

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051821\  
 Data File : VL036978.D  
 Acq On : 18 May 2021 20:59  
 Operator : SY/AP  
 Sample : M2430-03 2X  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV1

Manual Integrations  
 APPROVED

MMDadoda  
 5/20/2021 5:56:03 PM

Quant Time: May 20 16:17:21 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue May 18 2021  
 QLast Update : Tue May 18 12:00:15 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.65  | 49   | 1284832  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.16  | 114  | 3702536  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.07 | 117  | 3456358  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.39  | 95    | 2623411  | 10.10    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 101.00% |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane | 3.03  | 85   | 43020    | 0.197  | ppbv   | 97     |
| 3) Chlorodifluoromethane   | 2.97  | 51   | 730094   | 3.102  | ppbv   | 93     |
| 4) Chloromethane           | 3.13  | 50   | 12625    | 0.158  | ppbv   | 94     |
| 9) Propene                 | 3.00  | 41   | 103350m  | 1.226  | ppbv   |        |
| 10) Heptane                | 8.10  | 43   | 27547    | 0.131  | ppbv   | 94     |
| 11) Trichlorofluoromethane | 3.94  | 101  | 36750    | 0.182  | ppbv   | 86     |
| 13) Ethanol                | 3.59  | 45   | 547037m  | 48.643 | ppbv   |        |
| 15) Acetone                | 3.83  | 43   | 10478510 | 79.623 | ppbv   | 96     |
| 17) tert-Butyl alcohol     | 4.30  | 59   | 36973m   | 0.307  | ppbv   |        |
| 19) Isopropyl Alcohol      | 3.96  | 45   | 394449   | 5.576  | ppbv # | 30     |
| 20) Methylene Chloride     | 4.33  | 84   | 533026   | 7.556  | ppbv   | 96     |
| 26) Hexane                 | 5.67  | 57   | 393625   | 2.437  | ppbv # | 46     |
| 29) Chloroform             | 5.74  | 83   | 234249   | 1.026  | ppbv   | 93     |
| 34) 2-Butanone             | 5.23  | 43   | 400487   | 2.971  | ppbv   | 96     |
| 36) Benzene                | 6.87  | 78   | 48267m   | 0.151  | ppbv   |        |
| 38) Trichloroethene        | 7.82  | 130  | 385510m  | 2.826  | ppbv   |        |
| 51) 2-Hexanone             | 10.14 | 43   | 63382    | 0.539  | ppbv # | 92     |
| 52) Tetrachloroethene      | 11.21 | 164  | 7100771  | 55.991 | ppbv   | 96     |
| 53) Toluene                | 9.79  | 91   | 291776   | 0.769  | ppbv   | 99     |
| 58) Ethyl Benzene          | 12.69 | 91   | 142666   | 0.292  | ppbv   | 99     |
| 59) m/p-Xylene             | 12.94 | 91   | 411658   | 1.021  | ppbv   | 96     |
| 60) o-Xylene               | 13.67 | 91   | 188966   | 0.491  | ppbv   | 98     |
| 61) Styrene                | 13.51 | 104  | 30135    | 0.139  | ppbv   | 88     |
| 64) n-propylbenzene        | 15.54 | 120  | 20543m   | 0.144  | ppbv   |        |
| 70) n-Butylbenzene         | 18.55 | 91   | 98207    | 0.177  | ppbv # | 88     |
| 72) 4-Ethyltoluene         | 15.82 | 105  | 92178    | 0.202  | ppbv # | 94     |
| 73) 1,3,5-Trimethylbenzene | 15.98 | 105  | 83289    | 0.194  | ppbv   | 97     |
| 74) 1,2,4-Trimethylbenzene | 16.75 | 105  | 317877   | 0.717  | ppbv # | 71     |

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

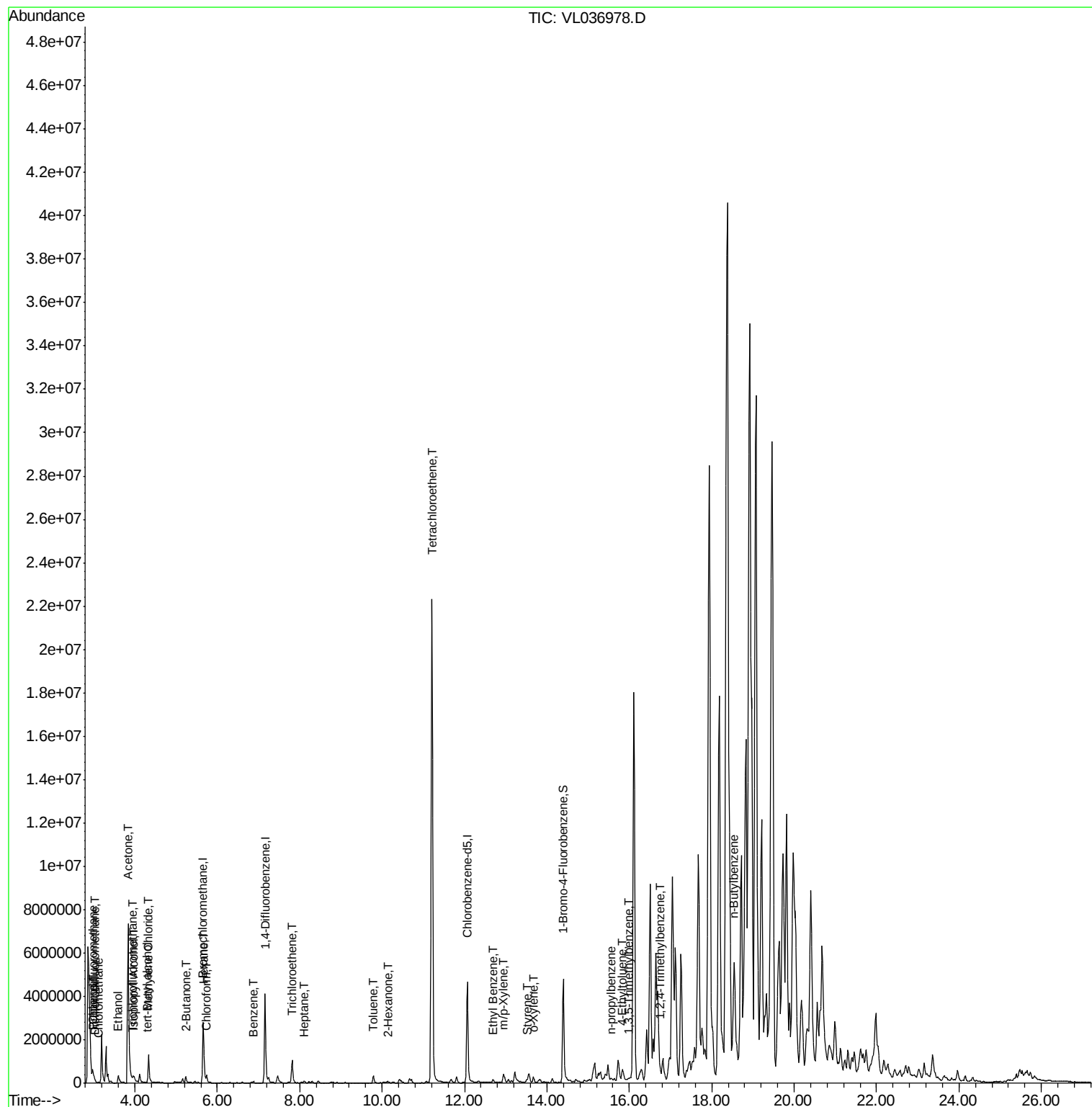
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051821\  
Data File : VL036978.D  
Acq On : 18 May 2021 20:59  
Operator : SY/AP  
Sample : M2430-03 2X  
Misc : 400mL/MSVOA L  
ALS Vial : 1 Sample Multiplier: 1

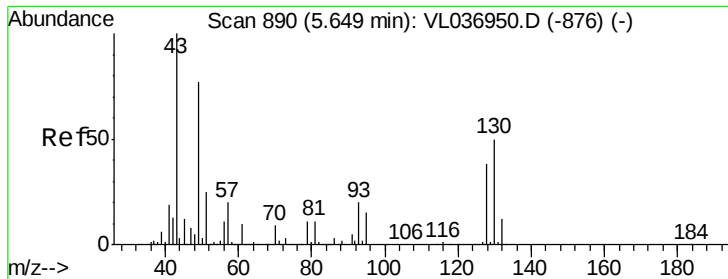
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

Manual Integrations  
APPROVED

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5/20/2021 5:56:03 PM

Quant Time: May 20 16:17:21 2021  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LTue May  
QLast Update : Tue May 18 12:00:15 2021  
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

Lab File: VL036978.D

Acq: 18 May 2021 20:59

Instrument :

MSVOA\_L

ClientSampled :

SV1

Tot Ion: 49 Resp: 1284832

Ion Ratio Lower Upper

49 100

128 54.4 26.9 80.7

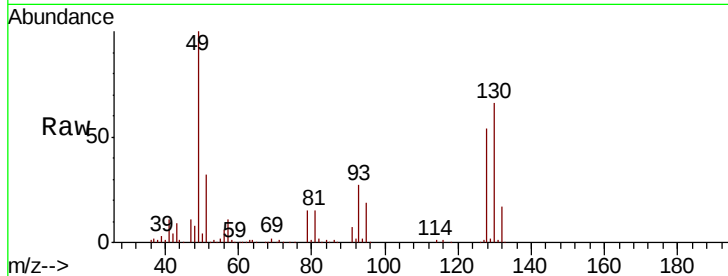
130 71.2 33.8 101.4

Manual Integrations

APPROVED

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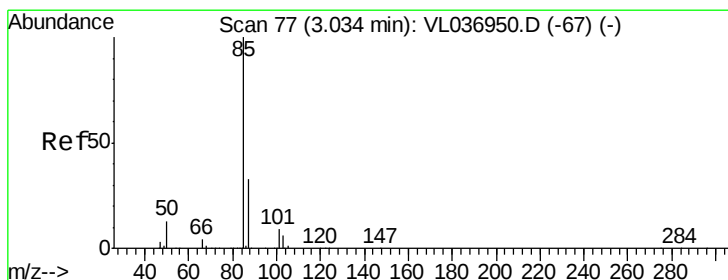
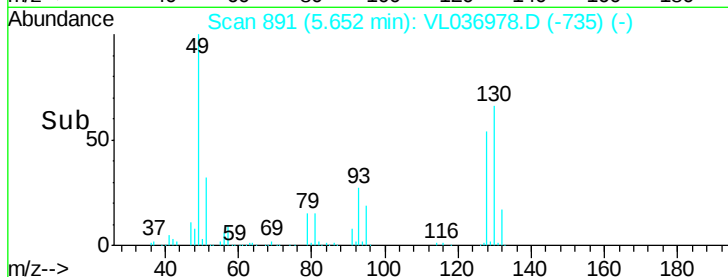
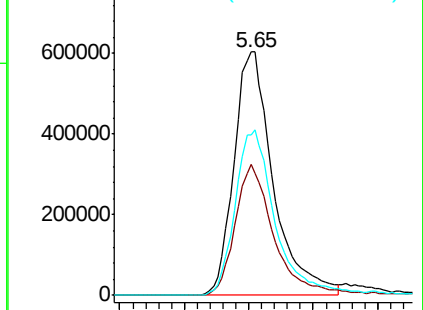
5/20/2021 5:56:03 PM



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: 0.197 ppbv

RT: 3.03 min Scan# 77

Delta R.T. -0.00 min

Lab File: VL036978.D

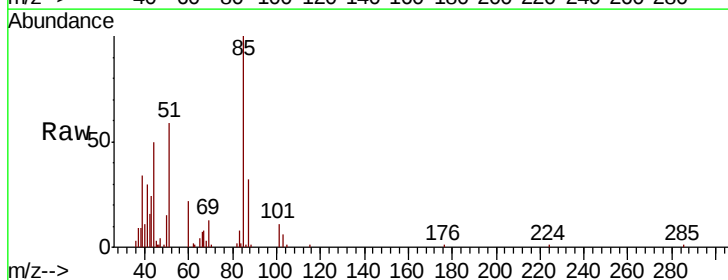
Acq: 18 May 2021 20:59

Tgt Ion: 85 Resp: 43020

Ion Ratio Lower Upper

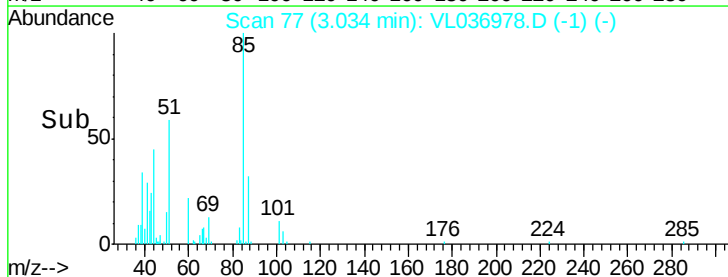
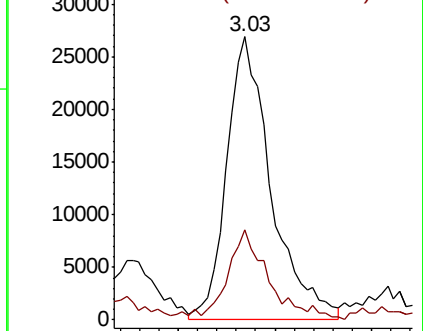
85 100

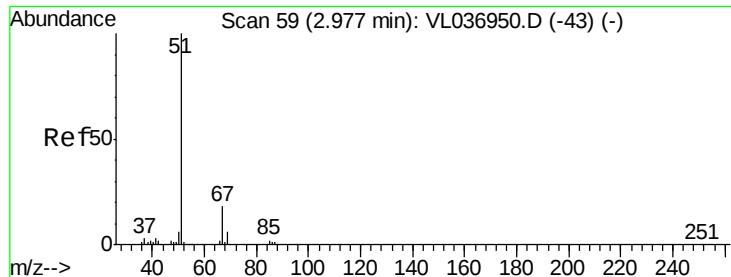
87 31.3 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 3.102 ppbv

RT: 2.97 min Scan# 58

Delta R.T. -0.00 min

Lab File: VL036978.D

Acq: 18 May 2021 20:59

Instrument :

MSVOA\_L

ClientSampled :

SV1

Tot Ion: 51 Resp: 730094

Ion Ratio Lower Upper

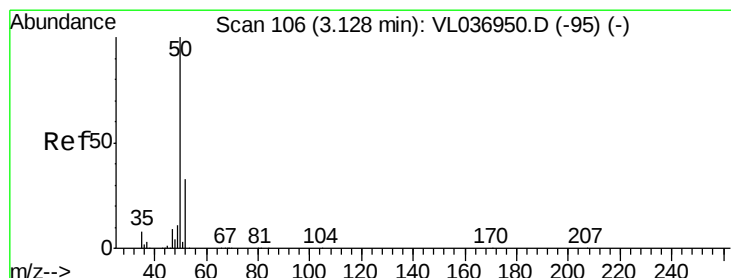
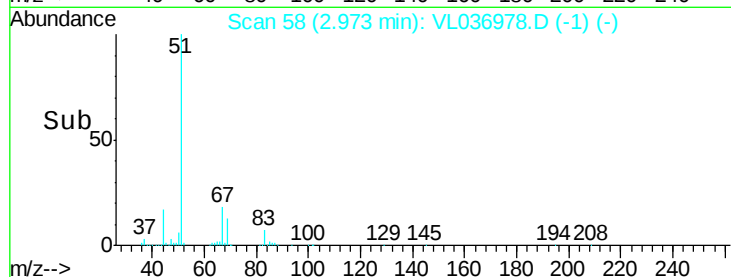
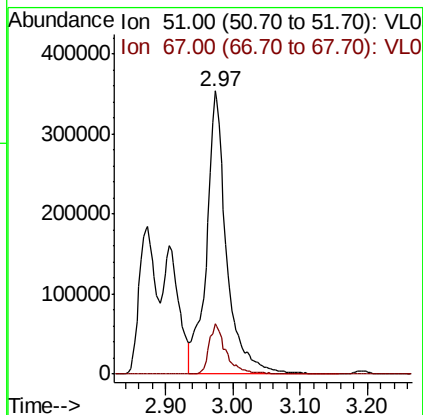
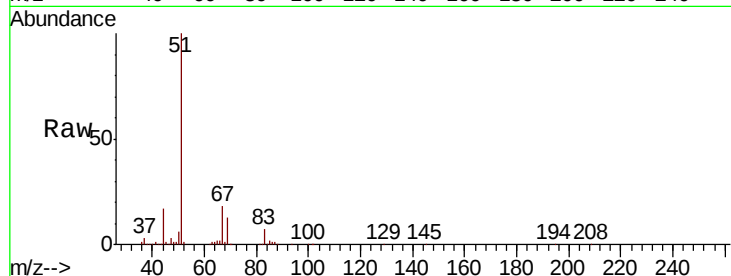
51 100

67 15.3 14.6 21.8

Manual Integrations  
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#4

Chloromethane

Concen: 0.158 ppbv

RT: 3.13 min Scan# 106

Delta R.T. -0.00 min

Lab File: VL036978.D

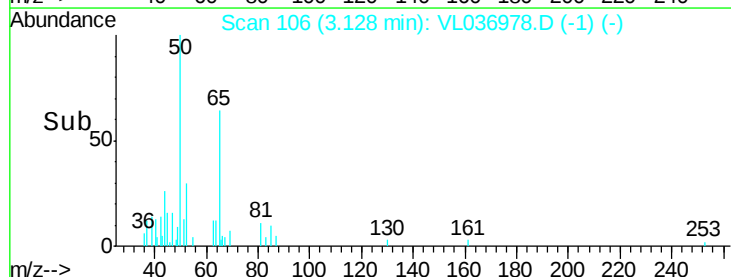
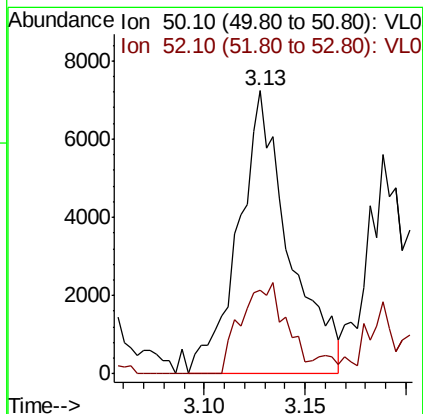
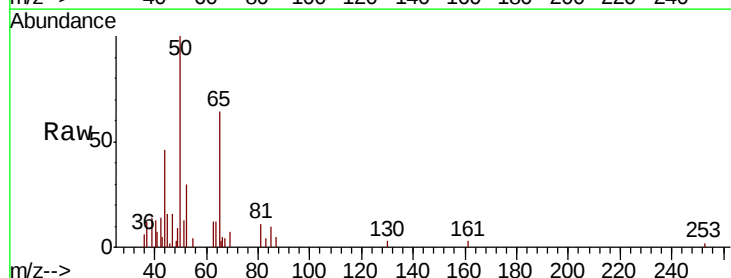
Acq: 18 May 2021 20:59

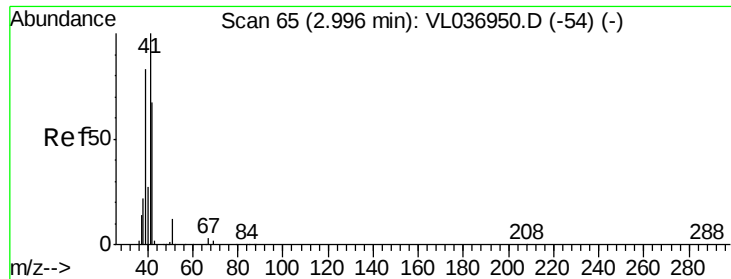
Tgt Ion: 50 Resp: 12625

Ion Ratio Lower Upper

50 100

52 36.2 26.1 39.1





#9

Propene

Concen: 1.226 ppbv m

RT: 3.00 min Scan# 66

Delta R.T. 0.00 min

Lab File: VL036978.D

Acq: 18 May 2021 20:59

Instrument :

MSVOA\_L

ClientSampled :

SV1

Tot Ion: 41 Resp: 103350

Ion Ratio Lower Upper

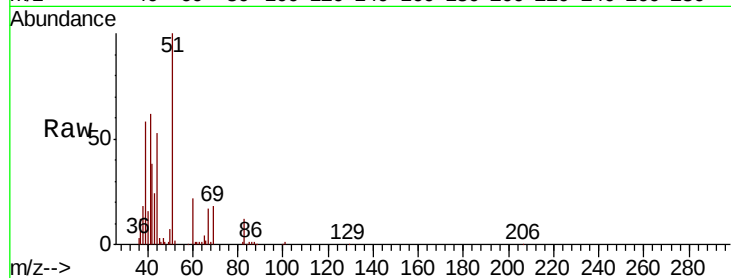
41 100

42 57.7 53.9 80.9

Manual Integrations  
APPROVED

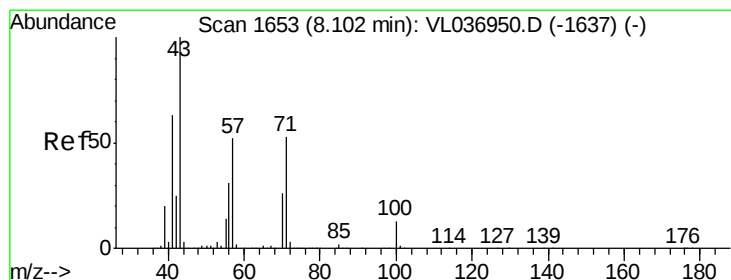
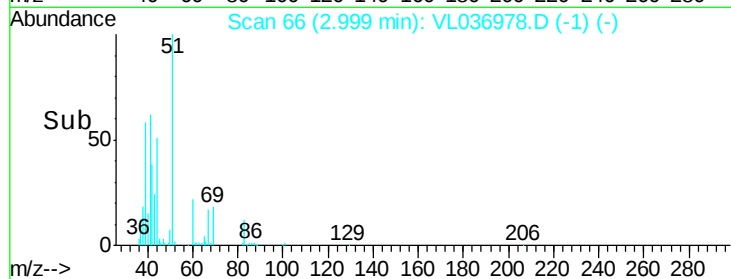
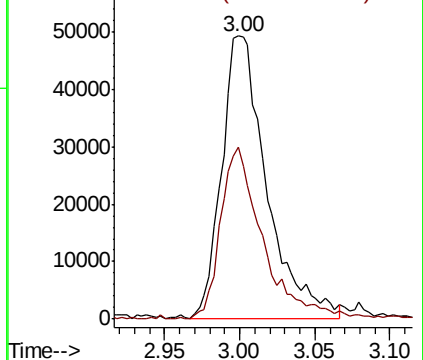
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Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 0.131 ppbv

RT: 8.10 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VL036978.D

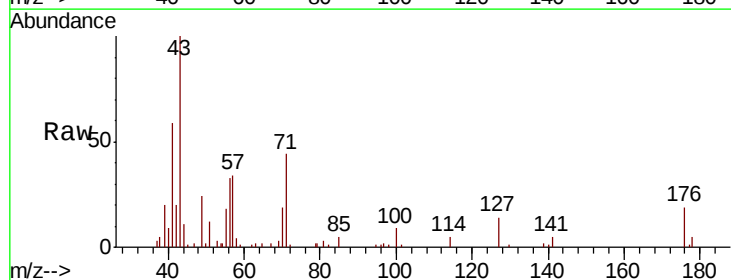
Acq: 18 May 2021 20:59

Tgt Ion: 43 Resp: 27547

Ion Ratio Lower Upper

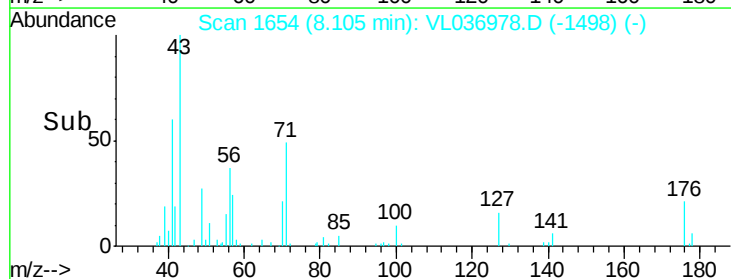
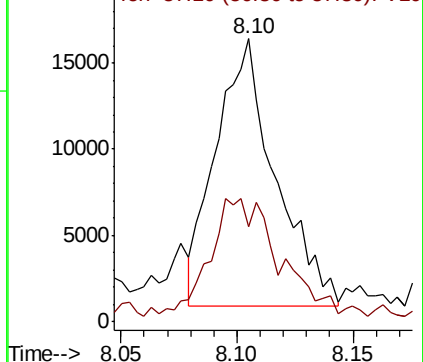
43 100

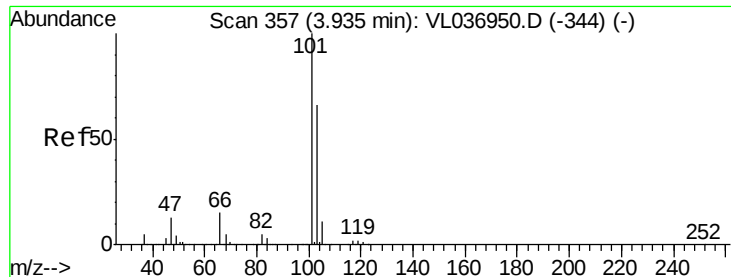
57 55.2 41.0 61.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





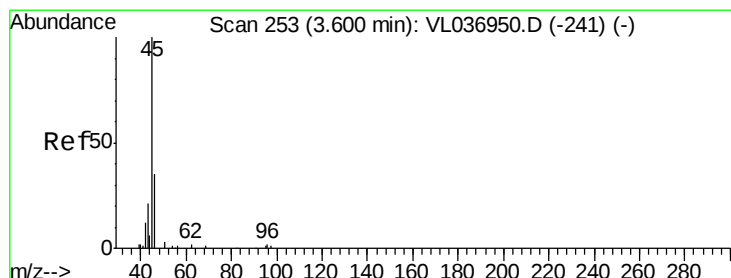
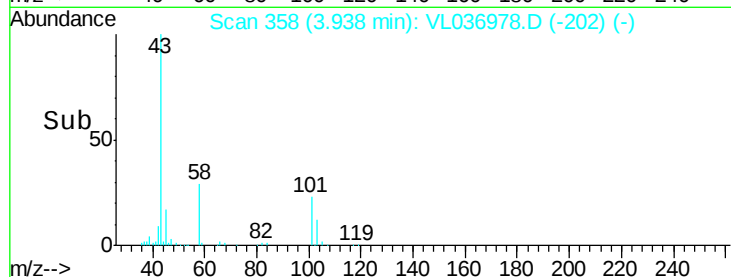
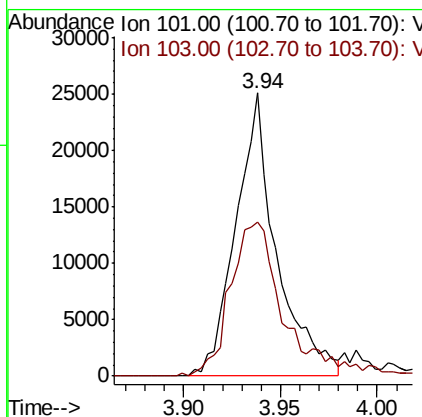
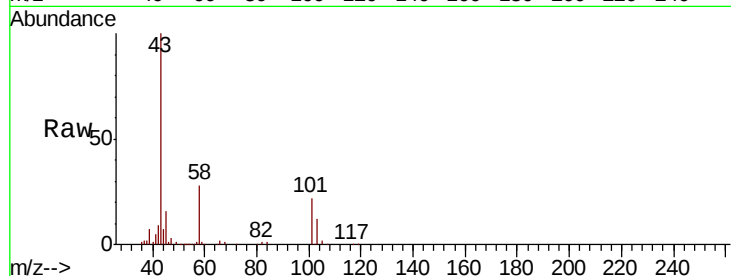
#11  
Trichlorofluoromethane  
Concen: 0.182 ppbv  
RT: 3.94 min Scan# 358  
Delta R.T. 0.00 min  
Lab File: VL036978.D  
Acq: 18 May 2021 20:59

Instrument :  
MSVOA\_L  
ClientSampled :  
SV1

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 101     | 100  |       |       |       |
| 103     | 54.3 | 52.6  | 79.0  |       |

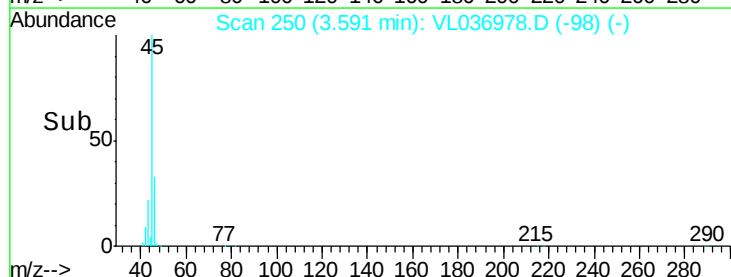
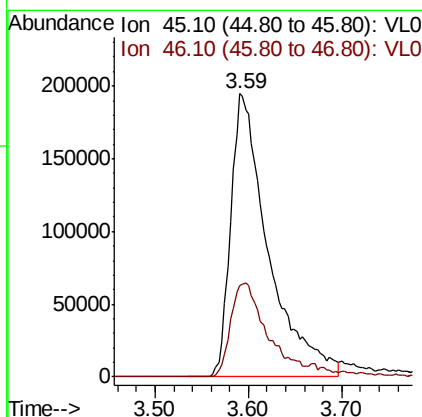
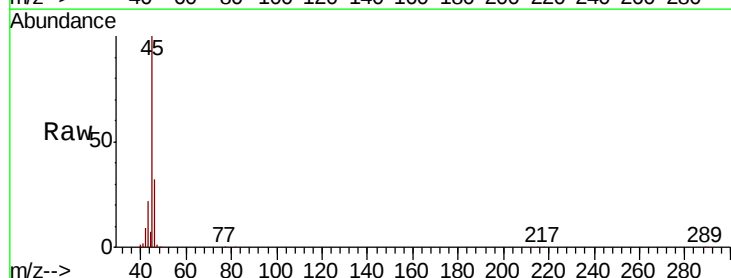
Manual Integrations  
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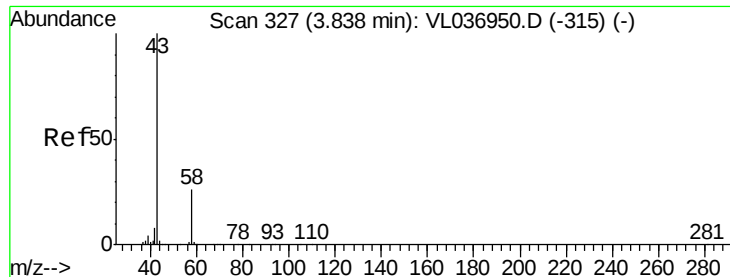
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5/20/2021 5:56:03 PM



#13  
Ethanol  
Concen: 48.643 ppbv m  
RT: 3.59 min Scan# 250  
Delta R.T. -0.01 min  
Lab File: VL036978.D  
Acq: 18 May 2021 20:59

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 45      | 100  |       |       |       |
| 46      | 36.3 | 16.3  | 65.3  |       |





#15

Acetone

Concen: 79.623 ppbv

RT: 3.83 min Scan# 325

Delta R.T. -0.01 min

Lab File: VL036978.D

Acq: 18 May 2021 20:59

Instrument :

MSVOA\_L

ClientSampled :

SV1

Tot Ion: 43 Resp: 10478510

Ion Ratio Lower Upper

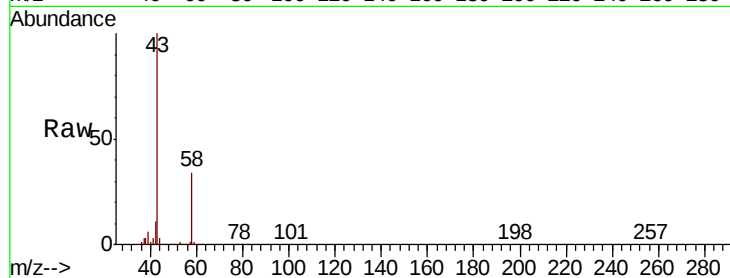
43 100

58 32.1 24.0 36.0

Manual Integrations  
APPROVED

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5/20/2021 5:56:03 PM



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

5000000

4000000

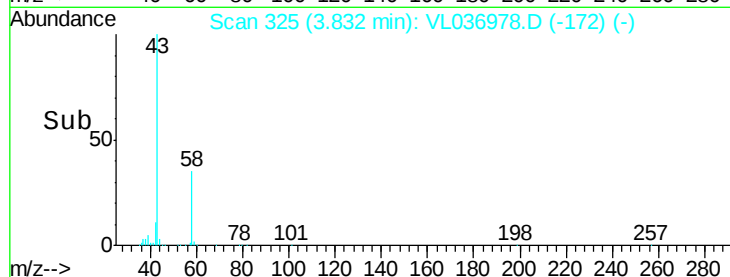
3000000

2000000

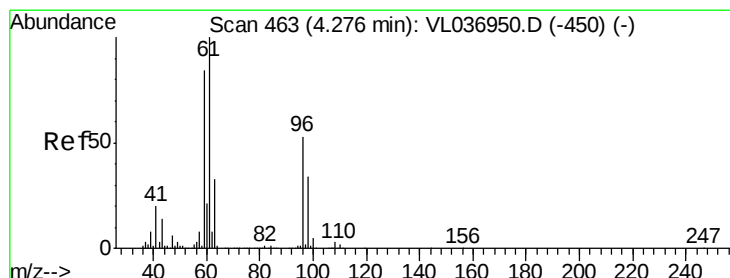
1000000

0

Time-->



Time-->



#17

tert-Butyl alcohol

Concen: 0.307 ppbv m

RT: 4.30 min Scan# 471

Delta R.T. 0.03 min

Lab File: VL036978.D

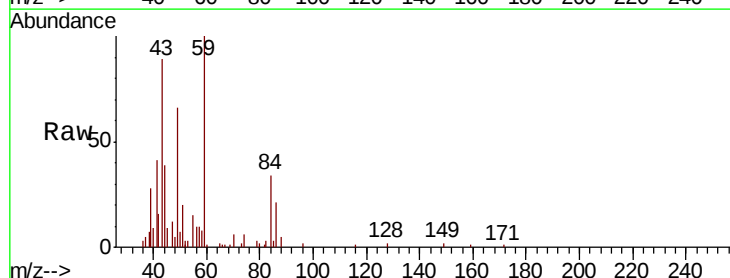
Acq: 18 May 2021 20:59

Tgt Ion: 59 Resp: 36973

Ion Ratio Lower Upper

59 100

57 12.8 8.3 12.5#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

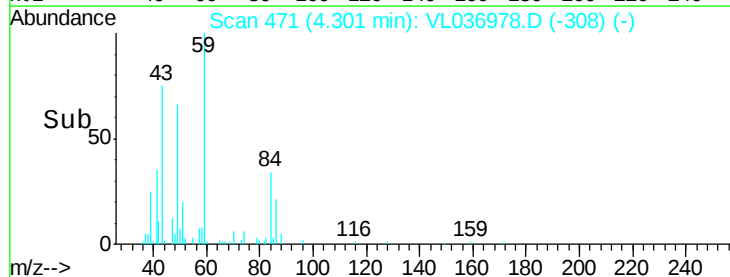
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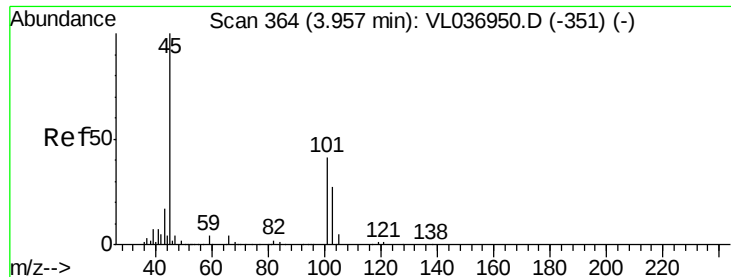
10000

5000

0

Time-->





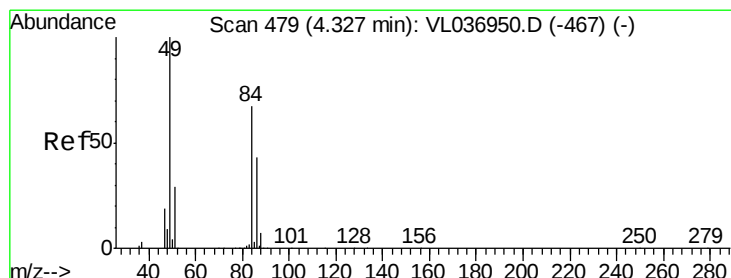
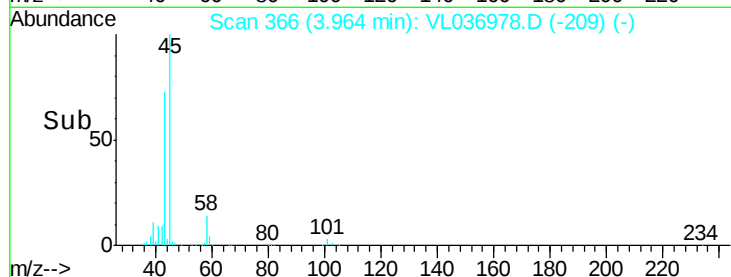
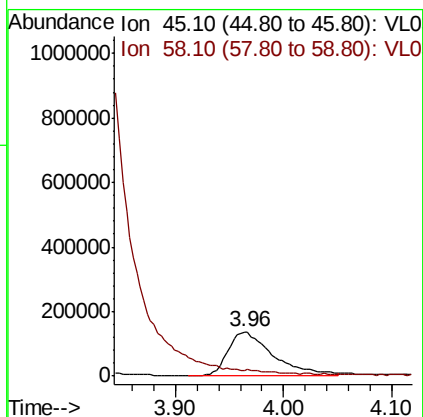
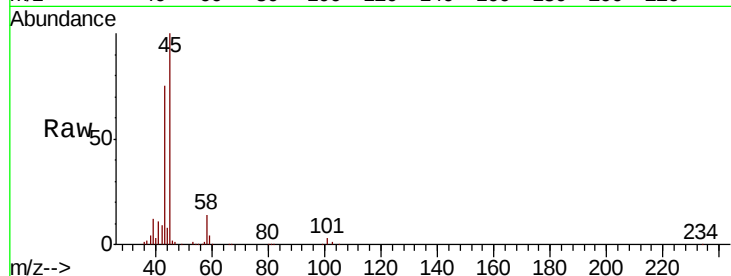
#19  
Isopropyl Alcohol  
Concen: 5.576 ppbv  
RT: 3.96 min Scan# 366  
Delta R.T. 0.01 min  
Lab File: VL036978.D  
Acq: 18 May 2021 20:59

Instrument :  
MSVOA\_L  
ClientSampled :  
SV1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 58      | 0.0   | 37.2  | 55.8# |

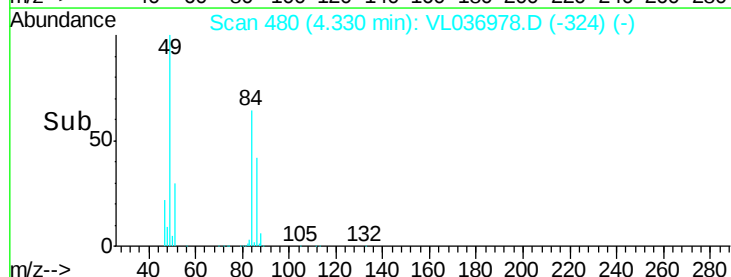
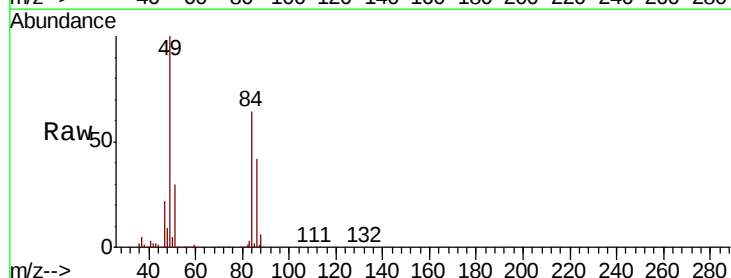
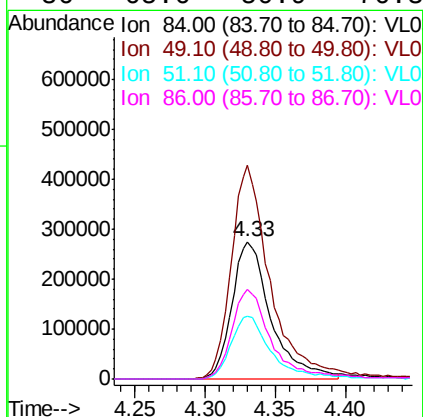
Manual Integrations  
APPROVED

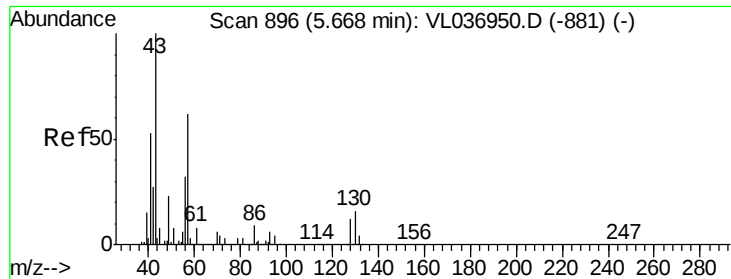
MMDadoda  
5/20/2021 5:56:03 PM



#20  
Methylene Chloride  
Concen: 7.556 ppbv  
RT: 4.33 min Scan# 480  
Delta R.T. 0.00 min  
Lab File: VL036978.D  
Acq: 18 May 2021 20:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 155.9 | 119.8 | 179.6 |
| 51      | 46.1  | 35.1  | 52.7  |
| 86      | 65.6  | 50.9  | 76.3  |





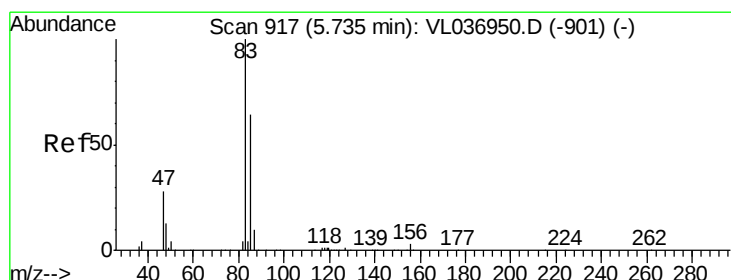
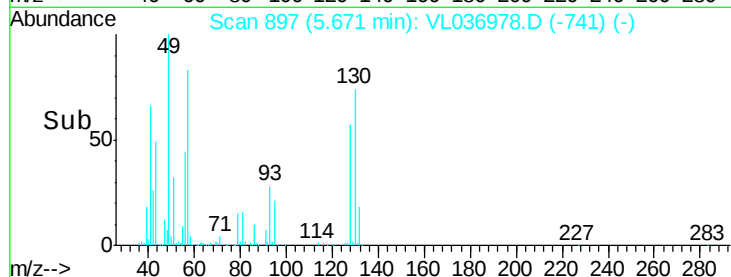
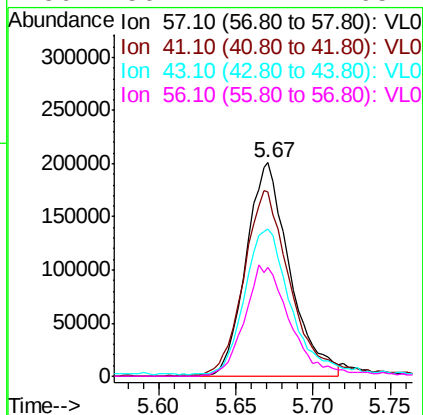
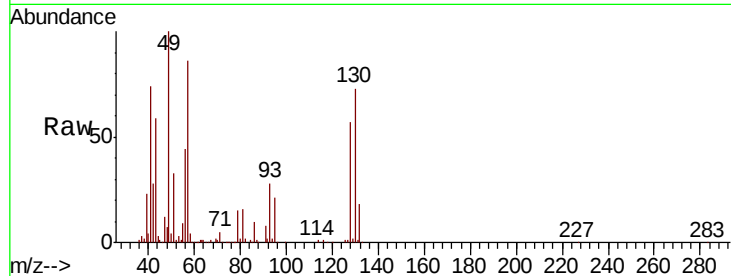
#26  
Hexane  
Concen: 2.437 ppbv  
RT: 5.67 min Scan# 897  
Delta R.T. 0.00 min  
Lab File: VL036978.D  
Acq: 18 May 2021 20:59

Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 57      | 100   |       |        |
| 41      | 95.1  | 70.5  | 105.7  |
| 43      | 72.5  | 165.8 | 248.8# |
| 56      | 56.1  | 42.2  | 63.4   |

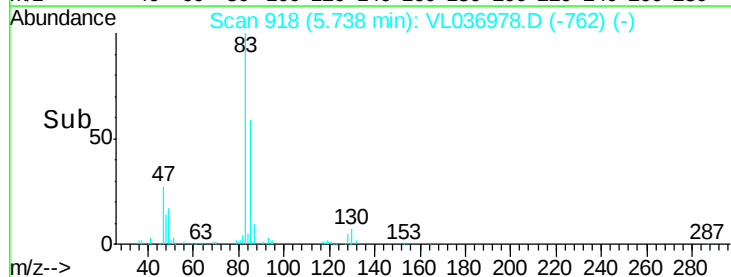
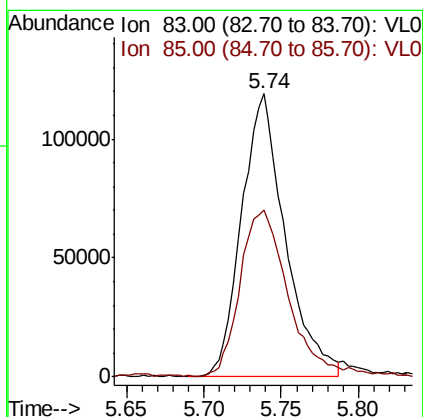
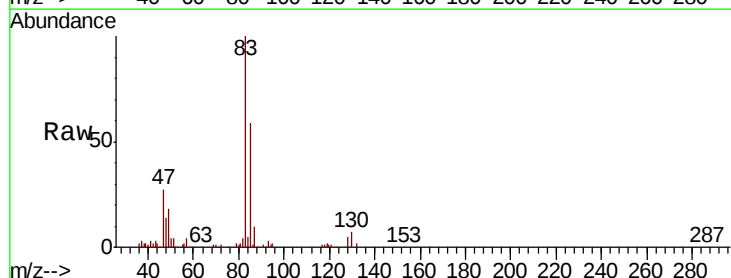
Manual Integrations  
APPROVED

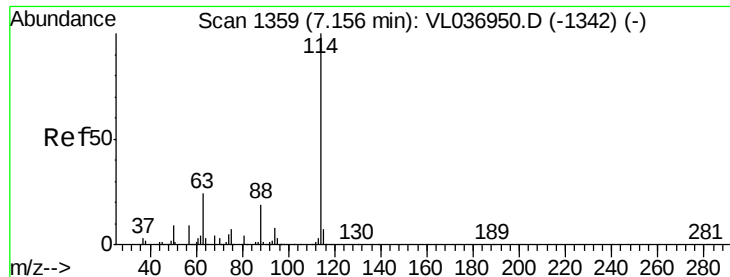
MMDadoda  
5/20/2021 5:56:03 PM



#29  
Chloroform  
Concen: 1.026 ppbv  
RT: 5.74 min Scan# 918  
Delta R.T. 0.00 min  
Lab File: VL036978.D  
Acq: 18 May 2021 20:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 58.6  | 51.1  | 76.7  |





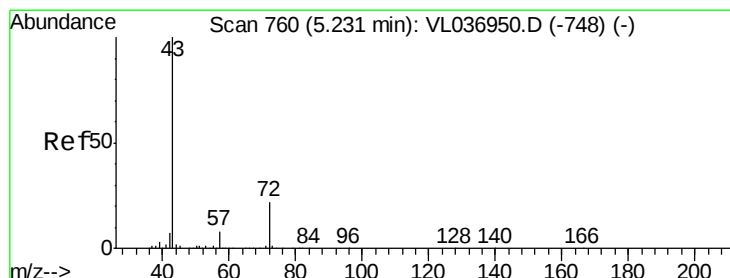
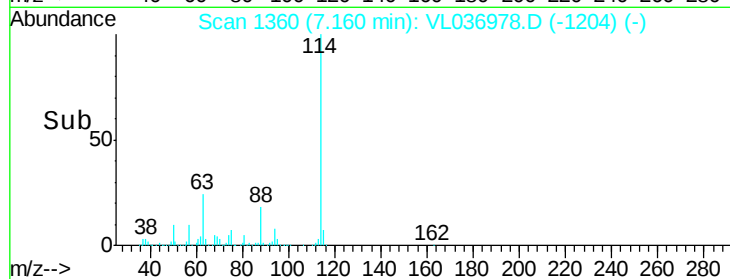
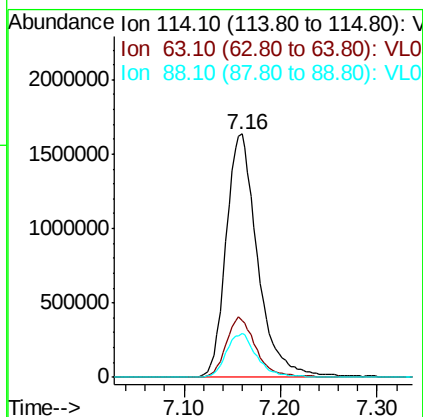
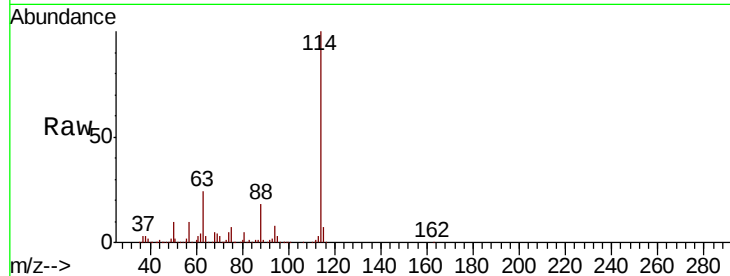
#33  
 1,4-Difluorobenzene  
 Concen: 10.000 ppbv  
 RT: 7.16 min Scan# 1360  
 Delta R.T. 0.00 min  
 Lab File: VL036978.D  
 Acq: 18 May 2021 20:59

Instrument :  
 MSVOA\_L  
 ClientSampled :  
 SV1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 24.0  | 19.6  | 29.4  |
| 88      | 17.7  | 14.6  | 21.8  |

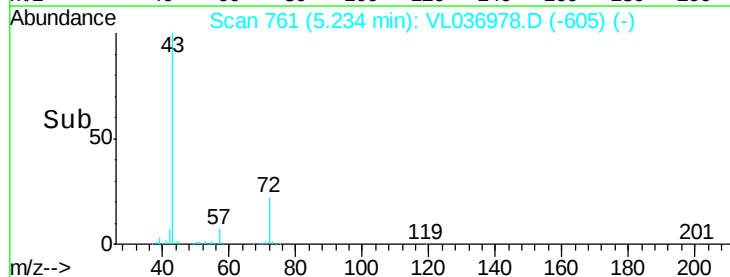
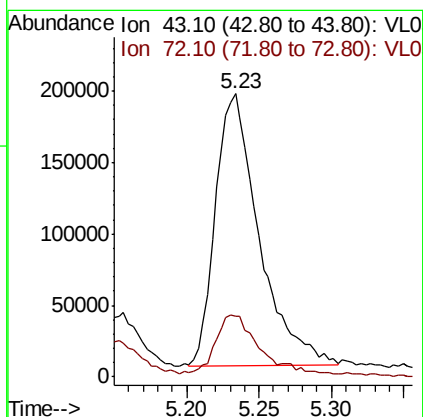
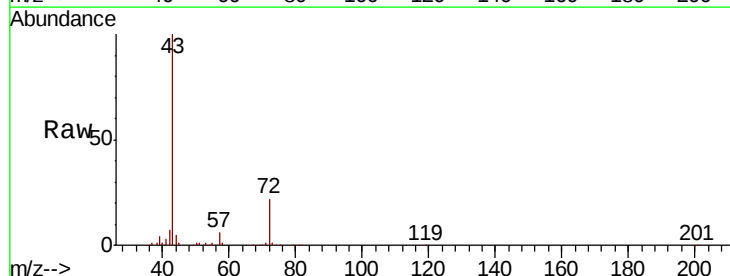
Manual Integrations  
 APPROVED

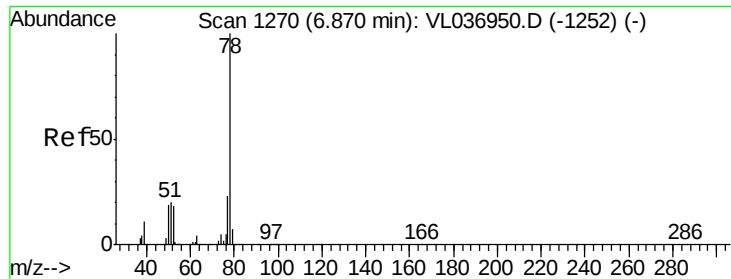
MMDadoda  
 5/20/2021 5:56:03 PM



#34  
 2-Butanone  
 Concen: 2.971 ppbv  
 RT: 5.23 min Scan# 761  
 Delta R.T. 0.00 min  
 Lab File: VL036978.D  
 Acq: 18 May 2021 20:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 72      | 25.7  | 19.0  | 28.4  |





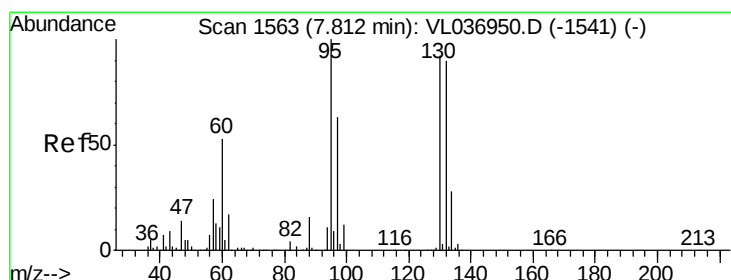
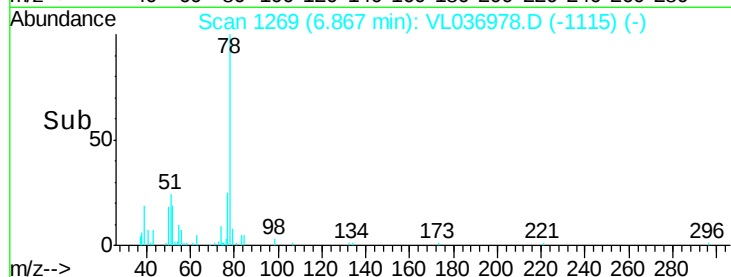
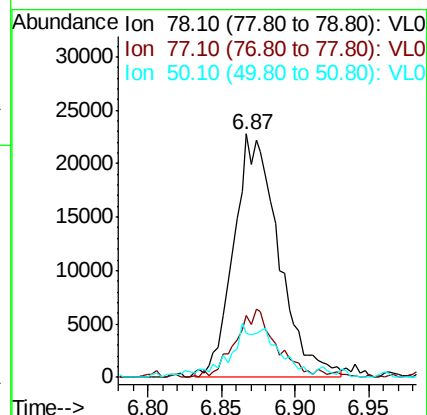
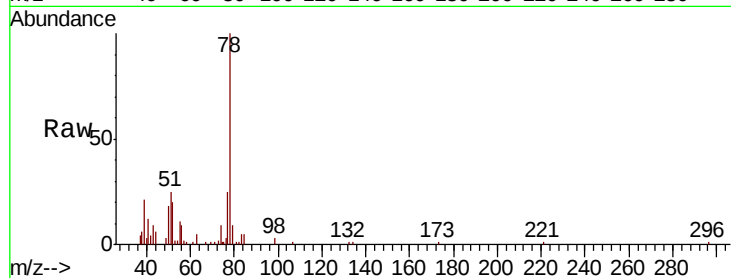
#36  
Benzene  
Concen: 0.151 ppbv m  
RT: 6.87 min Scan# 1269  
Delta R.T. -0.00 min  
Lab File: VL036978.D  
Acq: 18 May 2021 20:59

Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 25.5  | 18.6  | 28.0  |
| 50      | 17.9  | 15.0  | 22.4  |

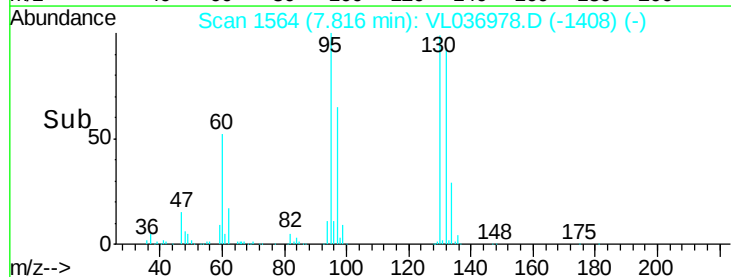
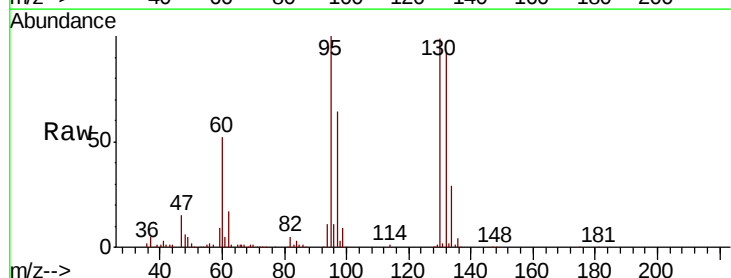
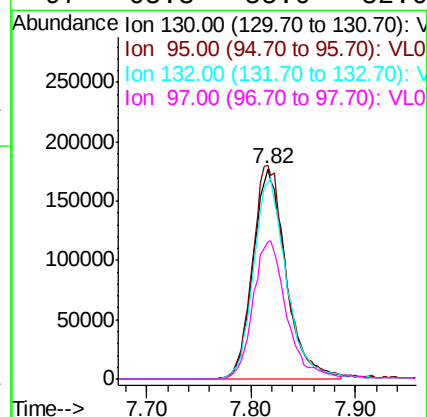
Manual Integrations  
APPROVED

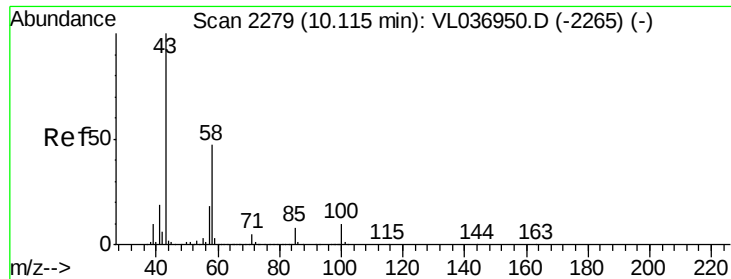
MMDadoda  
5/20/2021 5:56:03 PM



#38  
Trichloroethene  
Concen: 2.826 ppbv m  
RT: 7.82 min Scan# 1564  
Delta R.T. 0.00 min  
Lab File: VL036978.D  
Acq: 18 May 2021 20:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 101.4 | 86.9  | 130.3 |
| 132     | 93.7  | 78.4  | 117.6 |
| 97      | 65.3  | 55.0  | 82.6  |





#51

2-Hexanone

Concen: 0.539 ppbv

RT: 10.14 min Scan# 2287

Delta R.T. 0.03 min

Lab File: VL036978.D

Acq: 18 May 2021 20:59

Instrument :

MSVOA\_L

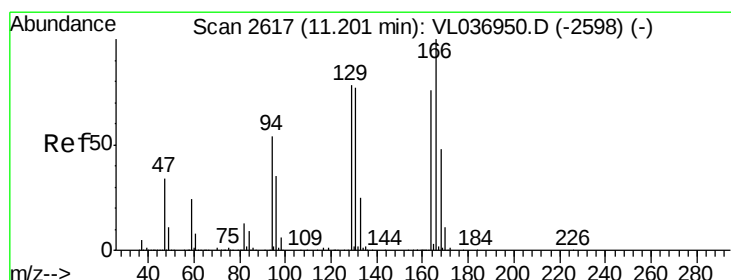
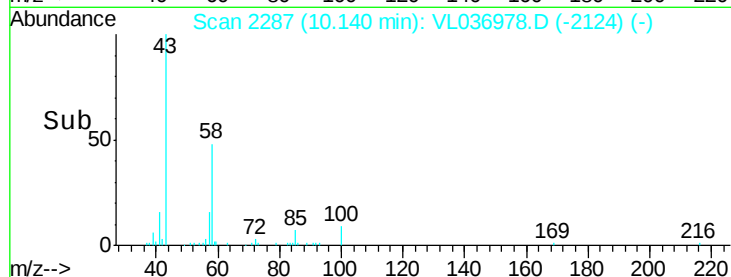
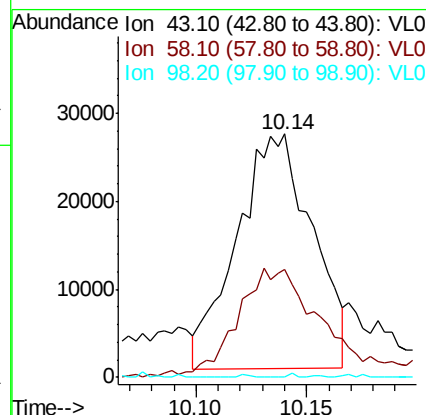
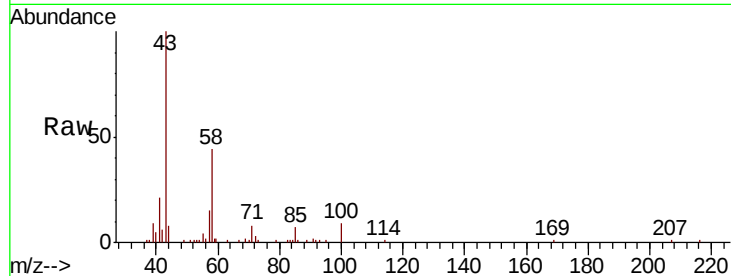
ClientSampled :

SV1

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 43    | Resp: | 63382 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 57.1  | 41.1  | 61.7  |
| 98        | 0.2   | 0.1   | 0.1#  |

Manual Integrations  
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5/20/2021 5:56:03 PM



#52

Tetrachloroethene

Concen: 55.991 ppbv

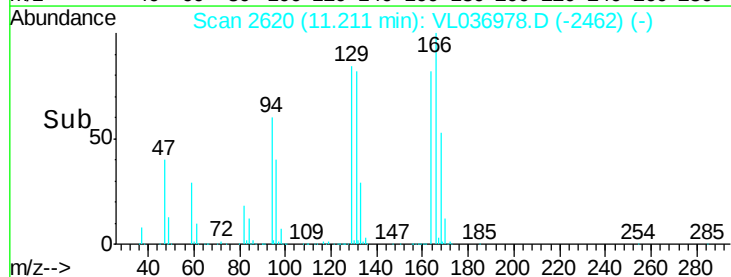
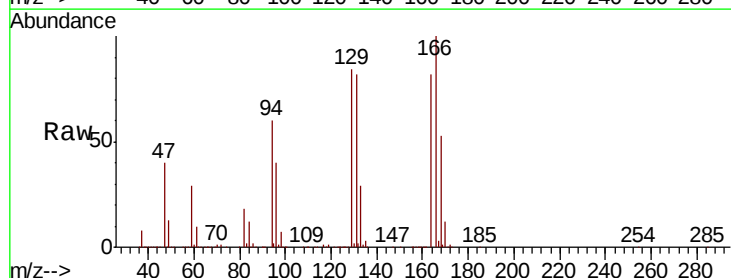
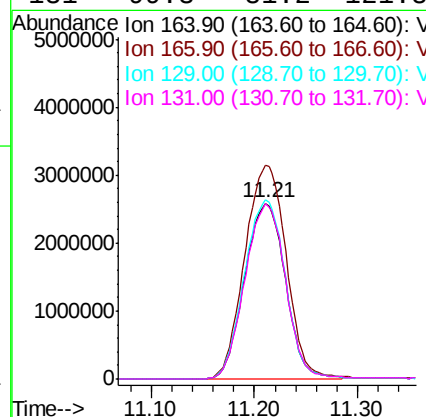
RT: 11.21 min Scan# 2620

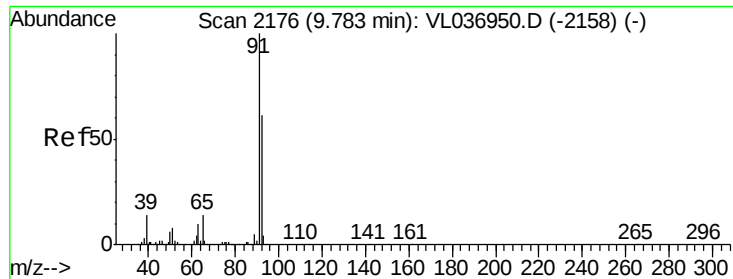
Delta R.T. 0.01 min

Lab File: VL036978.D

Acq: 18 May 2021 20:59

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 164   | Resp: | 7100771 |
| Ion Ratio | Lower | Upper |         |
| 164       | 100   |       |         |
| 166       | 121.3 | 105.5 | 158.3   |
| 129       | 102.1 | 81.8  | 122.8   |
| 131       | 99.3  | 81.2  | 121.8   |





#53

Toluene

Concen: 0.769 ppbv

RT: 9.79 min Scan# 2178

Delta R.T. 0.01 min

Lab File: VL036978.D

Acq: 18 May 2021 20:59

Instrument :

MSVOA\_L

ClientSampled :

SV1

Tot Ion: 91 Resp: 291776

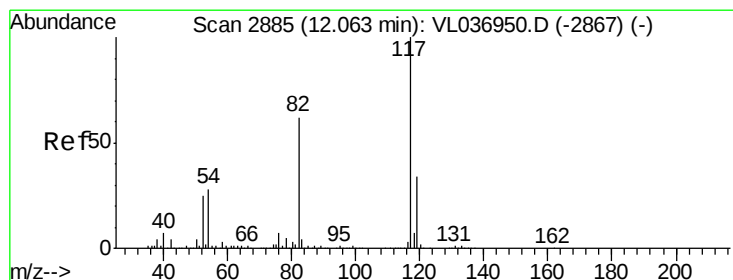
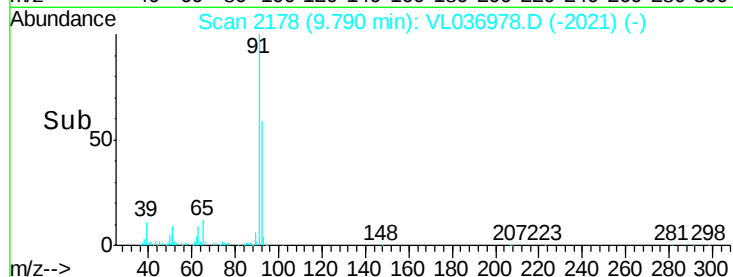
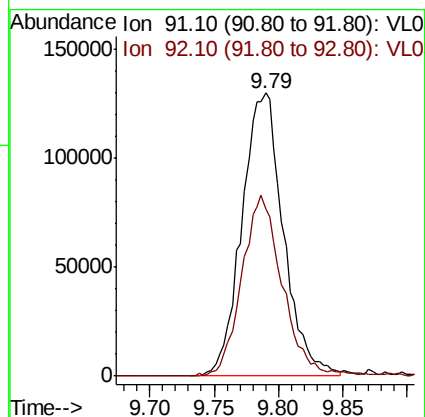
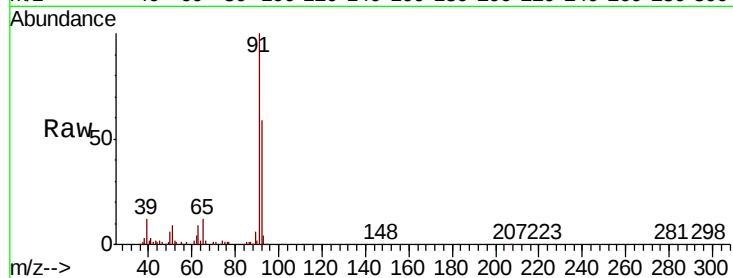
Ion Ratio Lower Upper

91 100

92 62.3 49.5 74.3

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VL036978.D

Acq: 18 May 2021 20:59

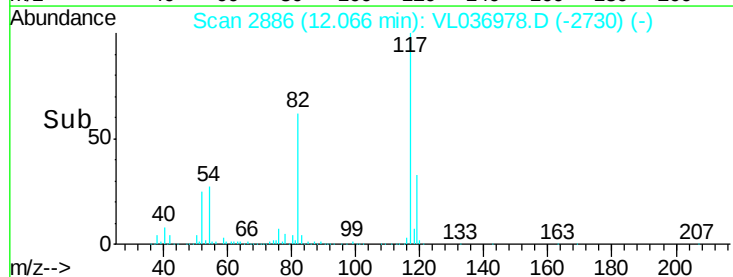
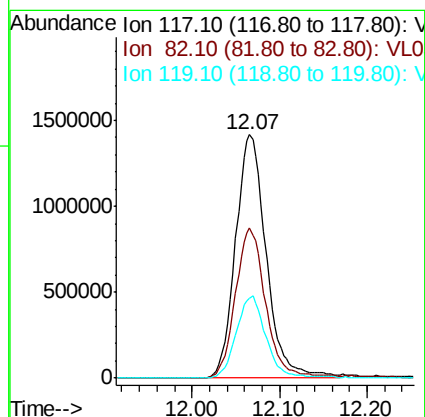
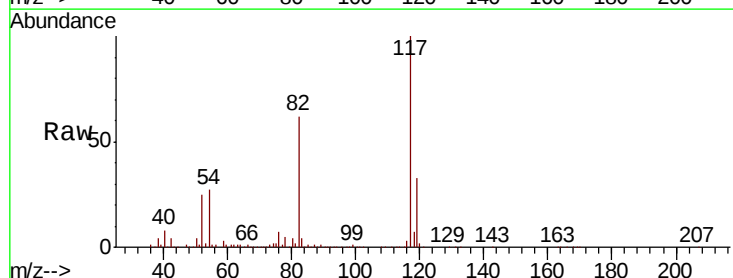
Tgt Ion: 117 Resp: 3456358

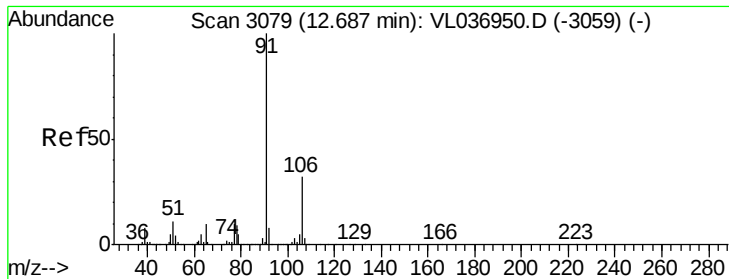
Ion Ratio Lower Upper

117 100

82 62.4 52.6 79.0

119 33.1 46.6 70.0#





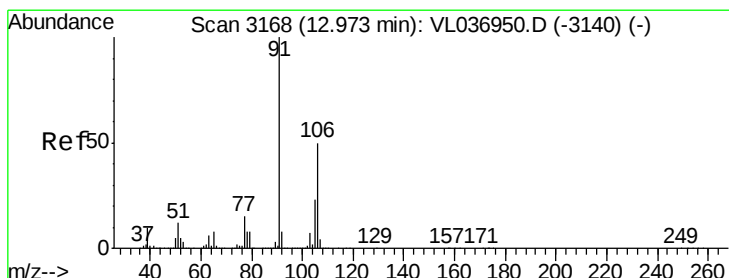
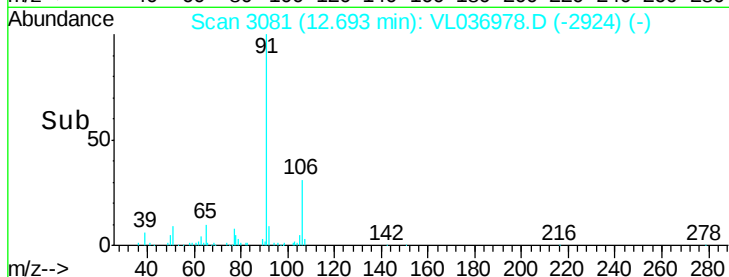
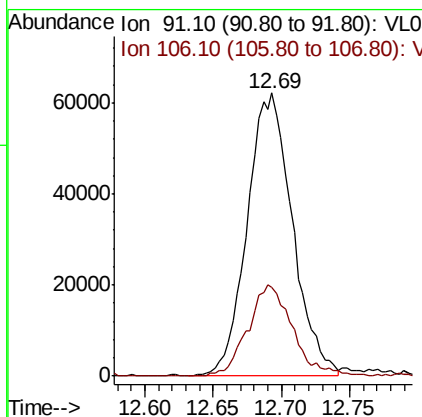
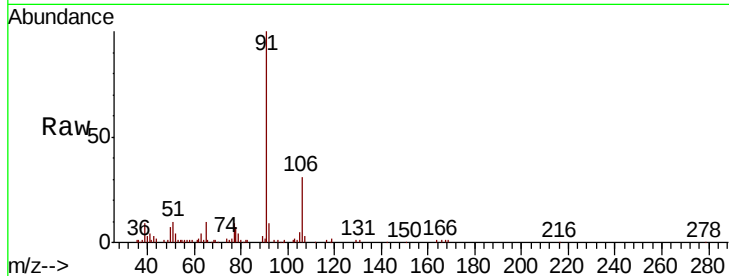
#58  
Ethyl Benzene  
Concen: 0.292 ppbv  
RT: 12.69 min Scan# 3081  
Delta R.T. 0.01 min  
Lab File: VL036978.D  
Acq: 18 May 2021 20:59

Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

Tot Ion: 91 Resp: 142666  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.6 38.4

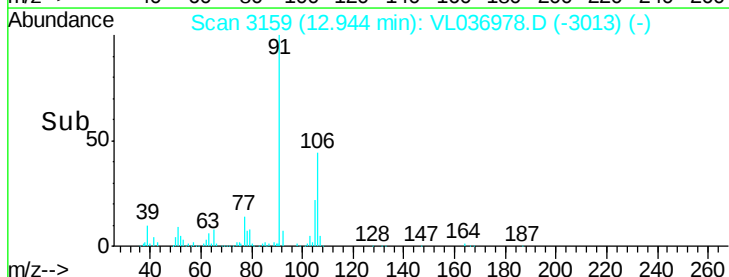
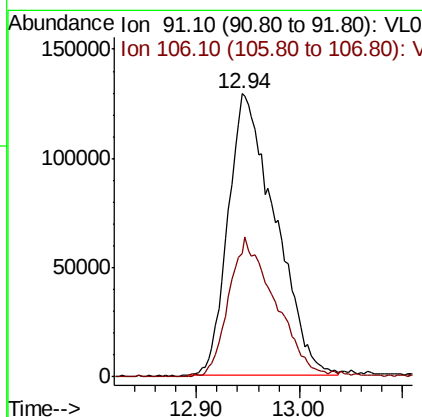
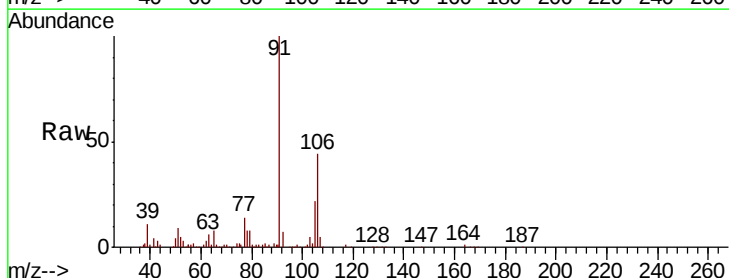
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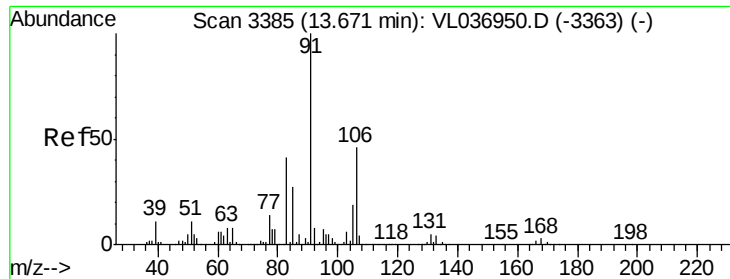
MMDadoda  
5/20/2021 5:56:03 PM



#59  
m/p-Xylene  
Concen: 1.021 ppbv  
RT: 12.94 min Scan# 3159  
Delta R.T. -0.03 min  
Lab File: VL036978.D  
Acq: 18 May 2021 20:59

Tgt Ion: 91 Resp: 411658  
Ion Ratio Lower Upper  
91 100  
106 49.2 37.4 56.2





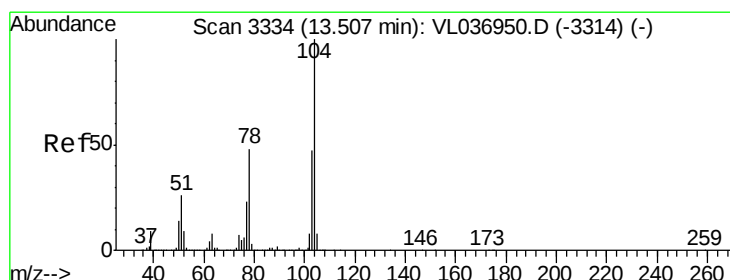
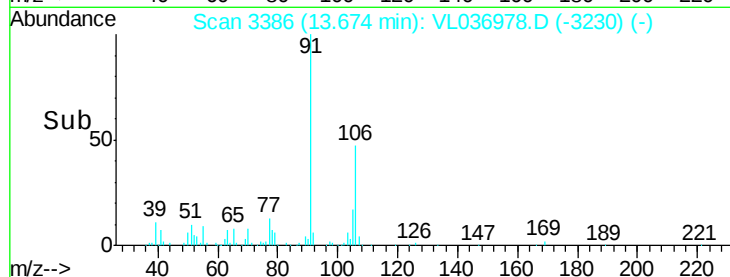
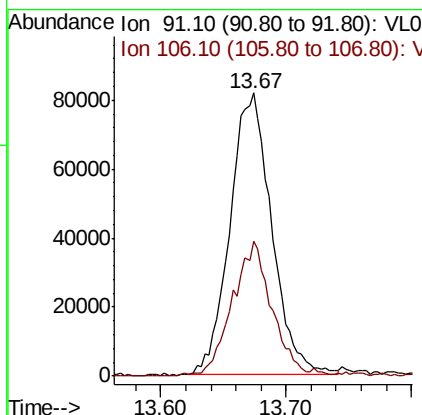
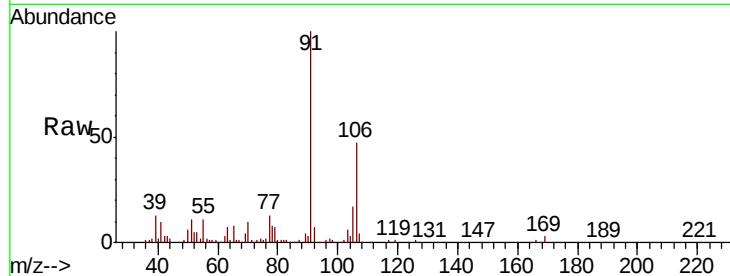
#60  
o-Xylene  
Concen: 0.491 ppbv  
RT: 13.67 min Scan# 3386  
Delta R.T. 0.00 min  
Lab File: VL036978.D  
Acq: 18 May 2021 20:59

Instrument :  
MSVOA\_L  
ClientSampled :  
SV1

Tot Ion: 91 Resp: 188966  
Ion Ratio Lower Upper  
91 100  
106 45.9 23.4 70.3

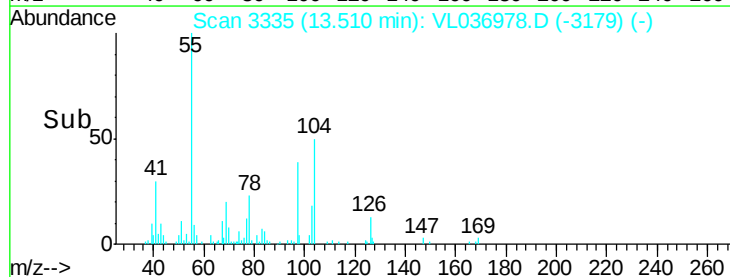
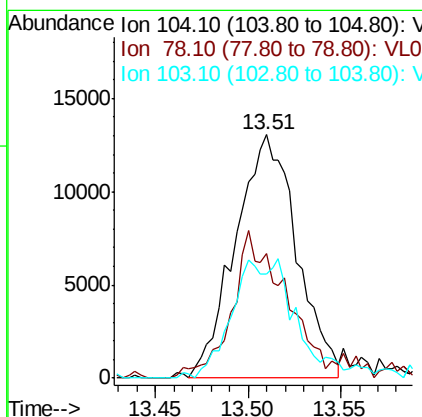
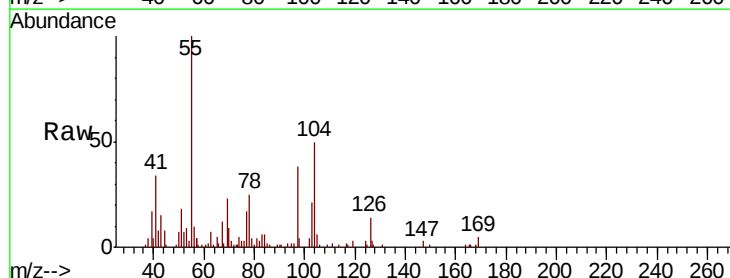
Manual Integrations  
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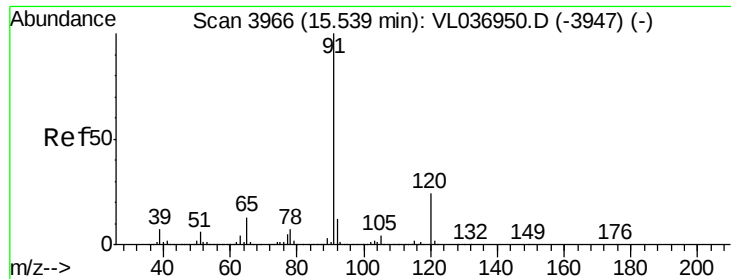
MMDadoda  
5/20/2021 5:56:03 PM



#61  
Styrene  
Concen: 0.139 ppbv  
RT: 13.51 min Scan# 3335  
Delta R.T. 0.00 min  
Lab File: VL036978.D  
Acq: 18 May 2021 20:59

Tgt Ion:104 Resp: 30135  
Ion Ratio Lower Upper  
104 100  
78 58.1 39.0 58.6  
103 54.2 38.0 57.0





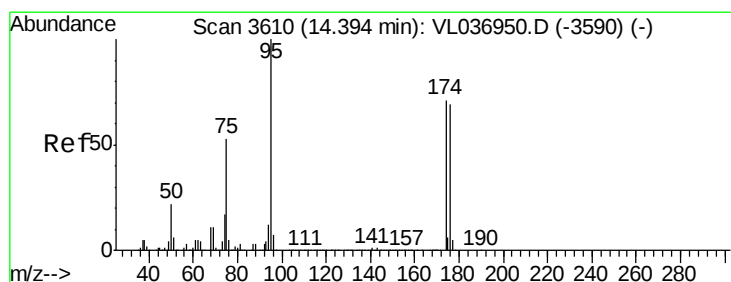
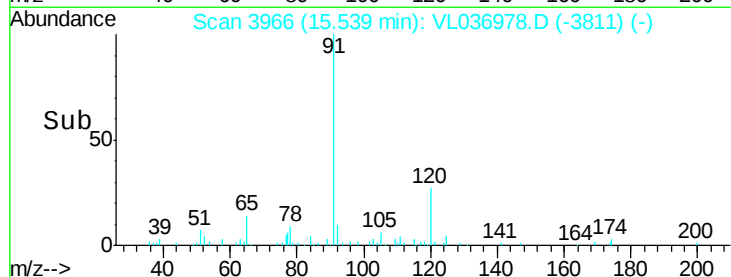
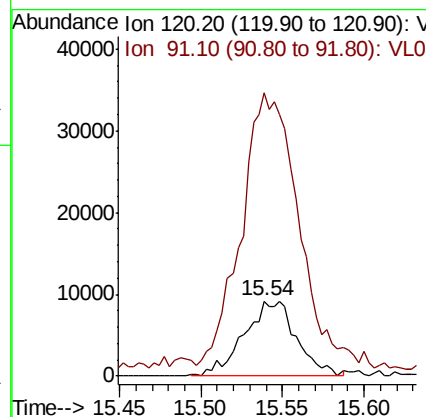
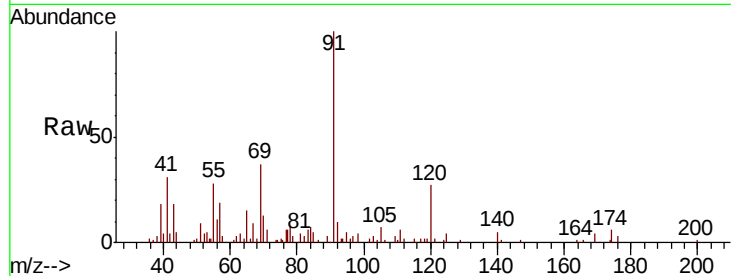
#64  
n-propylbenzene  
Concen: 0.144 ppbv m  
RT: 15.54 min Scan# 3966  
Delta R.T. -0.00 min  
Lab File: VL036978.D  
Acq: 18 May 2021 20:59

Instrument :  
MSVOA\_L  
ClientSampled :  
SV1

Tot Ion:120 Resp: 20543  
Ion Ratio Lower Upper  
120 100  
91 414.7 343.8 515.6

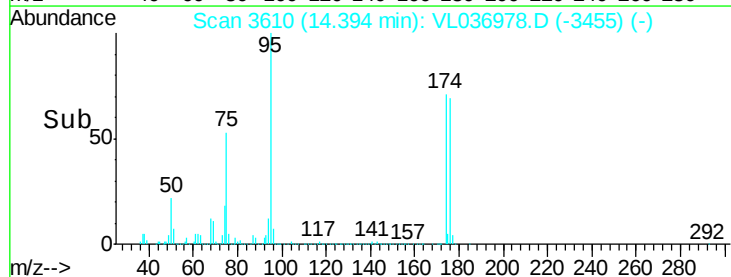
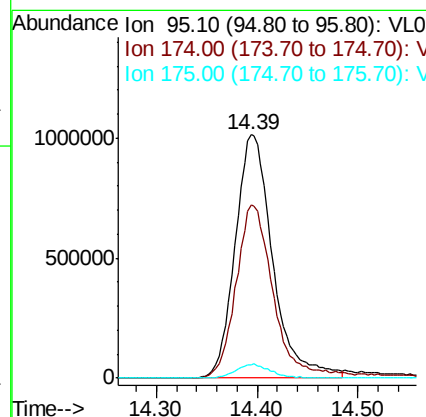
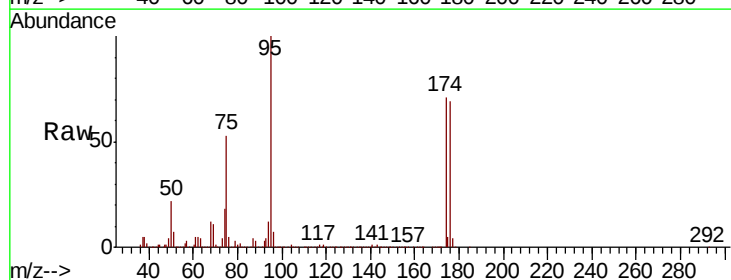
Manual Integrations  
APPROVED

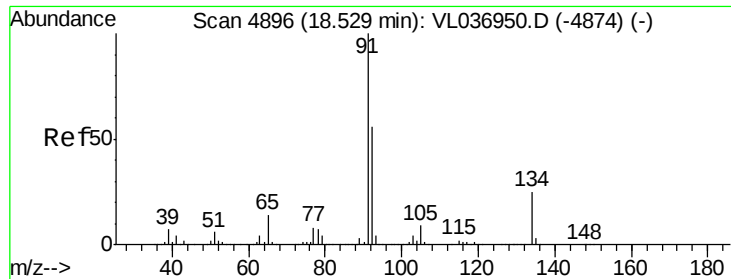
MMDadoda  
5/20/2021 5:56:03 PM



#68  
1-Bromo-4-Fluorobenzene  
Concen: 10.104 ppbv  
RT: 14.39 min Scan# 3610  
Delta R.T. -0.00 min  
Lab File: VL036978.D  
Acq: 18 May 2021 20:59

Tgt Ion: 95 Resp: 2623411  
Ion Ratio Lower Upper  
95 100  
174 73.6 58.4 87.6  
175 5.4 4.4 6.6





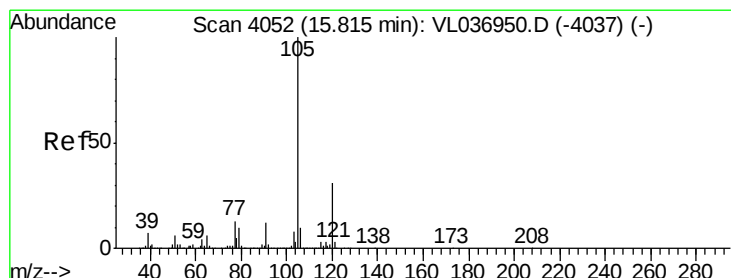
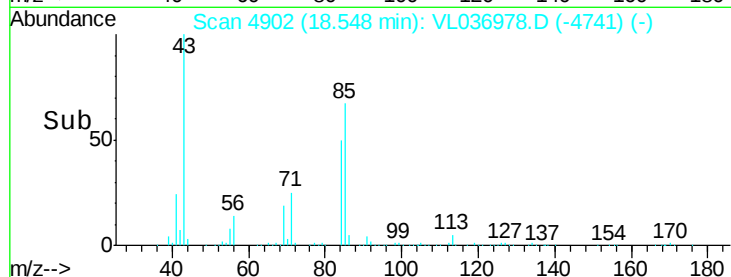
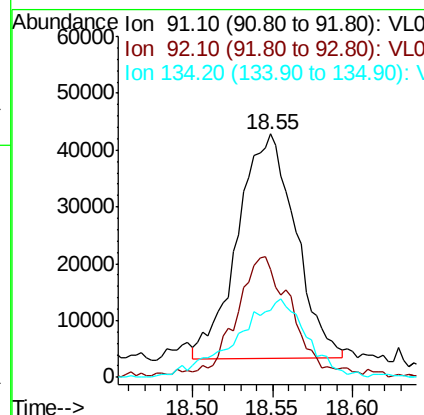
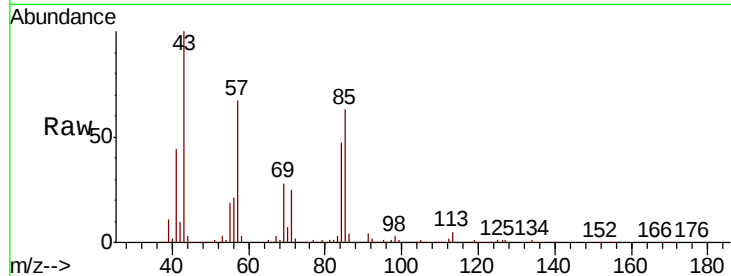
#70  
n-Butylbenzene  
Concen: 0.177 ppbv  
RT: 18.55 min Scan# 4902  
Delta R.T. 0.02 min  
Lab File: VL036978.D  
Acq: 18 May 2021 20:59

Instrument :  
MSVOA\_L  
ClientSampled :  
SV1

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 91      | 100   |      |       |       |
| 92      | 54.3  | 44.6 | 66.8  |       |
| 134     | 42.8  | 20.2 | 30.2  |       |

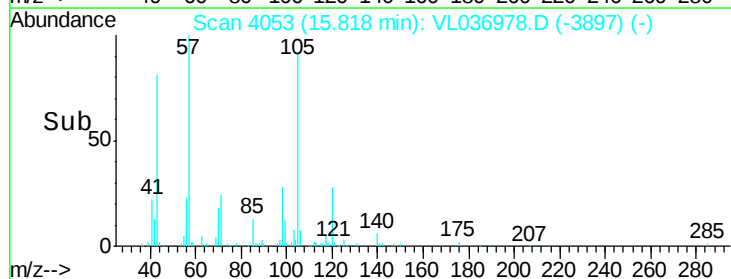
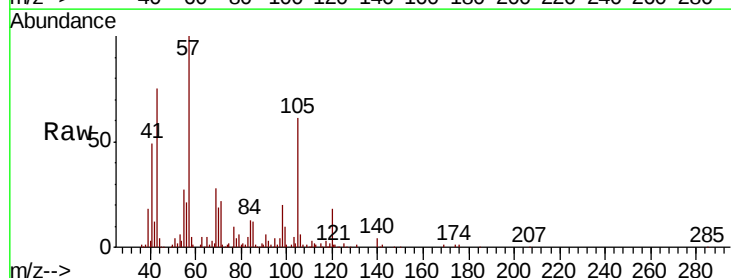
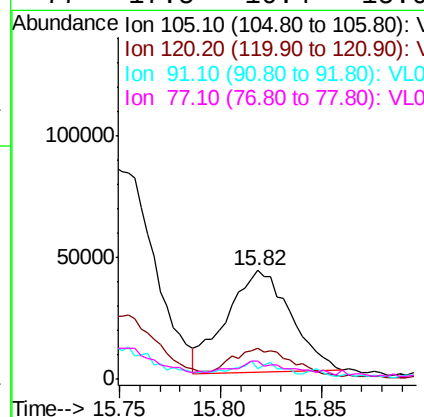
Manual Integrations  
APPROVED

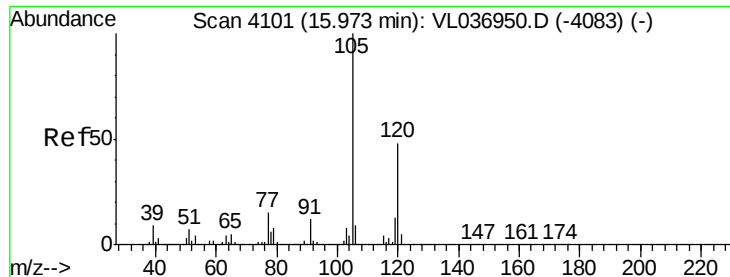
MMDadoda  
5/20/2021 5:56:03 PM



#72  
4-Ethyltoluene  
Concen: 0.202 ppbv  
RT: 15.82 min Scan# 4053  
Delta R.T. 0.00 min  
Lab File: VL036978.D  
Acq: 18 May 2021 20:59

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 120     | 32.9  | 24.6 | 37.0  |       |
| 91      | 15.1  | 9.8  | 14.6  |       |
| 77      | 17.5  | 10.4 | 15.6  |       |





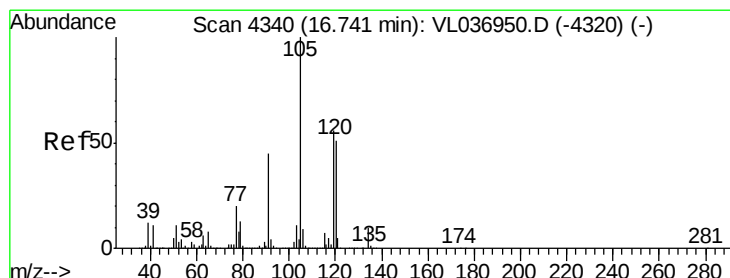
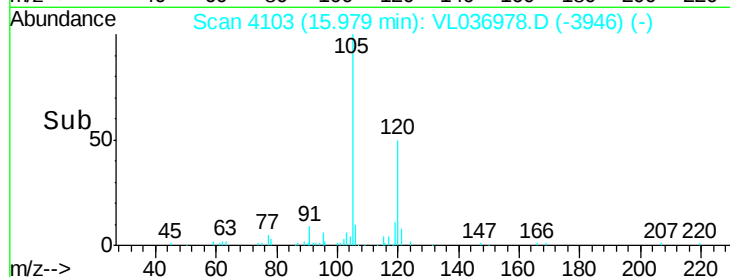
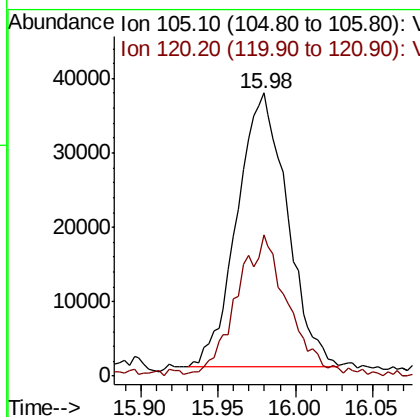
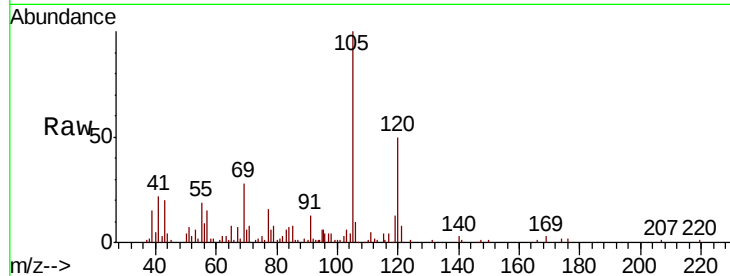
#73  
 1,3,5-Trimethylbenzene  
 Concen: 0.194 ppbv  
 RT: 15.98 min Scan# 4103  
 Delta R.T. 0.01 min  
 Lab File: VL036978.D  
 Acq: 18 May 2021 20:59

Instrument :  
 MSVOA\_L  
 ClientSampled :  
 SV1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 50.1  | 38.6  | 58.0  |

Manual Integrations  
 APPROVED

MMDadoda  
 5/20/2021 5:56:03 PM



#74  
 1,2,4-Trimethylbenzene  
 Concen: 0.717 ppbv  
 RT: 16.75 min Scan# 4342  
 Delta R.T. 0.01 min  
 Lab File: VL036978.D  
 Acq: 18 May 2021 20:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.0  | 40.6  | 61.0  |
| 91      | 9.6   | 37.4  | 56.0# |
| 77      | 12.2  | 16.2  | 24.4# |

