

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_L\DATA\VL031722\  
 Data File : VL038641.D  
 Acq On : 18 Mar 2022 1:04  
 Operator : SY/AP  
 Sample : N1965-11  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 C0PA8

Quant Time: Mar 18 03:40:45 2022  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL030822AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue Mar 08 21:18:44 2022  
 QLast Update : Tue Mar 08 21:18:44 2022  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.67  | 49   | 879753   | 10.00 | ppbv  | 0.01     |
| 33) 1,4-Difluorobenzene | 7.18  | 114  | 2171438  | 10.00 | ppbv  | 0.02     |
| 55) Chlorobenzene-d5    | 12.09 | 117  | 1977268  | 10.00 | ppbv  | 0.01     |

System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.42  | 95    | 1397746  | 9.30     | ppbv | 0.02   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 93.00% |

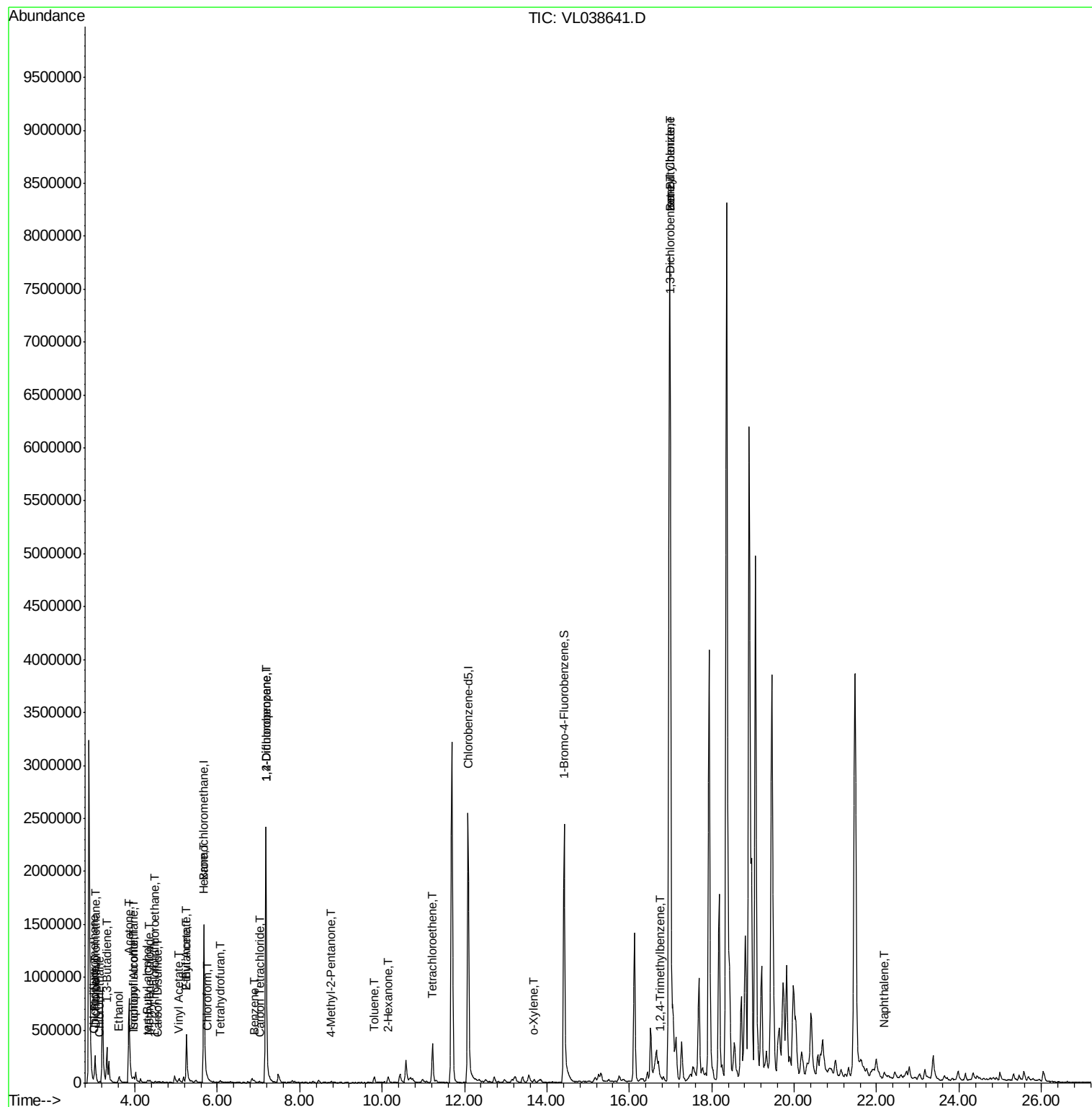
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|--------------------------------|-------|------|----------|-------|--------|--------|
| 2) Dichlorodifluoromethane     | 3.06  | 85   | 27789    | 0.21  | ppbv   | 97     |
| 3) Chlorodifluoromethane       | 3.00  | 51   | 32435    | 0.21  | ppbv   | 94     |
| 4) Chloromethane               | 3.15  | 50   | 8146     | 0.14  | ppbv   | 98     |
| 9) Propene                     | 3.03  | 41   | 87490    | 1.60  | ppbv # | 79     |
| 11) Trichlorofluoromethane     | 3.96  | 101  | 22860    | 0.20  | ppbv   | 99     |
| 12) 1,1,2-Trichlorotrifluoroet | 4.49  | 101  | 3426     | 0.04  | ppbv # | 10     |
| 13) Ethanol                    | 3.61  | 45   | 83602    | 13.30 | ppbv   | 98     |
| 15) Acetone                    | 3.85  | 43   | 1089969  | 17.56 | ppbv # | 88     |
| 16) 1,3-Butadiene              | 3.32  | 39   | 84391    | 1.69  | ppbv # | 19     |
| 17) tert-Butyl alcohol         | 4.30  | 59   | 17519    | 0.26  | ppbv # | 89     |
| 19) Isopropyl Alcohol          | 3.98  | 45   | 33926    | 0.82  | ppbv # | 92     |
| 20) Methylene Chloride         | 4.36  | 84   | 5180     | 0.14  | ppbv   | 94     |
| 23) Vinyl Acetate              | 5.07  | 43   | 34413    | 0.39  | ppbv # | 81     |
| 25) Ethyl Acetate              | 5.25  | 43   | 648569   | 3.10  | ppbv # | 76     |
| 26) Hexane                     | 5.69  | 57   | 4794     | 0.05  | ppbv # | 1      |
| 27) Carbon Disulfide           | 4.56  | 76   | 7163     | 0.07  | ppbv # | 64     |
| 29) Chloroform                 | 5.75  | 83   | 14059    | 0.09  | ppbv   | 92     |
| 34) 2-Butanone                 | 5.25  | 43   | 648569   | 11.52 | ppbv   | 95     |
| 35) Carbon Tetrachloride       | 7.02  | 117  | 3455     | 0.02  | ppbv   | 87     |
| 36) Benzene                    | 6.89  | 78   | 16927    | 0.09  | ppbv # | 91     |
| 39) 1,2-Dichloropropane        | 7.18  | 63   | 503813   | 6.69  | ppbv # | 26     |
| 41) Tetrahydrofuran            | 6.07  | 42   | 6241     | 0.14  | ppbv # | 66     |
| 50) 4-Methyl-2-Pentanone       | 8.76  | 43   | 3361     | 0.03  | ppbv # | 7      |
| 51) 2-Hexanone                 | 10.15 | 43   | 51848    | 1.06  | ppbv # | 99     |
| 52) Tetrachloroethene          | 11.22 | 164  | 104313   | 1.45  | ppbv   | 95     |
| 53) Toluene                    | 9.81  | 91   | 19035    | 0.09  | ppbv # | 1      |
| 60) o-Xylene                   | 13.69 | 91   | 10815    | 0.05  | ppbv   | 100    |
| 65) tert-Butylbenzene          | 16.98 | 119  | 146909   | 0.58  | ppbv # | 23     |
| 66) Benzyl Chloride            | 16.99 | 91   | 382      | 0.03  | ppbv # | 1      |
| 74) 1,2,4-Trimethylbenzene     | 16.76 | 105  | 18608    | 0.08  | ppbv # | 76     |
| 75) 1,3-Dichlorobenzene        | 17.00 | 146  | 23668    | 0.16  | ppbv # | 1      |
| 79) Naphthalene                | 22.20 | 128  | 5458     | 0.03  | ppbv # | 86     |

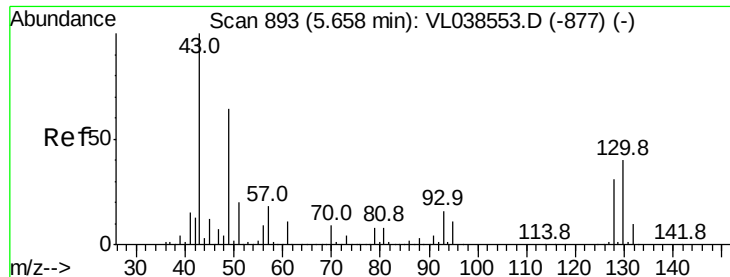
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_L\DATA\VL031722\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_L\METHODS\VL030822AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue Mar 08 21:18:44 2022  
QLast Update : Tue Mar 08 21:18:44 2022  
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 18 Mar 2022 1:04

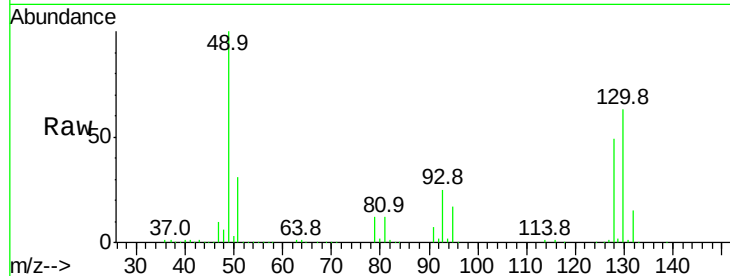
Tgt Ion: 49 Resp: 879753

Ion Ratio Lower Upper

49 100

128 50.0 26.4 79.2

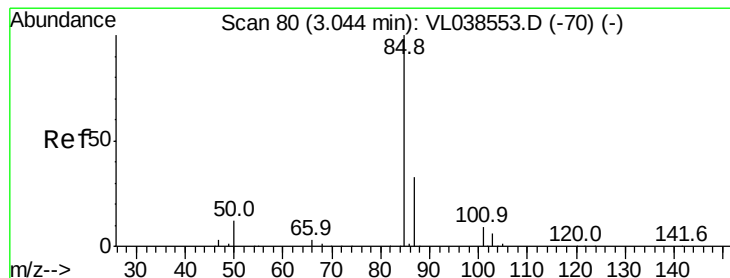
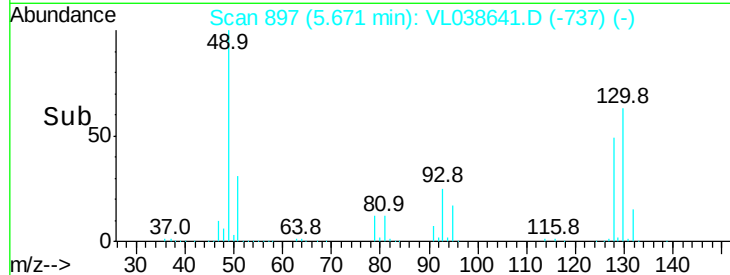
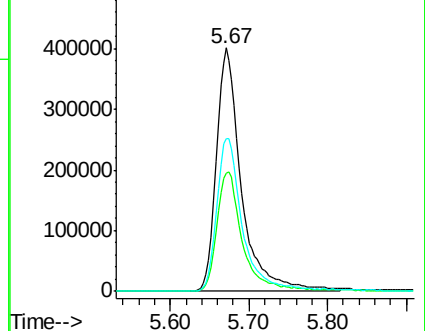
130 66.2 33.0 98.9



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: 0.21 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.02 min

Lab File: VL038641.D

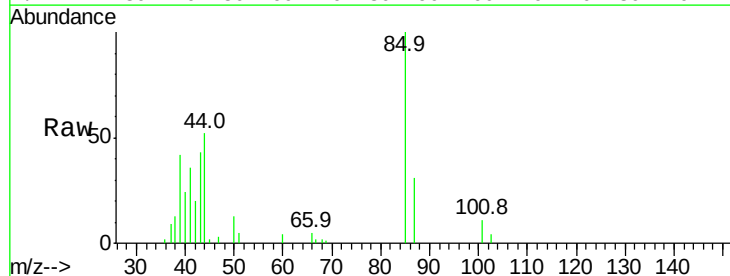
Acq: 18 Mar 2022 1:04

Tgt Ion: 85 Resp: 27789

Ion Ratio Lower Upper

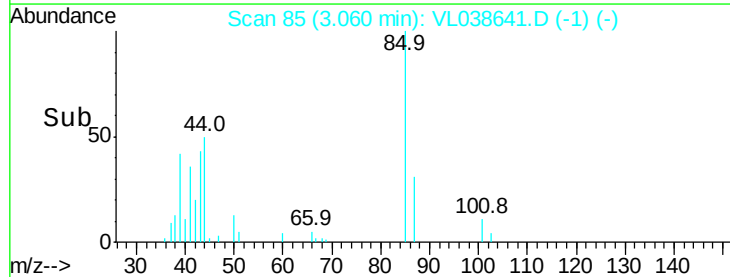
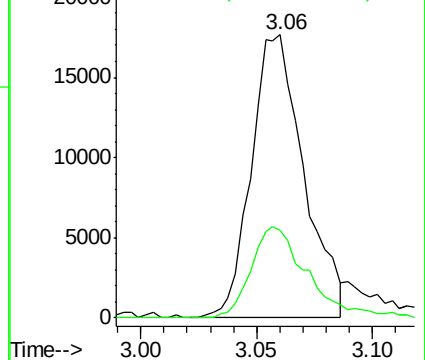
85 100

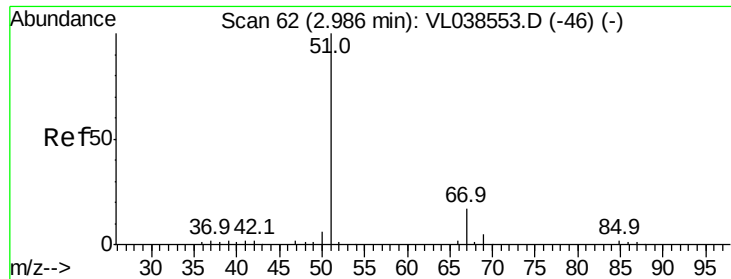
87 30.8 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.21 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

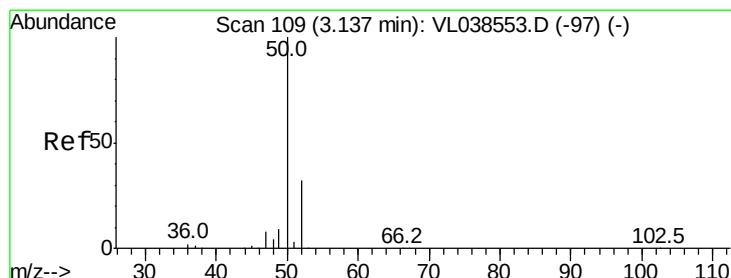
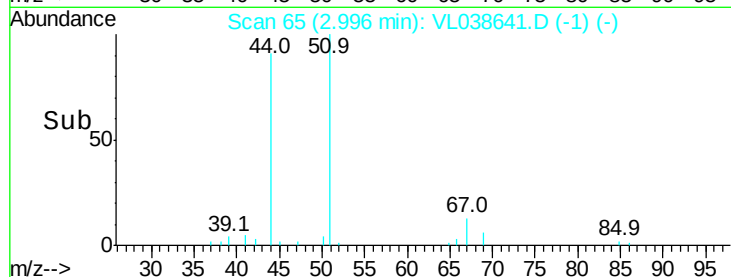
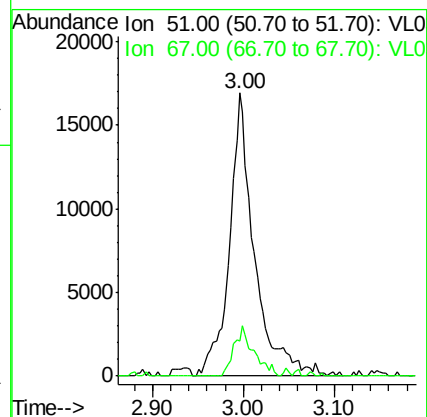
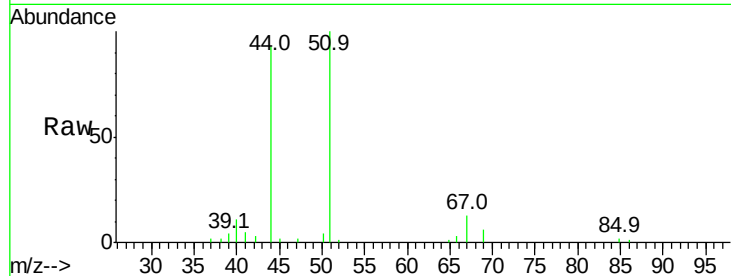
Acq: 18 Mar 2022 1:04

Tgt Ion: 51 Resp: 32435

Ion Ratio Lower Upper

51 100

67 14.5 13.6 20.4



#4

Chloromethane

Concen: 0.14 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL038641.D

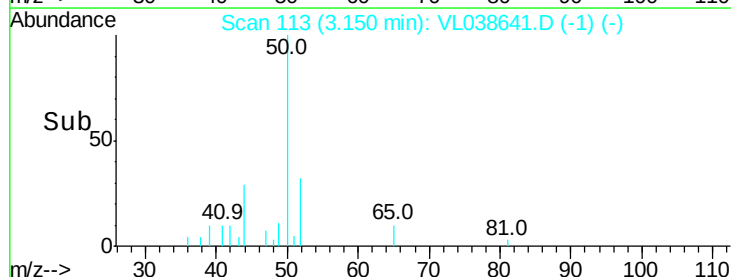
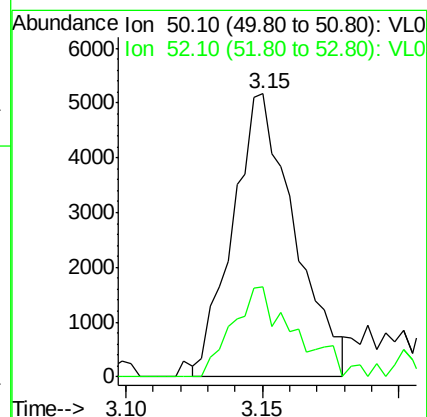
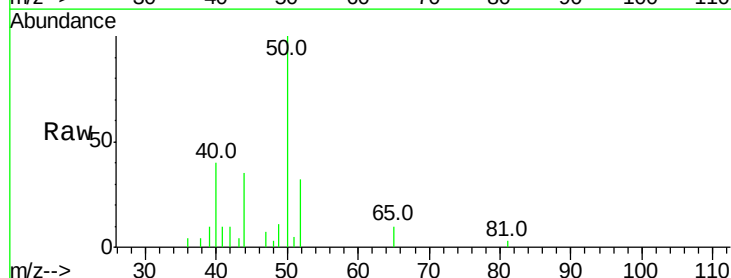
Acq: 18 Mar 2022 1:04

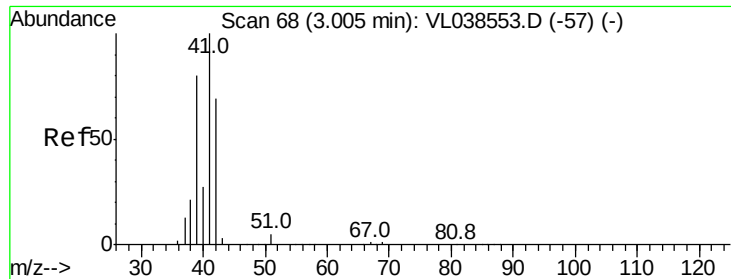
Tgt Ion: 50 Resp: 8146

Ion Ratio Lower Upper

50 100

52 32.9 25.6 38.4





#9

Propene

Concen: 1.60 ppbv

RT: 3.03

Delta R.T.

Lab File:

Acq: 18 Mar 2022

Instrument:

MSVOA\_1

ClientSampleId:

COPA8

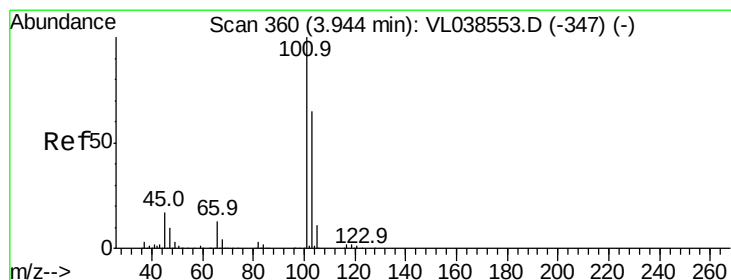
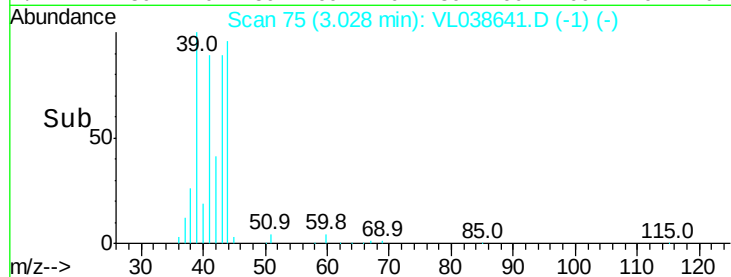
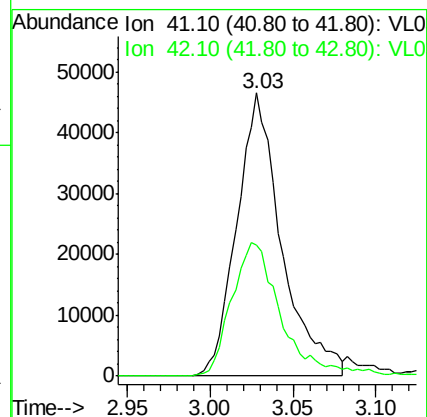
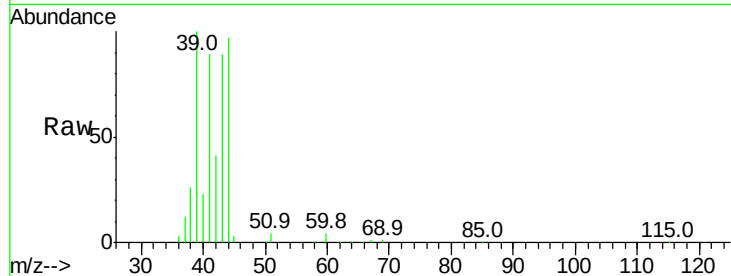
1.04

Tgt Ion: 41 Resp: 87490

Ion Ratio Lower Upper

41 100

42 52.3 55.7 83.5#



#11

Trichlorofluoromethane

Concen: 0.20 ppbv

RT: 3.96 min Scan# 365

Delta R.T. 0.02 min

Lab File: VL038641.D

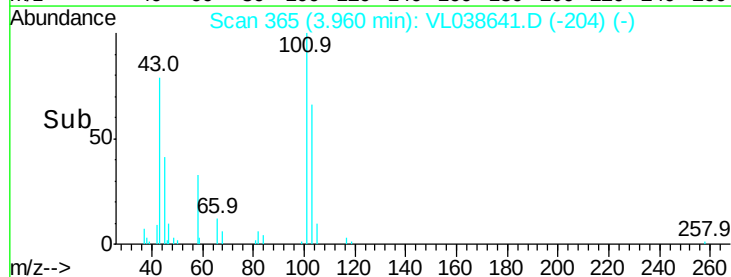
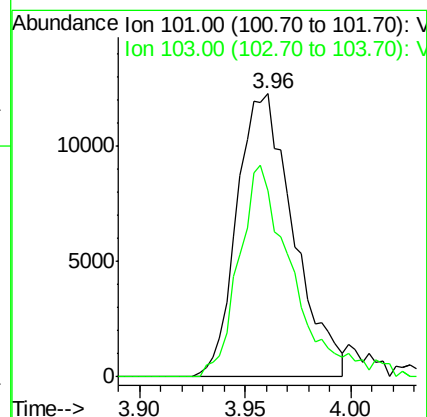
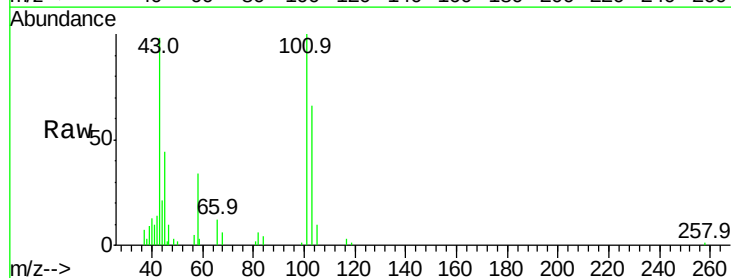
Acq: 18 Mar 2022 1:04

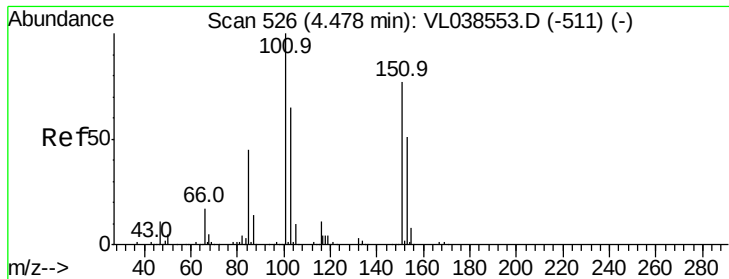
Tgt Ion: 101 Resp: 22860

Ion Ratio Lower Upper

101 100

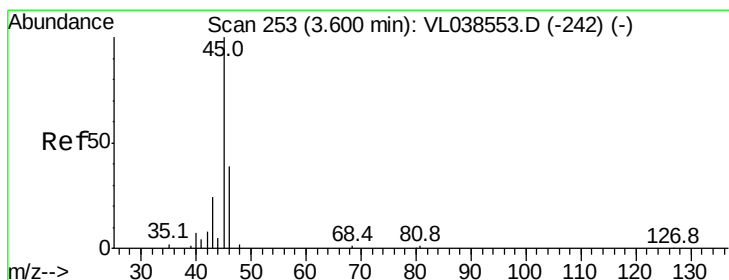
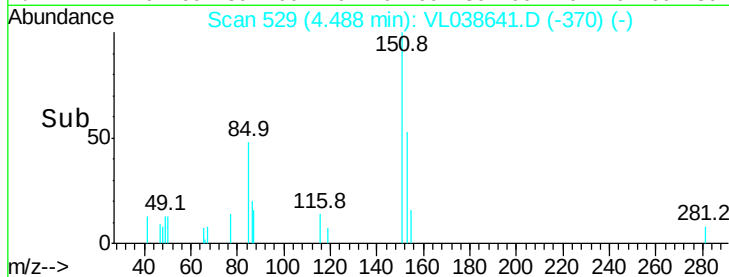
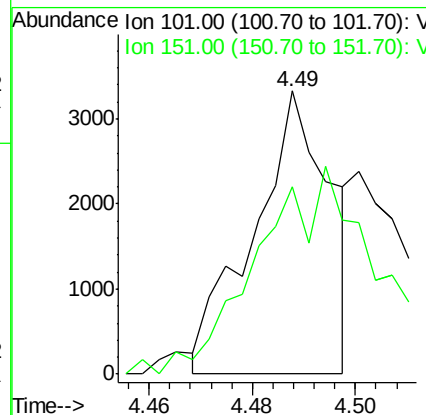
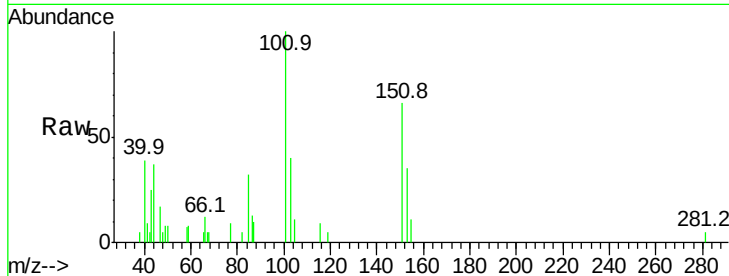
103 66.0 52.0 78.0





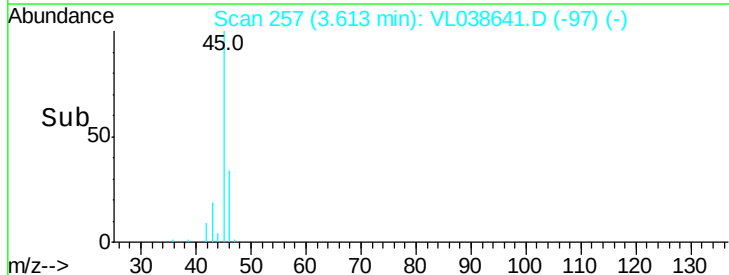
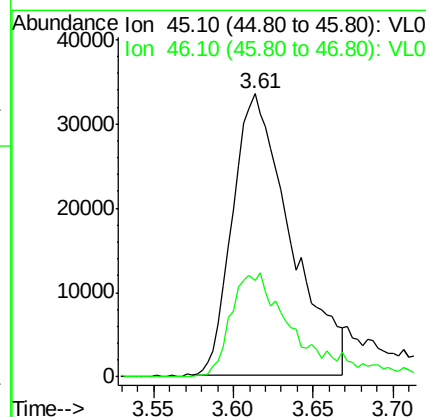
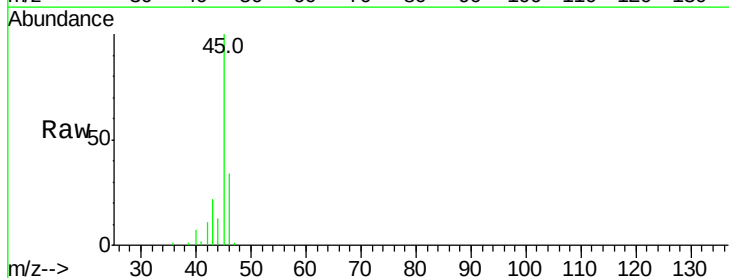
#12  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 0.04 ppbv  
 RT: 4.49  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId:  
 COPA8  
 Acq: 18 Mar 2022 1:04

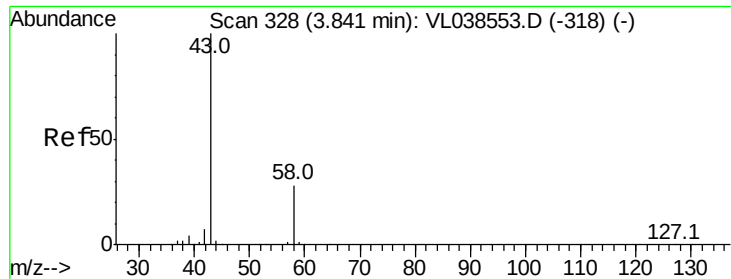
Tgt Ion: 101 Resp: 3426  
 Ion Ratio Lower Upper  
 101 100  
 151 0.0 63.4 95.0#



#13  
 Ethanol  
 Concen: 13.30 ppbv  
 RT: 3.61 min Scan# 257  
 Delta R.T. 0.01 min  
 Lab File: VL038641.D  
 Acq: 18 Mar 2022 1:04

Tgt Ion: 45 Resp: 83602  
 Ion Ratio Lower Upper  
 45 100  
 46 43.2 16.8 67.0





#15

Acetone

Concen: 17.56 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

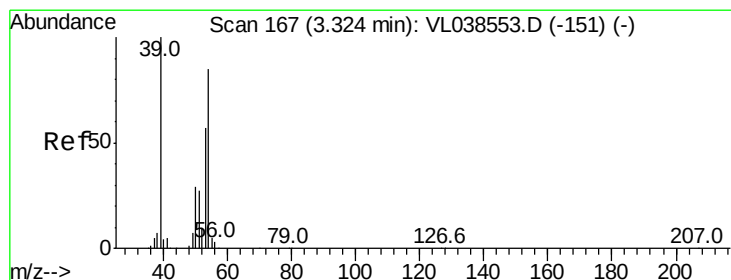
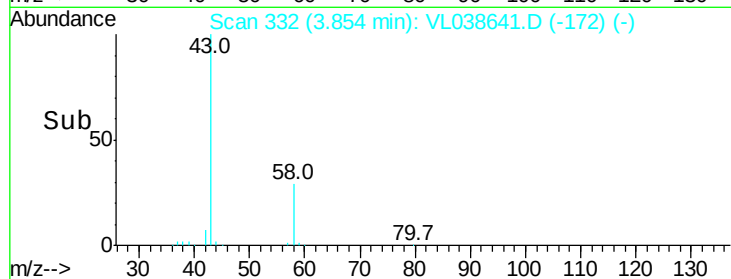
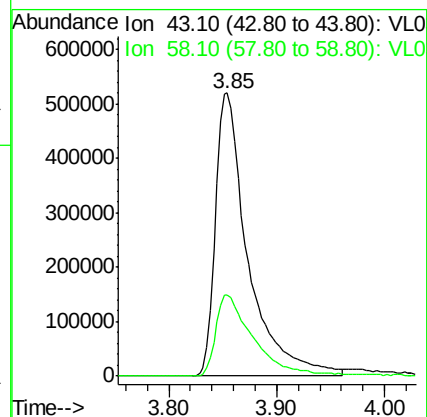
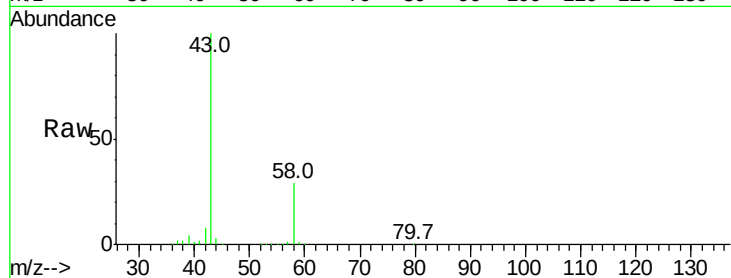
Acq: 18 Mar 2022 1:04

Tgt Ion: 43 Resp: 1089969

Ion Ratio Lower Upper

43 100

58 34.5 22.7 34.1#



#16

1,3-Butadiene

Concen: 1.69 ppbv

RT: 3.32 min Scan# 165

Delta R.T. -0.01 min

Lab File: VL038641.D

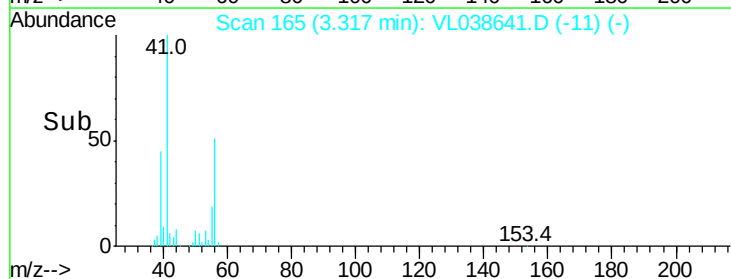
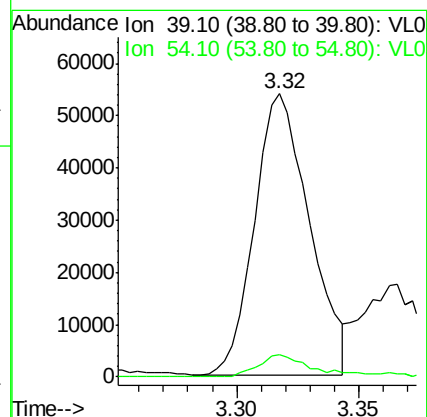
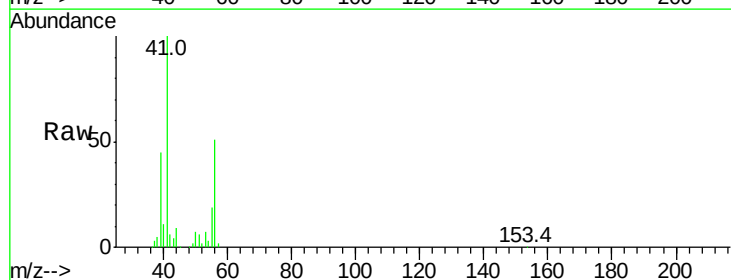
Acq: 18 Mar 2022 1:04

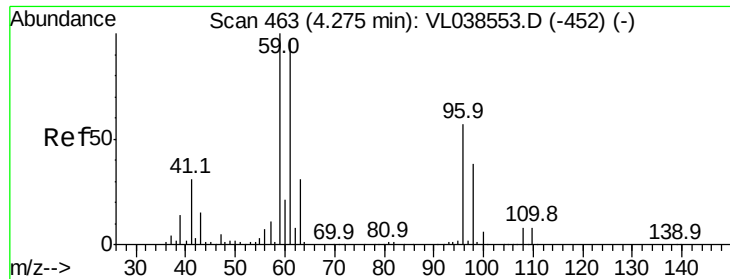
Tgt Ion: 39 Resp: 84391

Ion Ratio Lower Upper

39 100

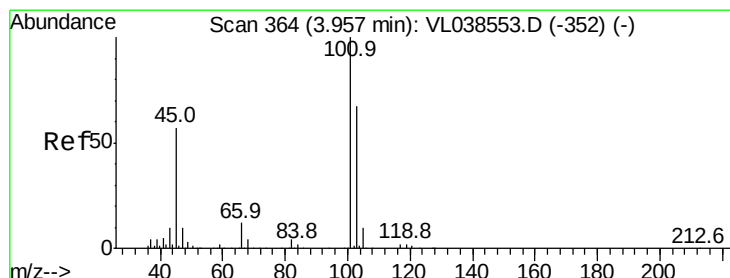
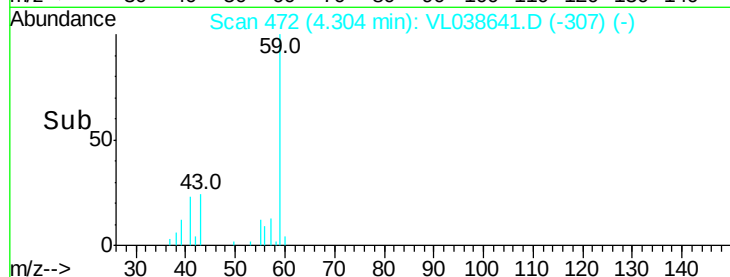
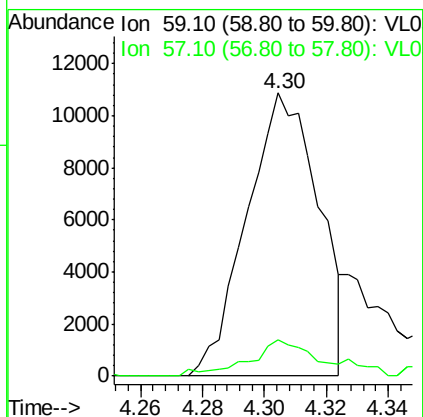
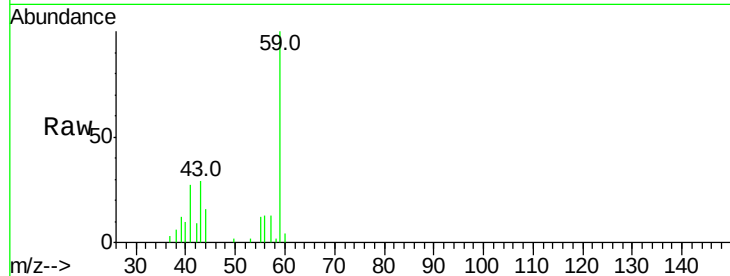
54 8.8 64.2 96.2#





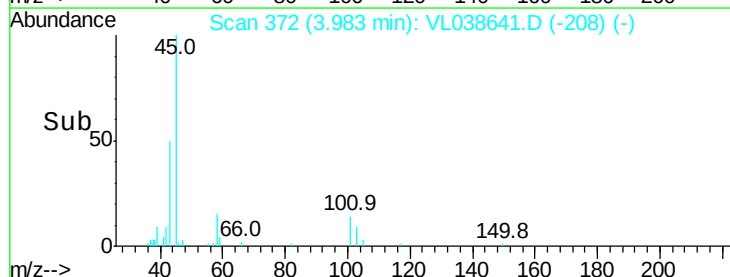
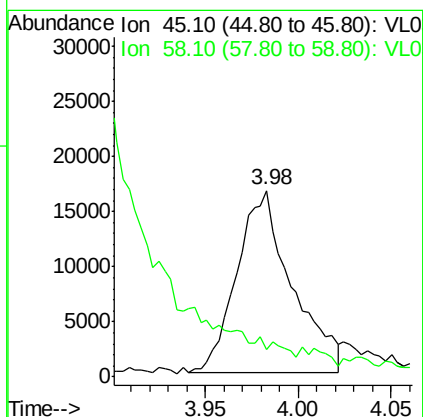
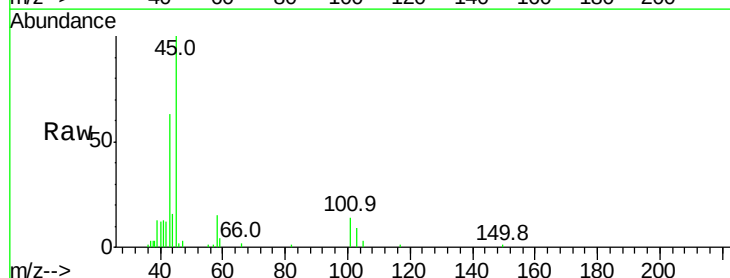
#17  
 tert-Butyl alcohol  
 Concen: 0.26 ppbv  
 RT: 4.30  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 COPAS  
 Acq: 18 Mar 2022 1:04

Tgt Ion: 59 Resp: 17519  
 Ion Ratio Lower Upper  
 59 100  
 57 14.1 8.1 12.1#

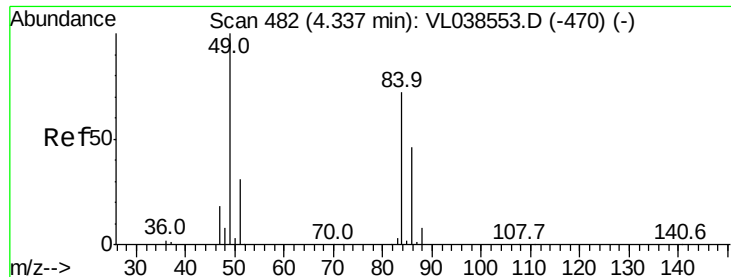


#19  
 Isopropyl Alcohol  
 Concen: 0.82 ppbv  
 RT: 3.98 min Scan# 372  
 Delta R.T. 0.03 min  
 Lab File: VL038641.D  
 Acq: 18 Mar 2022 1:04

Tgt Ion: 45 Resp: 33926  
 Ion Ratio Lower Upper  
 45 100  
 58 0.0 2.2 3.2#

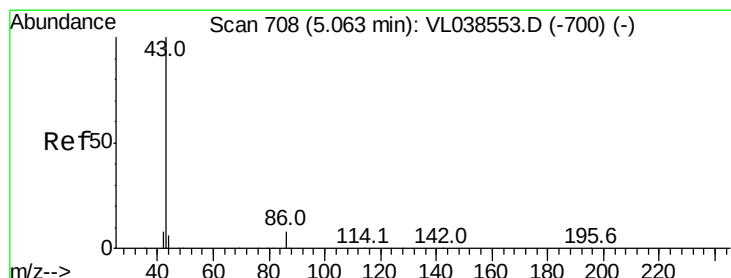
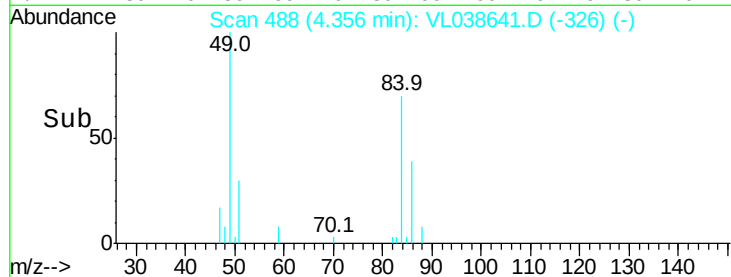
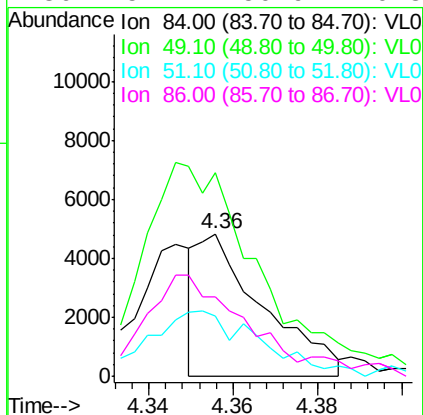
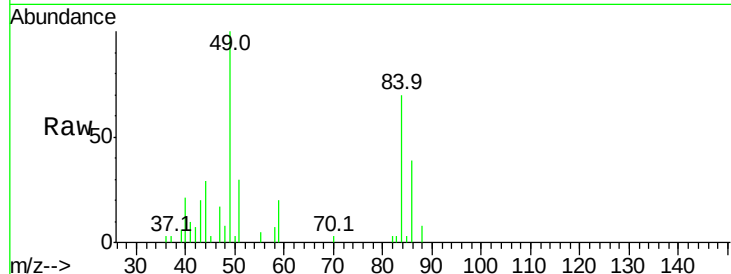






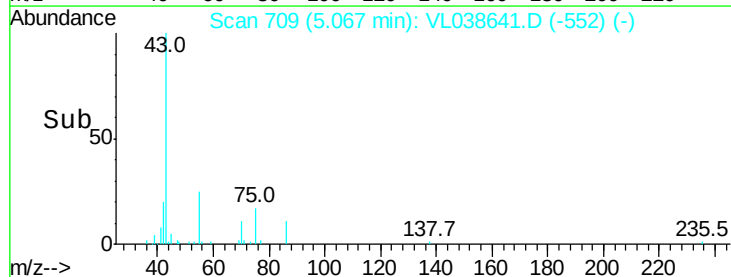
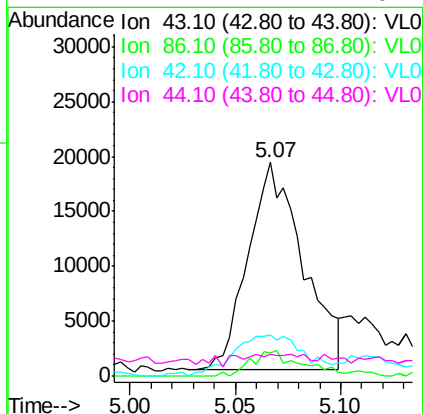
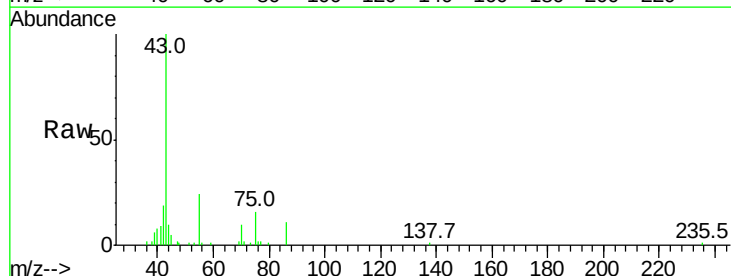
#20  
Methylene Chloride  
Concen: 0.14 ppbv  
RT: 4.36  
Delta R.T. MSVOA\_L  
Lab File: ClientSampleId :  
COPA8  
Acq: 18 Mar 2022 1:04

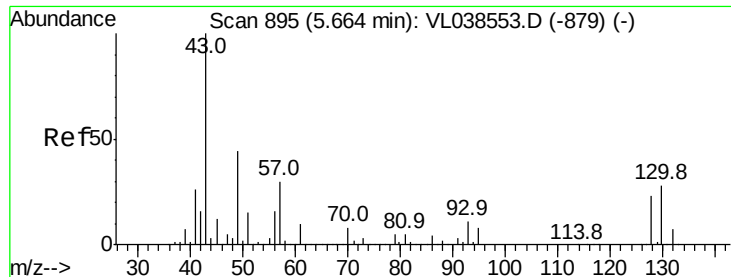
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 5180  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 136.0 | 111.1 | 166.7 |
| 51       | 40.1  | 34.0  | 51.0  |
| 86       | 51.1  | 50.9  | 76.3  |



#23  
Vinyl Acetate  
Concen: 0.39 ppbv  
RT: 5.07 min Scan# 709  
Delta R.T. 0.00 min  
Lab File: VL038641.D  
Acq: 18 Mar 2022 1:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 34413 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 86       | 11.3  | 5.6   | 8.4#  |
| 42       | 19.8  | 7.1   | 10.7# |
| 44       | 7.7   | 4.1   | 6.1#  |





#25

Ethyl Acetate

Concen: 3.10 ppbv

RT: 5.25 Instrument: MSVOA\_1

Delta R.T. 0.01

Lab File: ClientSampleId: COPA8

Acq: 18 Mar 2022 1:04

Tgt Ion: 43 Resp: 648569

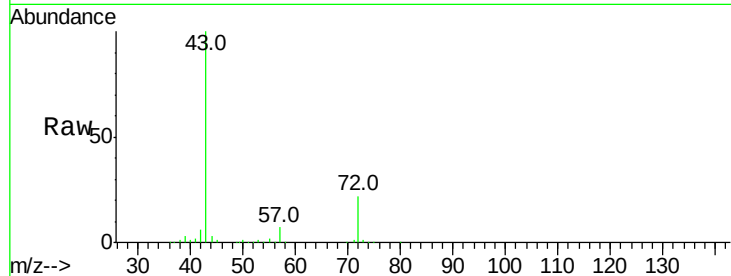
Ion Ratio Lower Upper

43 100

45 0.8 8.0 12.0#

61 0.0 8.2 12.4#

70 0.6 5.4 8.2#

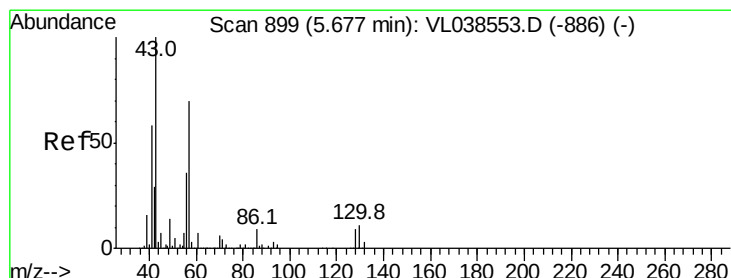
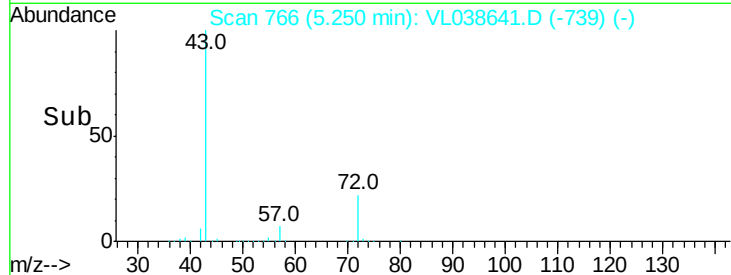
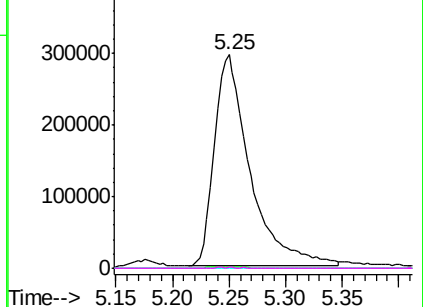


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 0.05 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.01 min

Lab File: VL038641.D

Acq: 18 Mar 2022 1:04

Tgt Ion: 57 Resp: 4794

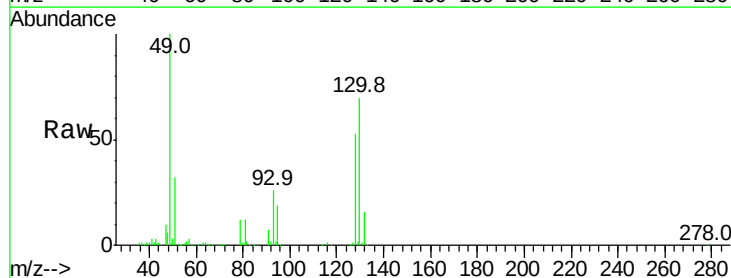
Ion Ratio Lower Upper

57 100

41 322.4 67.8 101.6#

43 0.0 173.6 260.4#

56 172.7 42.2 63.2#

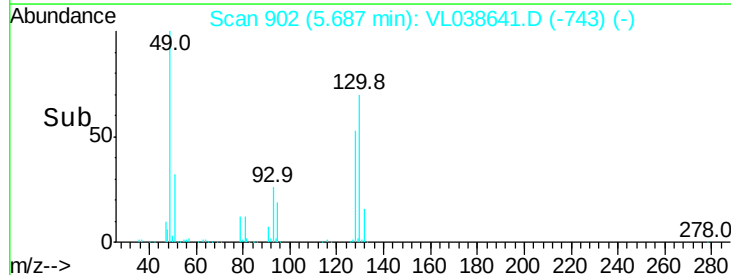
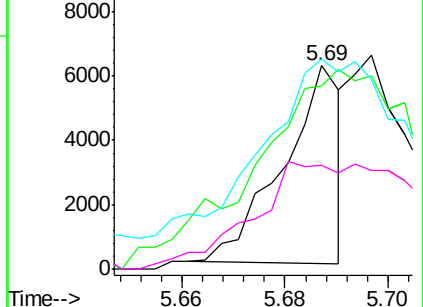


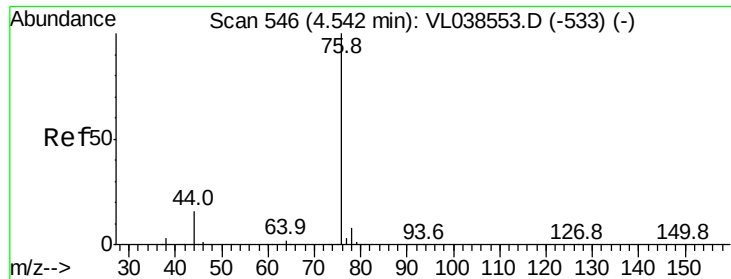
Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

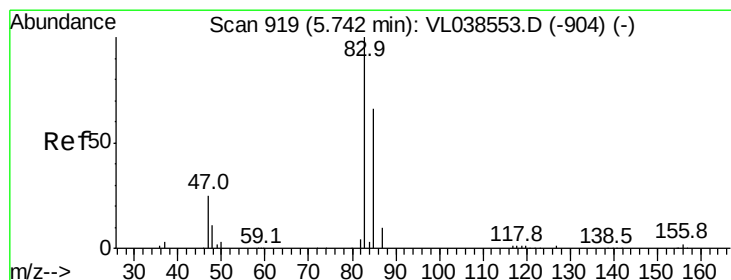
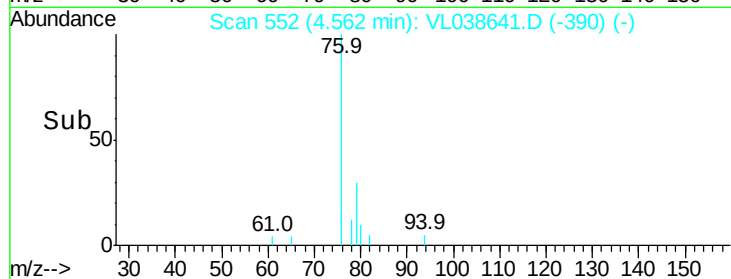
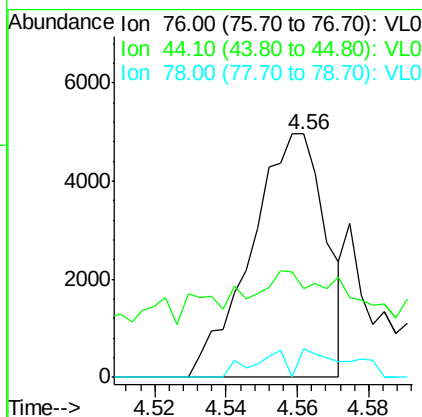
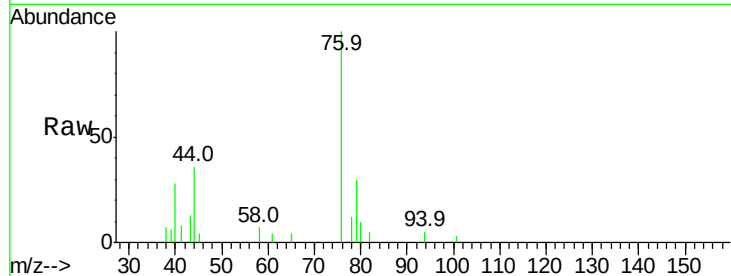
Ion 56.10 (55.80 to 56.80): VL0





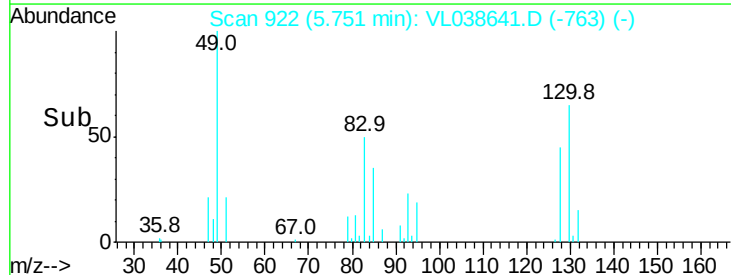
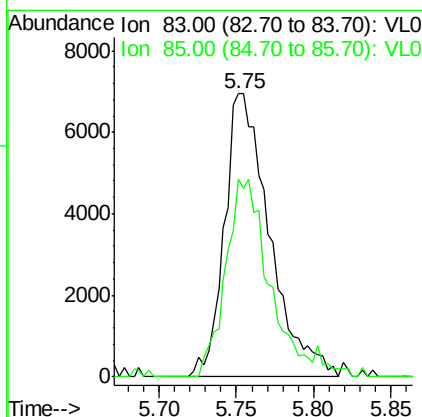
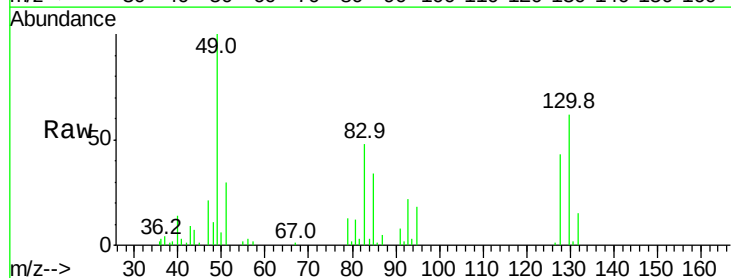
#27  
Carbon Disulfide  
Concen: 0.07 ppbv  
RT: 4.56  
Instrument: MSVOA\_1  
Delta R.T.:  
Lab File: ClientSampleId:  
COPA8  
Acq: 18 Mar 2022 1:04

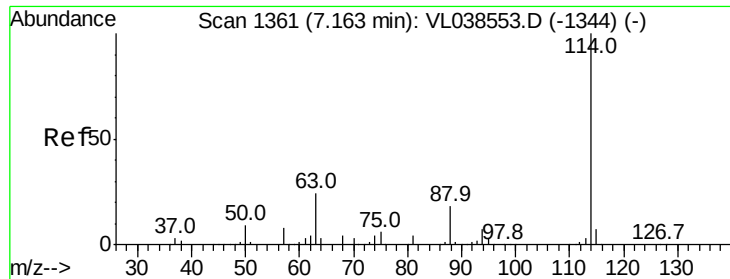
Tgt Ion: 76 Resp: 7163  
Ion Ratio Lower Upper  
76 100  
44 38.2 12.9 19.3#  
78 12.9 7.8 11.6#



#29  
Chloroform  
Concen: 0.09 ppbv  
RT: 5.75 min Scan# 922  
Delta R.T. 0.01 min  
Lab File: VL038641.D  
Acq: 18 Mar 2022 1:04

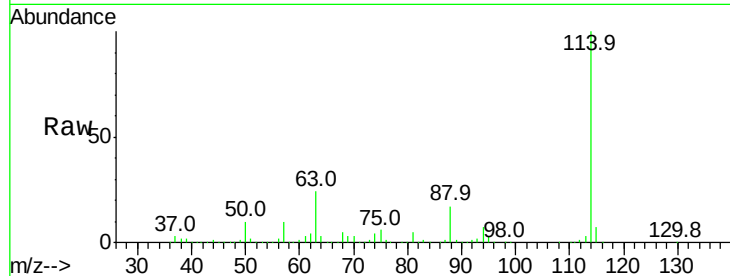
Tgt Ion: 83 Resp: 14059  
Ion Ratio Lower Upper  
83 100  
85 72.5 52.8 79.2



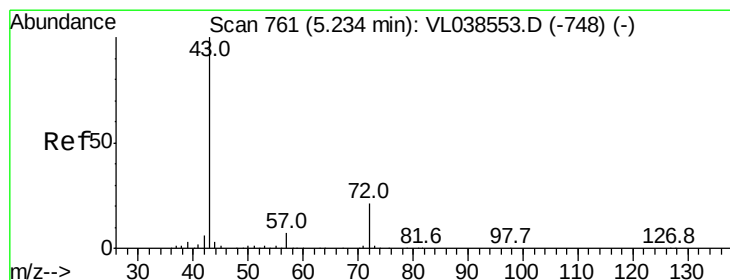
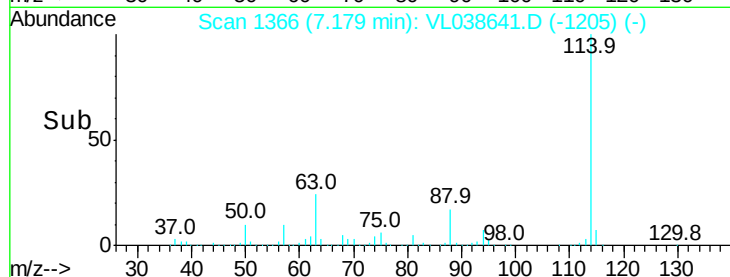
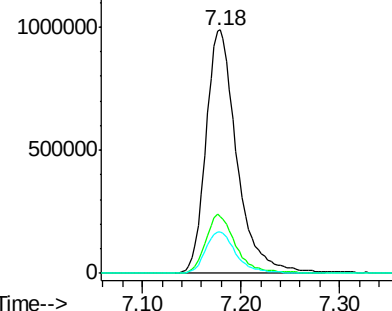


#33  
 1,4-Difluorobenzene  
 Concen: 10.00 ppbv  
 RT: 7.18  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 COPAS  
 Acq: 18 Mar 2022 1:04

Tgt Ion: 114 Resp: 2171438  
 Ion Ratio Lower Upper  
 114 100  
 63 23.7 19.6 29.4  
 88 17.1 13.9 20.9

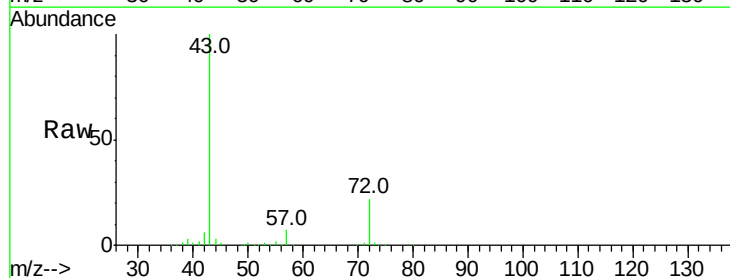


Abundance Ion 114.10 (113.80 to 114.80): VL0  
 Ion 63.10 (62.80 to 63.80): VL0  
 Ion 88.10 (87.80 to 88.80): VL0

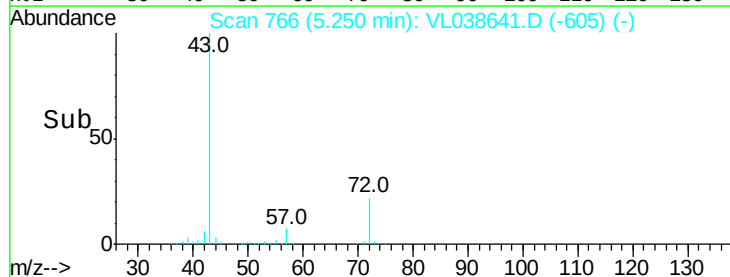
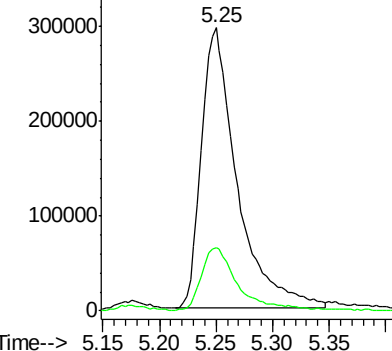


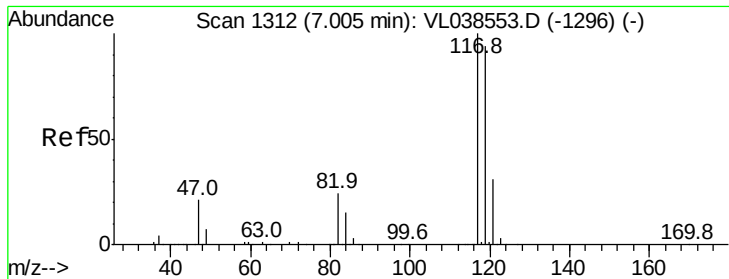
#34  
 2-Butanone  
 Concen: 11.52 ppbv  
 RT: 5.25 min Scan# 766  
 Delta R.T. 0.02 min  
 Lab File: VL038641.D  
 Acq: 18 Mar 2022 1:04

Tgt Ion: 43 Resp: 648569  
 Ion Ratio Lower Upper  
 43 100  
 72 24.4 17.8 26.6



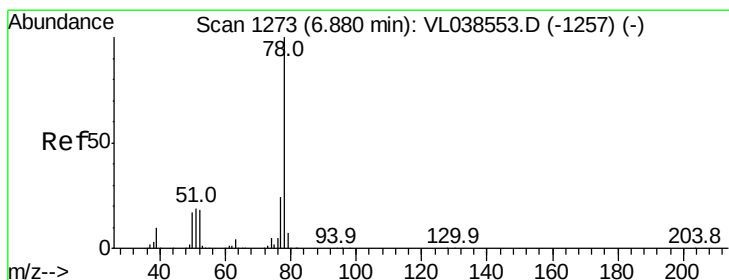
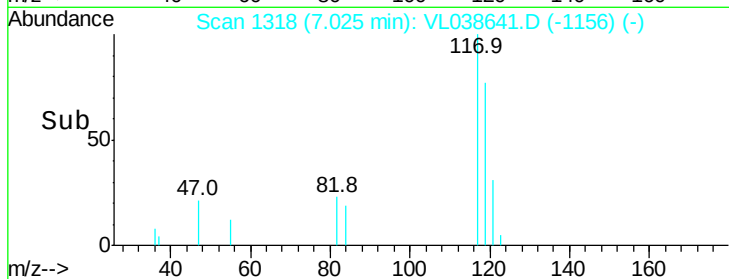
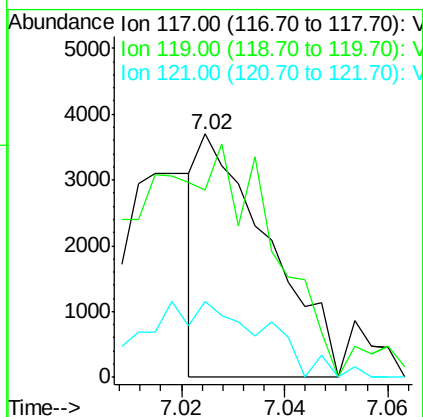
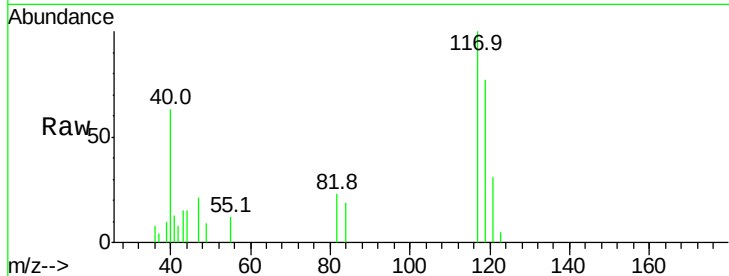
Abundance Ion 43.10 (42.80 to 43.80): VL0  
 Ion 72.10 (71.80 to 72.80): VL0





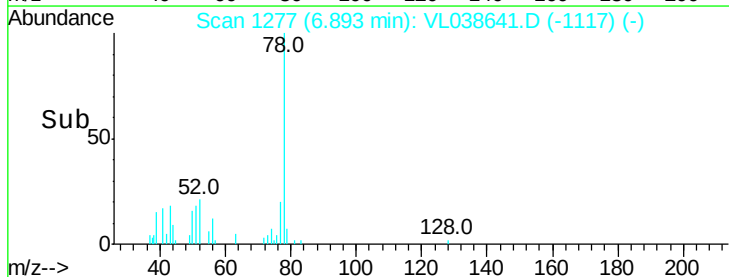
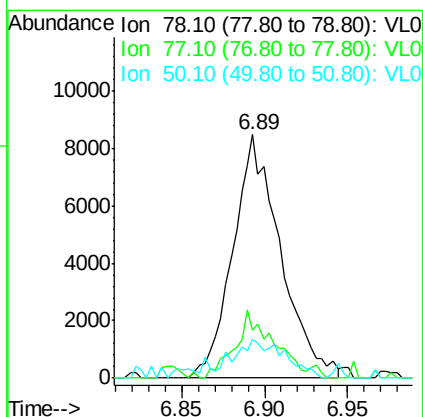
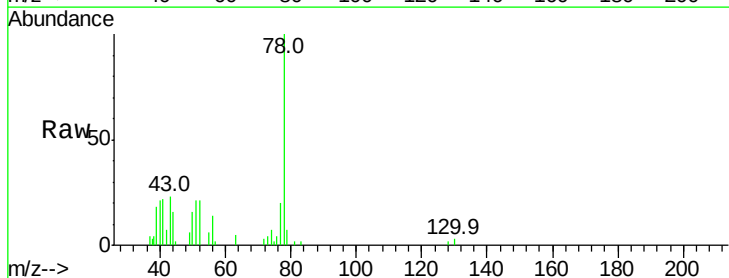
#35  
Carbon Tetrachloride  
Concen: 0.02 ppbv  
RT: 7.02  
Delta R.T. MSVOA\_L  
Lab File: ClientSampleId :  
COPA8  
Acq: 18 Mar 2022 1:04

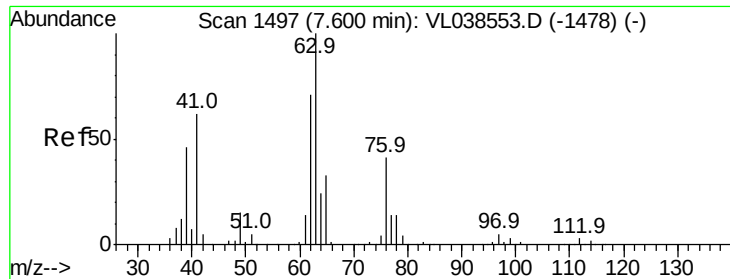
Tgt Ion: 117 Resp: 3455  
Ion Ratio Lower Upper  
117 100  
119 77.1 75.2 112.8  
121 31.1 24.8 37.2



#36  
Benzene  
Concen: 0.09 ppbv  
RT: 6.89 min Scan# 1277  
Delta R.T. 0.01 min  
Lab File: VL038641.D  
Acq: 18 Mar 2022 1:04

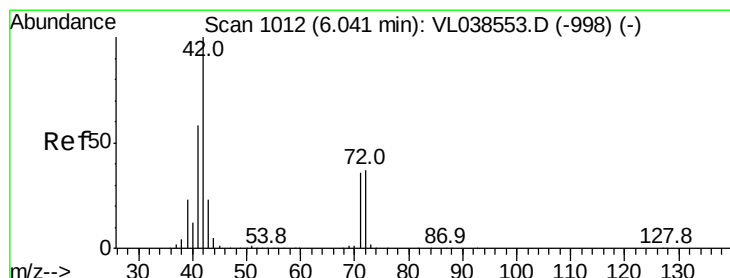
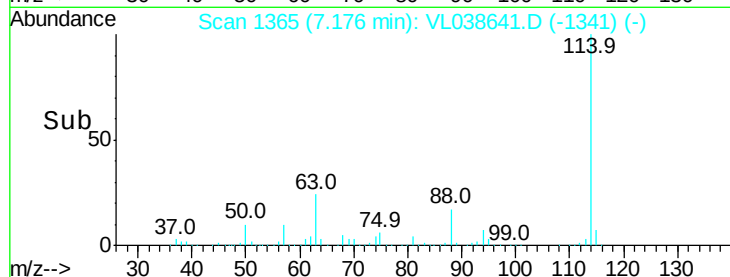
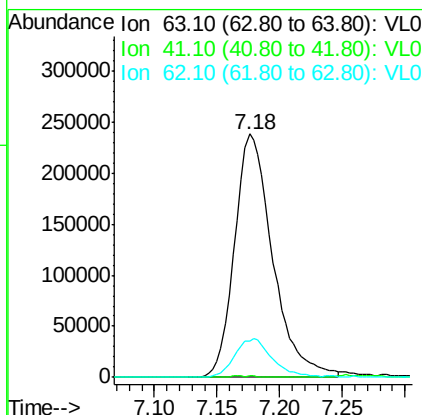
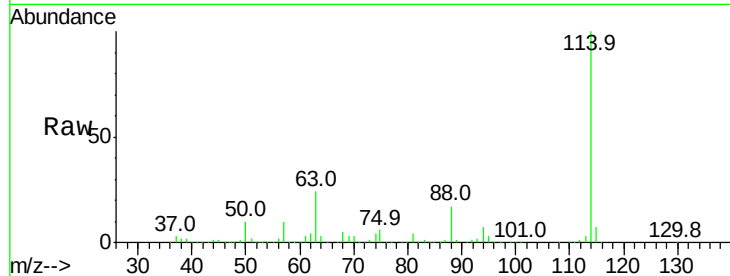
Tgt Ion: 78 Resp: 16927  
Ion Ratio Lower Upper  
78 100  
77 20.2 19.0 28.4  
50 12.7 13.9 20.9#





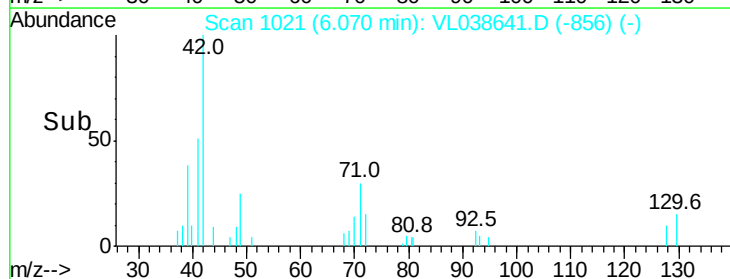
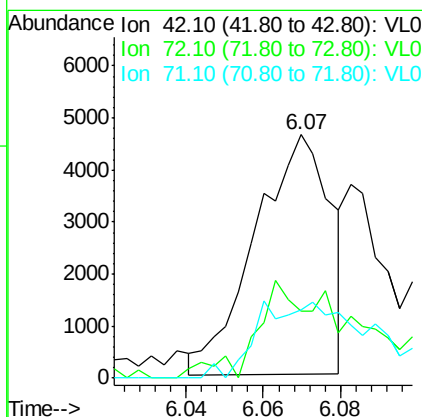
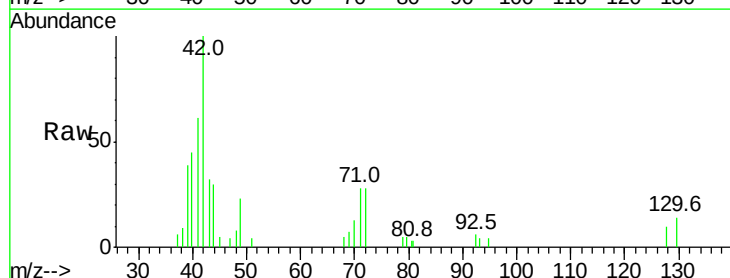
#39  
 1,2-Dichloropropane  
 Concen: 6.69 ppbv  
 RT: 7.18  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 COPAS  
 Acq: 18 Mar 2022 1:04

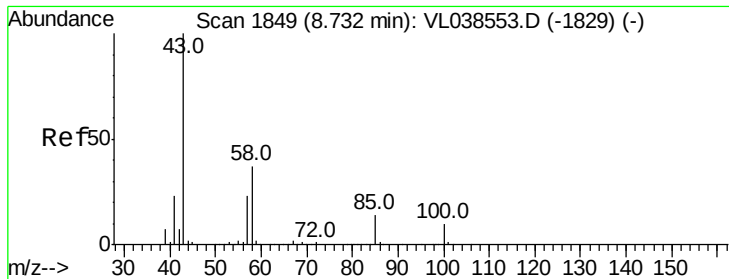
Tgt Ion: 63 Resp: 503813  
 Ion Ratio Lower Upper  
 63 100  
 41 0.3 49.8 74.6#  
 62 15.0 56.7 85.1#



#41  
 Tetrahydrofuran  
 Concen: 0.14 ppbv  
 RT: 6.07 min Scan# 1021  
 Delta R.T. 0.03 min  
 Lab File: VL038641.D  
 Acq: 18 Mar 2022 1:04

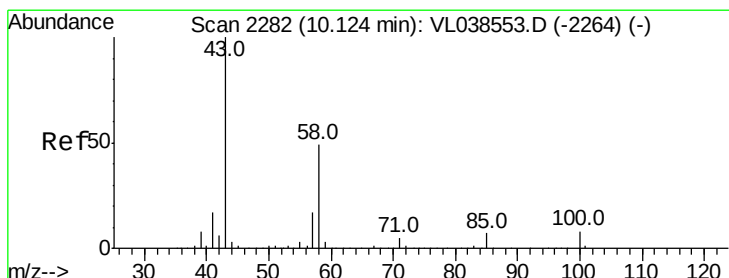
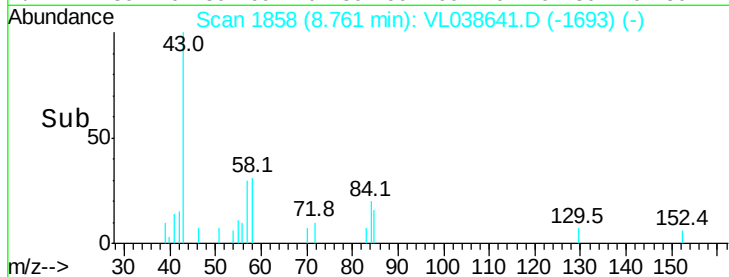
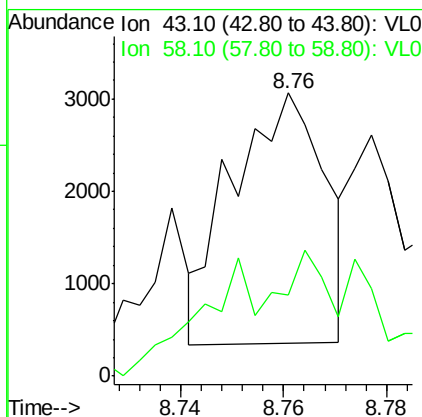
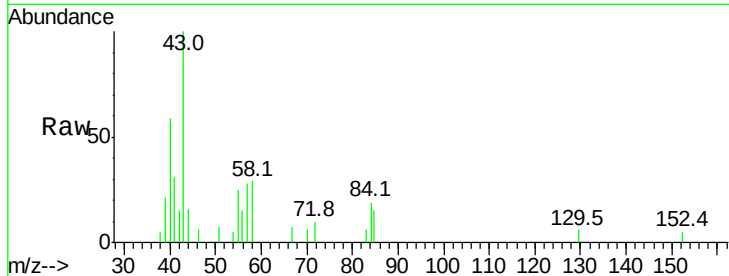
Tgt Ion: 42 Resp: 6241  
 Ion Ratio Lower Upper  
 42 100  
 72 62.0 30.9 46.3#  
 71 54.2 29.1 43.7#





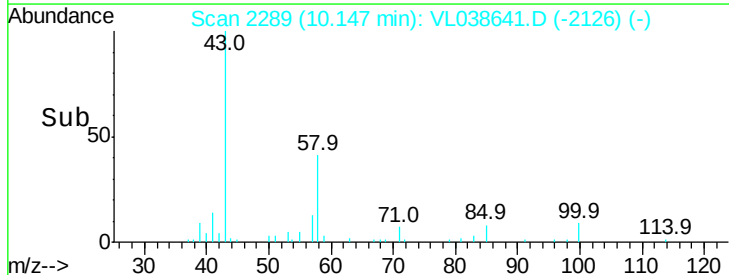
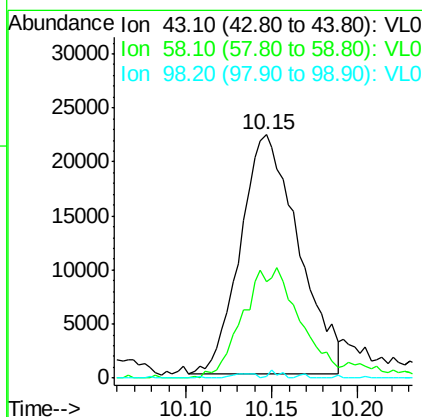
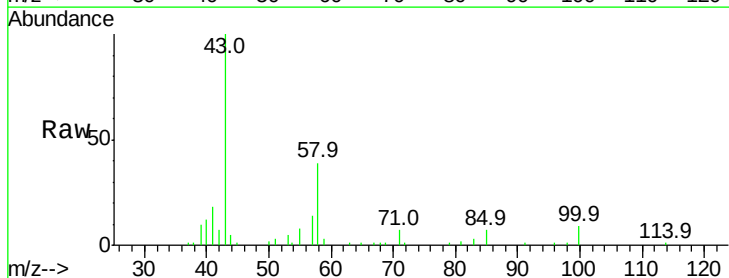
#50  
 4-Methyl-2-Pentanone  
 Concen: 0.03 ppbv  
 RT: 8.76  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 COPA8  
 Acq: 18 Mar 2022 1:04

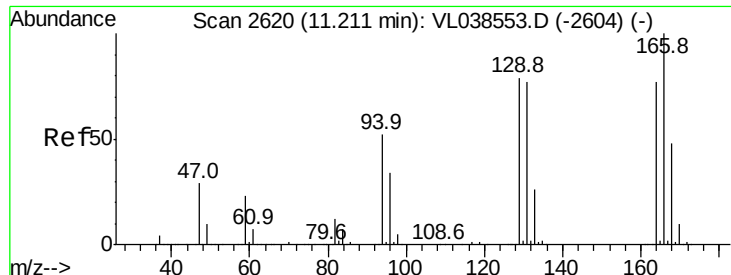
Tgt Ion: 43 Resp: 3361  
 Ion Ratio Lower Upper  
 43 100  
 58 91.8 29.2 43.8#



#51  
 2-Hexanone  
 Concen: 1.06 ppbv  
 RT: 10.15 min Scan# 2289  
 Delta R.T. 0.02 min  
 Lab File: VL038641.D  
 Acq: 18 Mar 2022 1:04

Tgt Ion: 43 Resp: 51848  
 Ion Ratio Lower Upper  
 43 100  
 58 49.7 40.1 60.1  
 98 1.6 0.4 0.6#





#52

Tetrachloroethene

Concen: 1.45 ppbv

RT: 11.22

Delta R.T. MSVOA\_L

Lab File: ClientSampleId :

Acq: 18 Mar 2022 1:04

Tgt Ion: 164 Resp: 104313

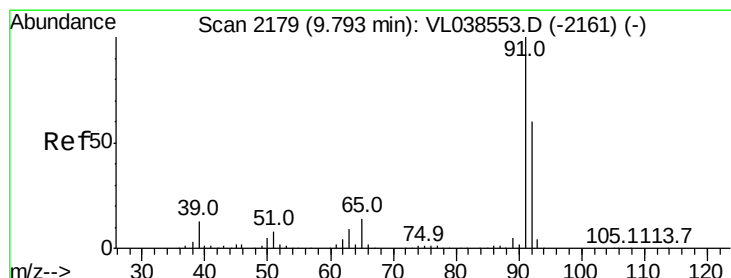
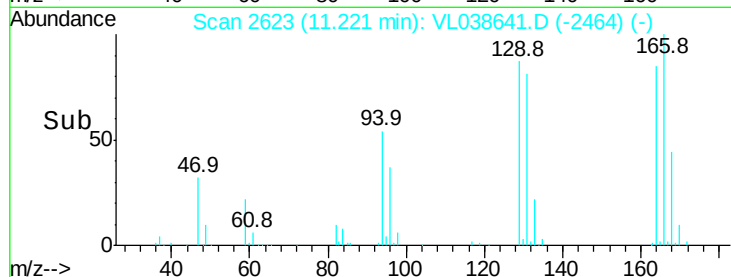
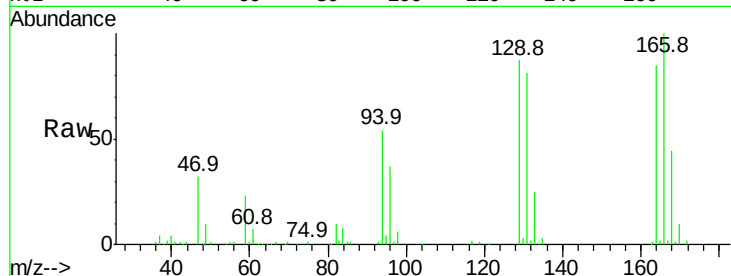
Ion Ratio Lower Upper

164 100

166 116.8 103.4 155.2

129 101.5 81.3 121.9

131 96.9 79.8 119.8



#53

Toluene

Concen: 0.09 ppbv

RT: 9.81 min Scan# 2185

Delta R.T. 0.02 min

Lab File: VL038641.D

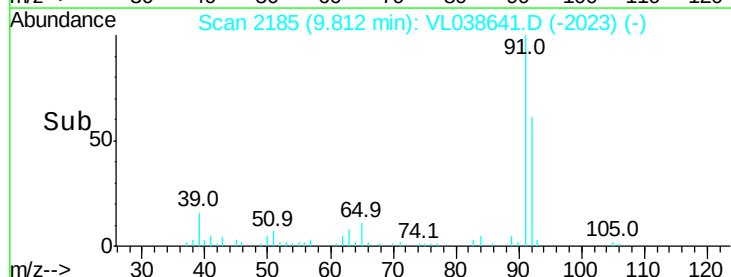
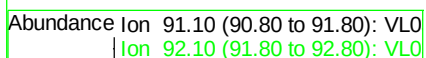
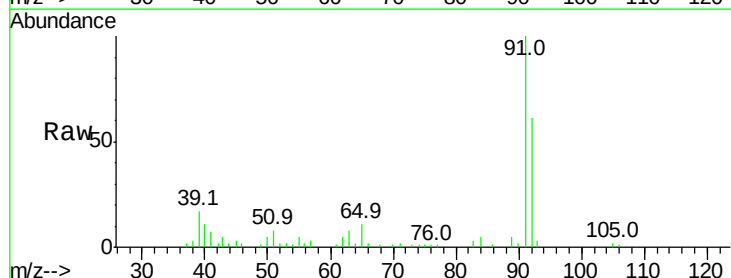
Acq: 18 Mar 2022 1:04

Tgt Ion: 91 Resp: 19035

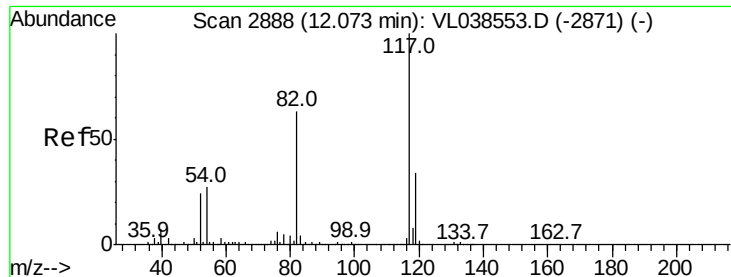
Ion Ratio Lower Upper

91 100

92 146.5 48.1 72.1#

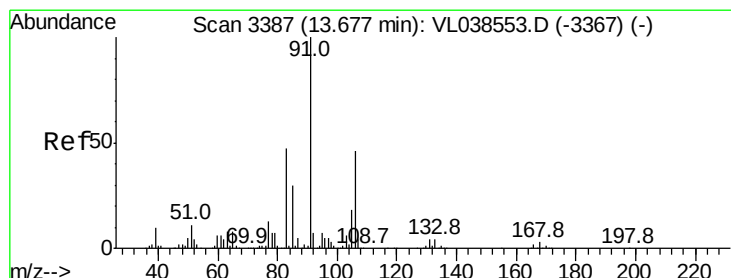
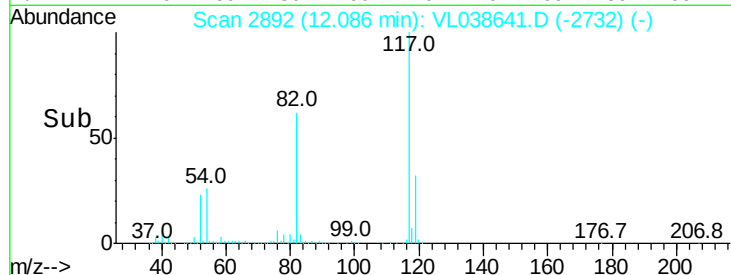
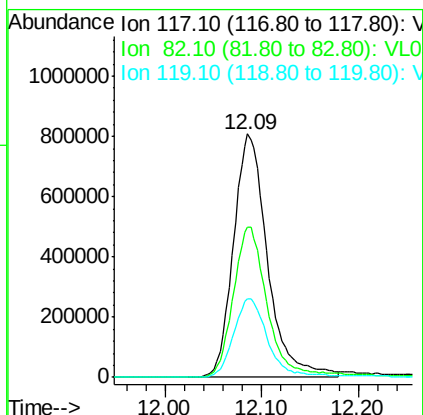
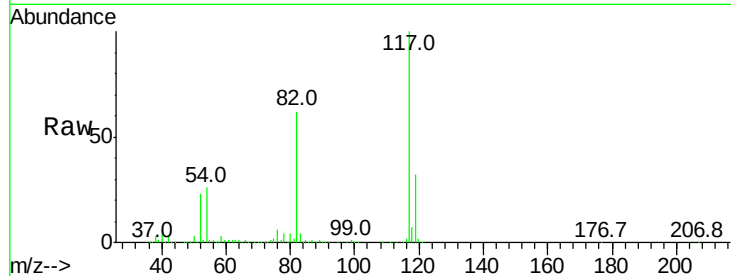






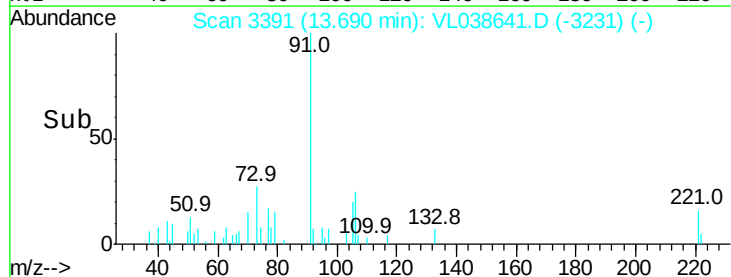
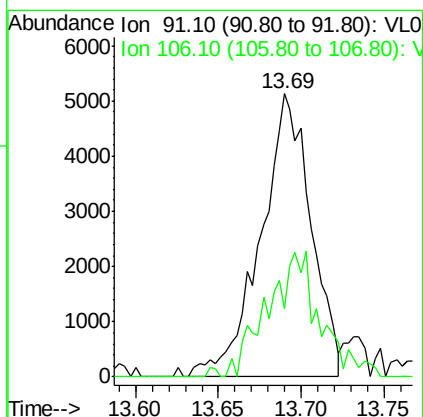
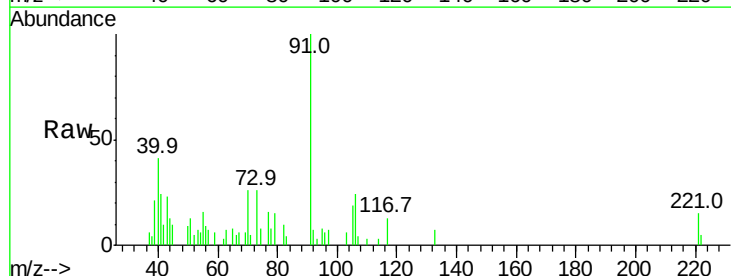
#55  
 Chlorobenzene-d5  
 Concen: 10.00 ppbv  
 RT: 12.09 min  
 Instrument: MSVOA\_1  
 Delta R.T.:  
 Lab File: ClientSampleId :  
 COPAS  
 Acq: 18 Mar 2022 1:04

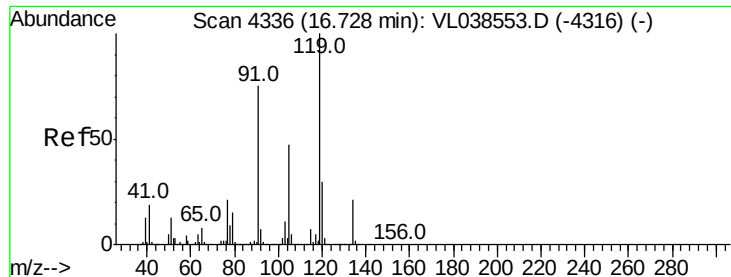
Tgt Ion: 117 Resp: 1977268  
 Ion Ratio Lower Upper  
 117 100  
 82 64.8 52.5 78.7  
 119 34.2 46.4 69.6



#60  
 o-Xylene  
 Concen: 0.05 ppbv  
 RT: 13.69 min Scan# 3391  
 Delta R.T.: 0.01 min  
 Lab File: VL038641.D  
 Acq: 18 Mar 2022 1:04

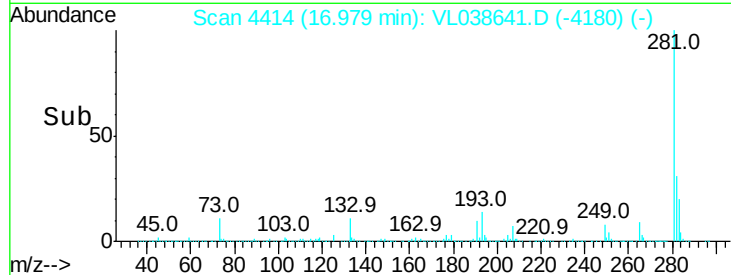
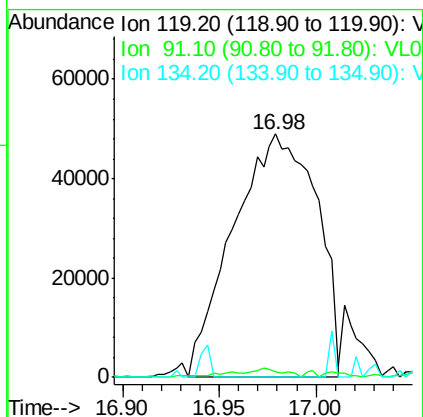
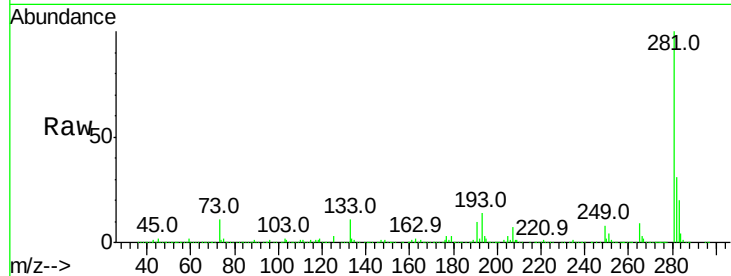
Tgt Ion: 91 Resp: 10815  
 Ion Ratio Lower Upper  
 91 100  
 106 47.0 23.5 70.6





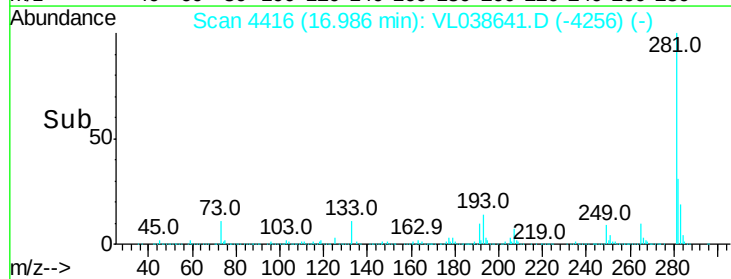
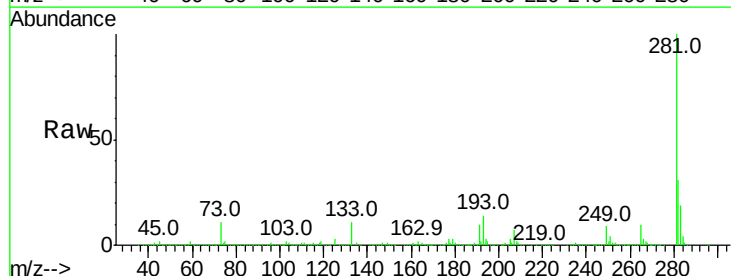
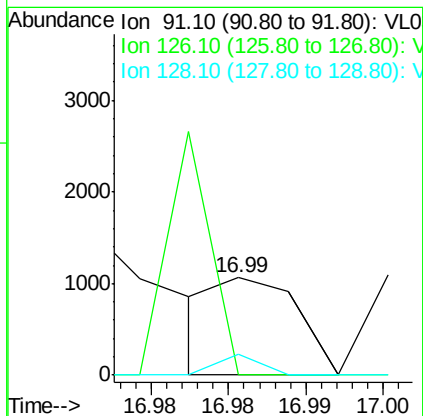
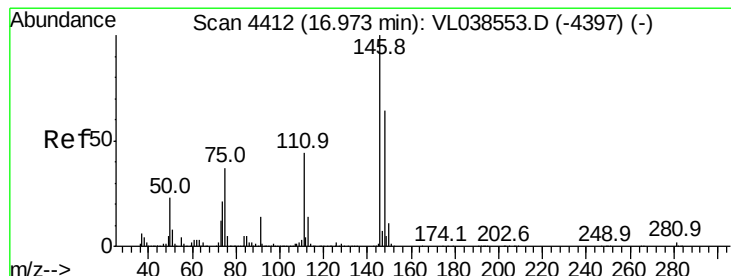
#65  
 tert-Butylbenzene  
 Concen: 0.58 ppbv  
 RT: 16.98 min  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 Acq: 18 Mar 2022 1:04

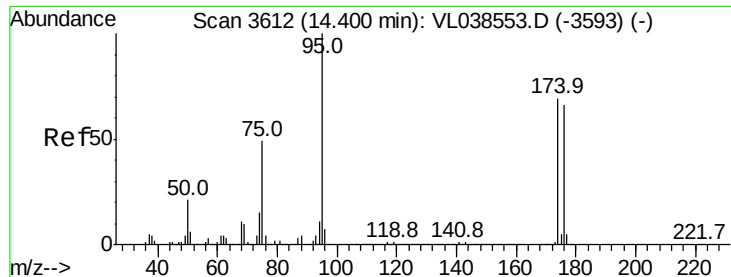
Tgt Ion: 119 Resp: 146909  
 Ion Ratio Lower Upper  
 119 100  
 91 1.9 61.2 91.8#  
 134 1.7 16.2 24.2#



#66  
 Benzyl Chloride  
 Concen: 0.03 ppbv  
 RT: 16.99 min Scan# 4416  
 Delta R.T. 0.01 min  
 Lab File: VL038641.D  
 Acq: 18 Mar 2022 1:04

Tgt Ion: 91 Resp: 382  
 Ion Ratio Lower Upper  
 91 100  
 126 134.3 14.1 21.1#  
 128 0.0 5.1 7.7#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.30 ppbv

RT: 14.42

Delta R.T. MSVOA\_L

Lab File: ClientSampleId :

Acq: 18 Mar 2022 1:04

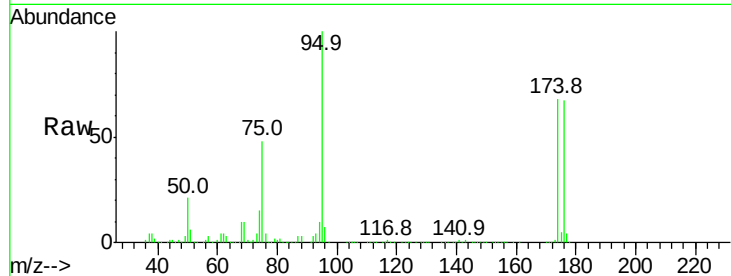
Tgt Ion: 95 Resp: 1397746

Ion Ratio Lower Upper

95 100

174 73.2 56.2 84.4

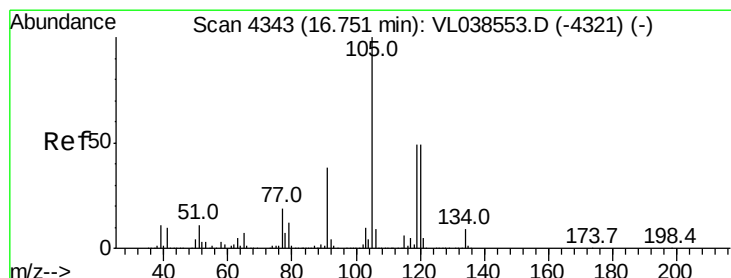
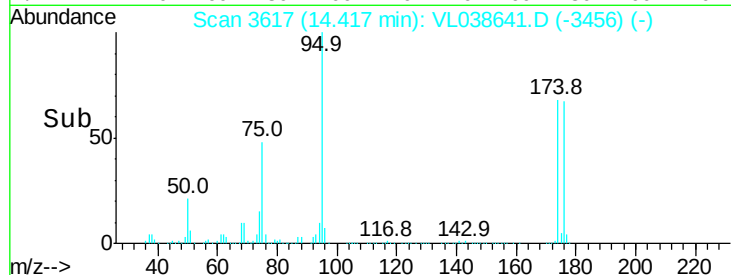
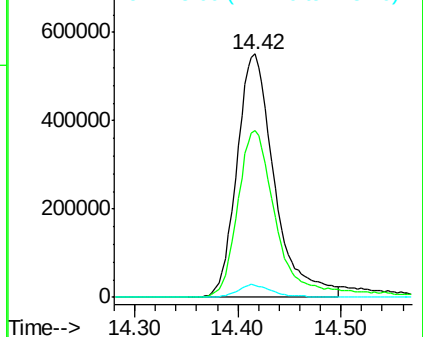
175 5.0 4.2 6.2



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



#74

1,2,4-Trimethylbenzene

Concen: 0.08 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.01 min

Lab File: VL038641.D

Acq: 18 Mar 2022 1:04

Tgt Ion: 105 Resp: 18608

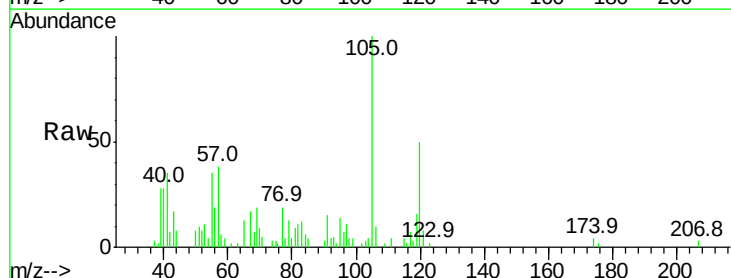
Ion Ratio Lower Upper

105 100

120 57.0 38.9 58.3

91 12.6 30.6 46.0#

77 12.6 15.2 22.8#

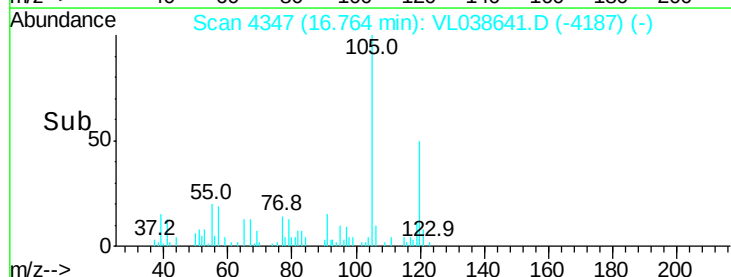
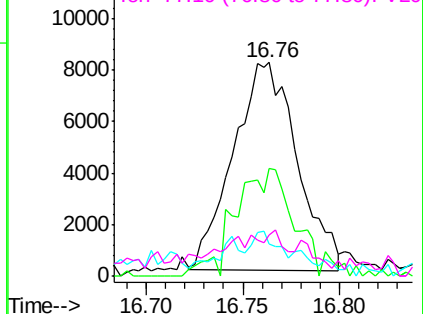


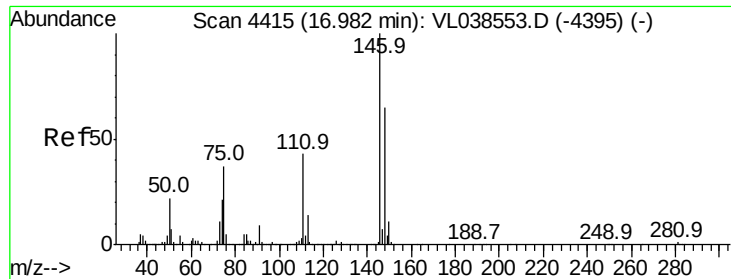
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

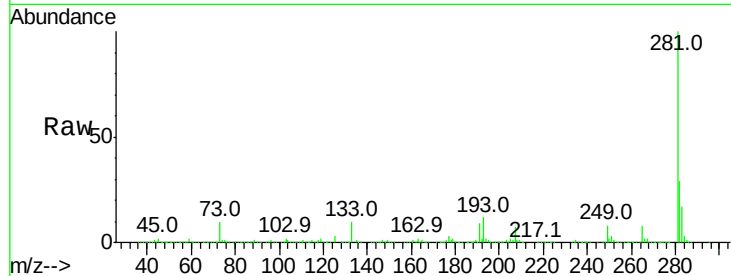
Ion 77.10 (76.80 to 77.80): VL0



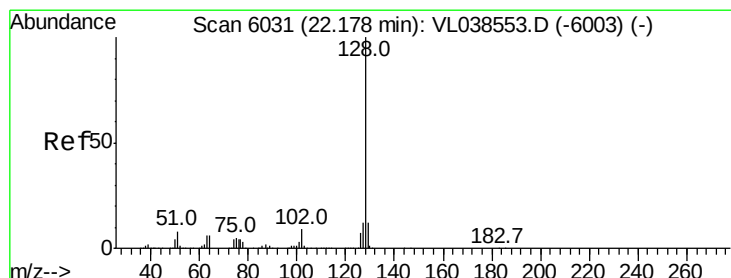
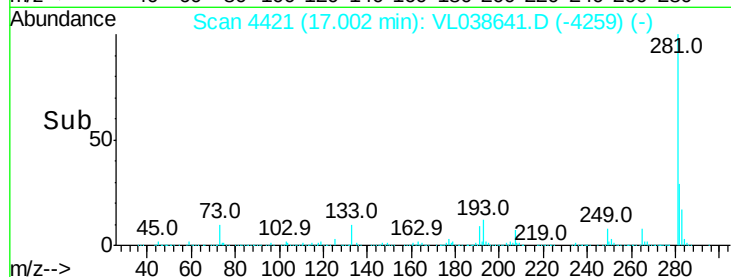
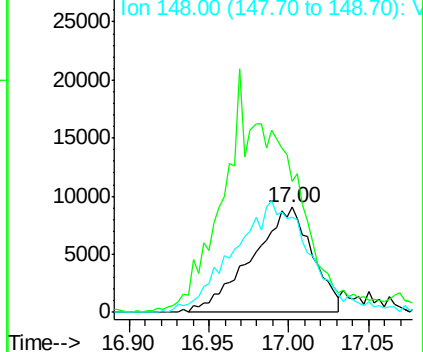


#75  
 1,3-Dichlorobenzene  
 Concen: 0.16 ppbv  
 RT: 17.00 min  
 Delta R.T. MSVOA\_1  
 Lab File: ClientSampleId :  
 COPAS  
 Acq: 18 Mar 2022 1:04

Tgt Ion:146 Resp: 23668  
 Ion Ratio Lower Upper  
 146 100  
 111 243.2 21.9 65.8#  
 148 133.8 32.2 96.6#

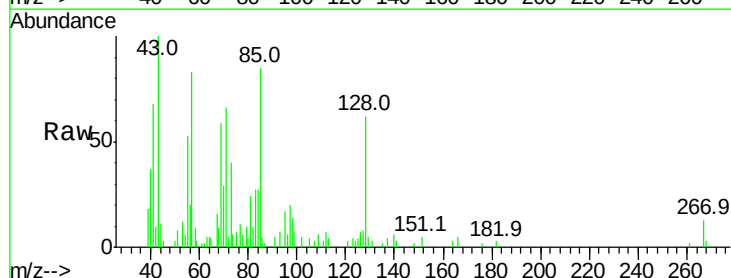


Abundance Ion 146.00 (145.70 to 146.70): V  
 Ion 111.10 (110.80 to 111.80): V  
 Ion 148.00 (147.70 to 148.70): V



#79  
 Naphthalene  
 Concen: 0.03 ppbv  
 RT: 22.20 min Scan# 6037  
 Delta R.T. 0.02 min  
 Lab File: VL038641.D  
 Acq: 18 Mar 2022 1:04

Tgt Ion:128 Resp: 5458  
 Ion Ratio Lower Upper  
 128 100  
 127 7.9 9.9 14.9#  
 129 5.5 9.3 13.9#



Abundance Ion 128.10 (127.80 to 128.80): V  
 Ion 127.10 (126.80 to 127.80): V  
 Ion 129.10 (128.80 to 129.80): V

