

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073021\  
 Data File : VL037305.D  
 Acq On : 31 Jul 2021 5:59  
 Operator : SY/AP  
 Sample : M3121-04  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :

Quant Time: Jul 31 06:57:40 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073021AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Jul 30 23:19:30 2021  
 QLast Update : Fri Jul 30 23:19:30 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.66  | 49   | 1125520  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.17  | 114  | 3514361  | 10.00 | ppbv  | -0.01    |
| 55) Chlorobenzene-d5    | 12.08 | 117  | 3086118  | 10.00 | ppbv  | -0.02    |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.41  | 95    | 2251564  | 10.03    | ppbv | -0.02   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 100.30% |

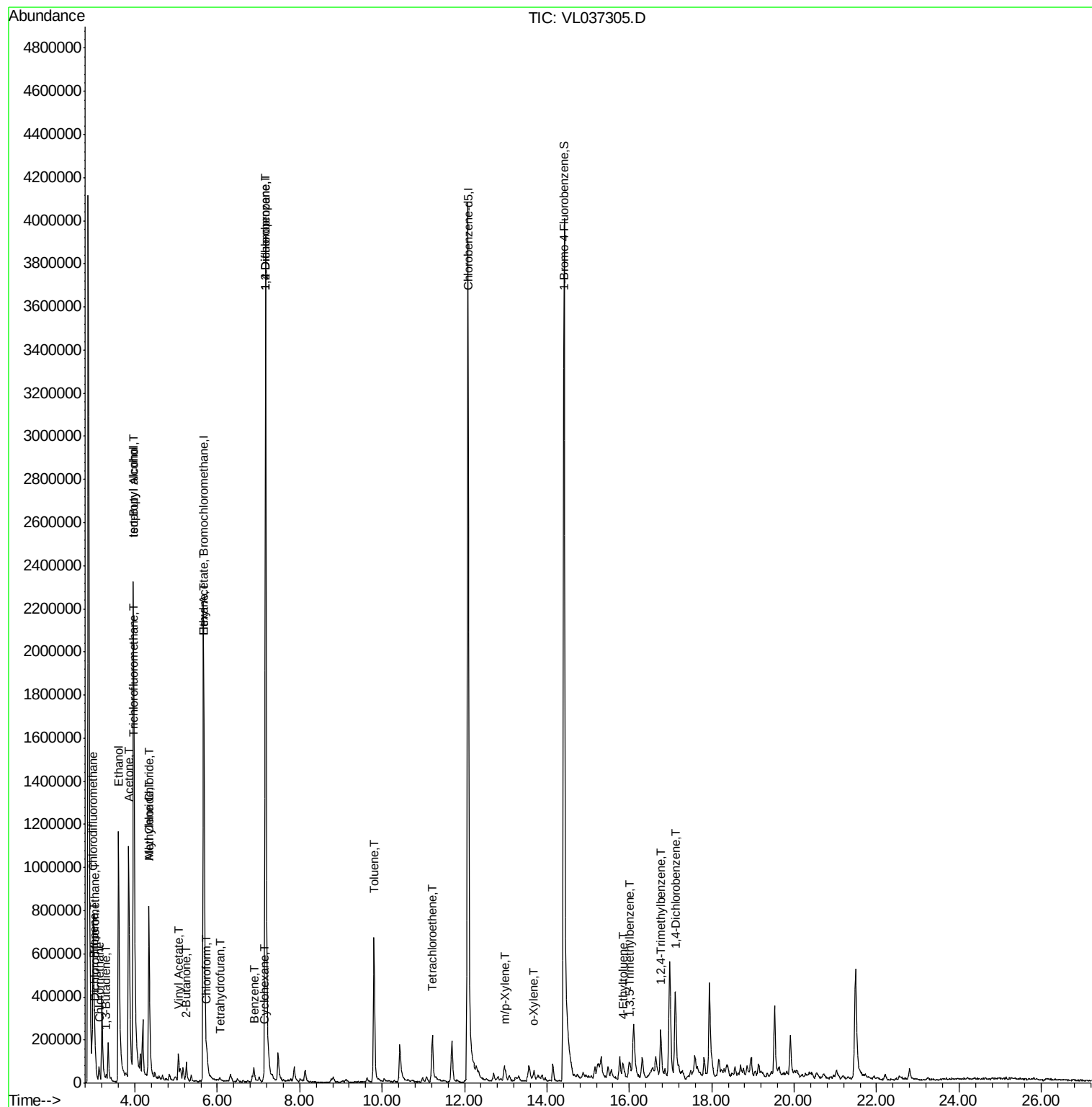
| Target Compounds           |       |     |         |        | Ovalue    |
|----------------------------|-------|-----|---------|--------|-----------|
| 2) Dichlorodifluoromethane | 3.04  | 85  | 56096   | 0.346  | ppbv 100  |
| 3) Chlorodifluoromethane   | 2.98  | 51  | 1009957 | 4.478  | ppbv 96   |
| 4) Chloromethane           | 3.14  | 50  | 38714   | 0.492  | ppbv 92   |
| 9) Propene                 | 3.01  | 41  | 31789   | 0.419  | ppbv # 16 |
| 11) Trichlorofluoromethane | 3.94  | 101 | 51527   | 0.256  | ppbv 89   |
| 13) Ethanol                | 3.60  | 45  | 1588057 | 95.235 | ppbv 96   |
| 15) Acetone                | 3.85  | 43  | 1506447 | 7.431  | ppbv 95   |
| 16) 1,3-Butadiene          | 3.30  | 39  | 5870    | 0.077  | ppbv # 46 |
| 17) tert-Butyl alcohol     | 3.96  | 59  | 110784  | 0.859  | ppbv 96   |
| 19) Isopropyl Alcohol      | 3.97  | 45  | 3299306 | 42.065 | ppbv # 98 |
| 20) Methylene Chloride     | 4.34  | 84  | 358435  | 4.569  | ppbv 94   |
| 21) Allyl Chloride         | 4.34  | 41  | 5521    | 0.061  | ppbv # 20 |
| 23) Vinyl Acetate          | 5.06  | 43  | 68987   | 0.403  | ppbv # 56 |
| 25) Ethyl Acetate          | 5.68  | 43  | 156668  | 0.533  | ppbv # 92 |
| 26) Hexane                 | 5.68  | 57  | 86940   | 0.553  | ppbv # 65 |
| 29) Chloroform             | 5.75  | 83  | 45709   | 0.203  | ppbv 93   |
| 30) Cyclohexane            | 7.12  | 84  | 4010    | 0.033  | ppbv # 1  |
| 34) 2-Butanone             | 5.25  | 43  | 105427  | 0.699  | ppbv 95   |
| 36) Benzene                | 6.89  | 78  | 47785   | 0.161  | ppbv 98   |
| 39) 1,2-Dichloropropane    | 7.17  | 63  | 788121  | 7.043  | ppbv # 26 |
| 41) Tetrahydrofuran        | 6.05  | 42  | 2631    | 0.043  | ppbv # 34 |
| 52) Tetrachloroethene      | 11.21 | 164 | 21977   | 0.168  | ppbv 87   |
| 53) Toluene                | 9.80  | 91  | 566205  | 1.619  | ppbv 100  |
| 59) m/p-Xylene             | 13.00 | 91  | 15305   | 0.042  | ppbv # 30 |
| 60) o-Xylene               | 13.69 | 91  | 18348   | 0.053  | ppbv # 48 |
| 72) 4-Ethyltoluene         | 15.83 | 105 | 19788   | 0.048  | ppbv # 51 |
| 73) 1,3,5-Trimethylbenzene | 15.99 | 105 | 24231   | 0.063  | ppbv 86   |
| 74) 1,2,4-Trimethylbenzene | 16.76 | 105 | 143204  | 0.340  | ppbv # 68 |
| 76) 1,4-Dichlorobenzene    | 17.13 | 146 | 21329   | 0.082  | ppbv # 1  |

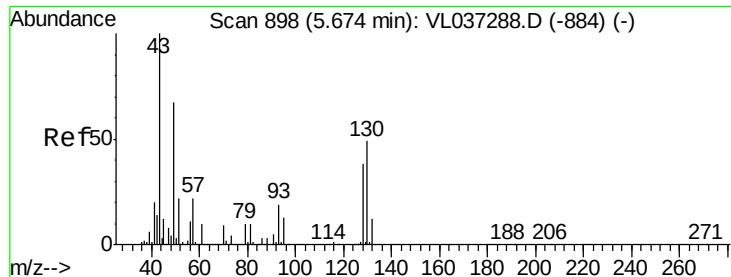
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_L  
ClientSampled :

Quant Time: Jul 31 06:57:40 2021  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073021AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Jul 30 23:19:30 2021  
QLast Update : Fri Jul 30 23:19:30 2021  
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL037305.D

Acq: 31 Jul 2021 5:59

Instrument :  
MSVOA\_L  
ClientSampleId :

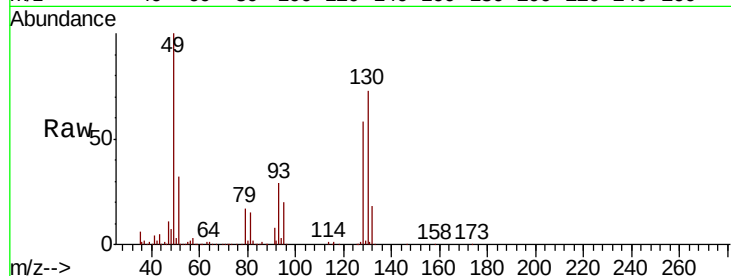
Tot Ion: 49 Resp: 1125520

Ion Ratio Lower Upper

49 100

128 59.6 30.6 92.0

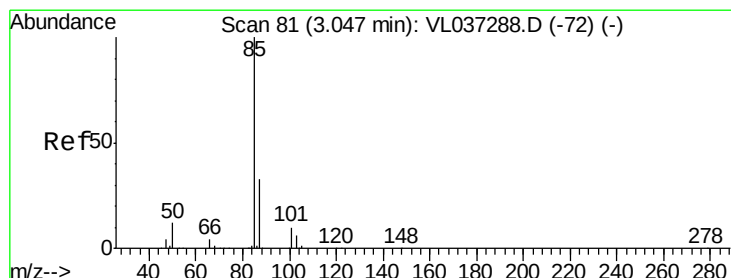
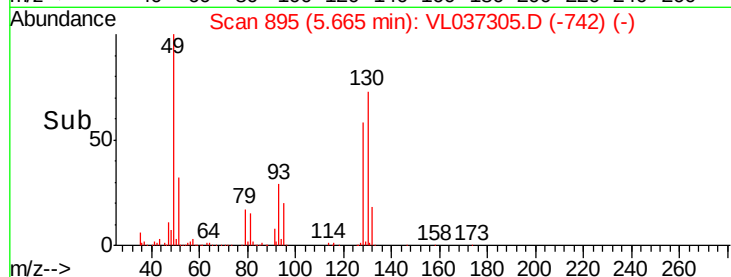
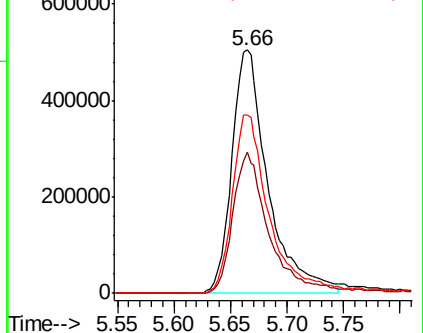
130 77.3 37.8 113.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.346 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.00 min

Lab File: VL037305.D

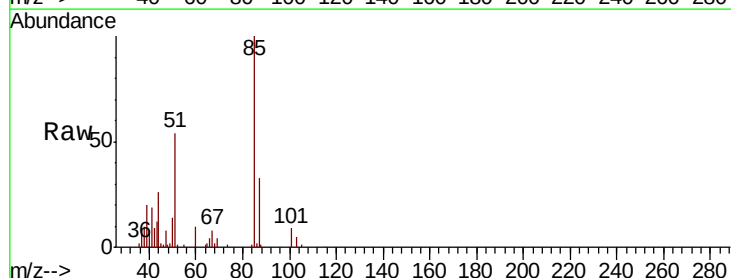
Acq: 31 Jul 2021 5:59

Tgt Ion: 85 Resp: 56096

Ion Ratio Lower Upper

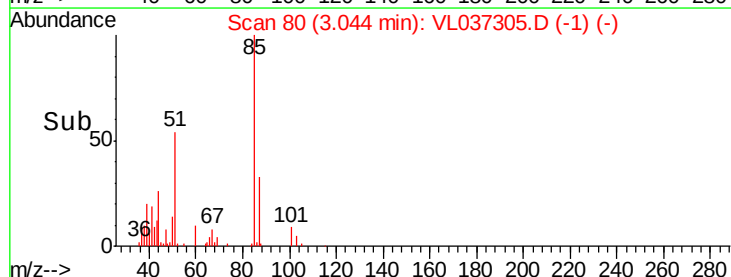
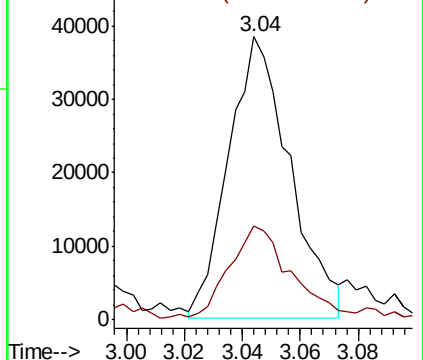
85 100

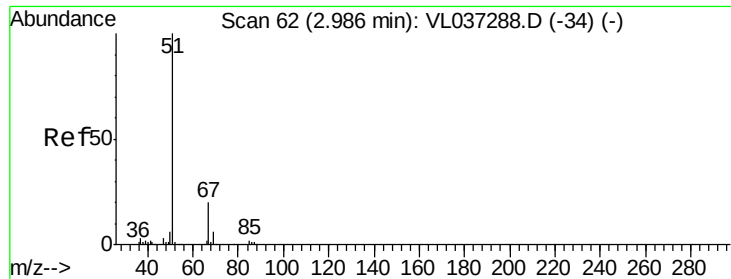
87 33.1 26.6 40.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

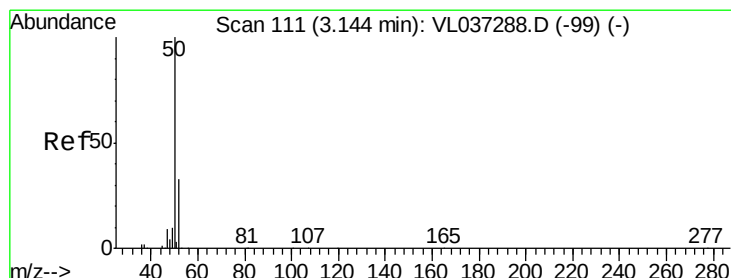
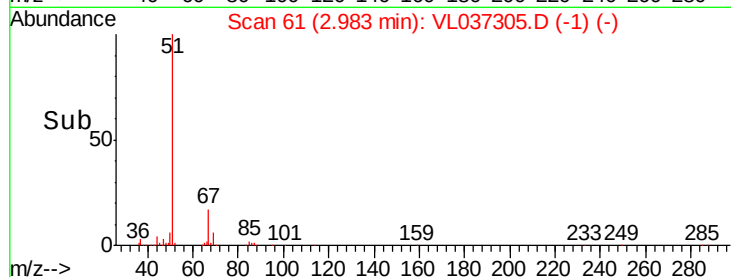
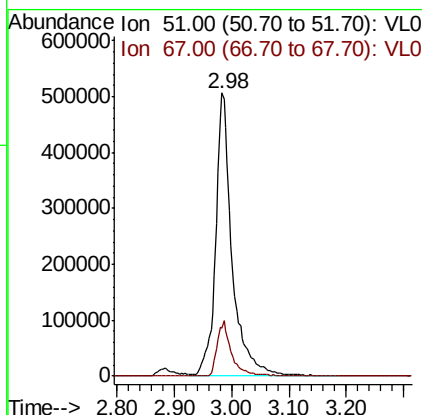
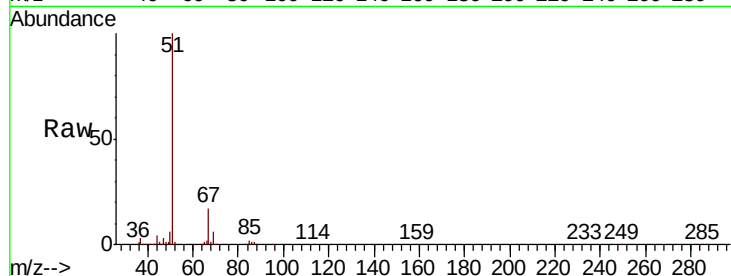




#3  
 Chlorodifluoromethane  
 Concen: 4.478 ppbv  
 RT: 2.98 min Scan# 61  
 Delta R.T. -0.00 min  
 Lab File: VL037305.D  
 Acq: 31 Jul 2021 5:59

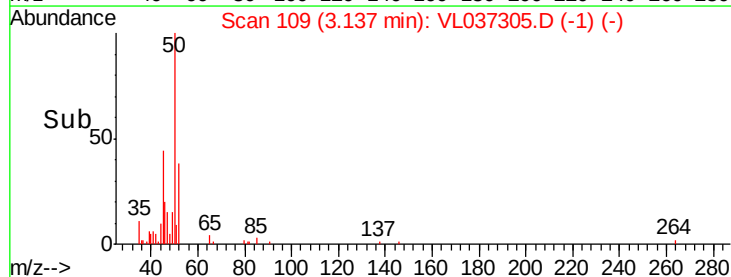
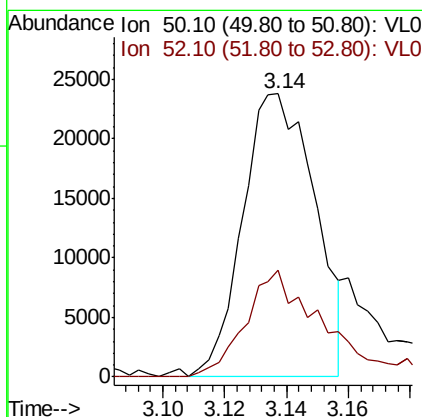
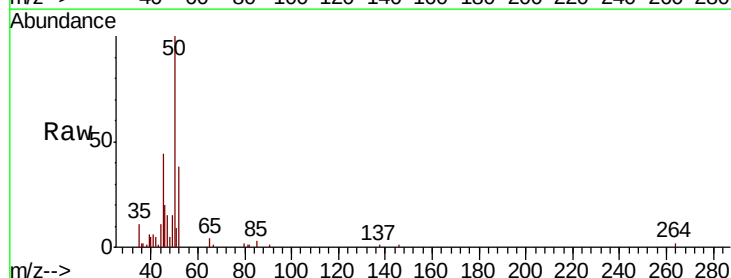
Instrument :  
 MSVOA\_L  
 ClientSampled :

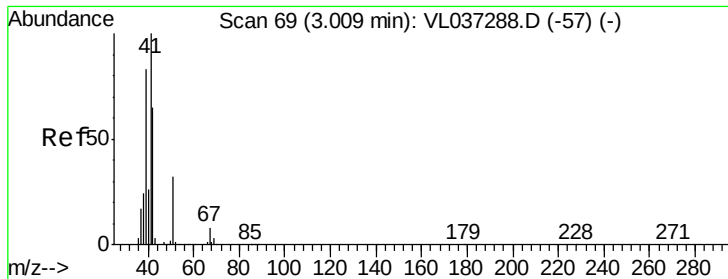
Tot Ion: 51 Resp: 1009957  
 Ion Ratio Lower Upper  
 51 100  
 67 17.1 15.2 22.8



#4  
 Chloromethane  
 Concen: 0.492 ppbv  
 RT: 3.14 min Scan# 109  
 Delta R.T. -0.01 min  
 Lab File: VL037305.D  
 Acq: 31 Jul 2021 5:59

Tgt Ion: 50 Resp: 38714  
 Ion Ratio Lower Upper  
 50 100  
 52 37.5 26.2 39.4





#9

Propene

Concen: 0.419 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.00 min

Lab File: VL037305.D

Acq: 31 Jul 2021 5:59

Instrument :

MSVOA\_L

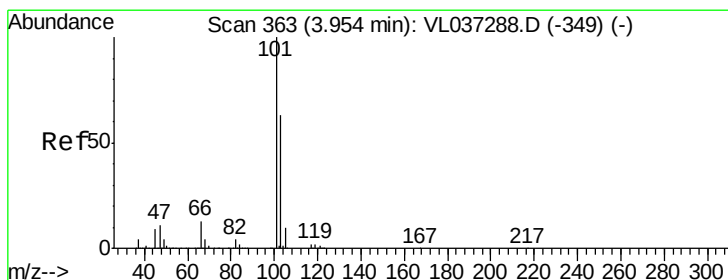
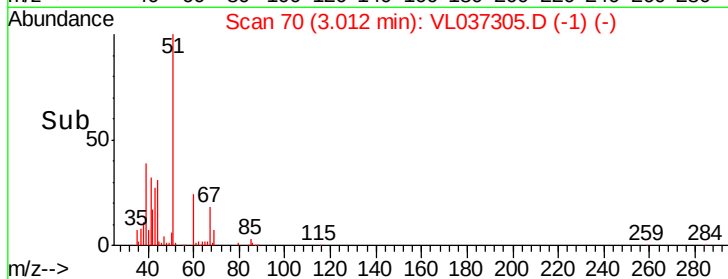
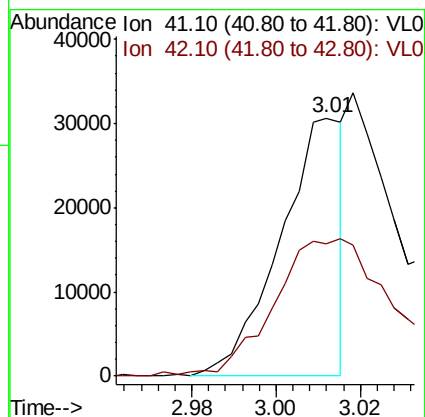
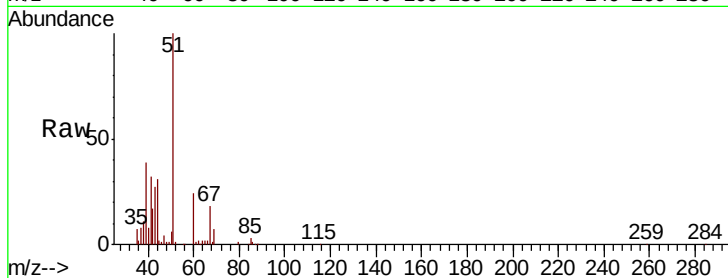
ClientSampleId :

Tot Ion: 41 Resp: 31789

Ion Ratio Lower Upper

41 100

42 0.0 54.0 81.0#



#11

Trichlorofluoromethane

Concen: 0.256 ppbv

RT: 3.94 min Scan# 360

Delta R.T. -0.01 min

Lab File: VL037305.D

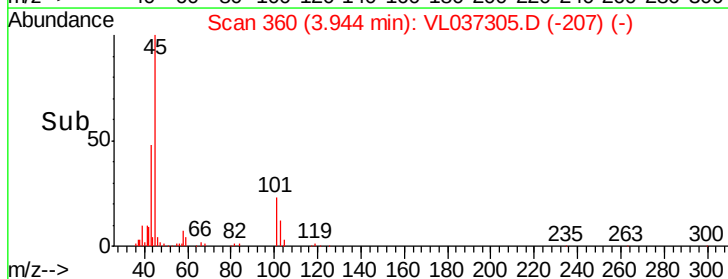
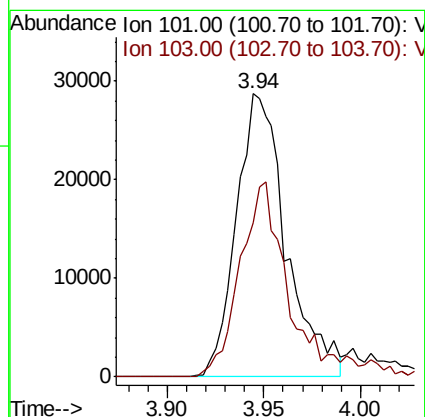
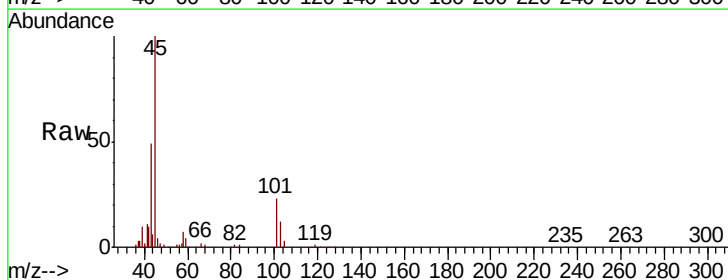
Acq: 31 Jul 2021 5:59

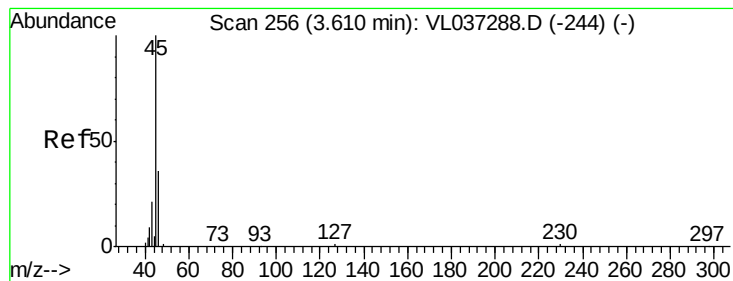
Tgt Ion: 101 Resp: 51527

Ion Ratio Lower Upper

101 100

103 54.5 50.6 75.8





#13

Ethanol

Concen: 95.235 ppbv

RT: 3.60 min Scan# 253

Delta R.T. -0.01 min

Lab File: VL037305.D

Acq: 31 Jul 2021 5:59

Instrument :

MSVOA\_L

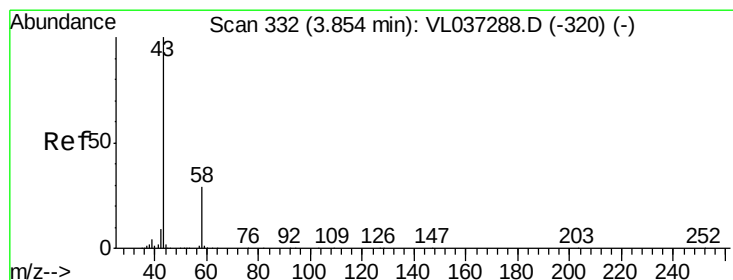
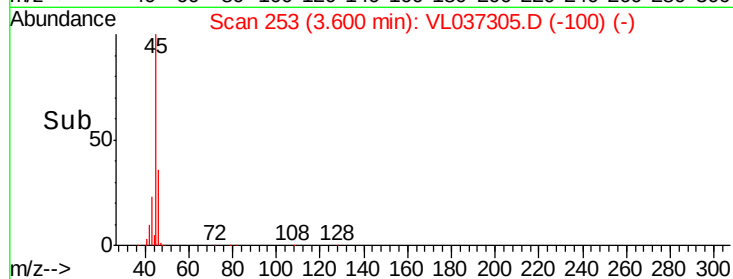
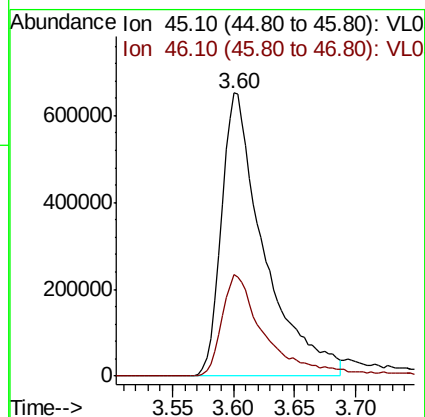
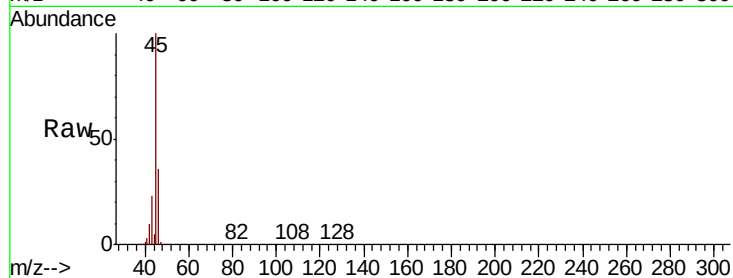
ClientSampleId :

Tot Ion: 45 Resp: 1588057

Ion Ratio Lower Upper

45 100

46 38.2 16.2 64.8



#15

Acetone

Concen: 7.431 ppbv

RT: 3.85 min Scan# 330

Delta R.T. -0.01 min

Lab File: VL037305.D

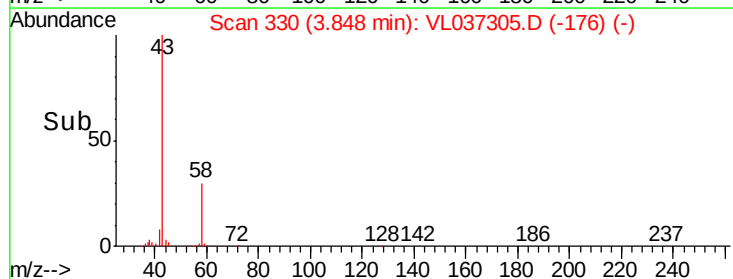
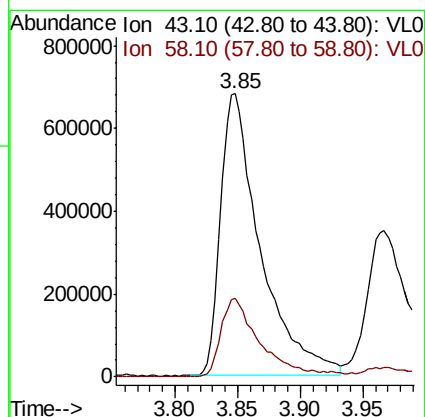
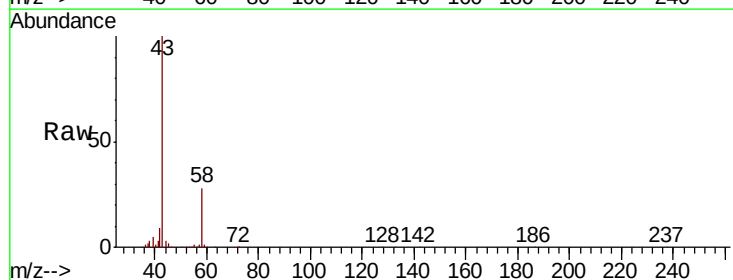
Acq: 31 Jul 2021 5:59

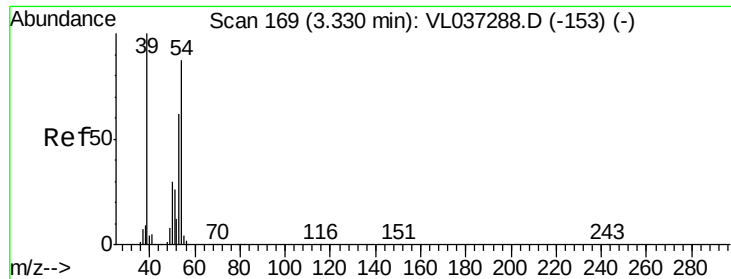
Tgt Ion: 43 Resp: 1506447

Ion Ratio Lower Upper

43 100

58 27.5 24.2 36.4

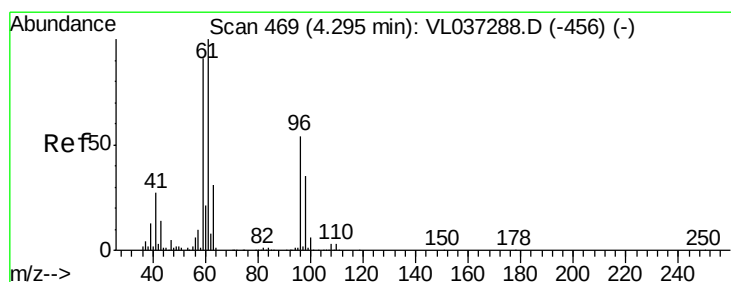
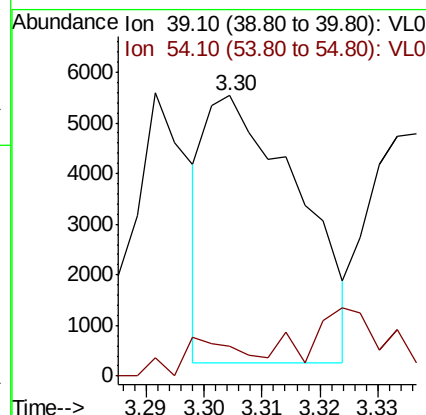
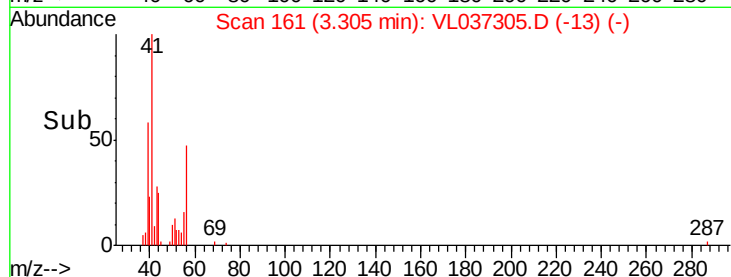
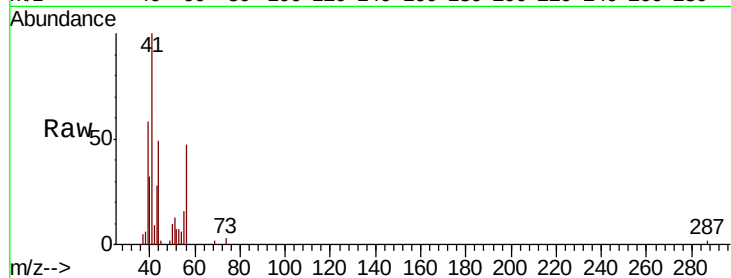




#16  
1,3-Butadiene  
Concen: 0.077 ppbv  
RT: 3.30 min Scan# 161  
Delta R.T. -0.03 min  
Lab File: VL037305.D  
Acq: 31 Jul 2021 5:59

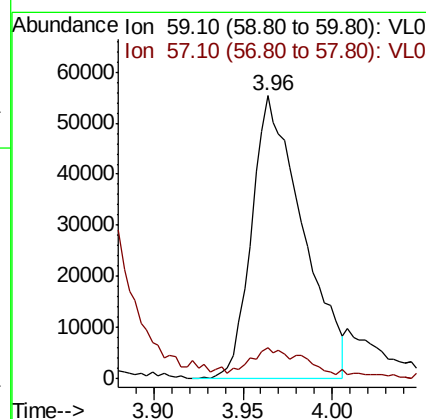
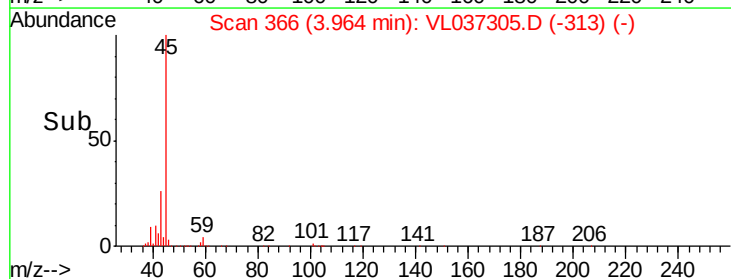
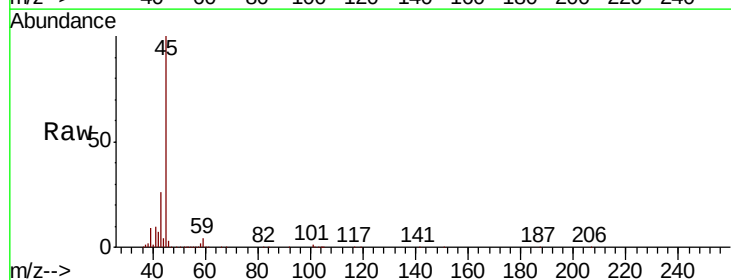
Instrument :  
MSVOA\_L  
ClientSampleId :

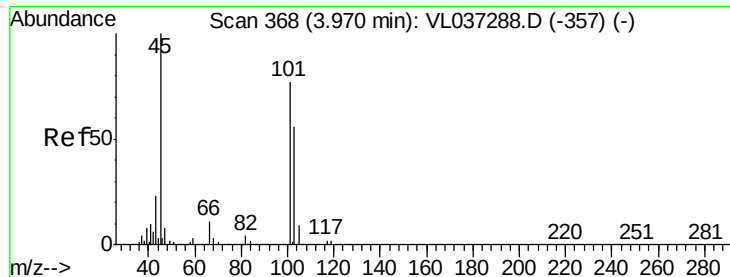
Tot Ion: 39 Resp: 5870  
Ion Ratio Lower Upper  
39 100  
54 31.9 63.9 95.9#



#17  
tert-Butyl alcohol  
Concen: 0.859 ppbv  
RT: 3.96 min Scan# 366  
Delta R.T. -0.33 min  
Lab File: VL037305.D  
Acq: 31 Jul 2021 5:59

Tgt Ion: 59 Resp: 110784  
Ion Ratio Lower Upper  
59 100  
57 12.1 8.6 13.0



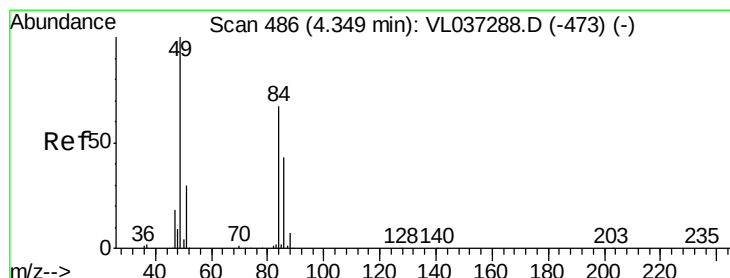
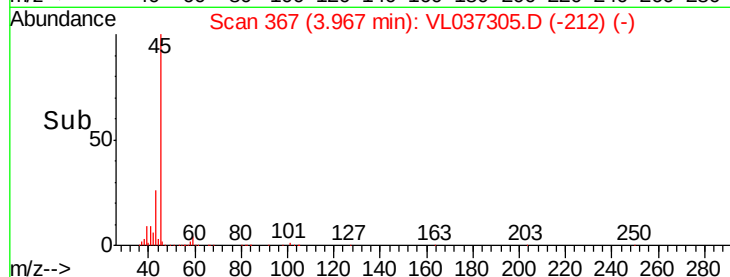
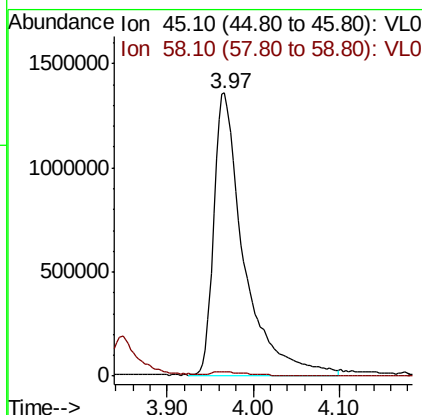
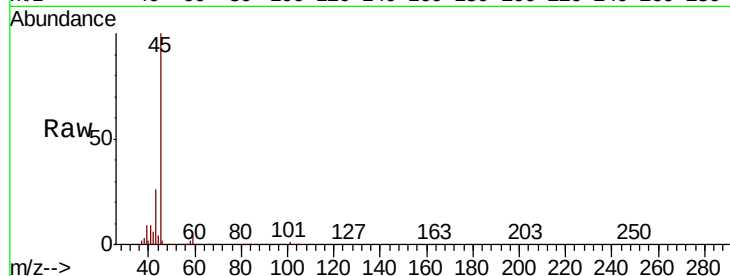


#19

Isopropyl Alcohol  
 Concen: 42.065 ppbv  
 RT: 3.97 min Scan# 367  
 Delta R.T. -0.00 min  
 Lab File: VL037305.D  
 Acq: 31 Jul 2021 5:59

Instrument :  
 MSVOA\_L  
 ClientSampleId :

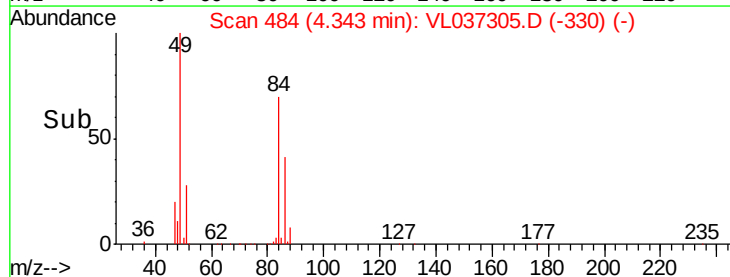
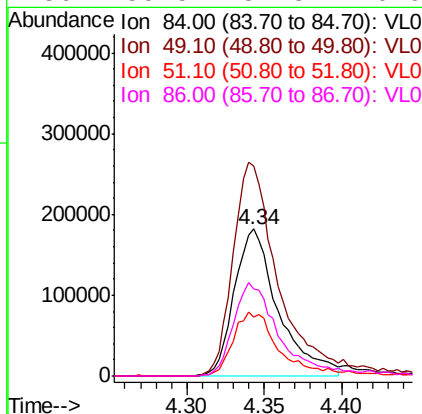
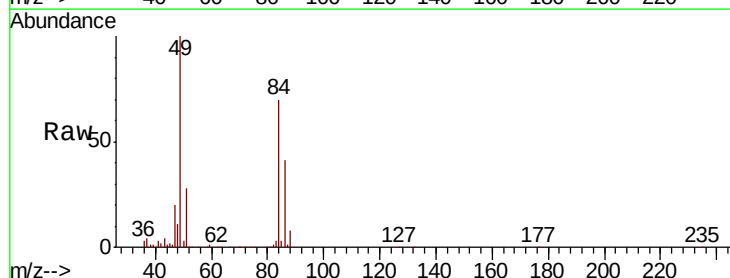
Tot Ion: 45 Resp: 3299306  
 Ion Ratio Lower Upper  
 45 100  
 58 2.0 2.2 3.2#



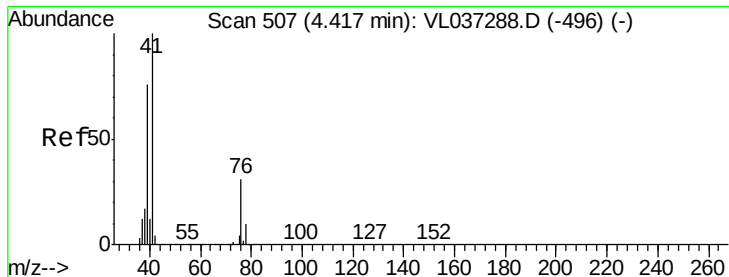
#20

Methylene Chloride  
 Concen: 4.569 ppbv  
 RT: 4.34 min Scan# 484  
 Delta R.T. -0.01 min  
 Lab File: VL037305.D  
 Acq: 31 Jul 2021 5:59

Tgt Ion: 84 Resp: 358435  
 Ion Ratio Lower Upper  
 84 100  
 49 143.5 120.2 180.4  
 51 40.4 36.5 54.7  
 86 59.5 51.3 76.9







#21

Allvl Chloride

Concen: 0.061 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.08 min

Lab File: VL037305.D

Acq: 31 Jul 2021 5:59

Instrument :

MSVOA\_L

ClientSampled :

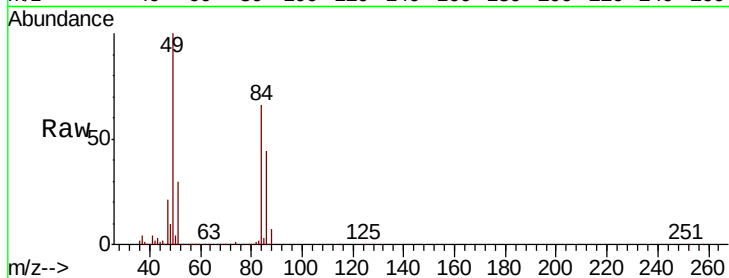
Tot Ion: 41 Resp: 5521

Ion Ratio Lower Upper

41 100

76 2.2 24.7 37.1#

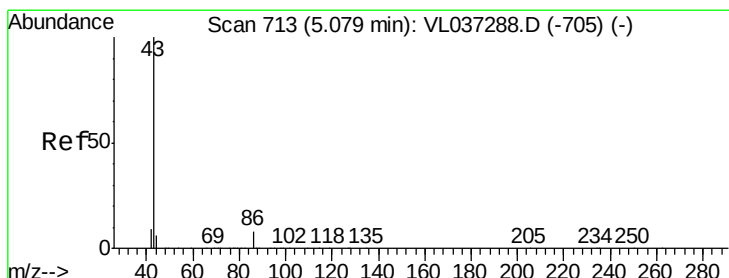
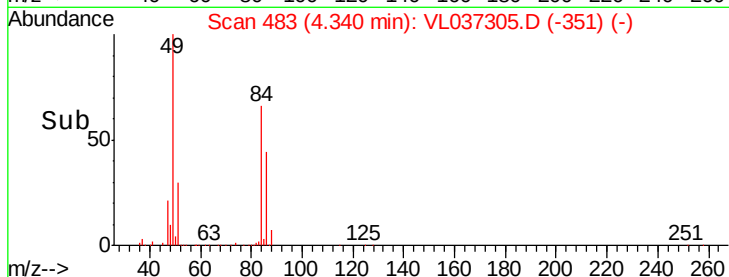
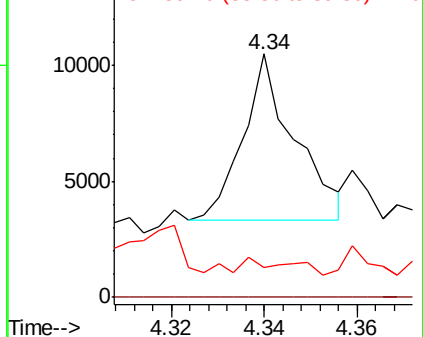
39 0.0 64.5 96.7#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0



#23

Vinyl Acetate

Concen: 0.403 ppbv

RT: 5.06 min Scan# 707

Delta R.T. -0.02 min

Lab File: VL037305.D

Acq: 31 Jul 2021 5:59

Tgt Ion: 43 Resp: 68987

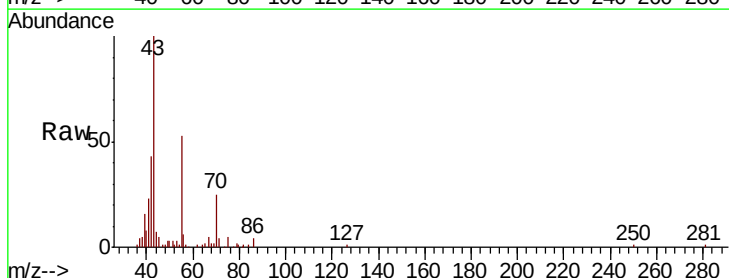
Ion Ratio Lower Upper

43 100

86 3.3 5.7 8.5#

42 40.4 8.1 12.1#

44 0.3 4.1 6.1#

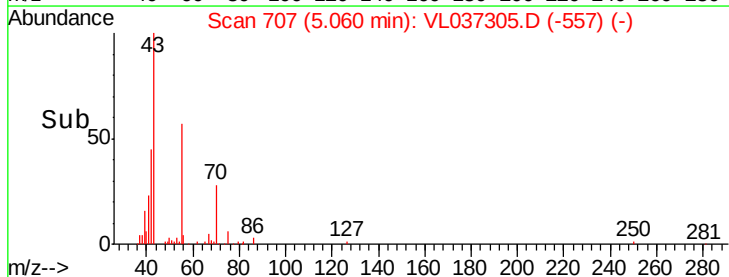
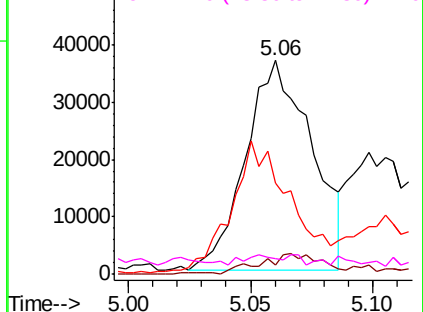


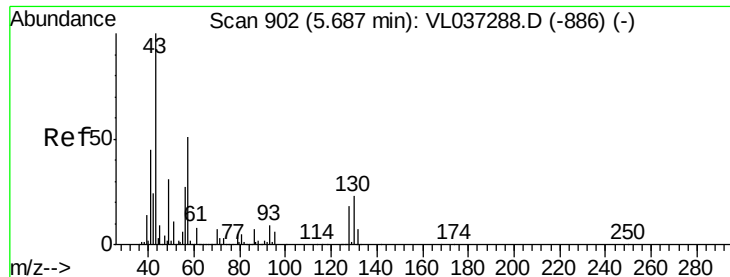
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0

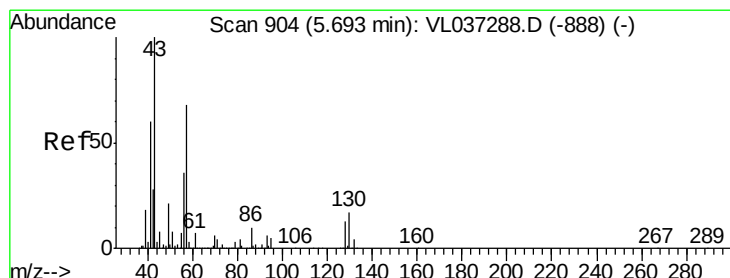
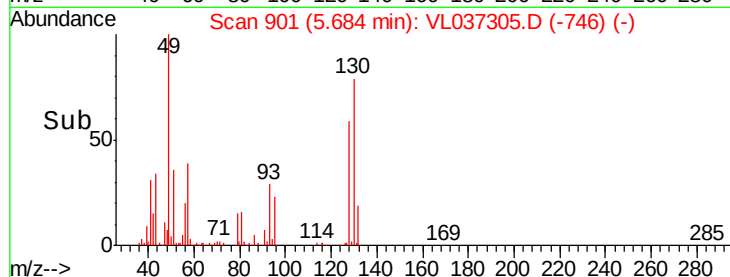
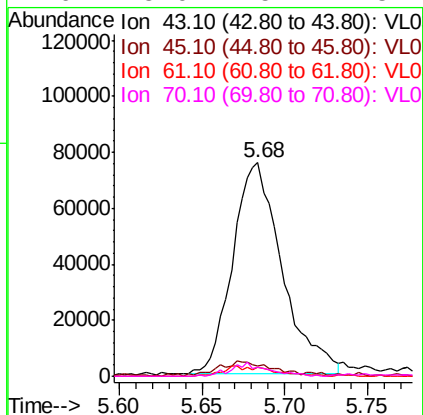
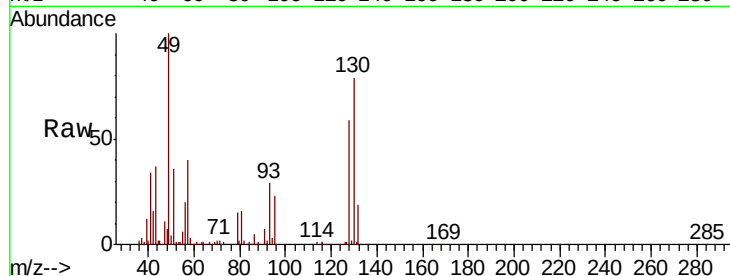




#25  
Ethyl Acetate  
Concen: 0.533 ppbv  
RT: 5.68 min Scan# 901  
Delta R.T. -0.00 min  
Lab File: VL037305.D  
Acq: 31 Jul 2021 5:59

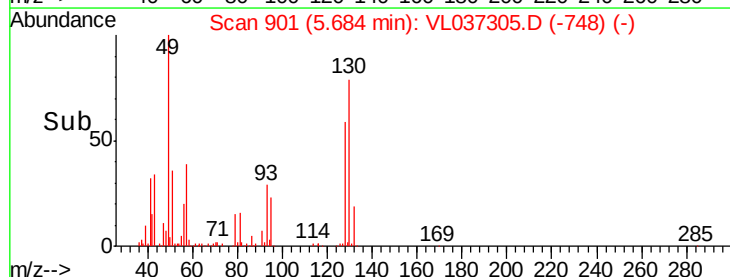
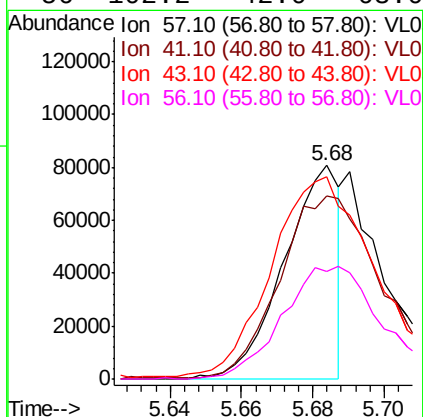
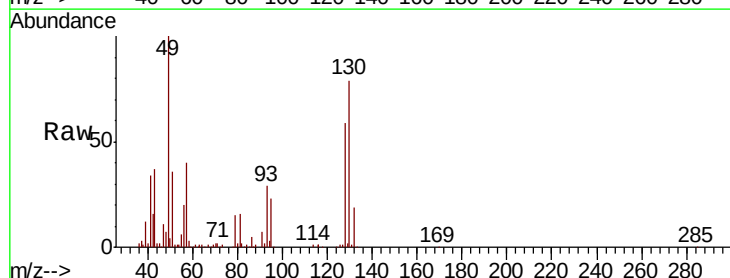
Instrument :  
MSVOA\_L  
ClientSampled :

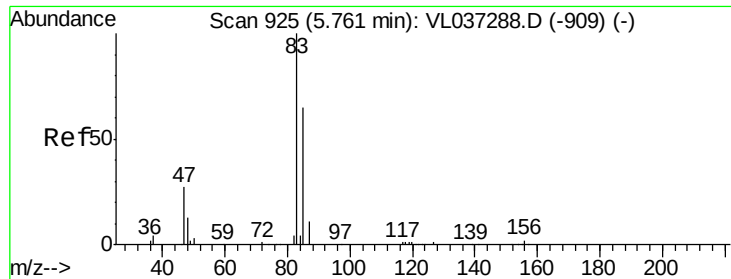
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 156668 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 45       | 8.0   | 7.4   | 11.2   |
| 61       | 4.7   | 7.8   | 11.6#  |
| 70       | 5.0   | 5.4   | 8.2#   |



#26  
Hexane  
Concen: 0.553 ppbv  
RT: 5.68 min Scan# 901  
Delta R.T. -0.01 min  
Lab File: VL037305.D  
Acq: 31 Jul 2021 5:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 57    | Resp: | 86940  |
| Ion      | Ratio | Lower | Upper  |
| 57       | 100   |       |        |
| 41       | 172.1 | 71.0  | 106.6# |
| 43       | 192.2 | 155.0 | 232.4  |
| 56       | 102.2 | 42.0  | 63.0#  |

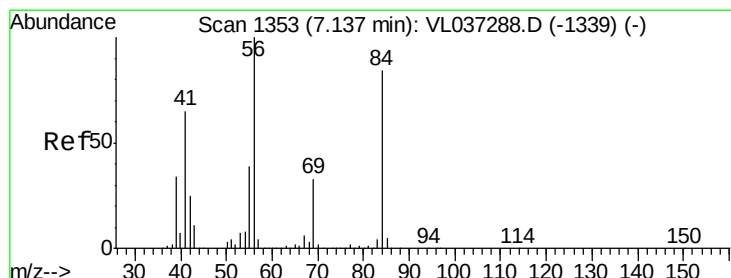
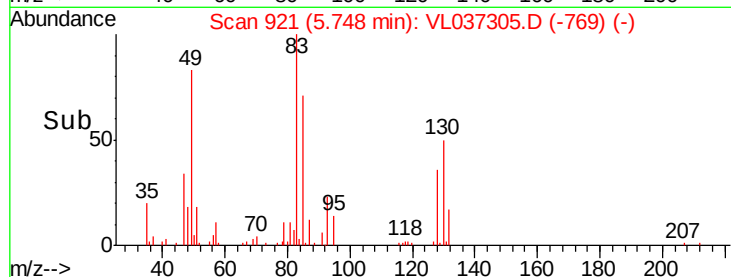
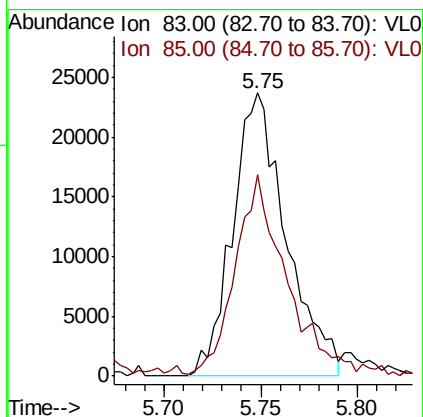
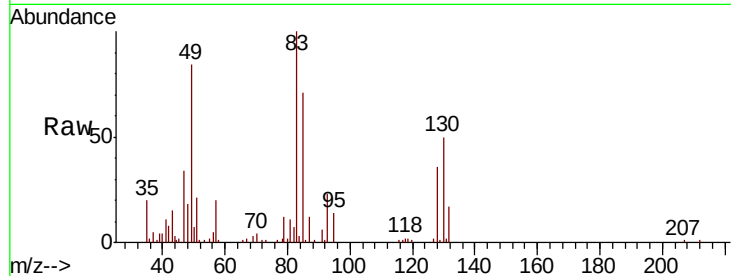




#29  
Chloroform  
Concen: 0.203 ppbv  
RT: 5.75 min Scan# 921  
Delta R.T. -0.01 min  
Lab File: VL037305.D  
Acq: 31 Jul 2021 5:59

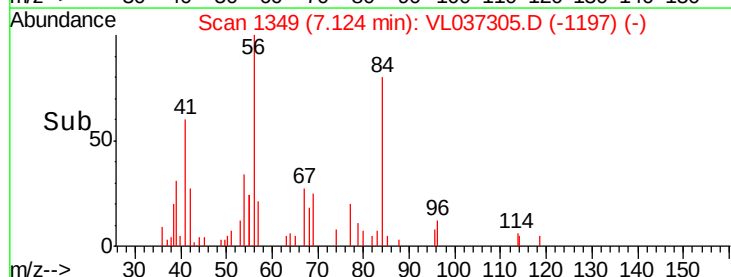
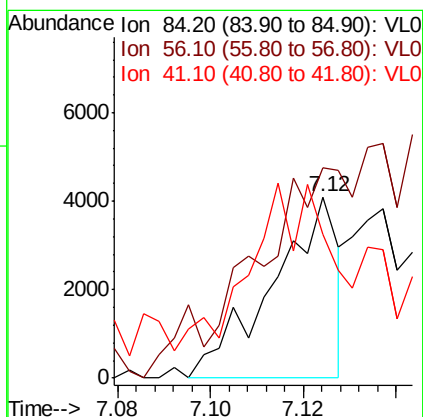
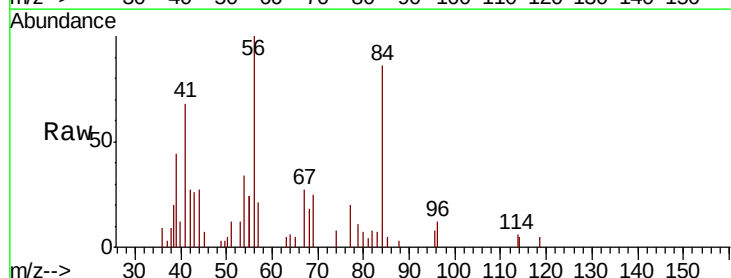
Instrument :  
MSVOA\_L  
ClientSampleId :

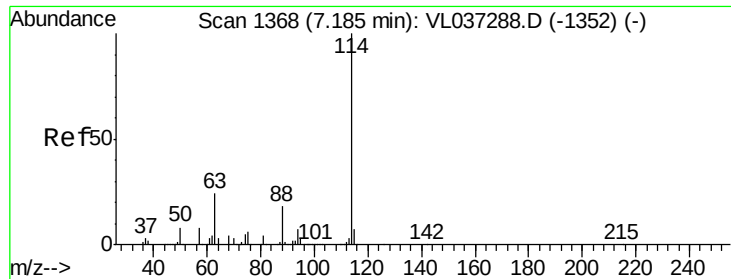
Tot Ion: 83 Resp: 45709  
Ion Ratio Lower Upper  
83 100  
85 70.6 51.9 77.9



#30  
Cyclohexane  
Concen: 0.033 ppbv  
RT: 7.12 min Scan# 1349  
Delta R.T. -0.01 min  
Lab File: VL037305.D  
Acq: 31 Jul 2021 5:59

Tgt Ion: 84 Resp: 4010  
Ion Ratio Lower Upper  
84 100  
56 0.0 104.1 156.1#  
41 243.5 64.7 97.1#

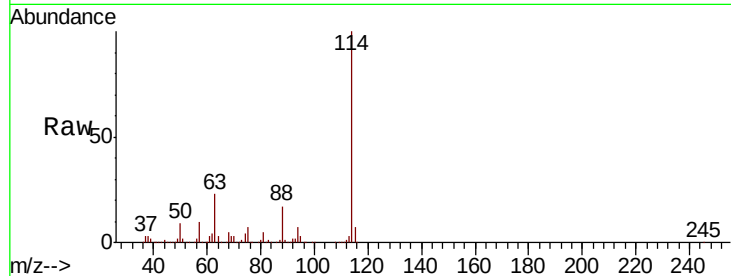




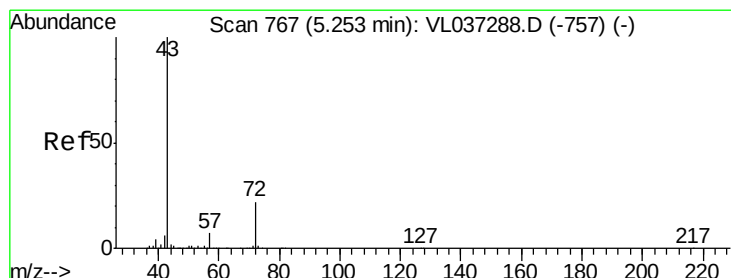
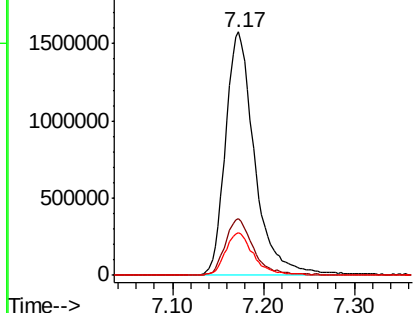
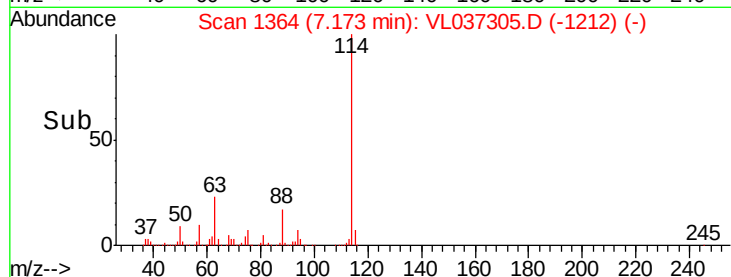
#33  
 1,4-Difluorobenzene  
 Concen: 10.000 ppbv  
 RT: 7.17 min Scan# 1364  
 Delta R.T. -0.01 min  
 Lab File: VL037305.D  
 Acq: 31 Jul 2021 5:59

Instrument :  
 MSVOA\_L  
 ClientSampleId :

Tot Ion:114 Resp: 3514361  
 Ion Ratio Lower Upper  
 114 100  
 63 23.0 19.0 28.4  
 88 17.2 14.0 21.0

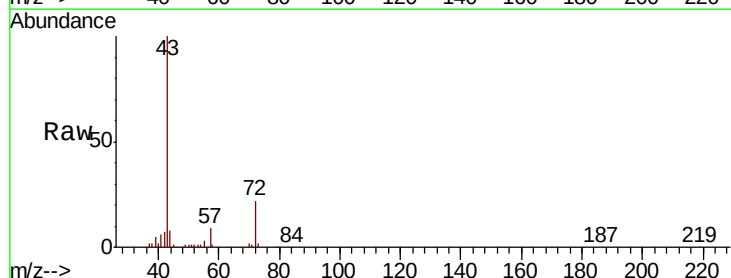


Abundance Ion 114.10 (113.80 to 114.80): V  
 Ion 63.10 (62.80 to 63.80): VL0  
 Ion 88.10 (87.80 to 88.80): VL0

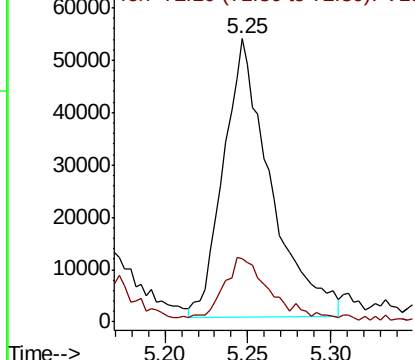
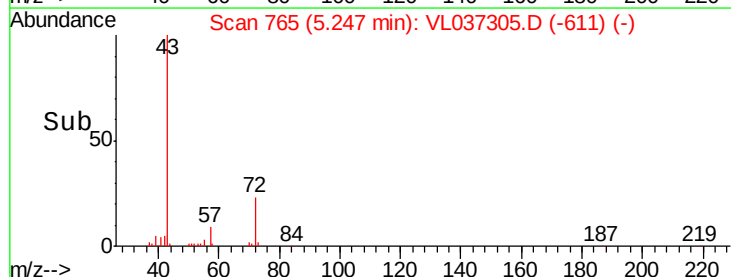


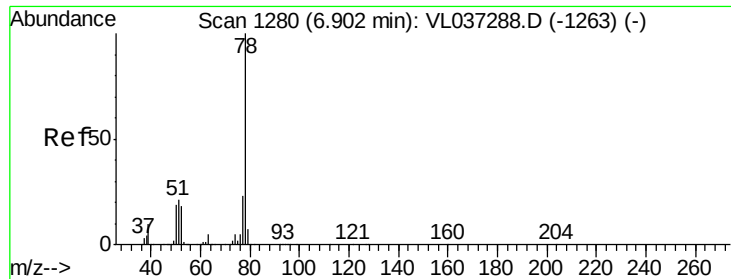
#34  
 2-Butanone  
 Concen: 0.699 ppbv  
 RT: 5.25 min Scan# 765  
 Delta R.T. -0.01 min  
 Lab File: VL037305.D  
 Acq: 31 Jul 2021 5:59

Tgt Ion: 43 Resp: 105427  
 Ion Ratio Lower Upper  
 43 100  
 72 25.3 18.5 27.7



Abundance Ion 43.10 (42.80 to 43.80): VL0  
 Ion 72.10 (71.80 to 72.80): VL0





#36

Benzene

Concen: 0.161 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. -0.02 min

Lab File: VL037305.D

Acq: 31 Jul 2021 5:59

Instrument :

MSVOA\_L

ClientSampleId :

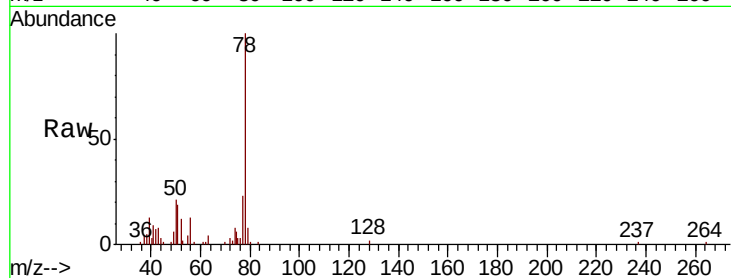
Tot Ion: 78 Resp: 47785

Ion Ratio Lower Upper

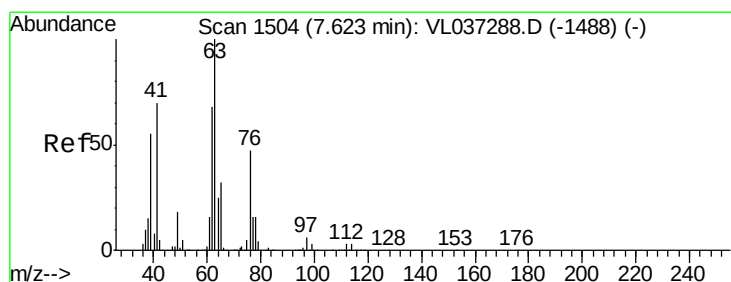
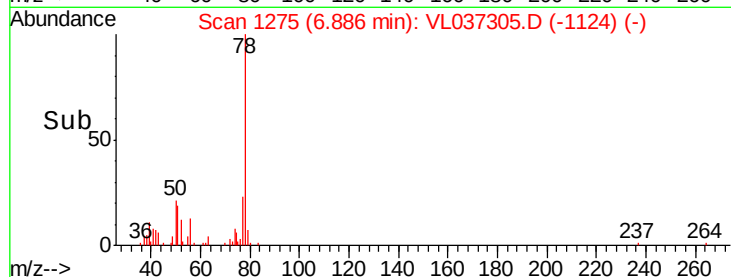
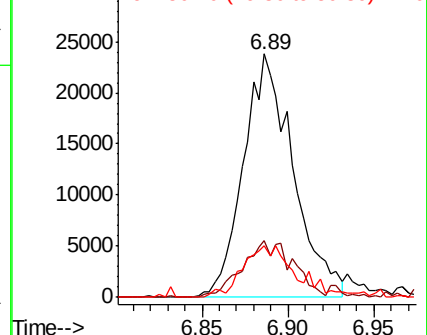
78 100

77 23.2 18.3 27.5

50 21.4 15.5 23.3



Abundance Ion 78.10 (77.80 to 78.80): VL0  
Ion 77.10 (76.80 to 77.80): VL0  
Ion 50.10 (49.80 to 50.80): VL0



#39

1,2-Dichloropropane

Concen: 7.043 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.45 min

Lab File: VL037305.D

Acq: 31 Jul 2021 5:59

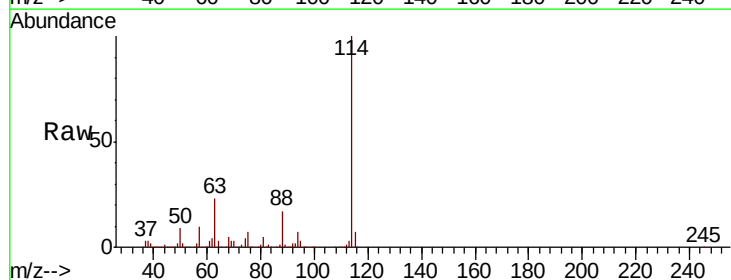
Tgt Ion: 63 Resp: 788121

Ion Ratio Lower Upper

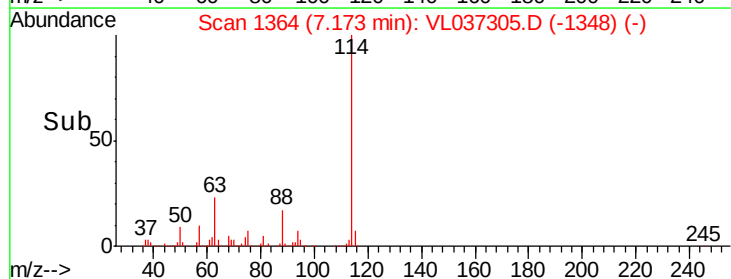
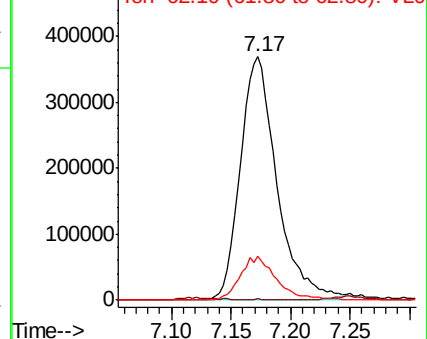
63 100

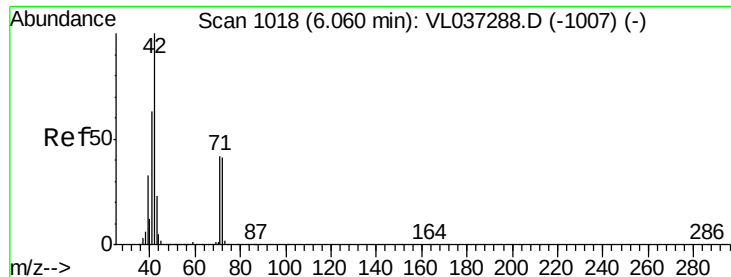
41 0.0 56.4 84.6#

62 18.2 54.6 82.0#



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

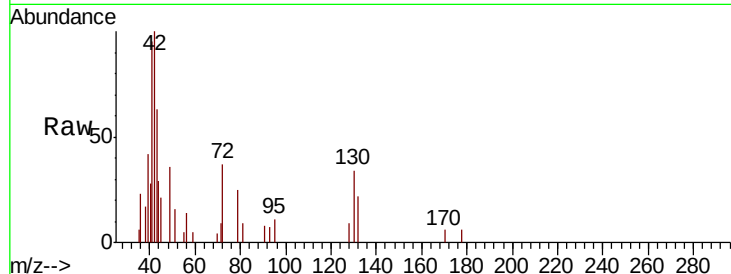




#41  
Tetrahydrofuran  
Concen: 0.043 ppbv  
RT: 6.05 min Scan# 1016  
Delta R.T. -0.01 min  
Lab File: VL037305.D  
Acq: 31 Jul 2021 5:59

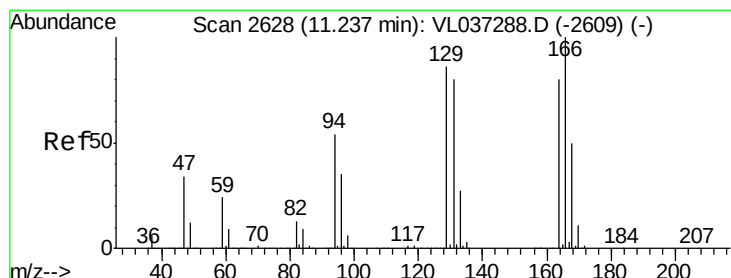
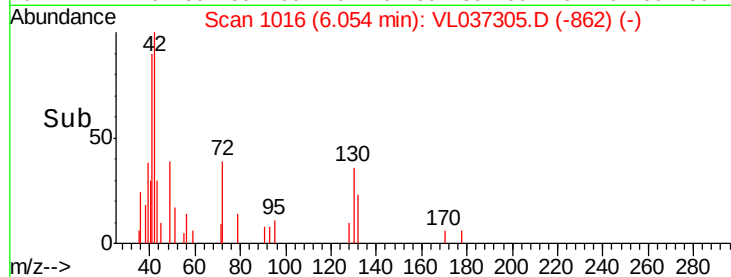
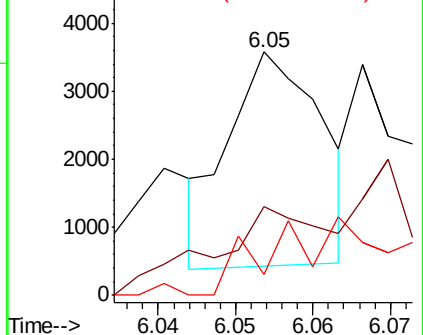
Instrument :  
MSVOA\_L  
ClientSampled :

Tot Ion: 42 Resp: 2631  
Ion Ratio Lower Upper  
42 100  
72 0.0 33.0 49.6#  
71 0.0 32.7 49.1#



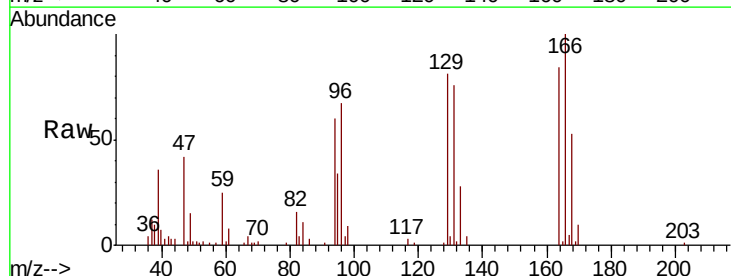
Abundance

Ion 42.10 (41.80 to 42.80): VL0  
Ion 72.10 (71.80 to 72.80): VL0  
Ion 71.10 (70.80 to 71.80): VL0



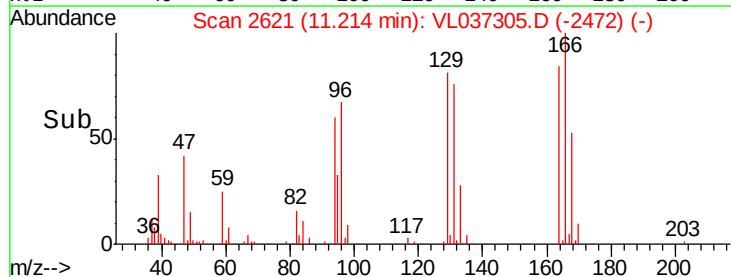
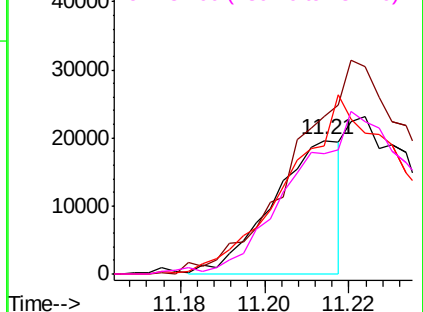
#52  
Tetrachloroethene  
Concen: 0.168 ppbv  
RT: 11.21 min Scan# 2621  
Delta R.T. -0.02 min  
Lab File: VL037305.D  
Acq: 31 Jul 2021 5:59

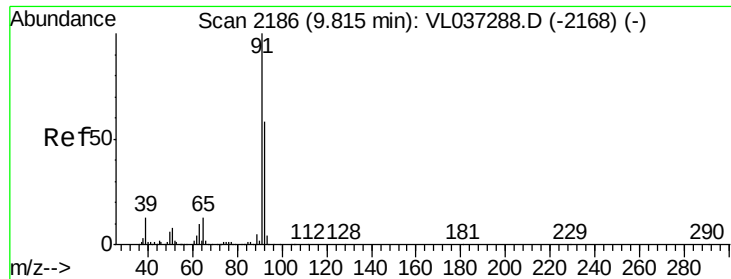
Tgt Ion: 164 Resp: 21977  
Ion Ratio Lower Upper  
164 100  
166 110.9 100.4 150.6  
129 95.3 86.2 129.4  
131 86.4 80.5 120.7



Abundance

Ion 163.90 (163.60 to 164.60): V  
Ion 165.90 (165.60 to 166.60): V  
Ion 129.00 (128.70 to 129.70): V  
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 1.619 ppbv

RT: 9.80 min Scan# 2182

Delta R.T. -0.01 min

Lab File: VL037305.D

Acq: 31 Jul 2021 5:59

Instrument :

MSVOA\_L

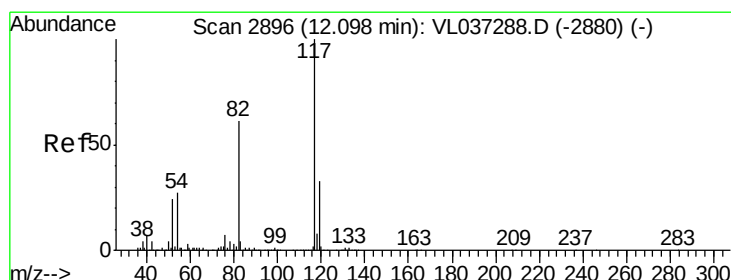
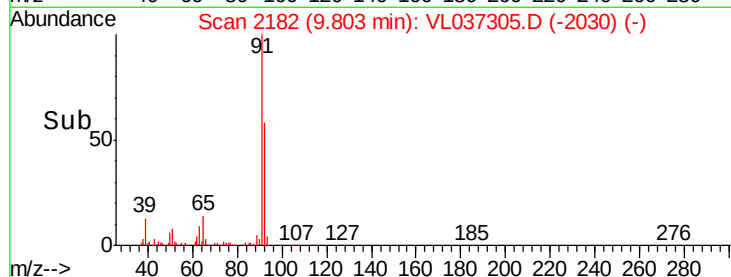
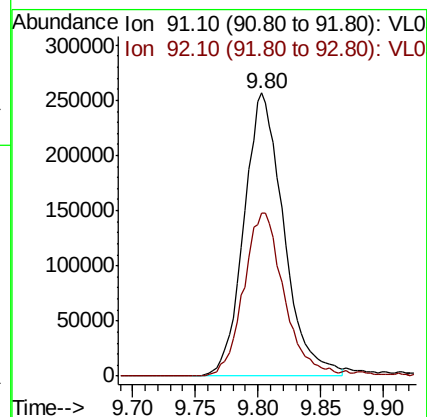
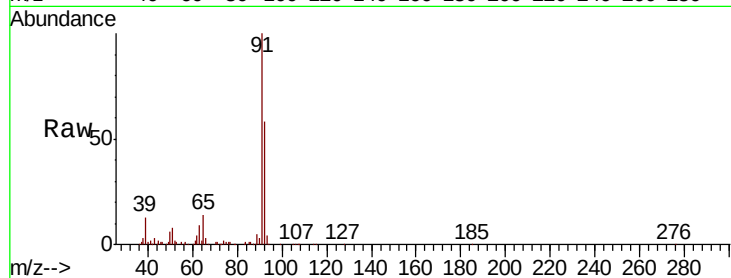
ClientSampled :

Tot Ion: 91 Resp: 566205

Ion Ratio Lower Upper

91 100

92 60.3 48.2 72.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2891

Delta R.T. -0.02 min

Lab File: VL037305.D

Acq: 31 Jul 2021 5:59

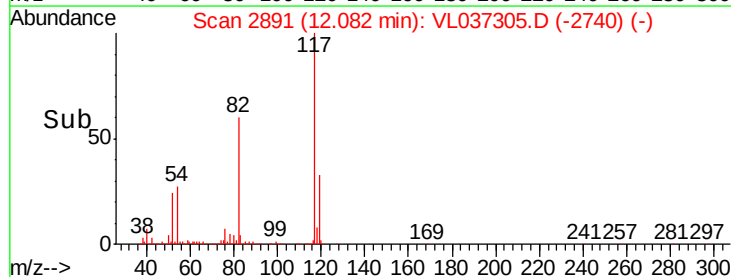
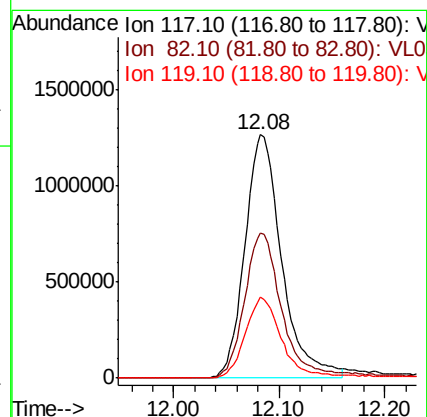
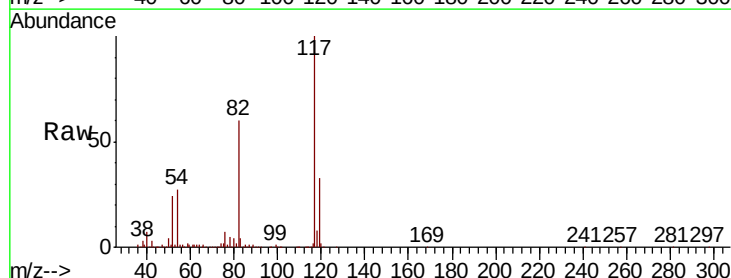
Tgt Ion: 117 Resp: 3086118

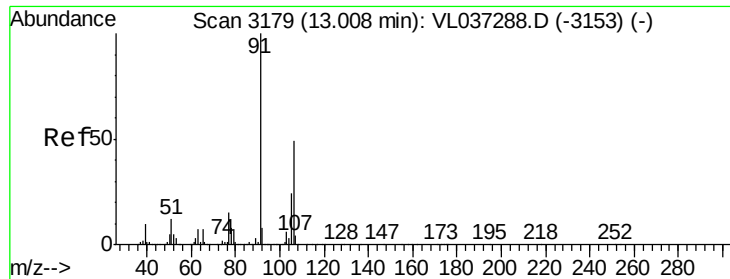
Ion Ratio Lower Upper

117 100

82 63.4 47.2 70.8

119 34.3 45.8 68.8#





#59

m/p-Xylene

Concen: 0.042 ppbv

RT: 13.00 min Scan# 3175

Delta R.T. -0.01 min

Lab File: VL037305.D

Acq: 31 Jul 2021 5:59

Instrument :

MSVOA\_L

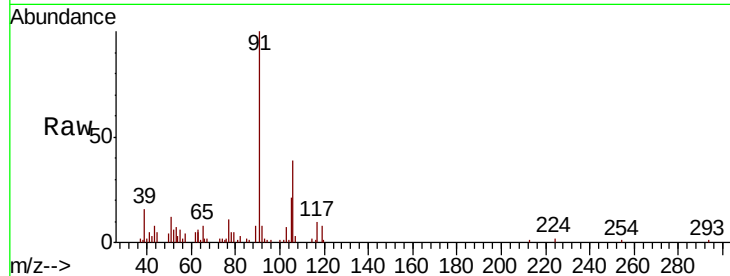
ClientSampleId :

Tot Ion: 91 Resp: 15305

Ion Ratio Lower Upper

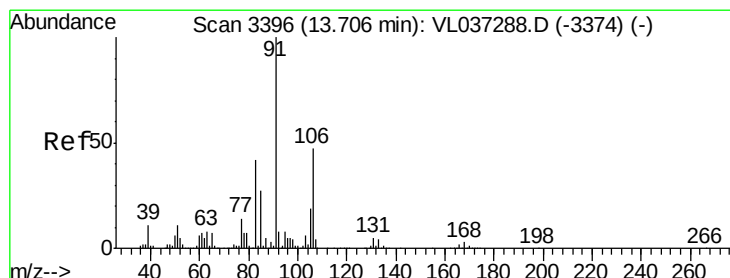
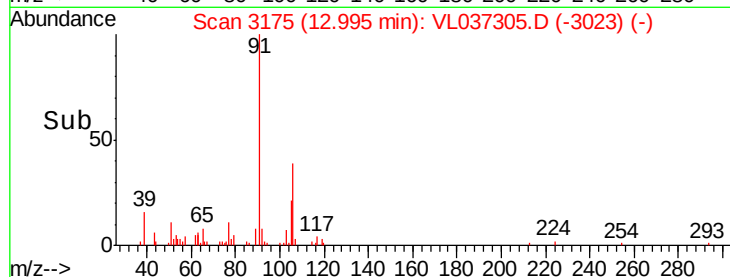
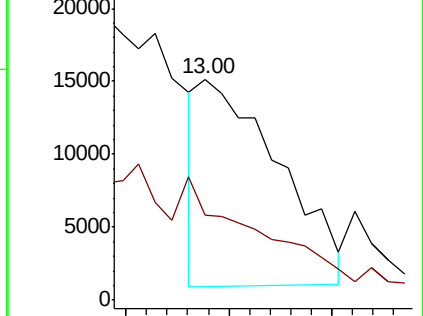
91 100

106 0.0 37.3 55.9#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 0.053 ppbv

RT: 13.69 min Scan# 3390

Delta R.T. -0.02 min

Lab File: VL037305.D

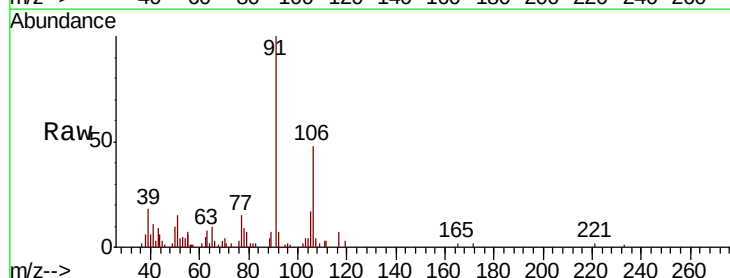
Acq: 31 Jul 2021 5:59

Tgt Ion: 91 Resp: 18348

Ion Ratio Lower Upper

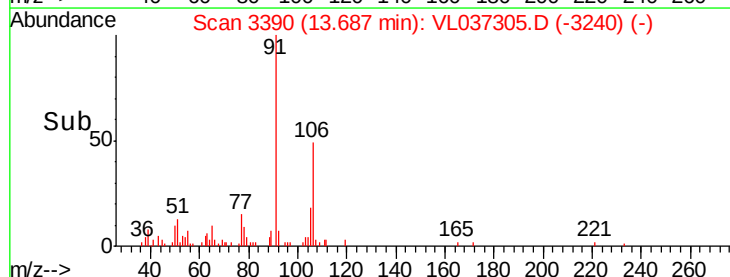
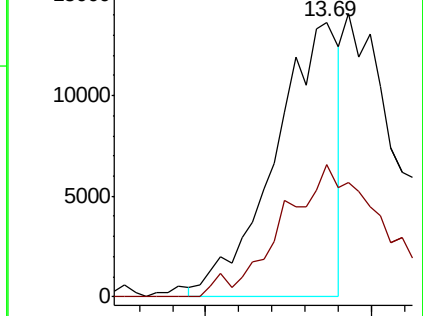
91 100

106 81.3 23.4 70.0#

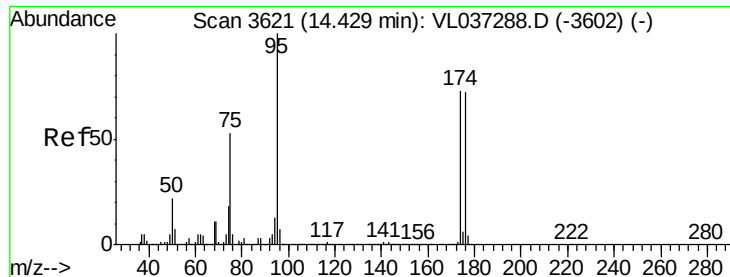


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



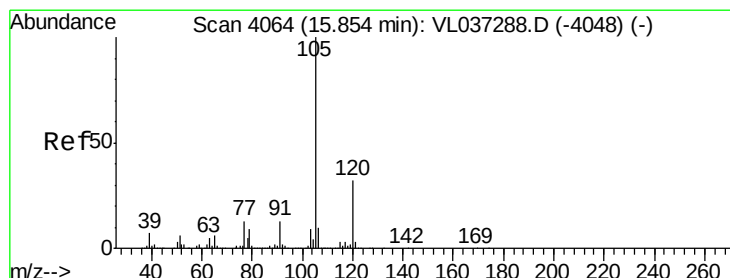
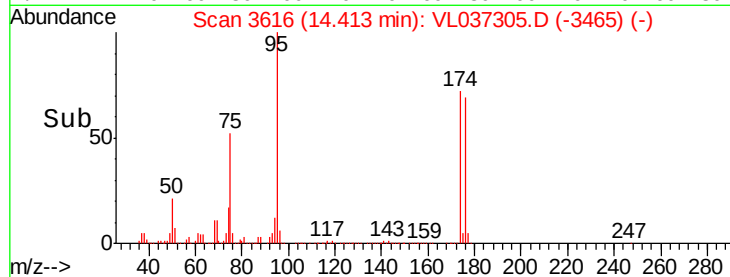
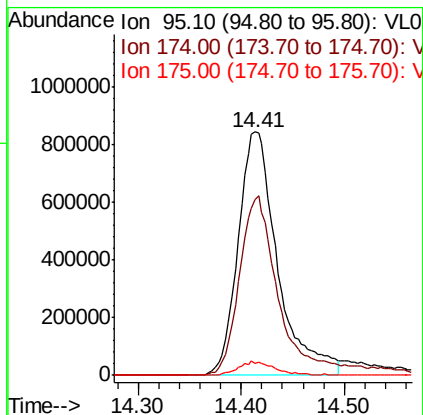
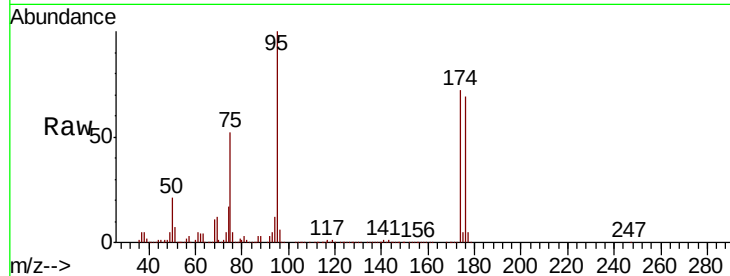




#68  
 1-Bromo-4-Fluorobenzene  
 Concen: 10.028 ppbv  
 RT: 14.41 min Scan# 3616  
 Delta R.T. -0.02 min  
 Lab File: VL037305.D  
 Acq: 31 Jul 2021 5:59

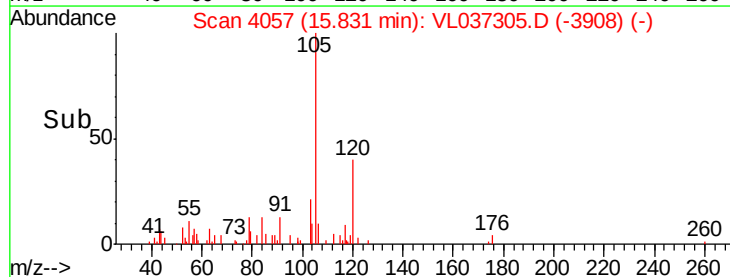
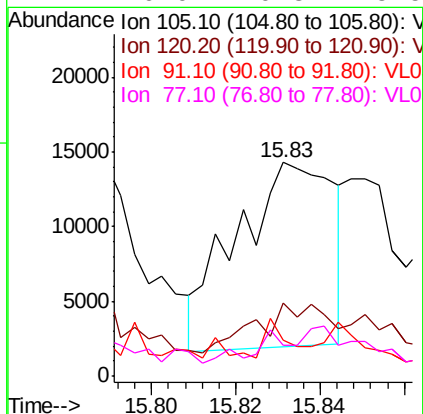
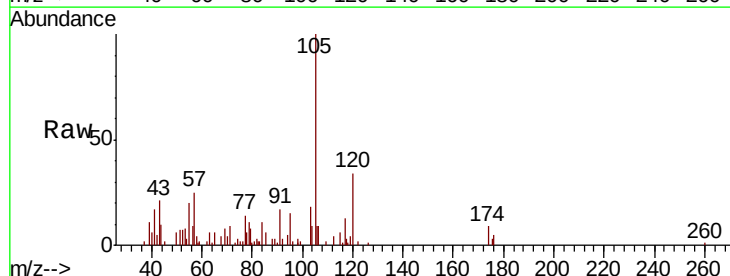
Instrument :  
 MSVOA\_L  
 ClientSampleId :

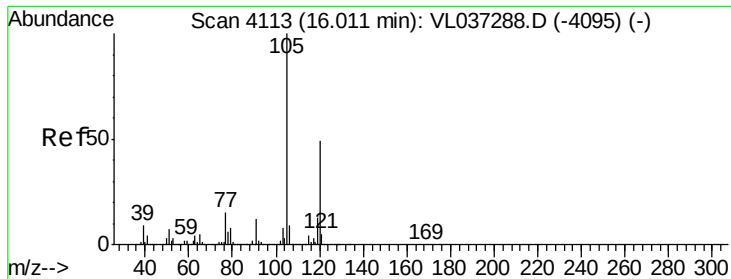
Tot Ion: 95 Resp: 2251564  
 Ion Ratio Lower Upper  
 95 100  
 174 77.9 59.8 89.6  
 175 5.5 4.5 6.7



#72  
 4-Ethyltoluene  
 Concen: 0.048 ppbv  
 RT: 15.83 min Scan# 4057  
 Delta R.T. -0.02 min  
 Lab File: VL037305.D  
 Acq: 31 Jul 2021 5:59

Tgt Ion: 105 Resp: 19788  
 Ion Ratio Lower Upper  
 105 100  
 120 64.5 24.3 36.5#  
 91 0.0 9.6 14.4#  
 77 0.0 10.3 15.5#





#73

1,3,5-Trimethylbenzene

Concen: 0.063 ppbv

RT: 15.99 min Scan# 4107

Delta R.T. -0.02 min

Lab File: VL037305.D

Acq: 31 Jul 2021 5:59

Instrument :

MSVOA\_L

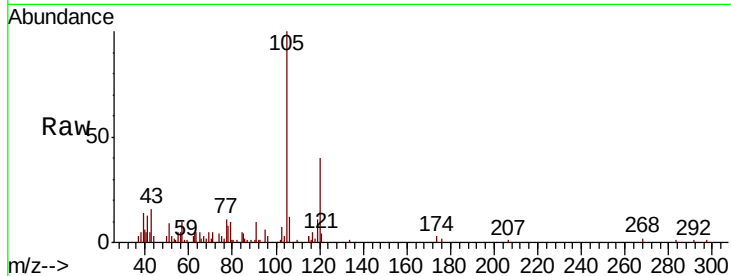
ClientSampleId :

Tot Ion:105 Resp: 24231

Ion Ratio Lower Upper

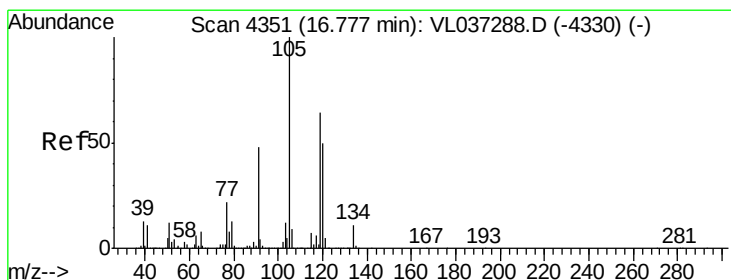
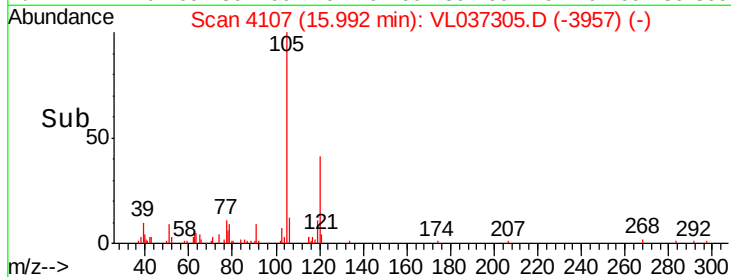
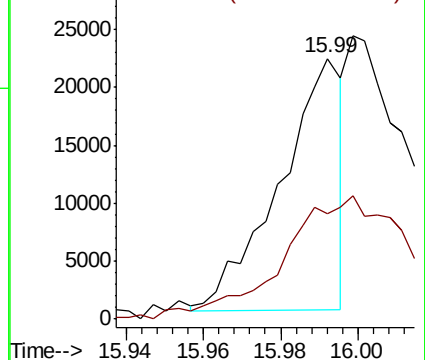
105 100

120 39.2 39.0 58.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 0.340 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. -0.02 min

Lab File: VL037305.D

Acq: 31 Jul 2021 5:59

Tgt Ion:105 Resp: 143204

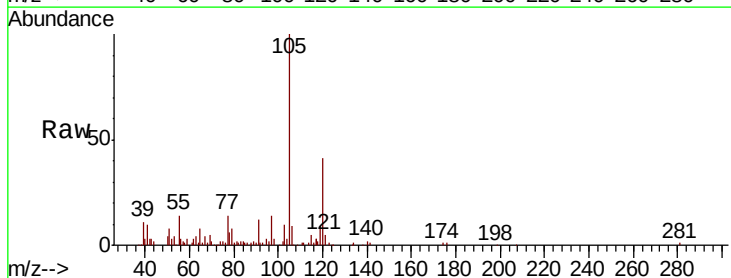
Ion Ratio Lower Upper

105 100

120 40.0 40.2 60.4#

91 10.1 39.0 58.6#

77 13.4 17.4 26.0#

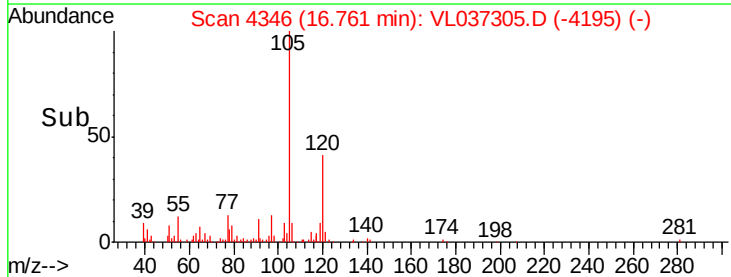
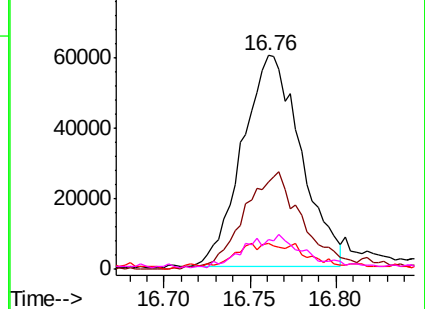


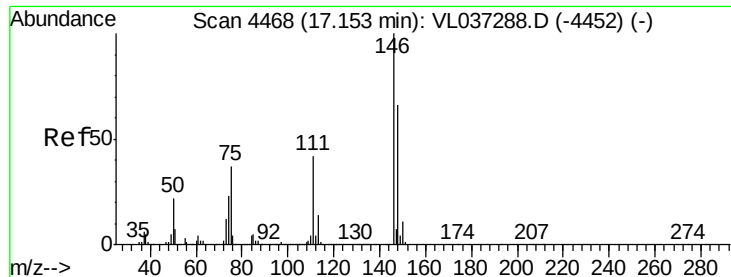
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#76

1,4-Dichlorobenzene

Concen: 0.082 ppbv

RT: 17.13 min Scan# 4461

Delta R.T. -0.02 min

Lab File: VL037305.D

Acq: 31 Jul 2021 5:59

Instrument :

MSVOA\_L

ClientSampleId :

Tot Ion:146 Resp: 21329

Ion Ratio Lower Upper

146 100

111 141.0 21.2 63.6#

148 0.0 32.9 98.6#

