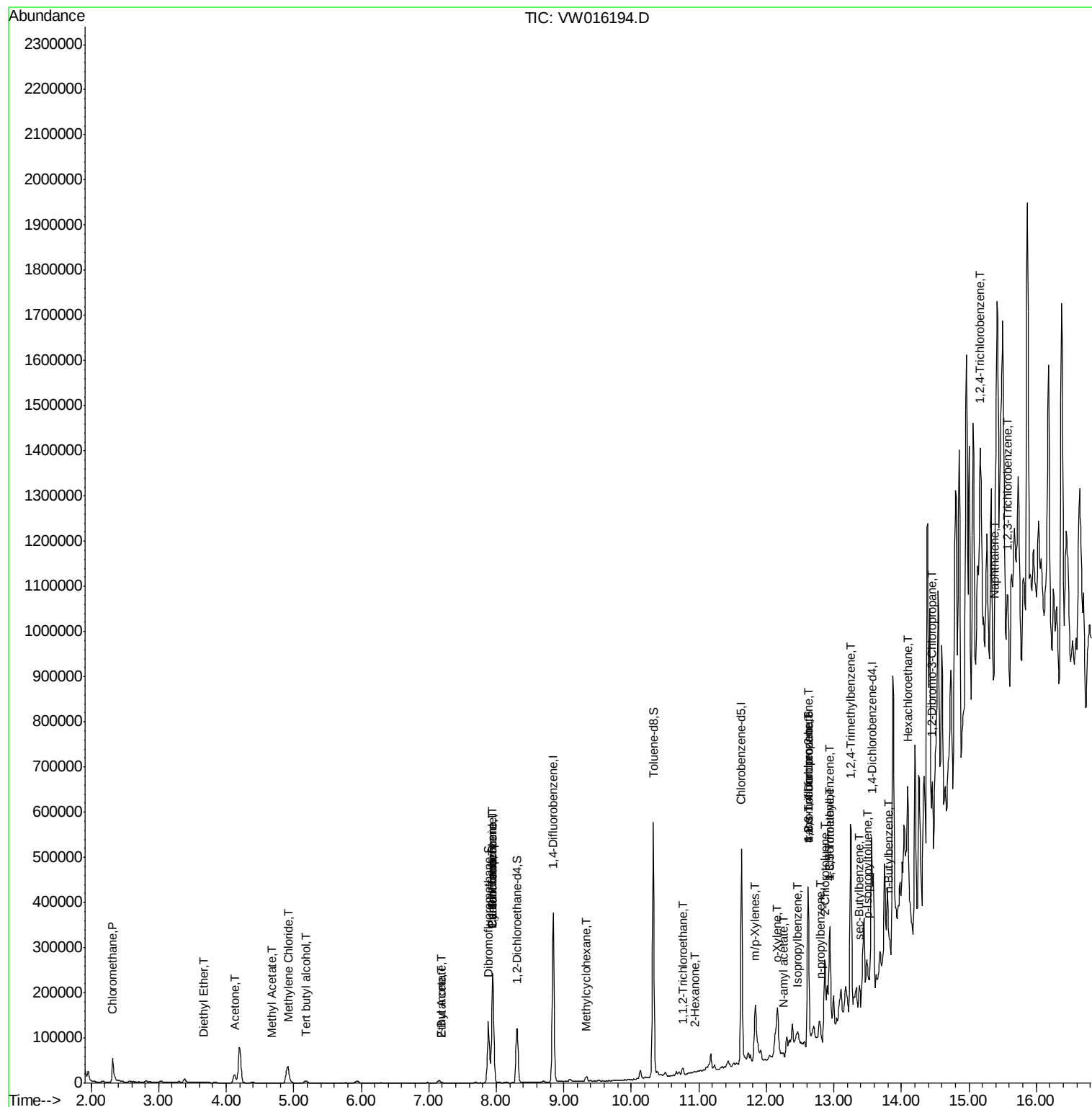
-----

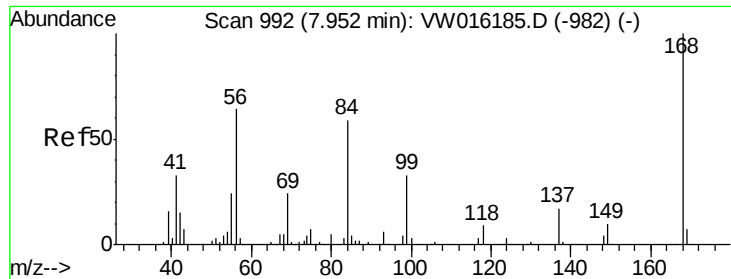
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW081420\  
Data File : VW016194.D  
Acq On : 14 Aug 2020 16:07  
Operator : SY/VA  
Sample : L3662-07  
Misc : 8.51G/5ML/MSVOA\_W/SOIL  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
24051

Quant Time: Aug 17 08:11:48 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W081420S.M  
Quant Title : SW846 8260  
QLast Update : Mon Aug 17 08:01:41 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW016194.D

Acq: 14 Aug 2020 16:07

Instrument :

MSVOA\_W

ClientSampleId :

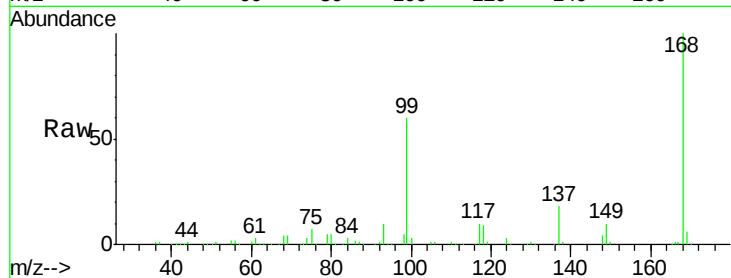
24051

Tgt Ion:168 Resp: 180374

Ion Ratio Lower Upper

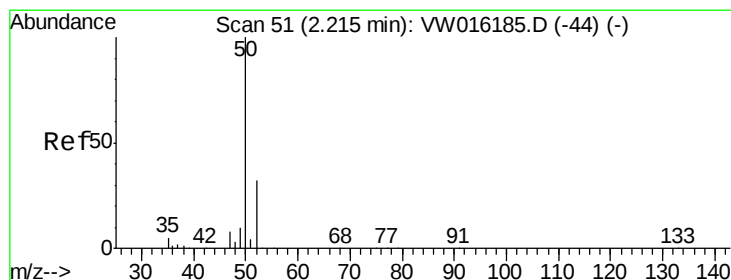
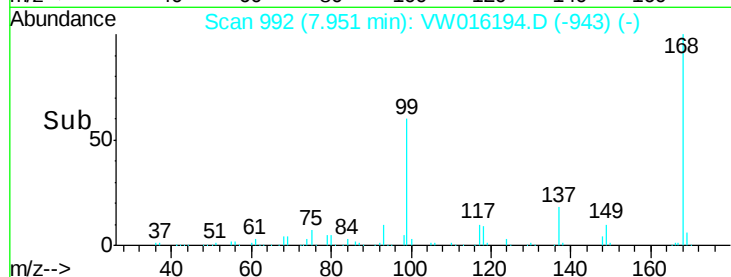
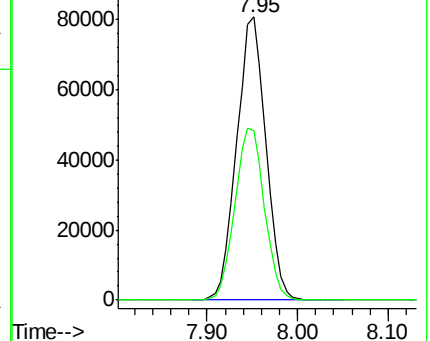
168 100

99 60.0 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 2.332 ug/l

RT: 2.31 min Scan# 67

Delta R.T. 0.10 min

Lab File: VW016194.D

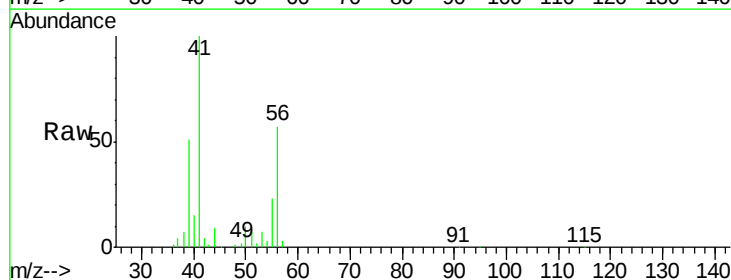
Acq: 14 Aug 2020 16:07

Tgt Ion: 50 Resp: 3046

Ion Ratio Lower Upper

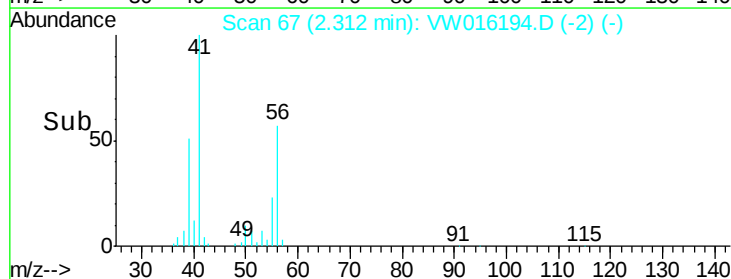
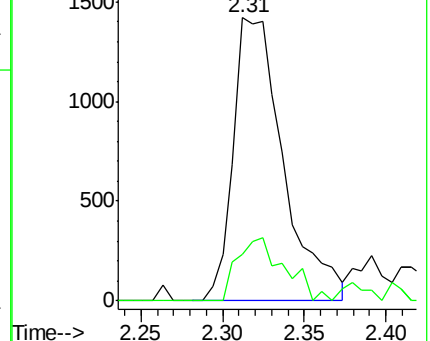
50 100

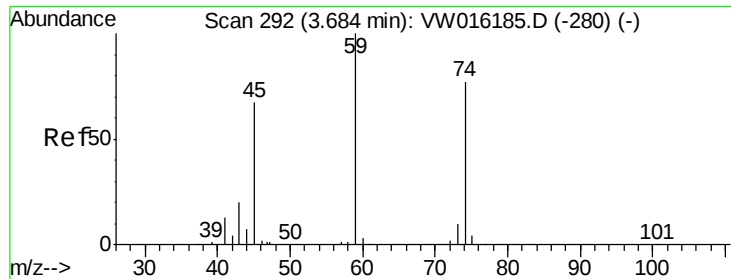
52 16.5 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#8

Diethyl Ether

Concen: 1.074 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW016194.D

Acq: 14 Aug 2020 16:07

Instrument :

MSVOA\_W

ClientSampleId :

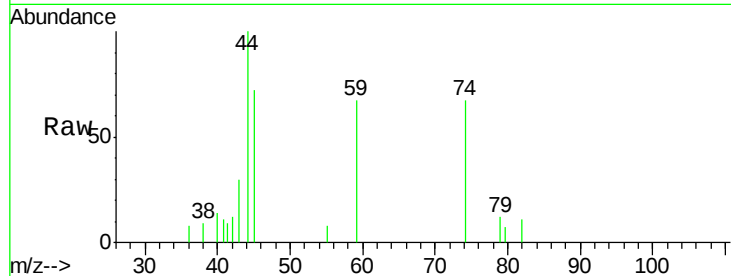
24051

Tgt Ion: 74 Resp: 997

Ion Ratio Lower Upper

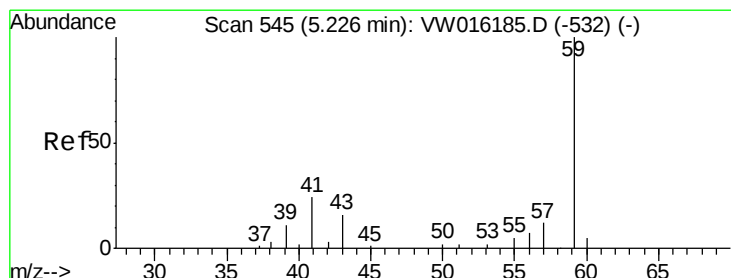
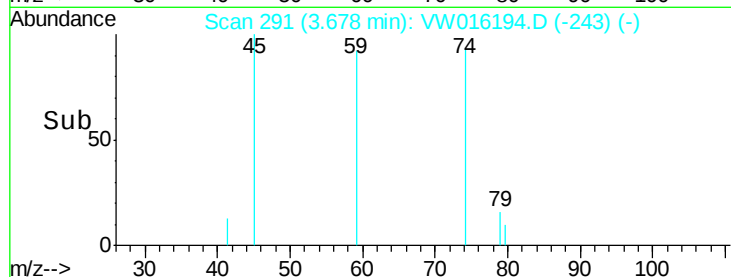
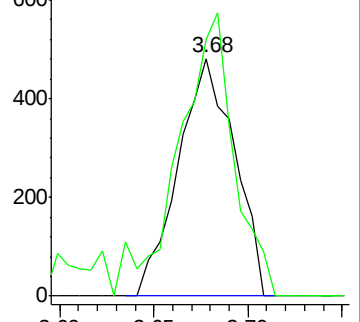
74 100

45 116.9 45.9 137.7



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



#11

Tert butyl alcohol

Concen: 89.696 ug/l

RT: 5.18 min Scan# 537

Delta R.T. -0.05 min

Lab File: VW016194.D

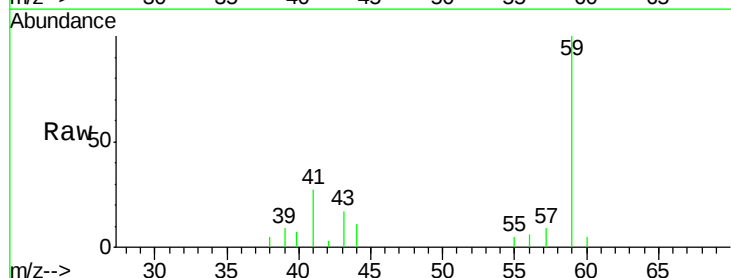
Acq: 14 Aug 2020 16:07

Tgt Ion: 59 Resp: 8397

Ion Ratio Lower Upper

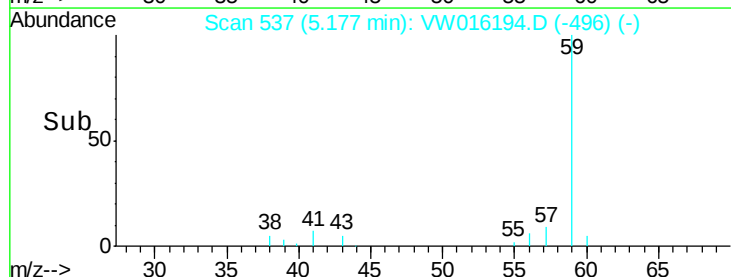
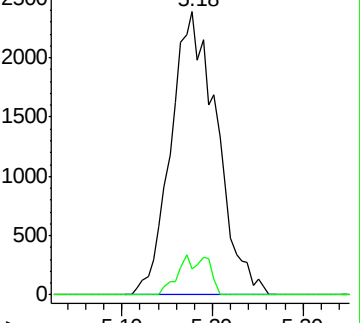
59 100

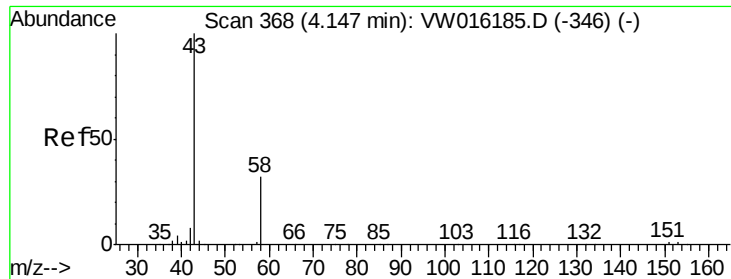
57 4.7 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 96.590 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.03 min

Lab File: VW016194.D

Acq: 14 Aug 2020 16:07

Instrument :

MSVOA\_W

ClientSampleId :

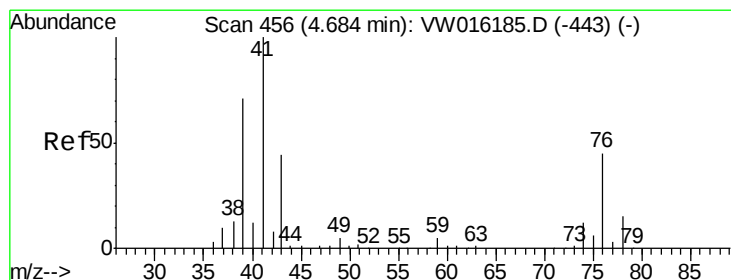
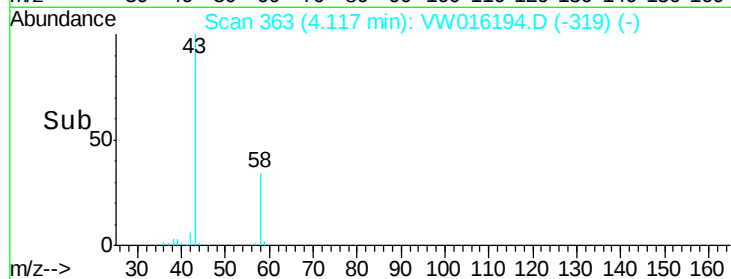
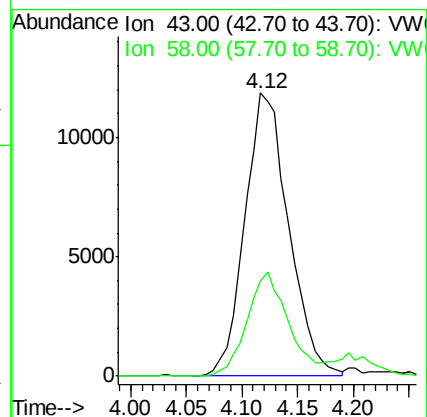
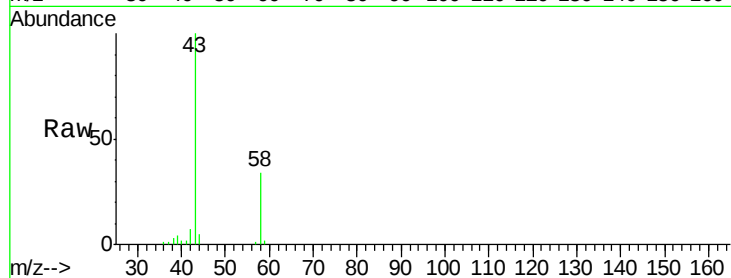
24051

Tgt Ion: 43 Resp: 32548

Ion Ratio Lower Upper

43 100

58 33.6 25.8 38.6



#18

Methyl Acetate

Concen: 1.629 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW016194.D

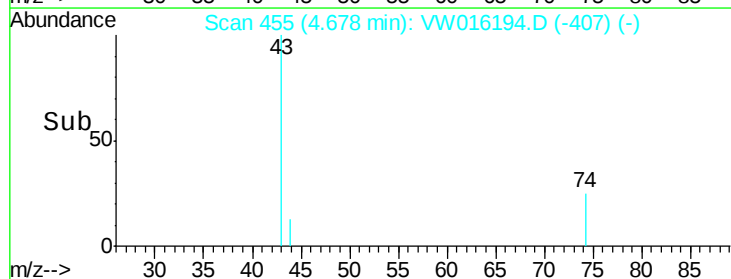
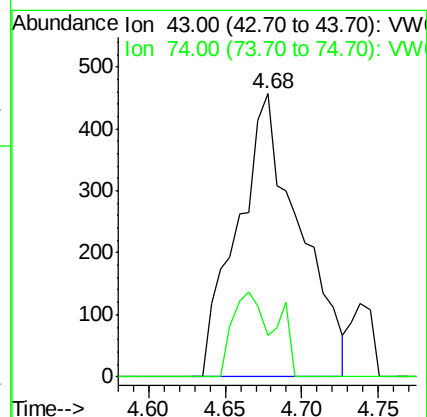
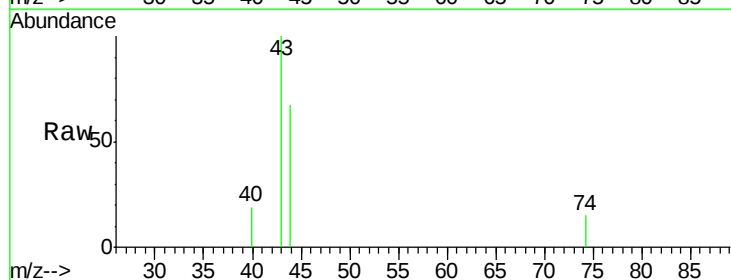
Acq: 14 Aug 2020 16:07

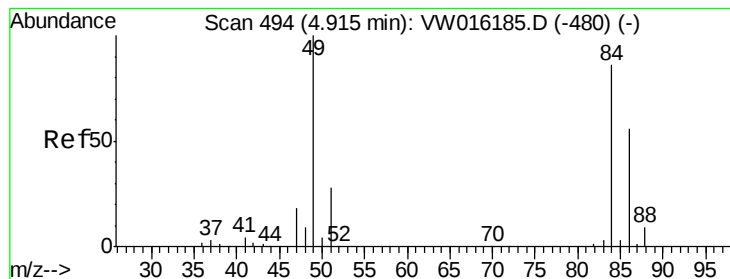
Tgt Ion: 43 Resp: 1278

Ion Ratio Lower Upper

43 100

74 20.7 20.6 31.0





#20

Methylene Chloride

Concen: 10.569 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016194.D

Acq: 14 Aug 2020 16:07

Instrument :

MSVOA\_W

ClientSampleId :

24051

Tgt Ion: 84 Resp: 30281

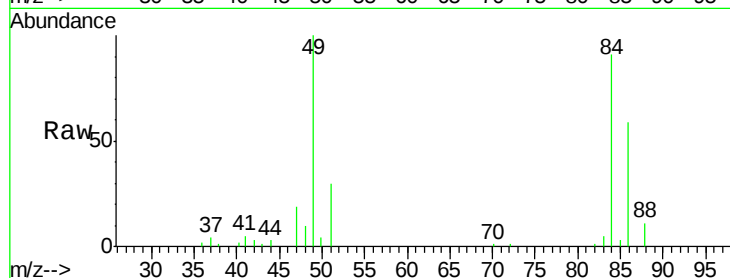
Ion Ratio Lower Upper

84 100

49 109.5 93.4 140.2

51 33.1 26.6 40.0

86 65.0 52.2 78.2

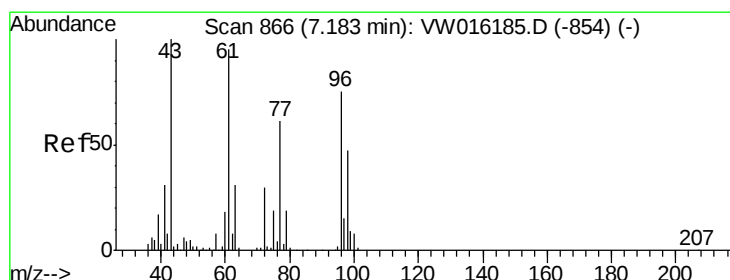
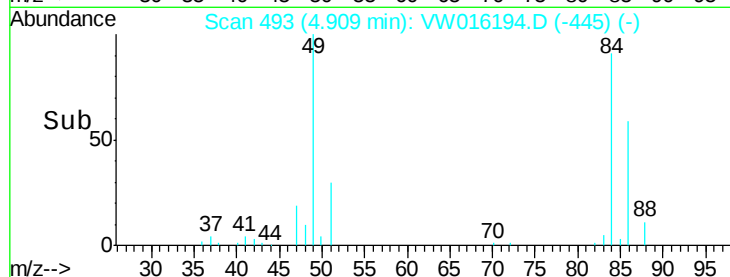
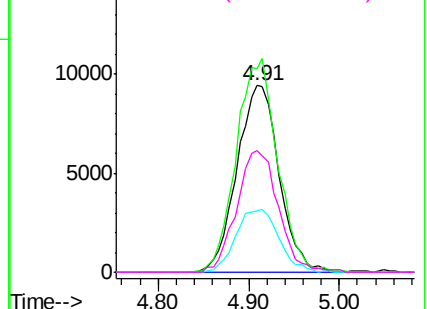


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 3.913 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW016194.D

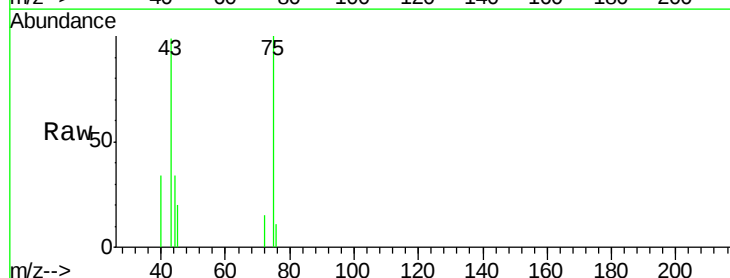
Acq: 14 Aug 2020 16:07

Tgt Ion: 43 Resp: 1767

Ion Ratio Lower Upper

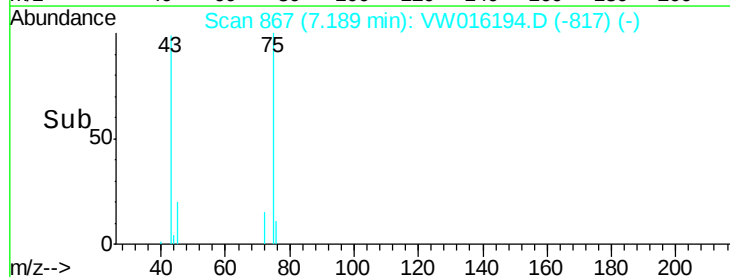
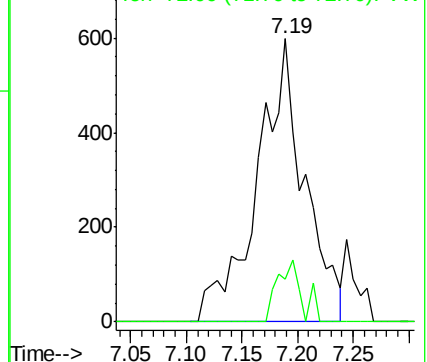
43 100

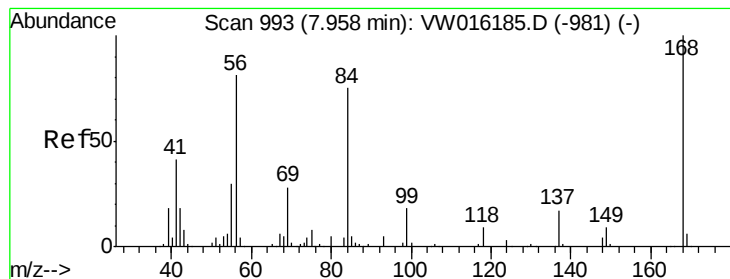
72 14.9 24.2 36.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.217 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW016194.D

Acq: 14 Aug 2020 16:07

Instrument :

MSVOA\_W

ClientSampled :

24051

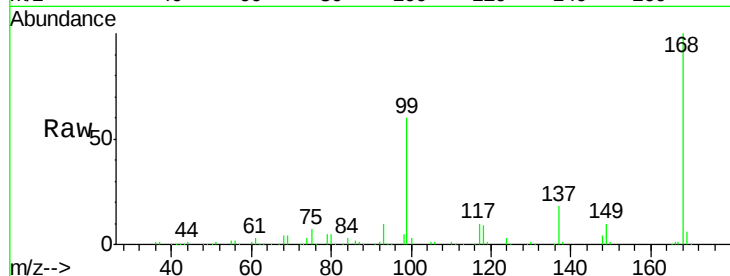
Tgt Ion: 56 Resp: 3907

Ion Ratio Lower Upper

56 100

69 171.5 27.3 40.9#

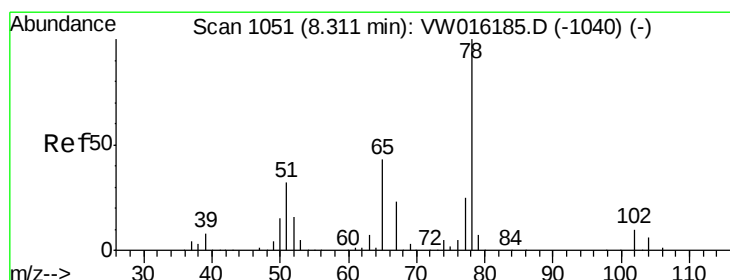
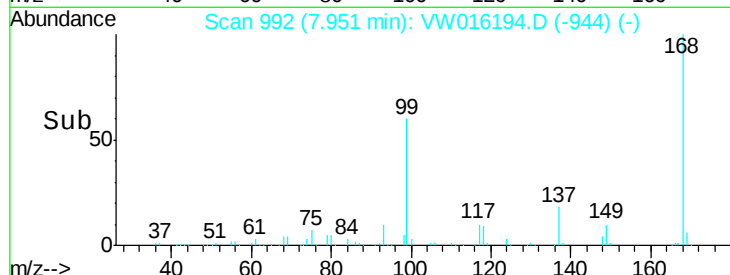
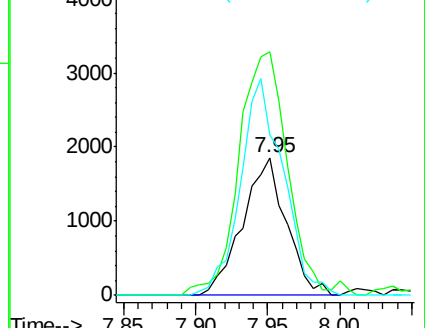
84 116.3 73.5 110.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 54.511 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW016194.D

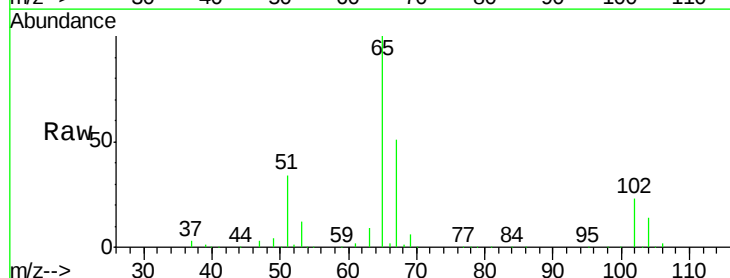
Acq: 14 Aug 2020 16:07

Tgt Ion: 65 Resp: 95885

Ion Ratio Lower Upper

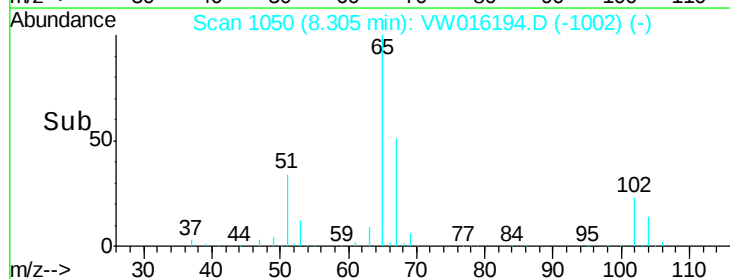
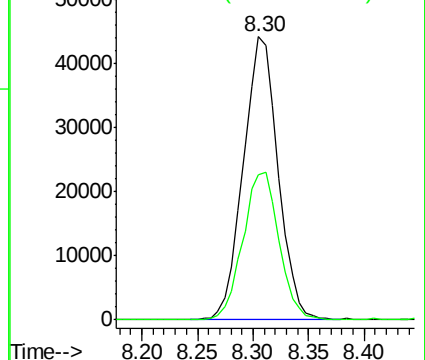
65 100

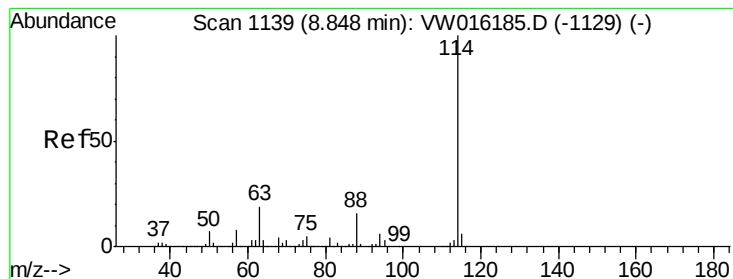
67 54.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW016194.D

Acq: 14 Aug 2020 16:07

Instrument :

MSVOA\_W

ClientSampleId :

24051

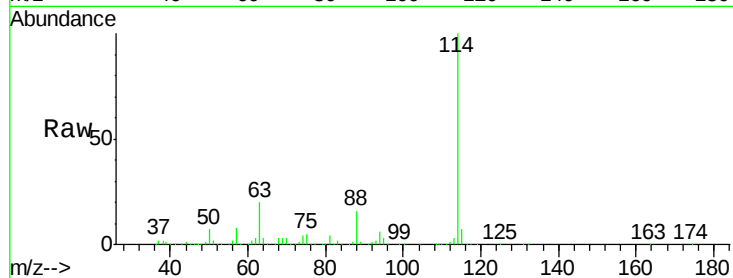
Tgt Ion:114 Resp: 323159

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

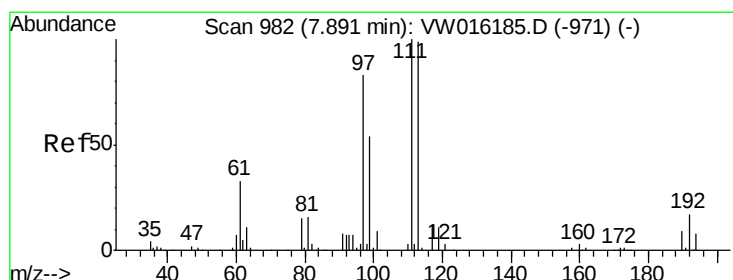
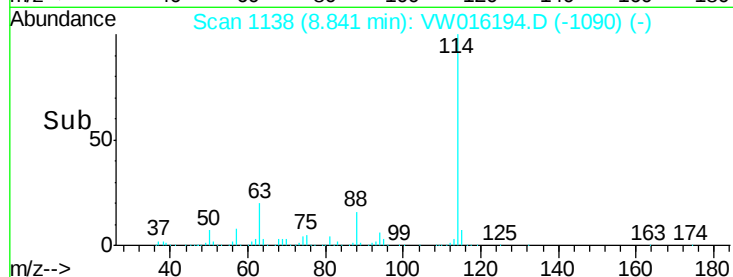
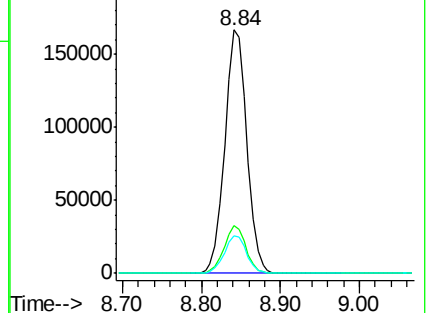
88 15.6 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 48.819 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW016194.D

Acq: 14 Aug 2020 16:07

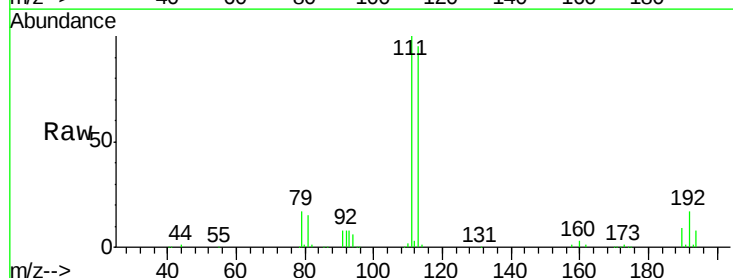
Tgt Ion:113 Resp: 97341

Ion Ratio Lower Upper

113 100

111 103.5 83.5 125.3

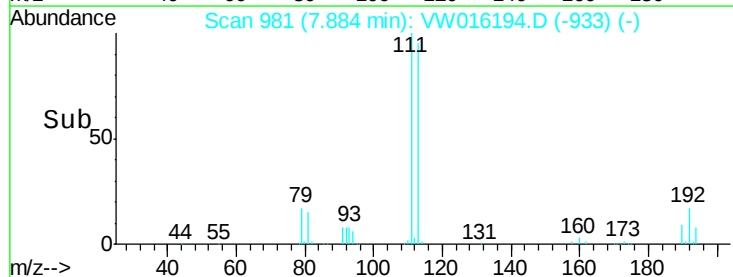
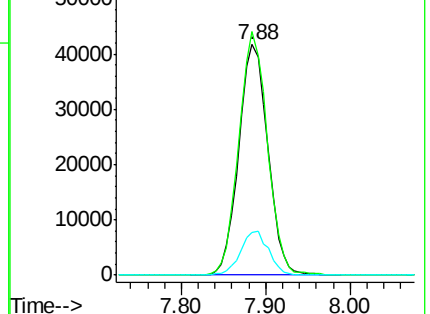
192 18.1 14.3 21.5

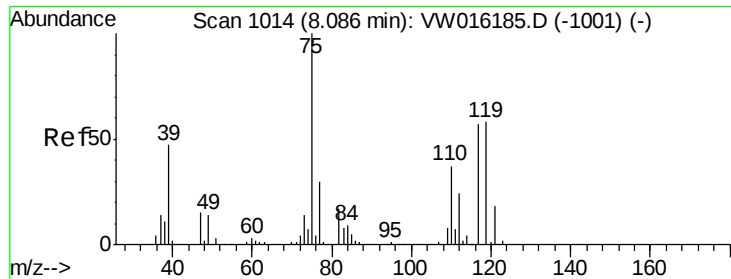


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

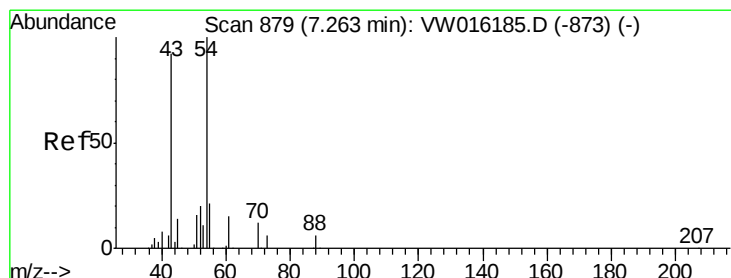
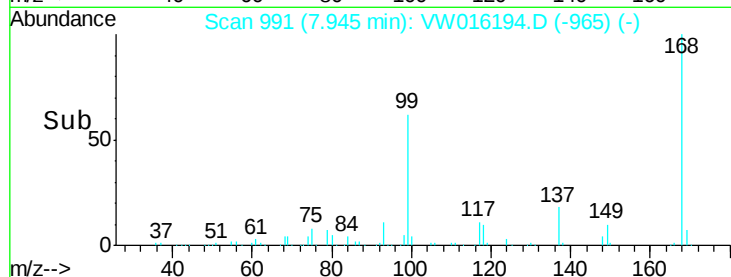
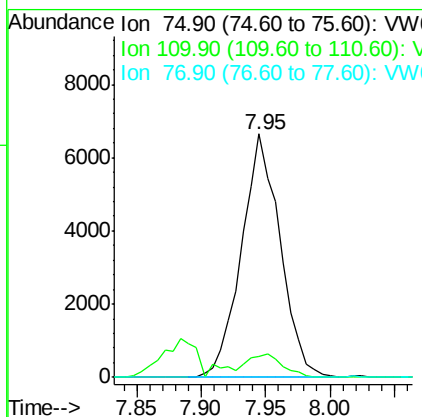
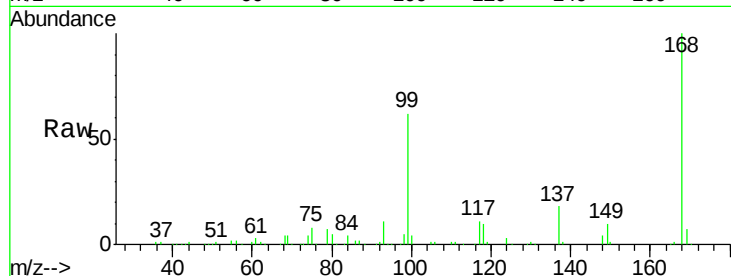




#36  
 1,1-Dichloropropene  
 Concen: 4.339 ug/l  
 RT: 7.95 min Scan# 991  
 Delta R.T. -0.14 min  
 Lab File: VW016194.D  
 Acq: 14 Aug 2020 16:07

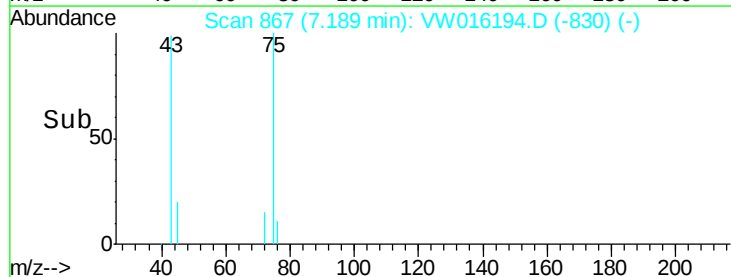
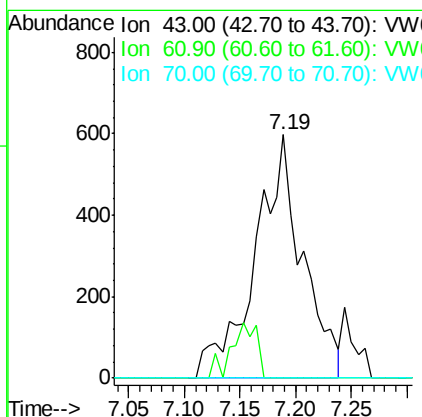
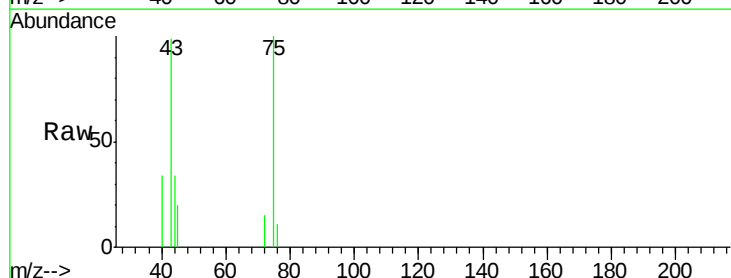
Instrument :  
 MSVOA\_W  
 ClientSampled :  
 24051

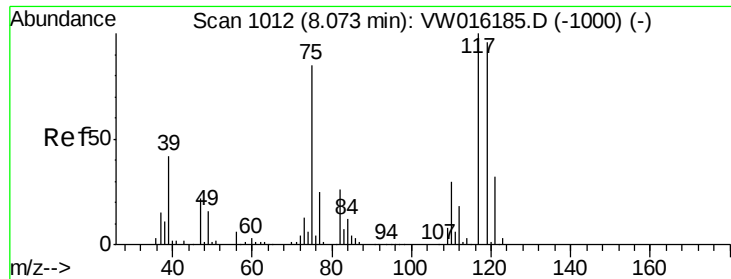
Tgt Ion: 75 Resp: 13812  
 Ion Ratio Lower Upper  
 75 100  
 110 8.8 18.1 54.3#  
 77 0.0 24.7 37.1#



#37  
 Ethyl Acetate  
 Concen: 1.619 ug/l  
 RT: 7.19 min Scan# 867  
 Delta R.T. -0.07 min  
 Lab File: VW016194.D  
 Acq: 14 Aug 2020 16:07

Tgt Ion: 43 Resp: 1767  
 Ion Ratio Lower Upper  
 43 100  
 61 0.0 12.6 18.8#  
 70 0.0 9.8 14.8#

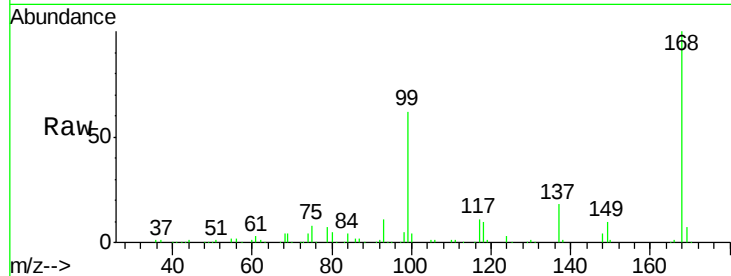




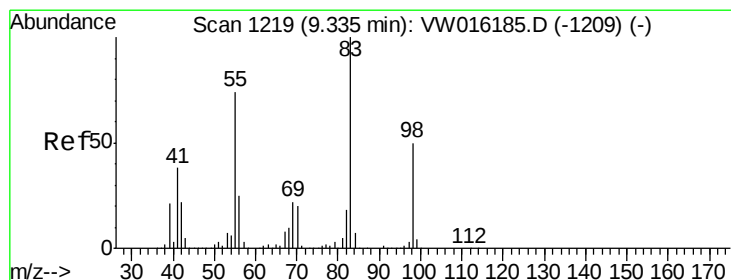
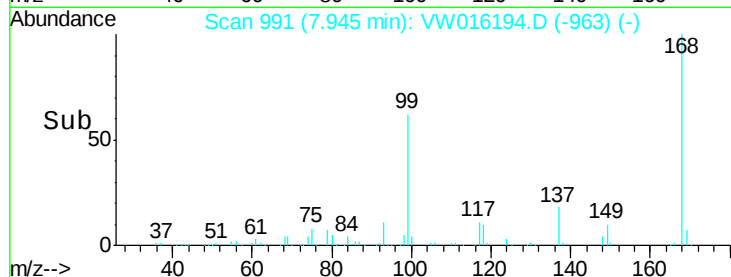
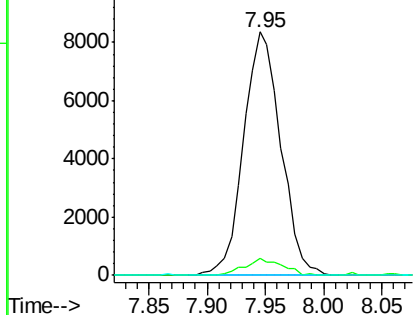
#38  
Carbon Tetrachloride  
Concen: 5.866 ug/l  
RT: 7.95 min Scan# 991  
Delta R.T. -0.13 min  
Lab File: VW016194.D  
Acq: 14 Aug 2020 16:07

Instrument :  
MSVOA\_W  
ClientSampled :  
24051

Tgt Ion: 117 Resp: 18637  
Ion Ratio Lower Upper  
117 100  
119 7.2 76.6 115.0#  
121 0.0 25.4 38.0#

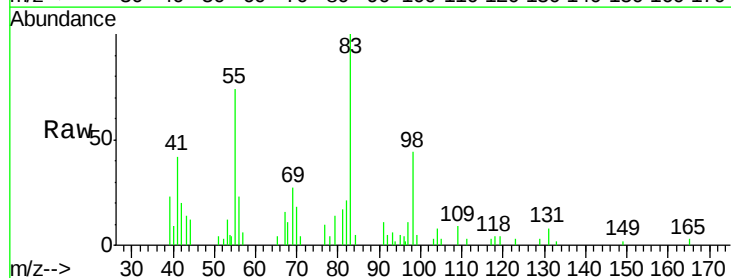


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

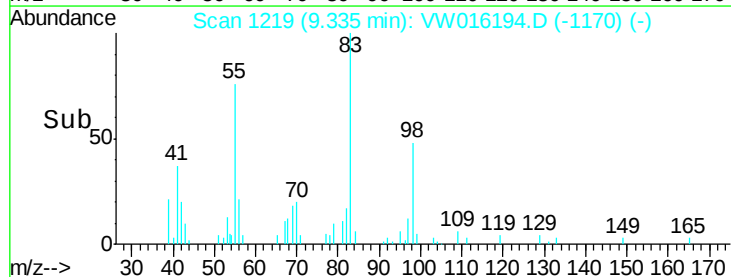
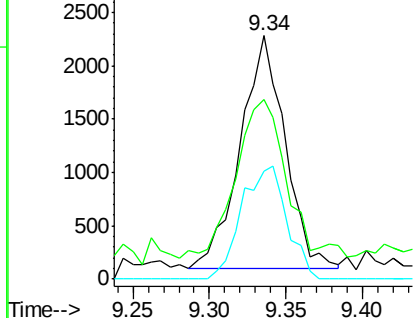


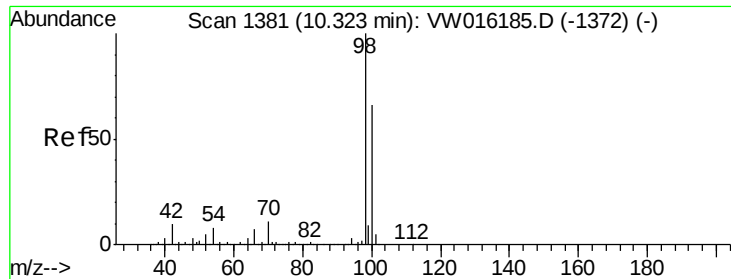
#39  
Methylcyclohexane  
Concen: 1.164 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: VW016194.D  
Acq: 14 Aug 2020 16:07

Tgt Ion: 83 Resp: 4464  
Ion Ratio Lower Upper  
83 100  
55 64.6 59.2 88.8  
98 46.2 40.2 60.2



Abundance Ion 83.00 (82.70 to 83.70): VW  
Ion 55.00 (54.70 to 55.70): VW  
Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 49.749 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW016194.D

Acq: 14 Aug 2020 16:07

Instrument :

MSVOA\_W

ClientSampleId :

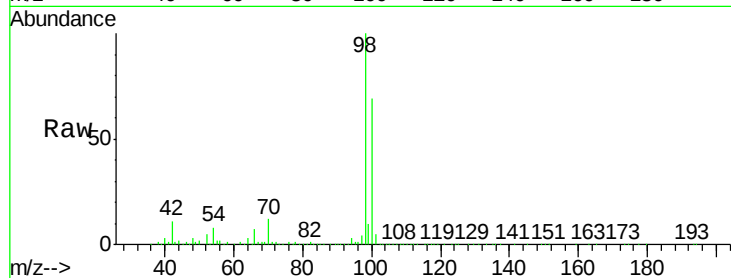
24051

Tgt Ion: 98 Resp: 383972

Ion Ratio Lower Upper

98 100

100 66.2 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

250000

200000

150000

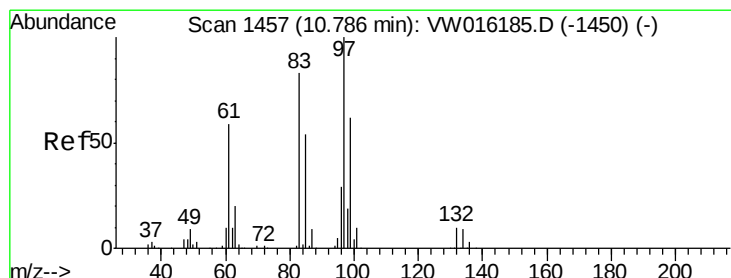
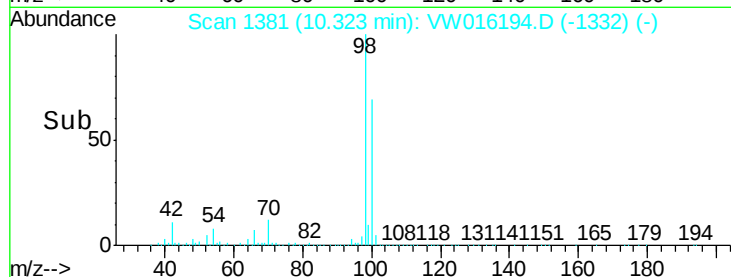
100000

50000

0

Time-->

10.20 10.30 10.40 10.50



#55

1,1,2-Trichloroethane

Concen: 4.047 ug/l

RT: 10.77 min Scan# 1454

Delta R.T. -0.02 min

Lab File: VW016194.D

Acq: 14 Aug 2020 16:07

Tgt Ion: 97 Resp: 6436

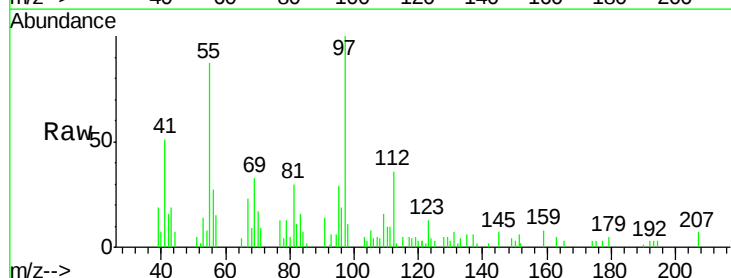
Ion Ratio Lower Upper

97 100

83 4.8 66.6 100.0#

85 0.0 43.0 64.4#

99 0.0 49.4 74.2#



Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW

5000

4000

3000

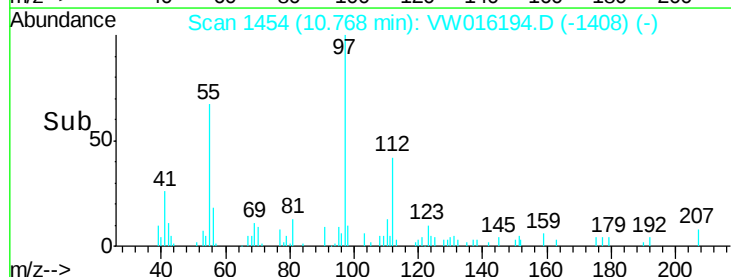
2000

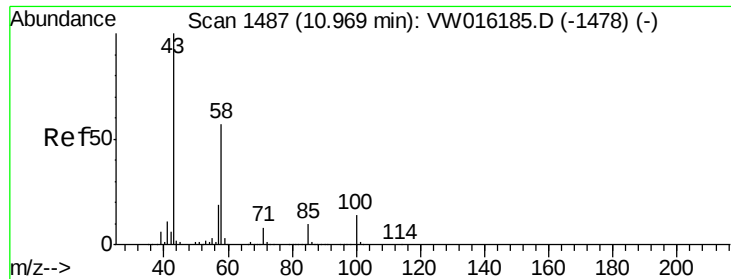
1000

0

Time-->

10.70 10.75 10.80

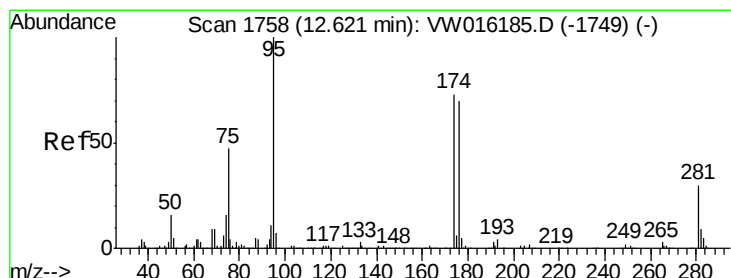
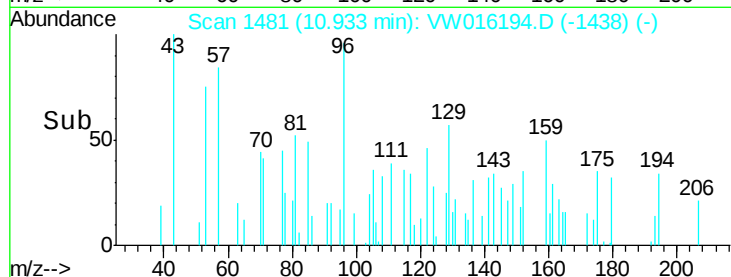
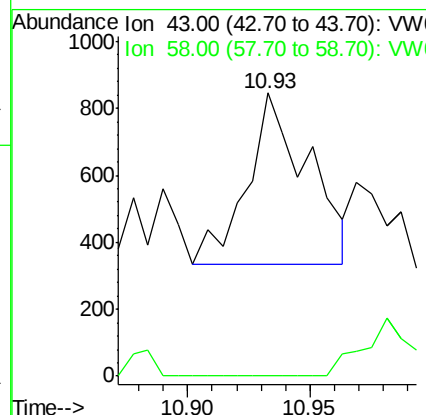
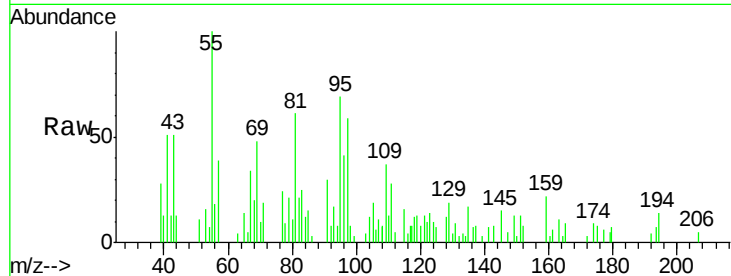




#59  
2-Hexanone  
Concen: 1.247 ug/l  
RT: 10.93 min Scan# 1481  
Delta R.T. -0.04 min  
Lab File: VW016194.D  
Acq: 14 Aug 2020 16:07

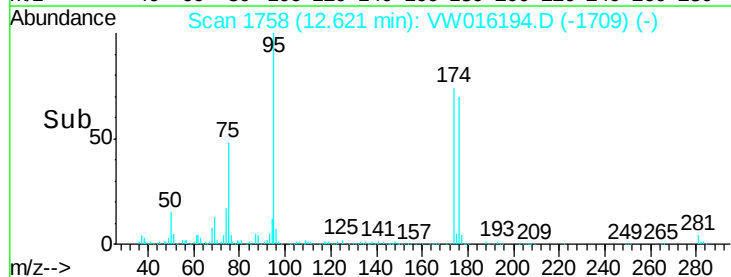
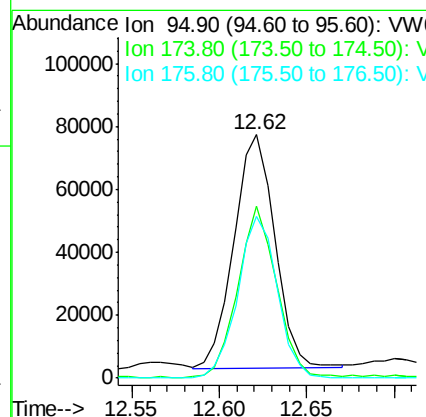
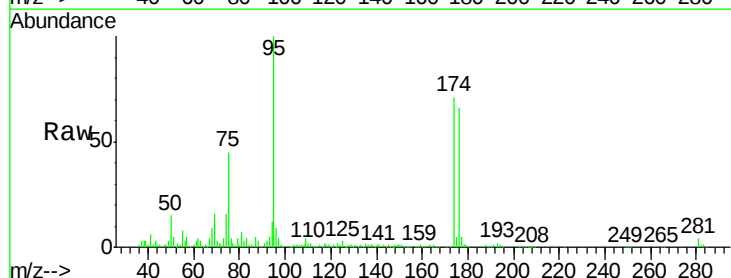
Instrument :  
MSVOA\_W  
ClientSampleId :  
24051

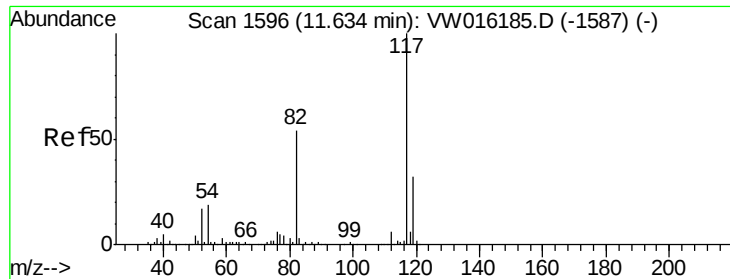
Tgt Ion: 43 Resp: 886  
Ion Ratio Lower Upper  
43 100  
58 0.0 28.8 86.5#



#62  
4-Bromofluorobenzene  
Concen: 43.871 ug/l  
RT: 12.62 min Scan# 1758  
Delta R.T. -0.00 min  
Lab File: VW016194.D  
Acq: 14 Aug 2020 16:07

Tgt Ion: 95 Resp: 121034  
Ion Ratio Lower Upper  
95 100  
174 69.0 0.0 145.6  
176 67.0 0.0 137.8

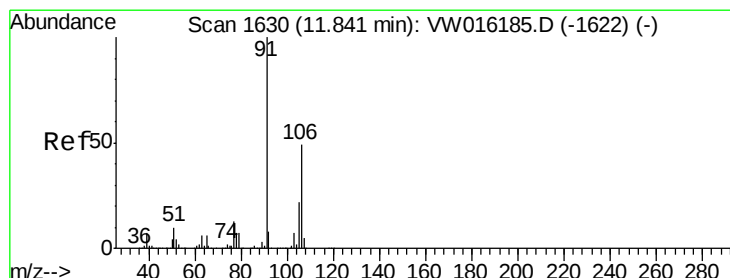
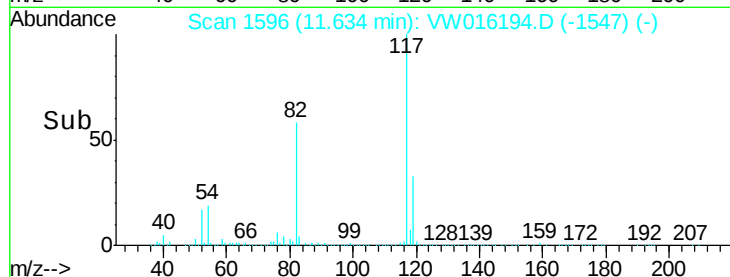
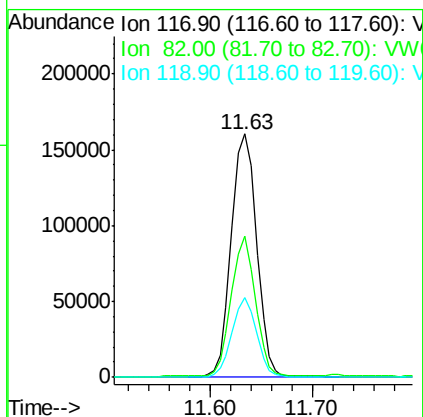
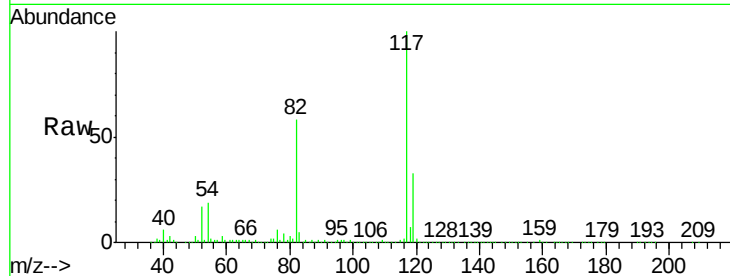




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW016194.D  
Acq: 14 Aug 2020 16:07

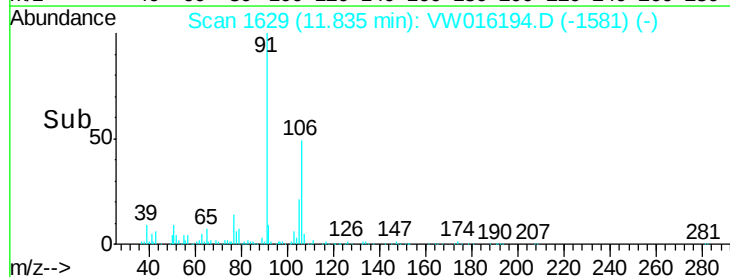
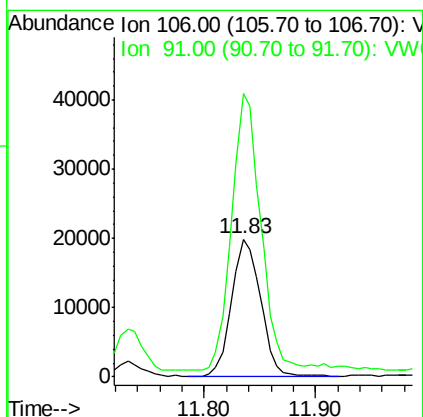
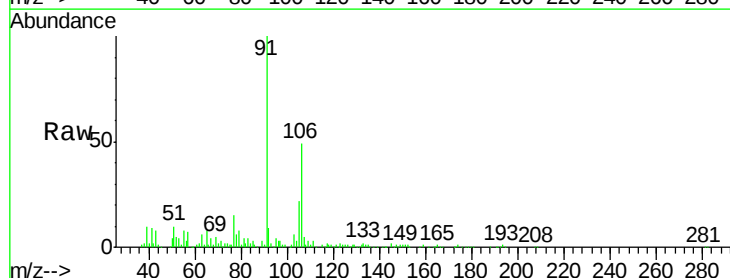
Instrument :  
MSVOA\_W  
ClientSampleId :  
24051

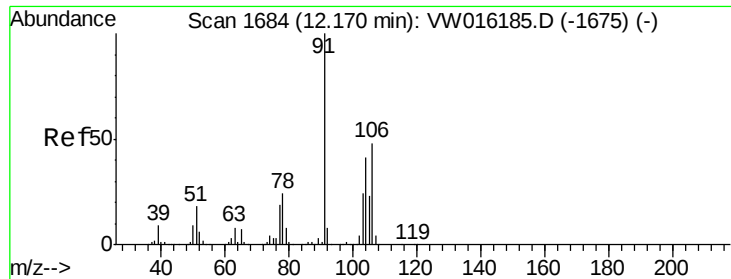
Tgt Ion:117 Resp: 275164  
Ion Ratio Lower Upper  
117 100  
82 57.6 43.6 65.4  
119 32.7 25.4 38.0



#68  
m/p-Xylenes  
Concen: 9.090 ug/l  
RT: 11.83 min Scan# 1629  
Delta R.T. -0.01 min  
Lab File: VW016194.D  
Acq: 14 Aug 2020 16:07

Tgt Ion:106 Resp: 35416  
Ion Ratio Lower Upper  
106 100  
91 203.3 161.4 242.2

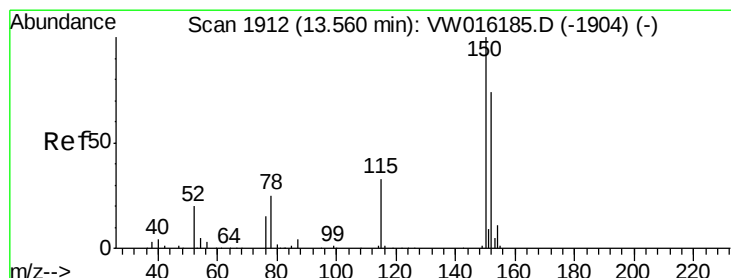
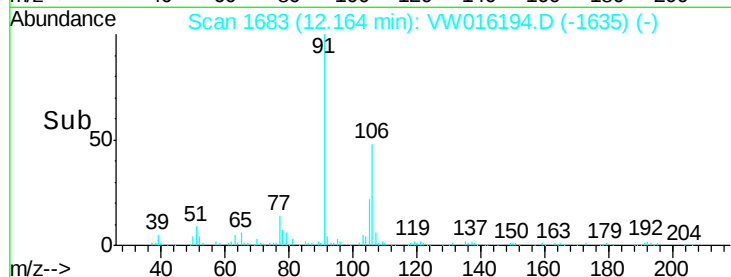
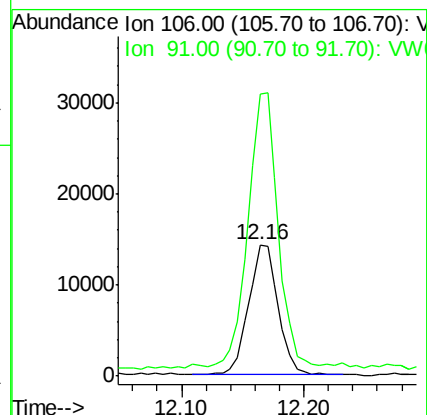
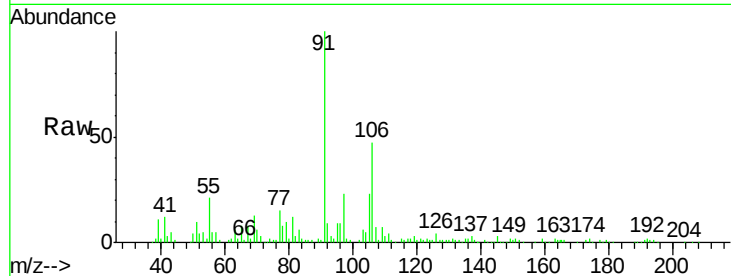




#69  
o-Xylene  
Concen: 6.829 ug/l  
RT: 12.16 min Scan# 1683  
Delta R.T. -0.01 min  
Lab File: VW016194.D  
Acq: 14 Aug 2020 16:07

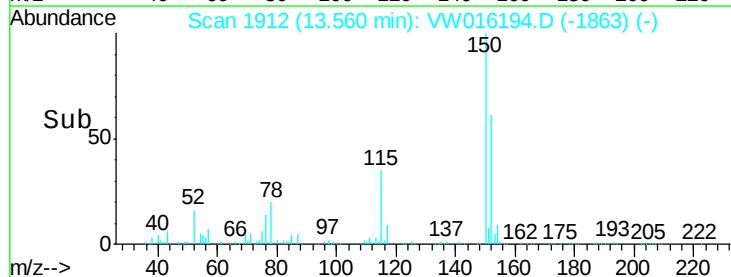
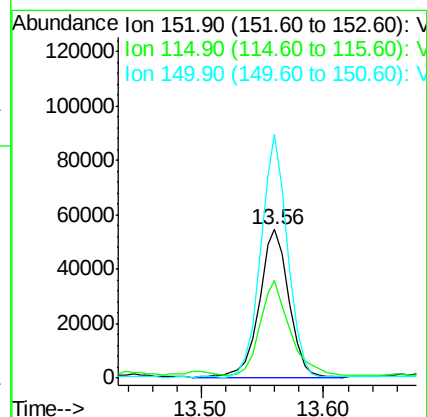
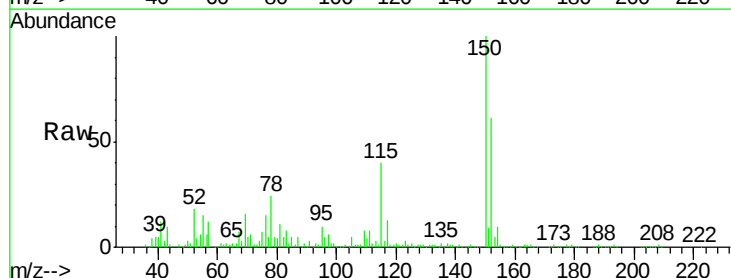
Instrument :  
MSVOA\_W  
ClientSampled :  
24051

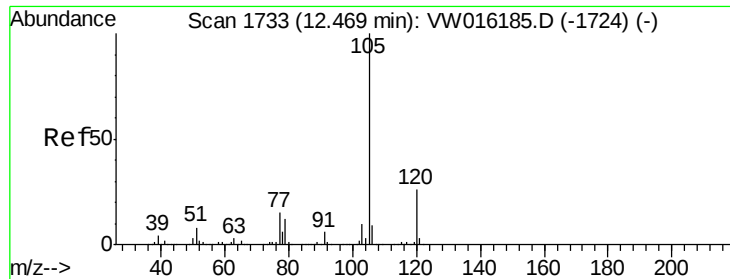
Tgt Ion:106 Resp: 23702  
Ion Ratio Lower Upper  
106 100  
91 216.0 106.0 317.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.56 min Scan# 1912  
Delta R.T. -0.00 min  
Lab File: VW016194.D  
Acq: 14 Aug 2020 16:07

Tgt Ion:152 Resp: 91194  
Ion Ratio Lower Upper  
152 100  
115 64.7 30.9 92.5  
150 148.2 0.0 337.8





#73

Isopropylbenzene

Concen: 2.633 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016194.D

Acq: 14 Aug 2020 16:07

Instrument :

MSVOA\_W

ClientSampleId :

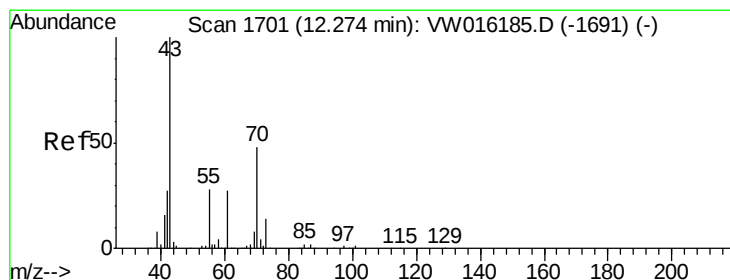
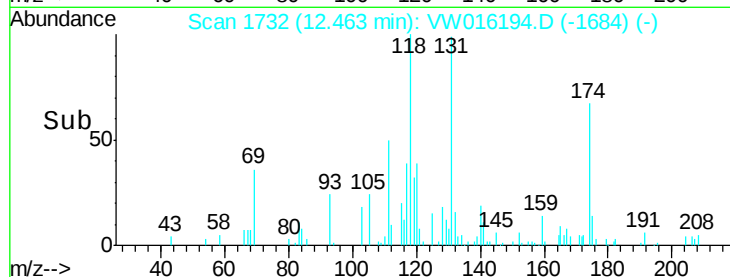
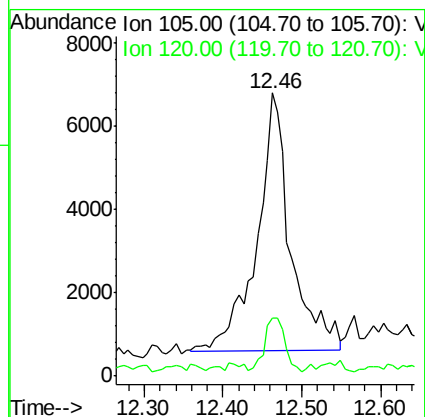
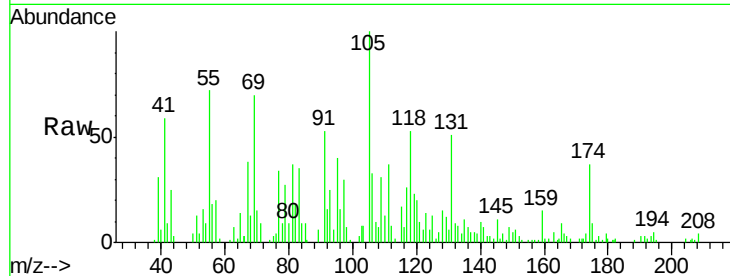
24051

Tgt Ion:105 Resp: 18300

Ion Ratio Lower Upper

105 100

120 13.0 13.2 39.6#



#74

N-ethyl acetate

Concen: 2.014 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW016194.D

Acq: 14 Aug 2020 16:07

Tgt Ion: 43 Resp: 2506

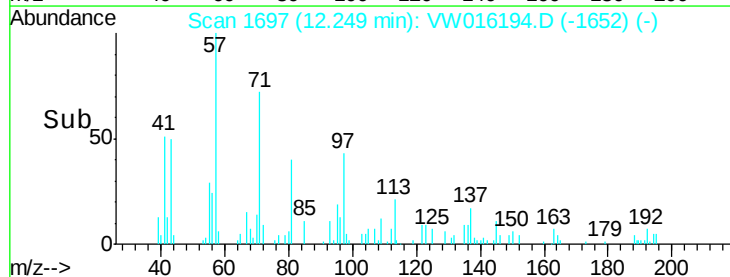
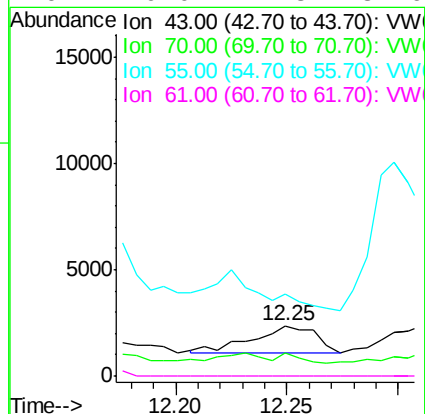
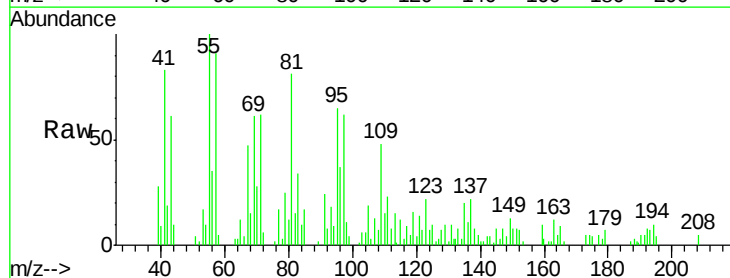
Ion Ratio Lower Upper

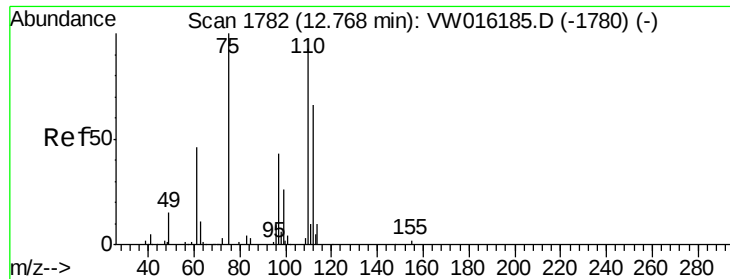
43 100

70 0.0 38.6 58.0#

55 0.0 22.2 33.2#

61 0.0 21.3 31.9#





#76

1,2,3-Trichloropropane

Concen: 67.311 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW016194.D

Acq: 14 Aug 2020 16:07

Instrument :

MSVOA\_W

ClientSampleId :

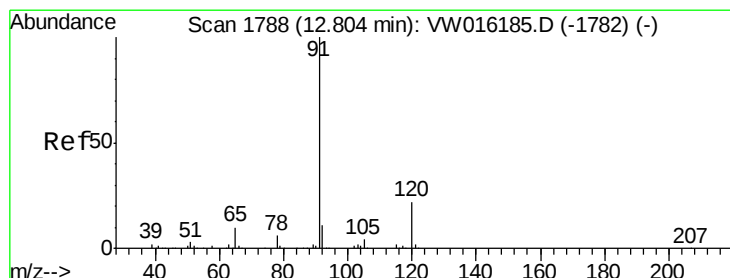
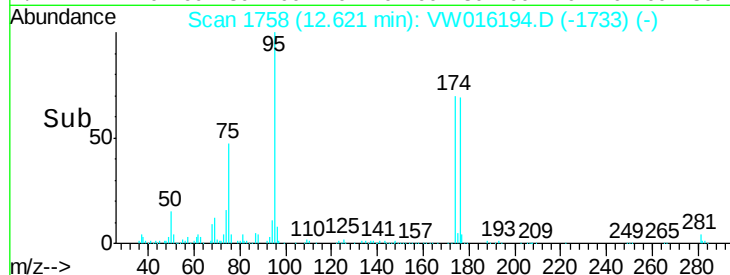
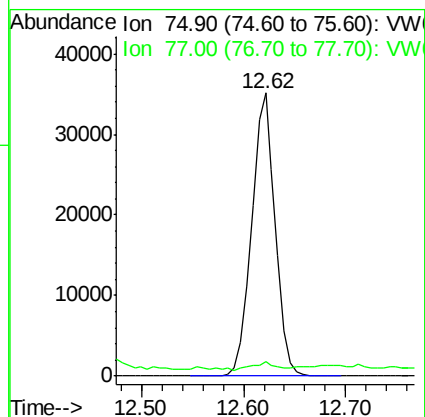
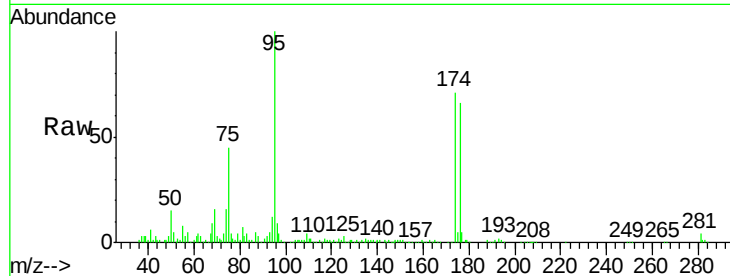
24051

Tgt Ion: 75 Resp: 56453

Ion Ratio Lower Upper

75 100

77 2.7 173.6 520.6#



#78

n-propylbenzene

Concen: 2.289 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW016194.D

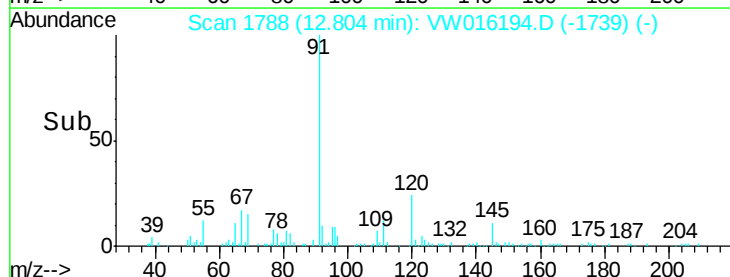
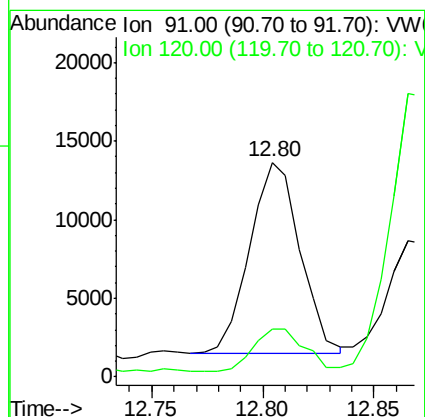
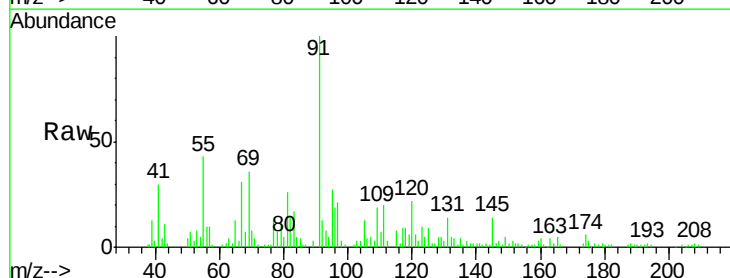
Acq: 14 Aug 2020 16:07

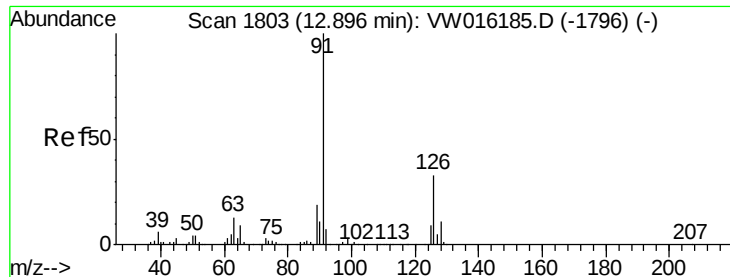
Tgt Ion: 91 Resp: 18983

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.7

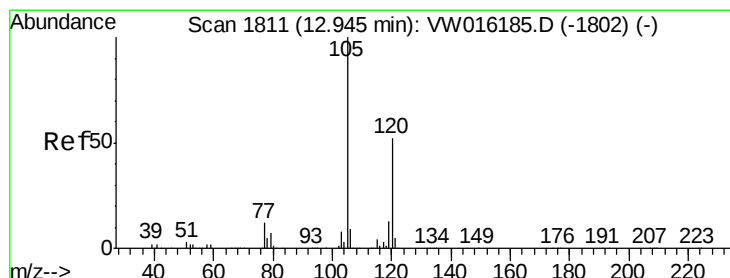
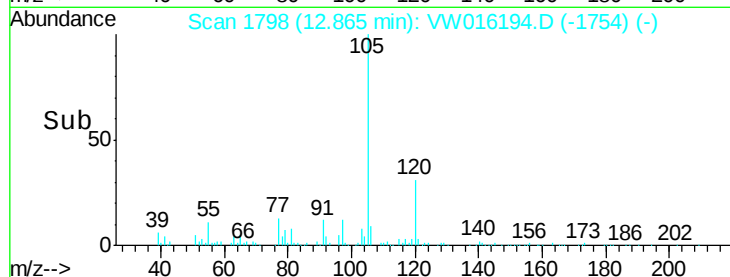
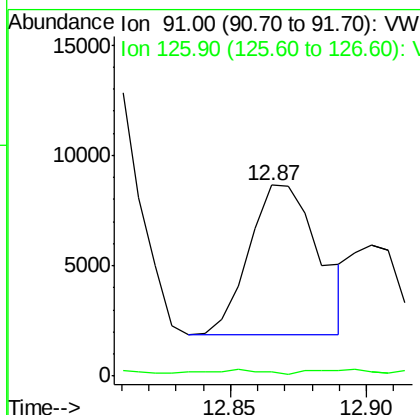
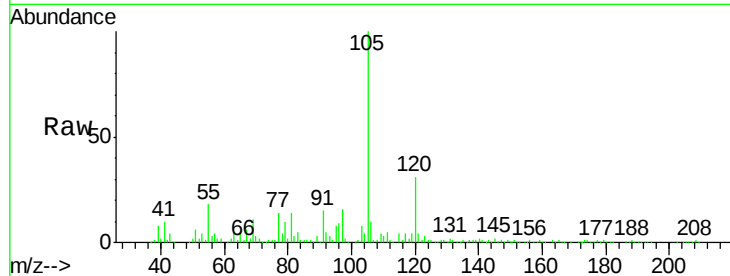




#79  
 2-Chlorotoluene  
 Concen: 2.516 ug/l  
 RT: 12.87 min Scan# 1798  
 Delta R.T. -0.03 min  
 Lab File: VW016194.D  
 Acq: 14 Aug 2020 16:07

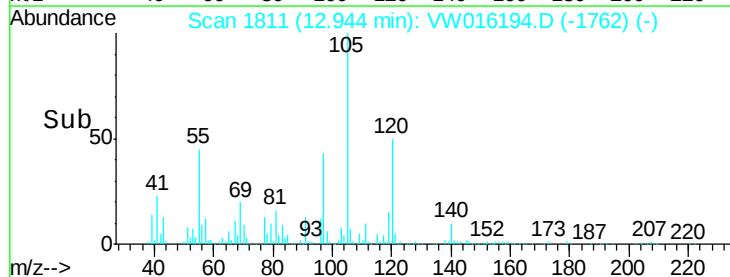
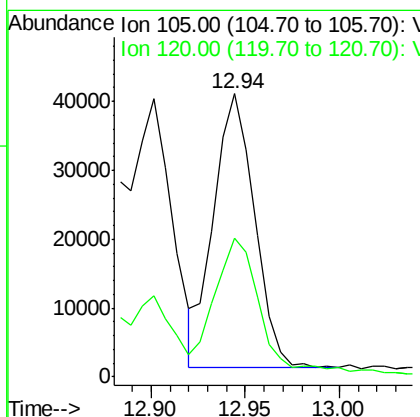
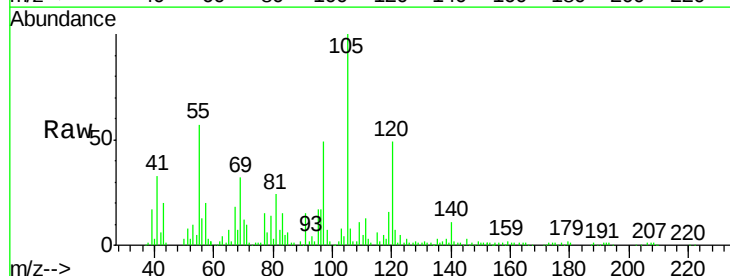
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 24051

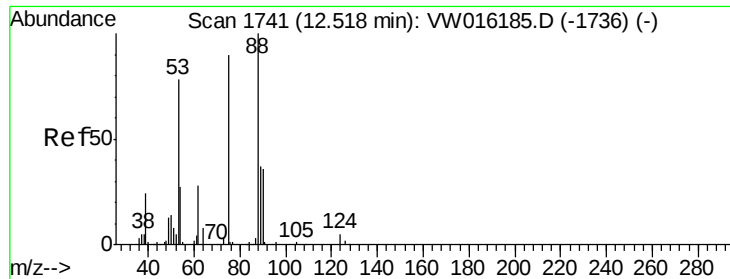
Tgt Ion: 91 Resp: 12057  
 Ion Ratio Lower Upper  
 91 100  
 126 1.9 16.4 49.2#



#80  
 1,3,5-Trimethylbenzene  
 Concen: 10.055 ug/l  
 RT: 12.94 min Scan# 1811  
 Delta R.T. -0.00 min  
 Lab File: VW016194.D  
 Acq: 14 Aug 2020 16:07

Tgt Ion: 105 Resp: 59980  
 Ion Ratio Lower Upper  
 105 100  
 120 58.0 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 161.455 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW016194.D

Acq: 14 Aug 2020 16:07

Instrument :

MSVOA\_W

ClientSampled :

24051

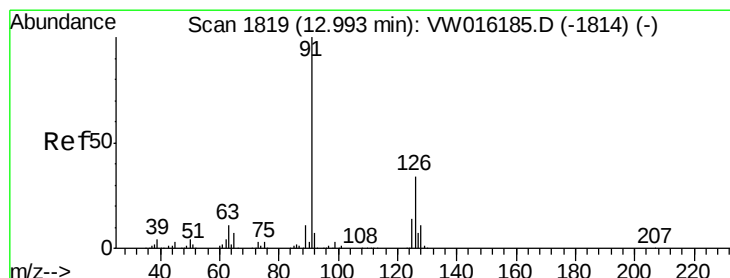
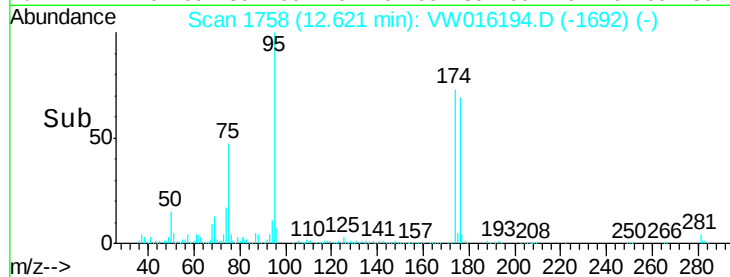
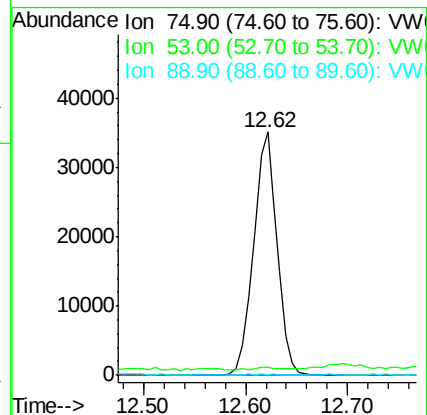
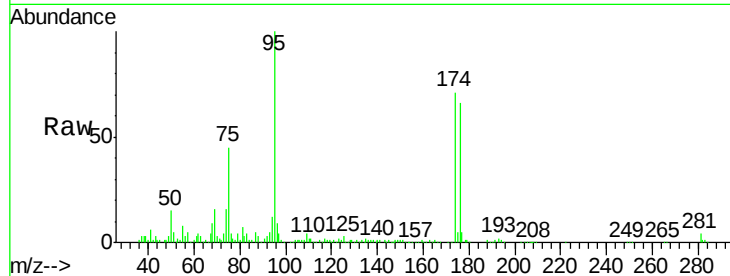
Tgt Ion: 75 Resp: 56453

Ion Ratio Lower Upper

75 100

53 1.4 74.6 111.8#

89 0.6 37.2 55.8#



#82

4-Chlorotoluene

Concen: 1.379 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW016194.D

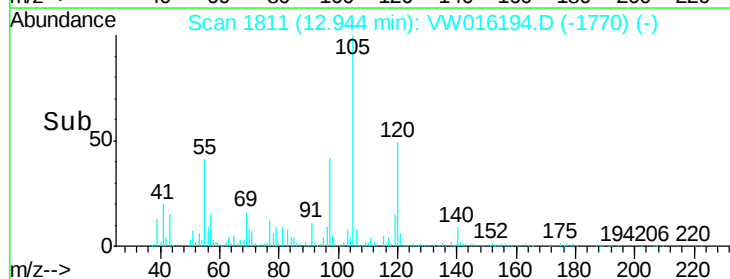
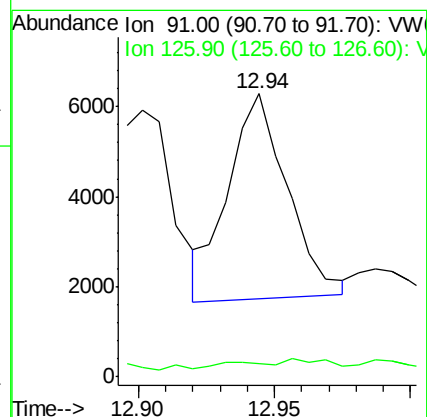
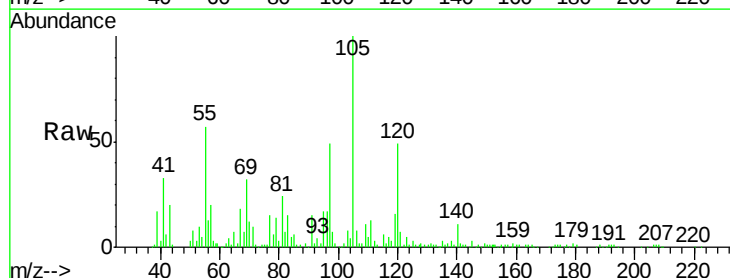
Acq: 14 Aug 2020 16:07

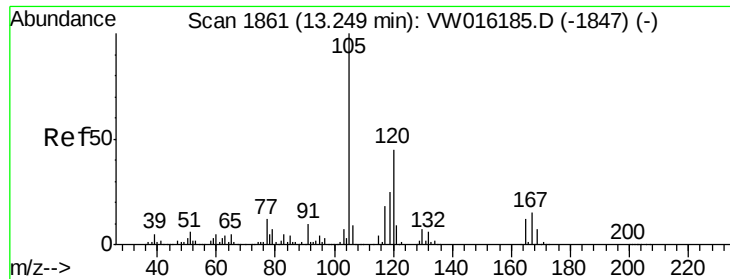
Tgt Ion: 91 Resp: 6879

Ion Ratio Lower Upper

91 100

126 5.0 16.6 49.8#

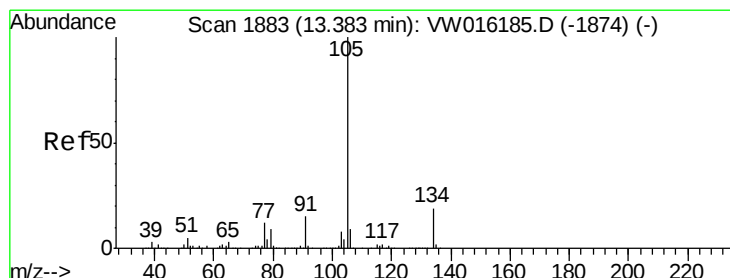
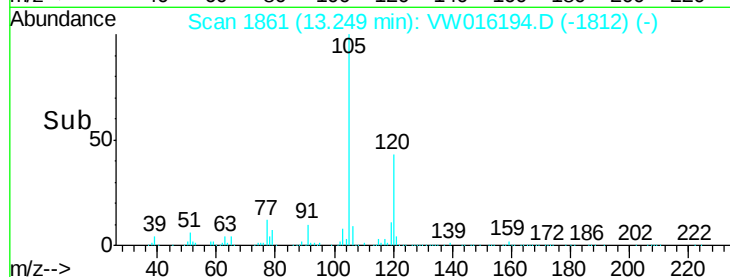
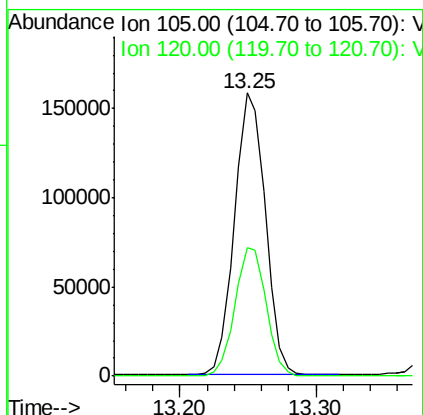
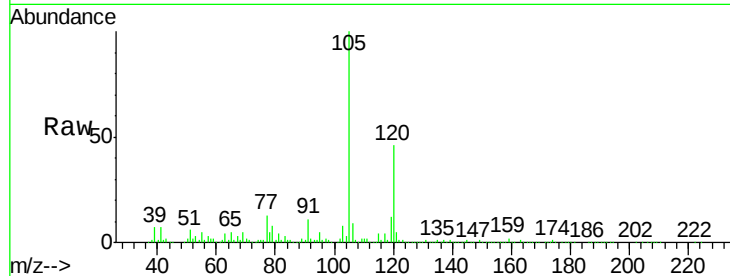




#84  
 1,2,4-Trimethylbenzene  
 Concen: 42.159 ug/l  
 RT: 13.25 min Scan# 1861  
 Delta R.T. -0.00 min  
 Lab File: VW016194.D  
 Acq: 14 Aug 2020 16:07

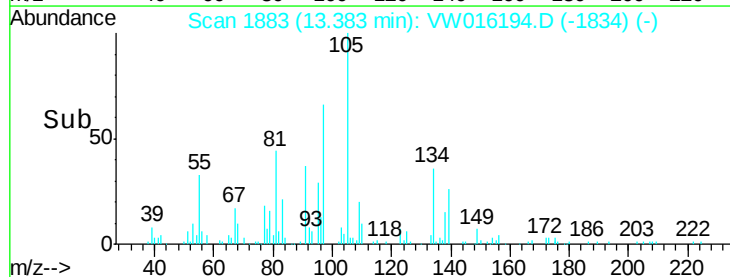
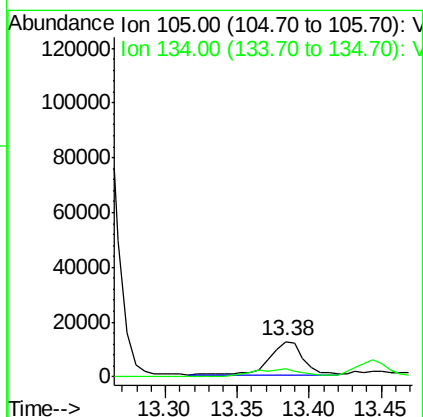
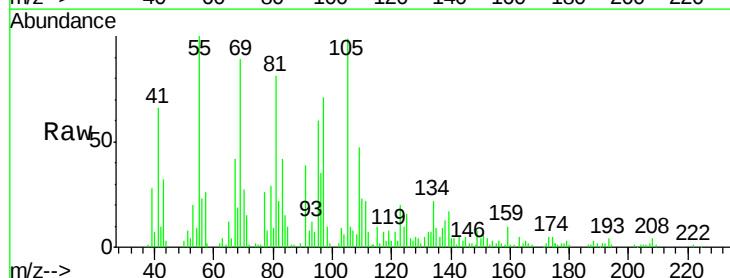
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 24051

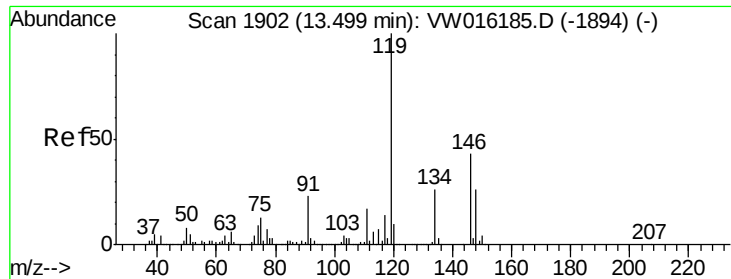
Tgt Ion:105 Resp: 248868  
 Ion Ratio Lower Upper  
 105 100  
 120 46.0 22.2 66.6



#85  
 sec-Butylbenzene  
 Concen: 2.677 ug/l  
 RT: 13.38 min Scan# 1883  
 Delta R.T. -0.00 min  
 Lab File: VW016194.D  
 Acq: 14 Aug 2020 16:07

Tgt Ion:105 Resp: 19025  
 Ion Ratio Lower Upper  
 105 100  
 134 35.1 9.8 29.4#

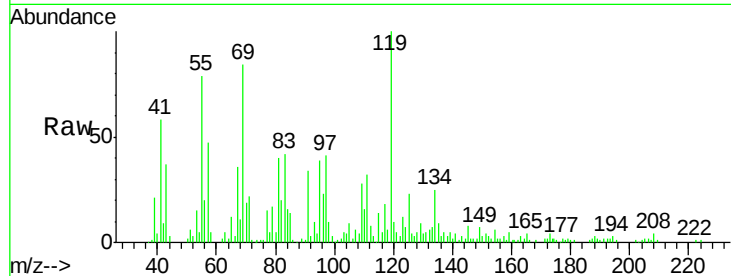




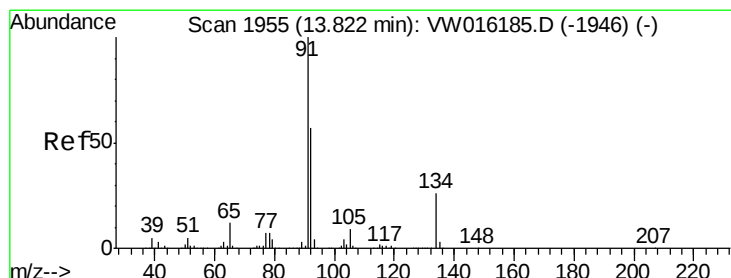
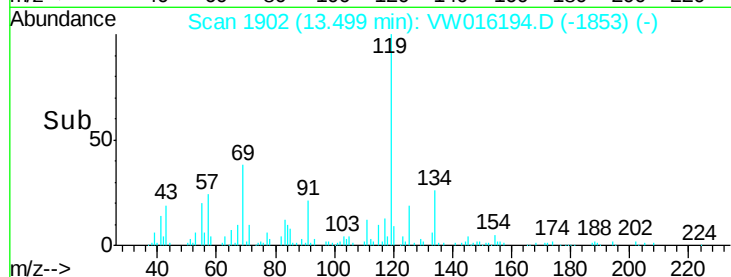
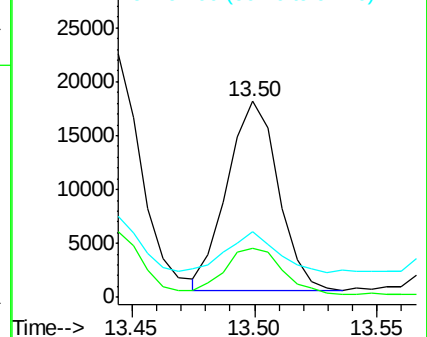
#86  
p-Isopropyltoluene  
Concen: 3.963 ug/l  
RT: 13.50 min Scan# 1902  
Delta R.T. -0.00 min  
Lab File: VW016194.D  
Acq: 14 Aug 2020 16:07

Instrument :  
MSVOA\_W  
ClientSampled :  
24051

Tgt Ion: 119 Resp: 25468  
Ion Ratio Lower Upper  
119 100  
134 28.1 12.8 38.4  
91 20.4 11.8 35.3

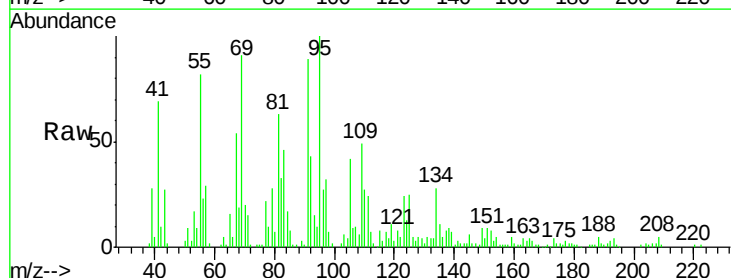


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 134.00 (133.70 to 134.70): V  
Ion 91.00 (90.70 to 91.70): V

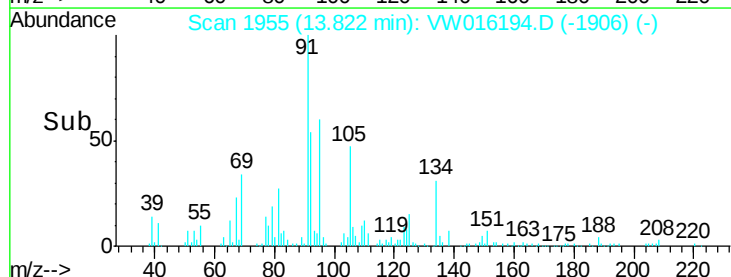
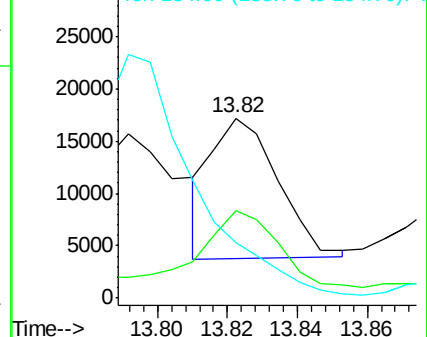


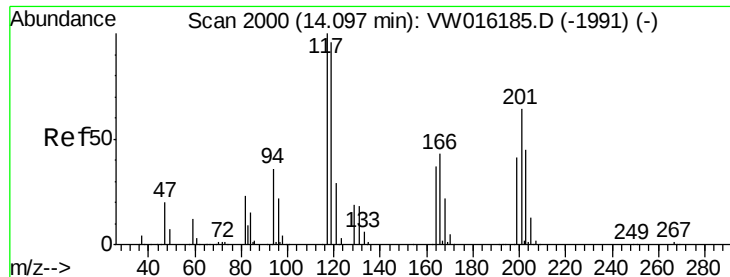
#89  
n-Butylbenzene  
Concen: 2.988 ug/l  
RT: 13.82 min Scan# 1955  
Delta R.T. -0.00 min  
Lab File: VW016194.D  
Acq: 14 Aug 2020 16:07

Tgt Ion: 91 Resp: 17763  
Ion Ratio Lower Upper  
91 100  
92 65.7 27.4 82.2  
134 0.0 13.0 39.0#



Abundance Ion 91.00 (90.70 to 91.70): V  
Ion 92.00 (91.70 to 92.70): V  
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 7.721 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW016194.D

Acq: 14 Aug 2020 16:07

Instrument :

MSVOA\_W

ClientSampled :

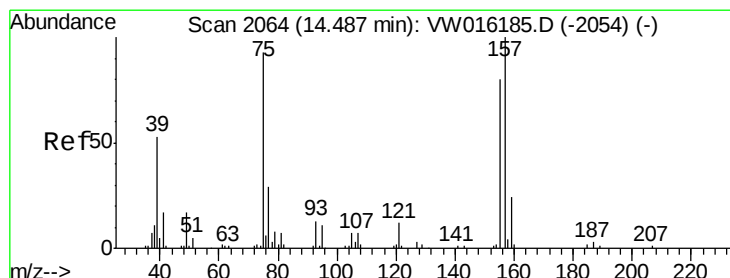
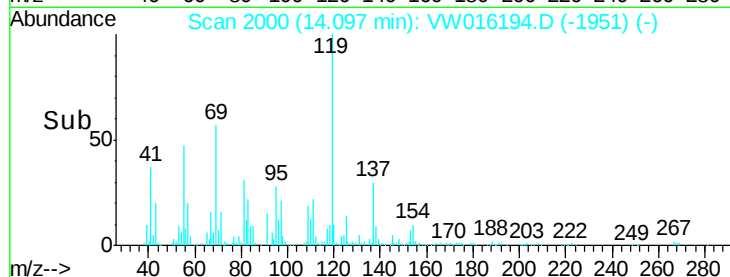
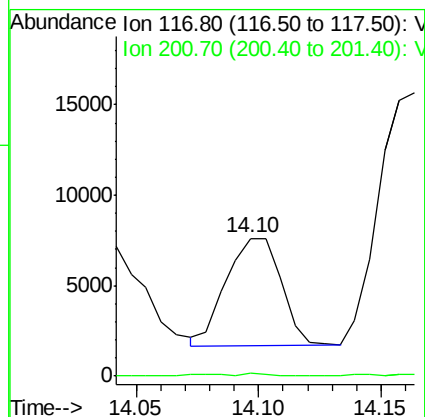
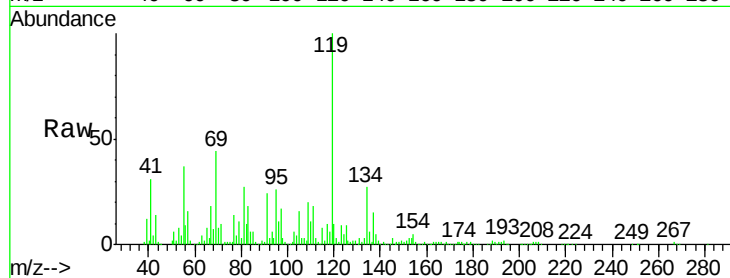
24051

Tgt Ion: 117 Resp: 9260

Ion Ratio Lower Upper

117 100

201 1.1 33.8 101.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.246 ug/l

RT: 14.46 min Scan# 2060

Delta R.T. -0.02 min

Lab File: VW016194.D

Acq: 14 Aug 2020 16:07

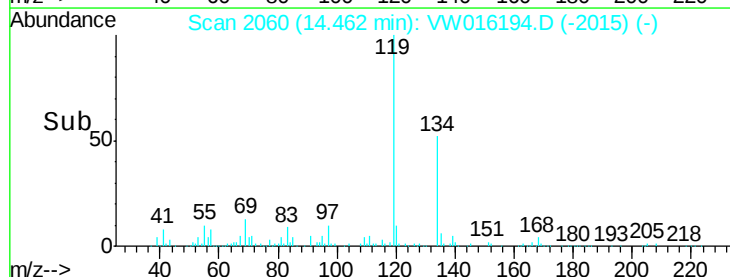
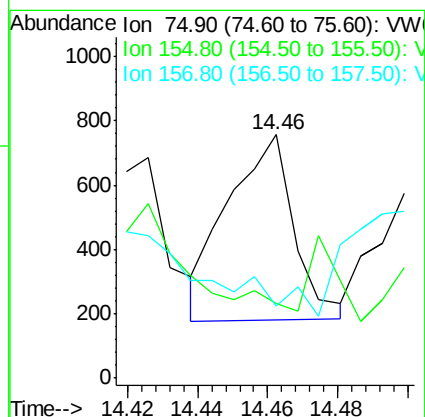
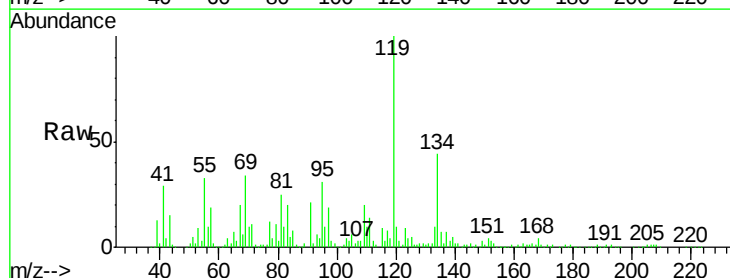
Tgt Ion: 75 Resp: 759

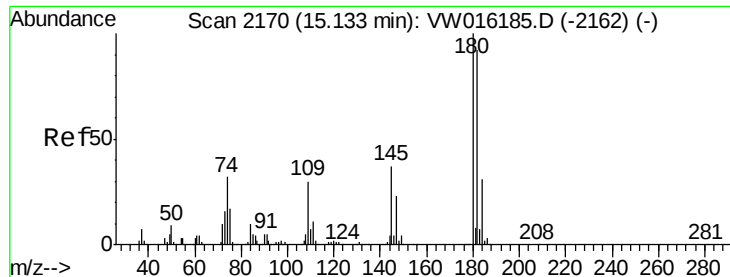
Ion Ratio Lower Upper

75 100

155 19.0 41.3 124.1#

157 0.0 53.0 159.0#

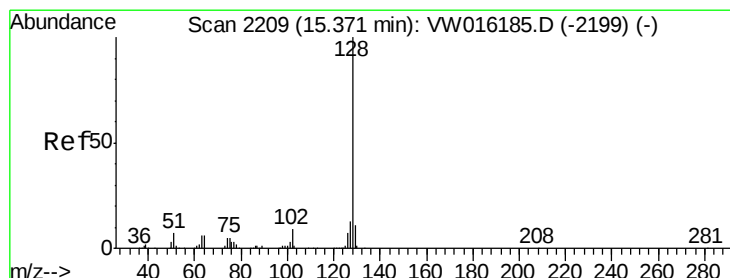
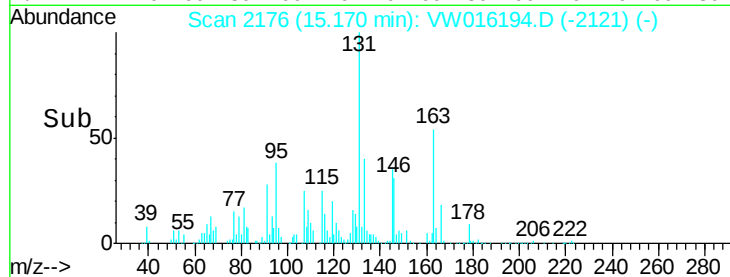
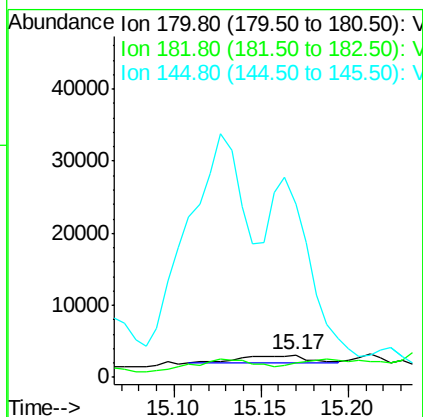
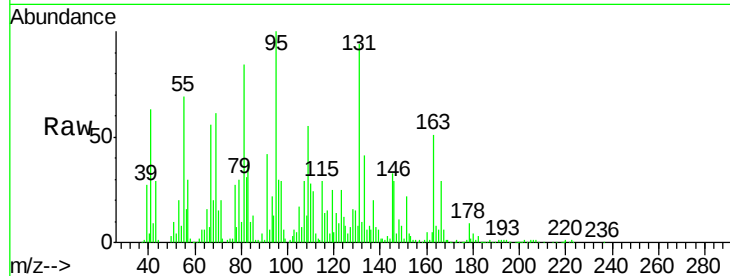




#93  
 1,2,4-Trichlorobenzene  
 Concen: 1.788 ug/l  
 RT: 15.17 min Scan# 2176  
 Delta R.T. 0.04 min  
 Lab File: VW016194.D  
 Acq: 14 Aug 2020 16:07

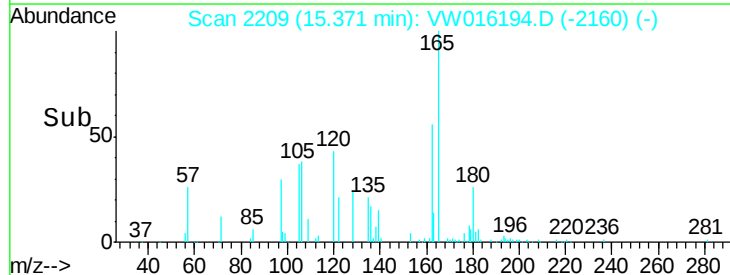
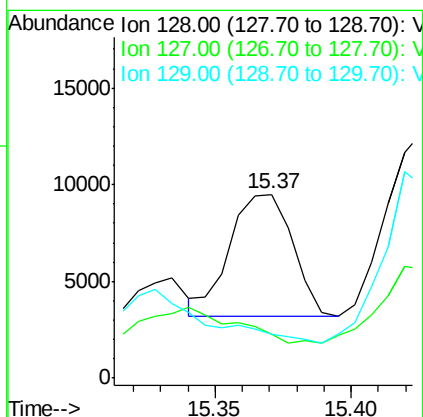
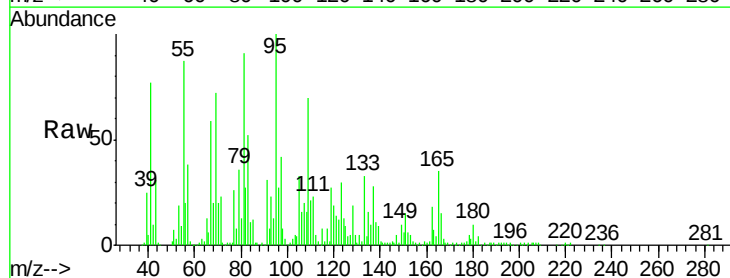
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 24051

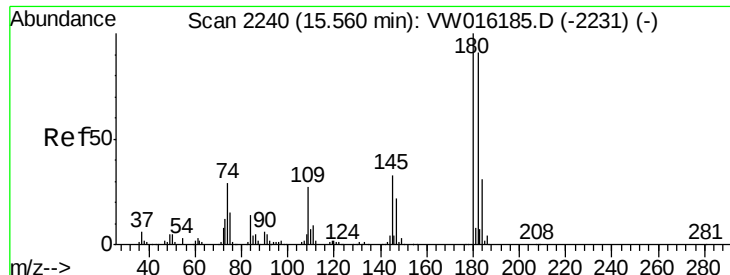
Tgt Ion:180 Resp: 2862  
 Ion Ratio Lower Upper  
 180 100  
 182 0.0 46.0 138.0#  
 145 1497.7 16.9 50.7#



#95  
 Naphthalene  
 Concen: 6.345 ug/l  
 RT: 15.37 min Scan# 2209  
 Delta R.T. 0.00 min  
 Lab File: VW016194.D  
 Acq: 14 Aug 2020 16:07

Tgt Ion:128 Resp: 10004  
 Ion Ratio Lower Upper  
 128 100  
 127 0.0 10.2 15.4#  
 129 0.0 8.7 13.1#

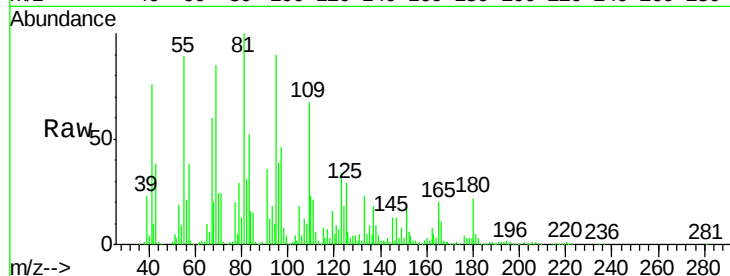




#96  
 1,2,3-Trichlorobenzene  
 Concen: 10.585 ug/l  
 RT: 15.58 min Scan# 2243  
 Delta R.T. 0.02 min  
 Lab File: VW016194.D  
 Acq: 14 Aug 2020 16:07

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 24051

Tgt Ion:180 Resp: 14548  
 Ion Ratio Lower Upper  
 180 100  
 182 1.8 47.7 143.1#  
 145 0.0 17.4 52.3#



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

