

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111418\  
 Data File : VL032755.D  
 Acq On : 14 Nov 2018 12:25  
 Operator : SY/AP  
 Sample : J5891-01DUP  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IASC1DUP

Manual Integrations  
 APPROVED

MMDadoda  
 11/16/2018 1:29:53 PM

Quant Time: Nov 15 05:57:30 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Nov 14 2018  
 QLast Update : Wed Nov 14 07:00:23 2018  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.76  | 49   | 1391906  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.30  | 114  | 3447922  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.25 | 117  | 3274050  | 10.00 | ppbv  | 0.00     |

| System Monitoring Compounds |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.58  | 95    | 2421708  | 9.89     | ppbv | 0.00   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 98.90% |

| Target Compounds           | R.T.  | QIon | Response | Conc    | Units  | Ovalue |
|----------------------------|-------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane | 3.08  | 85   | 108146   | 0.541   | ppbv   | 98     |
| 3) Chlorodifluoromethane   | 3.02  | 51   | 107226m  | 0.972   | ppbv   |        |
| 4) Chloromethane           | 3.18  | 50   | 33539    | 0.548   | ppbv # | 81     |
| 9) Propene                 | 3.05  | 41   | 114997m  | 2.604   | ppbv   |        |
| 10) Heptane                | 8.25  | 43   | 90437    | 0.536   | ppbv   | 98     |
| 11) Trichlorofluoromethane | 4.01  | 101  | 42768    | 0.227   | ppbv   | 92     |
| 13) Ethanol                | 3.66  | 45   | 1579148  | 109.175 | ppbv   | 99     |
| 15) Acetone                | 3.91  | 43   | 775557   | 6.101   | ppbv   | 97     |
| 19) Isopropyl Alcohol      | 4.04  | 45   | 209469   | 2.474   | ppbv # | 1      |
| 20) Methylene Chloride     | 4.41  | 84   | 323427   | 4.915   | ppbv   | 95     |
| 26) Hexane                 | 5.79  | 57   | 541089   | 4.103   | ppbv # | 45     |
| 30) Cyclohexane            | 7.25  | 84   | 27954m   | 0.242   | ppbv   |        |
| 34) 2-Butanone             | 5.34  | 43   | 112063   | 0.627   | ppbv   | 97     |
| 35) Carbon Tetrachloride   | 7.14  | 117  | 21189m   | 0.076   | ppbv   |        |
| 36) Benzene                | 7.01  | 78   | 131908   | 0.480   | ppbv   | 99     |
| 41) Tetrahydrofuran        | 6.16  | 42   | 19335m   | 0.188   | ppbv   |        |
| 44) 2,2,4-Trimethylpentane | 7.99  | 57   | 416874   | 0.909   | ppbv # | 86     |
| 52) Tetrachloroethene      | 11.37 | 164  | 4405m    | 0.046   | ppbv   |        |
| 53) Toluene                | 9.95  | 91   | 3369624  | 11.764  | ppbv   | 100    |
| 58) Ethyl Benzene          | 12.87 | 91   | 223289   | 0.567   | ppbv   | 94     |
| 59) m/p-Xylene             | 13.13 | 91   | 728245m  | 2.076   | ppbv   |        |
| 60) o-Xylene               | 13.85 | 91   | 285426   | 0.809   | ppbv   | 100    |
| 64) n-propylbenzene        | 15.72 | 120  | 29545m   | 0.236   | ppbv   |        |
| 72) 4-Ethyltoluene         | 16.00 | 105  | 150303   | 0.389   | ppbv   | 97     |
| 73) 1,3,5-Trimethylbenzene | 16.16 | 105  | 145841m  | 0.386   | ppbv   |        |
| 74) 1,2,4-Trimethylbenzene | 16.93 | 105  | 460015m  | 1.137   | ppbv   |        |
| 79) Naphthalene            | 22.43 | 128  | 47007m   | 0.177   | ppbv   |        |

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

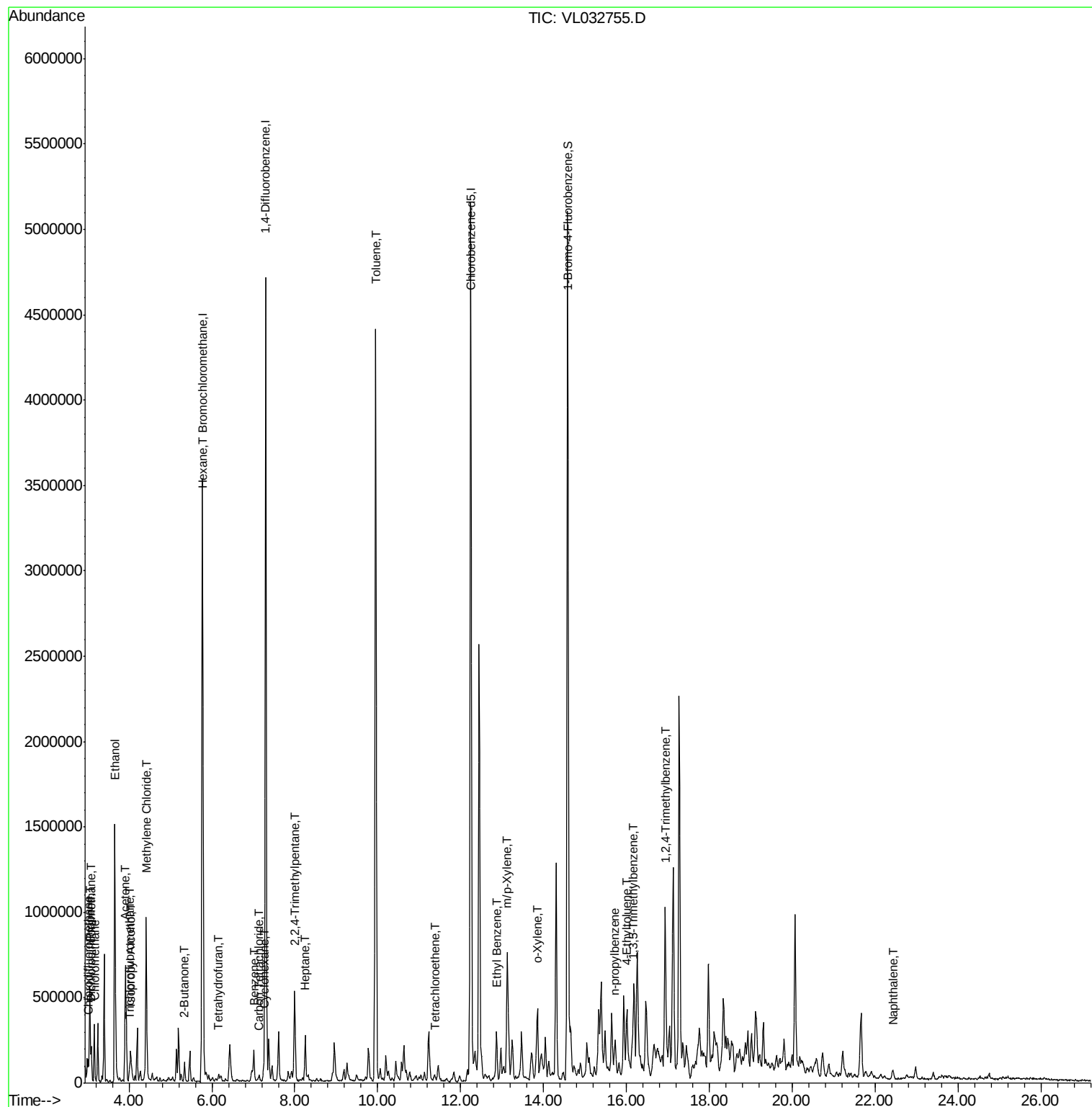
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111418\  
Data File : VL032755.D  
Acq On : 14 Nov 2018 12:25  
Operator : SY/AP  
Sample : J5891-01DUP  
Misc : 400ml/MSVOA L  
ALS Vial : 1 Sample Multiplier: 1

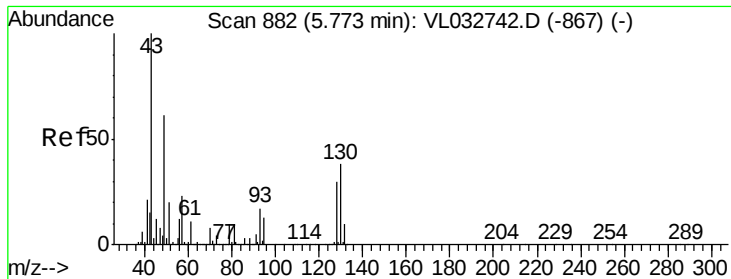
Instrument :  
MSVOA\_L  
ClientSampleId :  
IASC1DUP

Manual Integrations  
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11/16/2018 1:29:53 PM

Quant Time: Nov 15 05:57:30 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Wed Nov  
QLast Update : Wed Nov 14 07:00:23 2018  
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.01 min

Lab File: VL032755.D

Acq: 14 Nov 2018 12:25

Instrument :

MSVOA\_L

ClientSampleId :

IASC1DUP

Tot Ion: 49 Resp: 1391906

Ion Ratio Lower Upper

49 100

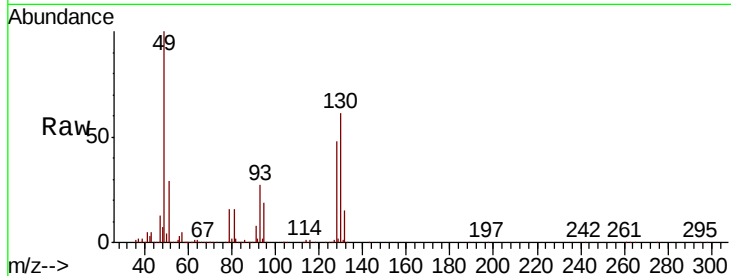
128 50.5 24.9 74.6

130 64.2 31.4 94.2

Manual Integrations  
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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

1000000

800000

600000

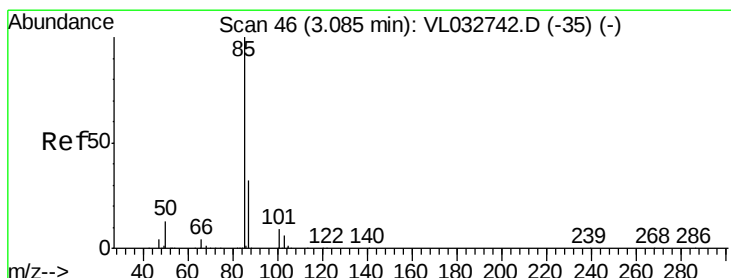
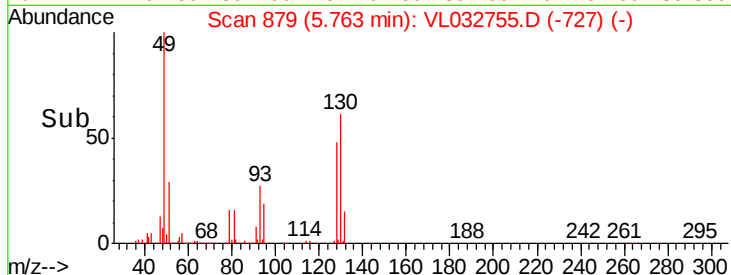
400000

200000

0

5.70 5.75 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.541 ppbv

RT: 3.08 min Scan# 45

Delta R.T. -0.00 min

Lab File: VL032755.D

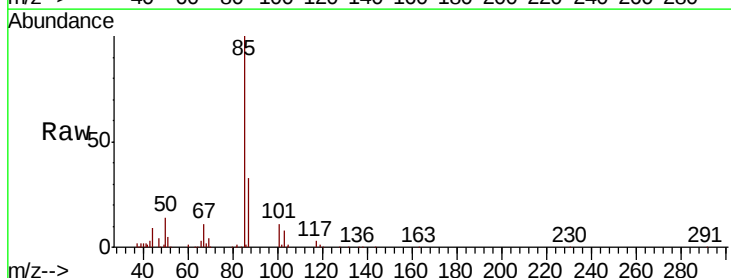
Acq: 14 Nov 2018 12:25

Tgt Ion: 85 Resp: 108146

Ion Ratio Lower Upper

85 100

87 33.5 26.0 39.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

100000

80000

60000

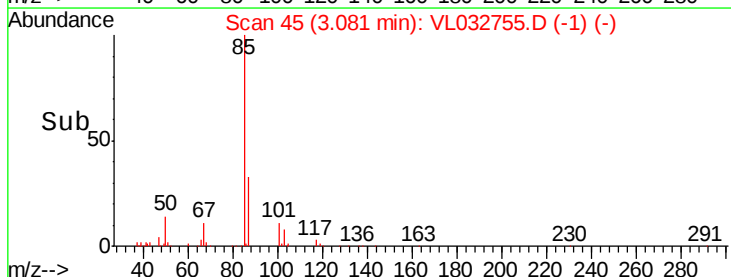
40000

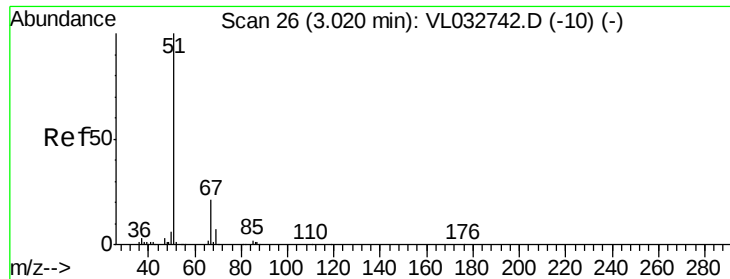
20000

0

3.05 3.10

Time-->





#3

Chlorodifluoromethane

Concen: 0.972 ppbv

RT: 3.02 min Scan# 26

Delta R.T. -0.00 min

Lab File: VL032755.D

Acq: 14 Nov 2018 12:25

Instrument :

MSVOA\_L

ClientSampleId :

IASC1DUP

Tot Ion: 51 Resp: 107226

Ion Ratio Lower Upper

51 100

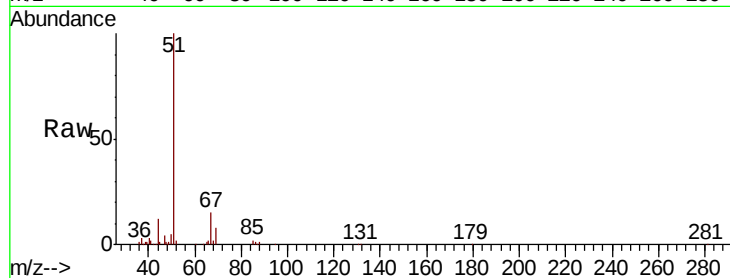
67 18.2 16.1 24.1

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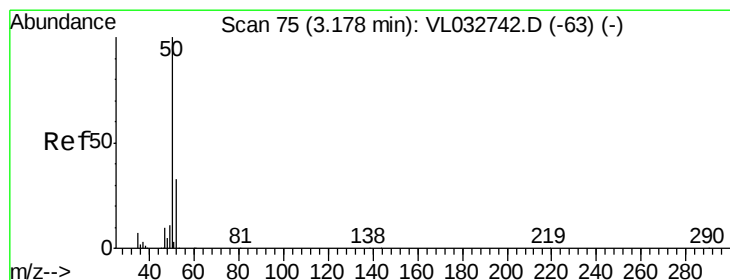
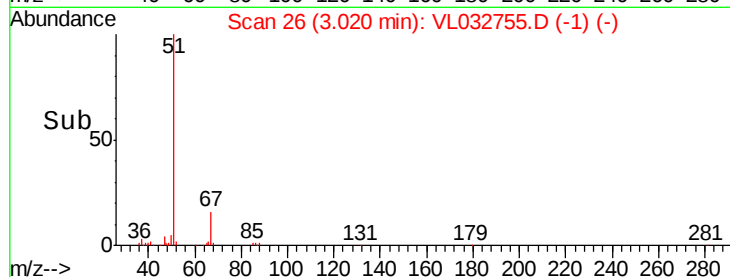
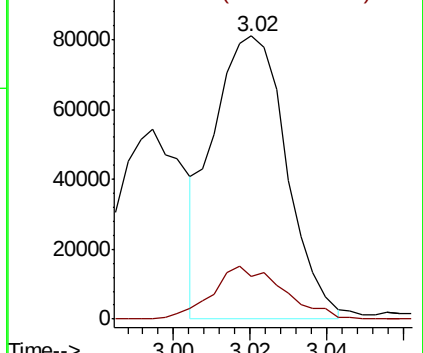
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.548 ppbv

RT: 3.18 min Scan# 75

Delta R.T. -0.00 min

Lab File: VL032755.D

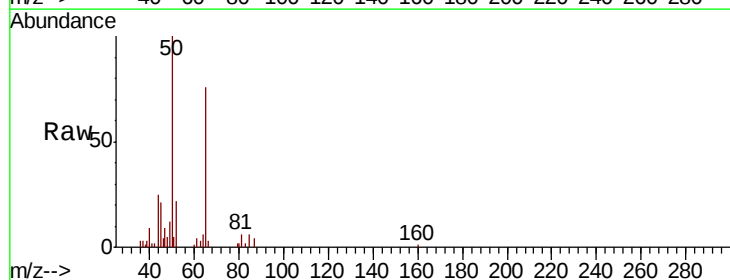
Acq: 14 Nov 2018 12:25

Tgt Ion: 50 Resp: 33539

Ion Ratio Lower Upper

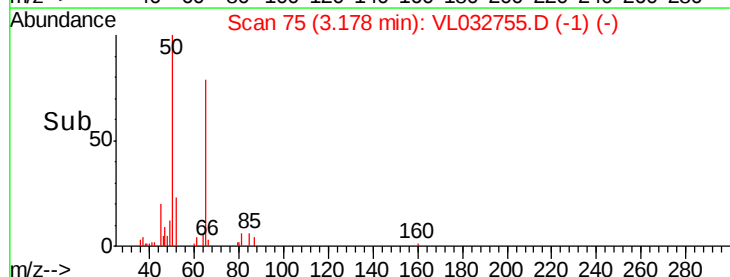
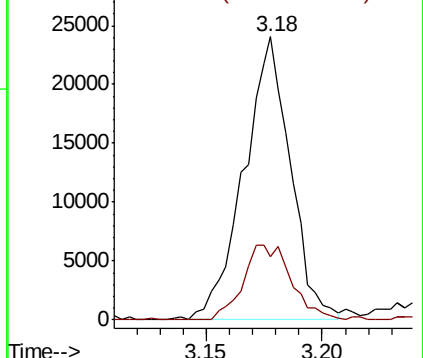
50 100

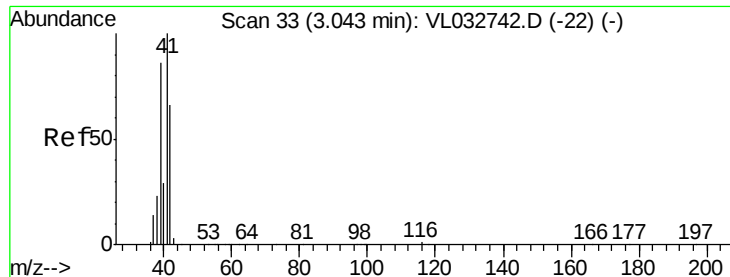
52 22.4 26.6 40.0#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 2.604 ppbv m

RT: 3.05 min Scan# 36

Delta R.T. 0.01 min

Lab File: VL032755.D

Acq: 14 Nov 2018 12:25

Instrument :

MSVOA\_L

ClientSampleId :

IASC1DUP

Tot Ion: 41 Resp: 114997

Ion Ratio Lower Upper

41 100

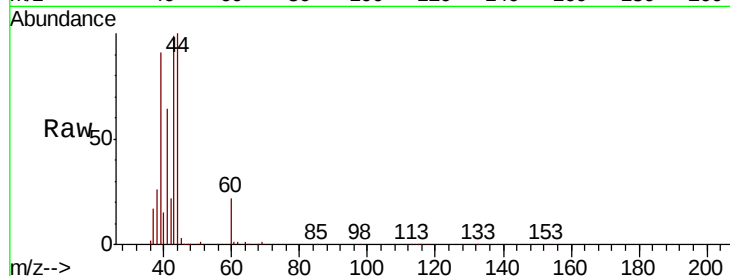
42 53.1 55.0 82.6#

Manual Integrations

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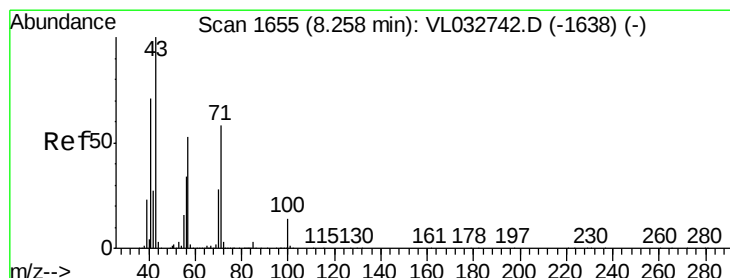
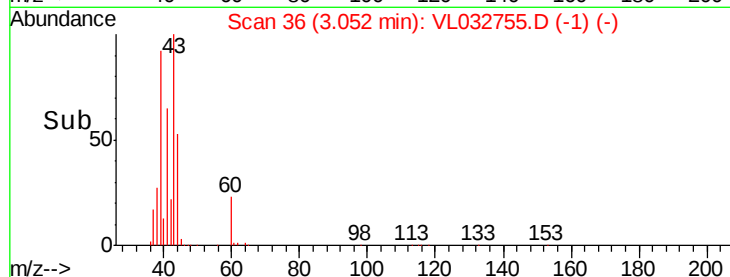
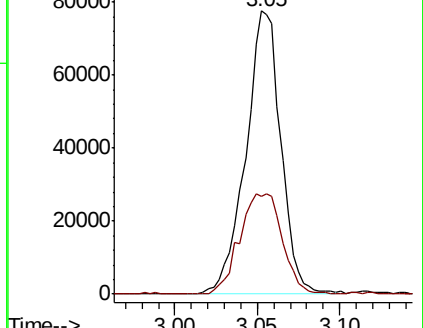
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Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 0.536 ppbv

RT: 8.25 min Scan# 1653

Delta R.T. -0.01 min

Lab File: VL032755.D

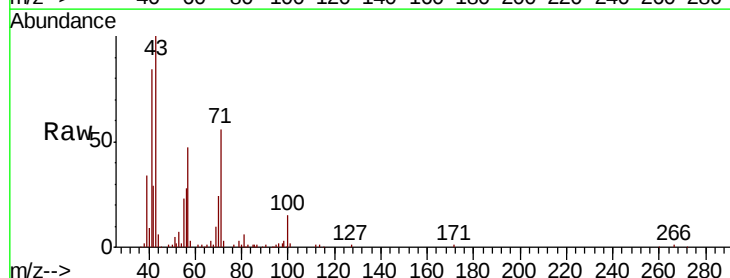
Acq: 14 Nov 2018 12:25

Tgt Ion: 43 Resp: 90437

Ion Ratio Lower Upper

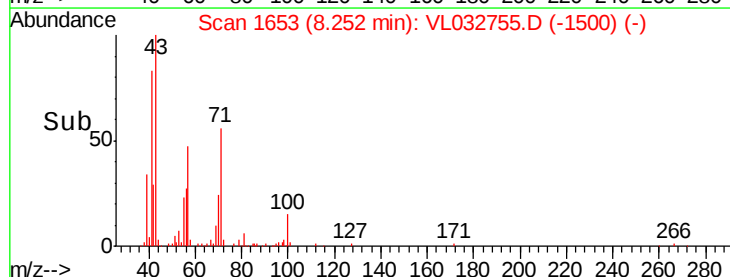
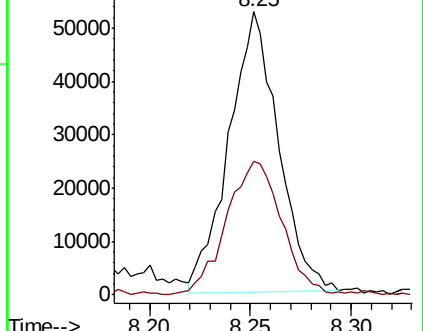
43 100

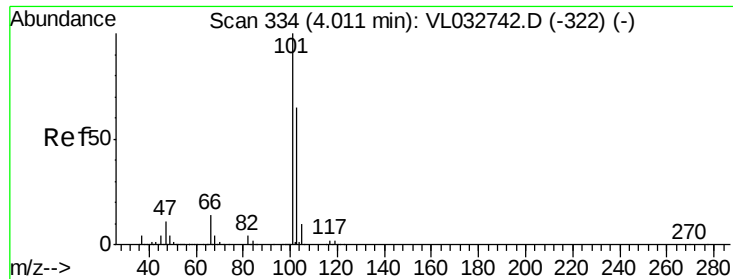
57 53.9 41.8 62.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





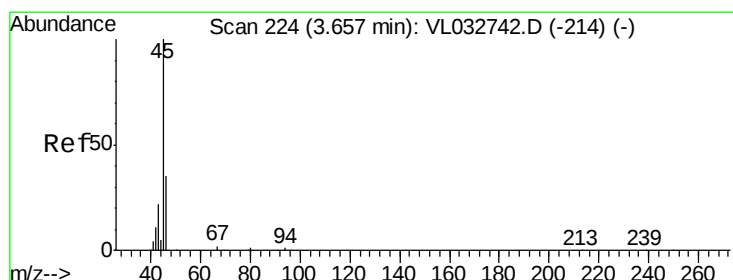
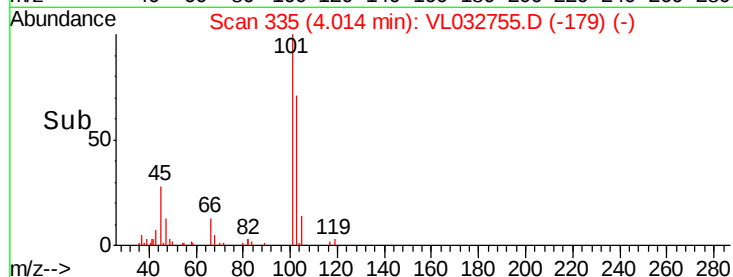
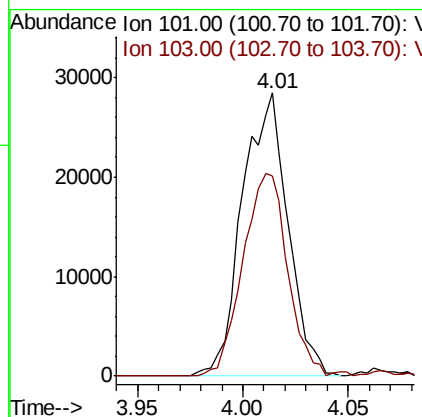
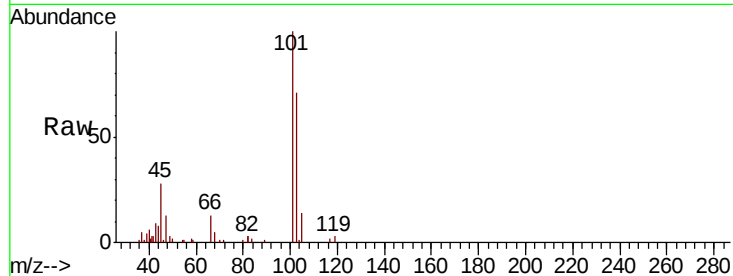
#11  
Trichlorofluoromethane  
Concen: 0.227 ppbv  
RT: 4.01 min Scan# 335  
Delta R.T. 0.00 min  
Lab File: VL032755.D  
Acq: 14 Nov 2018 12:25

Instrument :  
MSVOA\_L  
ClientSampleId :  
IASC1DUP

Tot Ion:101 Resp: 42768  
Ion Ratio Lower Upper  
101 100  
103 70.5 51.6 77.4

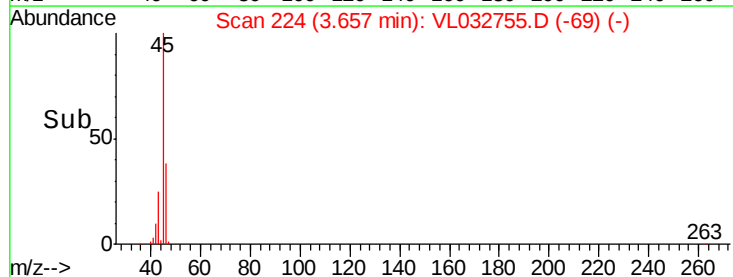
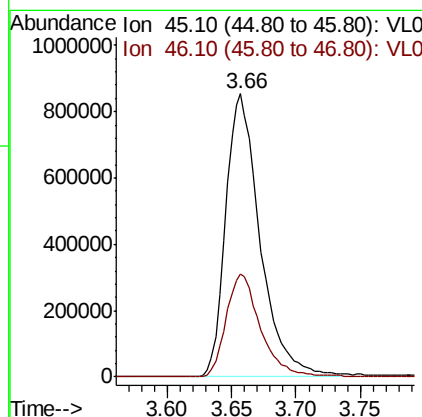
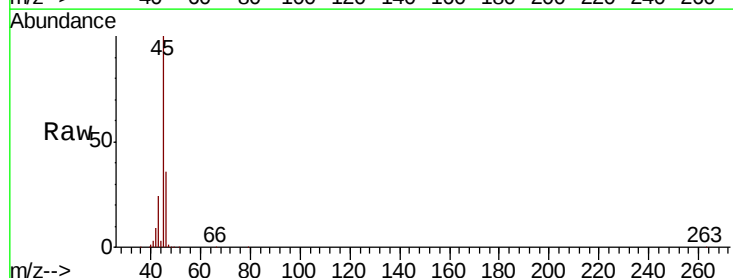
Manual Integrations  
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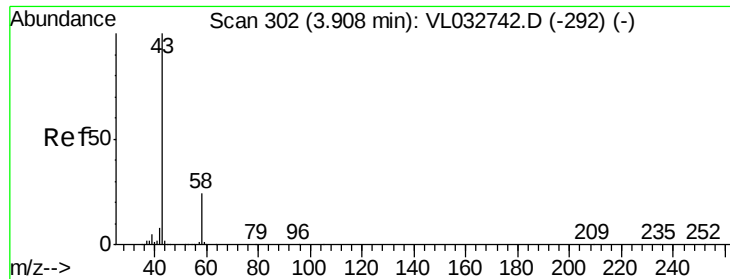
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#13  
Ethanol  
Concen: 109.175 ppbv  
RT: 3.66 min Scan# 224  
Delta R.T. -0.00 min  
Lab File: VL032755.D  
Acq: 14 Nov 2018 12:25

Tgt Ion: 45 Resp: 1579148  
Ion Ratio Lower Upper  
45 100  
46 36.6 14.5 57.9





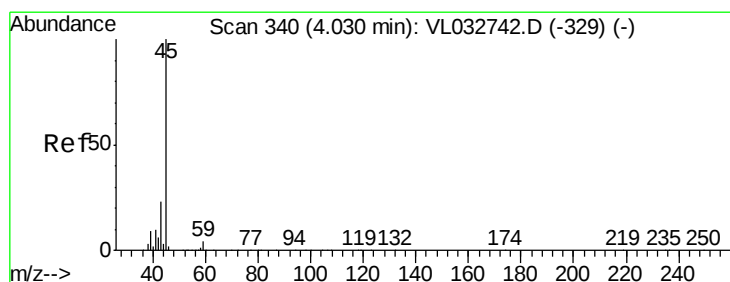
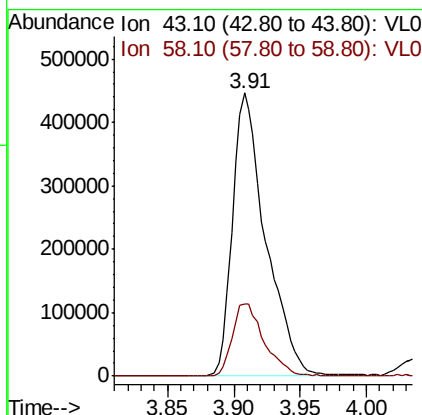
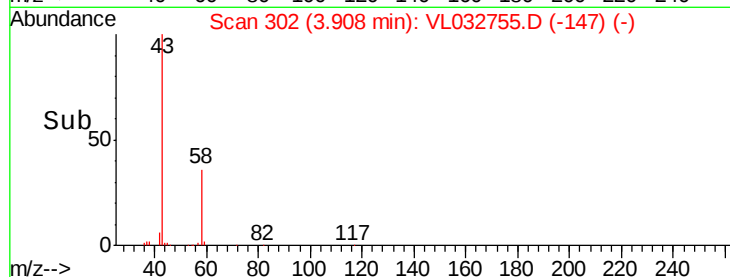
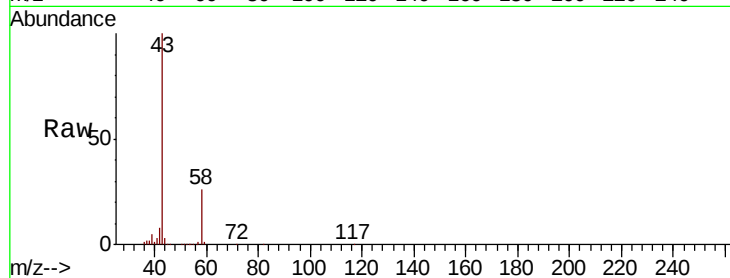
#15  
Acetone  
Concen: 6.101 ppbv  
RT: 3.91 min Scan# 302  
Delta R.T. -0.00 min  
Lab File: VL032755.D  
Acq: 14 Nov 2018 12:25

Instrument :  
MSVOA\_L  
ClientSampleId :  
IASC1DUP

| Tot Ion   | 43   | Resp  | 775557 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 24.8 | 21.1  | 31.7   |

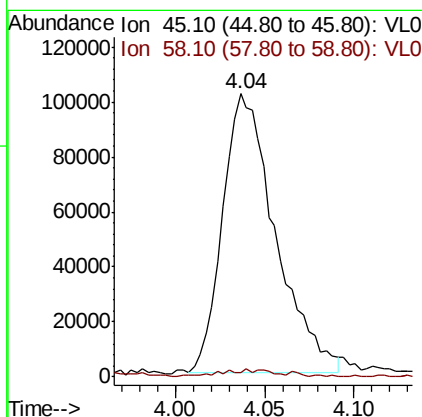
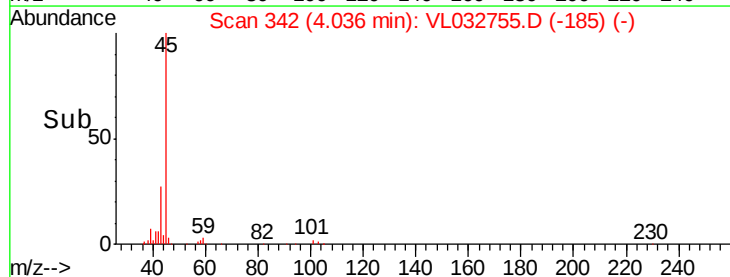
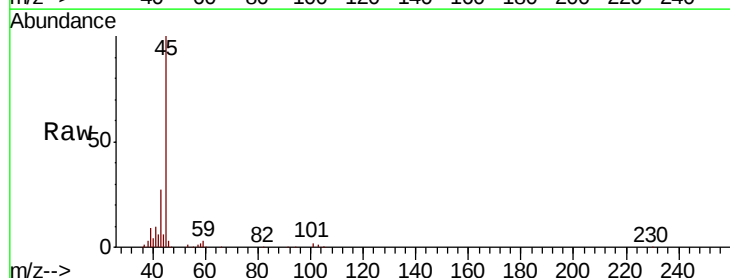
Manual Integrations  
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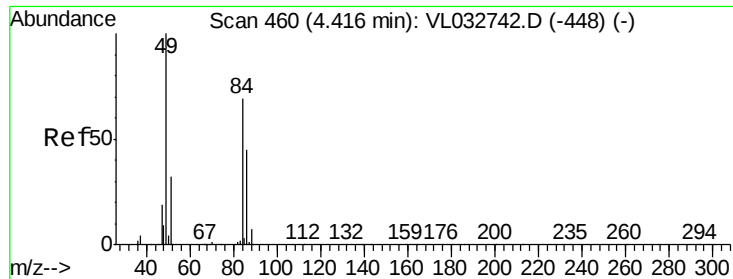
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#19  
Isopropyl Alcohol  
Concen: 2.474 ppbv  
RT: 4.04 min Scan# 342  
Delta R.T. 0.01 min  
Lab File: VL032755.D  
Acq: 14 Nov 2018 12:25

| Tgt Ion   | 45   | Resp  | 209469 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 45        | 100  |       |        |
| 58        | 91.8 | 1.4   | 2.0#   |





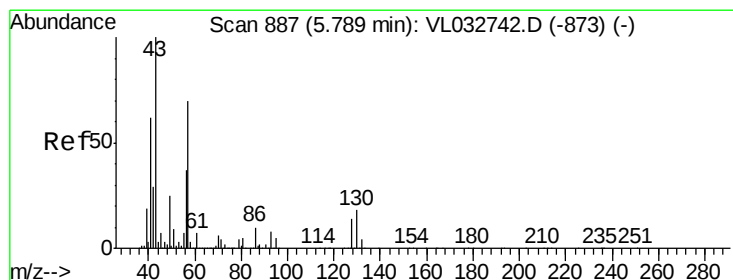
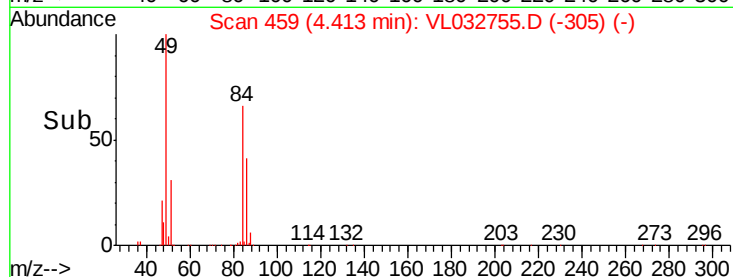
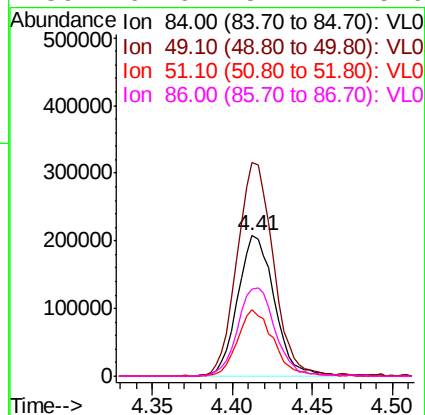
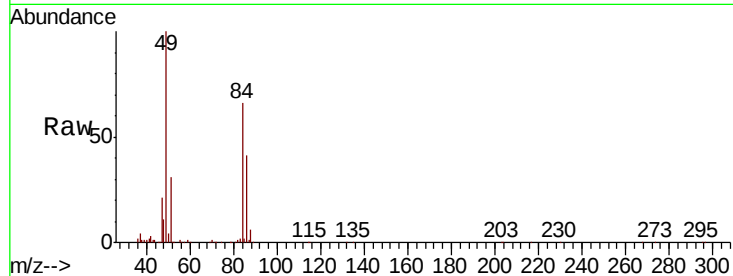
#20  
Methvlene Chloride  
Concen: 4.915 ppbv  
RT: 4.41 min Scan# 459  
Delta R.T. -0.00 min  
Lab File: VL032755.D  
Acq: 14 Nov 2018 12:25

Instrument :  
MSVOA\_L  
ClientSampleId :  
IASC1DUP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 151.7 | 115.8 | 173.6 |
| 51      | 47.2  | 36.9  | 55.3  |
| 86      | 61.6  | 52.4  | 78.6  |

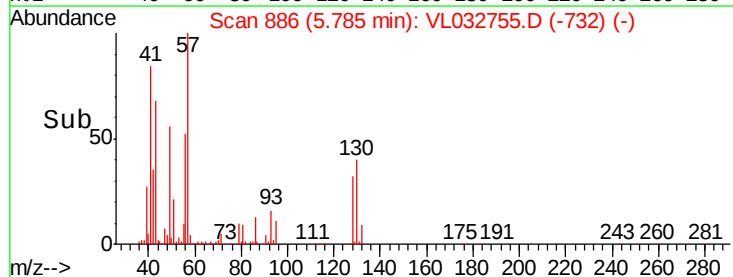
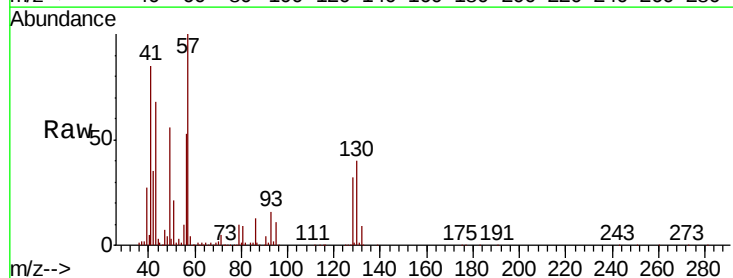
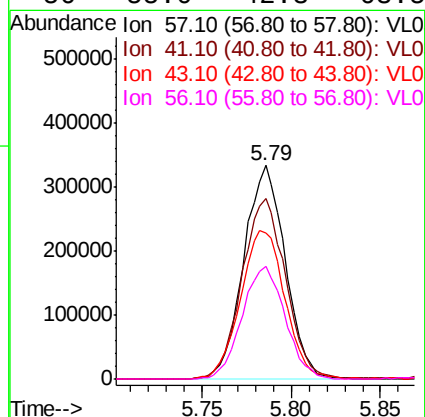
Manual Integrations  
APPROVED

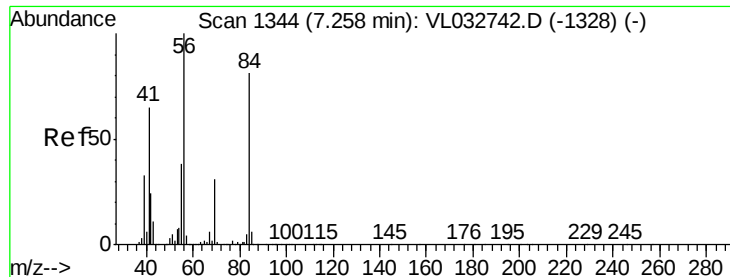
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11/16/2018 1:29:53 PM



#26  
Hexane  
Concen: 4.103 ppbv  
RT: 5.79 min Scan# 886  
Delta R.T. -0.00 min  
Lab File: VL032755.D  
Acq: 14 Nov 2018 12:25

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 57      | 100   |       |        |
| 41      | 89.4  | 70.3  | 105.5  |
| 43      | 74.5  | 174.0 | 261.0# |
| 56      | 55.0  | 42.3  | 63.5   |





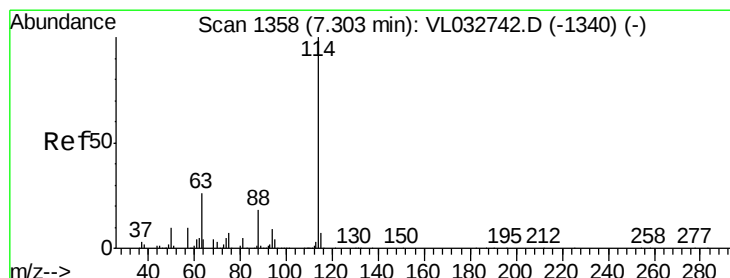
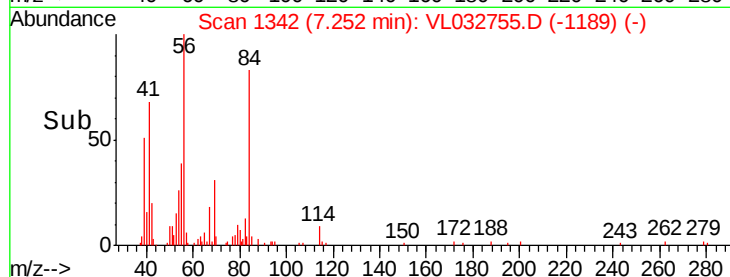
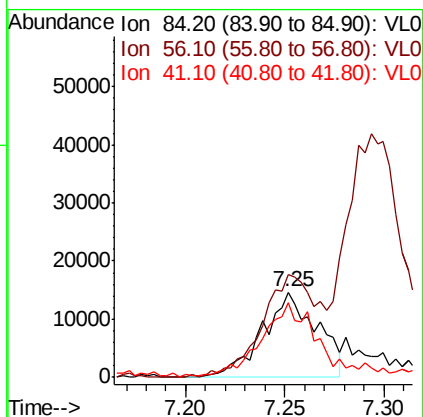
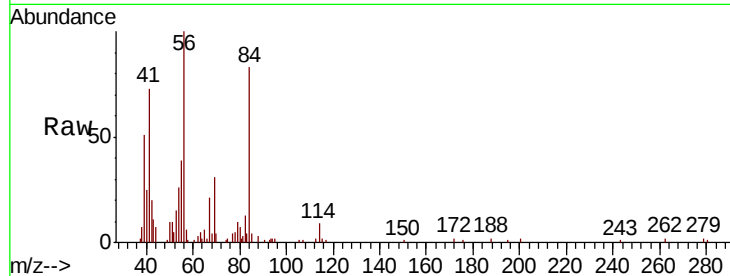
#30  
Cyclohexane  
Concen: 0.242 ppbv m  
RT: 7.25 min Scan# 1342  
Delta R.T. -0.01 min  
Lab File: VL032755.D  
Acq: 14 Nov 2018 12:25

Instrument :  
MSVOA\_L  
ClientSampleID :  
IASC1DUP

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 84      | 100   |       |        |
| 56      | 0.0   | 105.0 | 157.4# |
| 41      | 89.9  | 65.3  | 97.9   |

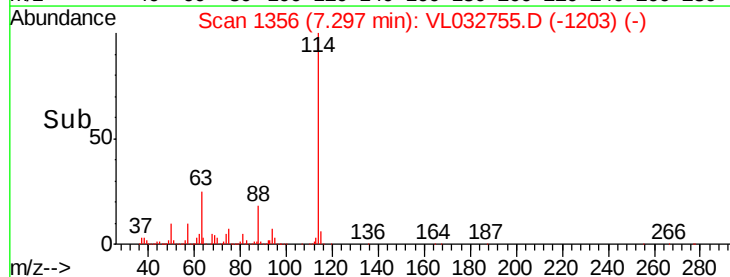
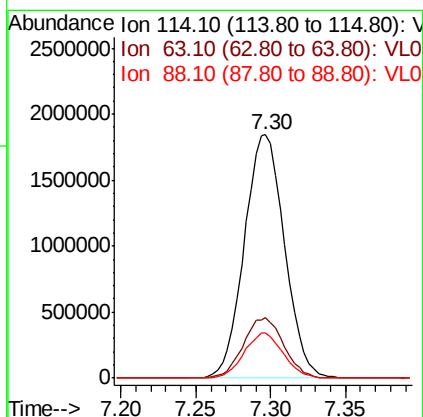
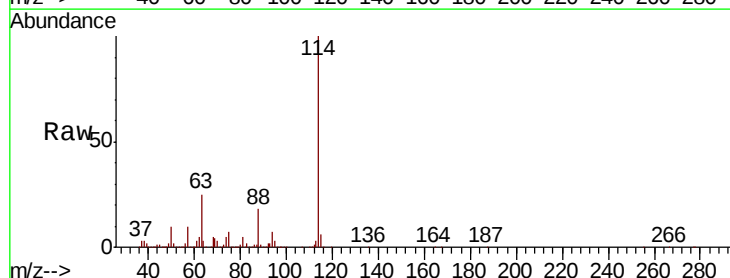
Manual Integrations  
APPROVED

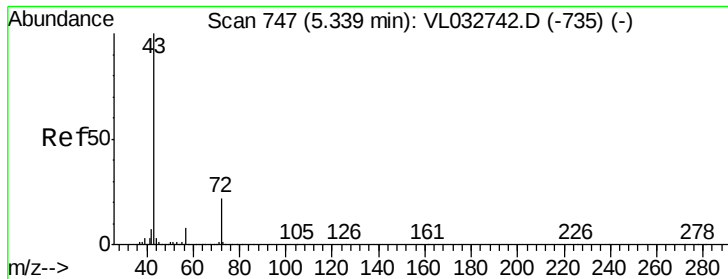
MMDadoda  
11/16/2018 1:29:53 PM



#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 7.30 min Scan# 1356  
Delta R.T. -0.01 min  
Lab File: VL032755.D  
Acq: 14 Nov 2018 12:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 24.9  | 20.9  | 31.3  |
| 88      | 18.1  | 14.4  | 21.6  |





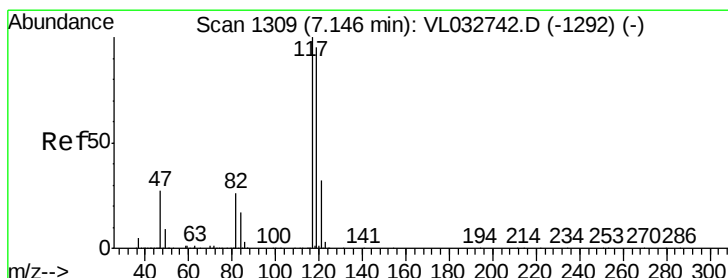
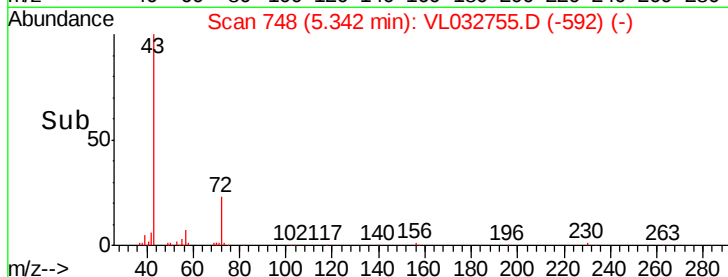
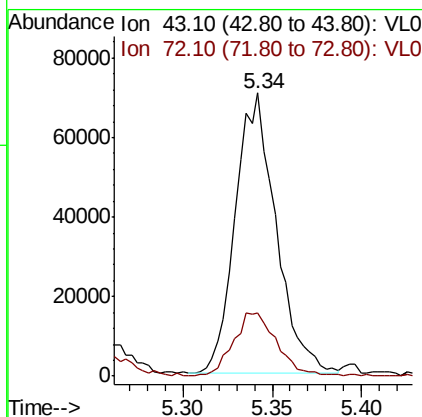
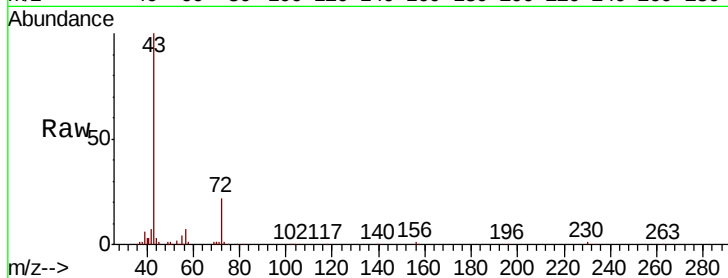
#34  
2-Butanone  
Concen: 0.627 ppbv  
RT: 5.34 min Scan# 748  
Delta R.T. 0.00 min  
Lab File: VL032755.D  
Acq: 14 Nov 2018 12:25

Instrument :  
MSVOA\_L  
ClientSampleId :  
IASC1DUP

| Tot Ion | 43  | 72   | Ratio | Lower | Upper |
|---------|-----|------|-------|-------|-------|
| 112063  | 100 | 24.2 |       | 18.4  | 27.6  |

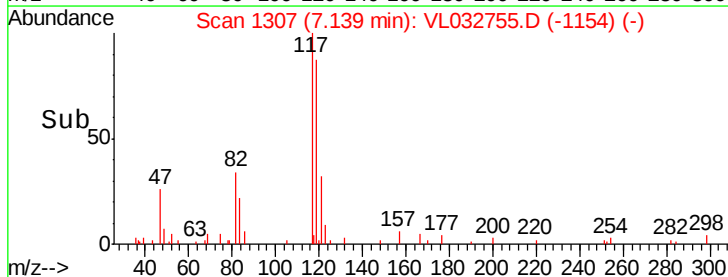
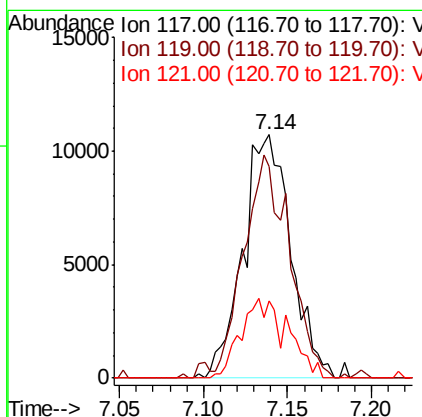
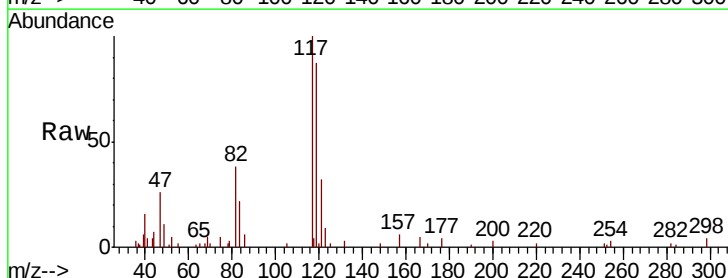
Manual Integrations  
APPROVED

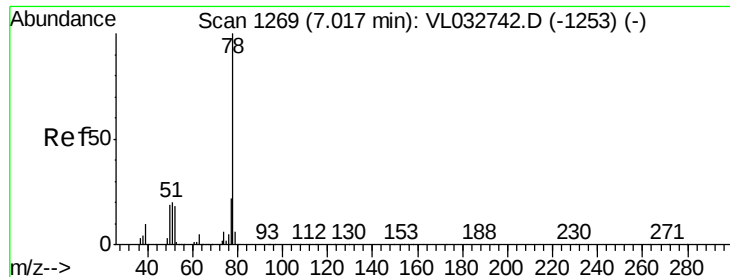
MMDadoda  
11/16/2018 1:29:53 PM



#35  
Carbon Tetrachloride  
Concen: 0.076 ppbv m  
RT: 7.14 min Scan# 1307  
Delta R.T. -0.01 min  
Lab File: VL032755.D  
Acq: 14 Nov 2018 12:25

| Tgt Ion | 117 | 119  | 121  | Ratio | Lower | Upper |
|---------|-----|------|------|-------|-------|-------|
| 21189   | 100 | 86.9 | 31.8 |       | 76.1  | 114.1 |
|         |     |      |      |       | 25.4  | 38.0  |





#36

Benzene

Concen: 0.480 ppbv

RT: 7.01 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VL032755.D

Acq: 14 Nov 2018 12:25

Instrument :

MSVOA\_L

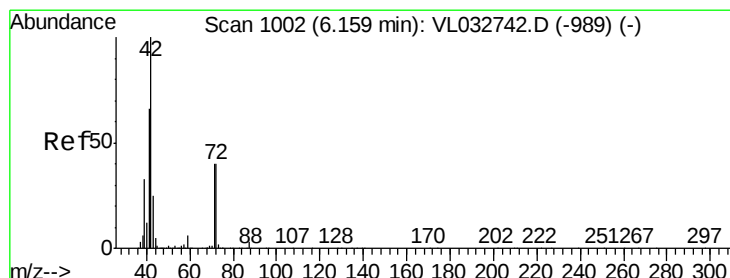
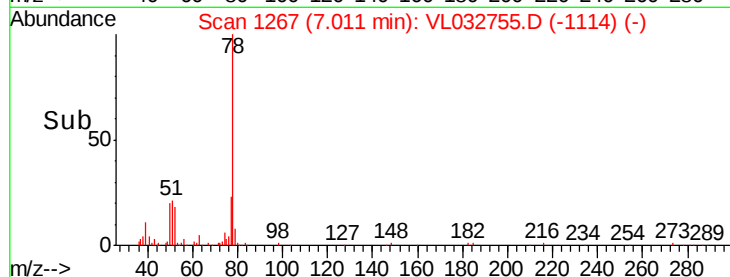
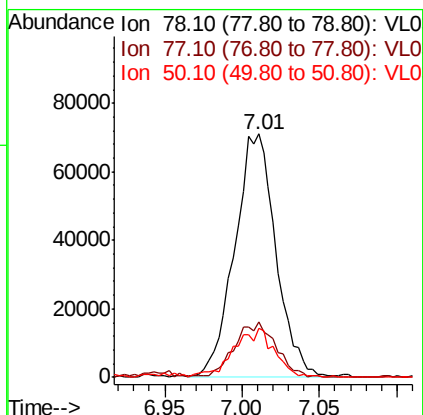
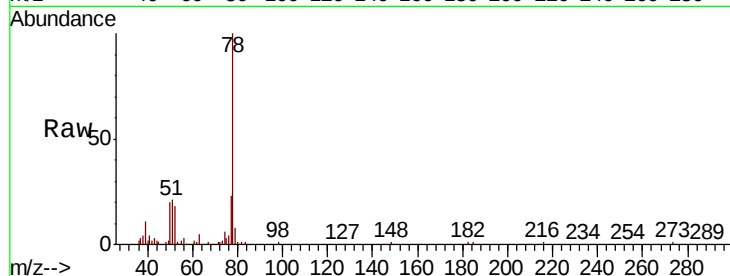
ClientSampleId :

IASC1DUP

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 78    | Resp: | 131908 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 22.6  | 17.8  | 26.8   |
| 50       | 19.9  | 15.4  | 23.0   |

Manual Integrations  
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#41

Tetrahydrofuran

Concen: 0.188 ppbv m

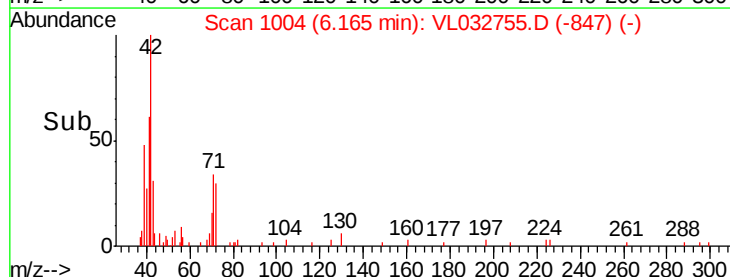
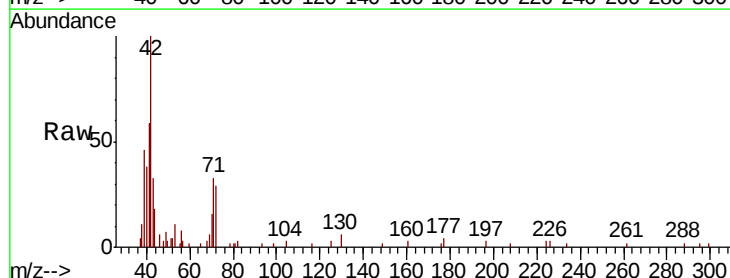
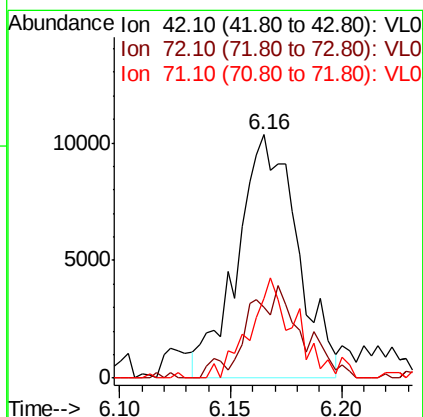
RT: 6.16 min Scan# 1004

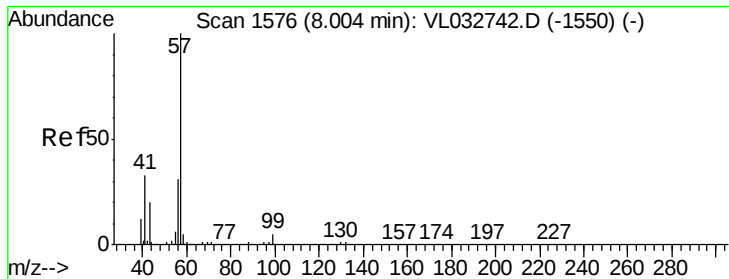
Delta R.T. 0.01 min

Lab File: VL032755.D

Acq: 14 Nov 2018 12:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 19335 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 0.0   | 32.4  | 48.6# |
| 71       | 0.0   | 31.6  | 47.4# |





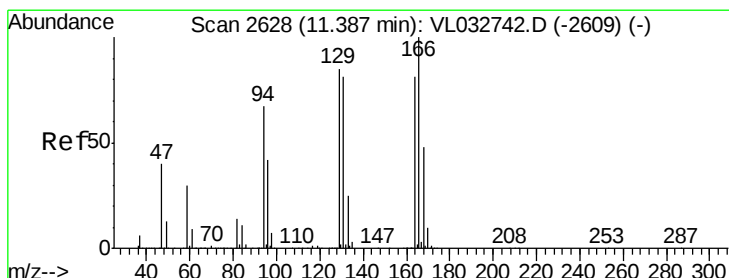
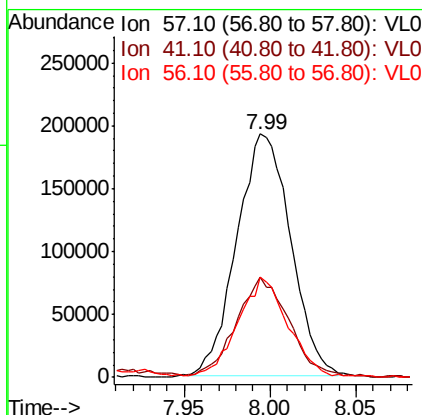
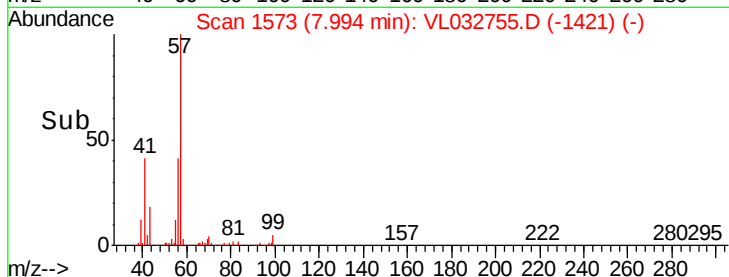
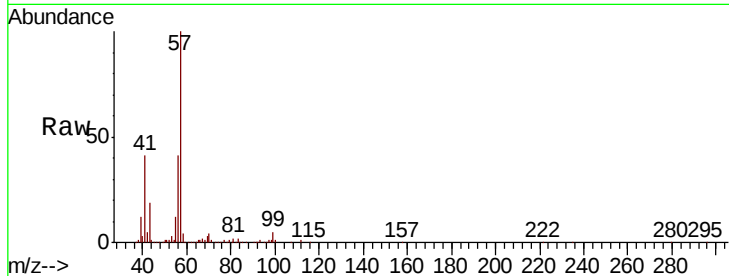
#44  
2,2,4-Trimethylpentane  
Concen: 0.909 ppbv  
RT: 7.99 min Scan# 1573  
Delta R.T. -0.01 min  
Lab File: VL032755.D  
Acq: 14 Nov 2018 12:25

Instrument :  
MSVOA\_L  
ClientSampleId :  
IASC1DUP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 57      | 100   |       |       |
| 41      | 40.3  | 26.6  | 39.8# |
| 56      | 39.0  | 24.8  | 37.2# |

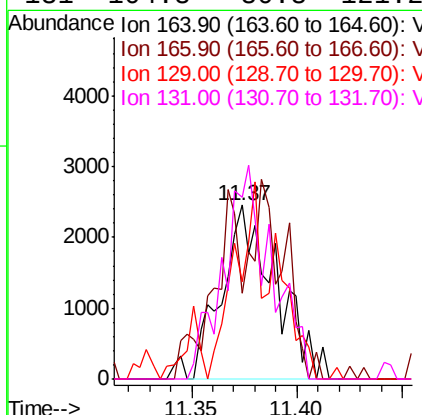
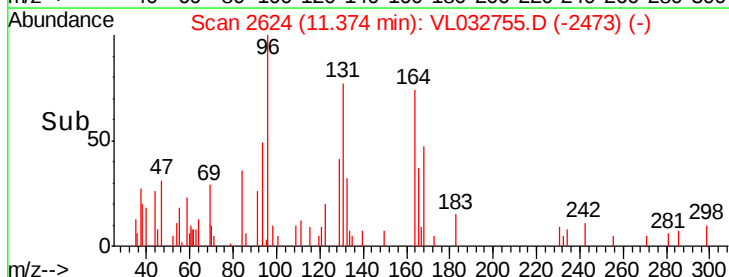
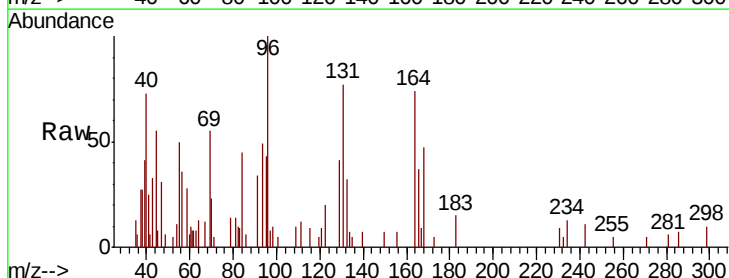
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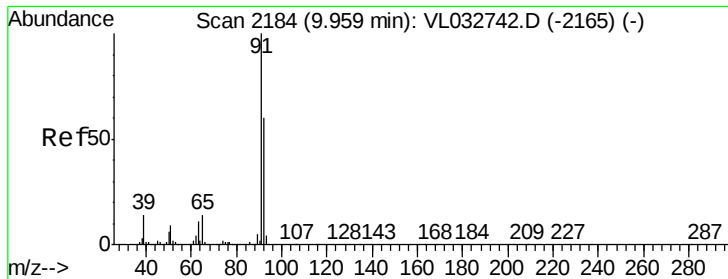
MMDadoda  
11/16/2018 1:29:53 PM



#52  
Tetrachloroethene  
Concen: 0.046 ppbv m  
RT: 11.37 min Scan# 2624  
Delta R.T. -0.01 min  
Lab File: VL032755.D  
Acq: 14 Nov 2018 12:25

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 164     | 100   |       |        |
| 166     | 49.6  | 99.3  | 148.9# |
| 129     | 55.7  | 83.9  | 125.9# |
| 131     | 104.8 | 80.8  | 121.2  |





#53

Toluene

Concen: 11.764 ppbv

RT: 9.95 min Scan# 2181

Delta R.T. -0.01 min

Lab File: VL032755.D

Acq: 14 Nov 2018 12:25

Instrument :

MSVOA\_L

ClientSampleId :

IASC1DUP

Tot Ion: 91 Resp: 3369624

Ion Ratio Lower Upper

91 100

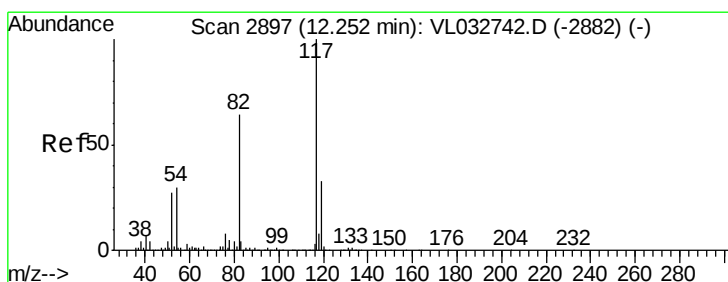
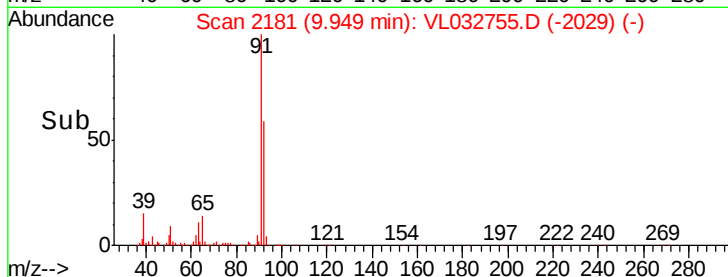
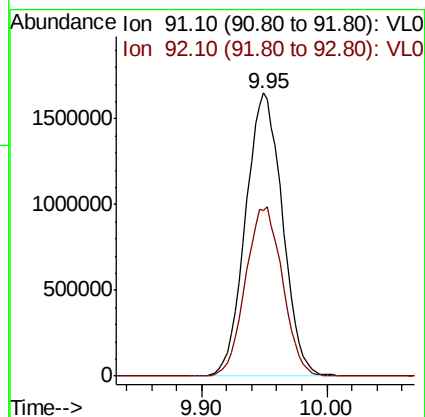
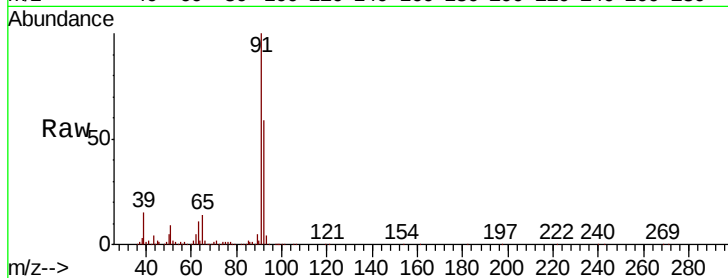
92 60.2 47.9 71.9

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.25 min Scan# 2895

Delta R.T. -0.01 min

Lab File: VL032755.D

Acq: 14 Nov 2018 12:25

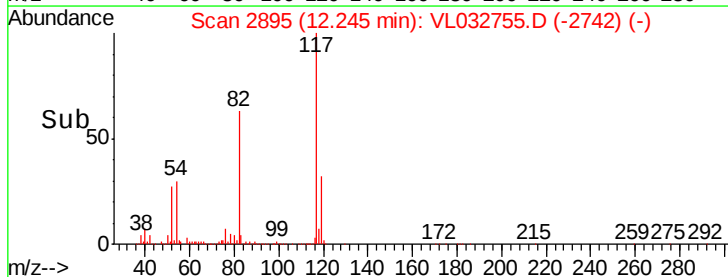
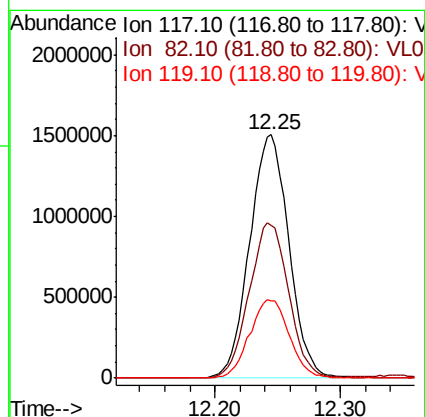
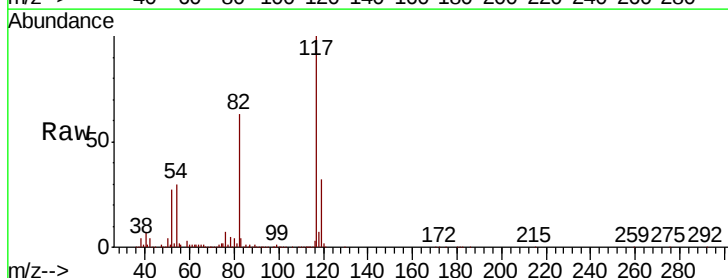
Tgt Ion: 117 Resp: 3274050

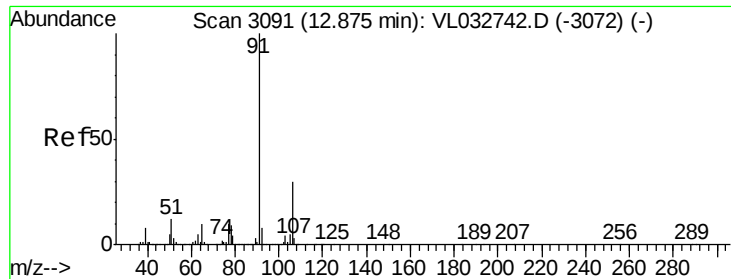
Ion Ratio Lower Upper

117 100

82 64.1 51.0 76.6

119 32.8 28.0 42.0





#58

Ethyl Benzene

Concen: 0.567 ppbv

RT: 12.87 min Scan# 3089

Delta R.T. -0.01 min

Lab File: VL032755.D

Acq: 14 Nov 2018 12:25

Instrument :

MSVOA\_L

ClientSampleId :

IASC1DUP

Tot Ion: 91 Resp: 223289

Ion Ratio Lower Upper

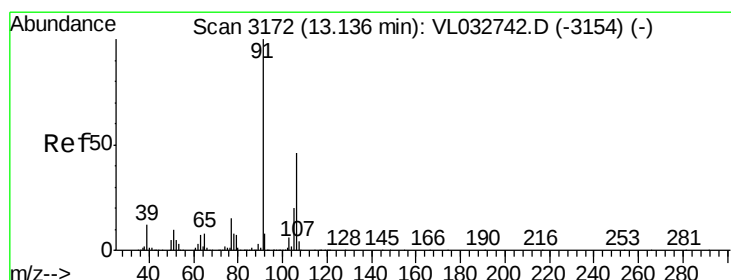
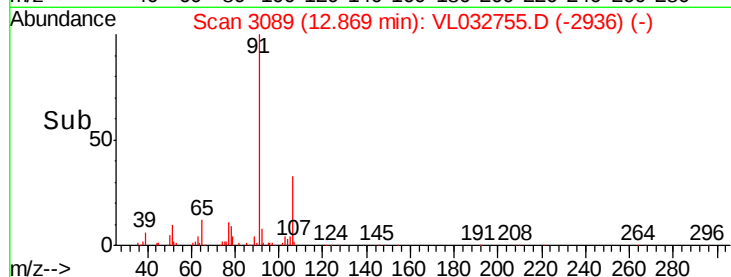
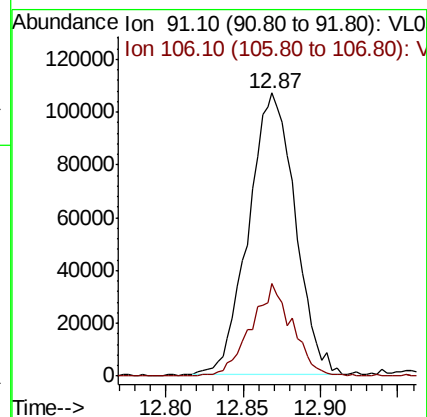
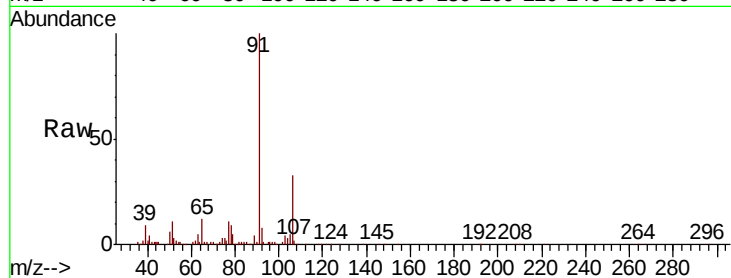
91 100

106 32.8 23.6 35.4

Manual Integrations  
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#59

m/p-Xylene

Concen: 2.076 ppbv m

RT: 13.13 min Scan# 3169

Delta R.T. -0.01 min

Lab File: VL032755.D

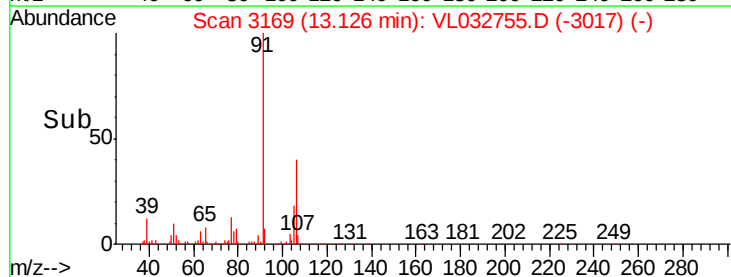
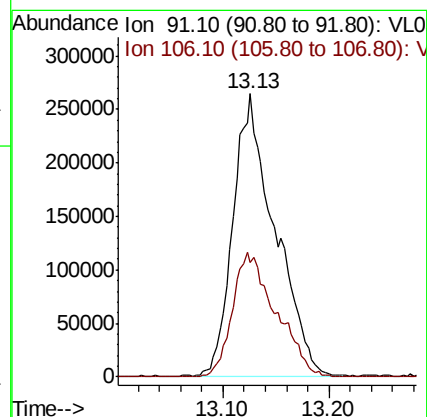
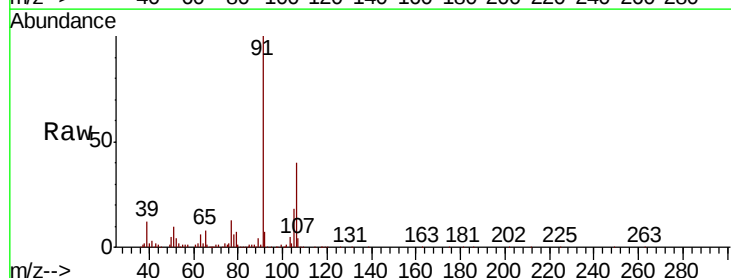
Acq: 14 Nov 2018 12:25

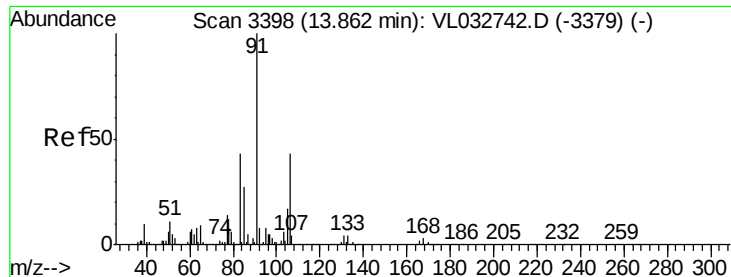
Tgt Ion: 91 Resp: 728245

Ion Ratio Lower Upper

91 100

106 45.6 36.1 54.1





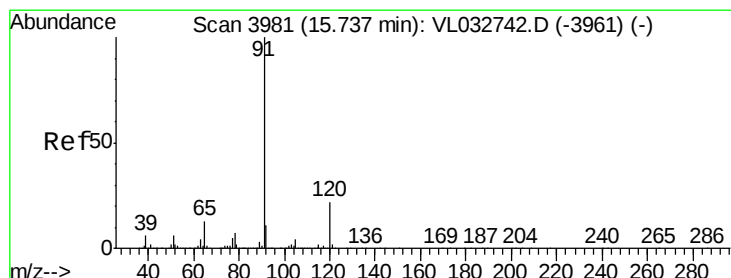
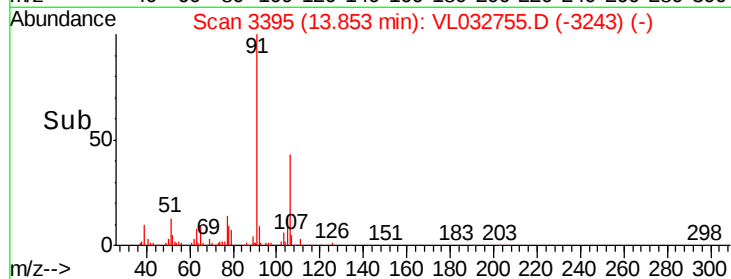
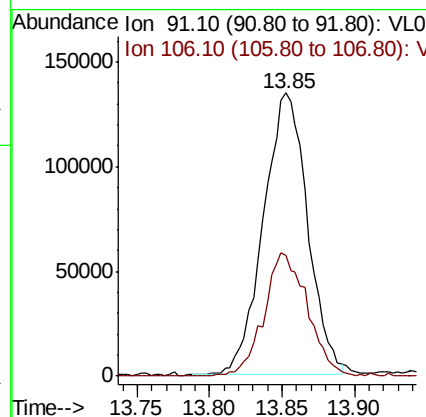
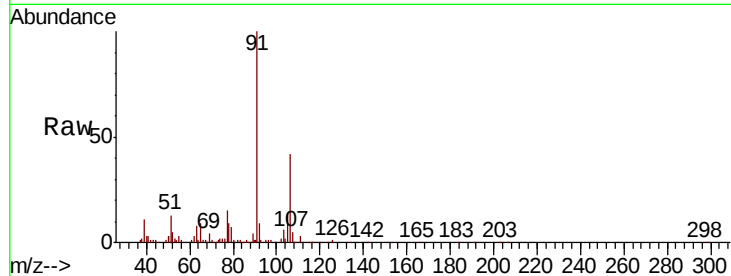
#60  
o-Xylene  
Concen: 0.809 ppbv  
RT: 13.85 min Scan# 3395  
Delta R.T. -0.01 min  
Lab File: VL032755.D  
Acq: 14 Nov 2018 12:25

Instrument :  
MSVOA\_L  
ClientSampled :  
IASC1DUP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 43.5  | 21.9  | 65.7  |

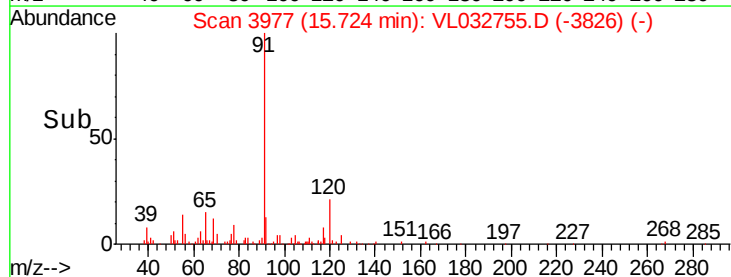
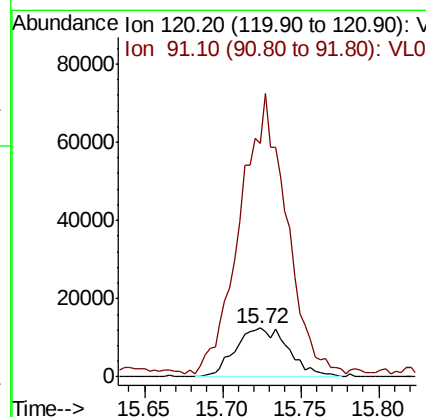
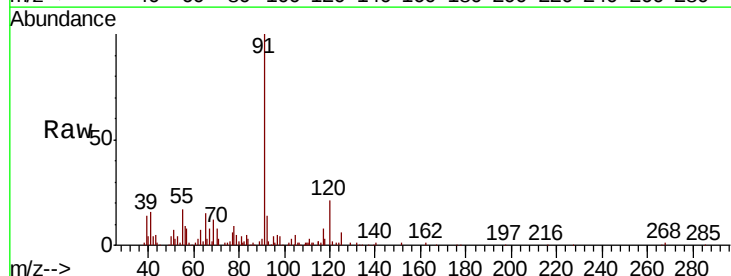
Manual Integrations  
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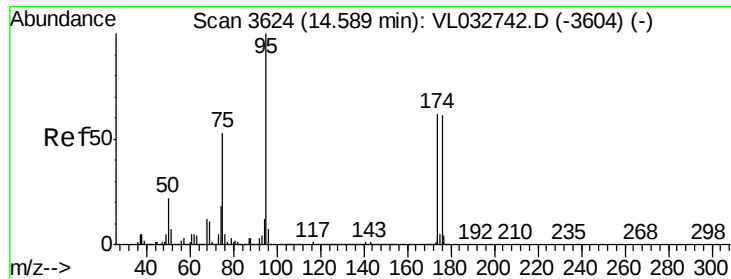
MMDadoda  
11/16/2018 1:29:53 PM



#64  
n-propylbenzene  
Concen: 0.236 ppbv m  
RT: 15.72 min Scan# 3977  
Delta R.T. -0.01 min  
Lab File: VL032755.D  
Acq: 14 Nov 2018 12:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 120     | 100   |       |       |
| 91      | 502.3 | 381.7 | 572.5 |





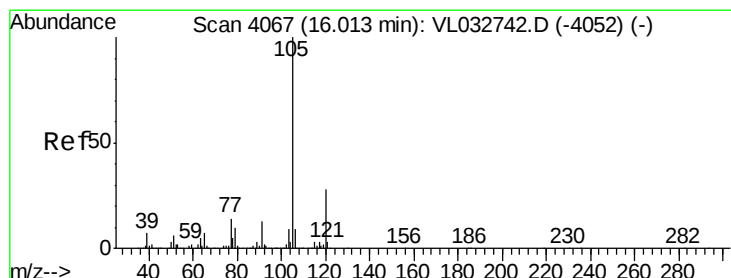
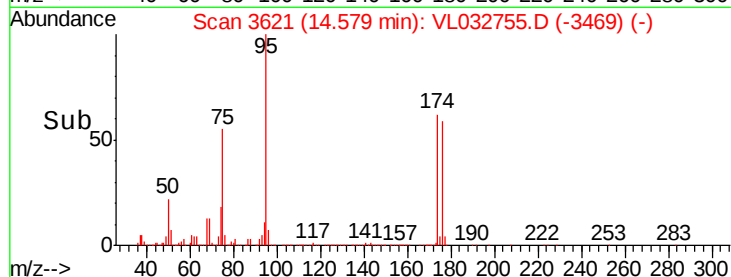
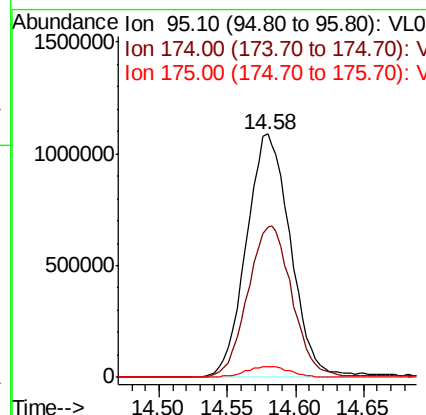
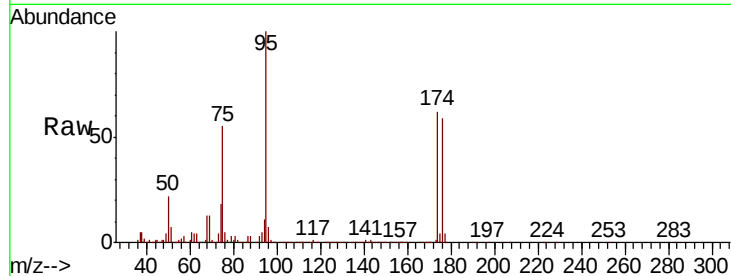
#68  
 1-Bromo-4-Fluorobenzene  
 Concen: 9.889 ppbv  
 RT: 14.58 min Scan# 3621  
 Delta R.T. -0.01 min  
 Lab File: VL032755.D  
 Acq: 14 Nov 2018 12:25

Instrument :  
 MSVOA\_L  
 ClientSampled :  
 IASC1DUP

Tot Ion: 95 Resp: 2421708  
 Ion Ratio Lower Upper  
 95 100  
 174 63.1 50.7 76.1  
 175 4.7 3.8 5.6

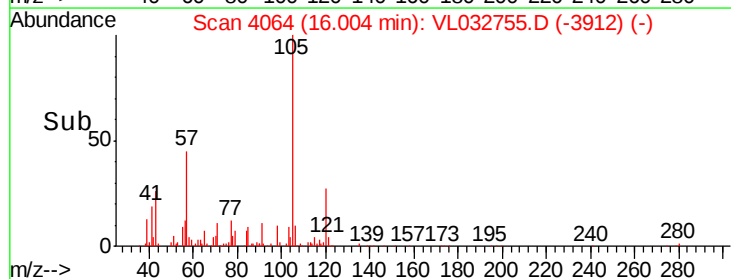
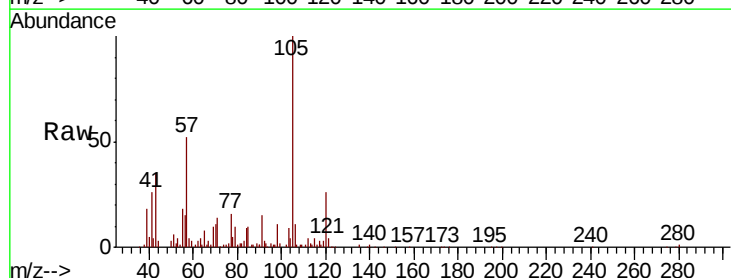
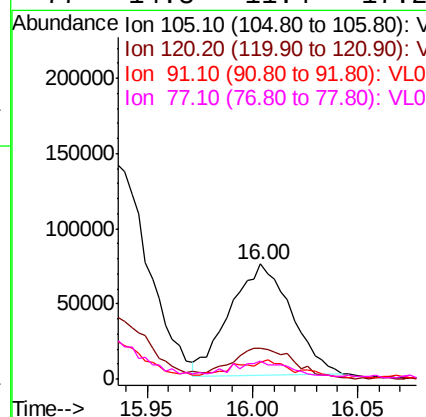
Manual Integrations  
 APPROVED

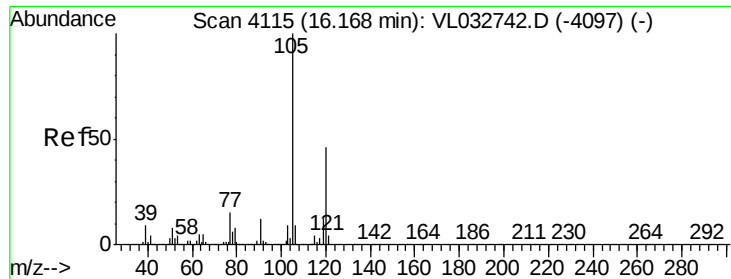
MMDadoda  
 11/16/2018 1:29:53 PM



#72  
 4-Ethyltoluene  
 Concen: 0.389 ppbv  
 RT: 16.00 min Scan# 4064  
 Delta R.T. -0.01 min  
 Lab File: VL032755.D  
 Acq: 14 Nov 2018 12:25

Tgt Ion: 105 Resp: 150303  
 Ion Ratio Lower Upper  
 105 100  
 120 27.0 22.9 34.3  
 91 15.5 10.6 15.8  
 77 14.3 11.4 17.2





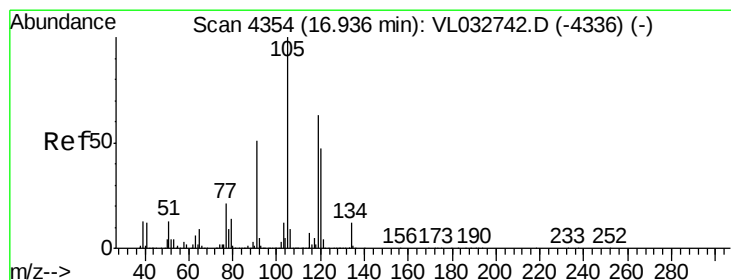
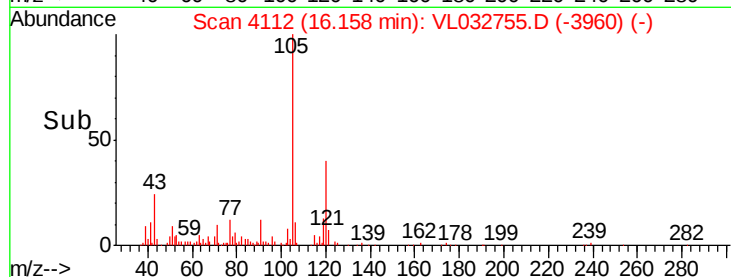
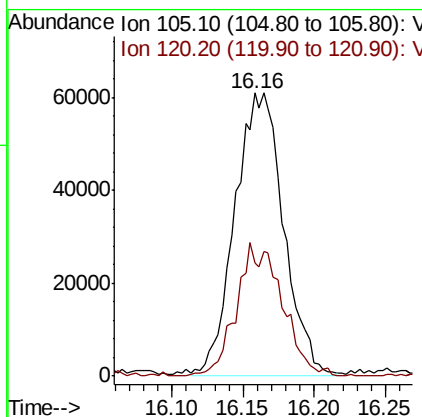
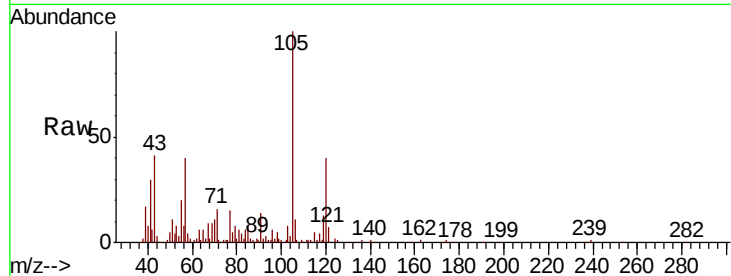
#73  
 1,3,5-Trimethylbenzene  
 Concen: 0.386 ppbv m  
 RT: 16.16 min Scan# 4112  
 Delta R.T. -0.01 min  
 Lab File: VL032755.D  
 Acq: 14 Nov 2018 12:25

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IASC1DUP

Tot Ion:105 Resp: 145841  
 Ion Ratio Lower Upper  
 105 100  
 120 40.2 36.6 55.0

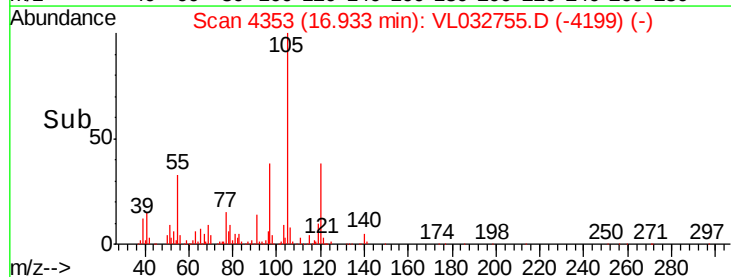
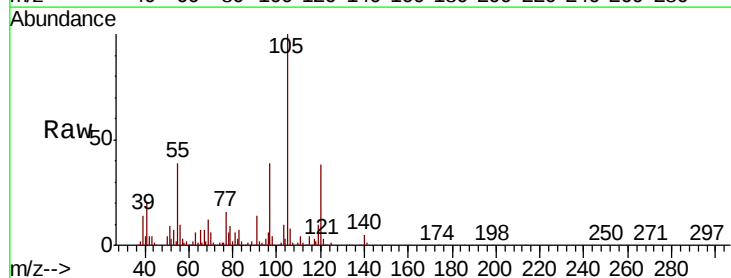
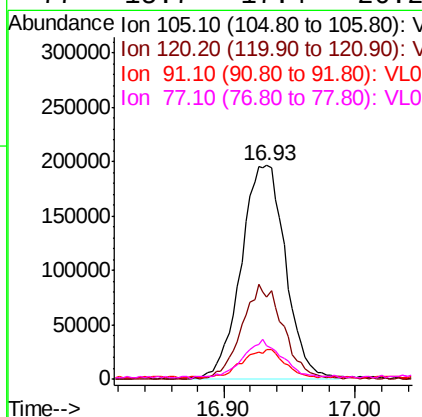
Manual Integrations  
 APPROVED

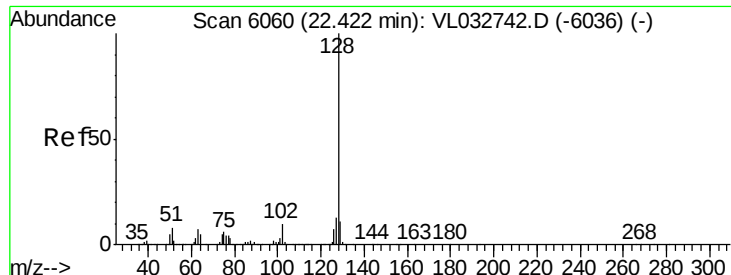
MMDadoda  
 11/16/2018 1:29:53 PM



#74  
 1,2,4-Trimethylbenzene  
 Concen: 1.137 ppbv m  
 RT: 16.93 min Scan# 4353  
 Delta R.T. -0.00 min  
 Lab File: VL032755.D  
 Acq: 14 Nov 2018 12:25

Tgt Ion:105 Resp: 460015  
 Ion Ratio Lower Upper  
 105 100  
 120 38.5 37.6 56.4  
 91 14.0 42.5 63.7#  
 77 15.7 17.4 26.2#





#79

Naphthalene

Concen: 0.177 ppbv m

RT: 22.43 min Scan# 6062

Delta R.T. 0.01 min

Lab File: VL032755.D

Acq: 14 Nov 2018 12:25

Instrument :

MSVOA\_L

ClientSampleId :

IASC1DUP

Tot Ion:128 Resp: 47007

Ion Ratio Lower Upper

128 100

127 15.6 10.1 15.1#

129 9.0 8.9 13.3

Manual Integrations  
APPROVED

MMDadoda

11/16/2018 1:29:53 PM

