

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061422\  
 Data File : VL039289.D  
 Acq On : 14 Jun 2022 20:46  
 Operator : SY/AP  
 Sample : N3306-04DL 10X  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA L  
 ClientSampleId :  
 SS-2DL

Quant Time: Jun 15 03:19:15 2022  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Jun 01 01:22:18 2022  
 QLast Update : Wed Jun 01 01:22:18 2022  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.67  | 49   | 1504377  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.18  | 114  | 4020454  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.09 | 117  | 3642277  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.42  | 95    | 2760590  | 9.17     | ppbv | 0.00   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 91.70% |

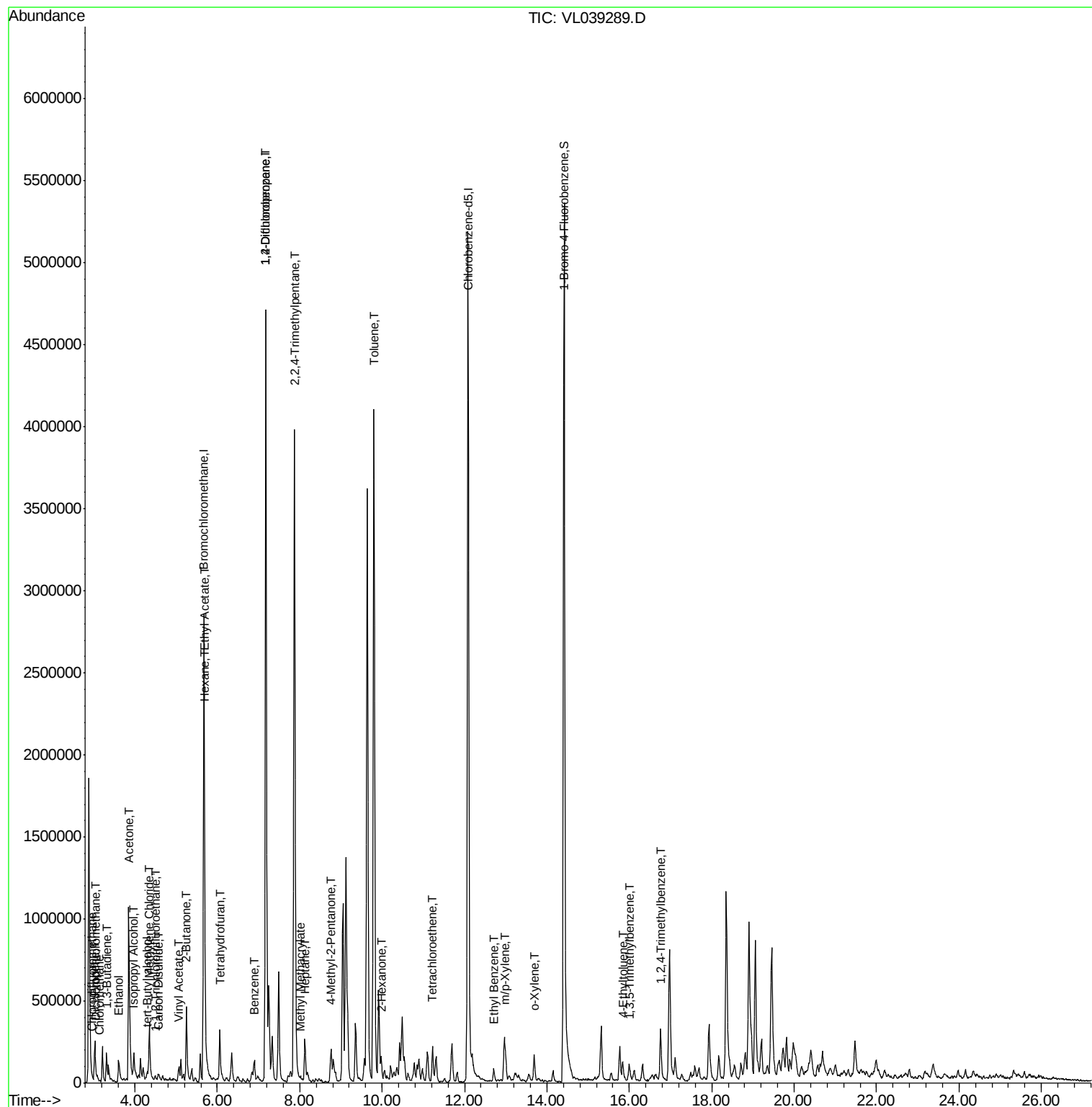
| Target Compounds               |       |     |         |        | Ovalue     |
|--------------------------------|-------|-----|---------|--------|------------|
| 2) Dichlorodifluoromethane     | 3.05  | 85  | 9937    | 0.038  | ppbv 90    |
| 3) Chlorodifluoromethane       | 2.97  | 51  | 13711   | 0.072  | ppbv # 59  |
| 4) Chloromethane               | 3.14  | 50  | 3567    | 0.036  | ppbv # 81  |
| 9) Propene                     | 3.02  | 41  | 91291   | 1.094  | ppbv 85    |
| 10) Heptane                    | 8.12  | 43  | 107359  | 0.551  | ppbv # 26  |
| 12) 1,1,2-Trichlorotrifluoroet | 4.49  | 101 | 7559    | 0.048  | ppbv # 76  |
| 13) Ethanol                    | 3.61  | 45  | 184934  | 40.629 | ppbv # 100 |
| 15) Acetone                    | 3.85  | 43  | 1376398 | 8.783  | ppbv 99    |
| 16) 1,3-Butadiene              | 3.31  | 39  | 69706   | 0.827  | ppbv # 23  |
| 17) tert-Butyl alcohol         | 4.30  | 59  | 37825   | 0.311  | ppbv # 87  |
| 19) Isopropyl Alcohol          | 3.97  | 45  | 179740  | 2.445  | ppbv # 1   |
| 20) Methylene Chloride         | 4.35  | 84  | 138456  | 2.097  | ppbv 86    |
| 23) Vinyl Acetate              | 5.06  | 43  | 43832   | 0.338  | ppbv # 46  |
| 25) Ethyl Acetate              | 5.69  | 43  | 132412  | 0.375  | ppbv # 81  |
| 26) Hexane                     | 5.69  | 57  | 178127  | 1.148  | ppbv # 39  |
| 27) Carbon Disulfide           | 4.56  | 76  | 23777   | 0.148  | ppbv # 57  |
| 34) 2-Butanone                 | 5.25  | 43  | 609626  | 2.791  | ppbv 97    |
| 36) Benzene                    | 6.90  | 78  | 46199   | 0.142  | ppbv 98    |
| 39) 1,2-Dichloropropane        | 7.18  | 63  | 978825  | 7.539  | ppbv # 25  |
| 41) Tetrahydrofuran            | 6.06  | 42  | 179459  | 1.366  | ppbv 92    |
| 43) Methyl Methacrylate        | 8.02  | 69  | 4953    | 0.039  | ppbv # 1   |
| 44) 2,2,4-Trimethylpentane     | 7.87  | 57  | 4290878 | 7.515  | ppbv 97    |
| 50) 4-Methyl-2-Pentanone       | 8.75  | 43  | 132675  | 0.406  | ppbv 99    |
| 51) 2-Hexanone                 | 9.99  | 43  | 27886   | 0.110  | ppbv # 72  |
| 52) Tetrachloroethene          | 11.22 | 164 | 27260   | 0.214  | ppbv 90    |
| 53) Toluene                    | 9.81  | 91  | 149544  | 0.398  | ppbv 98    |
| 58) Ethyl Benzene              | 12.71 | 91  | 41519   | 0.083  | ppbv 90    |
| 59) m/p-Xylene                 | 13.00 | 91  | 41742   | 0.094  | ppbv # 33  |
| 60) o-Xylene                   | 13.69 | 91  | 73443   | 0.177  | ppbv # 31  |
| 72) 4-Ethyltoluene             | 15.83 | 105 | 80476   | 0.165  | ppbv 95    |
| 73) 1,3,5-Trimethylbenzene     | 15.99 | 105 | 33193   | 0.076  | ppbv 97    |
| 74) 1,2,4-Trimethylbenzene     | 16.76 | 105 | 257438  | 0.526  | ppbv # 63  |

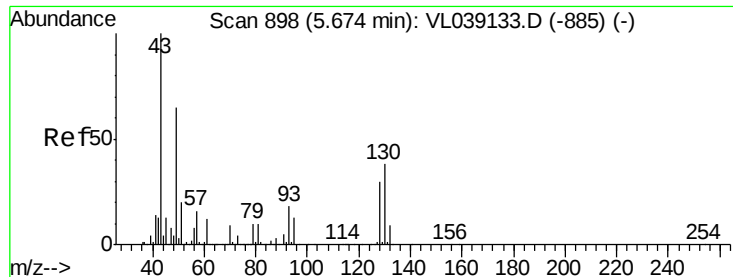
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA\_L

Lab File: ClientSampleId :

Acq: 14 Jun 2022 20:46

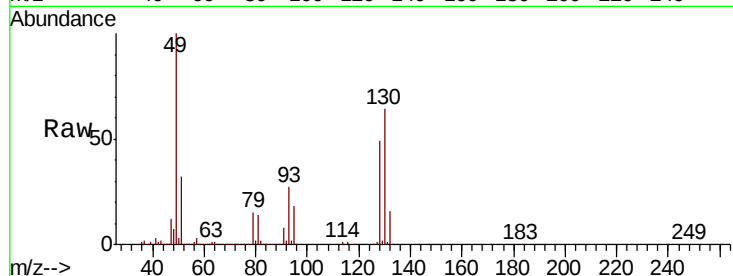
Tot Ion: 49 Resp: 1504377

Ion Ratio Lower Upper

49 100

128 51.3 24.7 74.1

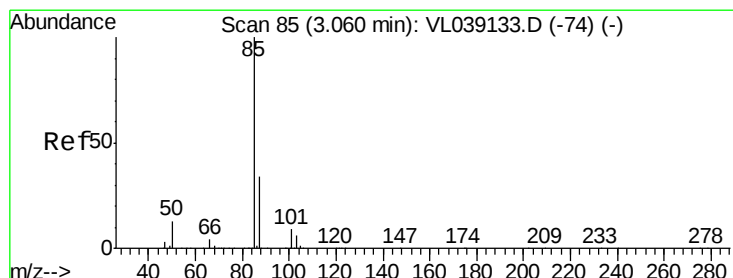
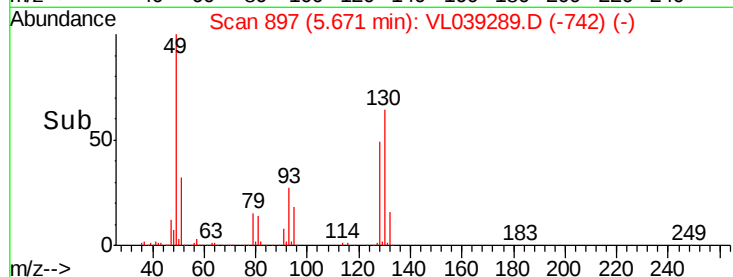
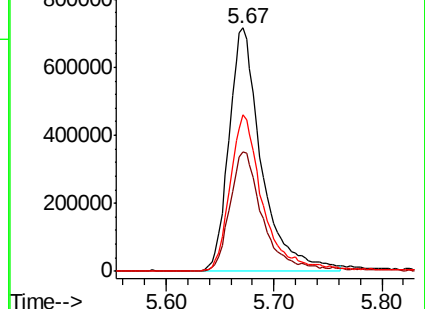
130 66.5 31.4 94.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.038 ppbv

RT: 3.05 min Scan# 83

Delta R.T. -0.01 min

Lab File: VL039289.D

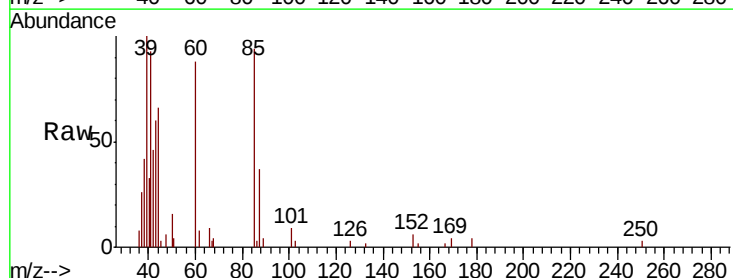
Acq: 14 Jun 2022 20:46

Tgt Ion: 85 Resp: 9937

Ion Ratio Lower Upper

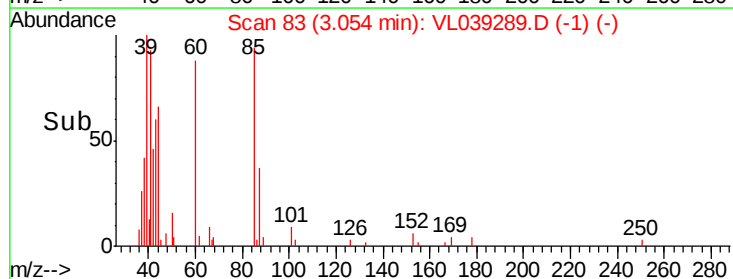
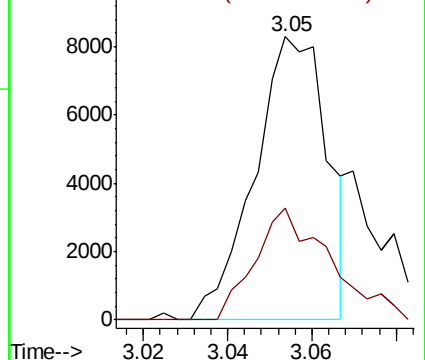
85 100

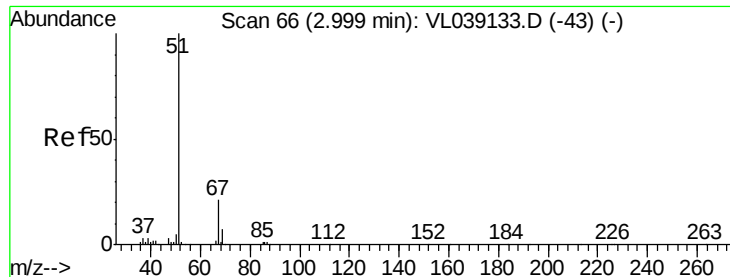
87 39.5 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.072 ppbv

RT: 2.97 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

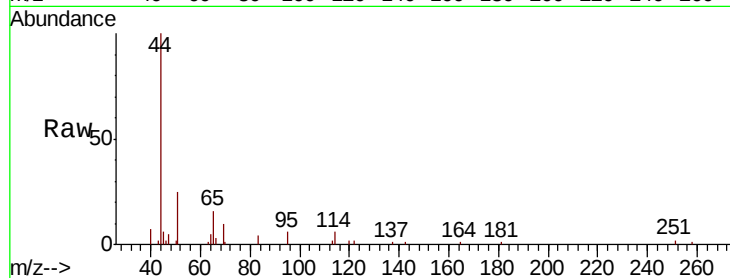
Acq: 14 Jun 2022 20:46

Tot Ion: 51 Resp: 13711

Ion Ratio Lower Upper

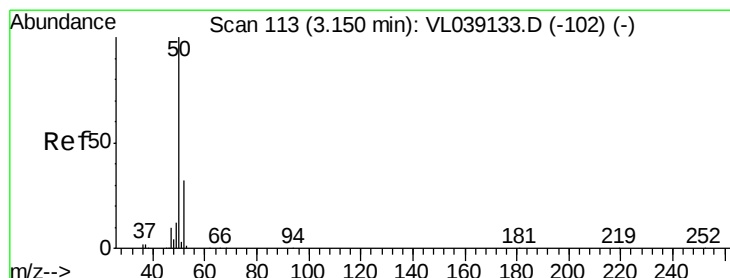
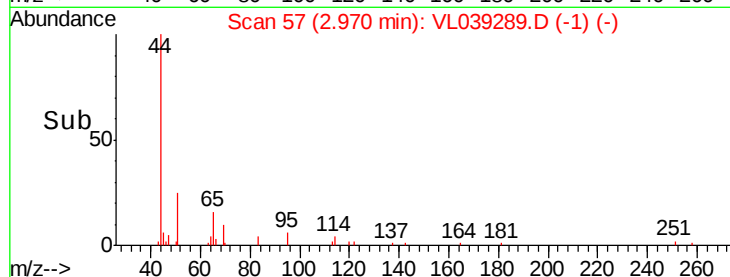
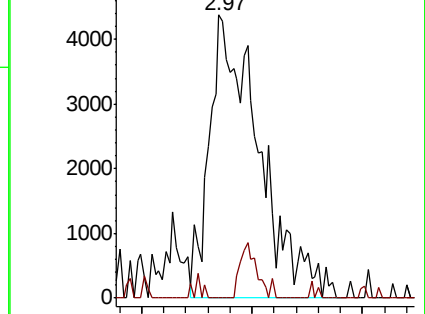
51 100

67 1.2 16.2 24.4#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.036 ppbv

RT: 3.14 min Scan# 111

Delta R.T. -0.01 min

Lab File: VL039289.D

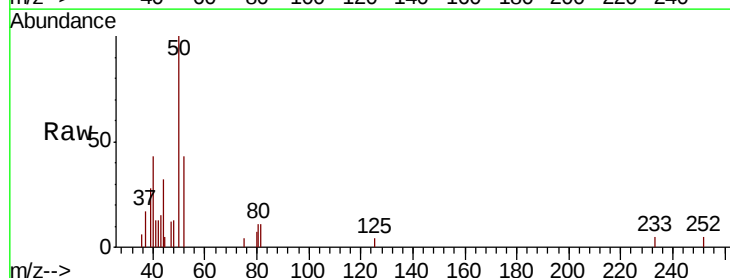
Acq: 14 Jun 2022 20:46

Tgt Ion: 50 Resp: 3567

Ion Ratio Lower Upper

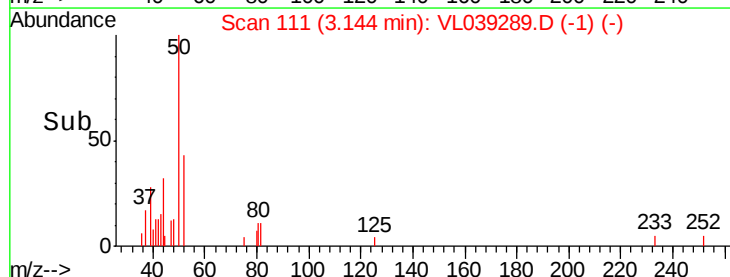
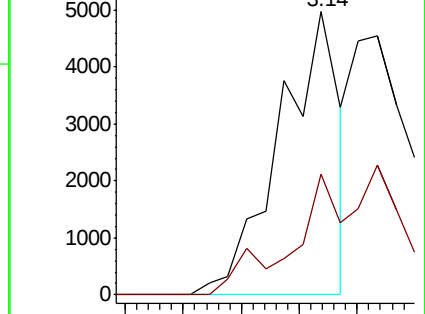
50 100

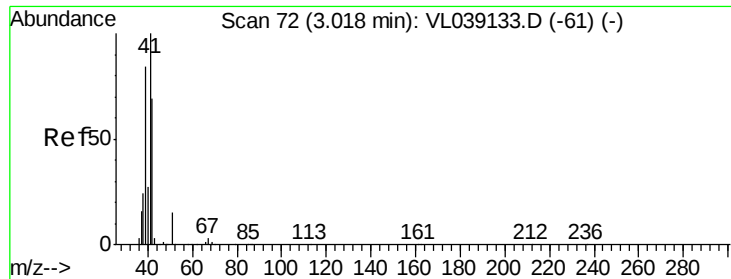
52 42.9 25.9 38.9#



Abundance Ion 50.10 (49.80 to 50.80): VL0

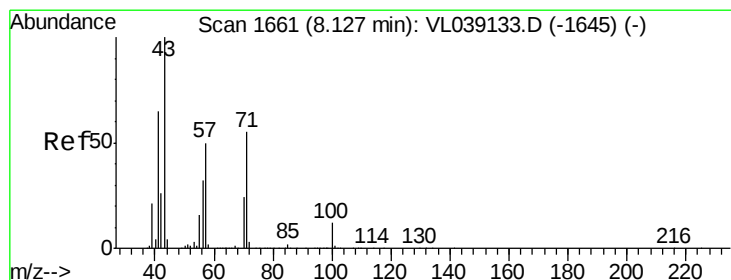
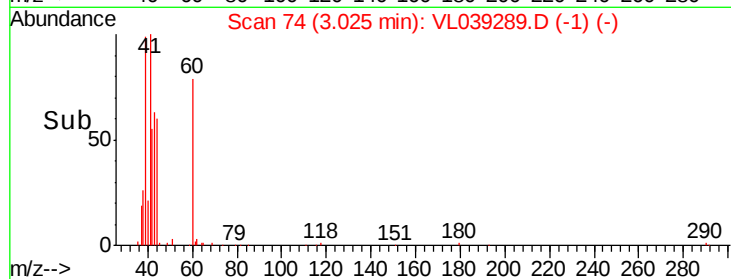
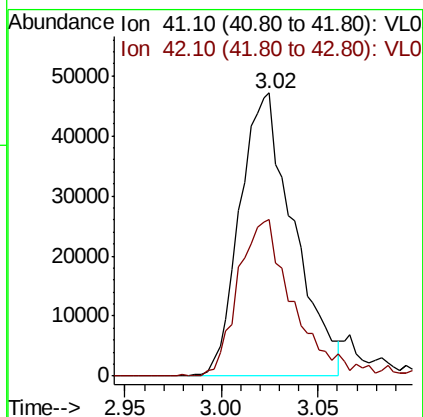
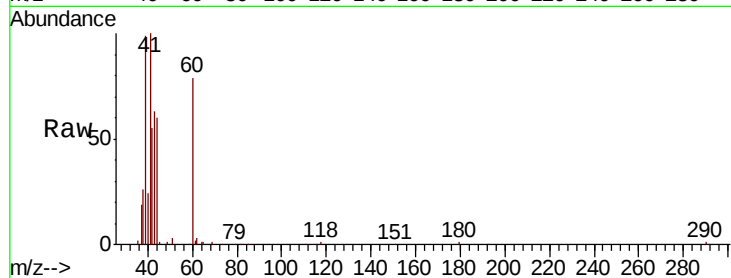
Ion 52.10 (51.80 to 52.80): VL0





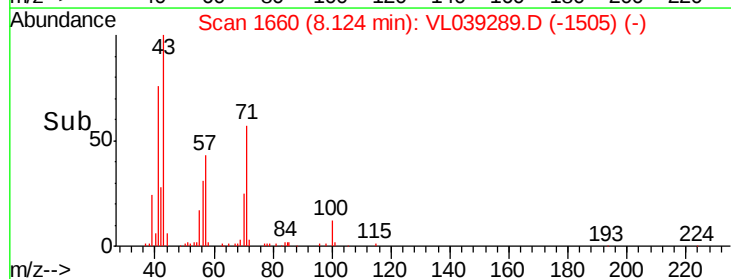
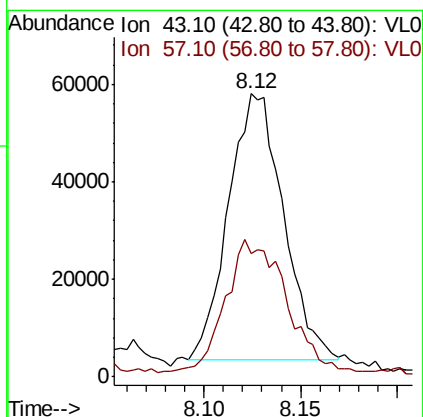
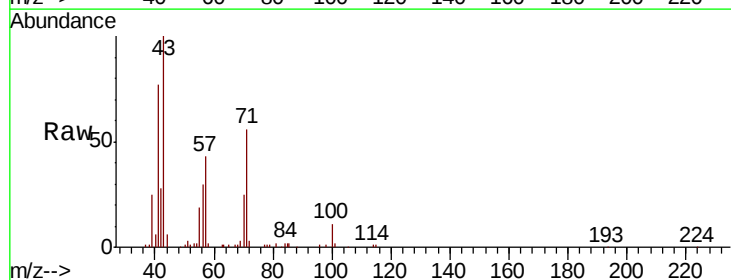
#9  
 Propene  
 Concen: 1.094 ppbv  
 RT: 3.02  
 Delta R.T. MSVOA.L  
 Lab File: ClientSampleId :  
 SS-2DL  
 Acq: 14 Jun 2022 20:46

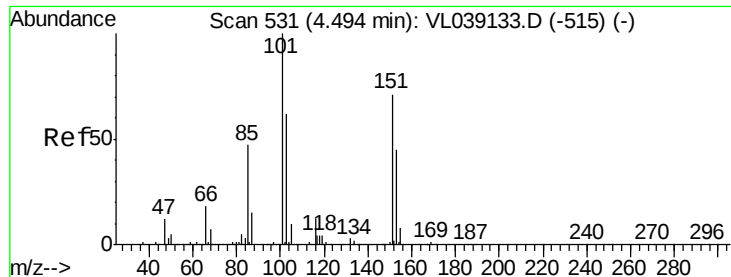
Tot Ion: 41 Resp: 91291  
 Ion Ratio Lower Upper  
 41 100  
 42 57.2 55.4 83.2



#10  
 Heptane  
 Concen: 0.551 ppbv  
 RT: 8.12 min Scan# 1660  
 Delta R.T. -0.00 min  
 Lab File: VL039289.D  
 Acq: 14 Jun 2022 20:46

Tgt Ion: 43 Resp: 107359  
 Ion Ratio Lower Upper  
 43 100  
 57 0.0 41.4 62.2#





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.048 ppbv

RT: 4.49 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

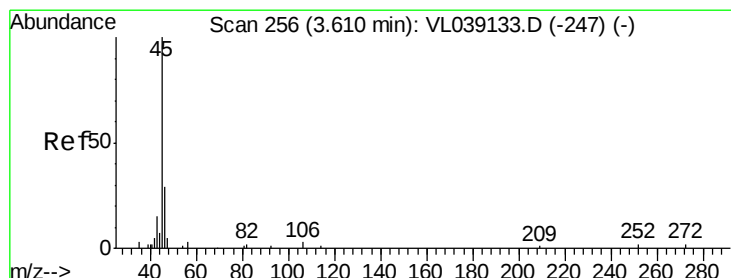
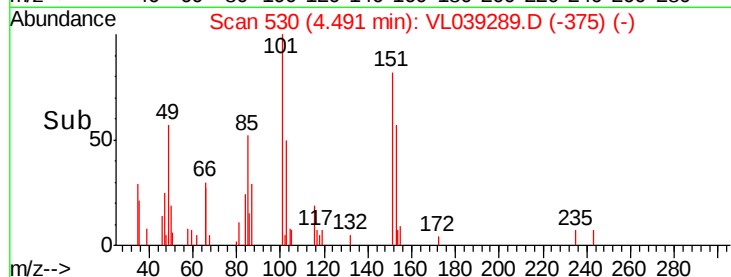
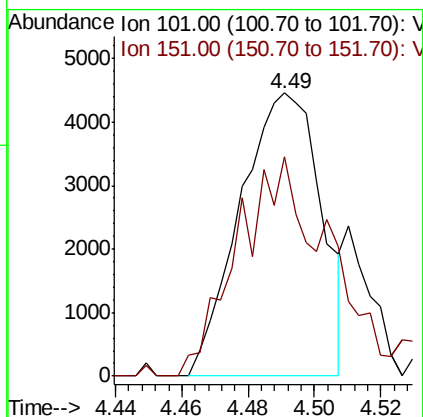
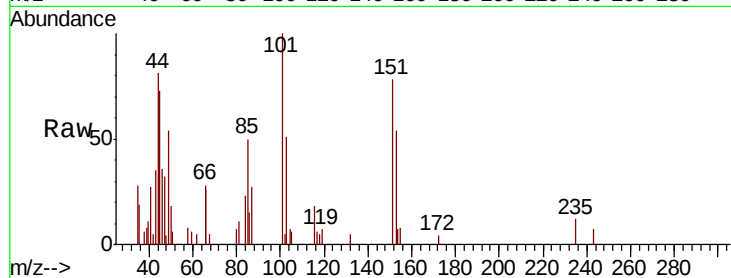
Acq: 14 Jun 2022 20:48 SS-2DL

Tot Ion: 101 Resp: 7559

Ion Ratio Lower Upper

101 100

151 94.9 59.4 89.0#



#13

Ethanol

Concen: 40.629 ppbv

RT: 3.61 min Scan# 255

Delta R.T. -0.00 min

Lab File: VL039289.D

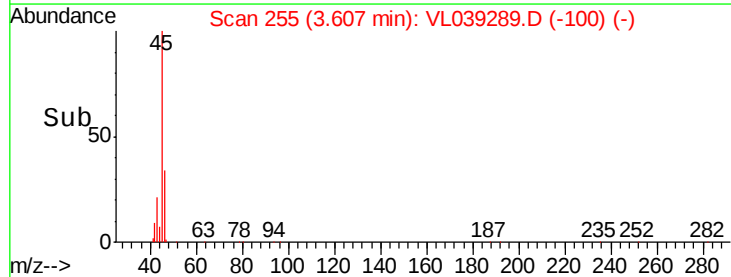
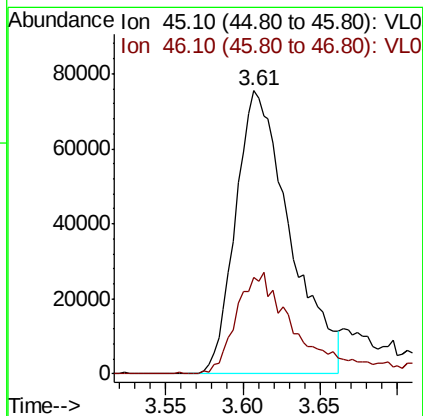
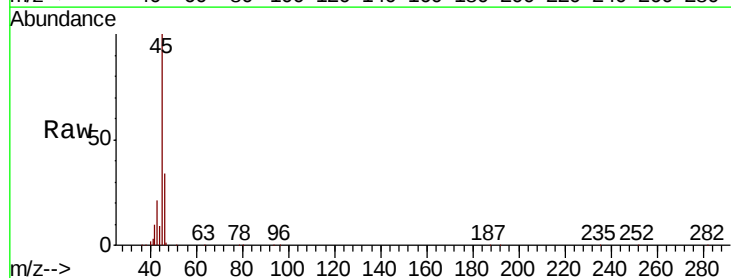
Acq: 14 Jun 2022 20:46

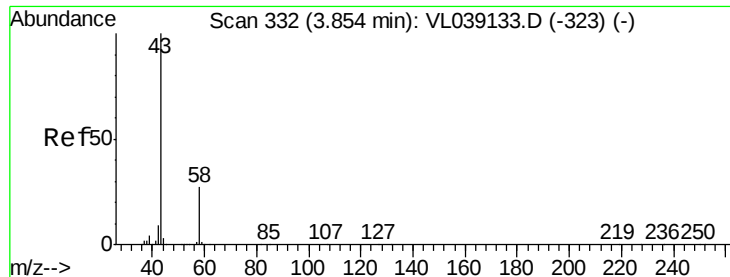
Tgt Ion: 45 Resp: 184934

Ion Ratio Lower Upper

45 100

46 39.2 0.0 0.0#





#15

Acetone

Concen: 8.783 ppbv

RT: 3.85 Instrument :

Delta R.T. MSVOA\_L

Lab File: ClientSampleId :

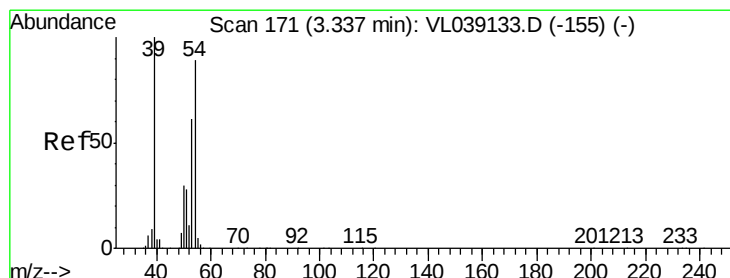
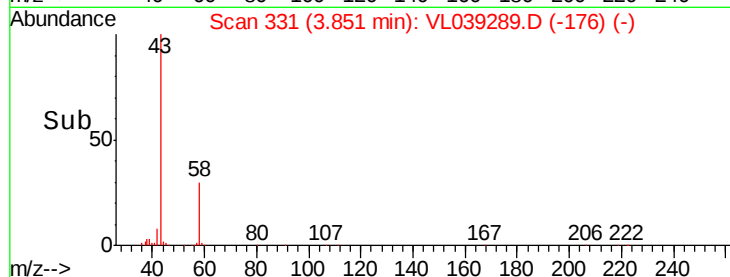
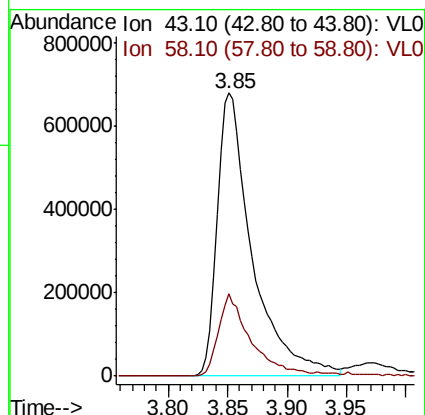
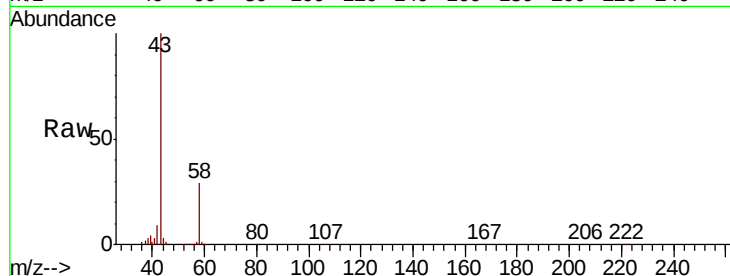
Acq: 14 Jun 2022 20:48

Tot Ion: 43 Resp: 1376398

Ion Ratio Lower Upper

43 100

58 28.8 22.5 33.7



#16

1,3-Butadiene

Concen: 0.827 ppbv

RT: 3.31 min Scan# 163

Delta R.T. -0.03 min

Lab File: VL039289.D

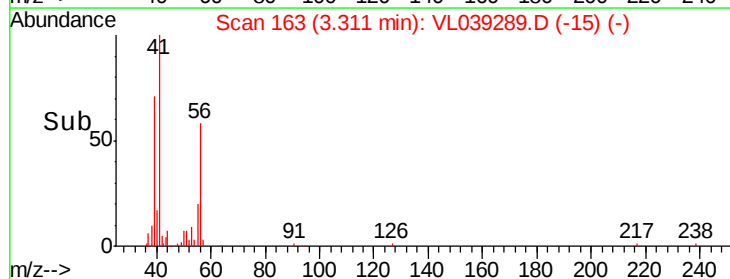
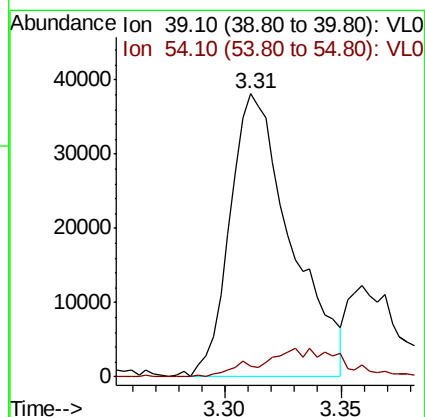
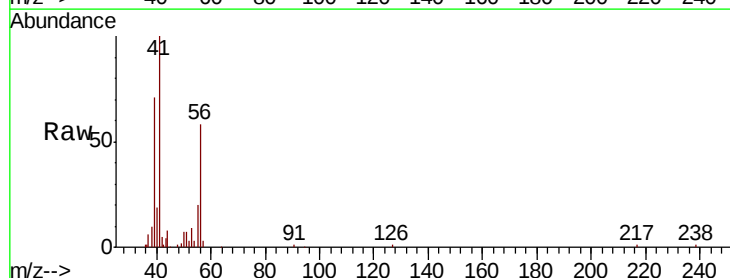
Acq: 14 Jun 2022 20:46

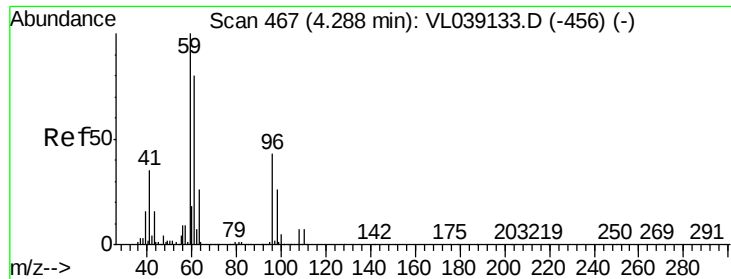
Tgt Ion: 39 Resp: 69706

Ion Ratio Lower Upper

39 100

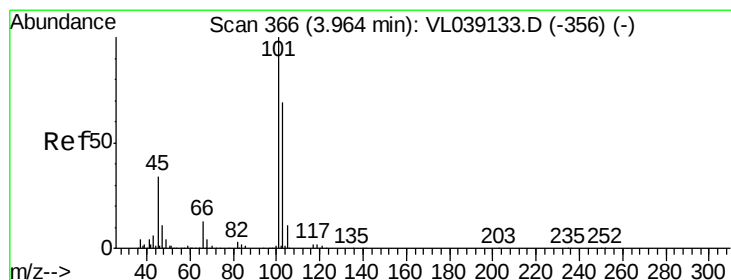
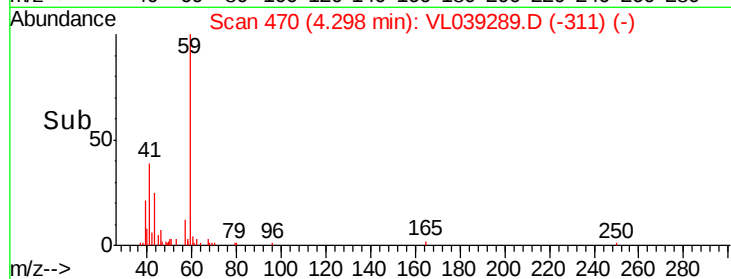
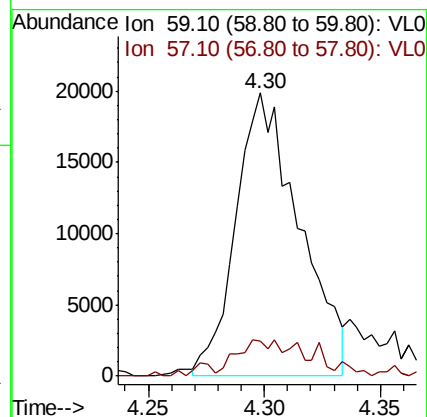
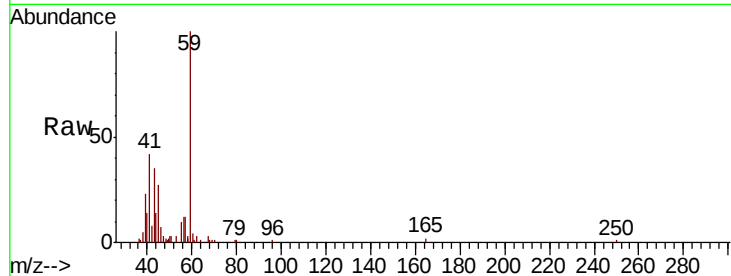
54 13.5 65.8 98.6#





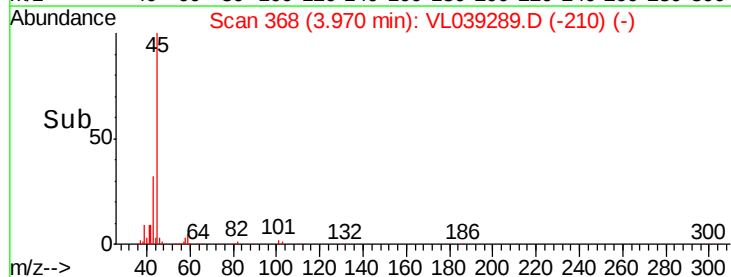
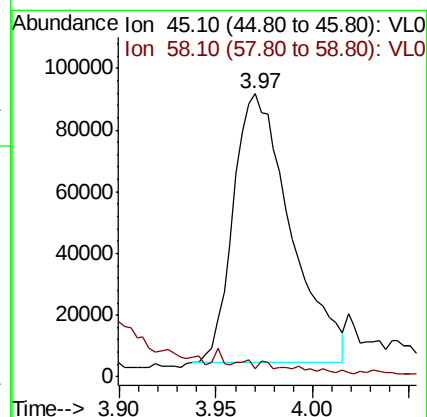
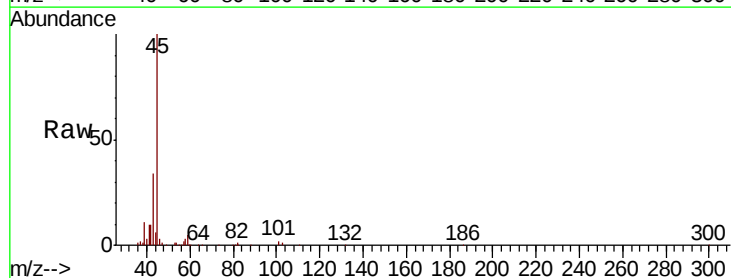
#17  
 tert-Butyl alcohol  
 Concen: 0.311 ppbv  
 RT: 4.30  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 SS-2DL  
 Acq: 14 Jun 2022 20:46

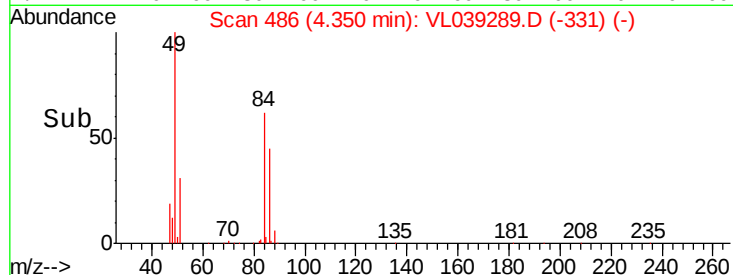
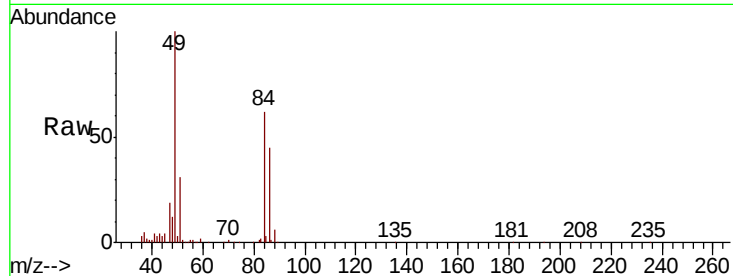
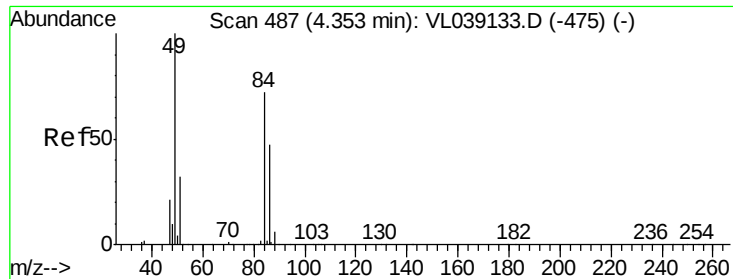
Tot Ion: 59 Resp: 37825  
 Ion Ratio Lower Upper  
 59 100  
 57 16.4 9.1 13.7#



#19  
 Isopropyl Alcohol  
 Concen: 2.445 ppbv  
 RT: 3.97 min Scan# 368  
 Delta R.T. 0.01 min  
 Lab File: VL039289.D  
 Acq: 14 Jun 2022 20:46

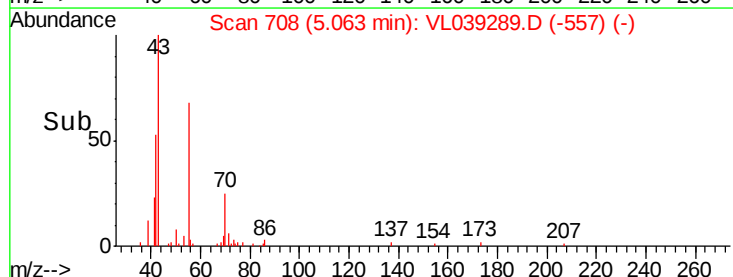
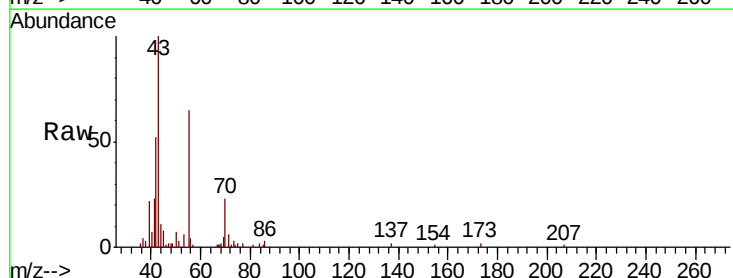
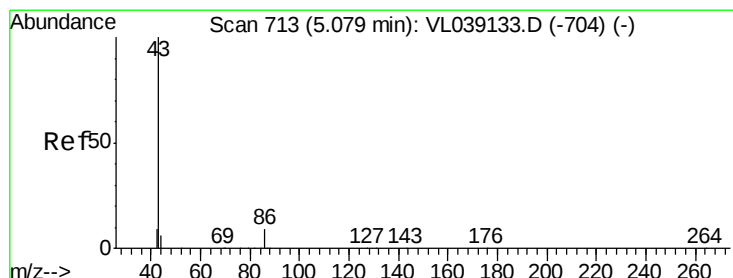
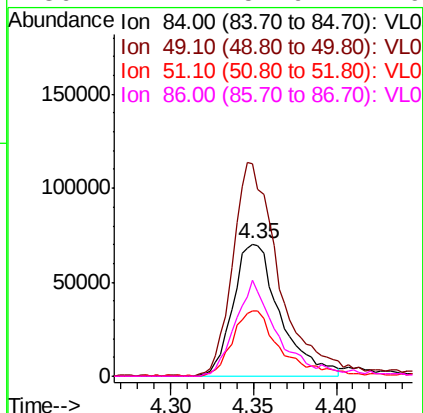
Tgt Ion: 45 Resp: 179740  
 Ion Ratio Lower Upper  
 45 100  
 58 211.6 1.8 2.8#





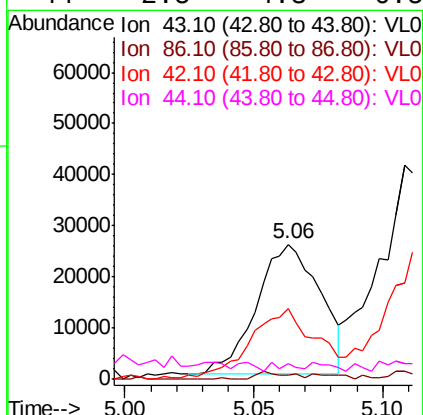
#20  
Methvlene Chloride  
Concen: 2.097 ppbv  
RT: 4.35  
Delta R.T. MSVOA\_L  
Lab File: ClientSampleId :  
Acq: 14 Jun 2022 20:46

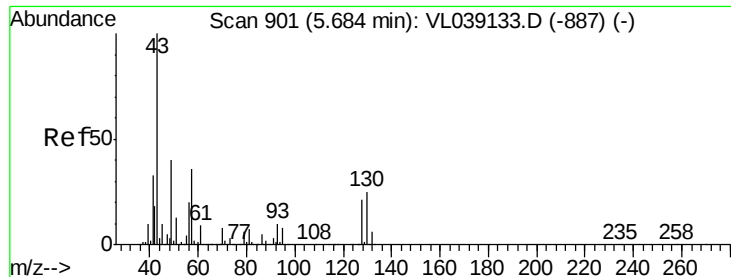
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 84    | Resp: | 138456 |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 160.7 | 111.1 | 166.7  |
| 51       | 48.7  | 35.3  | 52.9   |
| 86       | 72.1  | 51.9  | 77.9   |



#23  
Vinyl Acetate  
Concen: 0.338 ppbv  
RT: 5.06 min Scan# 708  
Delta R.T. -0.02 min  
Lab File: VL039289.D  
Acq: 14 Jun 2022 20:46

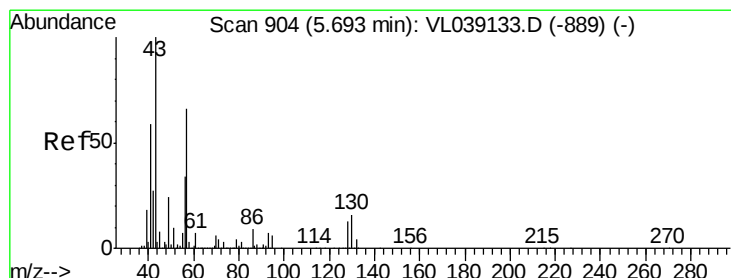
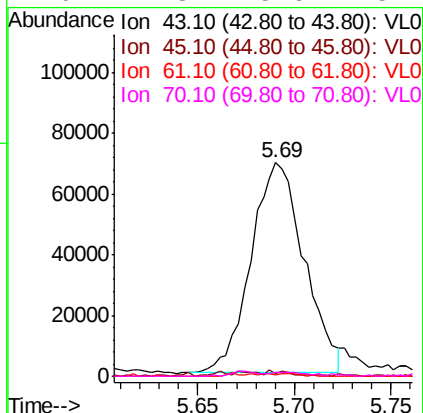
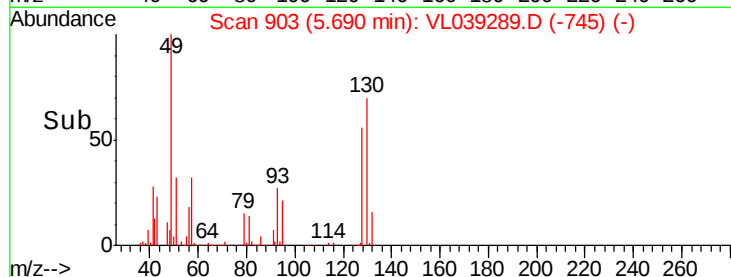
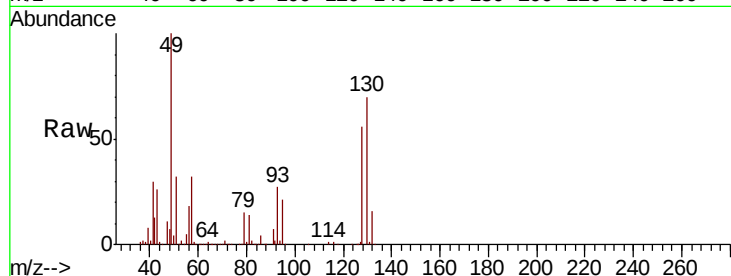
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 43832 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 86       | 3.2   | 6.0   | 9.0#  |
| 42       | 50.7  | 8.2   | 12.4# |
| 44       | 2.5   | 4.3   | 6.5#  |





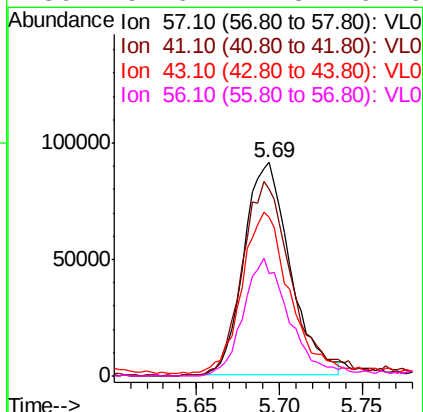
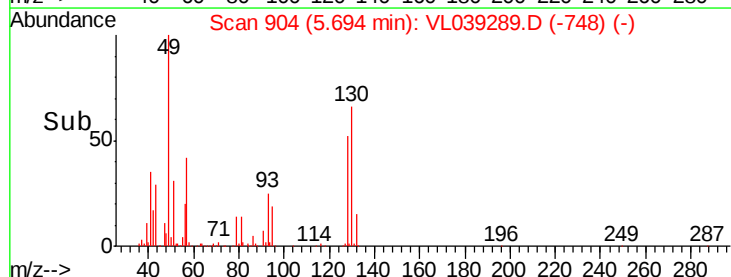
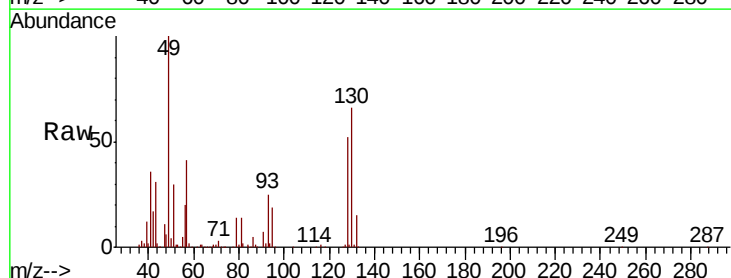
#25  
Ethyl Acetate  
Concen: 0.375 ppbv  
RT: 5.69  
Instrument: MSVOA\_1  
Delta R.T.:  
Lab File: ClientSampleId:  
Acq: 14 Jun 2022 20:46

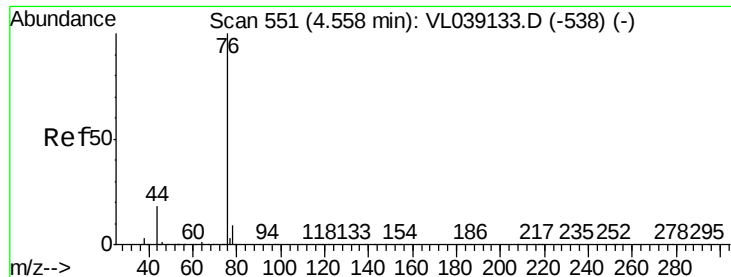
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 132412 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 45       | 3.3   | 8.2   | 12.2#  |
| 61       | 1.3   | 8.4   | 12.6#  |
| 70       | 2.8   | 5.6   | 8.4#   |



#26  
Hexane  
Concen: 1.148 ppbv  
RT: 5.69 min Scan# 904  
Delta R.T.: 0.00 min  
Lab File: VL039289.D  
Acq: 14 Jun 2022 20:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 57    | Resp: | 178127 |
| Ion      | Ratio | Lower | Upper  |
| 57       | 100   |       |        |
| 41       | 100.8 | 72.4  | 108.6  |
| 43       | 78.9  | 187.0 | 280.6# |
| 56       | 57.6  | 41.8  | 62.6   |





#27

Carbon Disulfide

Concen: 0.148 ppbv

RT: 4.56 Instrument:

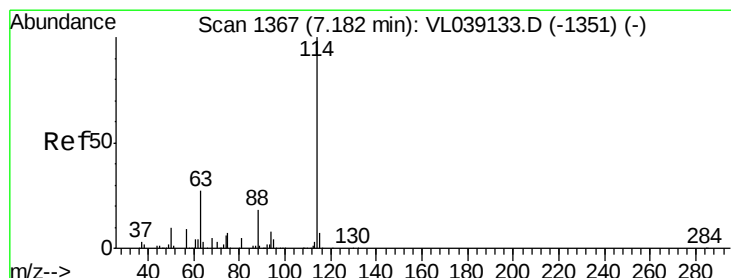
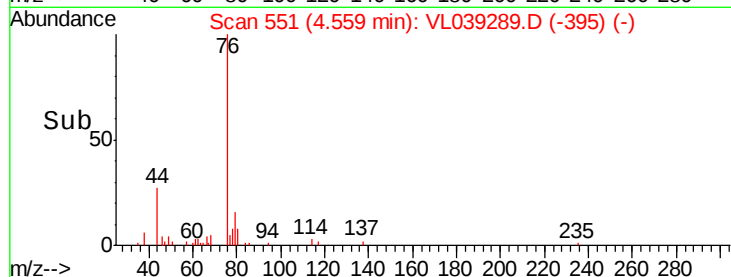
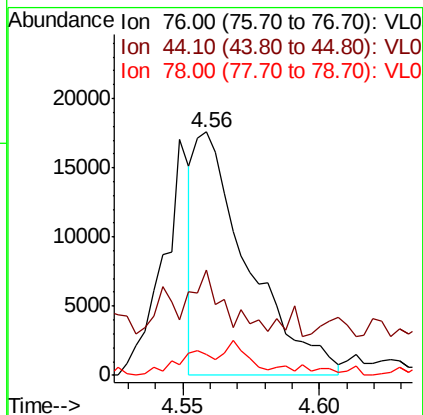
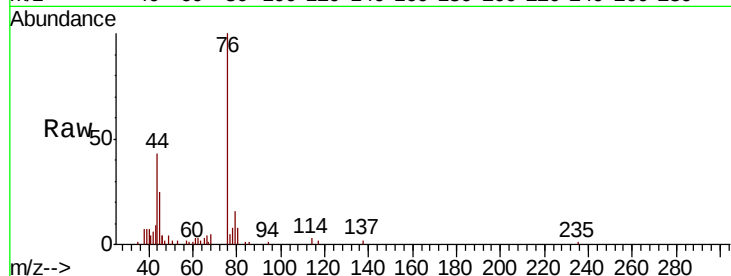
Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 14 Jun 2022 20:46 SS-2DL

Tot Ion: 76 Resp: 23777

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 76  | 100   |       |       |
| 44  | 41.7  | 14.4  | 21.6# |
| 78  | 18.6  | 7.7   | 11.5# |



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

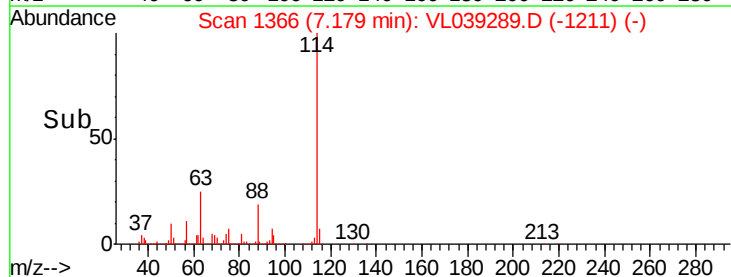
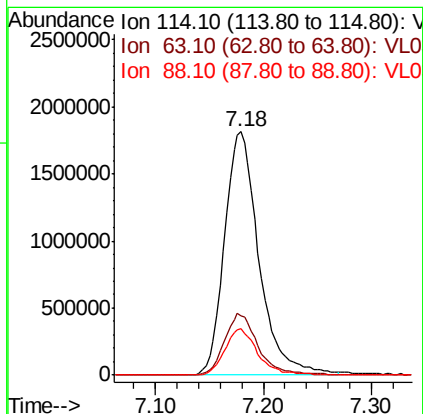
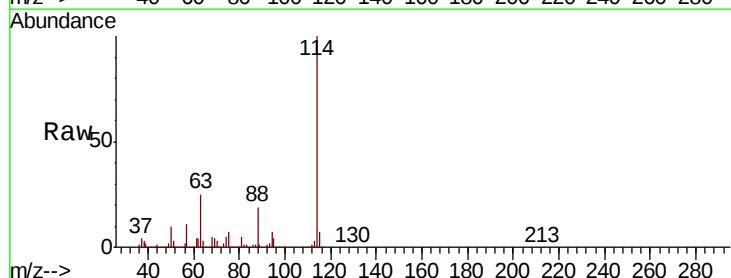
Delta R.T. -0.00 min

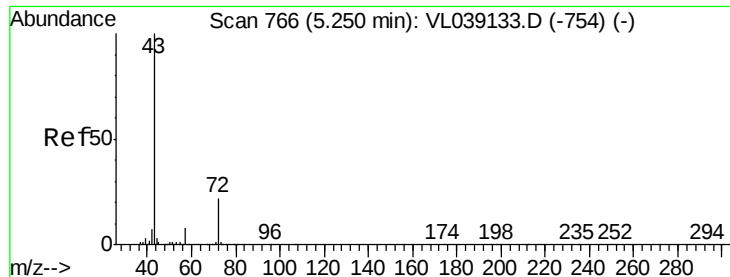
Lab File: VL039289.D

Acq: 14 Jun 2022 20:46

Tgt Ion: 114 Resp: 4020454

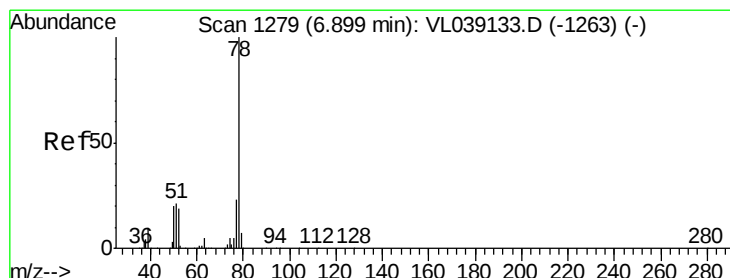
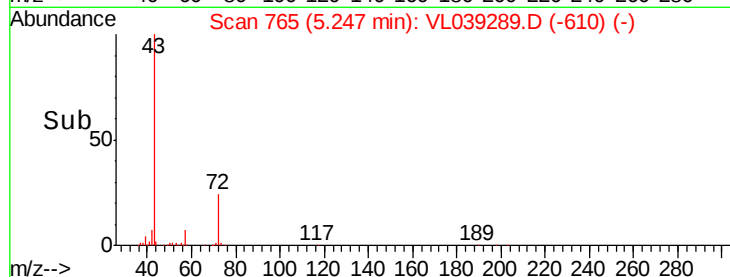
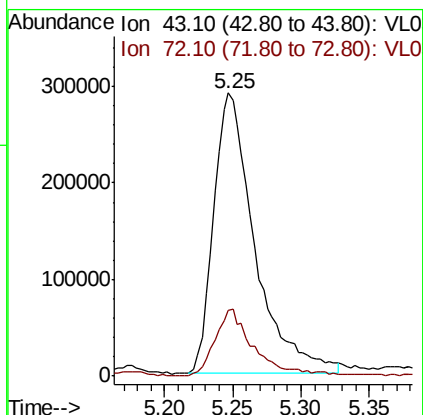
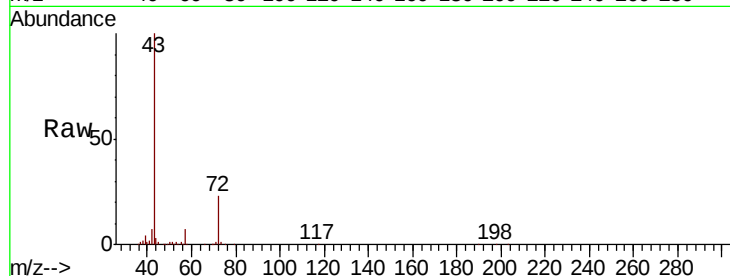
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 25.1  | 21.7  | 32.5  |
| 88  | 18.5  | 14.8  | 22.2  |





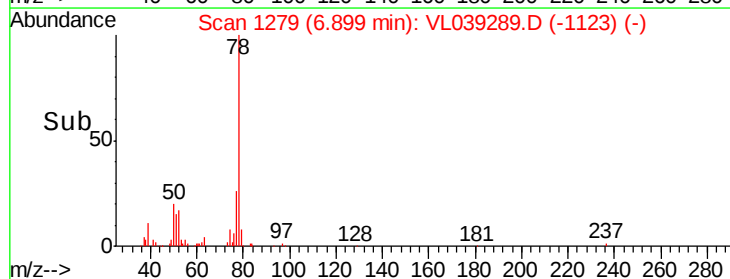
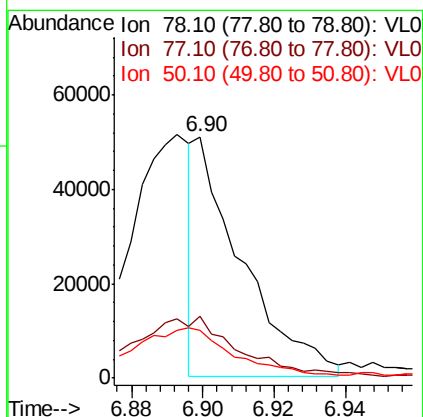
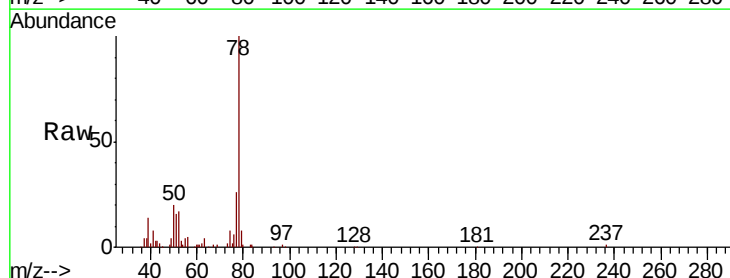
#34  
2-Butanone  
Concen: 2.791 ppbv  
RT: 5.25  
Delta R.T. MSVOA\_L  
Lab File: ClientSampleId :  
Acq: 14 Jun 2022 20:48

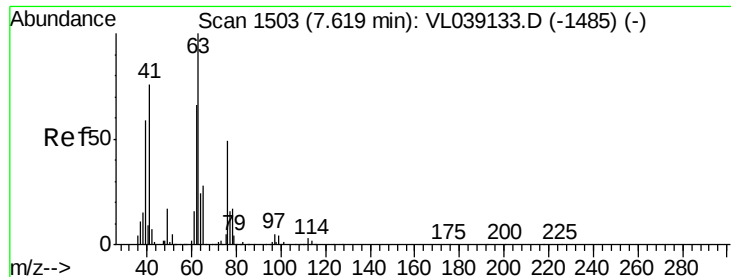
Tot Ion: 43 Resp: 609626  
Ion Ratio Lower Upper  
43 100  
72 24.0 18.2 27.2



#36  
Benzene  
Concen: 0.142 ppbv  
RT: 6.90 min Scan# 1279  
Delta R.T. 0.00 min  
Lab File: VL039289.D  
Acq: 14 Jun 2022 20:46

Tgt Ion: 78 Resp: 46199  
Ion Ratio Lower Upper  
78 100  
77 25.0 18.6 27.8  
50 20.2 15.8 23.8





#39

1,2-Dichloropropane

Concen: 7.539 ppbv

RT: 7.18 Instrument:

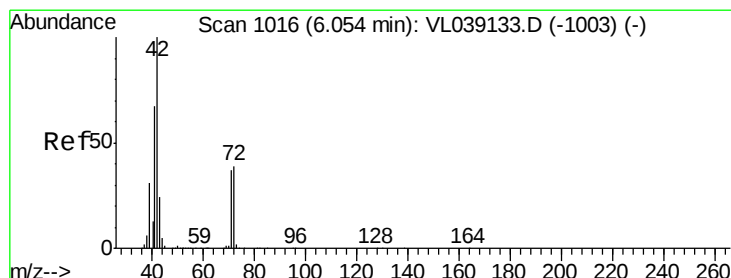
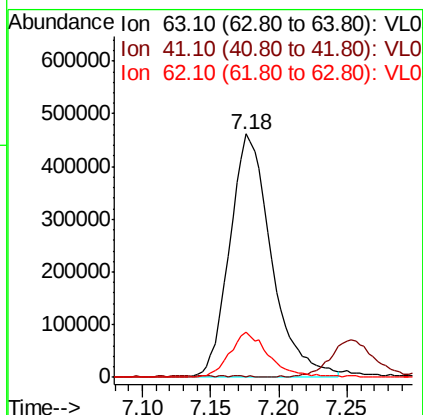
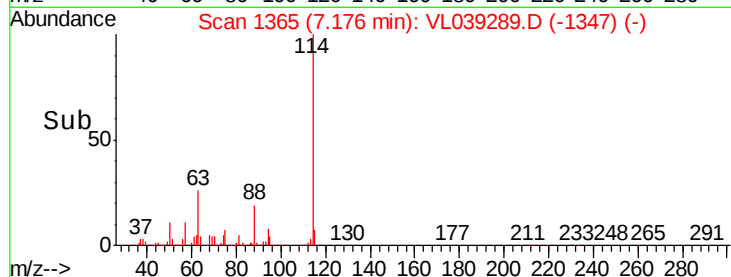
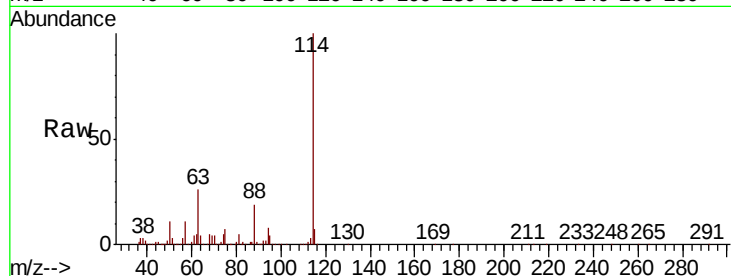
Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 14 Jun 2022 20:46 SS-2DL

Tot Ion: 63 Resp: 978825

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 41  | 0.0   | 60.8  | 91.2# |
| 62  | 18.3  | 52.9  | 79.3# |



#41

Tetrahydrofuran

Concen: 1.366 ppbv

RT: 6.06 min Scan# 1018

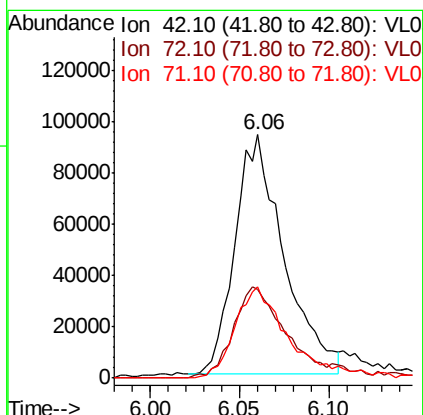
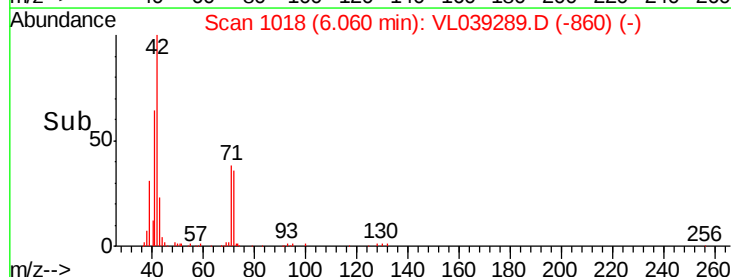
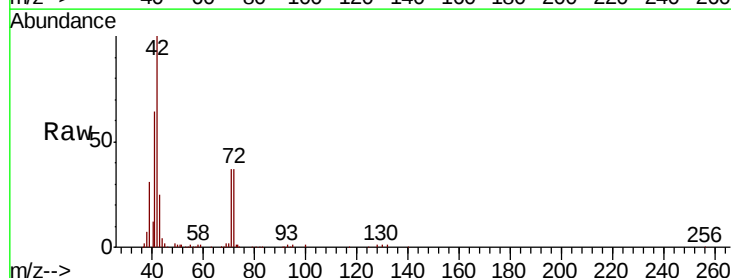
Delta R.T. 0.01 min

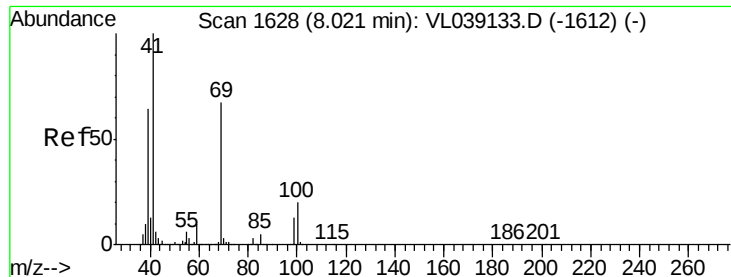
Lab File: VL039289.D

Acq: 14 Jun 2022 20:46

Tgt Ion: 42 Resp: 179459

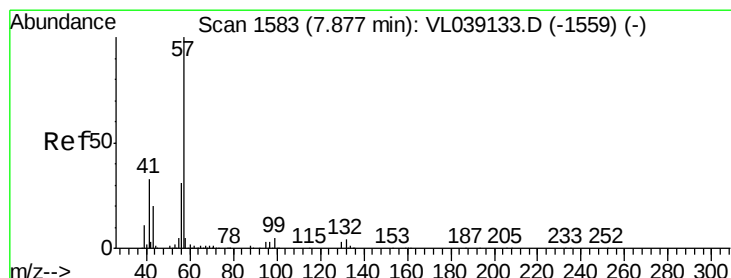
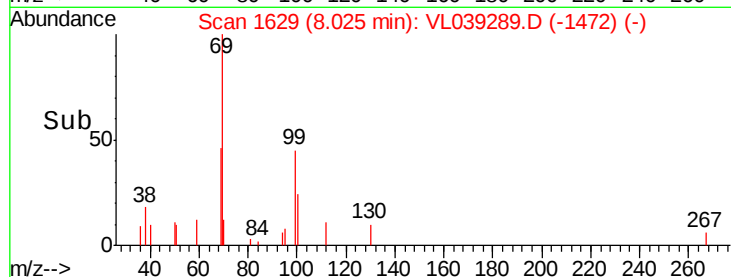
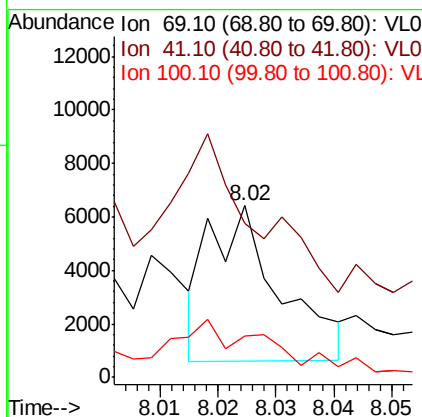
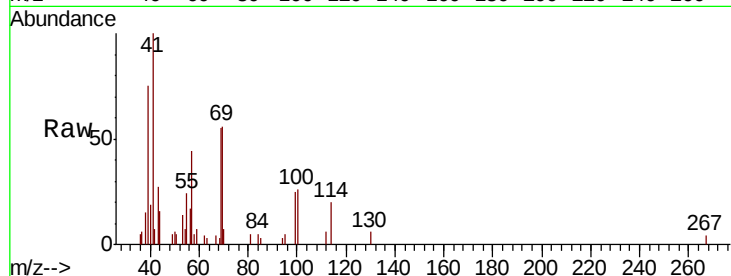
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 45.5  | 32.0  | 48.0  |
| 71  | 43.2  | 31.1  | 46.7  |





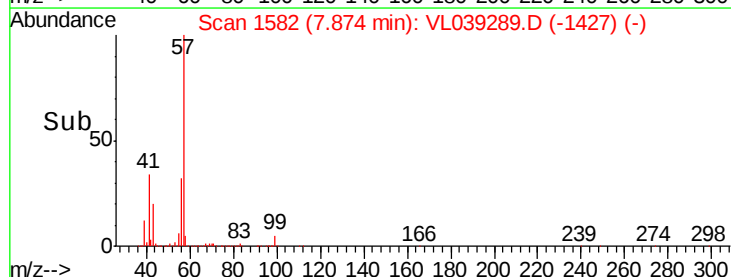
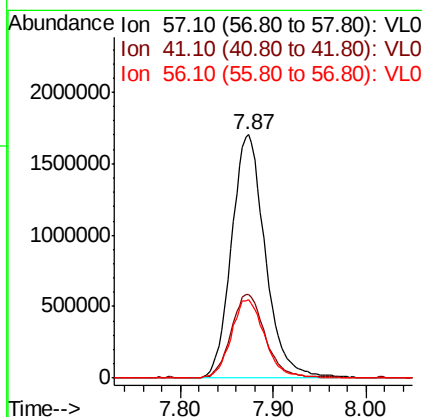
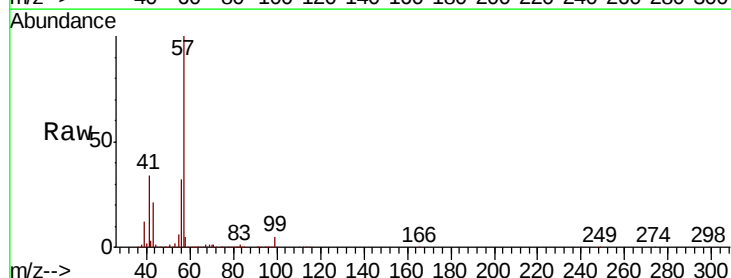
#43  
Methyl Methacrylate  
Concen: 0.039 ppbv  
RT: 8.02  
Instrument: MSVOA\_1  
Delta R.T.:  
Lab File: ClientSampleId:  
Acq: 14 Jun 2022 20:46

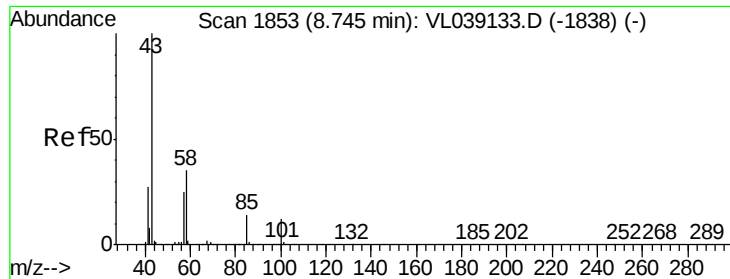
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 69      | 100   |       |        |
| 41      | 0.0   | 121.9 | 182.9# |
| 100     | 66.7  | 24.1  | 36.1#  |



#44  
2,2,4-Trimethylpentane  
Concen: 7.515 ppbv  
RT: 7.87 min Scan# 1582  
Delta R.T. -0.00 min  
Lab File: VL039289.D  
Acq: 14 Jun 2022 20:46

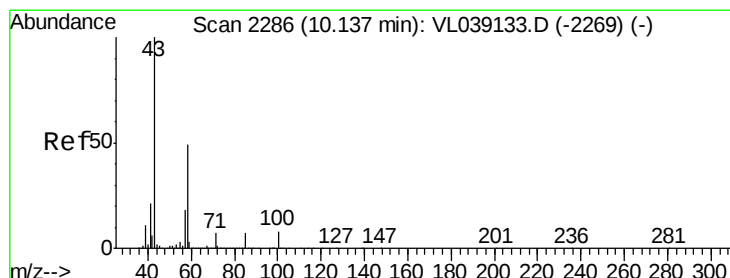
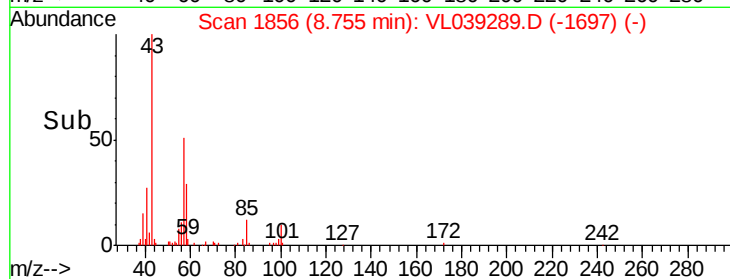
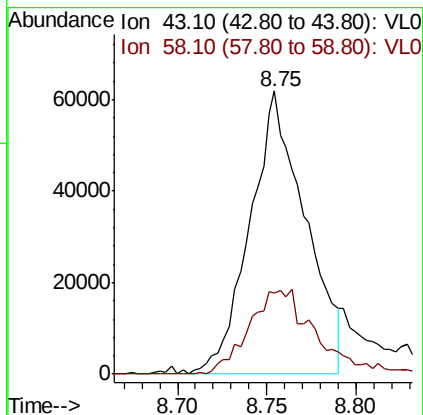
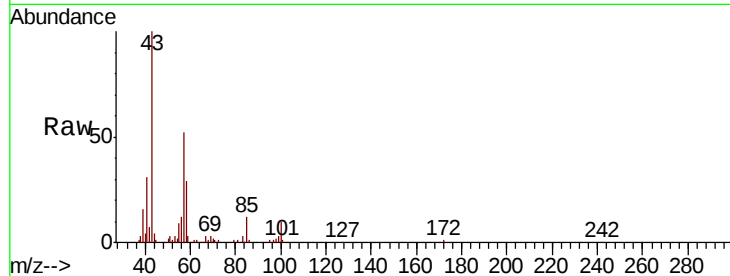
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 57      | 100   |       |       |
| 41      | 34.3  | 26.2  | 39.4  |
| 56      | 32.2  | 24.7  | 37.1  |





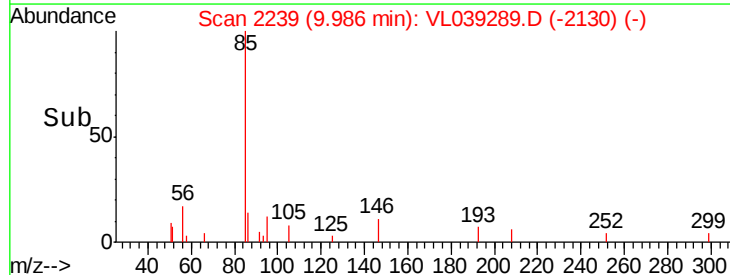
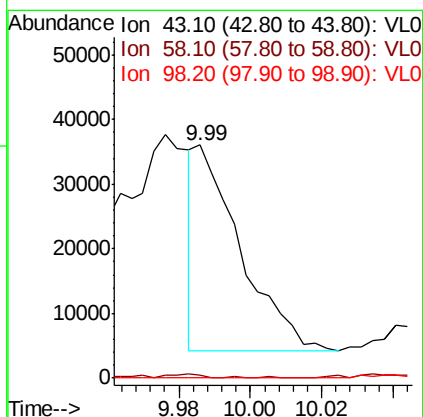
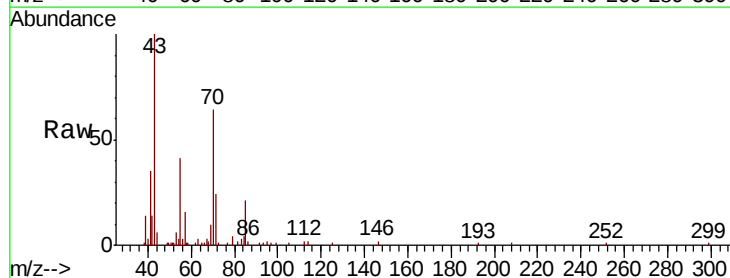
#50  
 4-Methyl-2-Pentanone  
 Concen: 0.406 ppbv  
 RT: 8.75  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 SS-2DL  
 Acq: 14 Jun 2022 20:46

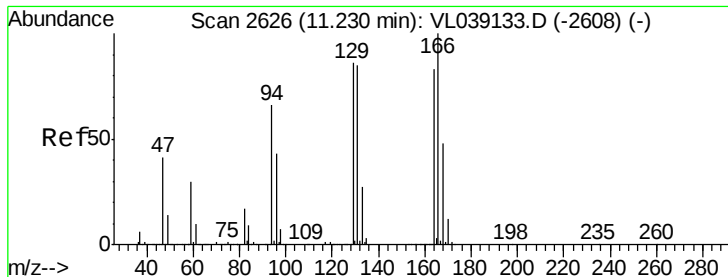
Tot Ion: 43 Resp: 132675  
 Ion Ratio Lower Upper  
 43 100  
 58 36.6 28.7 43.1



#51  
 2-Hexanone  
 Concen: 0.110 ppbv  
 RT: 9.99 min Scan# 2239  
 Delta R.T. -0.15 min  
 Lab File: VL039289.D  
 Acq: 14 Jun 2022 20:46

Tgt Ion: 43 Resp: 27886  
 Ion Ratio Lower Upper  
 43 100  
 58 30.5 40.0 60.0#  
 98 5.9 0.1 0.1#





#52

Tetrachloroethene

Concen: 0.214 ppbv

RT: 11.22 Instrument:

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

Acq: 14 Jun 2022 20:48 SS-2DL

Tot Ion:164 Resp: 27260

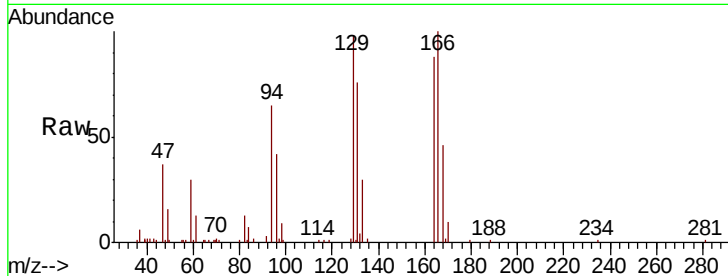
Ion Ratio Lower Upper

164 100

166 112.0 96.3 144.5

129 110.2 82.5 123.7

131 85.0 82.1 123.1



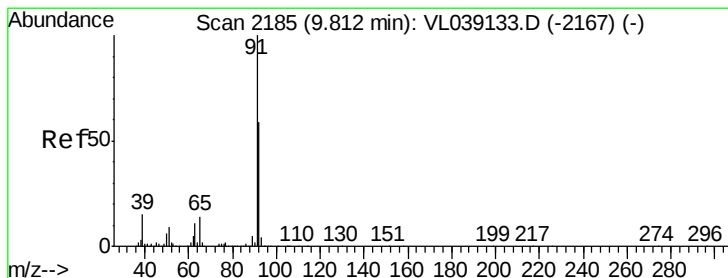
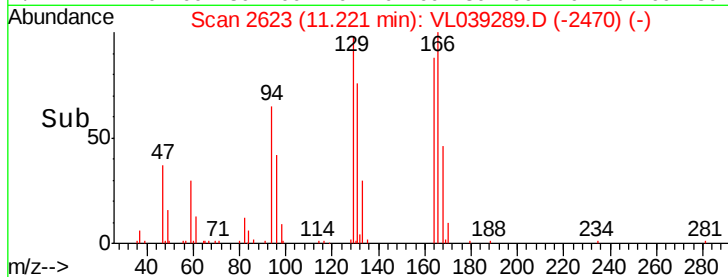
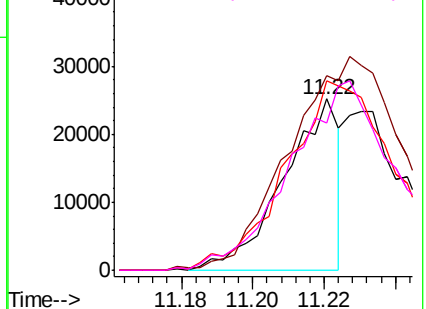
Abundance

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: 0.398 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. -0.01 min

Lab File: VL039289.D

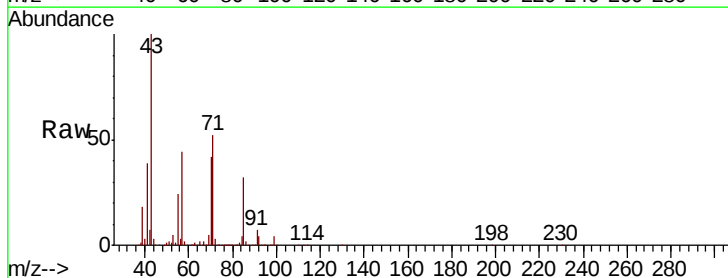
Acq: 14 Jun 2022 20:46

Tgt Ion: 91 Resp: 149544

Ion Ratio Lower Upper

91 100

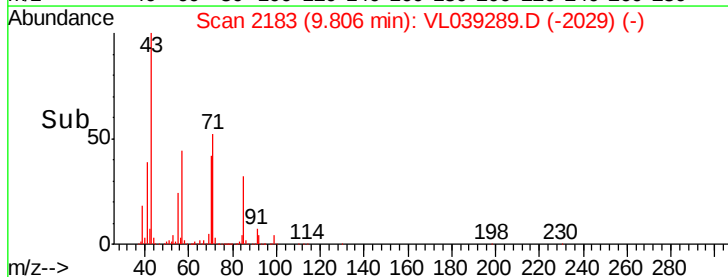
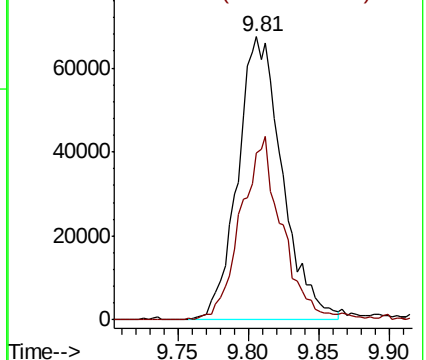
92 61.2 48.1 72.1

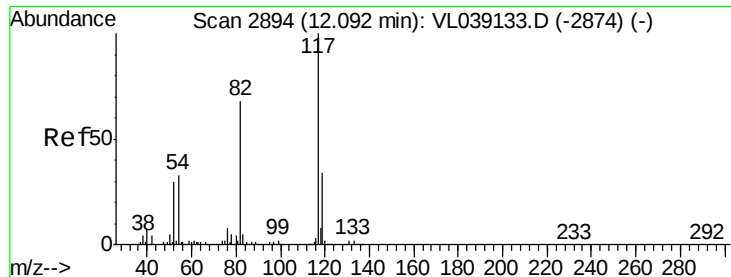


Abundance

Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

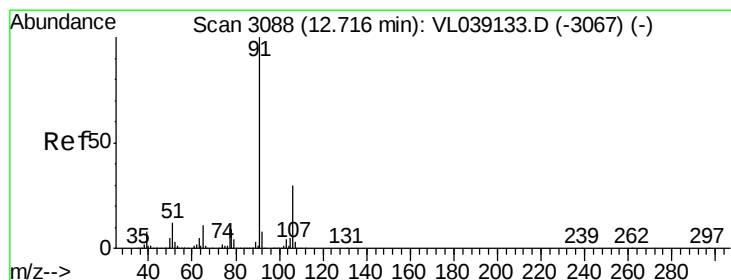
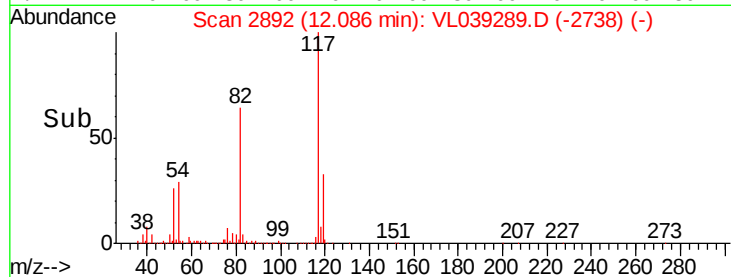
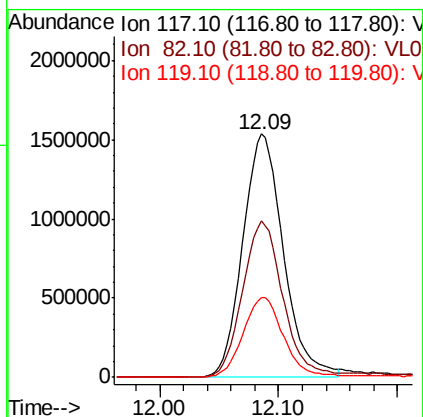
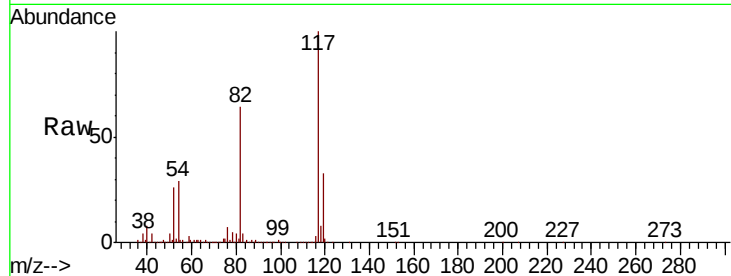




#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 12.09 min  
Instrument: MSVOA\_L  
Delta R.T.:  
Lab File: ClientSampleId:  
Acq: 14 Jun 2022 20:48

Tot Ion: 117 Resp: 3642277

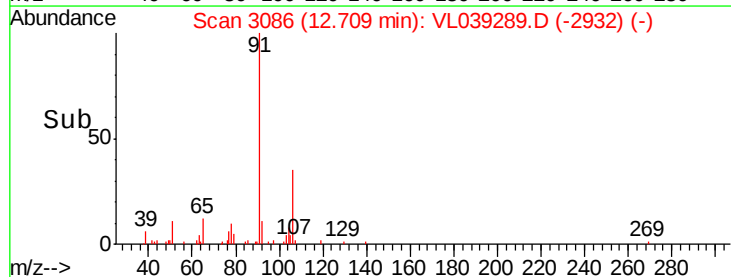
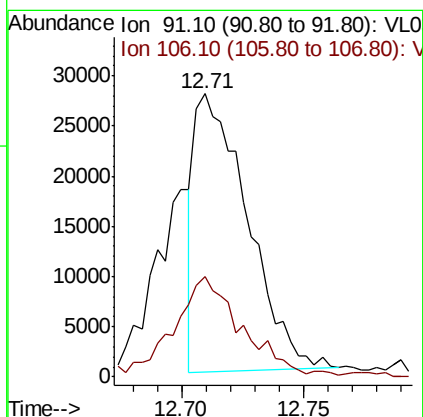
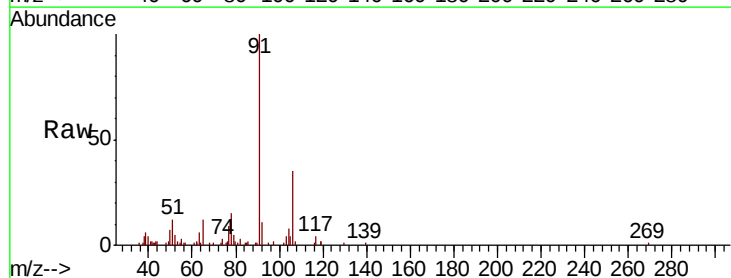
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 66.7  | 55.1  | 82.7  |
| 119 | 33.5  | 24.7  | 37.1  |

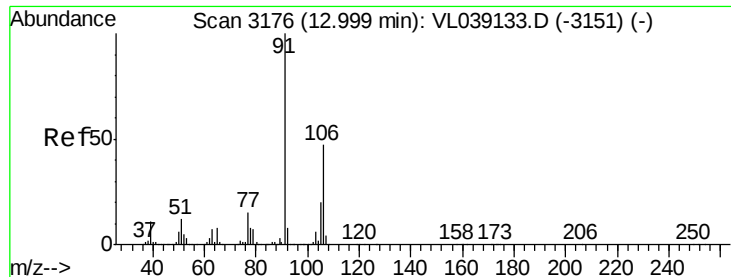


#58  
Ethyl Benzene  
Concen: 0.083 ppbv  
RT: 12.71 min Scan# 3086  
Delta R.T.: -0.01 min  
Lab File: VL039289.D  
Acq: 14 Jun 2022 20:46

Tgt Ion: 91 Resp: 41519

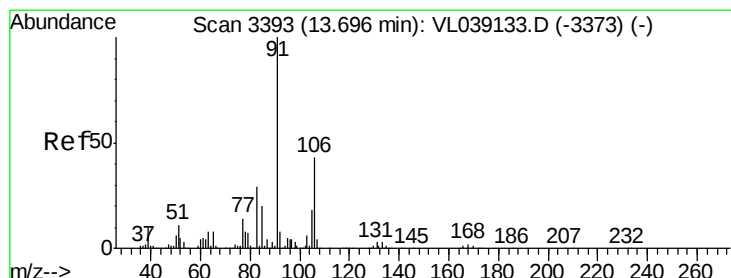
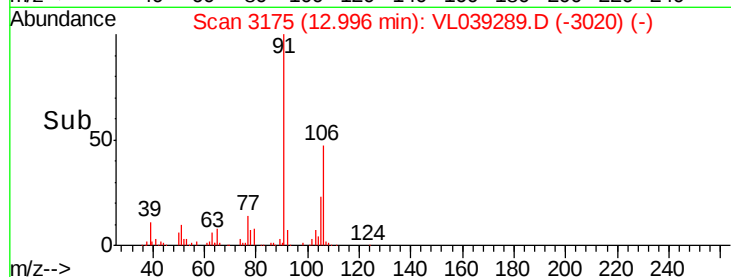
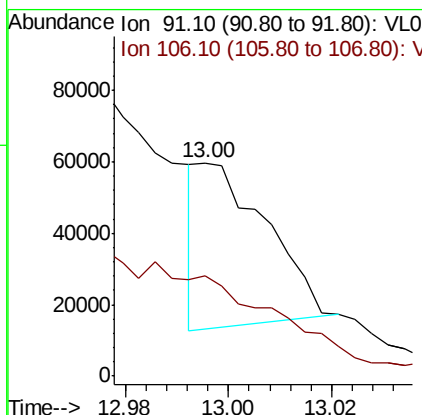
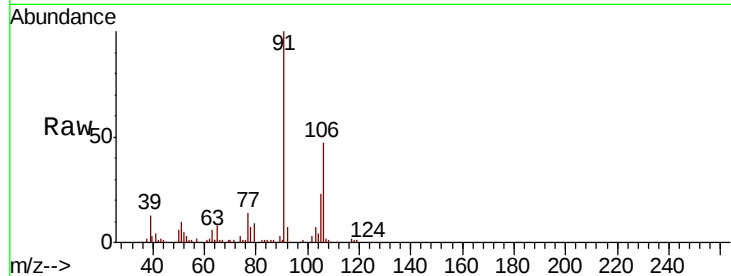
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 106 | 35.7  | 24.2  | 36.4  |





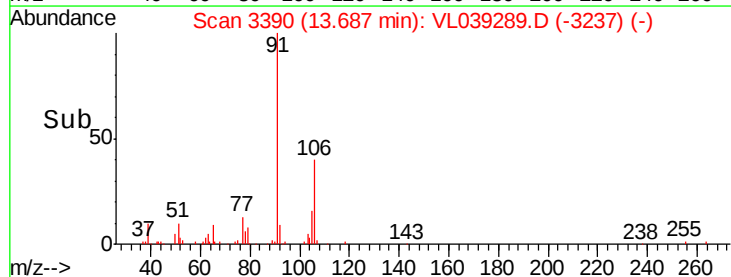
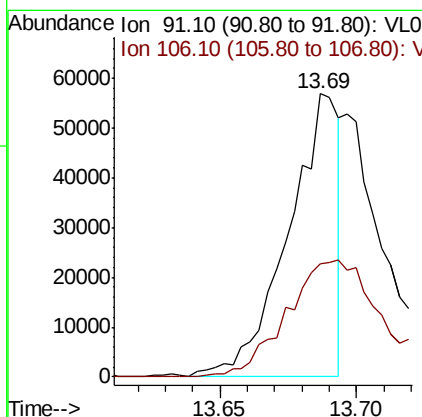
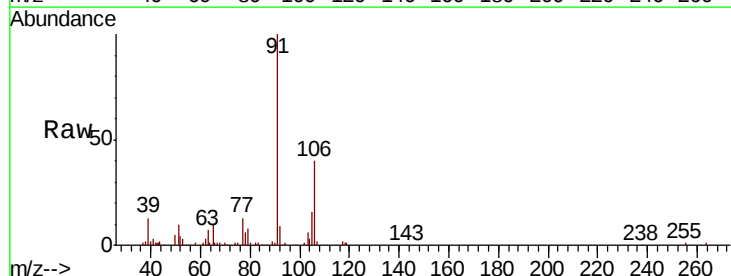
#59  
m/p-Xylene  
Concen: 0.094 ppbv  
RT: 13.00  
Delta R.T. MSVOA\_L  
Lab File: ClientSampled :  
Acq: 14 Jun 2022 20:46

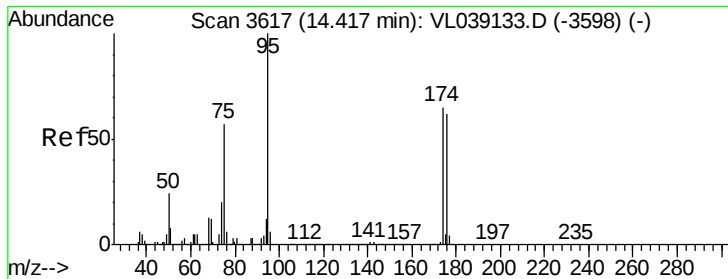
Tot Ion: 91 Resp: 41742  
Ion Ratio Lower Upper  
91 100  
106 0.0 34.3 51.5#



#60  
o-Xylene  
Concen: 0.177 ppbv  
RT: 13.69 min Scan# 3390  
Delta R.T. -0.01 min  
Lab File: VL039289.D  
Acq: 14 Jun 2022 20:46

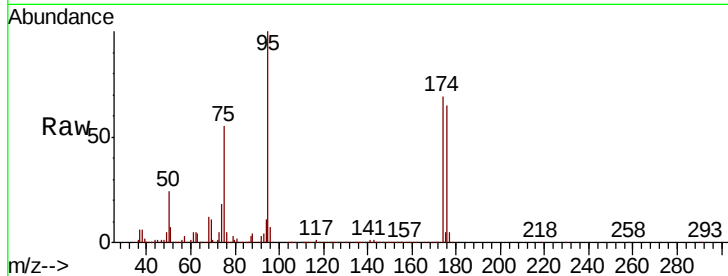
Tgt Ion: 91 Resp: 73443  
Ion Ratio Lower Upper  
91 100  
106 0.0 22.3 66.9#



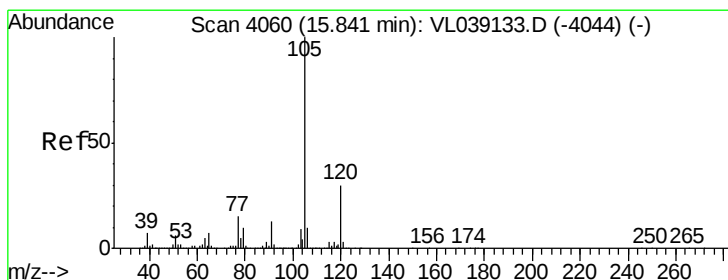
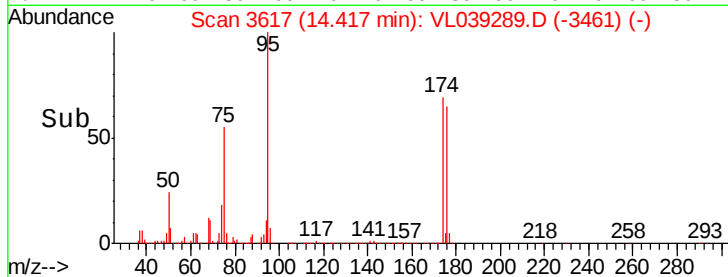
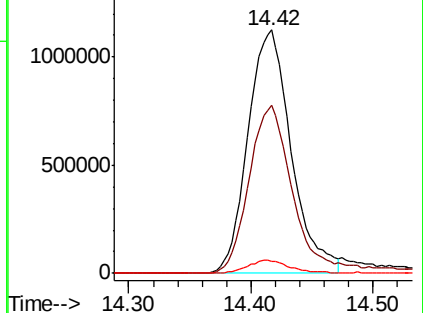


#68  
 1-Bromo-4-Fluorobenzene  
 Concen: 9.168 ppbv  
 RT: 14.42 min  
 Delta R.T. MSVOA\_L  
 Lab File: ClientSampleId :  
 SS-2DL  
 Acq: 14 Jun 2022 20:48

Tot Ion: 95 Resp: 2760590  
 Ion Ratio Lower Upper  
 95 100  
 174 73.7 53.8 80.8  
 175 5.3 4.1 6.1

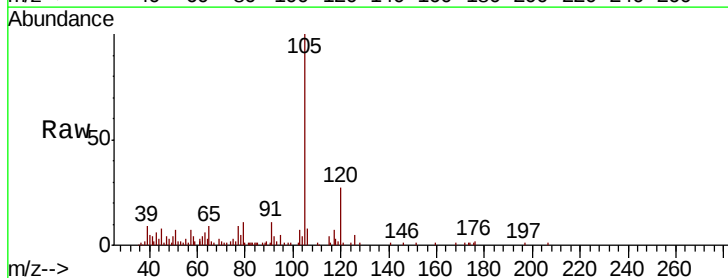


Abundance Ion 95.10 (94.80 to 95.80): VL0  
 Ion 174.00 (173.70 to 174.70): V  
 Ion 175.00 (174.70 to 175.70): V

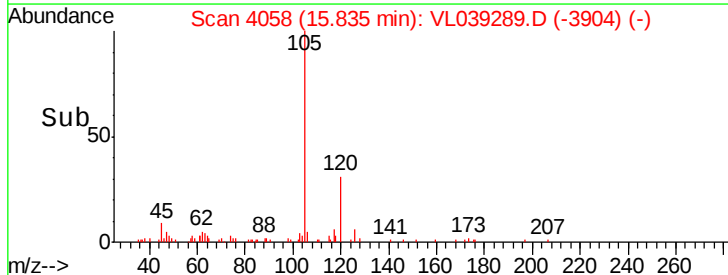
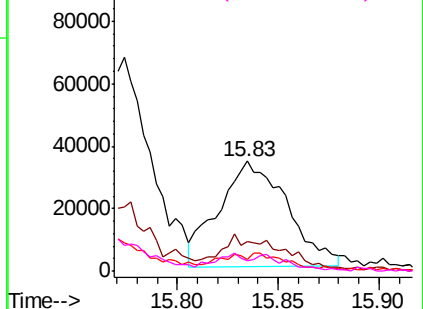


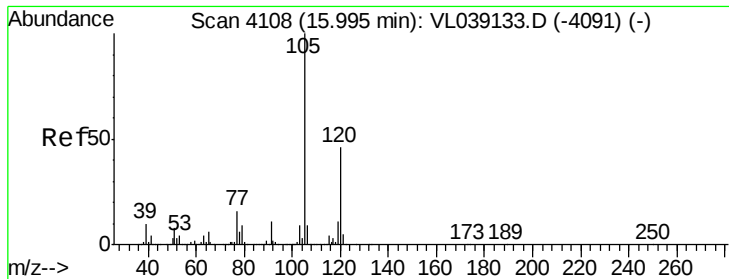
#72  
 4-Ethyltoluene  
 Concen: 0.165 ppbv  
 RT: 15.83 min Scan# 4058  
 Delta R.T. -0.01 min  
 Lab File: VL039289.D  
 Acq: 14 Jun 2022 20:46

Tgt Ion: 105 Resp: 80476  
 Ion Ratio Lower Upper  
 105 100  
 120 32.2 23.9 35.9  
 91 14.8 10.6 16.0  
 77 17.0 11.7 17.5



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





#73

1,3,5-Trimethylbenzene

Concen: 0.076 ppbv

RT: 15.99 min

Delta R.T. MSVOA\_L

Lab File: ClientSampleId:

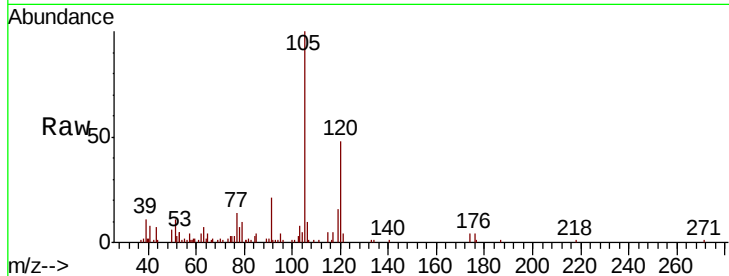
Acq: 14 Jun 2022 20:46

Tot Ion:105 Resp: 33193

Ion Ratio Lower Upper

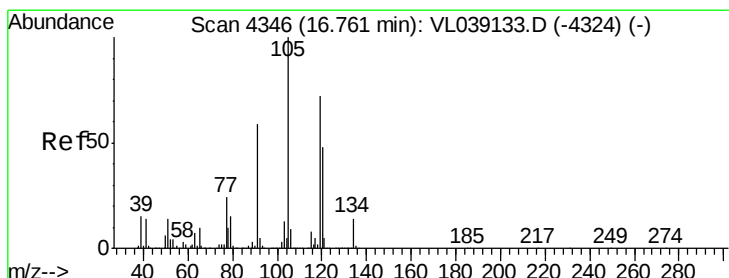
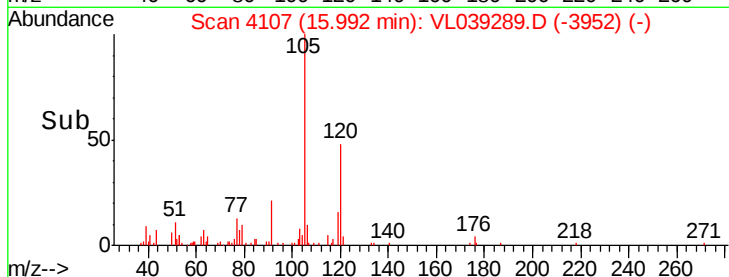
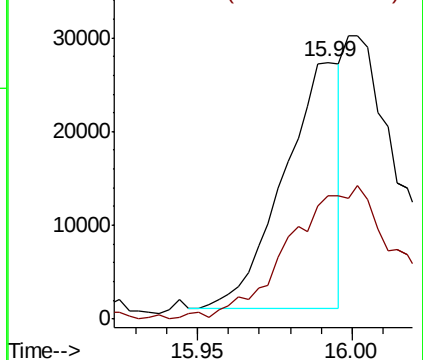
105 100

120 48.0 36.7 55.1



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: 0.526 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. 0.00 min

Lab File: VL039289.D

Acq: 14 Jun 2022 20:46

Tgt Ion:105 Resp: 257438

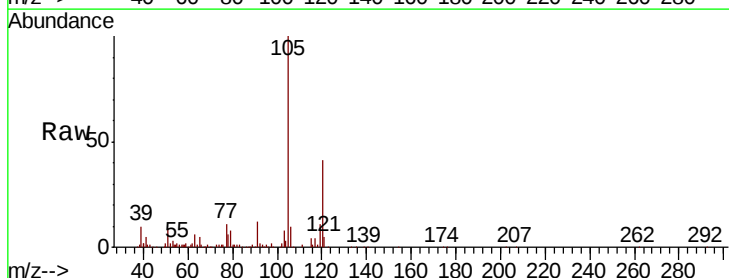
Ion Ratio Lower Upper

105 100

120 40.7 38.1 57.1

91 11.6 47.4 71.0#

77 11.0 19.5 29.3#



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

