

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\  
 Data File : VL035347.D  
 Acq On : 6 Aug 2020 13:03  
 Operator : SY/AP  
 Sample : L3557-02  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :

Quant Time: Aug 07 06:26:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Aug 05 13:04:46 2020  
 QLast Update : Wed Aug 05 13:04:46 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.64  | 49   | 1284802  | 10.00 | ppbv  | -0.01    |
| 33) 1,4-Difluorobenzene | 7.17  | 114  | 3193842  | 10.00 | ppbv  | -0.02    |
| 55) Chlorobenzene-d5    | 12.10 | 117  | 3033131  | 10.00 | ppbv  | -0.02    |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.43  | 95    | 2567397  | 10.15    | ppbv | -0.02   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 101.50% |

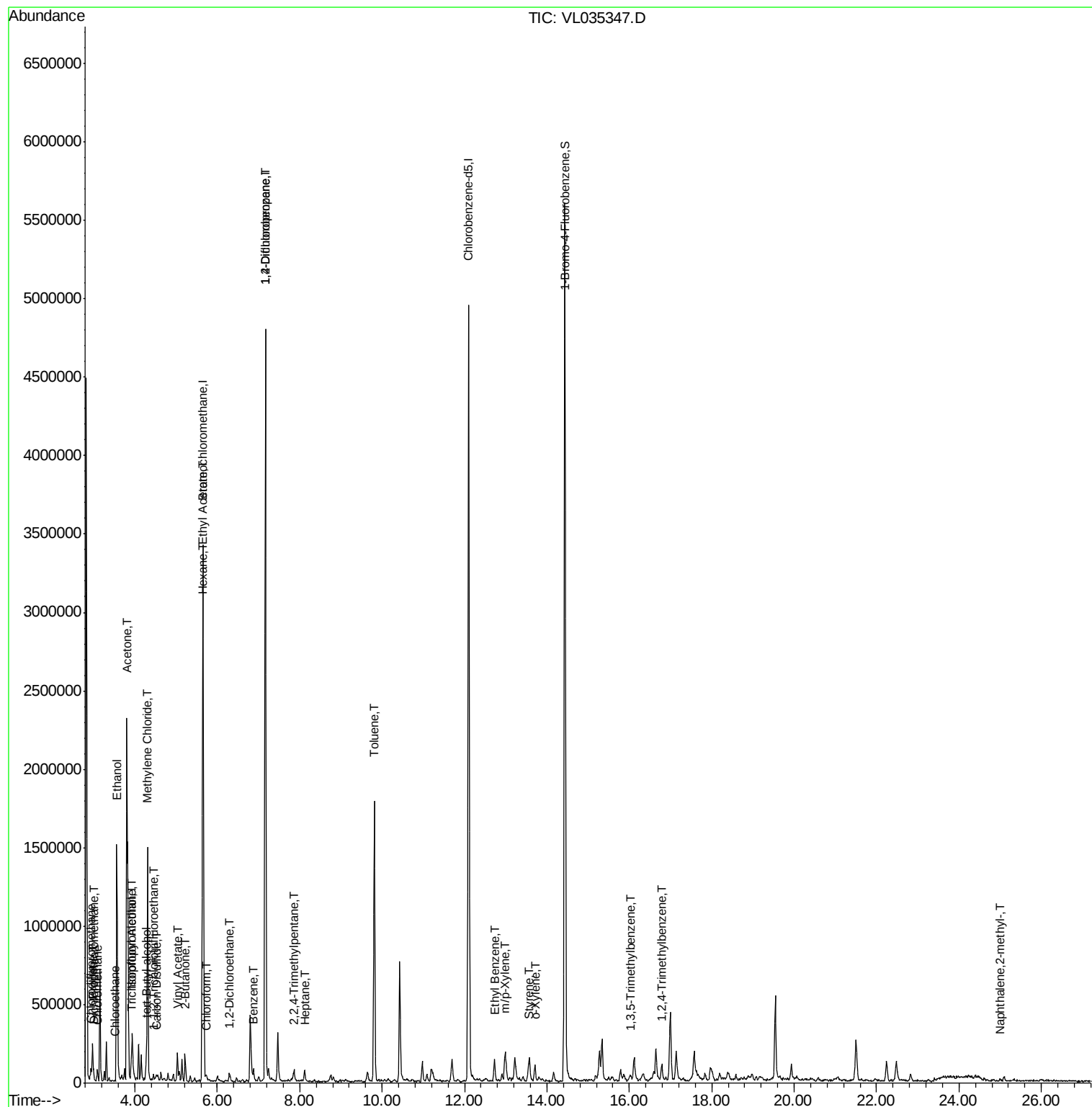
| Target Compounds               |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) Dichlorodifluoromethane     | 3.00  | 85  | 44705   | 0.262  | ppbv 91   |
| 3) Chlorodifluoromethane       | 2.93  | 51  | 85411   | 0.582  | ppbv # 83 |
| 4) Chloromethane               | 3.09  | 50  | 56466   | 0.680  | ppbv 95   |
| 7) Chloroethane                | 3.52  | 64  | 1285    | 0.041  | ppbv # 46 |
| 9) Propene                     | 2.97  | 41  | 39521   | 0.756  | ppbv 88   |
| 10) Heptane                    | 8.12  | 43  | 9218    | 0.069  | ppbv # 1  |
| 11) Trichlorofluoromethane     | 3.91  | 101 | 55406   | 0.250  | ppbv # 80 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.45  | 101 | 5011    | 0.032  | ppbv # 1  |
| 13) Ethanol                    | 3.56  | 45  | 1461322 | 81.073 | ppbv 97   |
| 15) Acetone                    | 3.80  | 43  | 2518094 | 13.801 | ppbv 99   |
| 17) tert-Butyl alcohol         | 4.26  | 59  | 15011   | 0.090  | ppbv # 71 |
| 19) Isopropyl Alcohol          | 3.93  | 45  | 271846  | 2.351  | ppbv # 1  |
| 20) Methylene Chloride         | 4.31  | 84  | 473752  | 6.367  | ppbv 98   |
| 23) Vinyl Acetate              | 5.03  | 43  | 137856  | 0.788  | ppbv # 85 |
| 25) Ethyl Acetate              | 5.66  | 43  | 345764  | 1.247  | ppbv # 87 |
| 26) Hexane                     | 5.66  | 57  | 345709  | 2.875  | ppbv # 54 |
| 27) Carbon Disulfide           | 4.51  | 76  | 27075   | 0.161  | ppbv # 55 |
| 29) Chloroform                 | 5.73  | 83  | 14231   | 0.069  | ppbv 98   |
| 34) 2-Butanone                 | 5.22  | 43  | 164066  | 1.043  | ppbv 99   |
| 36) Benzene                    | 6.88  | 78  | 26995   | 0.125  | ppbv # 90 |
| 37) 1,2-Dichloroethane         | 6.29  | 62  | 15200   | 0.101  | ppbv # 90 |
| 39) 1,2-Dichloropropane        | 7.17  | 63  | 844185  | 9.669  | ppbv # 23 |
| 44) 2,2,4-Trimethylpentane     | 7.86  | 57  | 37413   | 0.098  | ppbv # 58 |
| 53) Toluene                    | 9.81  | 91  | 1246544 | 5.313  | ppbv 100  |
| 58) Ethyl Benzene              | 12.73 | 91  | 94030   | 0.298  | ppbv # 84 |
| 59) m/p-Xylene                 | 13.01 | 91  | 25902   | 0.088  | ppbv # 29 |
| 60) o-Xylene                   | 13.71 | 91  | 39984   | 0.137  | ppbv # 31 |
| 61) Styrene                    | 13.55 | 104 | 17812   | 0.100  | ppbv # 26 |
| 73) 1,3,5-Trimethylbenzene     | 16.02 | 105 | 10852   | 0.034  | ppbv # 30 |
| 74) 1,2,4-Trimethylbenzene     | 16.77 | 105 | 16768   | 0.046  | ppbv # 57 |
| 80) Naphthalene,2-methyl-      | 25.00 | 142 | 5755    | 0.090  | ppbv # 81 |

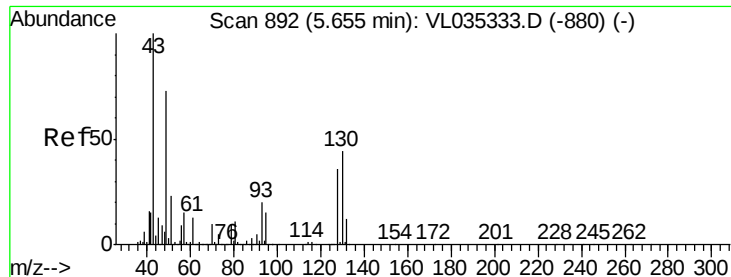
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 05 13:04:46 2020  
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.01 min

Lab File: VL035347.D

Acq: 6 Aug 2020 13:03

Instrument :

MSVOA\_L

ClientSampleId :

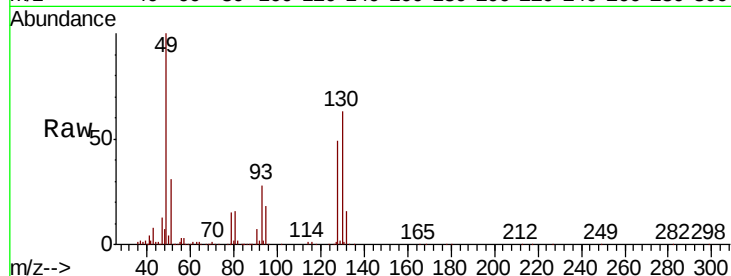
Tot Ion: 49 Resp: 1284802

Ion Ratio Lower Upper

49 100

128 51.4 25.4 76.0

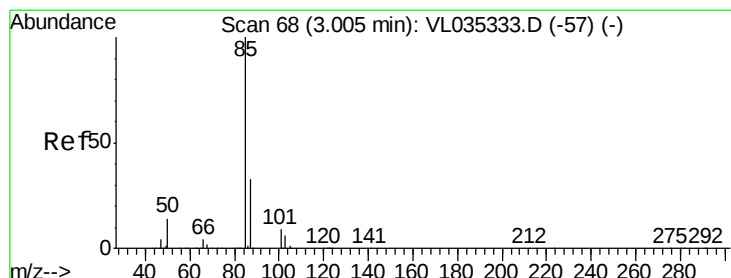
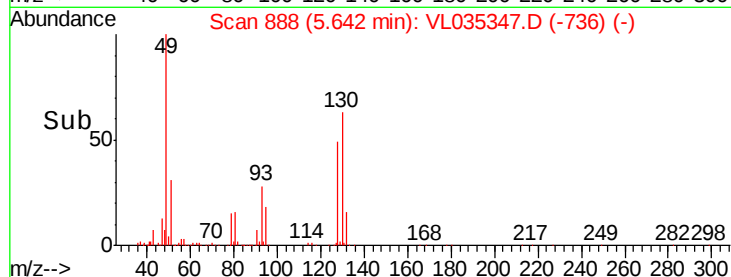
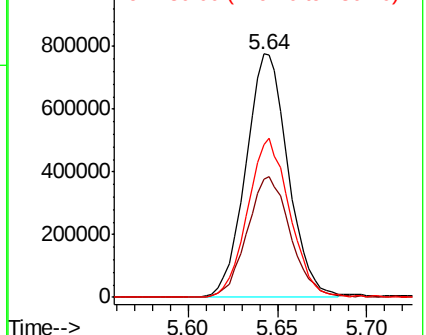
130 65.9 32.1 96.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.262 ppbv

RT: 3.00 min Scan# 65

Delta R.T. -0.01 min

Lab File: VL035347.D

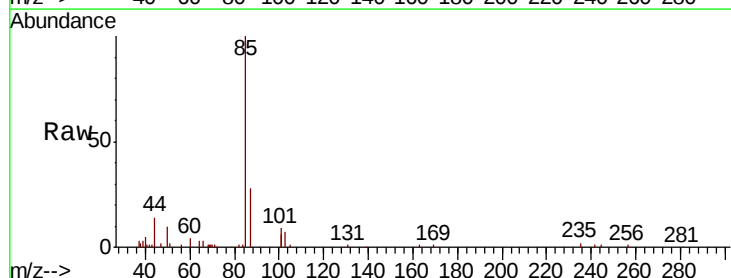
Acq: 6 Aug 2020 13:03

Tgt Ion: 85 Resp: 44705

Ion Ratio Lower Upper

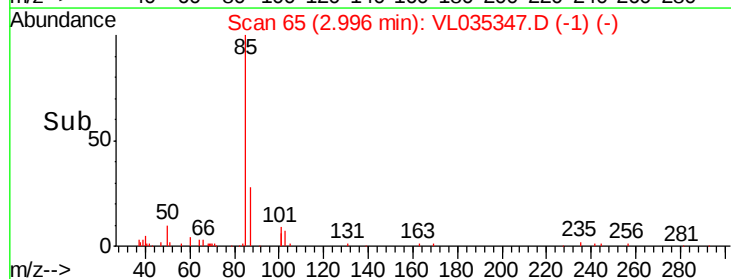
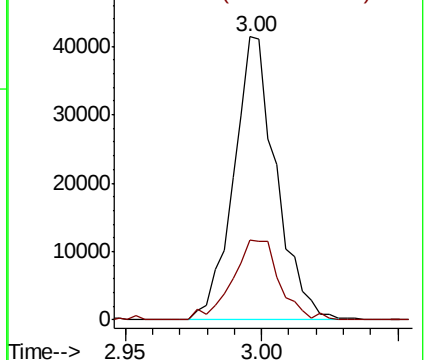
85 100

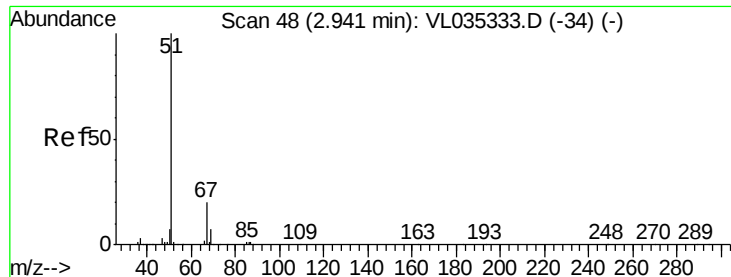
87 28.2 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

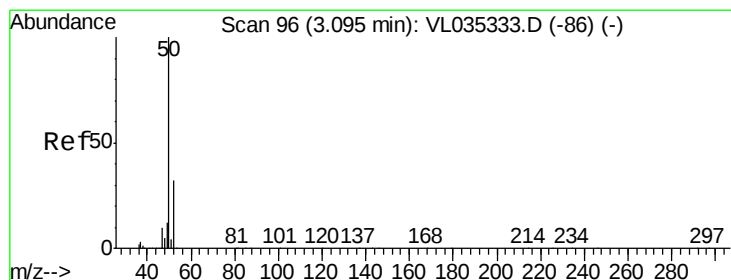
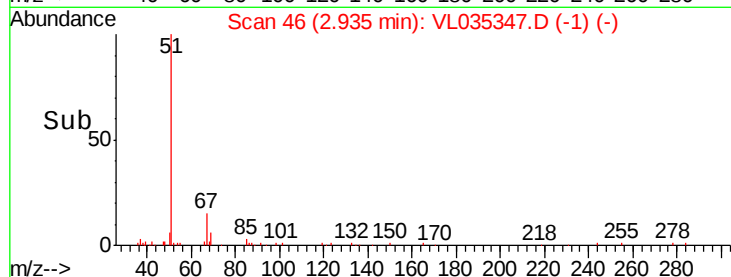
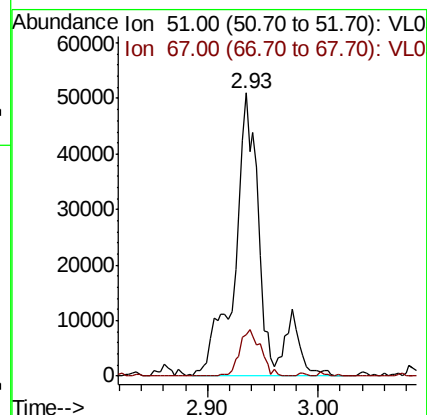
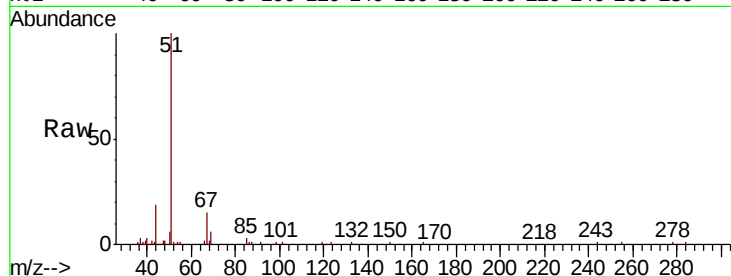




#3  
Chlorodifluoromethane  
Concen: 0.582 ppbv  
RT: 2.93 min Scan# 46  
Delta R.T. -0.01 min  
Lab File: VL035347.D  
Acq: 6 Aug 2020 13:03

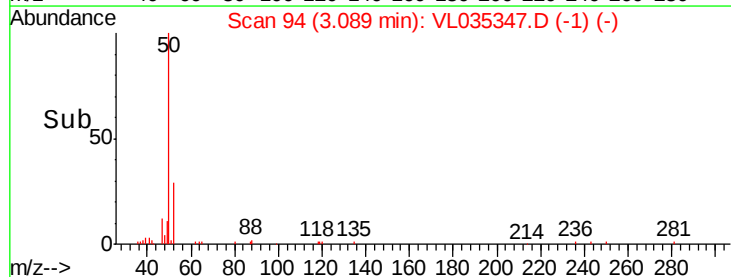
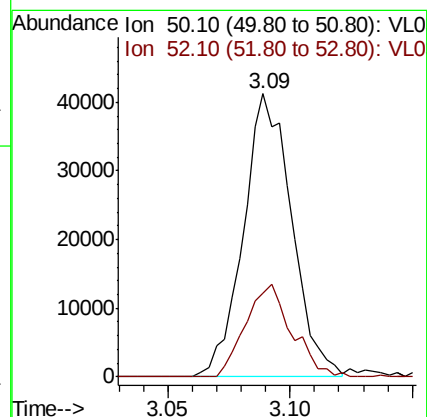
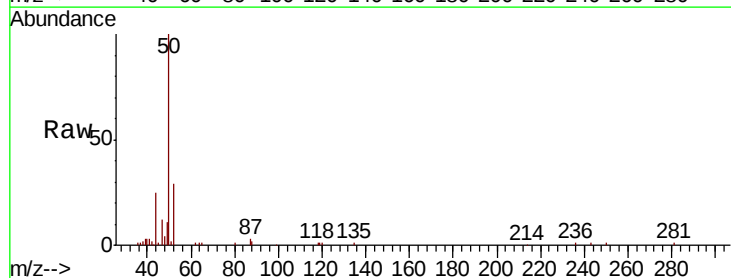
Instrument :  
MSVOA\_L  
ClientSampled :

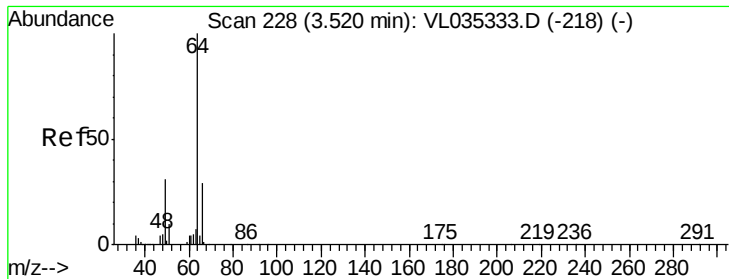
Tot Ion: 51 Resp: 85411  
Ion Ratio Lower Upper  
51 100  
67 13.1 16.6 25.0#



#4  
Chloromethane  
Concen: 0.680 ppbv  
RT: 3.09 min Scan# 94  
Delta R.T. -0.01 min  
Lab File: VL035347.D  
Acq: 6 Aug 2020 13:03

Tgt Ion: 50 Resp: 56466  
Ion Ratio Lower Upper  
50 100  
52 29.4 26.0 39.0





#7

Chloroethane

Concen: 0.041 ppbv

RT: 3.52 min Scan# 228

Delta R.T. 0.00 min

Lab File: VL035347.D

Acq: 6 Aug 2020 13:03

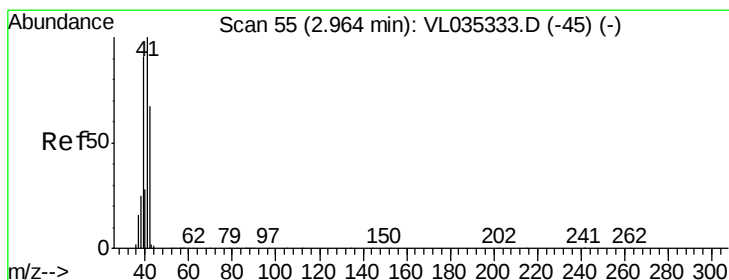
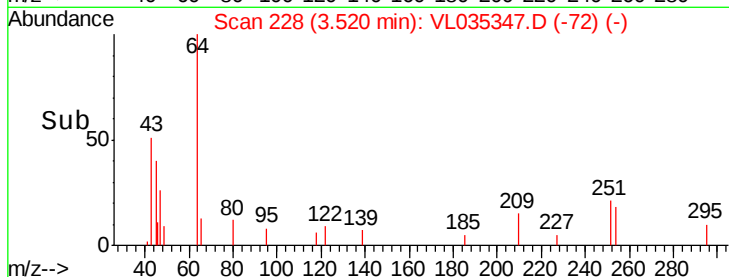
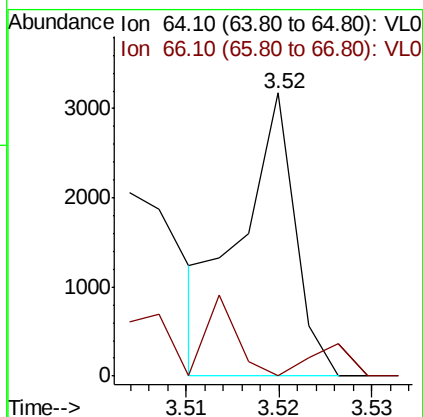
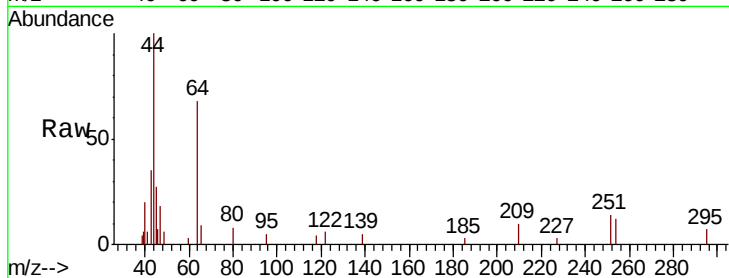
Instrument :  
MSVOA\_L  
ClientSampleId :

Tot Ion: 64 Resp: 1285

Ion Ratio Lower Upper

64 100

66 0.0 23.0 34.6#



#9

Propene

Concen: 0.756 ppbv

RT: 2.97 min Scan# 56

Delta R.T. 0.00 min

Lab File: VL035347.D

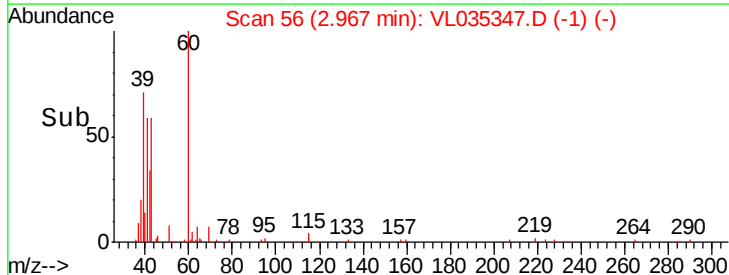
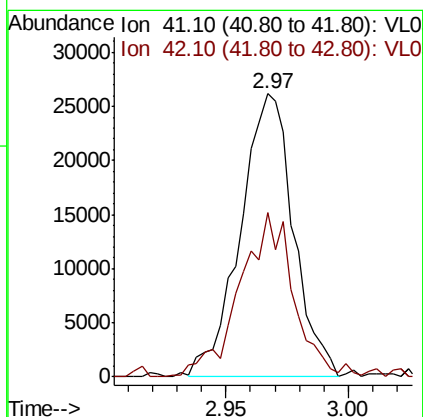
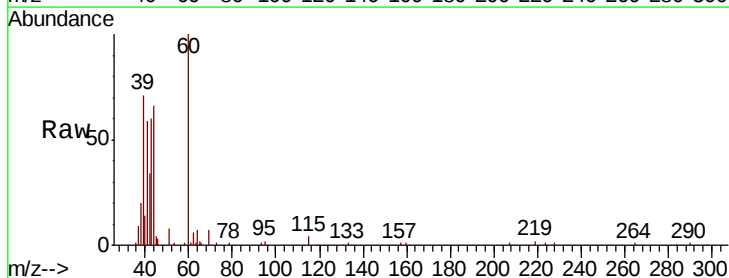
Acq: 6 Aug 2020 13:03

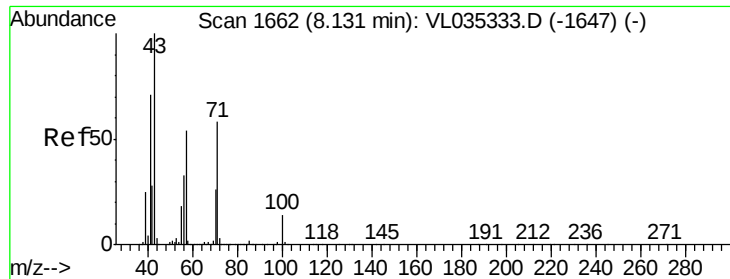
Tgt Ion: 41 Resp: 39521

Ion Ratio Lower Upper

41 100

42 59.3 55.3 82.9





#10

Heptane

Concen: 0.069 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VL035347.D

Acq: 6 Aug 2020 13:03

Instrument :

MSVOA\_L

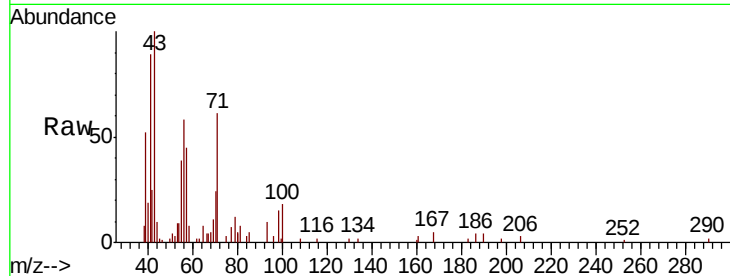
ClientSampleId :

Tot Ion: 43 Resp: 9218

Ion Ratio Lower Upper

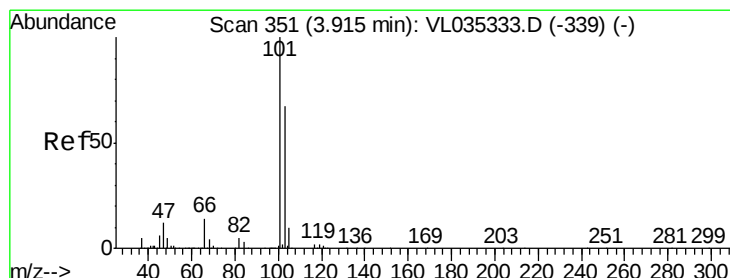
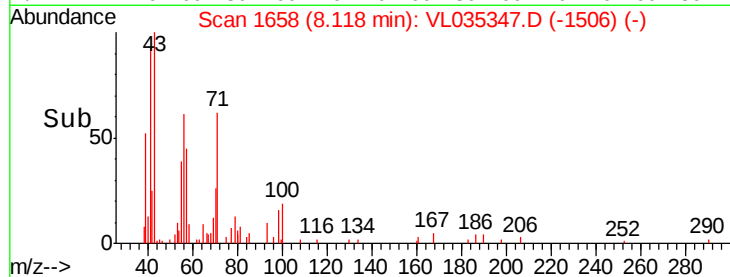
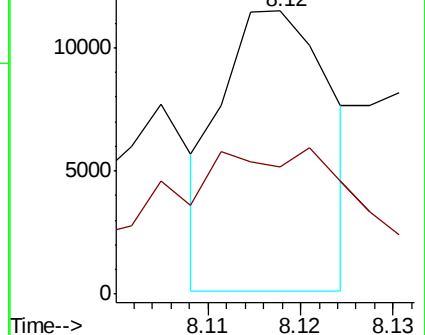
43 100

57 124.4 43.0 64.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#11

Trichlorofluoromethane

Concen: 0.250 ppbv

RT: 3.91 min Scan# 349

Delta R.T. -0.01 min

Lab File: VL035347.D

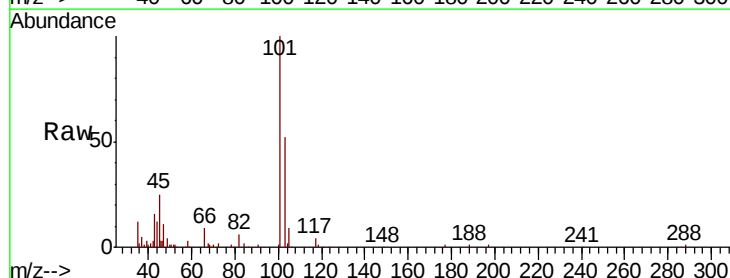
Acq: 6 Aug 2020 13:03

Tgt Ion:101 Resp: 55406

Ion Ratio Lower Upper

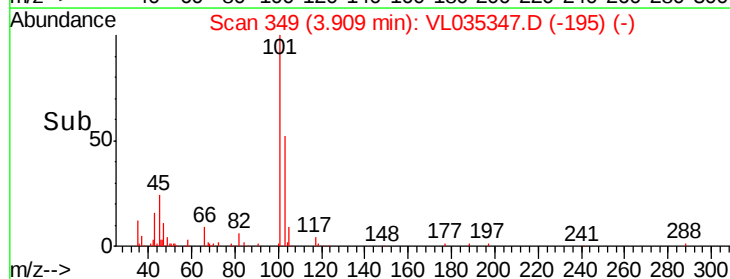
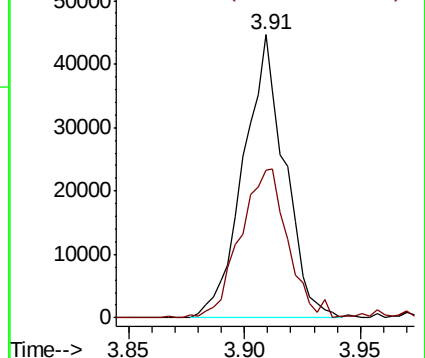
101 100

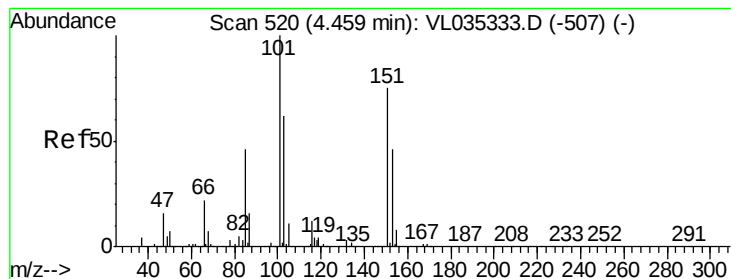
103 51.4 53.8 80.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.032 ppbv

RT: 4.45 min Scan# 517

Delta R.T. -0.01 min

Lab File: VL035347.D

Acq: 6 Aug 2020 13:03

Instrument :

MSVOA\_L

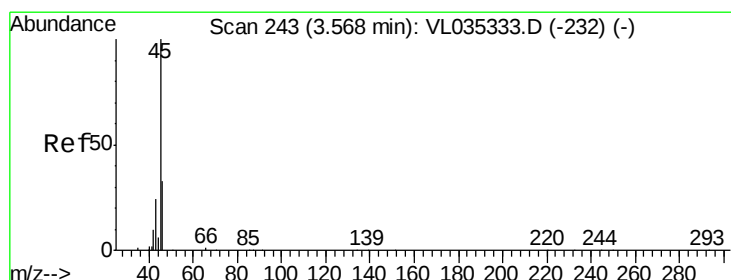
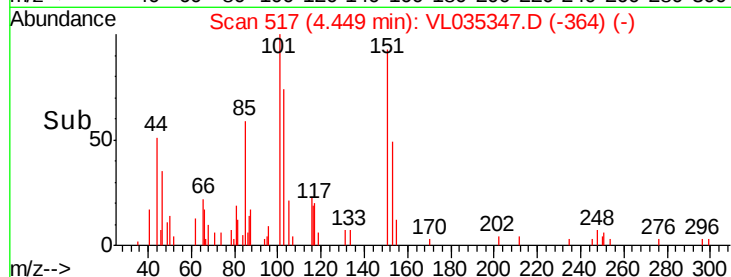
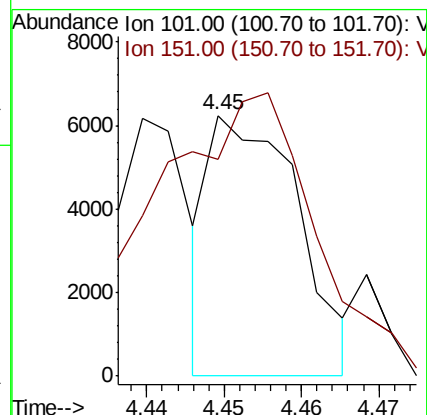
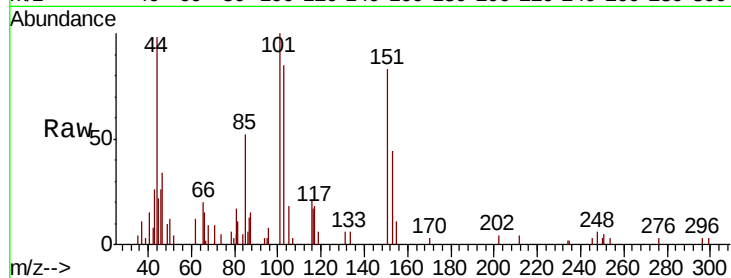
ClientSampleId :

Tot Ion:101 Resp: 5011

Ion Ratio Lower Upper

101 100

151 214.2 59.5 89.3#



#13

Ethanol

Concen: 81.073 ppbv

RT: 3.56 min Scan# 241

Delta R.T. -0.01 min

Lab File: VL035347.D

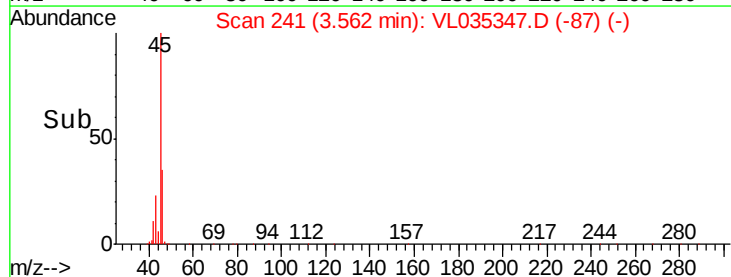
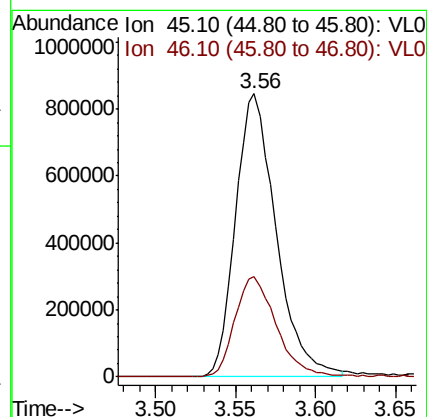
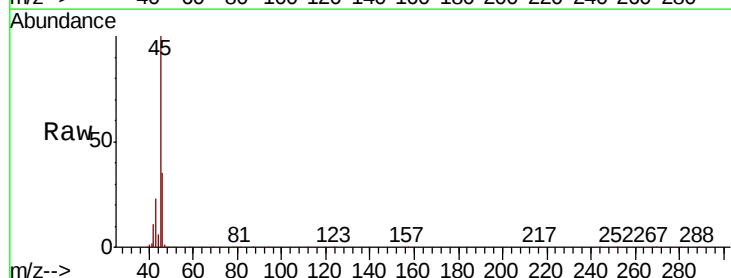
Acq: 6 Aug 2020 13:03

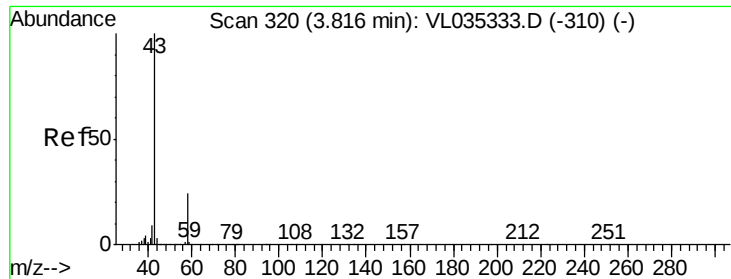
Tgt Ion: 45 Resp: 1461322

Ion Ratio Lower Upper

45 100

46 36.5 15.2 61.0





#15

Acetone

Concen: 13.801 ppbv

RT: 3.80 min Scan# 316

Delta R.T. -0.01 min

Lab File: VL035347.D

Acq: 6 Aug 2020 13:03

Instrument :

MSVOA\_L

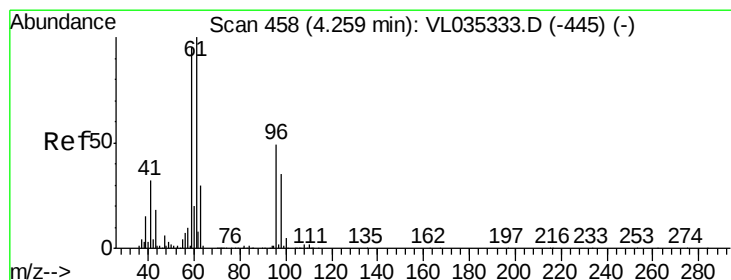
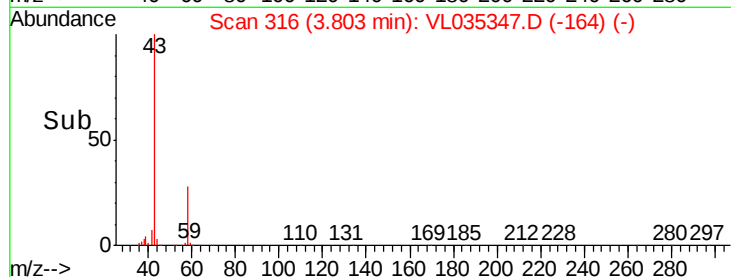
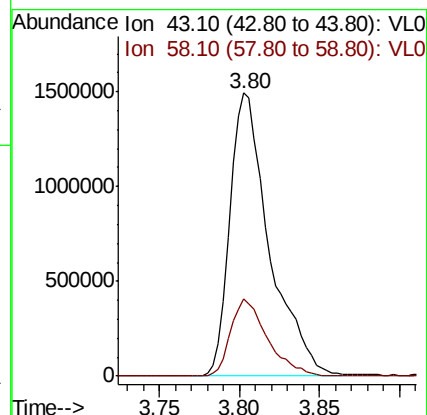
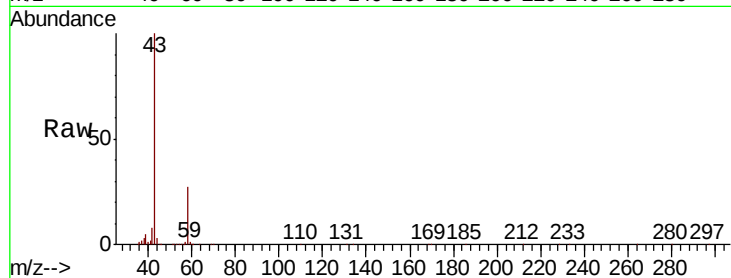
ClientSampleId :

Tot Ion: 43 Resp: 2518094

Ion Ratio Lower Upper

43 100

58 25.8 21.0 31.4



#17

tert-Butyl alcohol

Concen: 0.090 ppbv

RT: 4.26 min Scan# 459

Delta R.T. 0.00 min

Lab File: VL035347.D

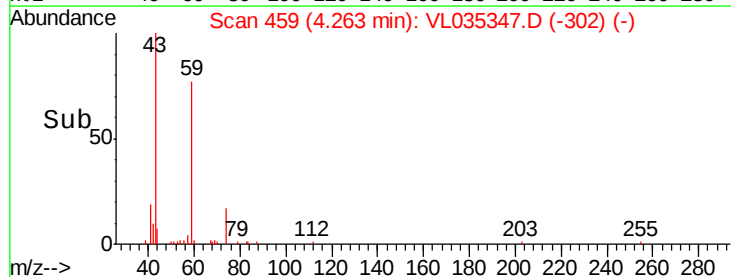
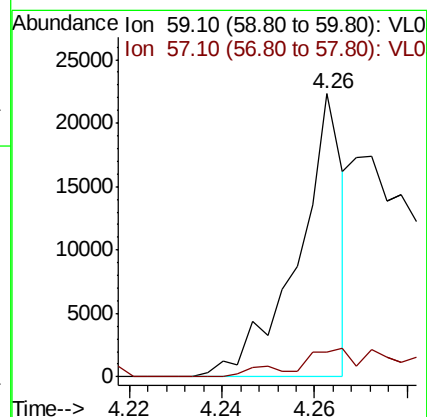
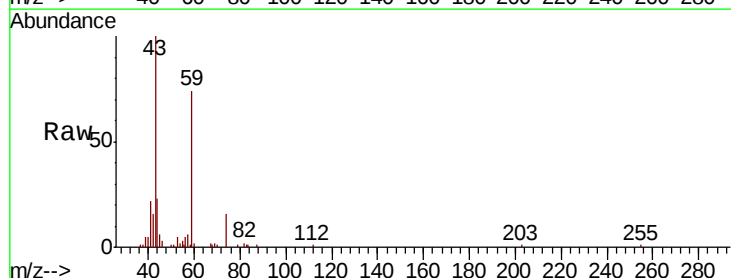
Acq: 6 Aug 2020 13:03

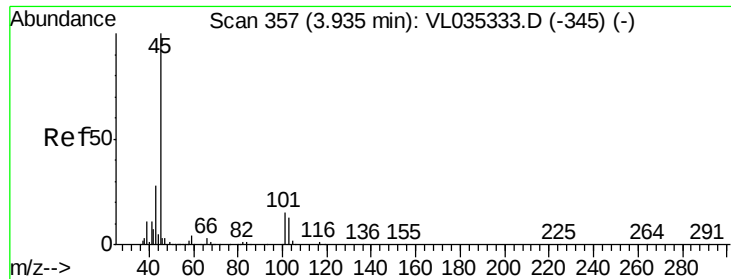
Tgt Ion: 59 Resp: 15011

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#





#19

Isopropyl Alcohol

Concen: 2.351 ppbv

RT: 3.93 min Scan# 356

Delta R.T. -0.00 min

Lab File: VL035347.D

Acq: 6 Aug 2020 13:03

Instrument :

MSVOA\_L

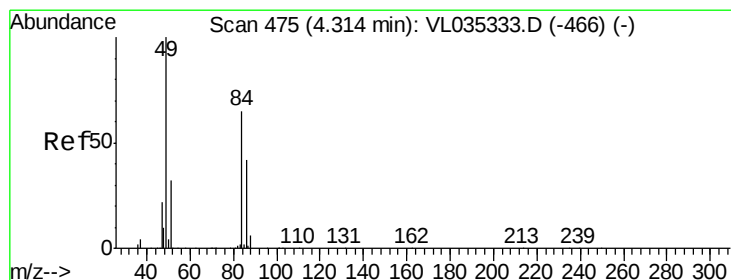
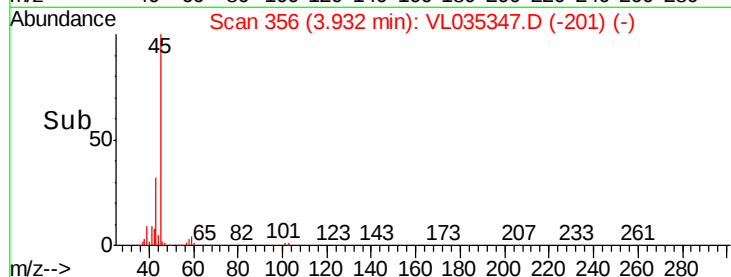
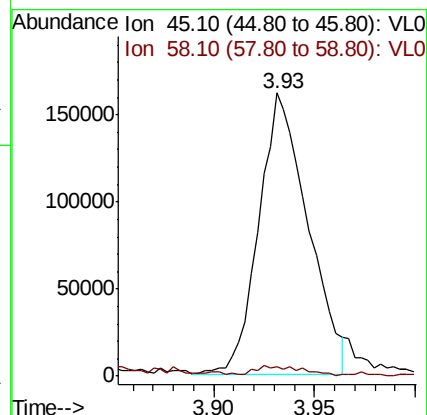
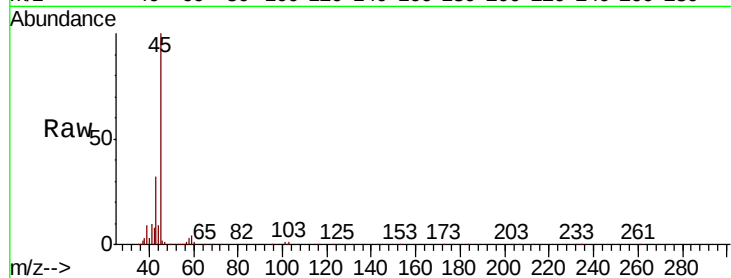
ClientSampled :

Tot Ion: 45 Resp: 271846

Ion Ratio Lower Upper

45 100

58 239.2 1.9 2.9#



#20

Methylene Chloride

Concen: 6.367 ppbv

RT: 4.31 min Scan# 473

Delta R.T. -0.01 min

Lab File: VL035347.D

Acq: 6 Aug 2020 13:03

Tgt Ion: 84 Resp: 473752

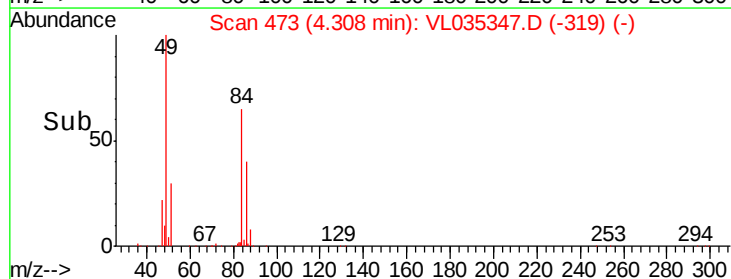
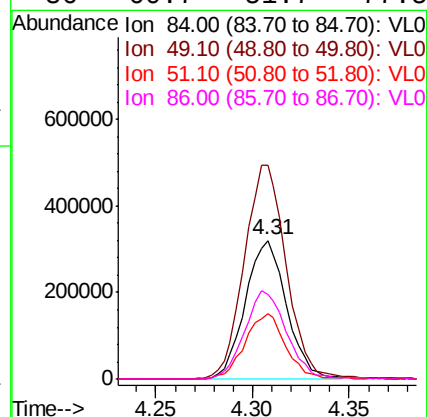
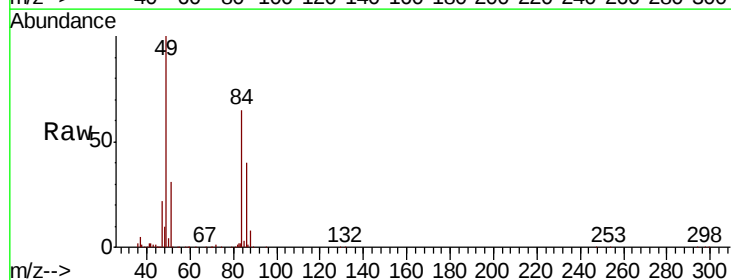
Ion Ratio Lower Upper

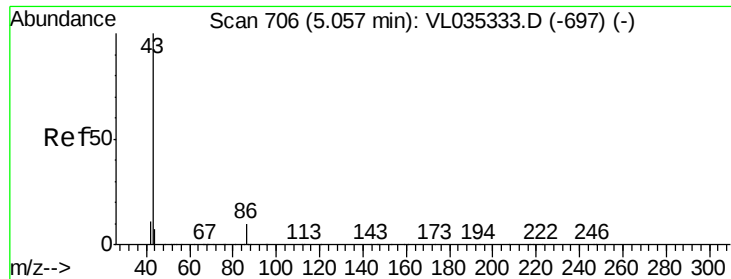
84 100

49 154.0 122.8 184.2

51 46.9 40.1 60.1

86 60.7 51.7 77.5

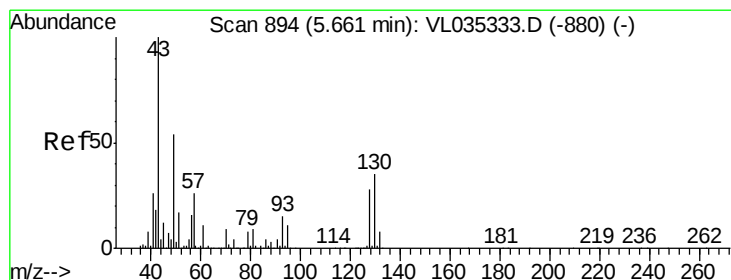
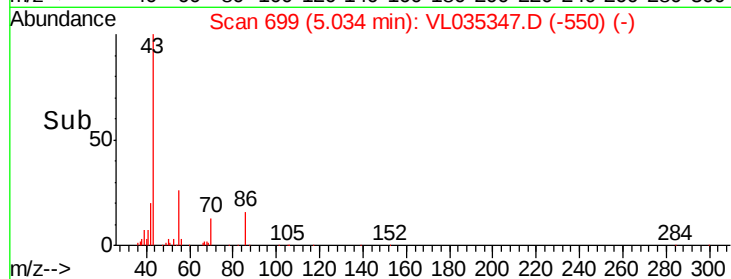
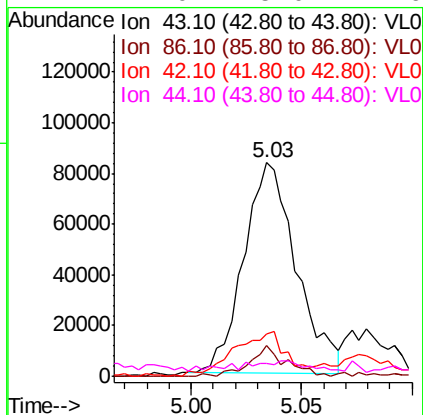
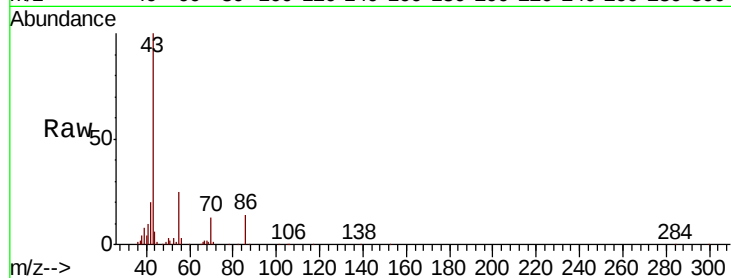




#23  
 Vinyl Acetate  
 Concen: 0.788 ppbv  
 RT: 5.03 min Scan# 699  
 Delta R.T. -0.02 min  
 Lab File: VL035347.D  
 Acq: 6 Aug 2020 13:03

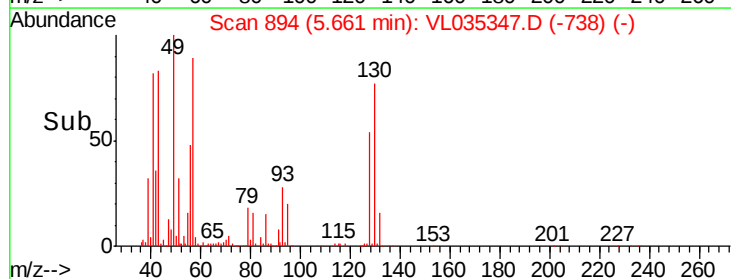
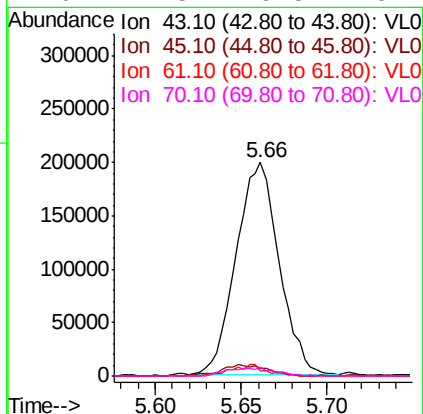
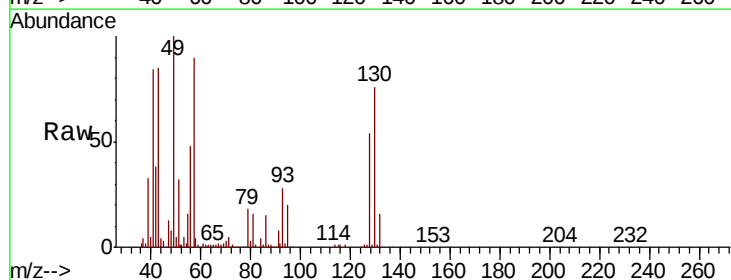
Instrument :  
 MSVOA\_L  
 ClientSampled :

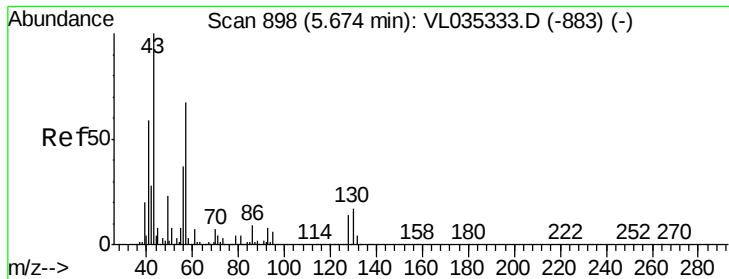
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 137856 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 86       | 15.0  | 6.9   | 10.3#  |
| 42       | 17.7  | 8.8   | 13.2#  |
| 44       | 4.0   | 5.0   | 7.6#   |



#25  
 Ethyl Acetate  
 Concen: 1.247 ppbv  
 RT: 5.66 min Scan# 894  
 Delta R.T. 0.00 min  
 Lab File: VL035347.D  
 Acq: 6 Aug 2020 13:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 345764 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 45       | 6.0   | 8.5   | 12.7#  |
| 61       | 4.5   | 8.1   | 12.1#  |
| 70       | 4.5   | 6.5   | 9.7#   |

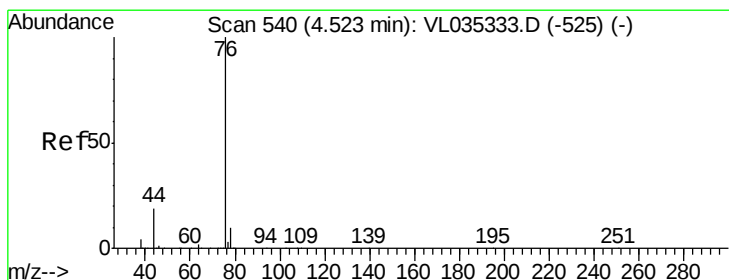
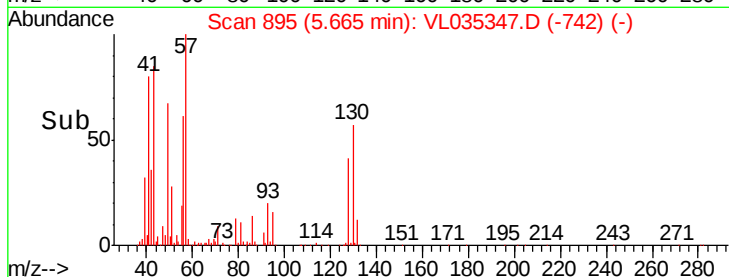
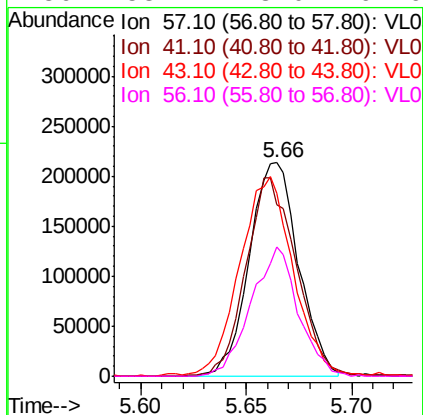
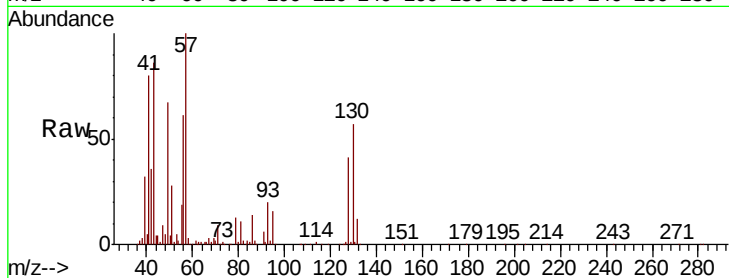




#26  
Hexane  
Concen: 2.875 ppbv  
RT: 5.66 min Scan# 895  
Delta R.T. -0.01 min  
Lab File: VL035347.D  
Acq: 6 Aug 2020 13:03

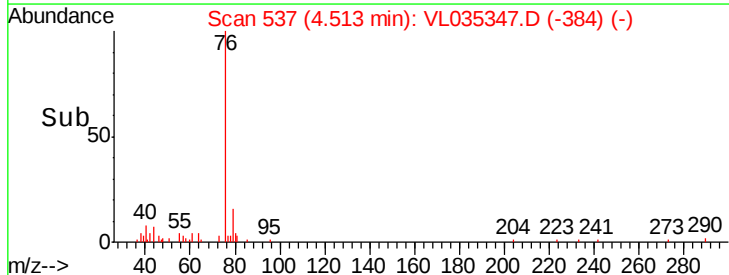
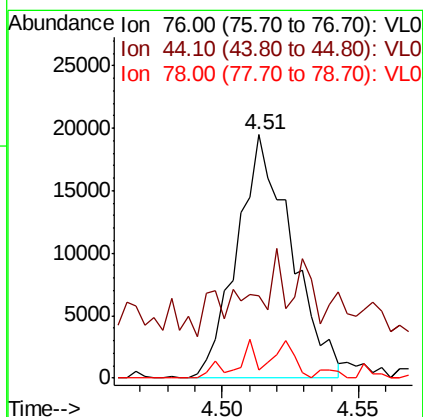
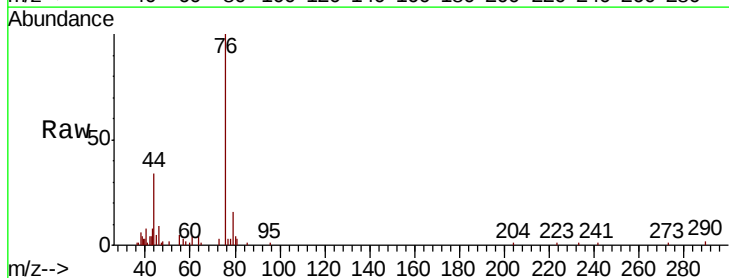
Instrument :  
MSVOA\_L  
ClientSampled :

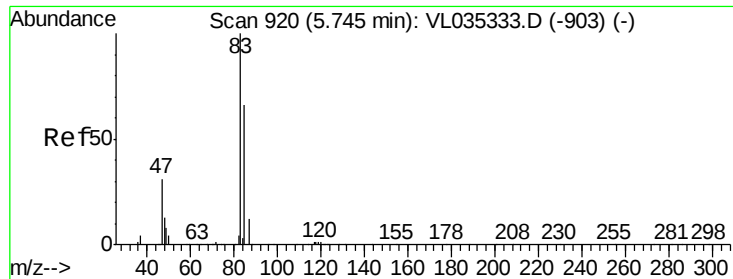
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 57    | Resp: | 345709 |
| Ion      | Ratio | Lower | Upper  |
| 57       | 100   |       |        |
| 41       | 95.1  | 75.2  | 112.8  |
| 43       | 103.2 | 180.6 | 270.8# |
| 56       | 58.2  | 43.0  | 64.6   |



#27  
Carbon Disulfide  
Concen: 0.161 ppbv  
RT: 4.51 min Scan# 537  
Delta R.T. -0.01 min  
Lab File: VL035347.D  
Acq: 6 Aug 2020 13:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 76    | Resp: | 27075 |
| Ion      | Ratio | Lower | Upper |
| 76       | 100   |       |       |
| 44       | 46.9  | 15.4  | 23.2# |
| 78       | 14.0  | 7.7   | 11.5# |





#29

Chloroform

Concen: 0.069 ppbv

RT: 5.73 min Scan# 915

Delta R.T. -0.02 min

Lab File: VL035347.D

Acq: 6 Aug 2020 13:03

Instrument :

MSVOA\_L

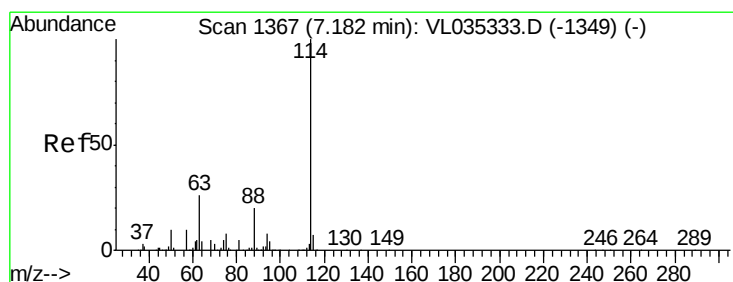
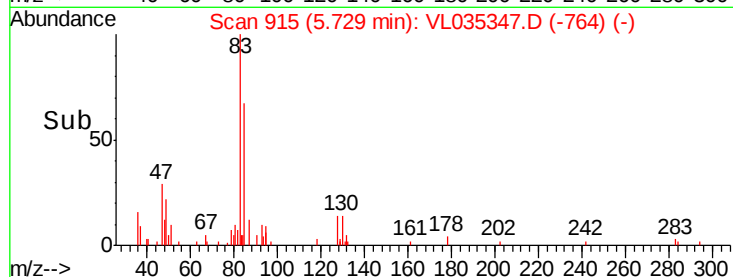
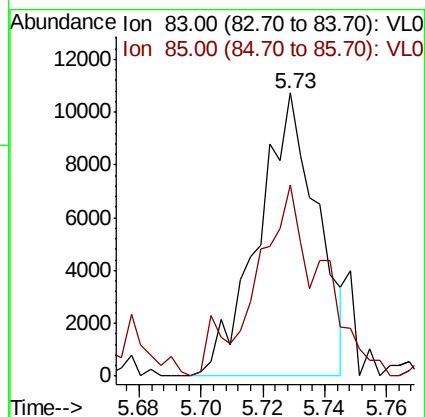
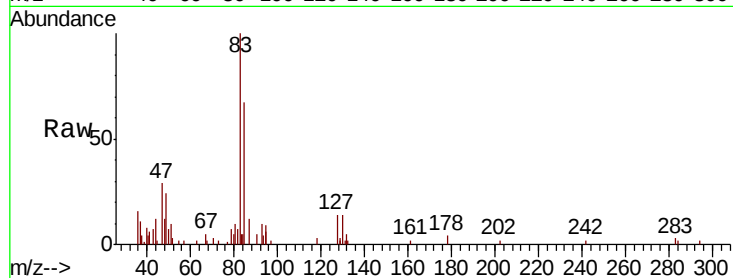
ClientSampled :

Tot Ion: 83 Resp: 14231

Ion Ratio Lower Upper

83 100

85 64.1 52.9 79.3



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.02 min

Lab File: VL035347.D

Acq: 6 Aug 2020 13:03

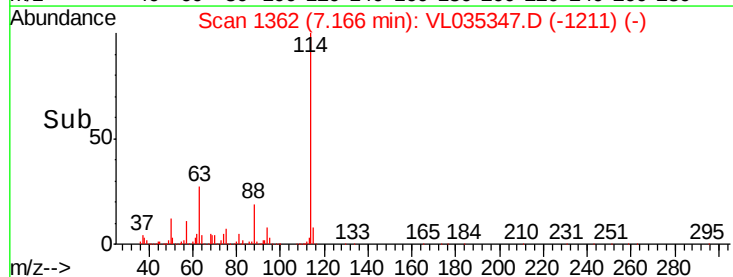
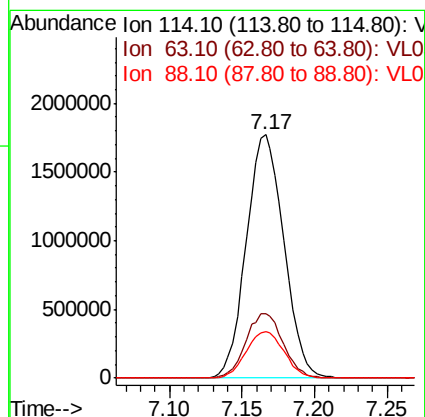
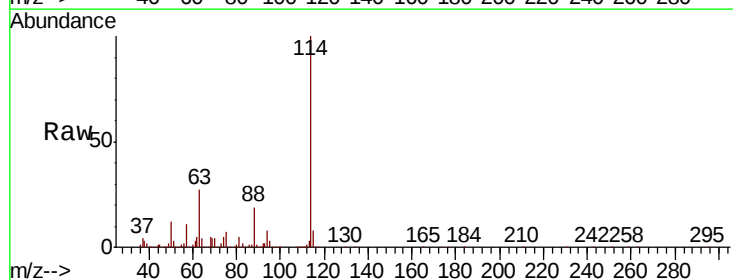
Tgt Ion: 114 Resp: 3193842

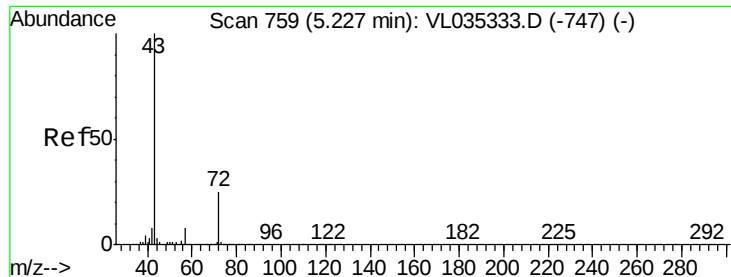
Ion Ratio Lower Upper

114 100

63 26.6 21.3 31.9

88 19.5 15.3 22.9

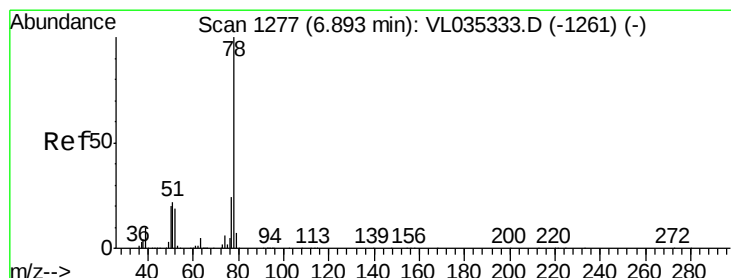
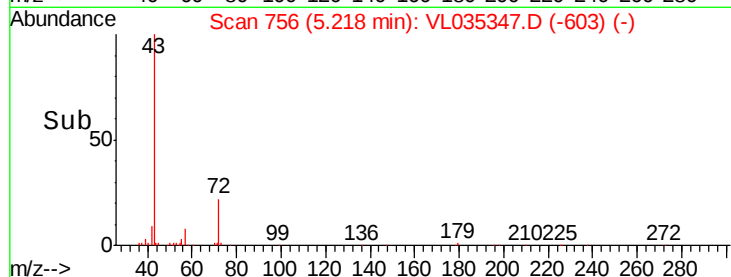
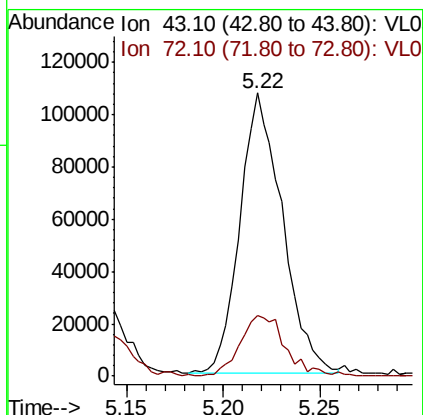
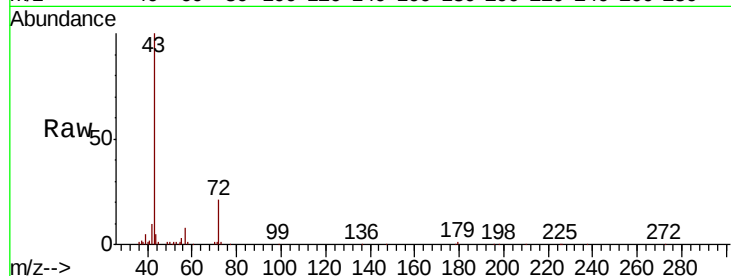




#34  
2-Butanone  
Concen: 1.043 ppbv  
RT: 5.22 min Scan# 756  
Delta R.T. -0.01 min  
Lab File: VL035347.D  
Acq: 6 Aug 2020 13:03

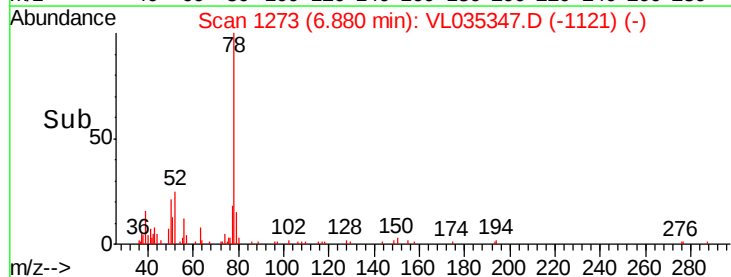
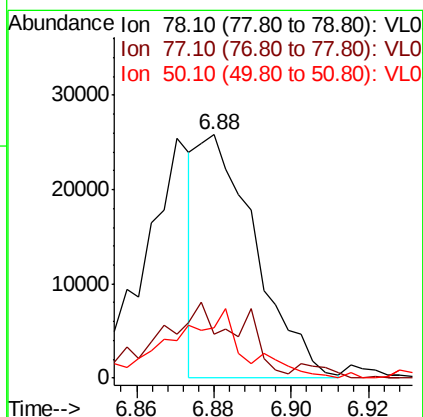
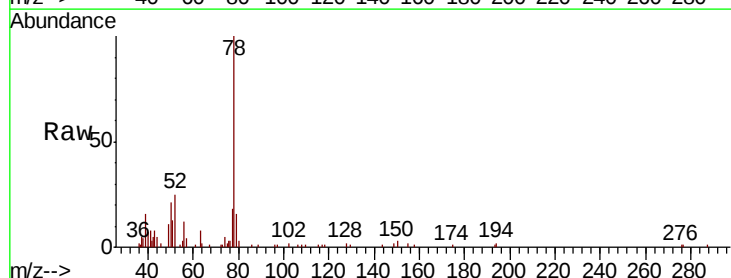
Instrument :  
MSVOA\_L  
ClientSampleId :

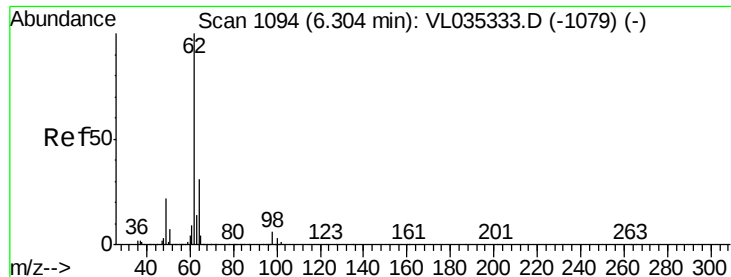
Tot Ion: 43 Resp: 164066  
Ion Ratio Lower Upper  
43 100  
72 23.0 18.9 28.3



#36  
Benzene  
Concen: 0.125 ppbv  
RT: 6.88 min Scan# 1273  
Delta R.T. -0.01 min  
Lab File: VL035347.D  
Acq: 6 Aug 2020 13:03

Tgt Ion: 78 Resp: 26995  
Ion Ratio Lower Upper  
78 100  
77 16.0 19.3 28.9#  
50 21.2 16.3 24.5





#37

1,2-Dichloroethane

Concen: 0.101 ppbv

RT: 6.29 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VL035347.D

Acq: 6 Aug 2020 13:03

Instrument :

MSVOA\_L

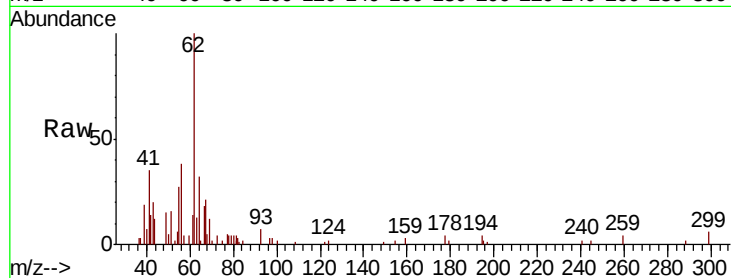
ClientSampleId :

Tot Ion: 62 Resp: 15200

Ion Ratio Lower Upper

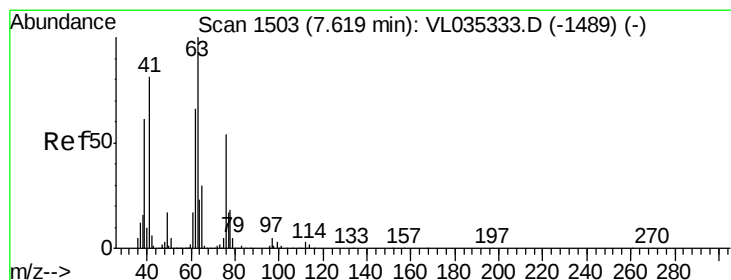
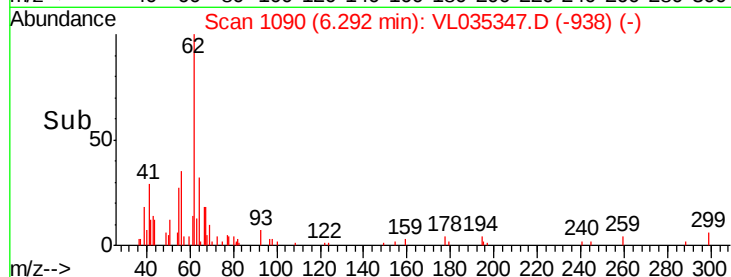
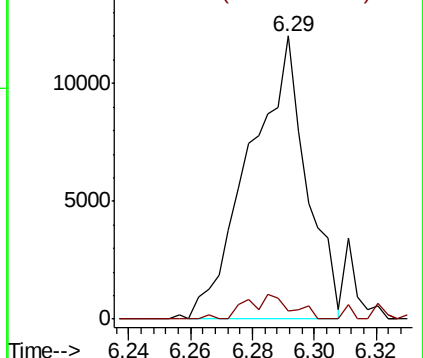
62 100

98 9.2 4.6 7.0#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#39

1,2-Dichloropropane

Concen: 9.669 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.45 min

Lab File: VL035347.D

Acq: 6 Aug 2020 13:03

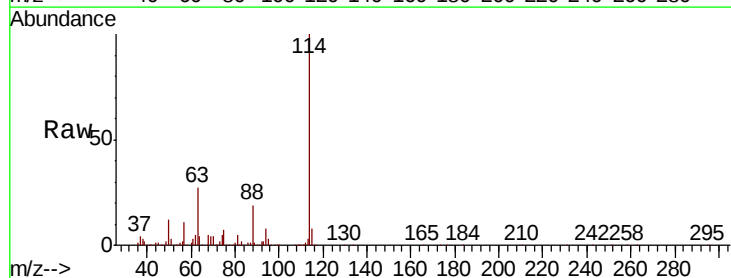
Tgt Ion: 63 Resp: 844185

Ion Ratio Lower Upper

63 100

41 0.0 64.4 96.6#

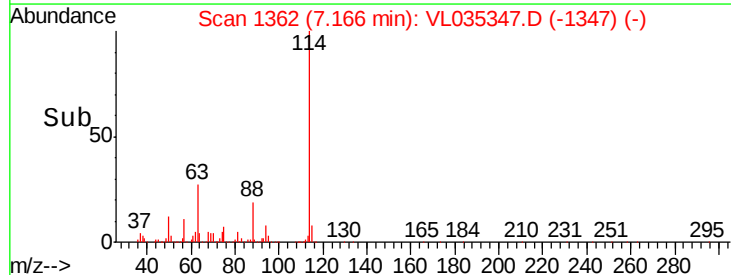
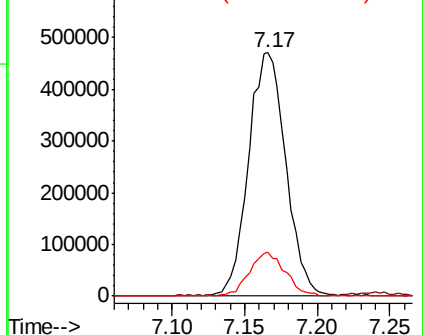
62 18.1 52.6 78.8#

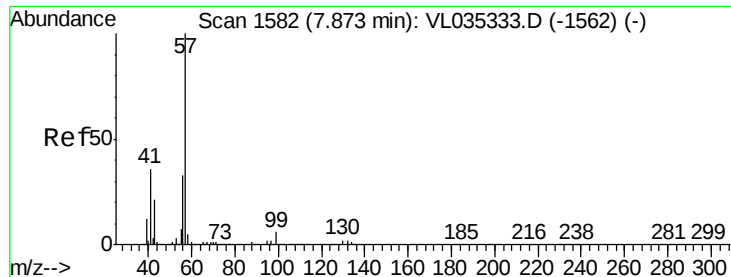


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

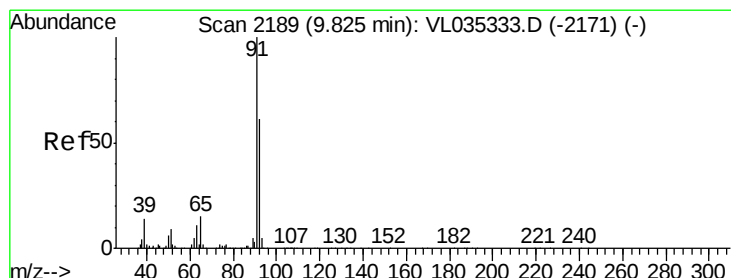
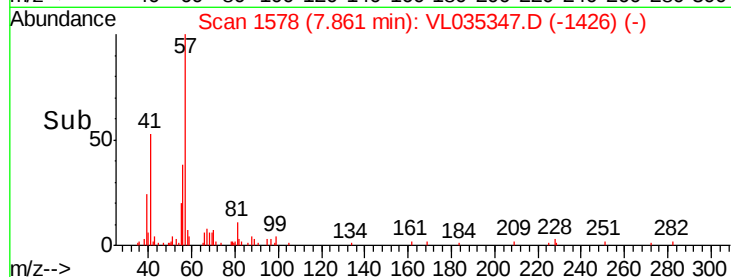
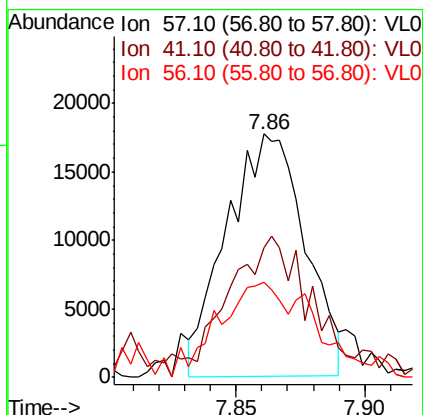
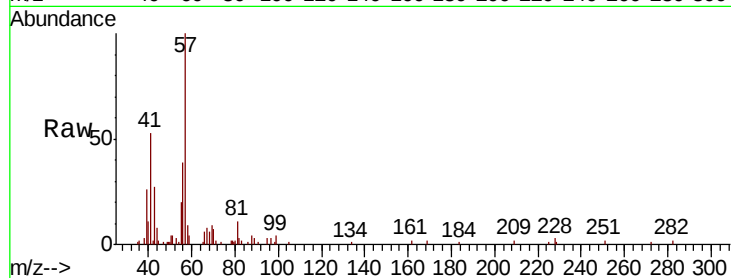




#44  
 2,2,4-Trimethylpentane  
 Concen: 0.098 ppbv  
 RT: 7.86 min Scan# 1578  
 Delta R.T. -0.01 min  
 Lab File: VL035347.D  
 Acq: 6 Aug 2020 13:03

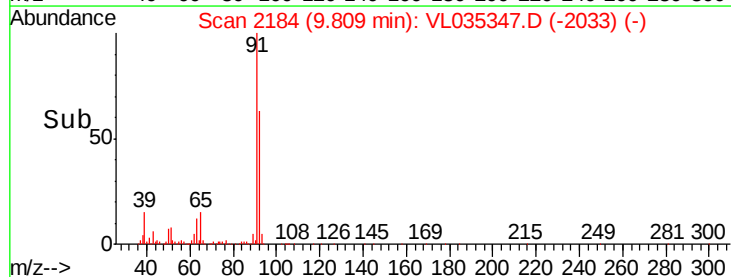
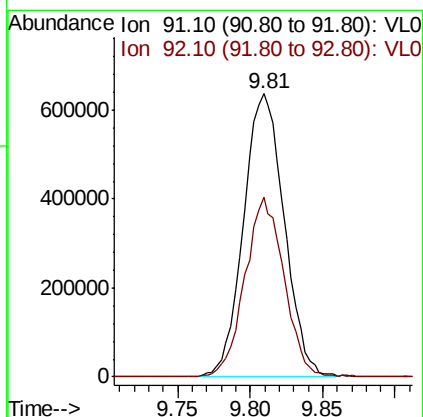
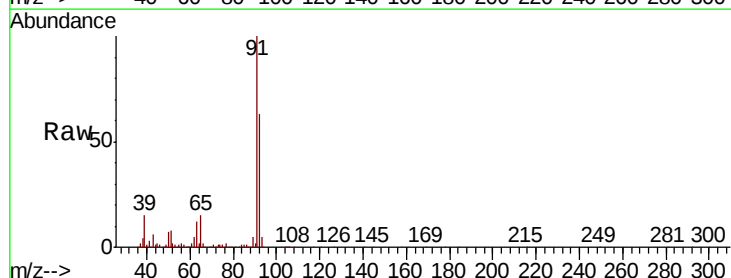
Instrument :  
 MSVOA\_L  
 ClientSampleID :

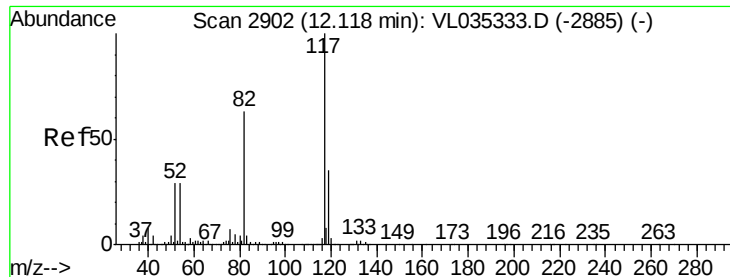
Tot Ion: 57 Resp: 37413  
 Ion Ratio Lower Upper  
 57 100  
 41 63.8 27.9 41.9#  
 56 50.1 25.4 38.0#



#53  
 Toluene  
 Concen: 5.313 ppbv  
 RT: 9.81 min Scan# 2184  
 Delta R.T. -0.02 min  
 Lab File: VL035347.D  
 Acq: 6 Aug 2020 13:03

Tgt Ion: 91 Resp: 1246544  
 Ion Ratio Lower Upper  
 91 100  
 92 60.8 48.5 72.7

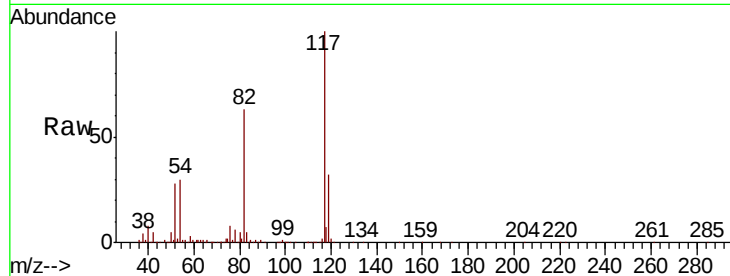




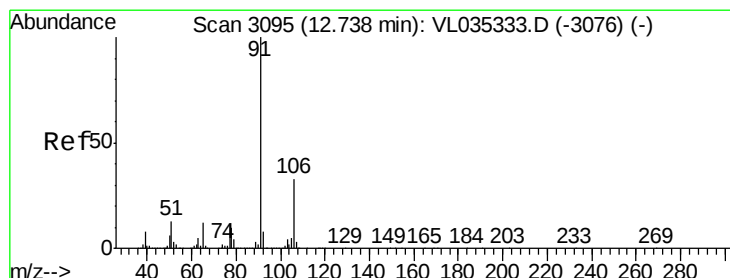
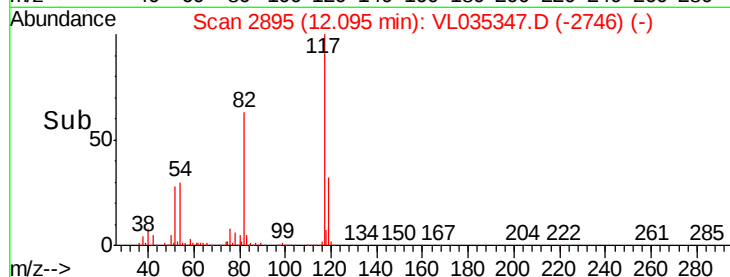
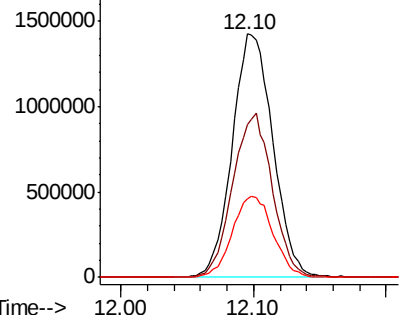
#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 12.10 min Scan# 2895  
Delta R.T. -0.02 min  
Lab File: VL035347.D  
Acq: 6 Aug 2020 13:03

Instrument :  
MSVOA\_L  
ClientSampleId :

Tot Ion:117 Resp: 3033131  
Ion Ratio Lower Upper  
117 100  
82 66.0 51.0 76.4  
119 33.4 24.7 37.1

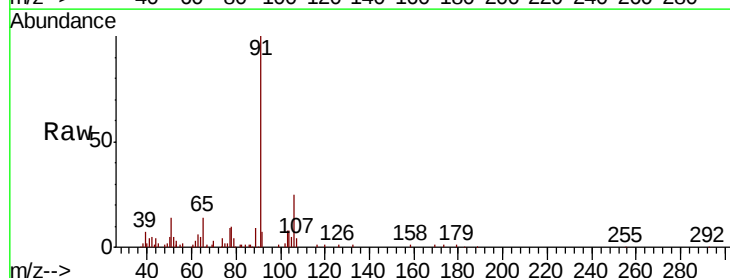


Abundance Ion 117.10 (116.80 to 117.80): V  
Ion 82.10 (81.80 to 82.80): VL0  
Ion 119.10 (118.80 to 119.80): V

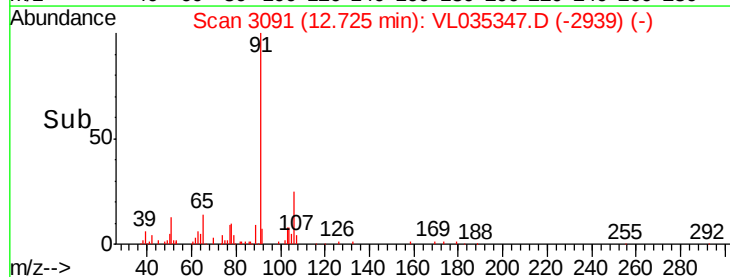
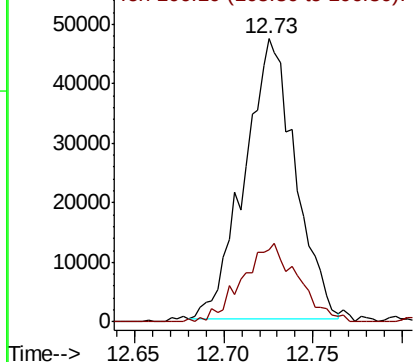


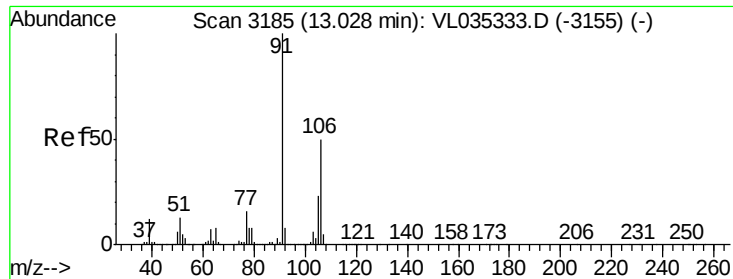
#58  
Ethyl Benzene  
Concen: 0.298 ppbv  
RT: 12.73 min Scan# 3091  
Delta R.T. -0.01 min  
Lab File: VL035347.D  
Acq: 6 Aug 2020 13:03

Tgt Ion: 91 Resp: 94030  
Ion Ratio Lower Upper  
91 100  
106 24.5 26.8 40.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0  
Ion 106.10 (105.80 to 106.80): V

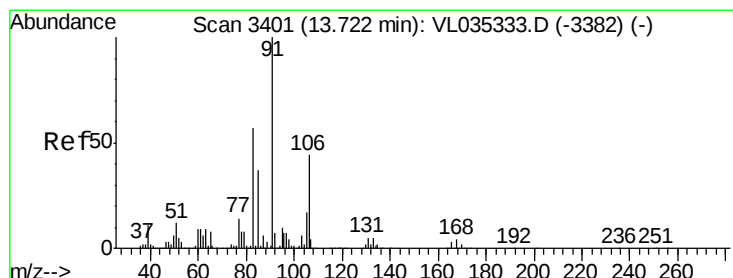
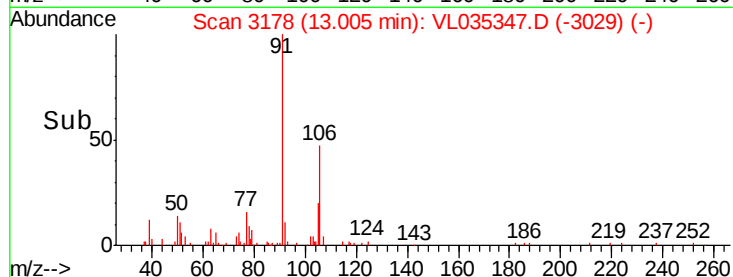
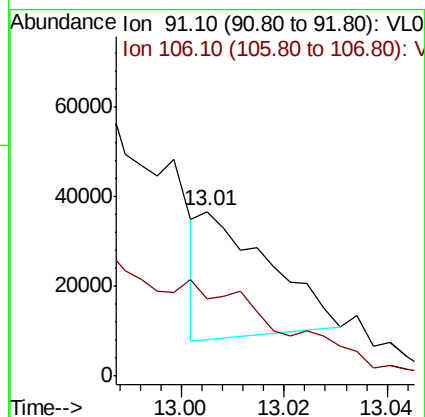
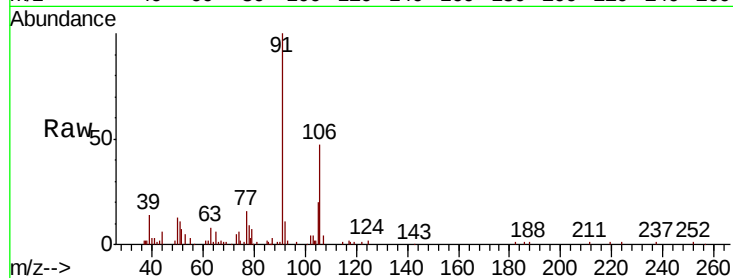




#59  
m/p-Xylene  
Concen: 0.088 ppbv  
RT: 13.01 min Scan# 3178  
Delta R.T. -0.02 min  
Lab File: VL035347.D  
Acq: 6 Aug 2020 13:03

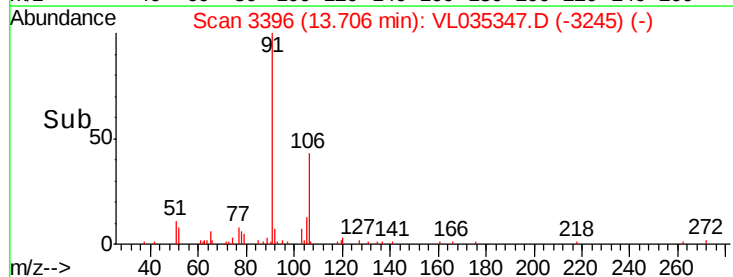
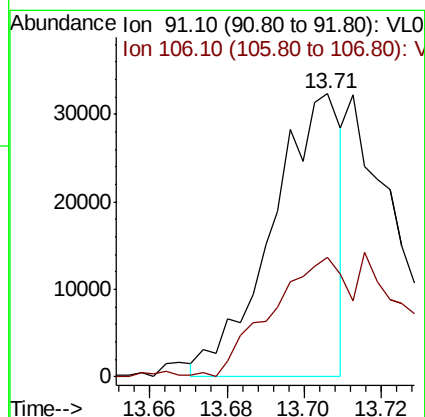
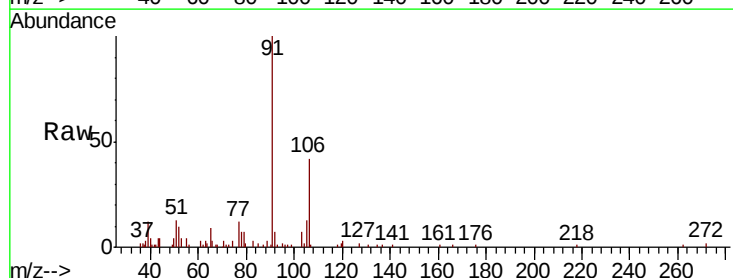
Instrument :  
MSVOA\_L  
ClientSampled :

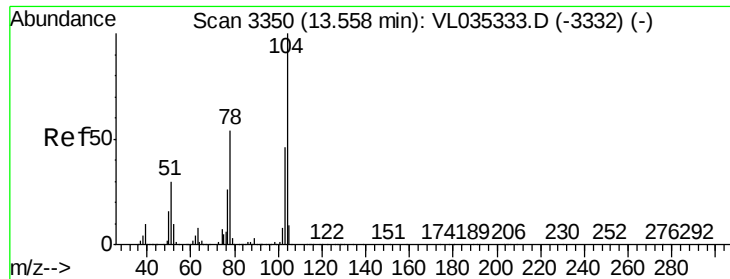
Tot Ion: 91 Resp: 25902  
Ion Ratio Lower Upper  
91 100  
106 0.0 37.8 56.8#



#60  
o-Xylene  
Concen: 0.137 ppbv  
RT: 13.71 min Scan# 3396  
Delta R.T. -0.02 min  
Lab File: VL035347.D  
Acq: 6 Aug 2020 13:03

Tgt Ion: 91 Resp: 39984  
Ion Ratio Lower Upper  
91 100  
106 0.0 22.7 68.0#





#61

Stvrene

Concen: 0.100 ppbv

RT: 13.55 min Scan# 3346

Delta R.T. -0.01 min

Lab File: VL035347.D

Acq: 6 Aug 2020 13:03

Instrument :

MSVOA\_L

ClientSampled :

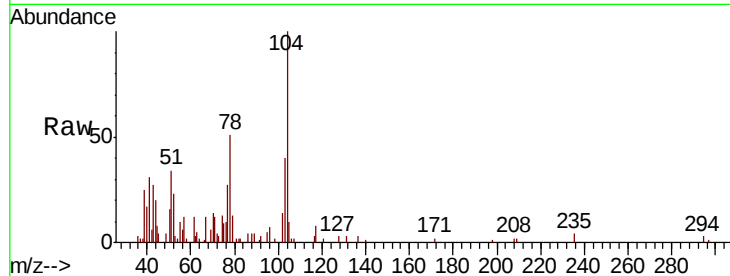
Tot Ion:104 Resp: 17812

Ion Ratio Lower Upper

104 100

78 108.4 42.6 63.8#

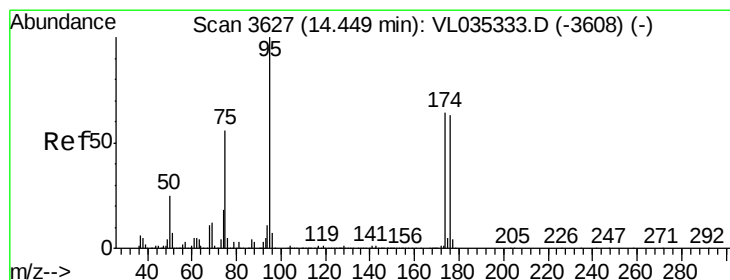
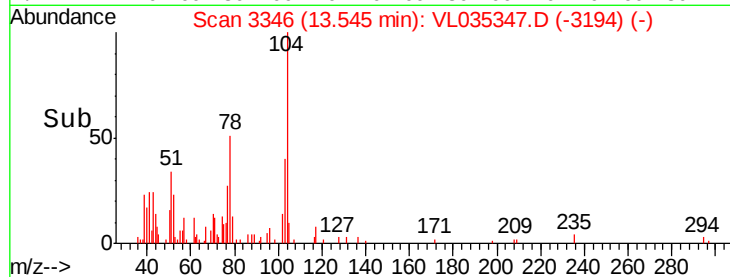
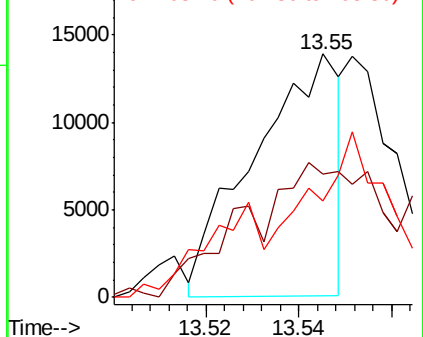
103 0.0 38.1 57.1#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.150 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. -0.02 min

Lab File: VL035347.D

Acq: 6 Aug 2020 13:03

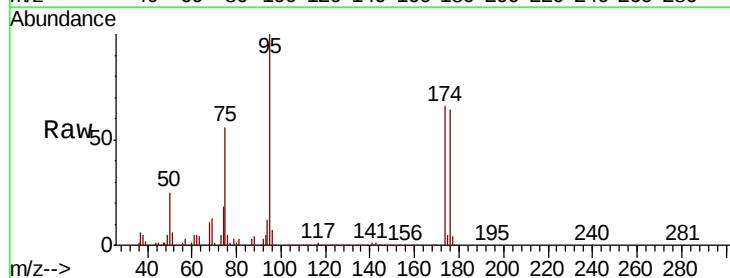
Tgt Ion: 95 Resp: 2567397

Ion Ratio Lower Upper

95 100

174 67.5 53.5 80.3

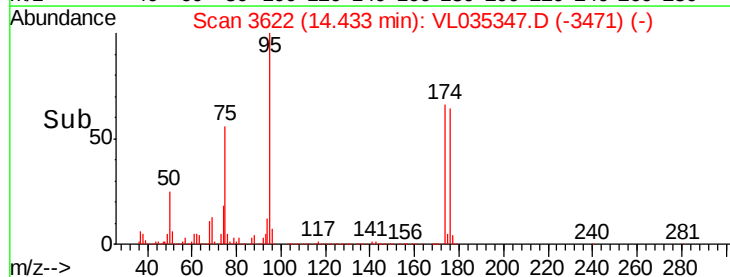
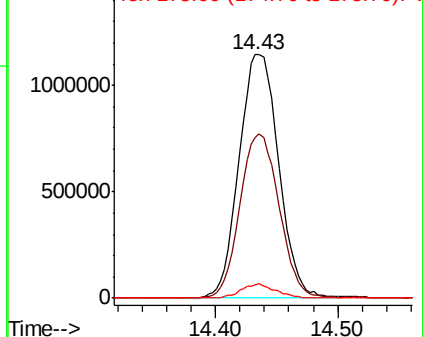
175 5.1 4.2 6.2

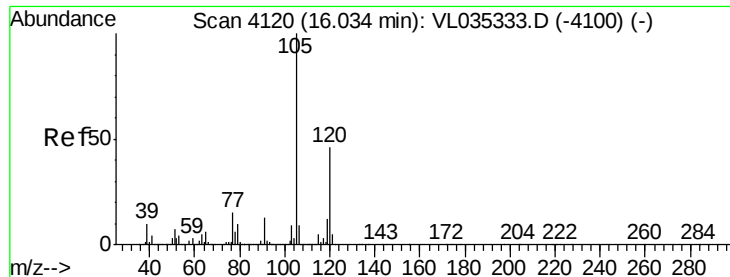


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#73

1,3,5-Trimethylbenzene

Concen: 0.034 ppbv

RT: 16.02 min Scan# 4115

Delta R.T. -0.02 min

Lab File: VL035347.D

Acq: 6 Aug 2020 13:03

Instrument :

MSVOA\_L

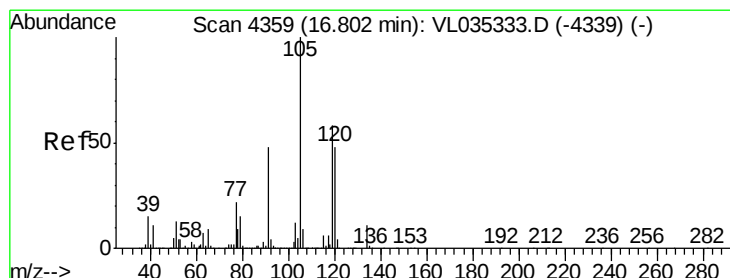
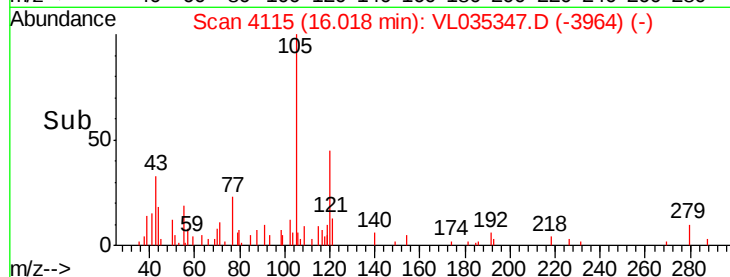
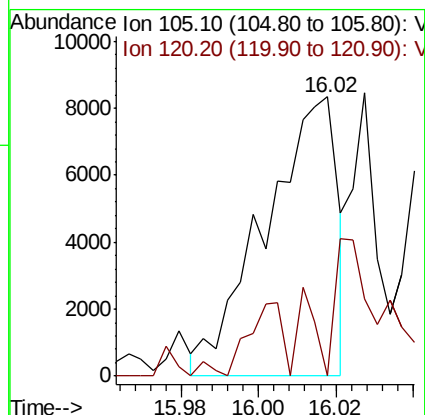
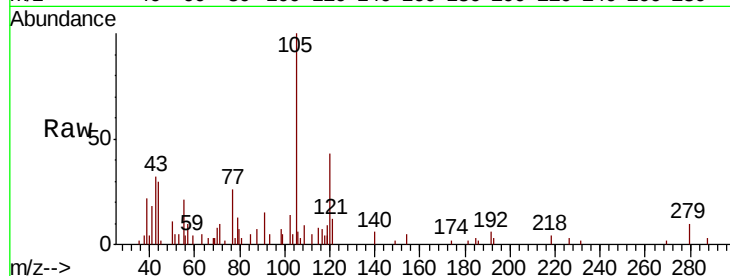
ClientSampleId :

Tot Ion:105 Resp: 10852

Ion Ratio Lower Upper

105 100

120 0.0 36.9 55.3#



#74

1,2,4-Trimethylbenzene

Concen: 0.046 ppbv

RT: 16.77 min Scan# 4349

Delta R.T. -0.03 min

Lab File: VL035347.D

Acq: 6 Aug 2020 13:03

Tgt Ion:105 Resp: 16768

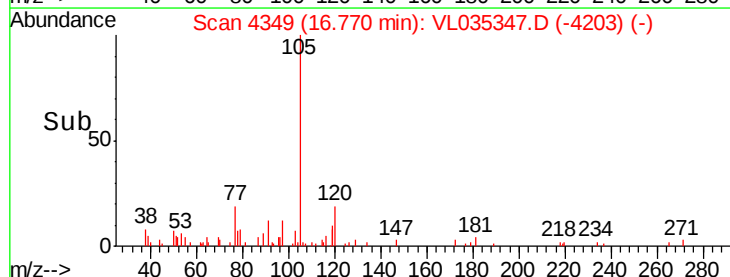
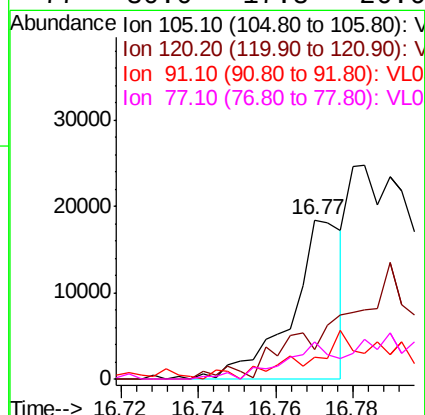
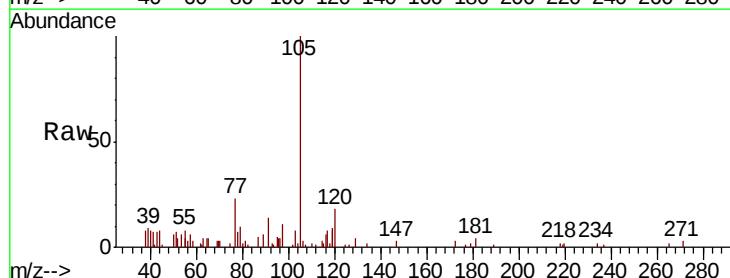
Ion Ratio Lower Upper

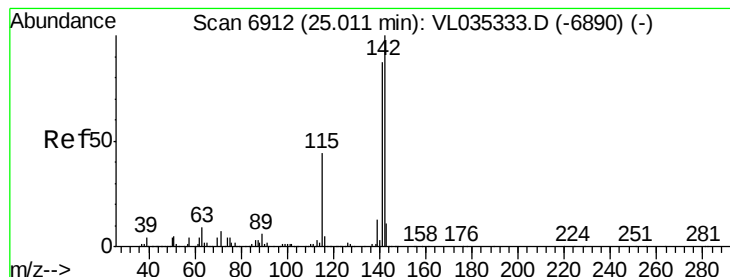
105 100

120 18.5 38.5 57.7#

91 12.2 39.0 58.6#

77 30.0 17.8 26.6#

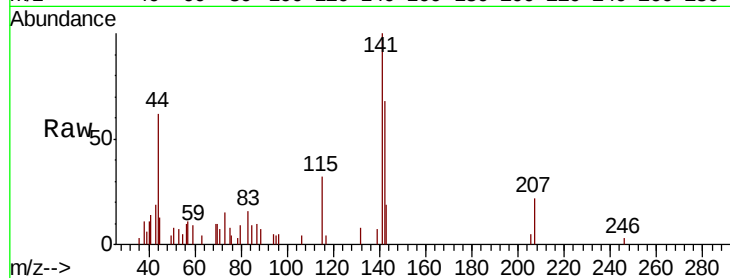




#80  
 Naphthalene, 2-methyl-  
 Concen: 0.090 ppbv  
 RT: 25.00 min Scan# 6910  
 Delta R.T. -0.01 min  
 Lab File: VL035347.D  
 Acq: 6 Aug 2020 13:03

Instrument :  
 MSVOA\_L  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 142     | 100   |       |        |
| 141     | 106.6 | 69.0  | 103.6# |
| 115     | 53.4  | 35.5  | 53.3#  |



Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

