

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_L\DATA\VL122921\  
 Data File : VL038247.D  
 Acq On : 30 Dec 2021 00:33  
 Operator : SY/AP  
 Sample : M5252-02  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA-2

Quant Time: Dec 30 06:22:48 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL122121AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue Dec 21 17:47:08 2021  
 QLast Update : Tue Dec 21 17:47:08 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.67  | 49   | 662203   | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.18  | 114  | 1612436  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.09 | 117  | 1382340  | 10.00 | ppbv  | 0.00     |

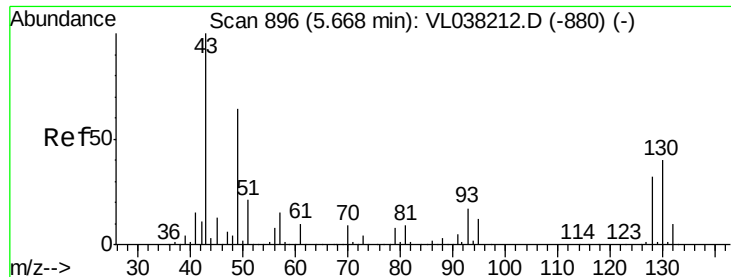
System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.42  | 95    | 1154192  | 10.84    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 108.40% |

| Target Compounds               | R.T.  | QIon | Response | Conc     | Units  | Qvalue |
|--------------------------------|-------|------|----------|----------|--------|--------|
| 2) Dichlorodifluoromethane     | 3.06  | 85   | 58975    | 0.473    | ppbv   | 93     |
| 3) Chlorodifluoromethane       | 2.98  | 51   | 170754   | 1.227    | ppbv # | 74     |
| 4) Chloromethane               | 3.15  | 50   | 20080    | 0.416    | ppbv   | 92     |
| 9) Propene                     | 3.21  | 41   | 305912   | 6.331    | ppbv   | 99     |
| 10) Heptane                    | 8.13  | 43   | 19745    | 0.161    | ppbv # | 27     |
| 11) Trichlorofluoromethane     | 3.96  | 101  | 68125    | 0.594    | ppbv   | 96     |
| 12) 1,1,2-Trichlorotrifluoroet | 4.50  | 101  | 3863     | 0.045    | ppbv # | 73     |
| 13) Ethanol                    | 3.63  | 45   | 8343900  | 1018.606 | ppbv # | 100    |
| 15) Acetone                    | 3.85  | 43   | 5493701  | 82.663   | ppbv   | 98     |
| 16) 1,3-Butadiene              | 3.32  | 39   | 2763     | 0.061    | ppbv # | 10     |
| 17) tert-Butyl alcohol         | 3.99  | 59   | 126787   | 1.737    | ppbv   | 97     |
| 19) Isopropyl Alcohol          | 3.99  | 45   | 3889290  | 93.825   | ppbv   | 99     |
| 20) Methylene Chloride         | 4.35  | 84   | 436615   | 11.636   | ppbv   | 94     |
| 21) Allyl Chloride             | 4.35  | 41   | 12677    | 0.225    | ppbv # | 33     |
| 23) Vinyl Acetate              | 5.08  | 43   | 6583     | 0.073    | ppbv # | 7      |
| 25) Ethyl Acetate              | 5.69  | 43   | 390351   | 2.168    | ppbv # | 87     |
| 26) Hexane                     | 5.69  | 57   | 376080   | 4.163    | ppbv # | 55     |
| 30) Cyclohexane                | 7.13  | 84   | 4371     | 0.055    | ppbv # | 1      |
| 32) 1,1,1-Trichloroethane      | 6.52  | 97   | 9036     | 0.068    | ppbv # | 66     |
| 34) 2-Butanone                 | 5.25  | 43   | 36488    | 0.753    | ppbv   | 98     |
| 35) Carbon Tetrachloride       | 7.02  | 117  | 9049     | 0.091    | ppbv   | 92     |
| 36) Benzene                    | 6.89  | 78   | 28697    | 0.191    | ppbv # | 93     |
| 38) Trichloroethene            | 7.84  | 130  | 341481   | 5.966    | ppbv   | 95     |
| 39) 1,2-Dichloropropane        | 7.18  | 63   | 446155   | 7.707    | ppbv # | 26     |
| 41) Tetrahydrofuran            | 6.06  | 42   | 1599     | 0.045    | ppbv # | 65     |
| 44) 2,2,4-Trimethylpentane     | 7.87  | 57   | 134566   | 0.527    | ppbv # | 83     |
| 52) Tetrachloroethene          | 11.23 | 164  | 152796   | 2.752    | ppbv   | 98     |
| 53) Toluene                    | 9.81  | 91   | 160097   | 0.923    | ppbv   | 100    |
| 58) Ethyl Benzene              | 12.71 | 91   | 166249   | 0.775    | ppbv   | 94     |
| 59) m/p-Xylene                 | 12.97 | 91   | 538822   | 2.938    | ppbv   | 96     |
| 60) o-Xylene                   | 13.69 | 91   | 111794   | 0.658    | ppbv   | 99     |
| 61) Styrene                    | 13.54 | 104  | 5201     | 0.060    | ppbv # | 1      |
| 74) 1,2,4-Trimethylbenzene     | 16.77 | 105  | 19906    | 0.108    | ppbv # | 69     |

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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 30 Dec 2021 00:33

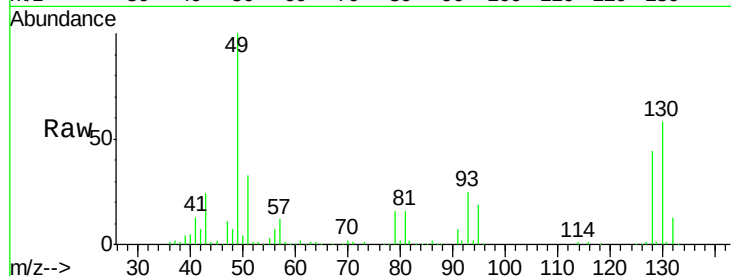
Tgt Ion: 49 Resp: 662203

Ion Ratio Lower Upper

49 100

128 44.9 26.9 80.6

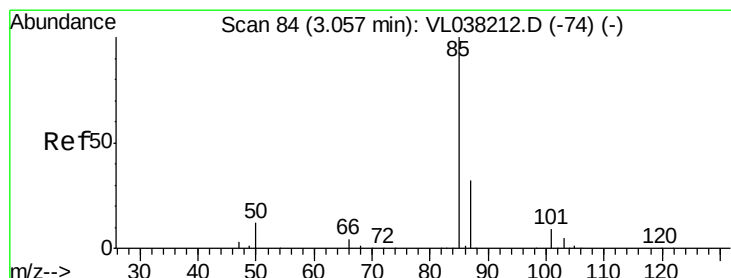
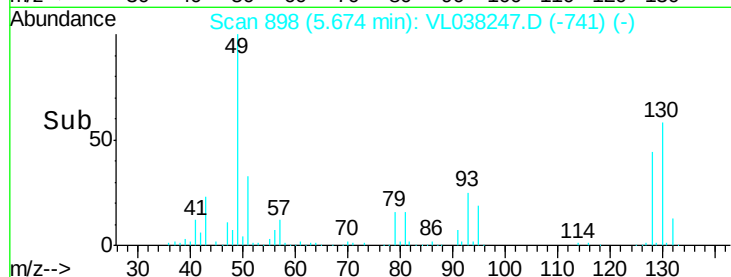
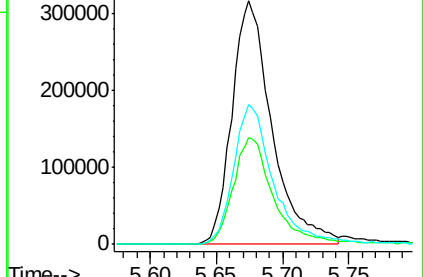
130 58.2 32.3 96.9



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: 0.473 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.00 min

Lab File: VL038247.D

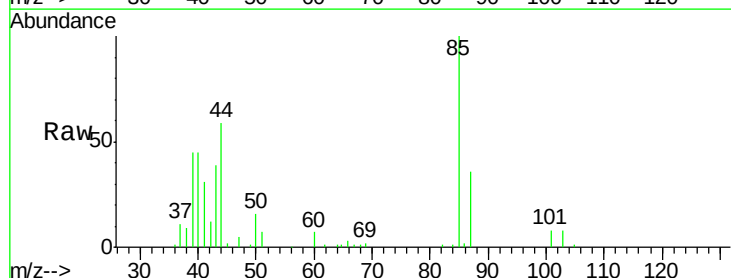
Acq: 30 Dec 2021 00:33

Tgt Ion: 85 Resp: 58975

Ion Ratio Lower Upper

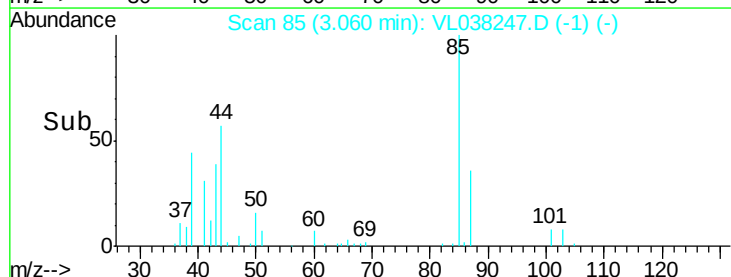
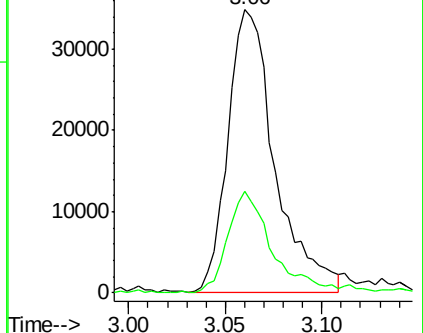
85 100

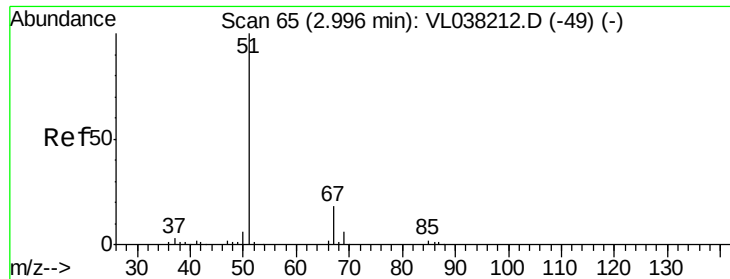
87 35.9 25.4 38.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 1.227 ppbv

RT: 2.98 Instrument: MSVOA\_1

Delta R.T. ClientSampleId:

Lab File: IA-2

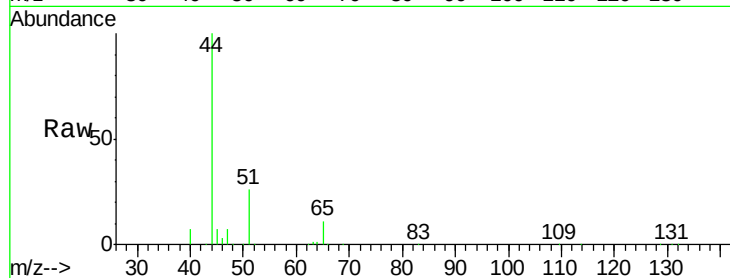
Acq: 30 Dec 2021 00:33

Tgt Ion: 51 Resp: 170754

Ion Ratio Lower Upper

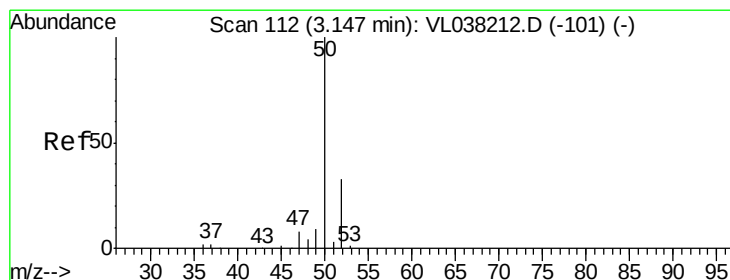
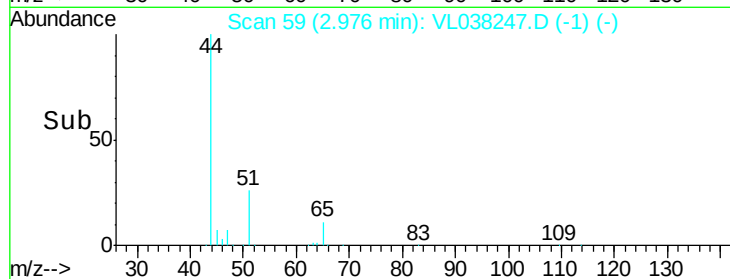
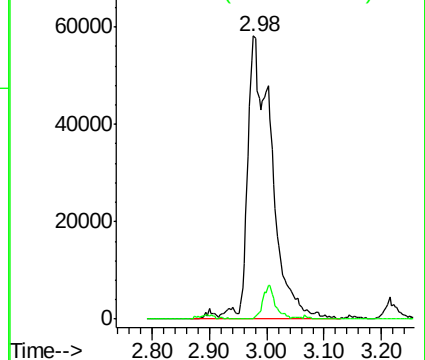
51 100

67 6.2 14.0 21.0#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.416 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.01 min

Lab File: VL038247.D

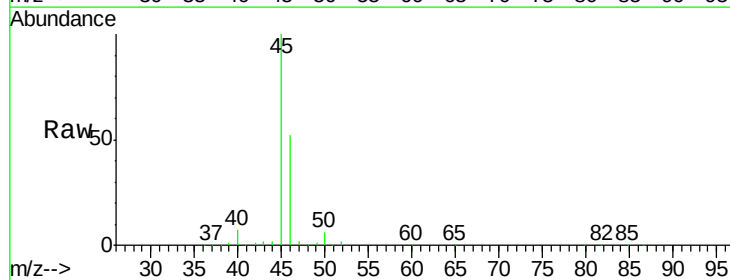
Acq: 30 Dec 2021 00:33

Tgt Ion: 50 Resp: 20080

Ion Ratio Lower Upper

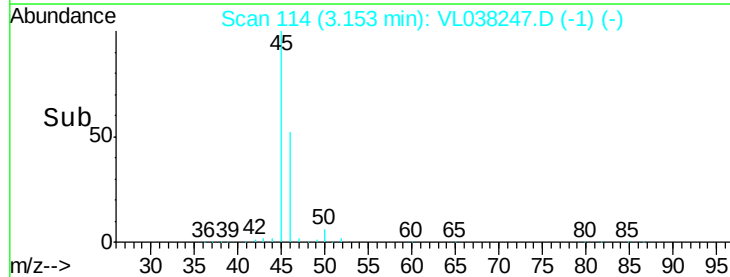
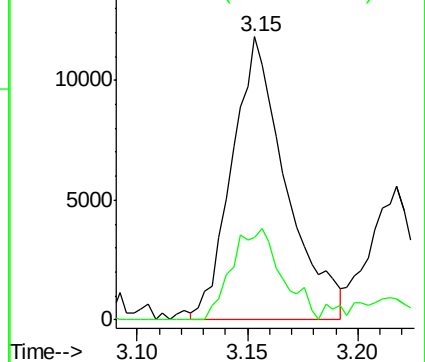
50 100

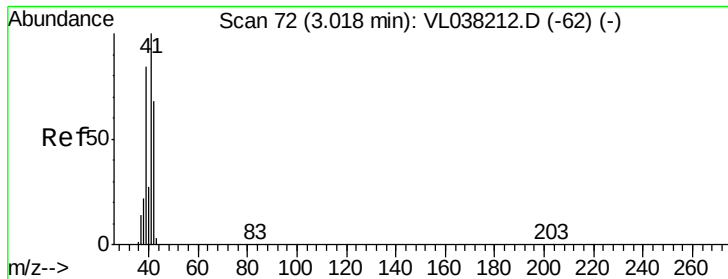
52 28.2 26.2 39.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 6.331 ppbv

RT: 3.21 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

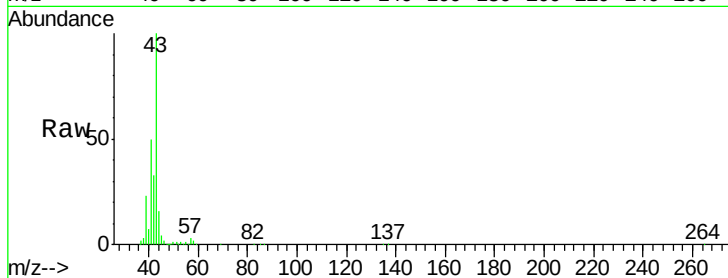
Acq: 30 Dec 2021 00:33

Tgt Ion: 41 Resp: 305912

Ion Ratio Lower Upper

41 100

42 68.3 55.5 83.3



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.21

200000

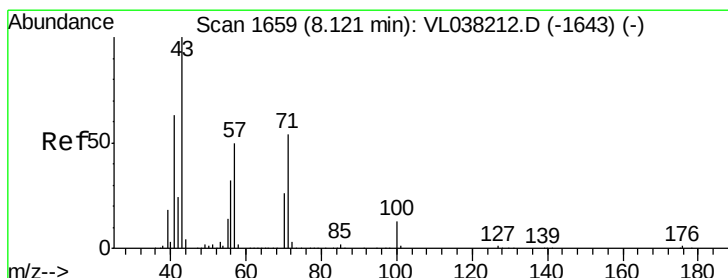
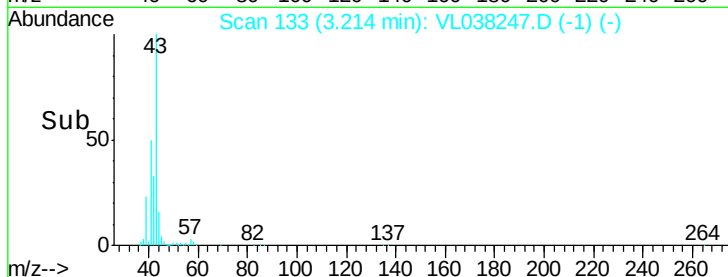
150000

100000

50000

0

Time-->



#10

Heptane

Concen: 0.161 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. 0.01 min

Lab File: VL038247.D

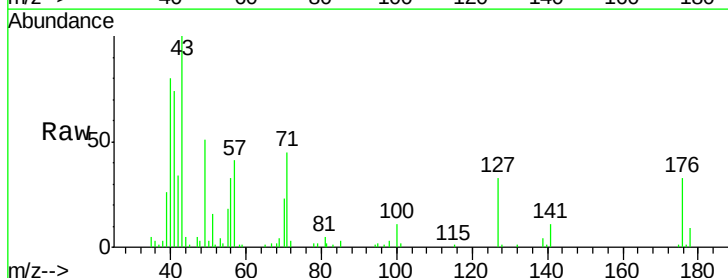
Acq: 30 Dec 2021 00:33

Tgt Ion: 43 Resp: 19745

Ion Ratio Lower Upper

43 100

57 0.0 40.3 60.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

8.13

20000

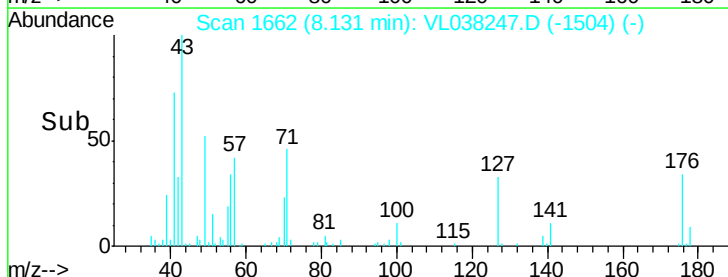
15000

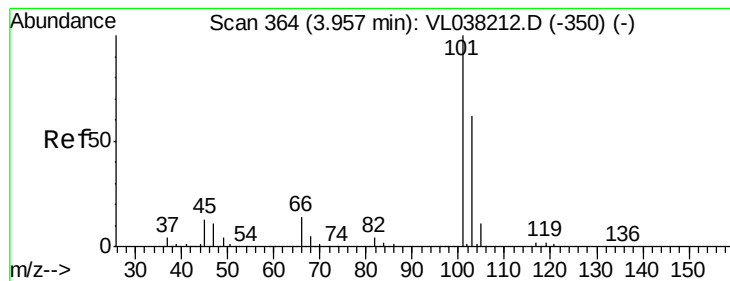
10000

5000

0

Time-->





#11

Trichlorofluoromethane

Concen: 0.594 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

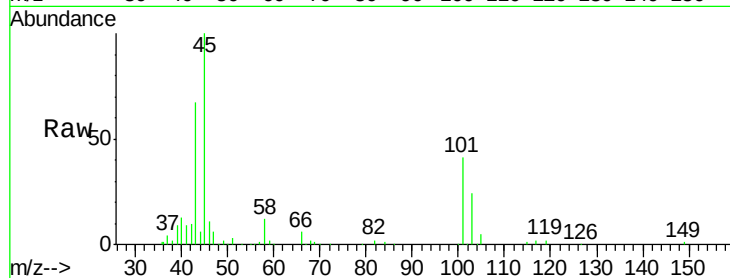
Acq: 30 Dec 2021 00:33

Tgt Ion:101 Resp: 68125

Ion Ratio Lower Upper

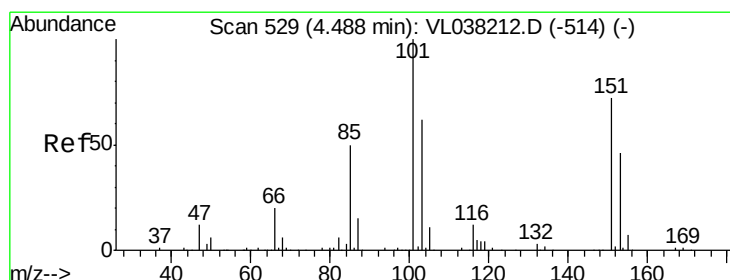
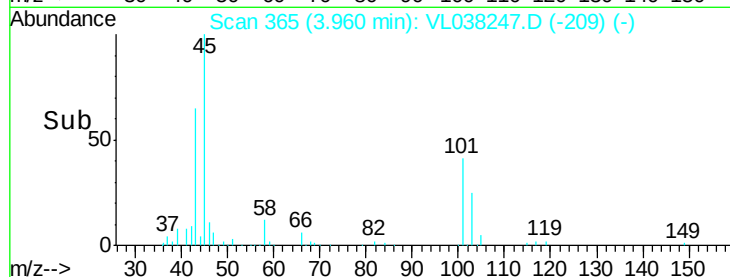
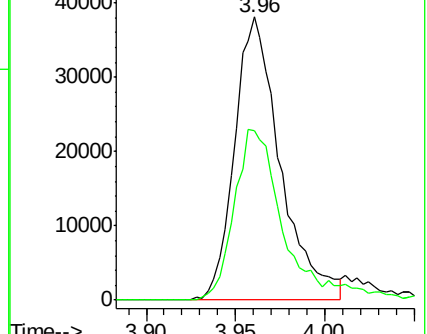
101 100

103 59.7 49.9 74.9



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: 0.045 ppbv

RT: 4.50 min Scan# 533

Delta R.T. 0.01 min

Lab File: VL038247.D

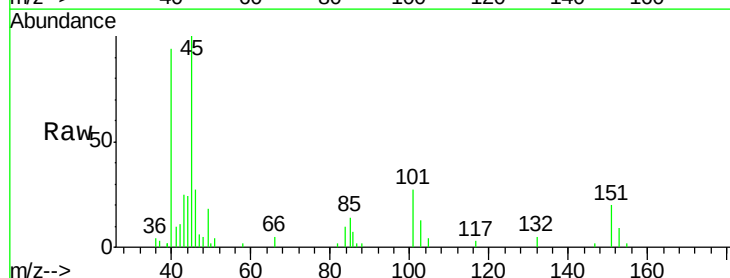
Acq: 30 Dec 2021 00:33

Tgt Ion:101 Resp: 3863

Ion Ratio Lower Upper

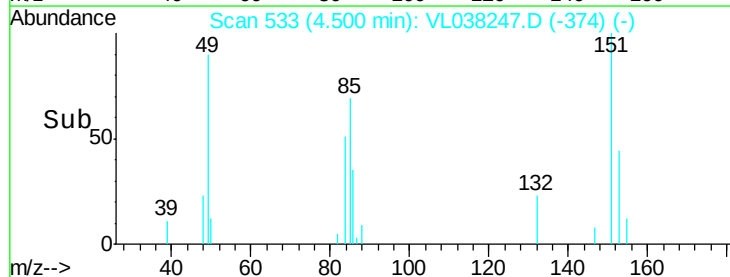
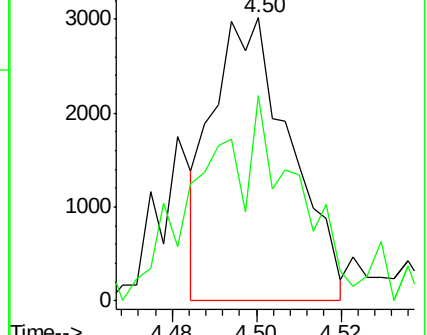
101 100

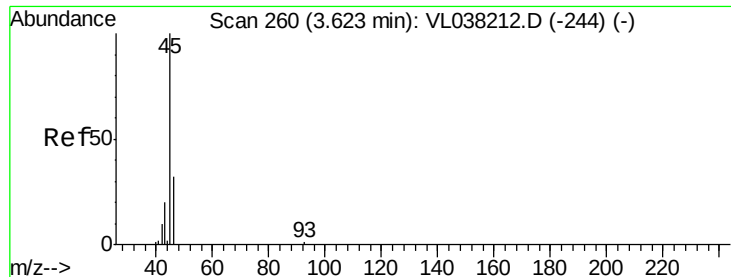
151 95.7 58.6 87.8#



Abundance Ion 101.00 (100.70 to 101.70): V

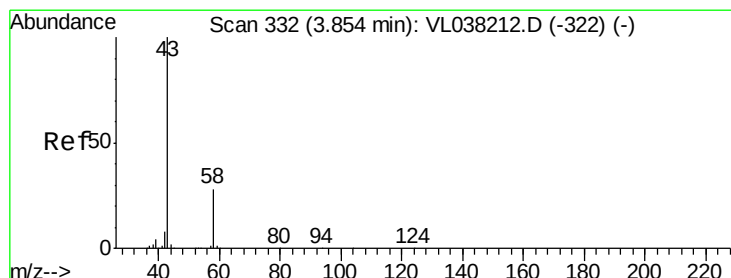
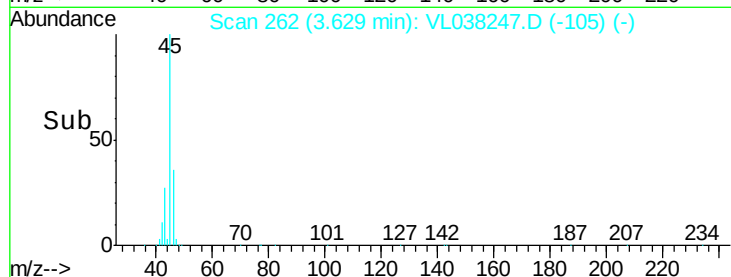
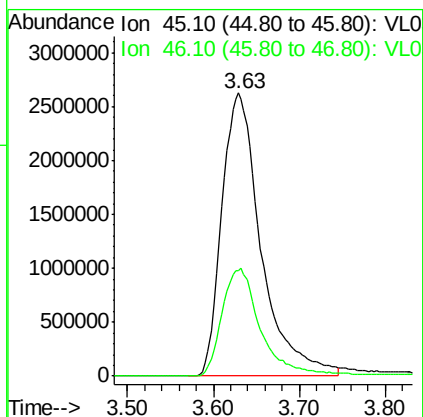
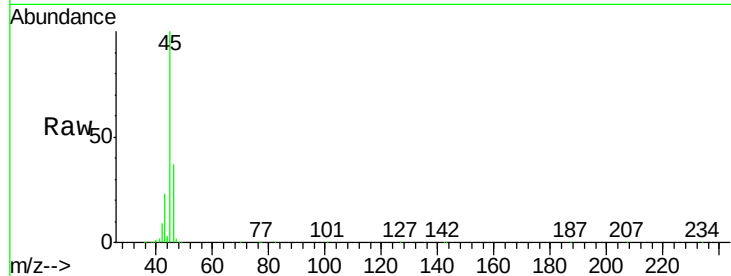
Ion 151.00 (150.70 to 151.70): V





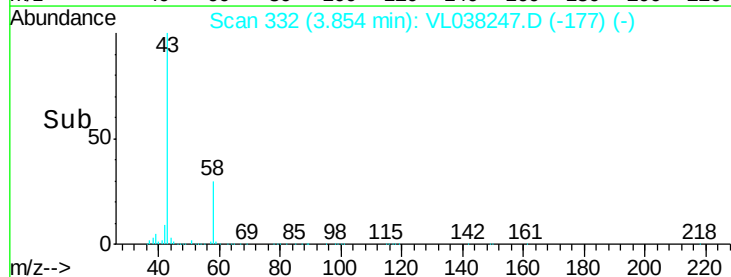
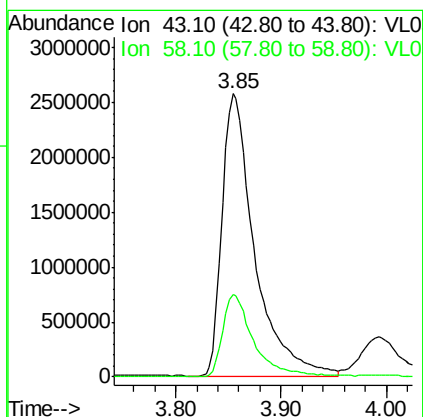
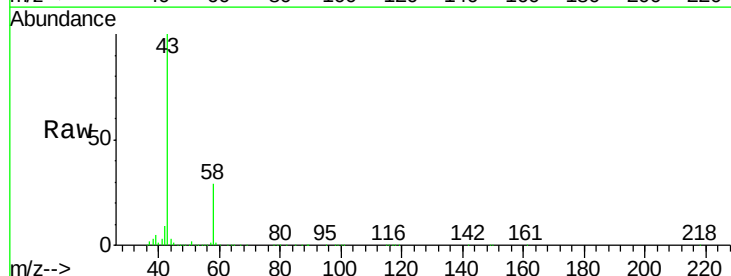
#13  
Ethanol  
Concen: 1018.606 ppbv  
RT: 3.63  
Delta R.T. MSVOA\_L  
Lab File: ClientSampleId :  
Acq: 30 Dec 2021 00:33

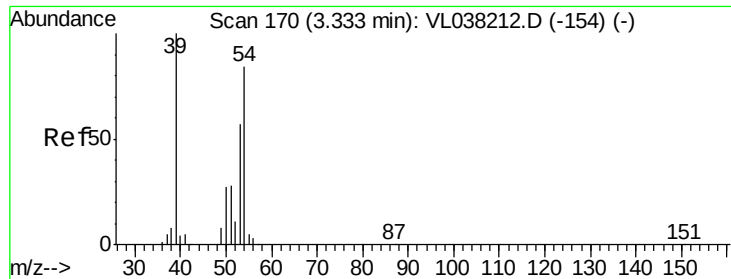
Tgt Ion: 45 Resp: 8343900  
Ion Ratio Lower Upper  
45 100  
46 38.6 0.0 0.0#



#15  
Acetone  
Concen: 82.663 ppbv  
RT: 3.85 min Scan# 332  
Delta R.T. -0.00 min  
Lab File: VL038247.D  
Acq: 30 Dec 2021 00:33

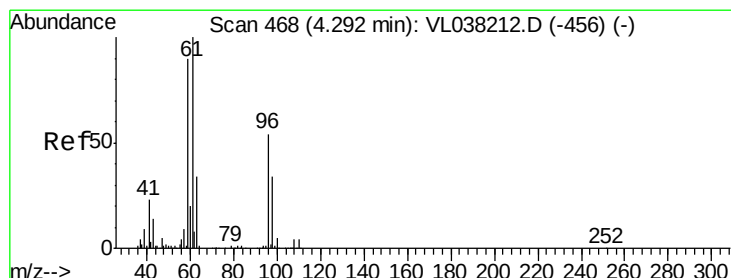
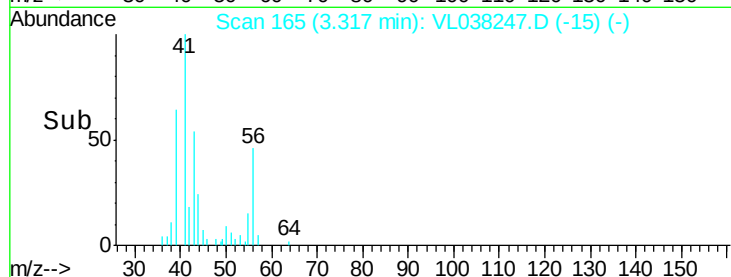
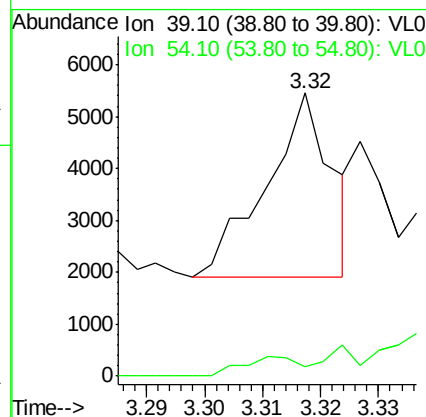
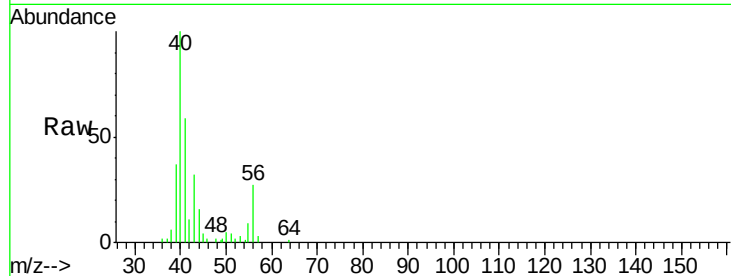
Tgt Ion: 43 Resp: 5493701  
Ion Ratio Lower Upper  
43 100  
58 28.0 23.3 34.9





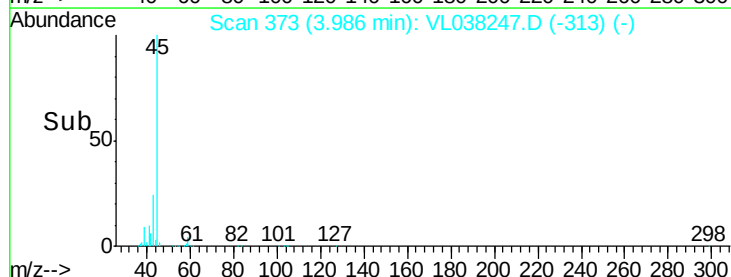
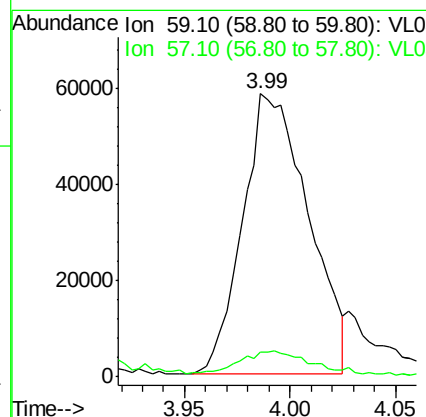
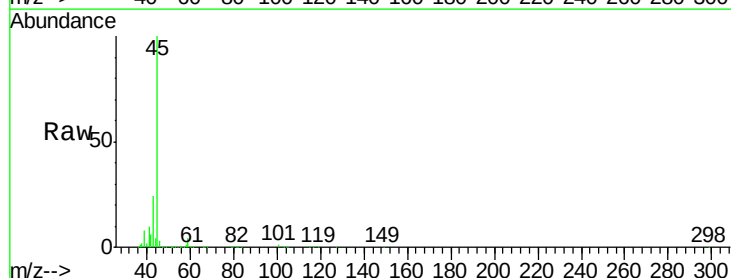
#16  
 1,3-Butadiene  
 Concen: 0.061 ppbv  
 RT: 3.32  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 Acq: 30 Dec 2021 00:33

Tgt Ion: 39 Resp: 2763  
 Ion Ratio Lower Upper  
 39 100  
 54 0.0 62.9 94.3#

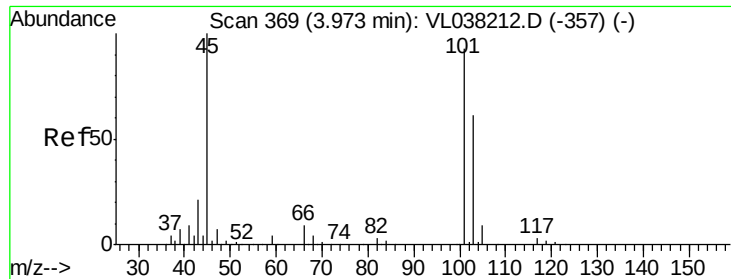


#17  
 tert-Butyl alcohol  
 Concen: 1.737 ppbv  
 RT: 3.99 min Scan# 373  
 Delta R.T. -0.31 min  
 Lab File: VL038247.D  
 Acq: 30 Dec 2021 00:33

Tgt Ion: 59 Resp: 126787  
 Ion Ratio Lower Upper  
 59 100  
 57 11.9 8.7 13.1







#19

Isopropyl Alcohol

Concen: 93.825 ppbv

RT: 3.99 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

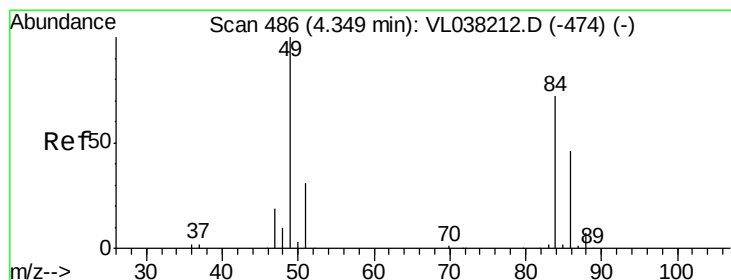
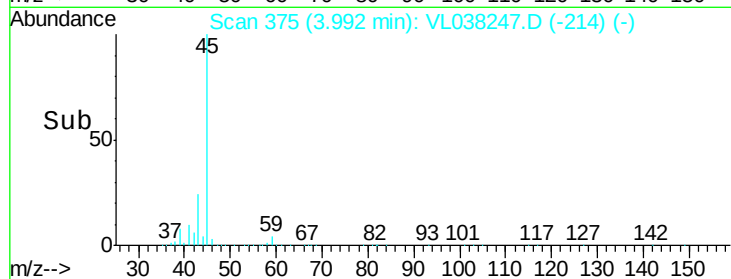
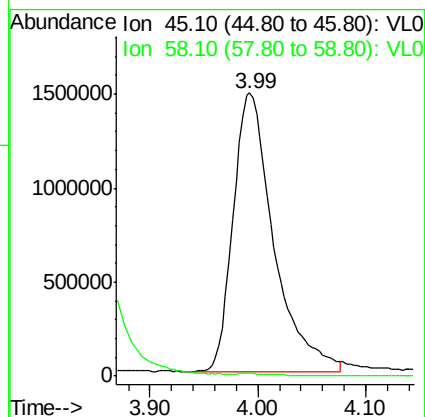
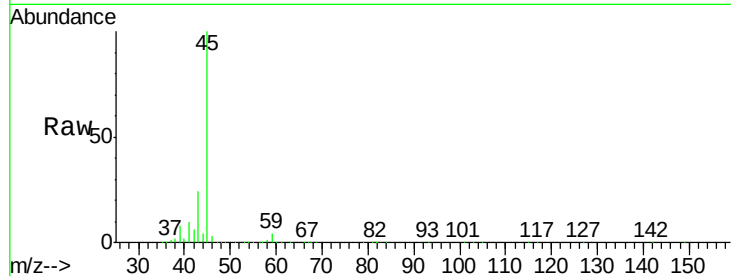
Acq: 30 Dec 2021 00:33

Tgt Ion: 45 Resp: 3889290

Ion Ratio Lower Upper

45 100

58 39.6 32.4 48.6



#20

Methylene Chloride

Concen: 11.636 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.00 min

Lab File: VL038247.D

Acq: 30 Dec 2021 00:33

Tgt Ion: 84 Resp: 436615

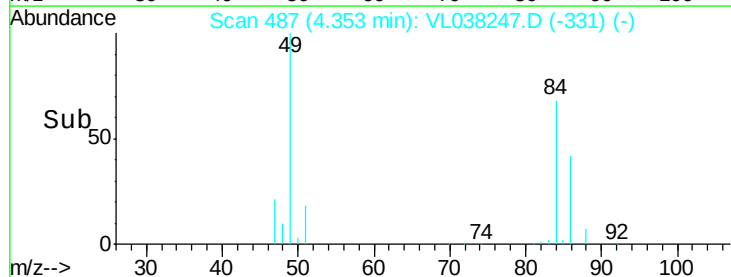
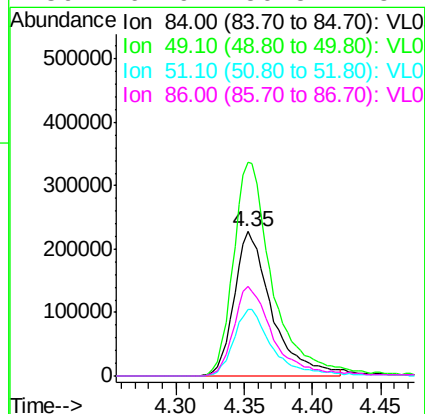
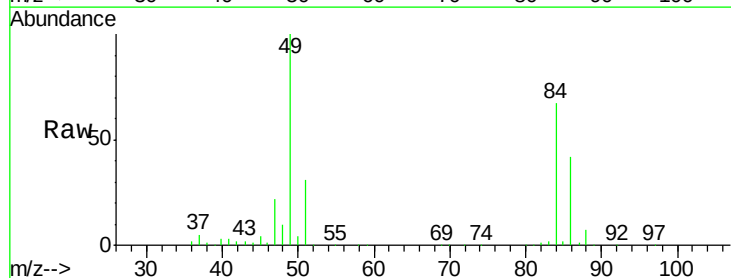
Ion Ratio Lower Upper

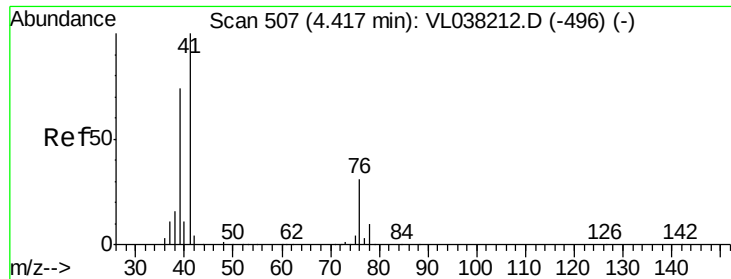
84 100

49 148.2 110.6 166.0

51 46.2 34.2 51.2

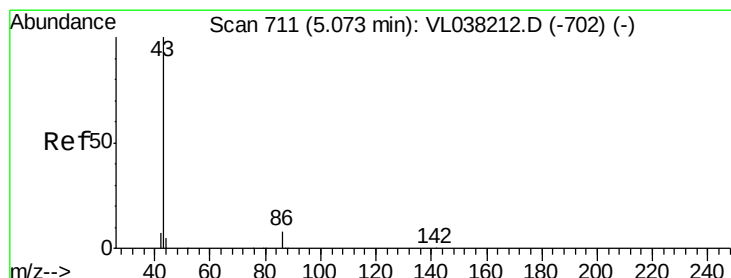
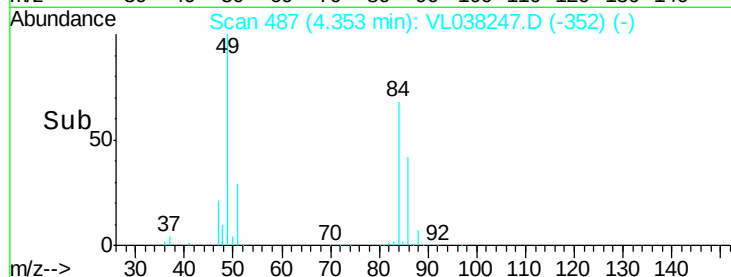
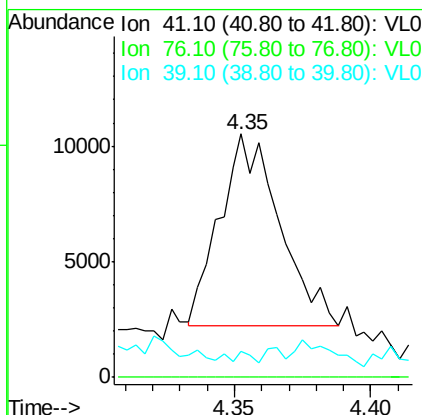
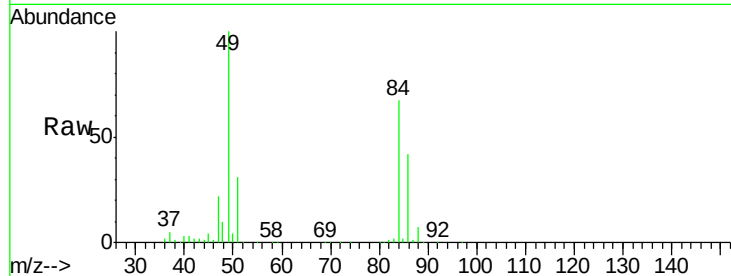
86 61.9 50.5 75.7





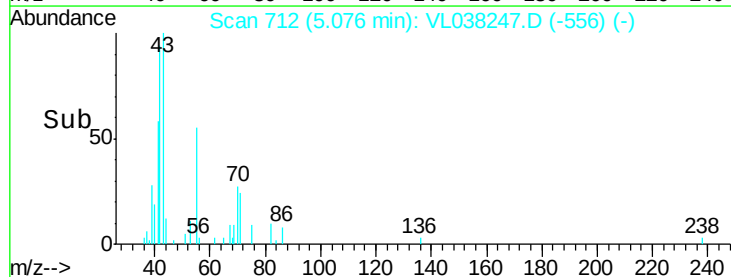
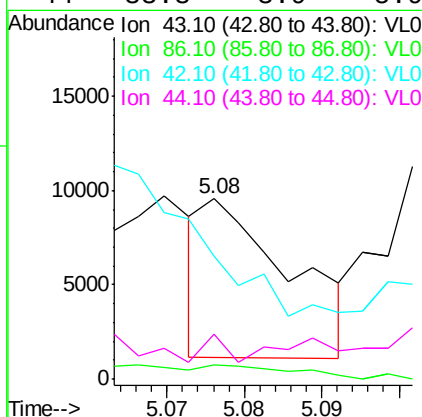
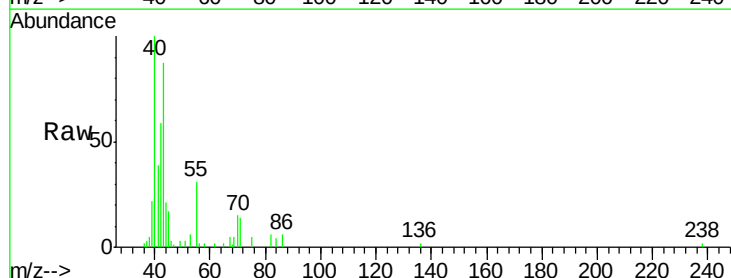
#21  
 Allyl Chloride  
 Concen: 0.225 ppbv  
 RT: 4.35  
 Delta R.T. MSVOA\_1  
 Lab File: ClientSampleId :  
 Acq: 30 Dec 2021 00:33

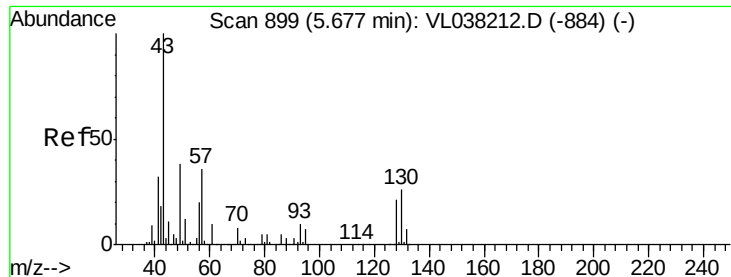
Tgt Ion: 41 Resp: 12677  
 Ion Ratio Lower Upper  
 41 100  
 76 30.1 25.2 37.8  
 39 0.0 66.1 99.1#



#23  
 Vinyl Acetate  
 Concen: 0.073 ppbv  
 RT: 5.08 min Scan# 712  
 Delta R.T. 0.00 min  
 Lab File: VL038247.D  
 Acq: 30 Dec 2021 00:33

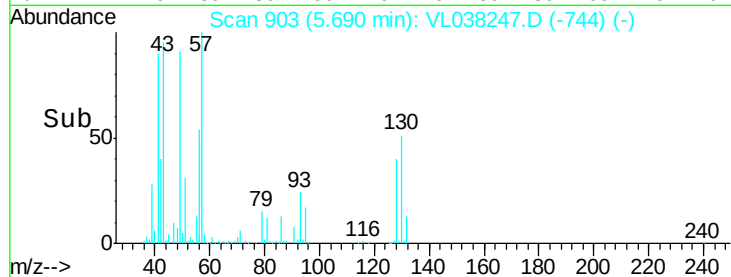
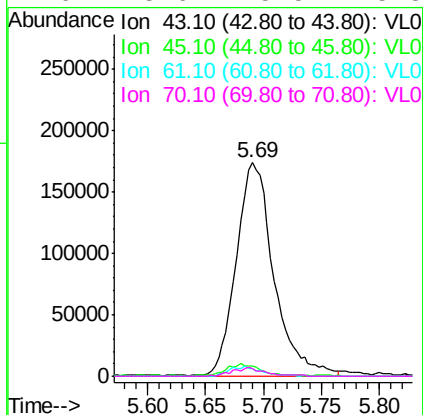
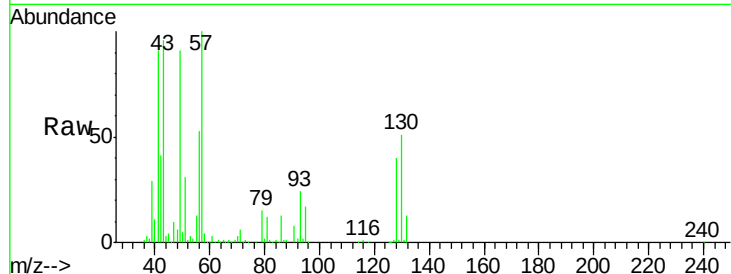
Tgt Ion: 43 Resp: 6583  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 5.6 8.4#  
 42 66.4 7.0 10.4#  
 44 33.3 3.9 5.9#





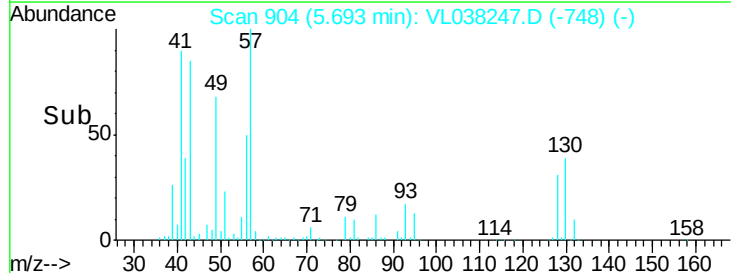
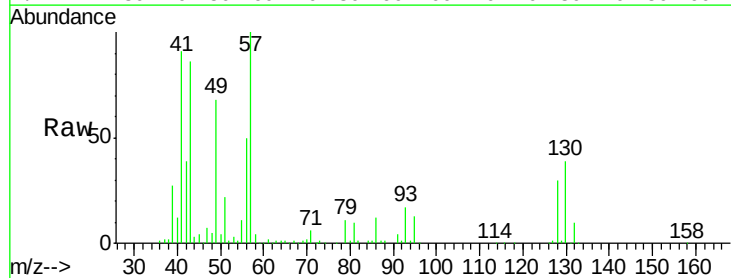
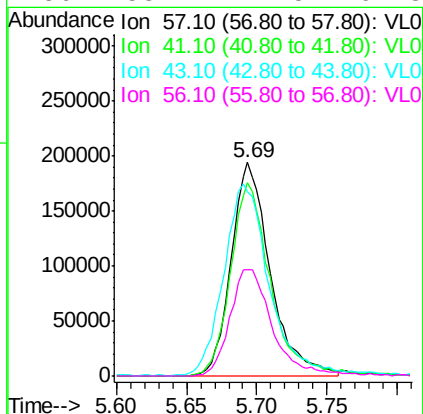
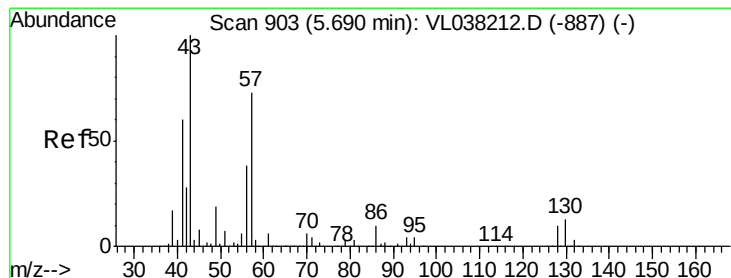
#25  
Ethyl Acetate  
Concen: 2.168 ppbv  
RT: 5.69 min  
Delta R.T.: 0.00 min  
Lab File: VL038212.D  
Acq: 30 Dec 2021 00:33

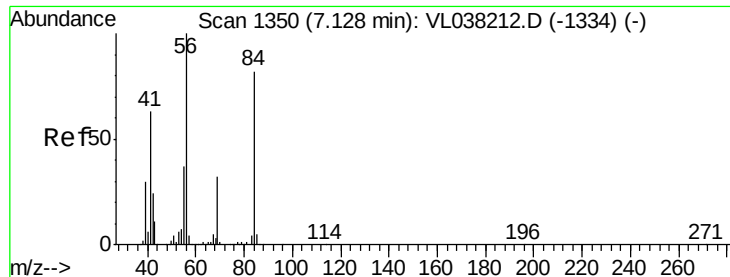
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 390351 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 45       | 5.5   | 7.9   | 11.9#  |
| 61       | 4.0   | 8.1   | 12.1#  |
| 70       | 3.6   | 5.5   | 8.3#   |



#26  
Hexane  
Concen: 4.163 ppbv  
RT: 5.69 min Scan# 904  
Delta R.T.: 0.00 min  
Lab File: VL038247.D  
Acq: 30 Dec 2021 00:33

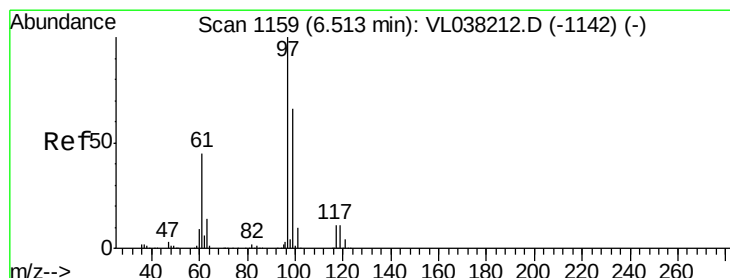
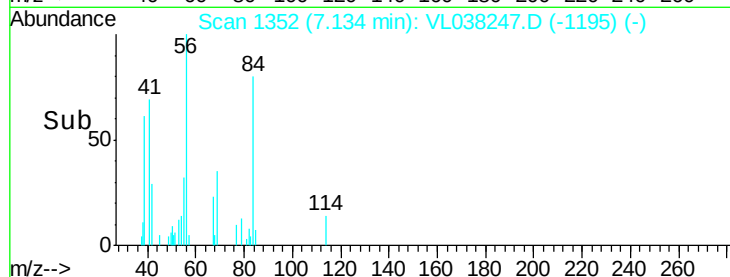
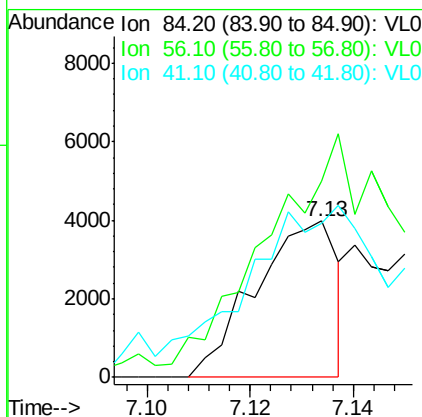
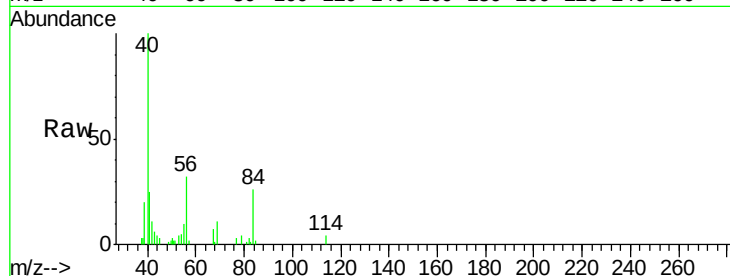
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 57    | Resp: | 376080 |
| Ion      | Ratio | Lower | Upper  |
| 57       | 100   |       |        |
| 41       | 94.1  | 69.0  | 103.6  |
| 43       | 104.9 | 171.2 | 256.8# |
| 56       | 55.1  | 41.5  | 62.3   |





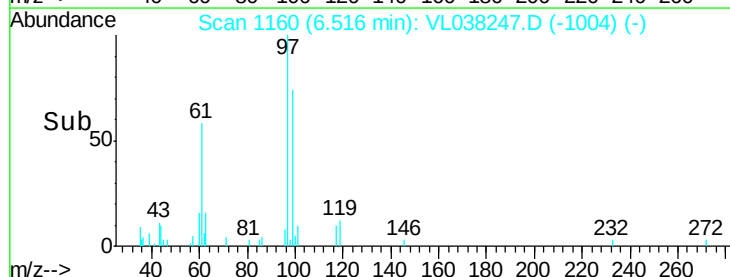
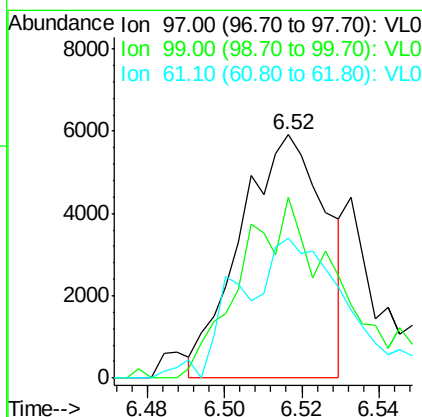
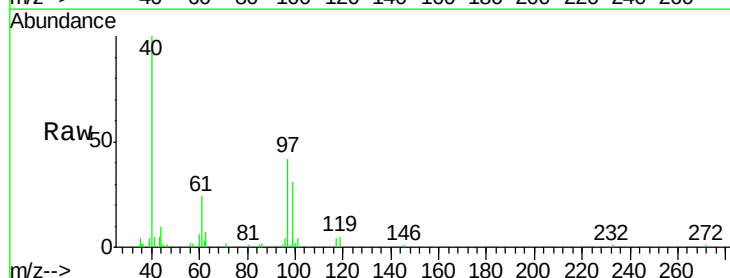
#30  
Cyclohexane  
Concen: 0.055 ppbv  
RT: 7.13  
Delta R.T. MSVOA\_1  
Lab File: ClientSampleId :  
Acq: 30 Dec 2021 00:33

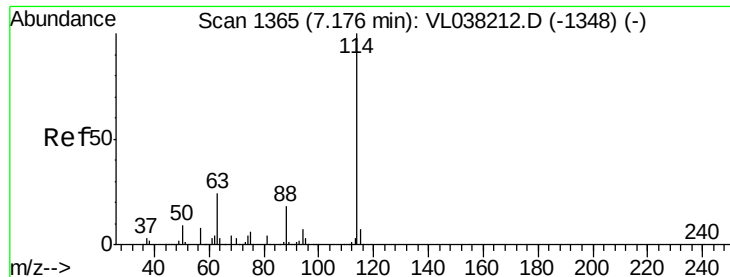
Tgt Ion: 84 Resp: 4371  
Ion Ratio Lower Upper  
84 100  
56 0.0 105.2 157.8#  
41 227.2 63.2 94.8#



#32  
1,1,1-Trichloroethane  
Concen: 0.068 ppbv  
RT: 6.52 min Scan# 1160  
Delta R.T. 0.00 min  
Lab File: VL038247.D  
Acq: 30 Dec 2021 00:33

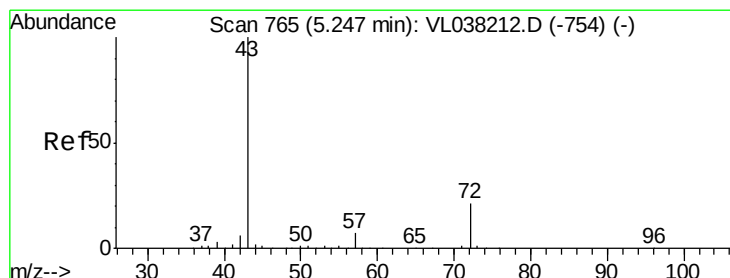
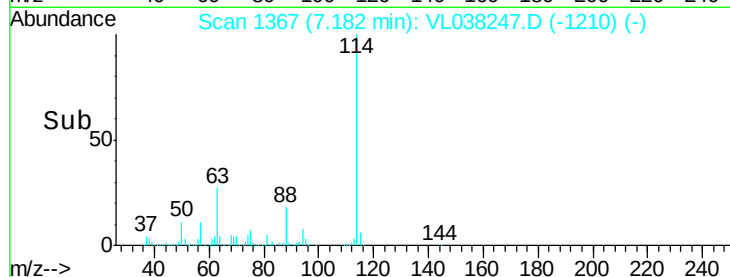
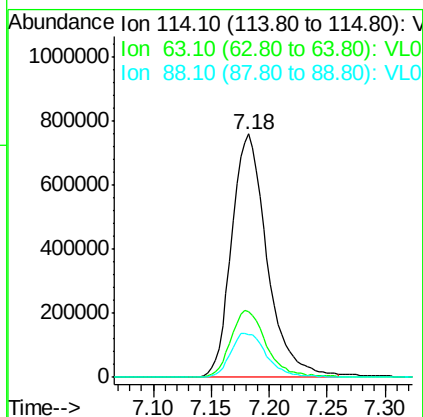
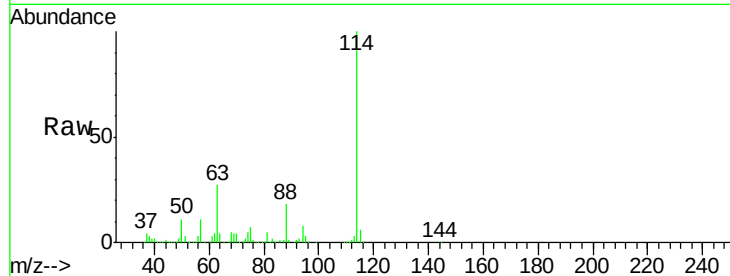
Tgt Ion: 97 Resp: 9036  
Ion Ratio Lower Upper  
97 100  
99 88.4 52.4 78.6#  
61 74.6 37.2 55.8#





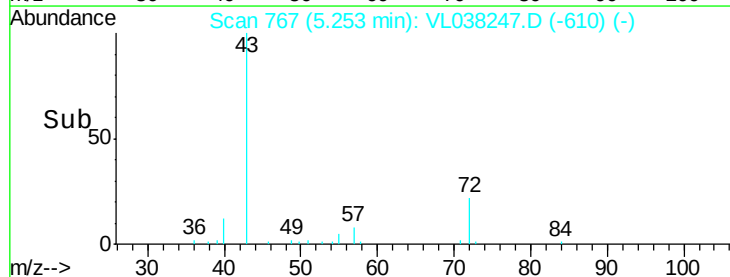
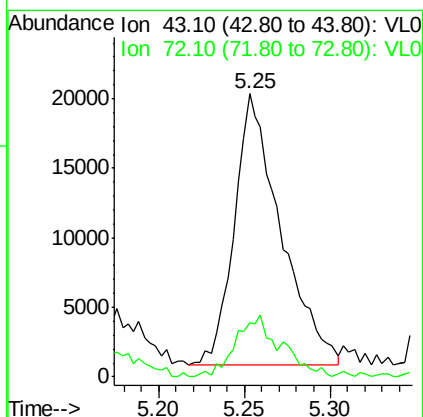
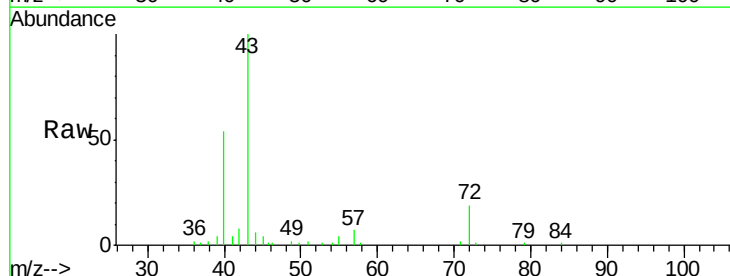
#33  
 1,4-Difluorobenzene  
 Concen: 10.000 ppbv  
 RT: 7.18  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 Acq: 30 Dec 2021 00:33

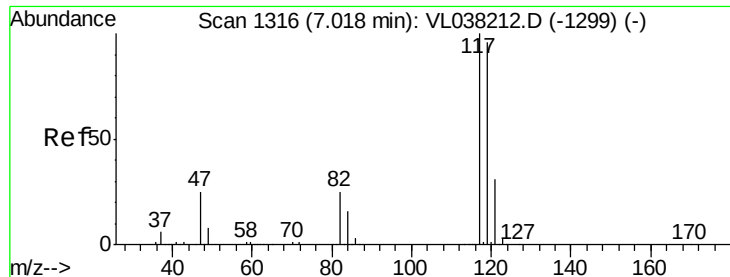
Tgt Ion: 114 Resp: 1612436  
 Ion Ratio Lower Upper  
 114 100  
 63 27.9 19.7 29.5  
 88 18.8 14.3 21.5



#34  
 2-Butanone  
 Concen: 0.753 ppbv  
 RT: 5.25 min Scan# 767  
 Delta R.T. 0.01 min  
 Lab File: VL038247.D  
 Acq: 30 Dec 2021 00:33

Tgt Ion: 43 Resp: 36488  
 Ion Ratio Lower Upper  
 43 100  
 72 22.1 18.3 27.5





#35

Carbon Tetrachloride

Concen: 0.091 ppbv

RT: 7.02 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 30 Dec 2021 00:33

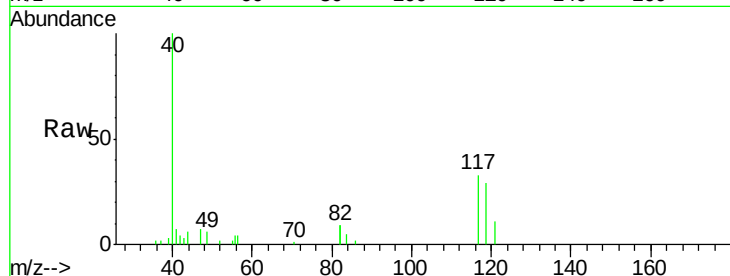
Tgt Ion: 117 Resp: 9049

Ion Ratio Lower Upper

117 100

119 86.4 76.7 115.1

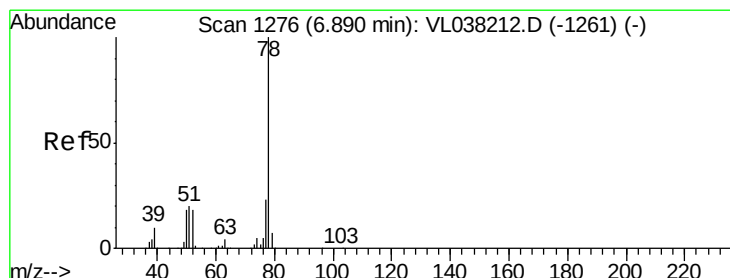
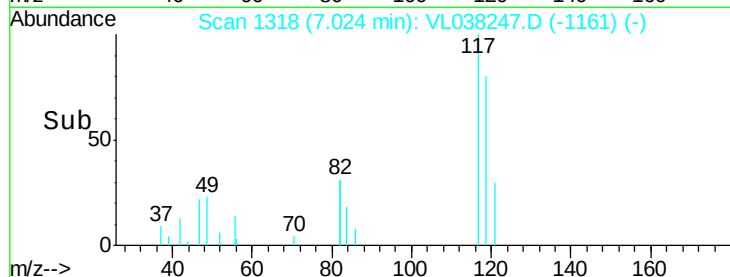
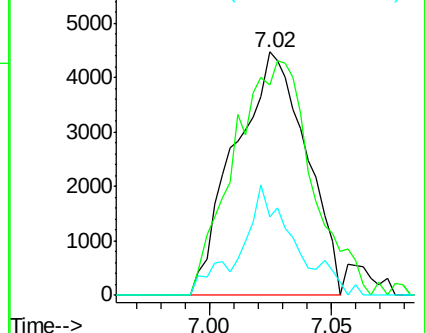
121 32.5 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.191 ppbv

RT: 6.89 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VL038247.D

Acq: 30 Dec 2021 00:33

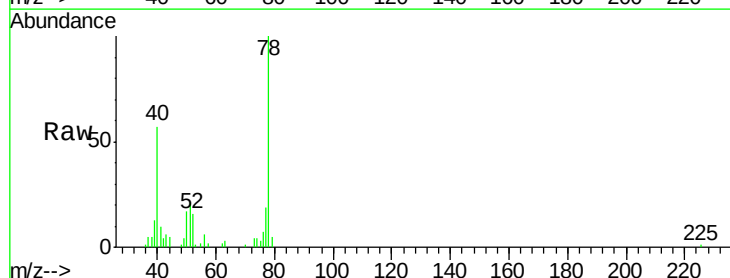
Tgt Ion: 78 Resp: 28697

Ion Ratio Lower Upper

78 100

77 18.0 18.2 27.4#

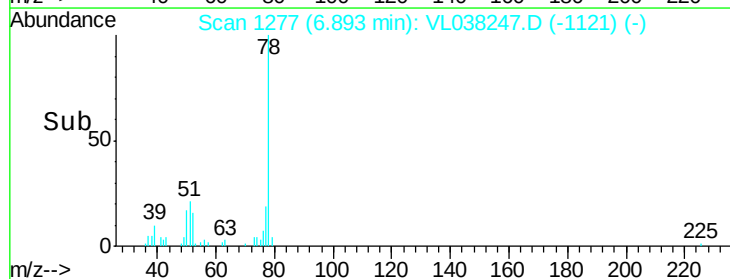
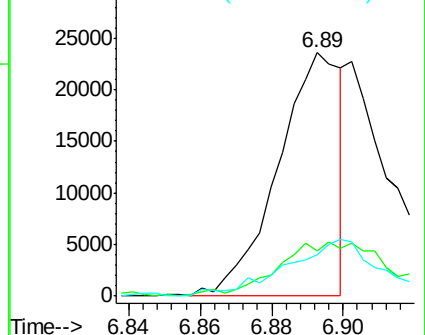
50 16.8 14.3 21.5

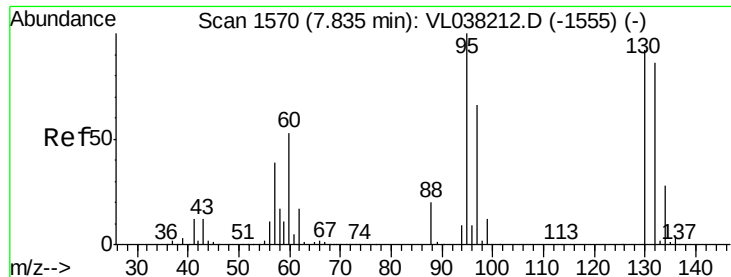


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#38

Trichloroethene

Concen: 5.966 ppbv

RT: 7.84 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 30 Dec 2021 00:33

Tgt Ion: 130 Resp: 341481

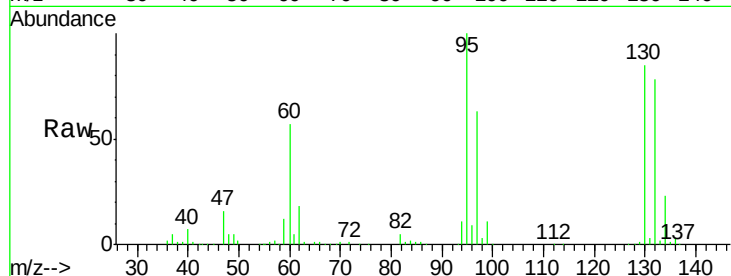
Ion Ratio Lower Upper

130 100

95 117.5 87.0 130.4

132 91.2 75.1 112.7

97 74.3 57.0 85.4

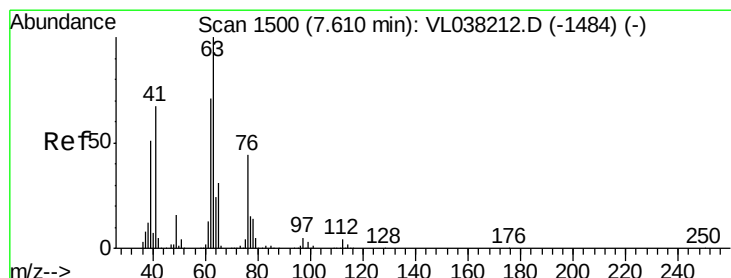
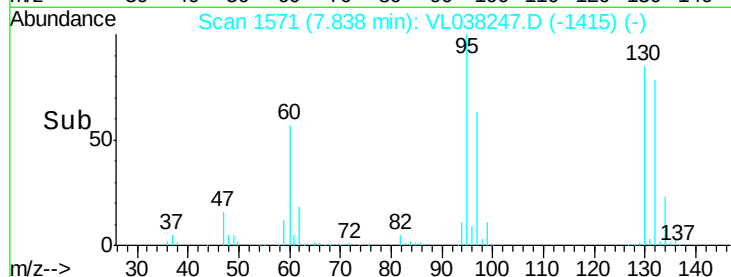
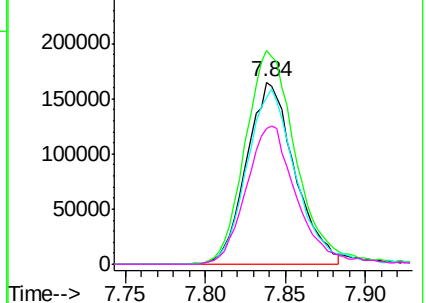


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39

1,2-Dichloropropane

Concen: 7.707 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.43 min

Lab File: VL038247.D

Acq: 30 Dec 2021 00:33

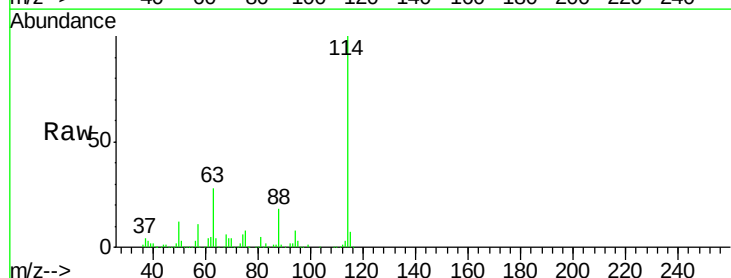
Tgt Ion: 63 Resp: 446155

Ion Ratio Lower Upper

63 100

41 0.0 53.4 80.2#

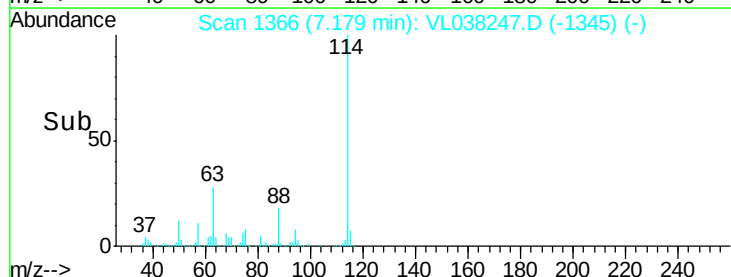
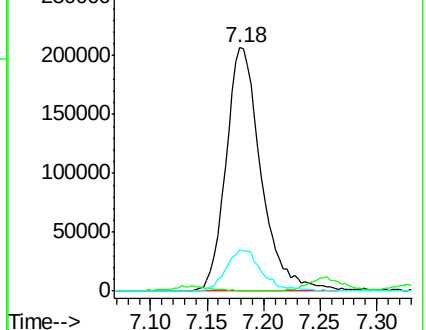
62 17.2 56.5 84.7#

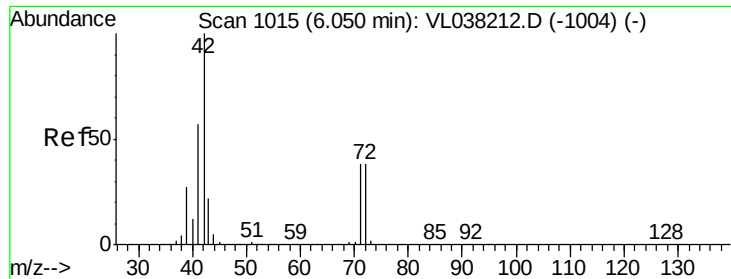


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#41

Tetrahydrofuran

Concen: 0.045 ppbv

RT: 6.06 Instrument: MSVOA\_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 30 Dec 2021 00:33

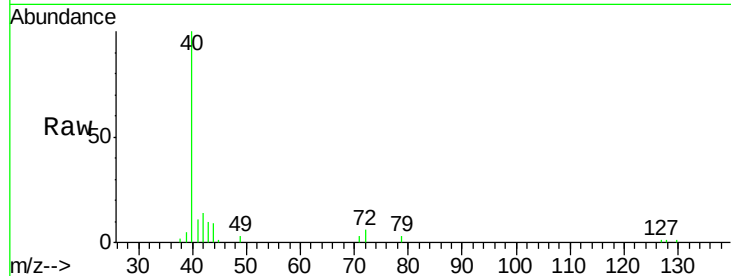
Tgt Ion: 42 Resp: 1599

Ion Ratio Lower Upper

42 100

72 61.7 31.4 47.0#

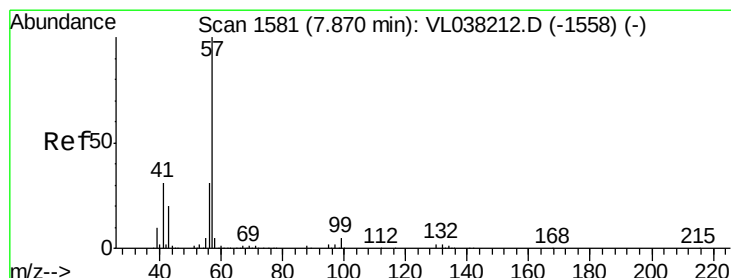
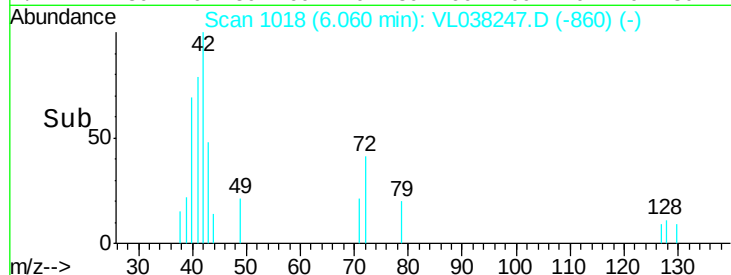
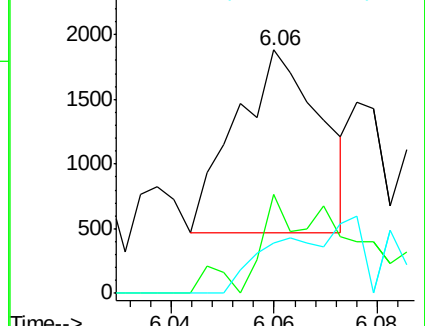
71 58.0 30.0 45.0#



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



#44

2,2,4-Trimethylpentane

Concen: 0.527 ppbv

RT: 7.87 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VL038247.D

Acq: 30 Dec 2021 00:33

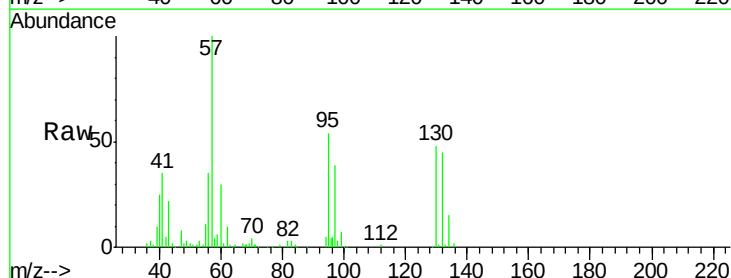
Tgt Ion: 57 Resp: 134566

Ion Ratio Lower Upper

57 100

41 42.3 24.9 37.3#

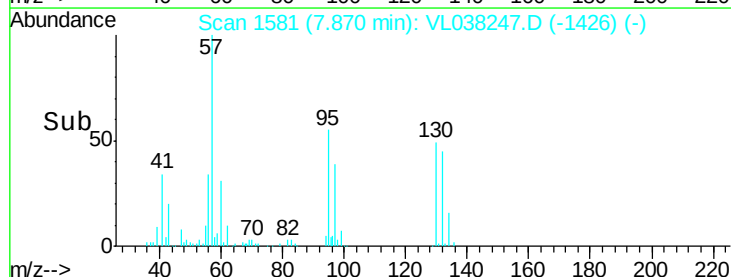
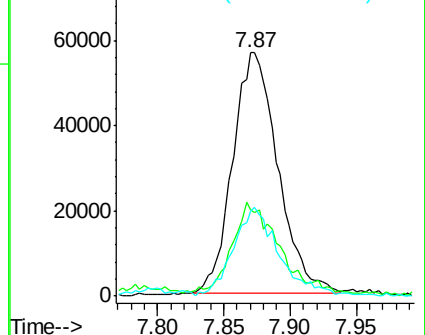
56 38.5 24.8 37.2#



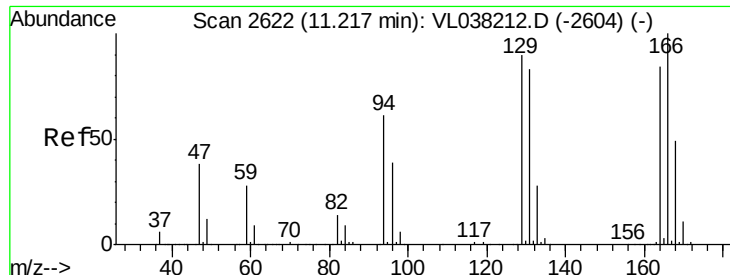
Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0







#52

Tetrachloroethene

Concen: 2.752 ppbv

RT: 11.23

Delta R.T. MSVOA\_L

Lab File: ClientSampleId :

Acq: 30 Dec 2021 00:33

Tgt Ion: 164 Resp: 152796

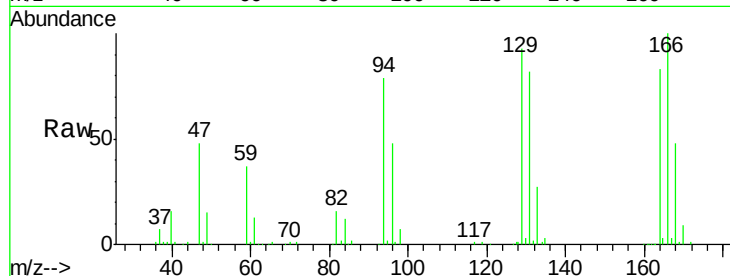
Ion Ratio Lower Upper

164 100

166 119.8 95.6 143.4

129 110.9 85.8 128.8

131 97.7 79.3 118.9

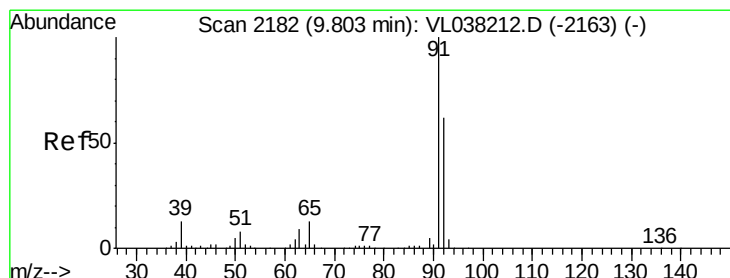
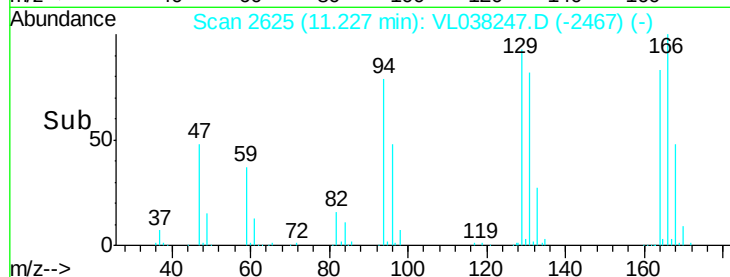
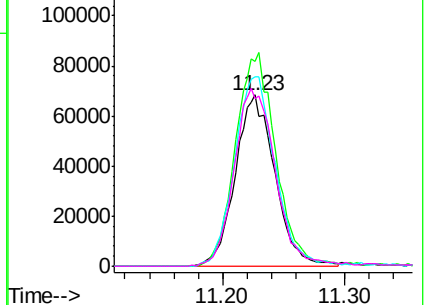


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.923 ppbv

RT: 9.81 min Scan# 2184

Delta R.T. 0.01 min

Lab File: VL038247.D

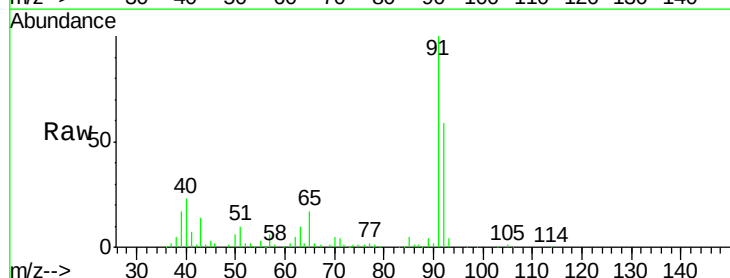
Acq: 30 Dec 2021 00:33

Tgt Ion: 91 Resp: 160097

Ion Ratio Lower Upper

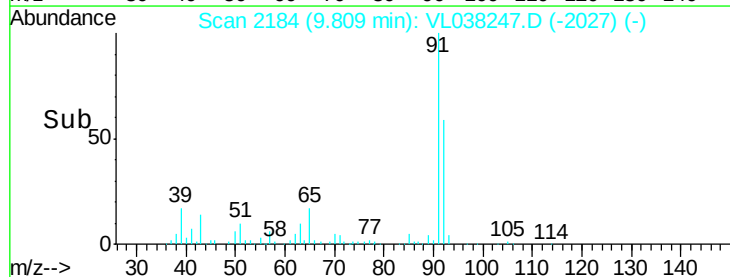
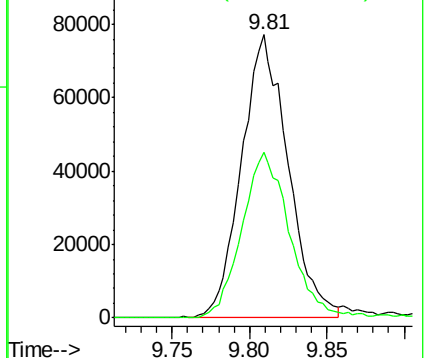
91 100

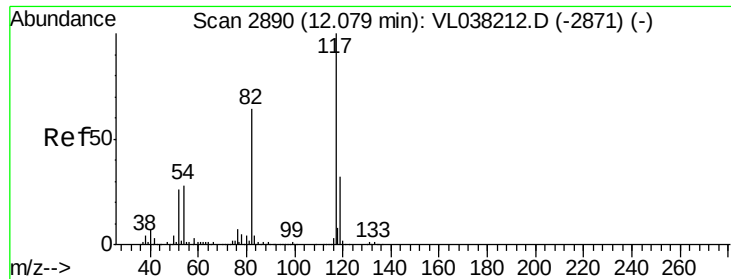
92 61.4 48.9 73.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

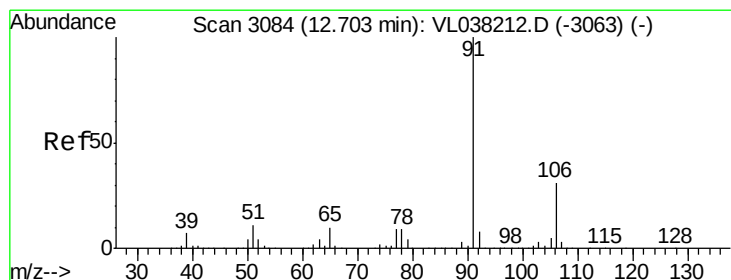
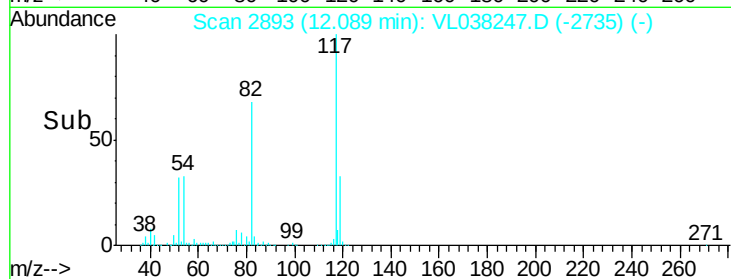
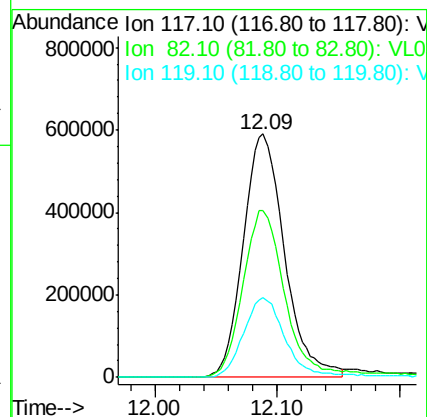
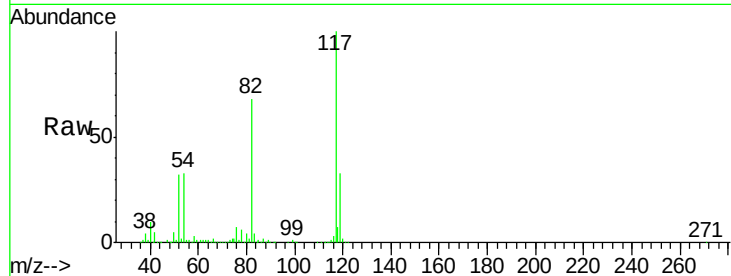




#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 12.09 min  
Instrument: MSVOA\_1  
Delta R.T.:  
Lab File: ClientSampleId :  
Acq: 30 Dec 2021 00:33

Tgt Ion: 117 Resp: 1382340

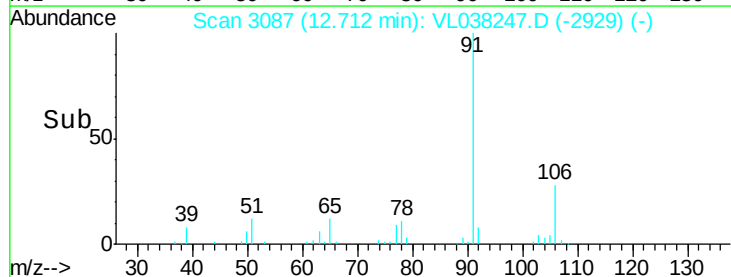
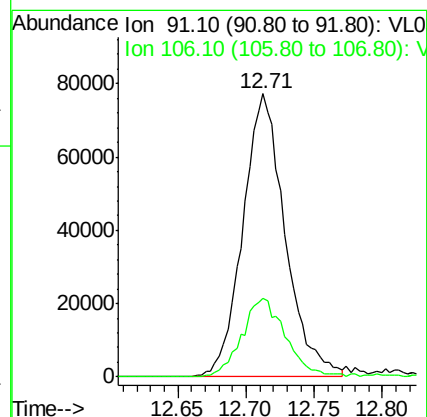
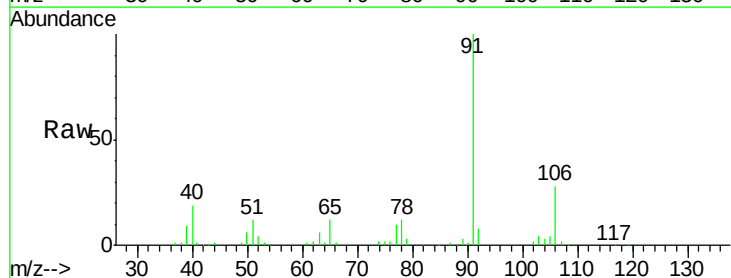
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 74.3  | 53.3  | 79.9  |
| 119 | 34.1  | 25.5  | 38.3  |

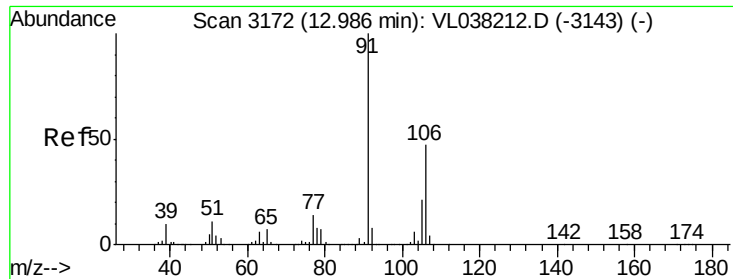


#58  
Ethyl Benzene  
Concen: 0.775 ppbv  
RT: 12.71 min Scan# 3087  
Delta R.T.: 0.01 min  
Lab File: VL038247.D  
Acq: 30 Dec 2021 00:33

Tgt Ion: 91 Resp: 166249

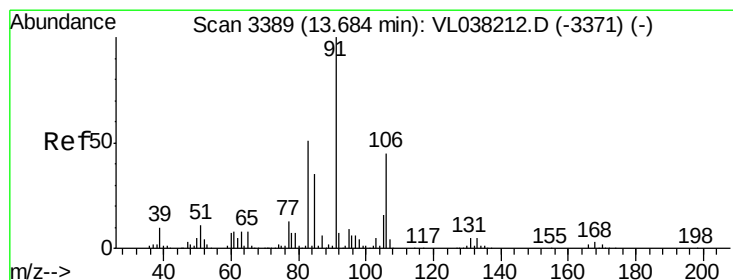
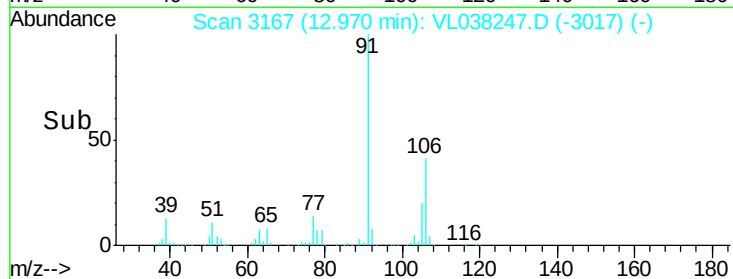
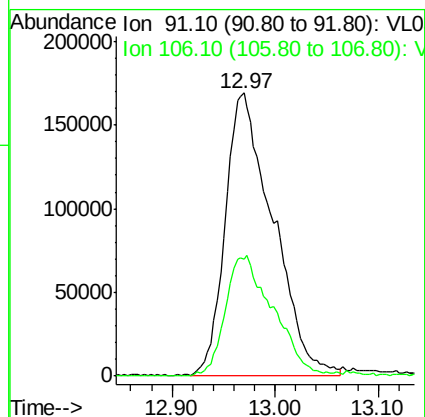
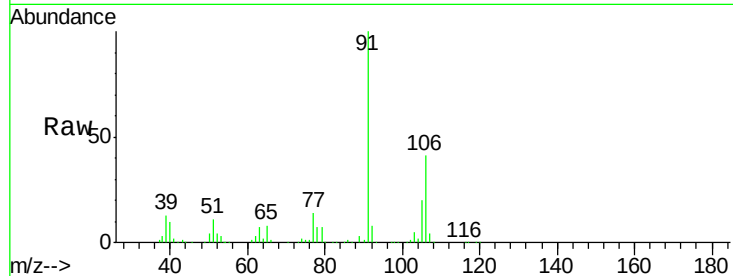
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 106 | 27.8  | 25.0  | 37.4  |





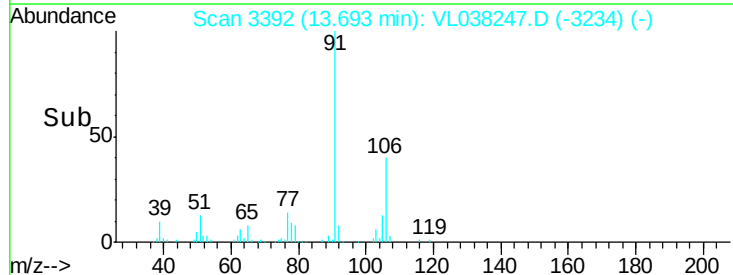
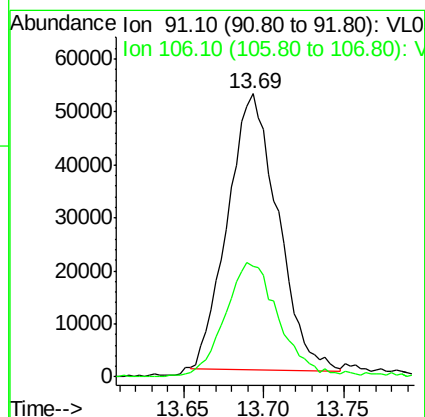
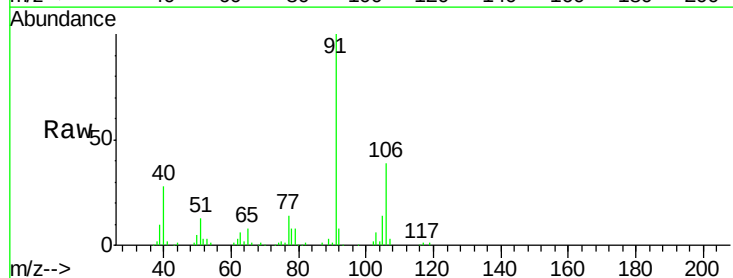
#59  
m/p-Xylene  
Concen: 2.938 ppbv  
RT: 12.97 min  
Instrument: MSVOA\_1  
Delta R.T.: 0.01 min  
Lab File: ClientSampleId :  
Acq: 30 Dec 2021 00:33

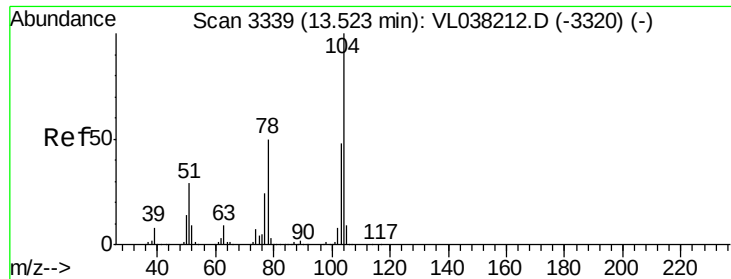
Tgt Ion: 91 Resp: 538822  
Ion Ratio Lower Upper  
91 100  
106 43.4 36.9 55.3



#60  
o-Xylene  
Concen: 0.658 ppbv  
RT: 13.69 min Scan# 3392  
Delta R.T.: 0.01 min  
Lab File: VL038247.D  
Acq: 30 Dec 2021 00:33

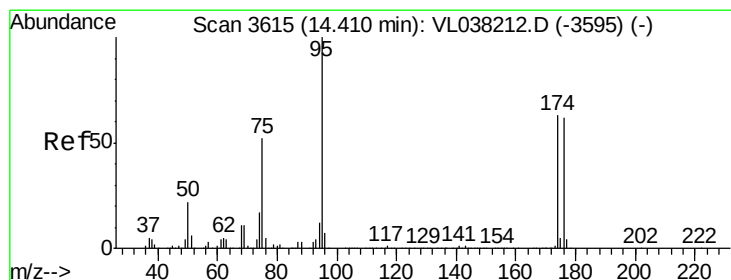
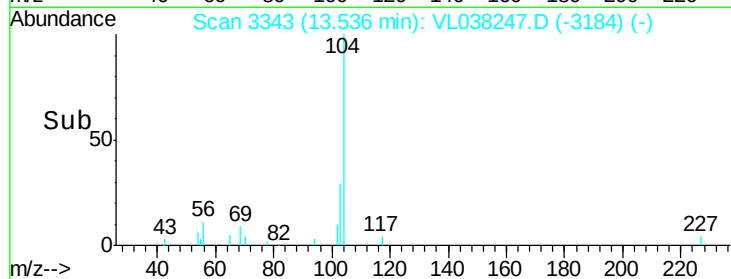
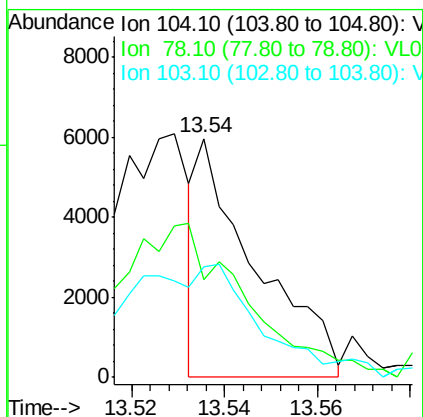
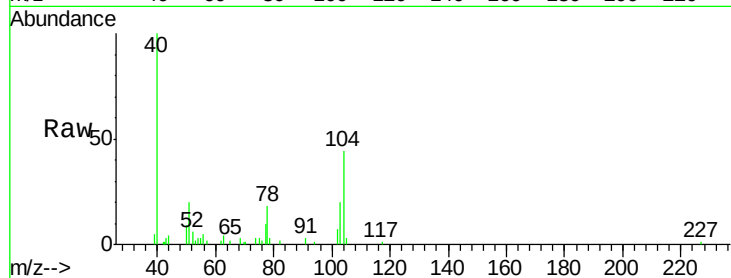
Tgt Ion: 91 Resp: 111794  
Ion Ratio Lower Upper  
91 100  
106 46.1 23.5 70.5





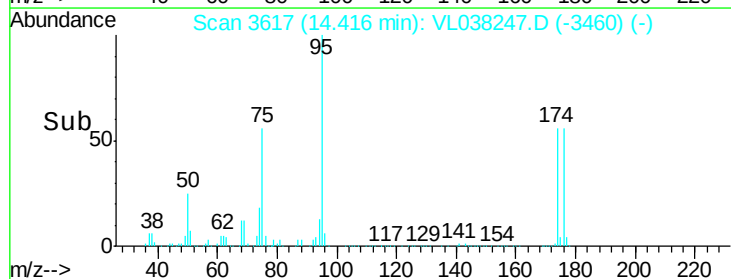
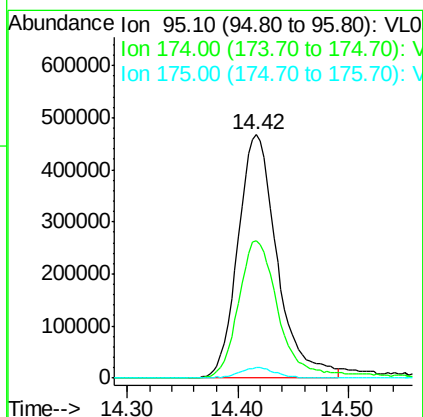
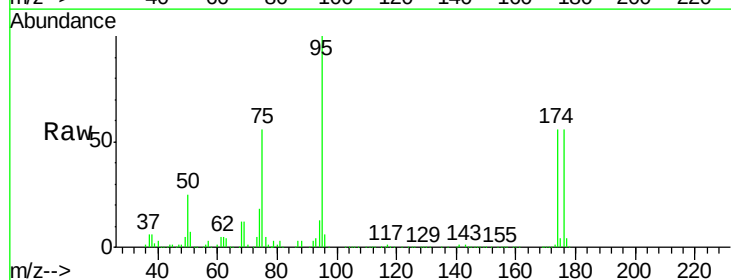
#61  
 Styrene  
 Concen: 0.060 ppbv  
 RT: 13.54 min  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 Acq: 30 Dec 2021 00:33

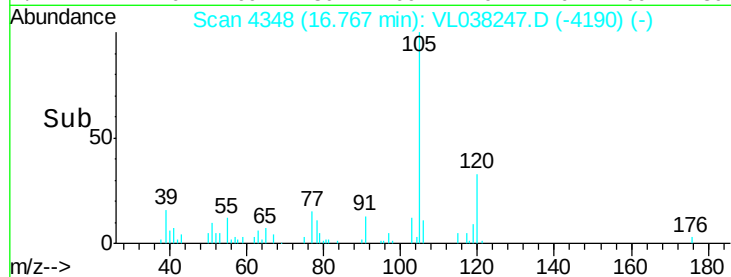
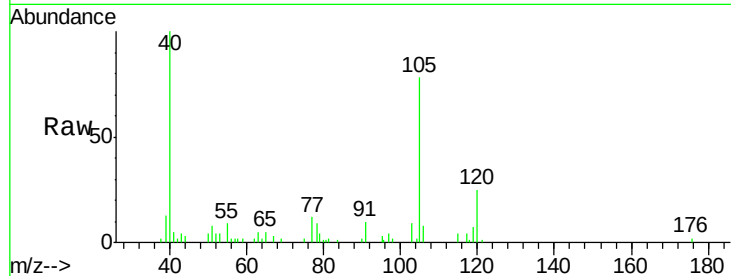
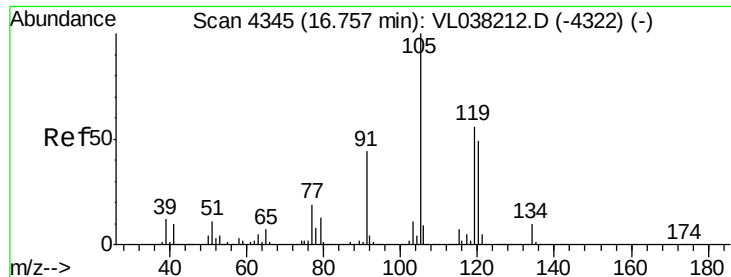
Tgt Ion: 104 Resp: 5201  
 Ion Ratio Lower Upper  
 104 100  
 78 157.0 41.0 61.6#  
 103 123.8 38.0 57.0#



#68  
 1-Bromo-4-Fluorobenzene  
 Concen: 10.835 ppbv  
 RT: 14.42 min Scan# 3617  
 Delta R.T. 0.01 min  
 Lab File: VL038247.D  
 Acq: 30 Dec 2021 00:33

Tgt Ion: 95 Resp: 1154192  
 Ion Ratio Lower Upper  
 95 100  
 174 60.2 54.6 81.8  
 175 4.4 4.1 6.1





#74  
 1,2,4-Trimethylbenzene  
 Concen: 0.108 ppbv  
 RT: 16.77  
 Delta R.T: MSVOA\_L  
 Lab File: ClientSampleId :  
 Acq: 30 Dec 2021 00:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 19906 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 34.0  | 39.4  | 59.2# |
| 91        | 11.5  | 35.0  | 52.4# |
| 77        | 15.6  | 15.6  | 23.4# |

