

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110420\  
 Data File : VL035832.D  
 Acq On : 4 Nov 2020 14:13  
 Operator : SY/AP  
 Sample : L4604-03 2X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV2

Manual Integrations  
 APPROVED

MMDadoda  
 11/5/2020 2:16:35 PM

Quant Time: Nov 05 03:38:55 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Nov 04  
 QLast Update : Wed Nov 04 02:40:06 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.64  | 49   | 1142374  | 10.00 | ppbv  | -0.03    |
| 33) 1,4-Difluorobenzene | 7.14  | 114  | 4892243  | 10.00 | ppbv  | -0.04    |
| 55) Chlorobenzene-d5    | 12.06 | 117  | 4506737  | 10.00 | ppbv  | -0.04    |

| System Monitoring Compounds |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.39  | 95    | 3205288  | 10.01    | ppbv | -0.04   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 100.10% |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 2) Dichlorodifluoromethane | 3.02  | 85   | 36926    | 0.172 | ppbv   | 100    |
| 3) Chlorodifluoromethane   | 2.96  | 51   | 25436    | 0.186 | ppbv # | 88     |
| 4) Chloromethane           | 3.11  | 50   | 6355     | 0.096 | ppbv   | 99     |
| 9) Propene                 | 2.99  | 41   | 62566    | 1.250 | ppbv   | 85     |
| 10) Heptane                | 8.09  | 43   | 35634m   | 0.258 | ppbv   |        |
| 11) Trichlorofluoromethane | 3.92  | 101  | 37598    | 0.139 | ppbv   | 99     |
| 13) Ethanol                | 3.59  | 45   | 52761m   | 4.857 | ppbv   |        |
| 15) Acetone                | 3.83  | 43   | 617575   | 5.057 | ppbv # | 87     |
| 19) Isopropyl Alcohol      | 3.98  | 45   | 20909    | 0.279 | ppbv # | 90     |
| 20) Methylene Chloride     | 4.32  | 84   | 351405   | 4.087 | ppbv   | 99     |
| 26) Hexane                 | 5.66  | 57   | 312699   | 2.357 | ppbv # | 45     |
| 29) Chloroform             | 5.72  | 83   | 111384   | 0.427 | ppbv   | 96     |
| 30) Cyclohexane            | 7.10  | 84   | 136799   | 0.947 | ppbv   | 89     |
| 34) 2-Butanone             | 5.22  | 43   | 38144    | 0.240 | ppbv # | 85     |
| 35) Carbon Tetrachloride   | 6.99  | 117  | 14318m   | 0.055 | ppbv   |        |
| 36) Benzene                | 6.86  | 78   | 107182   | 0.295 | ppbv   | 98     |
| 52) Tetrachloroethene      | 11.19 | 164  | 13106m   | 0.076 | ppbv   |        |
| 53) Toluene                | 9.77  | 91   | 450381   | 1.026 | ppbv   | 98     |
| 58) Ethyl Benzene          | 12.68 | 91   | 213913   | 0.390 | ppbv   | 97     |
| 59) m/p-Xylene             | 12.93 | 91   | 554055   | 1.193 | ppbv   | 96     |
| 60) o-Xylene               | 13.66 | 91   | 229506   | 0.508 | ppbv   | 98     |
| 64) n-propylbenzene        | 15.54 | 120  | 37885m   | 0.185 | ppbv   |        |
| 69) p-Isopropyltoluene     | 17.64 | 119  | 70908    | 0.099 | ppbv # | 87     |
| 70) n-Butylbenzene         | 18.55 | 91   | 262936   | 0.380 | ppbv   | 97     |
| 72) 4-Ethyltoluene         | 15.81 | 105  | 97387    | 0.178 | ppbv # | 95     |
| 73) 1,3,5-Trimethylbenzene | 15.98 | 105  | 55976    | 0.112 | ppbv   | 94     |
| 74) 1,2,4-Trimethylbenzene | 16.74 | 105  | 225773   | 0.420 | ppbv # | 67     |

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

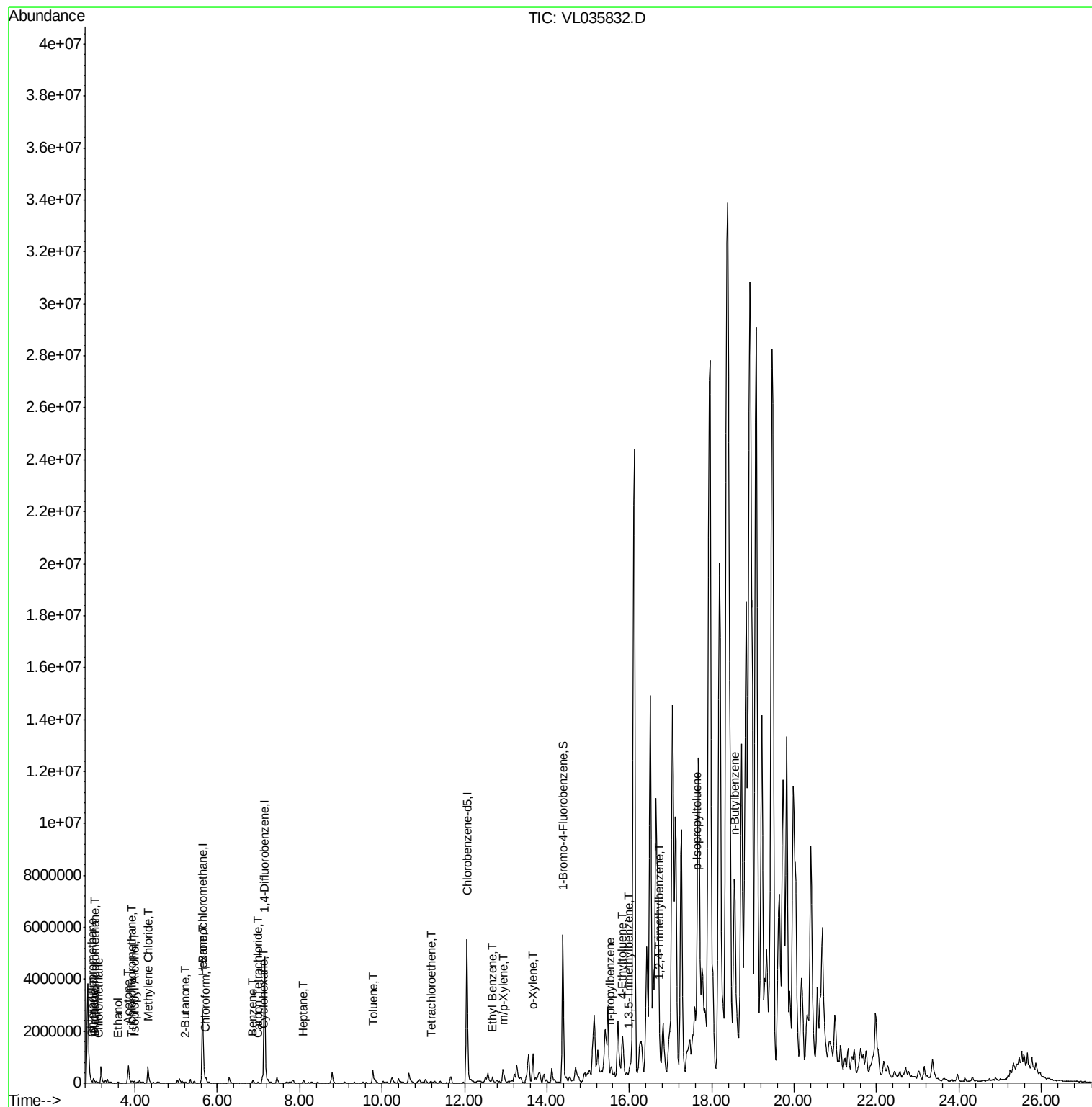
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110420\  
Data File : VL035832.D  
Acq On : 4 Nov 2020 14:13  
Operator : SY/AP  
Sample : L4604-03 2X  
Misc : 400ml/MSVOA L  
ALS Vial : 1 Sample Multiplier: 1

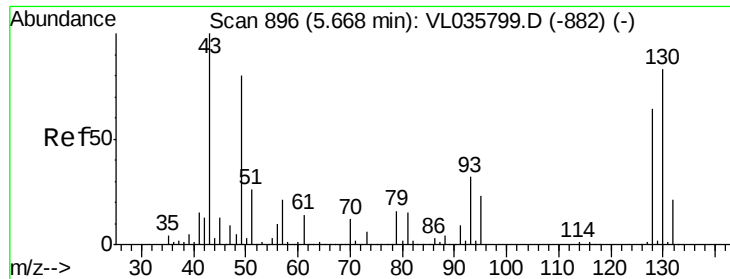
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV2

Manual Integrations  
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Quant Time: Nov 05 03:38:55 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Wed Nov  
QLast Update : Wed Nov 04 02:40:06 2020  
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 886

Delta R.T. -0.03 min

Lab File: VL035832.D

Acq: 4 Nov 2020 14:13

Instrument :

MSVOA\_L

ClientSampled :

SV2

Tot Ion: 49 Resp: 1142374

Ion Ratio Lower Upper

49 100

128 87.8 41.5 124.6

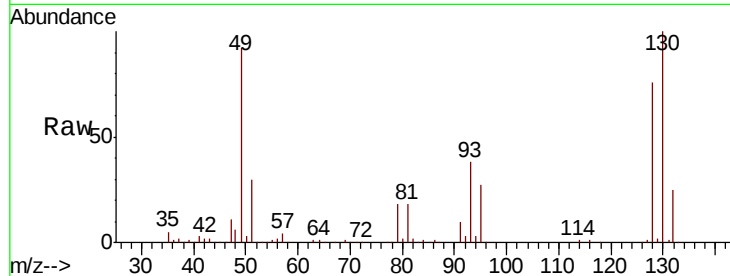
130 112.6 53.7 161.1

Manual Integrations

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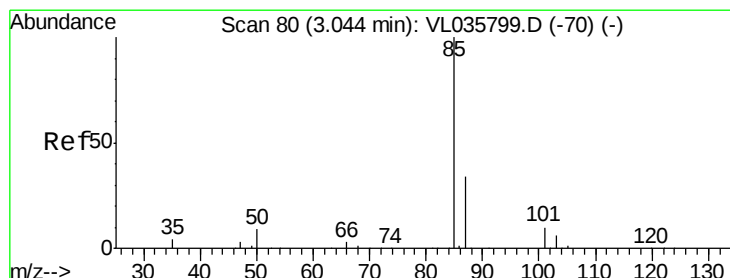
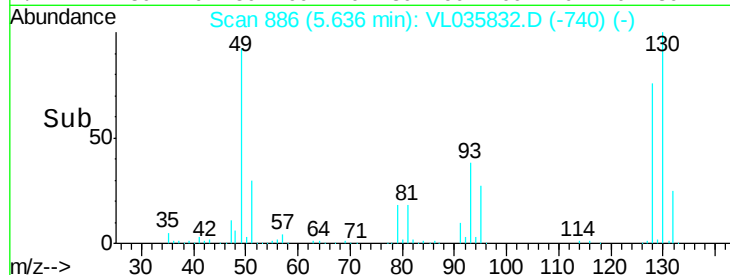
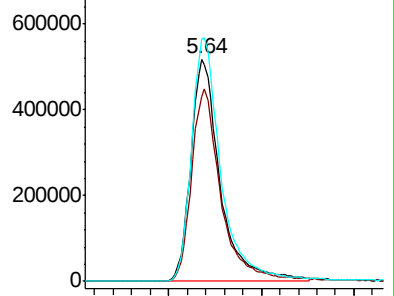
11/5/2020 2:16:35 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.172 ppbv

RT: 3.02 min Scan# 74

Delta R.T. -0.02 min

Lab File: VL035832.D

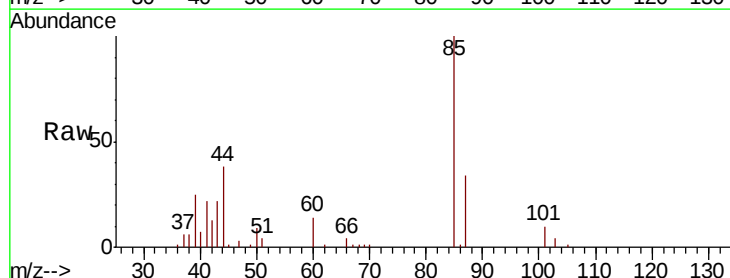
Acq: 4 Nov 2020 14:13

Tgt Ion: 85 Resp: 36926

Ion Ratio Lower Upper

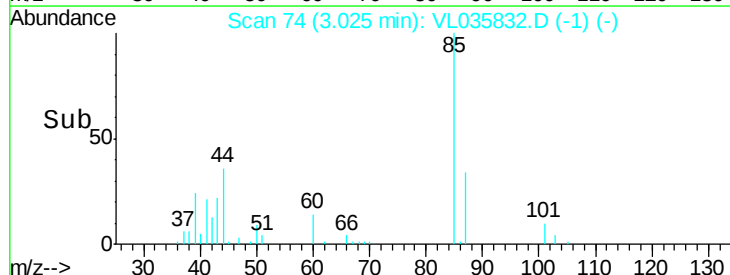
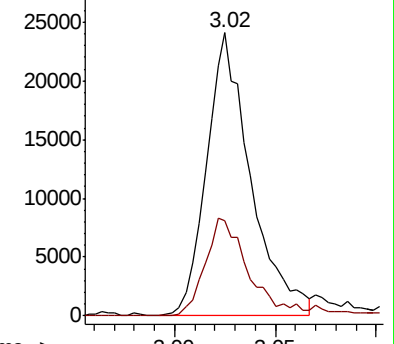
85 100

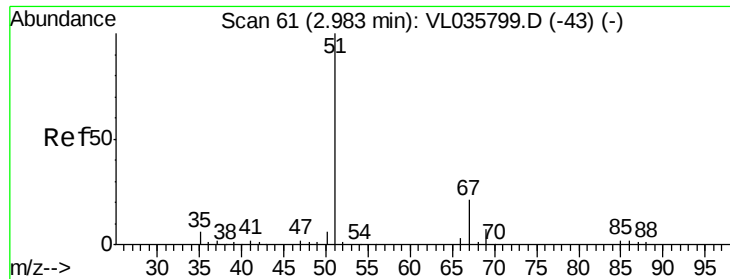
87 33.6 27.1 40.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.186 ppbv

RT: 2.96 min Scan# 54

Delta R.T. -0.02 min

Lab File: VL035832.D

Acq: 4 Nov 2020 14:13

Instrument :

MSVOA\_L

ClientSampled :

SV2

Tot Ion: 51 Resp: 25436

Ion Ratio Lower Upper

51 100

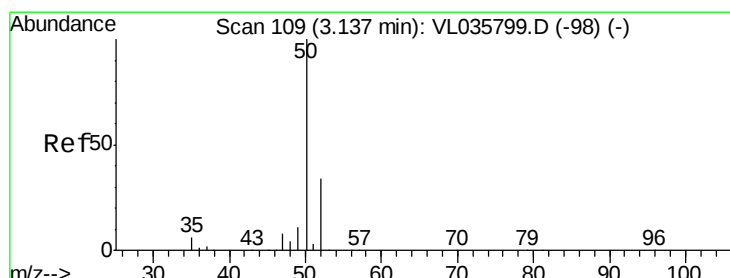
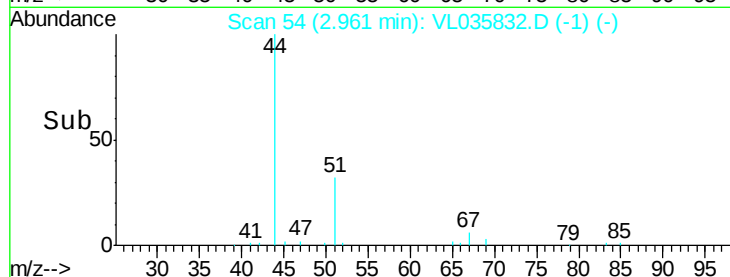
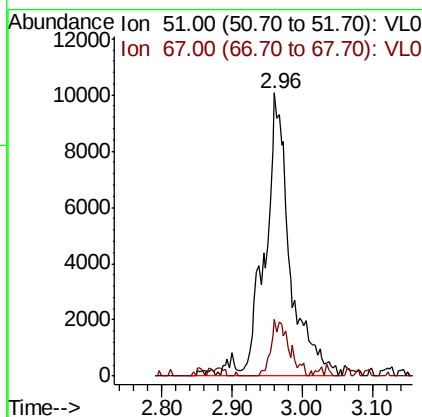
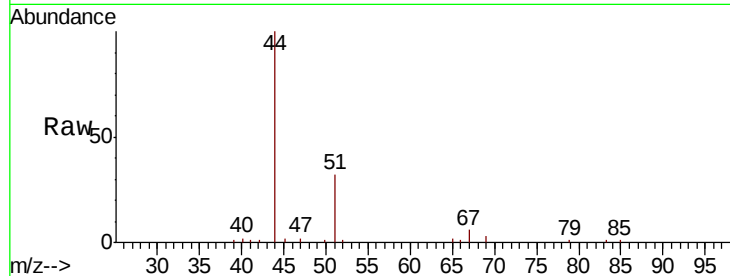
67 15.6 17.0 25.4#

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#4

Chloromethane

Concen: 0.096 ppbv

RT: 3.11 min Scan# 102

Delta R.T. -0.02 min

Lab File: VL035832.D

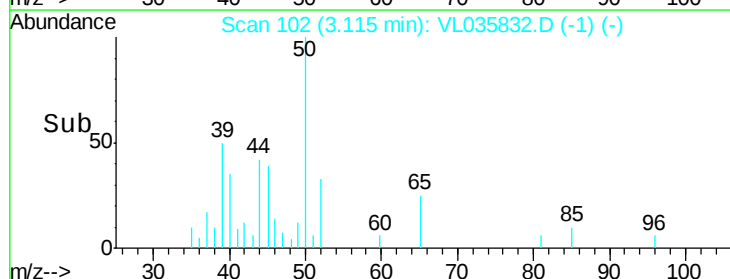
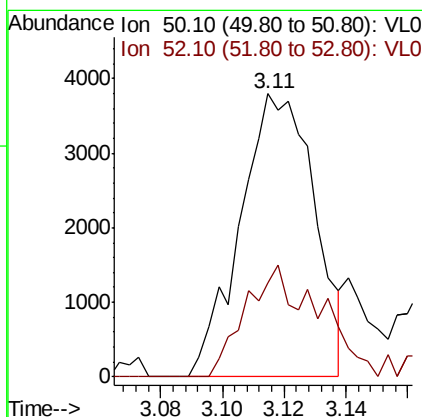
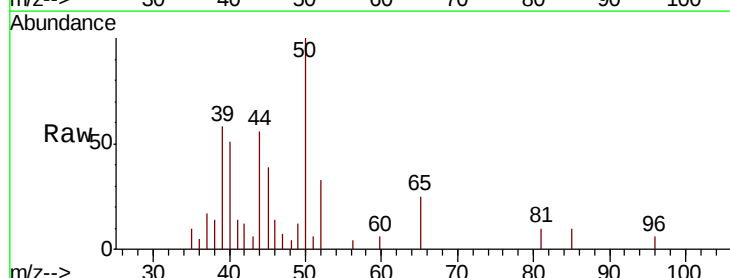
Acq: 4 Nov 2020 14:13

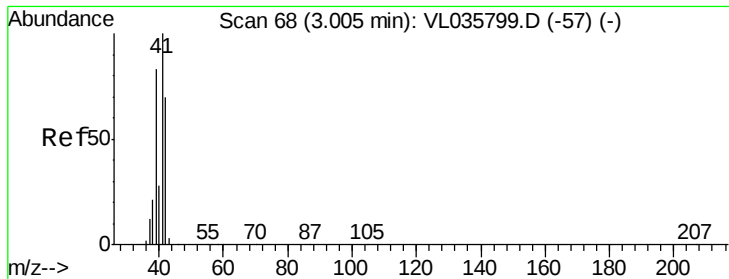
Tgt Ion: 50 Resp: 6355

Ion Ratio Lower Upper

50 100

52 33.3 27.1 40.7





#9

Propene

Concen: 1.250 ppbv

RT: 2.99 min Scan# 64

Delta R.T. -0.01 min

Lab File: VL035832.D

Acq: 4 Nov 2020 14:13

Instrument :

MSVOA\_L

ClientSampleId :

SV2

Tot Ion: 41 Resp: 62566

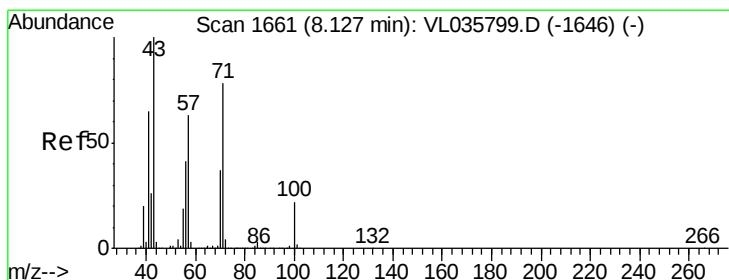
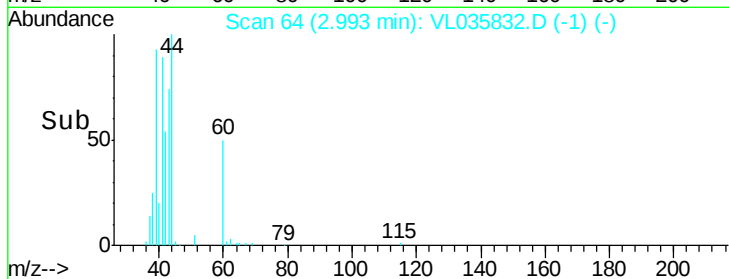
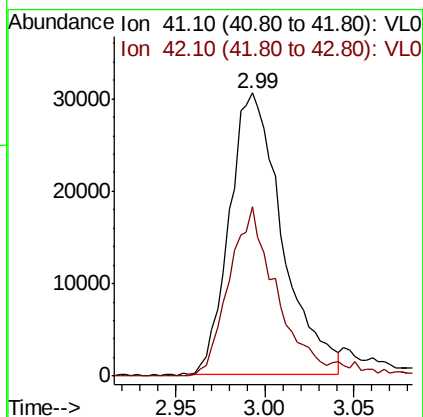
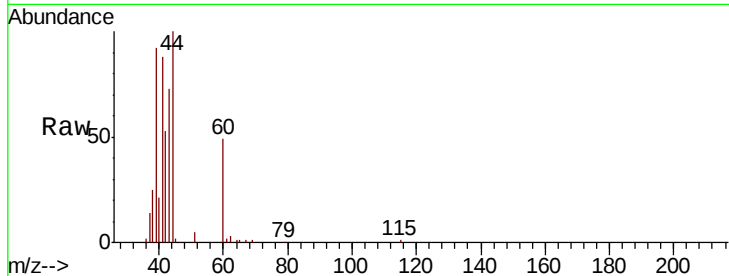
Ion Ratio Lower Upper

41 100

42 57.9 56.2 84.4

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#10

Heptane

Concen: 0.258 ppbv m

RT: 8.09 min Scan# 1650

Delta R.T. -0.04 min

Lab File: VL035832.D

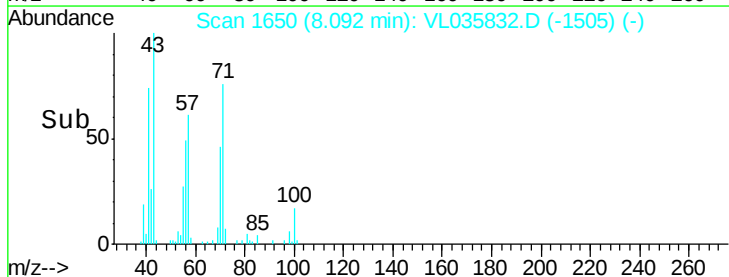
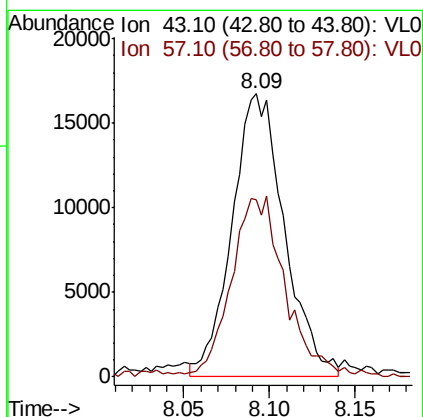
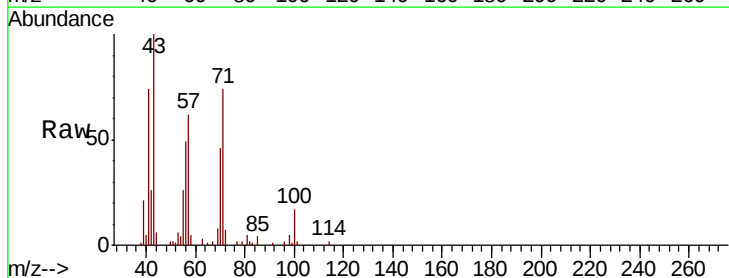
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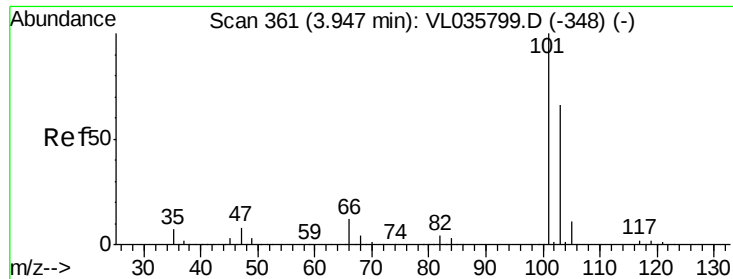
Tgt Ion: 43 Resp: 35634

Ion Ratio Lower Upper

43 100

57 0.0 50.0 75.0#





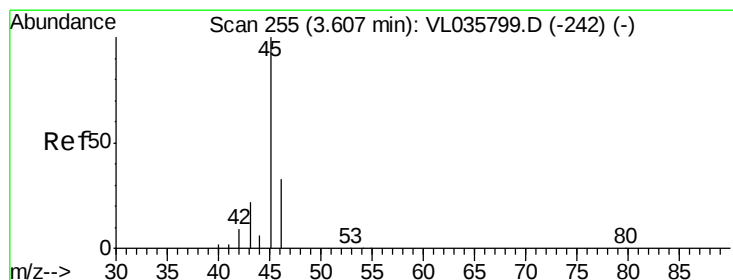
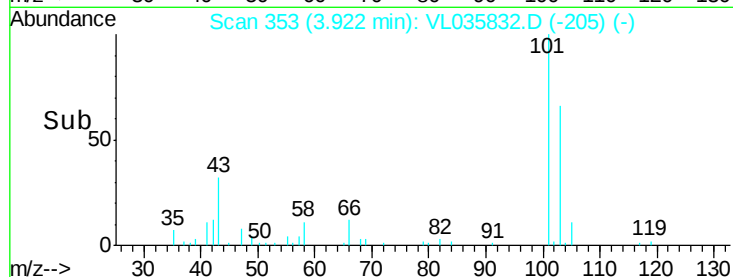
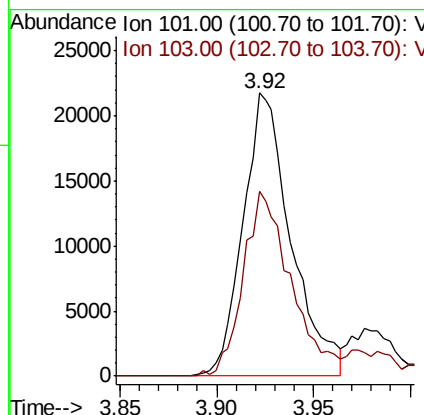
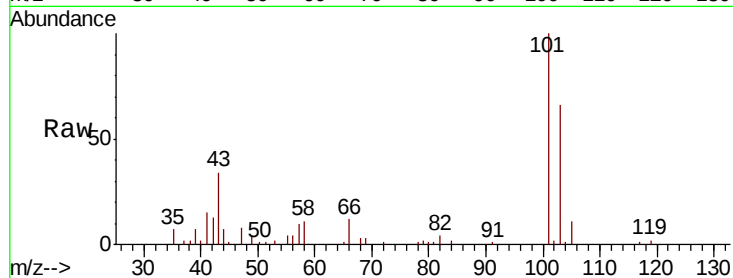
#11  
 Trichlorofluoromethane  
 Concen: 0.139 ppbv  
 RT: 3.92 min Scan# 353  
 Delta R.T. -0.03 min  
 Lab File: VL035832.D  
 Acq: 4 Nov 2020 14:13

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV2

Tot Ion:101 Resp: 37598  
 Ion Ratio Lower Upper  
 101 100  
 103 65.5 53.0 79.4

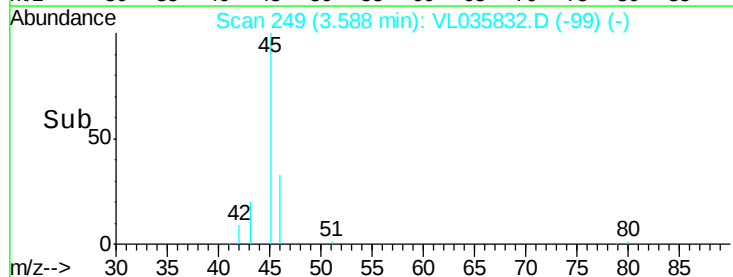
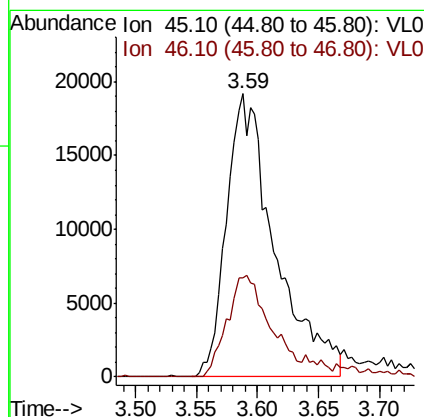
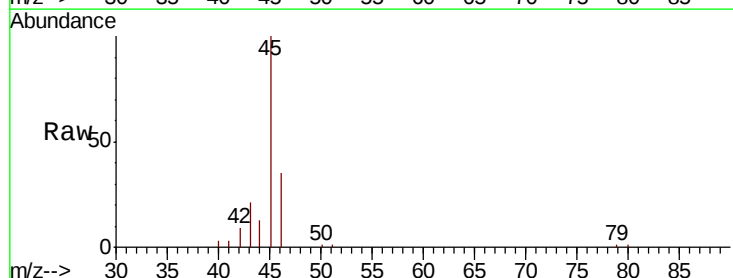
Manual Integrations  
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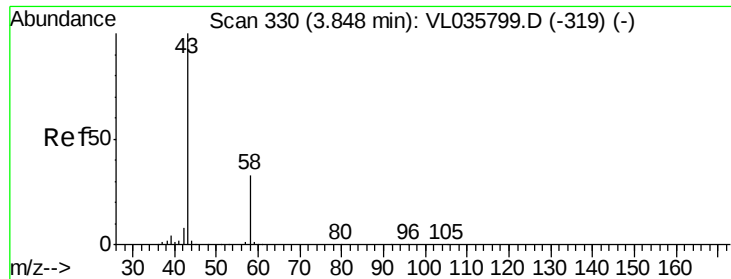
MMDadoda  
 11/5/2020 2:16:35 PM



#13  
 Ethanol  
 Concen: 4.857 ppbv m  
 RT: 3.59 min Scan# 249  
 Delta R.T. -0.02 min  
 Lab File: VL035832.D  
 Acq: 4 Nov 2020 14:13

Tgt Ion: 45 Resp: 52761  
 Ion Ratio Lower Upper  
 45 100  
 46 0.0 16.1 64.5#





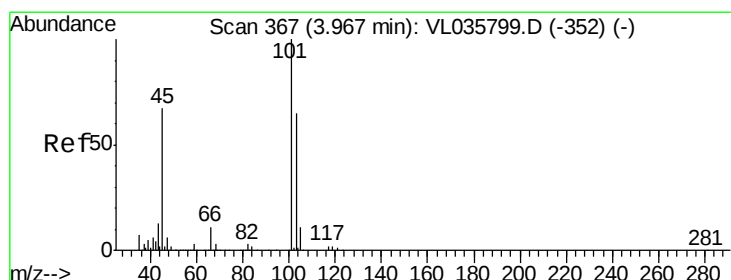
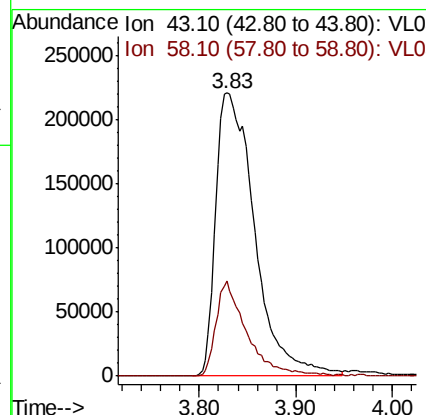
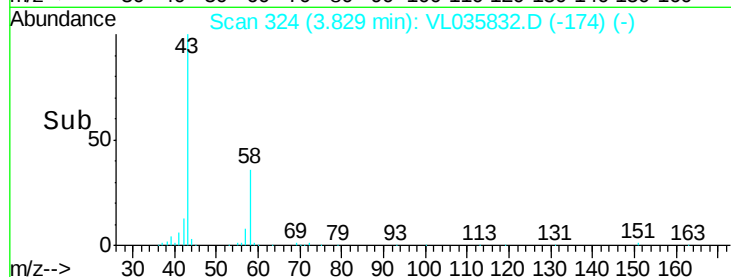
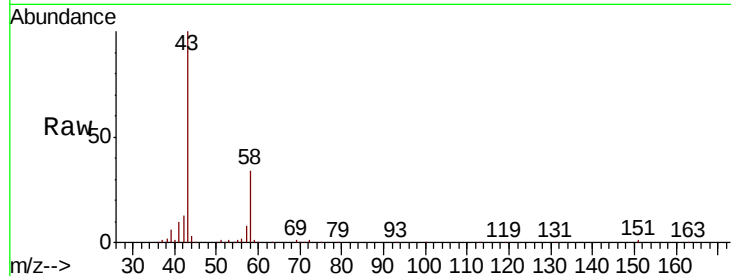
#15  
Acetone  
Concen: 5.057 ppbv  
RT: 3.83 min Scan# 324  
Delta R.T. -0.02 min  
Lab File: VL035832.D  
Acq: 4 Nov 2020 14:13

Instrument :  
MSVOA\_L  
ClientSampled :  
SV2

Tot Ion: 43 Resp: 617575  
Ion Ratio Lower Upper  
43 100  
58 27.1 27.5 41.3#

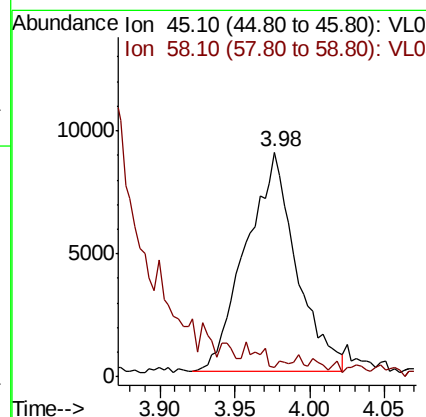
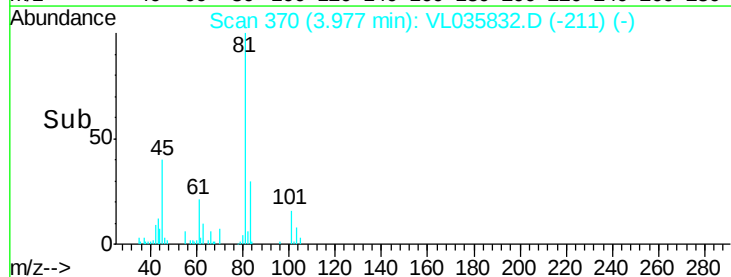
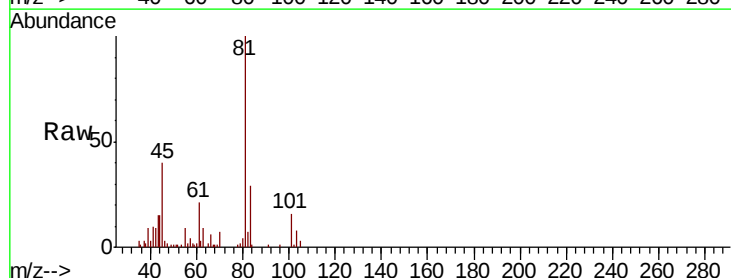
Manual Integrations  
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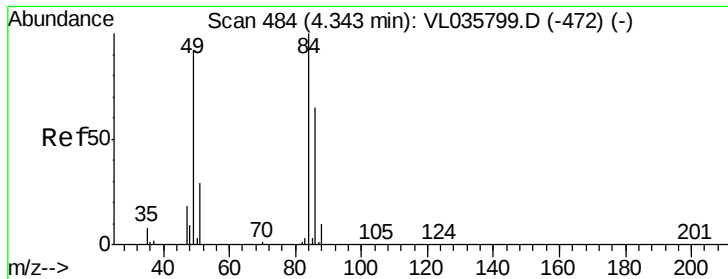
MMDadoda  
11/5/2020 2:16:35 PM



#19  
Isopropyl Alcohol  
Concen: 0.279 ppbv  
RT: 3.98 min Scan# 370  
Delta R.T. 0.01 min  
Lab File: VL035832.D  
Acq: 4 Nov 2020 14:13

Tgt Ion: 45 Resp: 20909  
Ion Ratio Lower Upper  
45 100  
58 0.0 2.6 3.8#





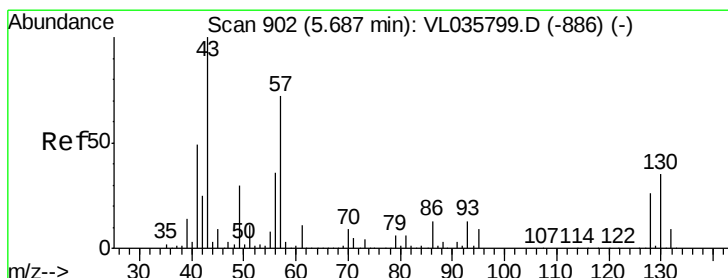
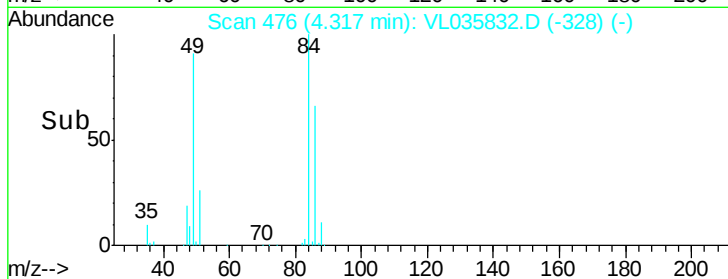
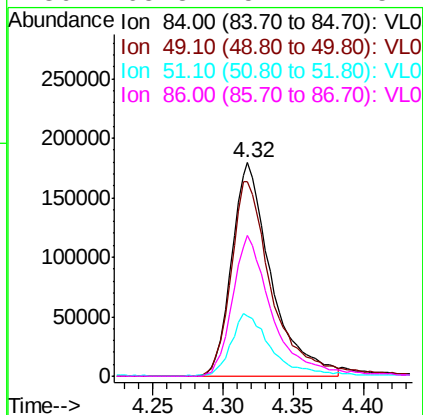
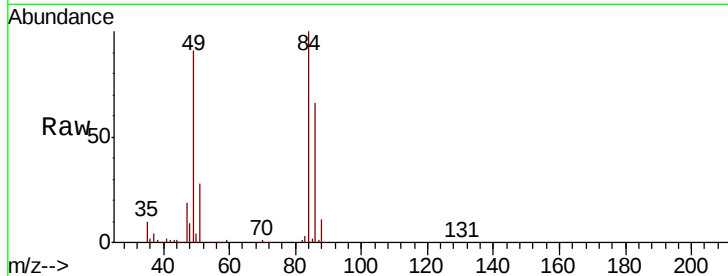
#20  
Methvlene Chloride  
Concen: 4.087 ppbv  
RT: 4.32 min Scan# 476  
Delta R.T. -0.03 min  
Lab File: VL035832.D  
Acq: 4 Nov 2020 14:13

Instrument :  
MSVOA\_L  
ClientSampled :  
SV2

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 84      | 100  |       |       |       |       |
| 49      | 91.0 | 73.8  | 110.8 |       |       |
| 51      | 28.1 | 23.0  | 34.4  |       |       |
| 86      | 65.8 | 52.1  | 78.1  |       |       |

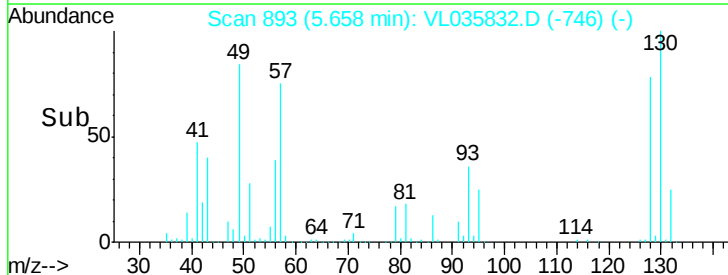
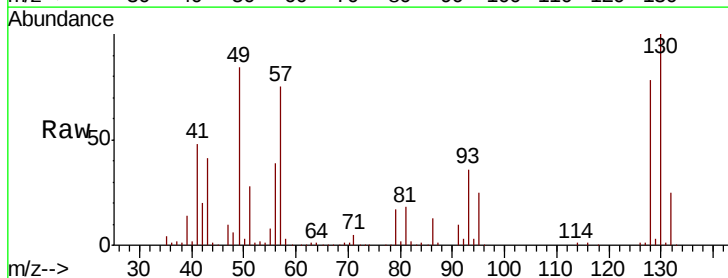
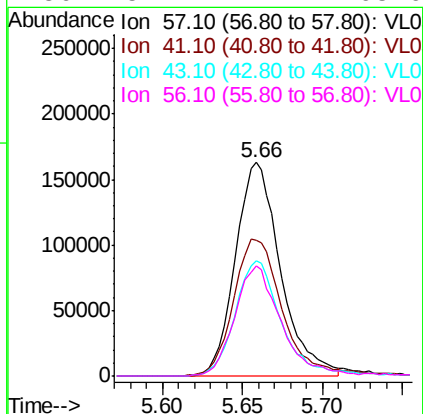
Manual Integrations  
APPROVED

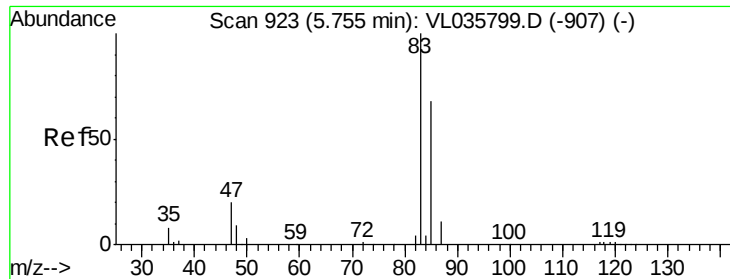
MMDadoda  
11/5/2020 2:16:35 PM



#26  
Hexane  
Concen: 2.357 ppbv  
RT: 5.66 min Scan# 893  
Delta R.T. -0.03 min  
Lab File: VL035832.D  
Acq: 4 Nov 2020 14:13

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 57      | 100  |       |        |       |       |
| 41      | 71.7 | 58.9  | 88.3   |       |       |
| 43      | 56.6 | 150.2 | 225.2# |       |       |
| 56      | 54.2 | 42.4  | 63.6   |       |       |





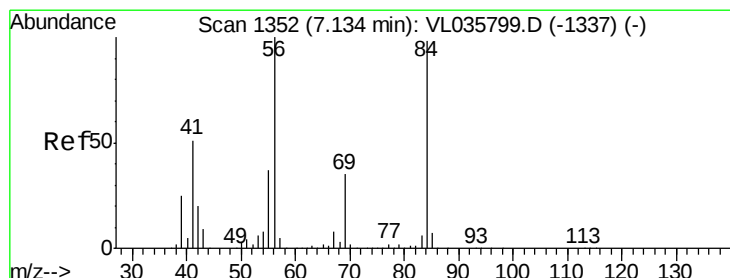
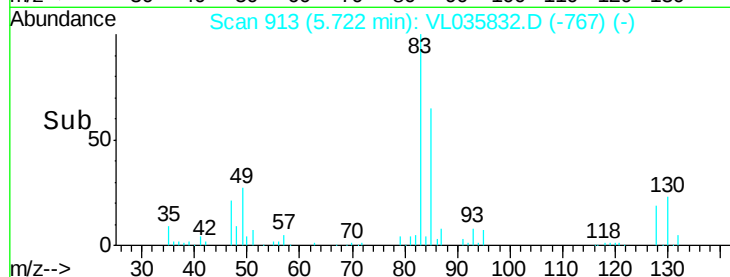
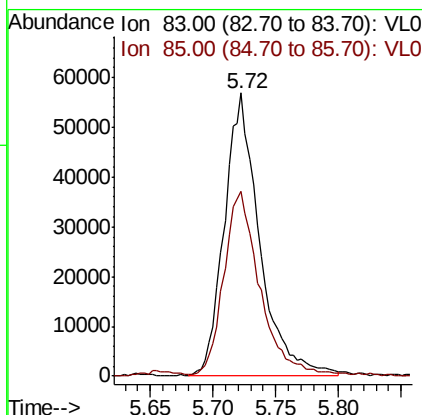
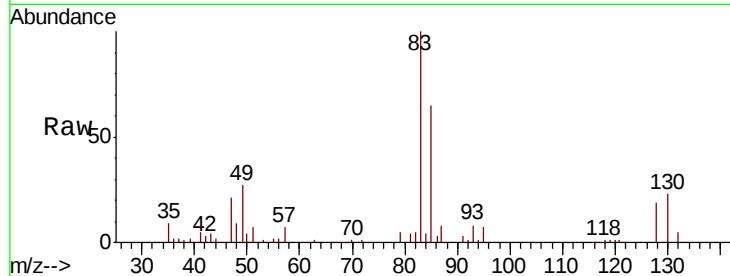
#29  
Chloroform  
Concen: 0.427 ppbv  
RT: 5.72 min Scan# 913  
Delta R.T. -0.03 min  
Lab File: VL035832.D  
Acq: 4 Nov 2020 14:13

Instrument :  
MSVOA\_L  
ClientSampled :  
SV2

| Tot Ion | 83  | 85   | Ratio | Lower | Upper |
|---------|-----|------|-------|-------|-------|
| 111384  | 100 | 64.6 |       | 54.6  | 81.8  |

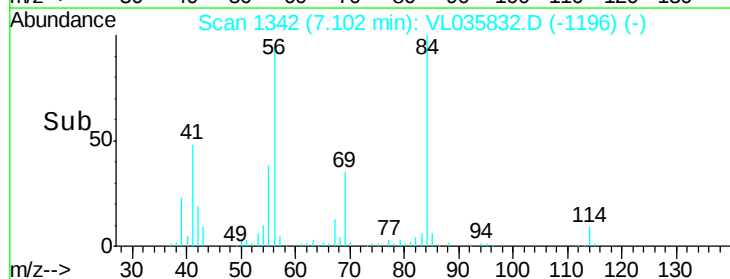
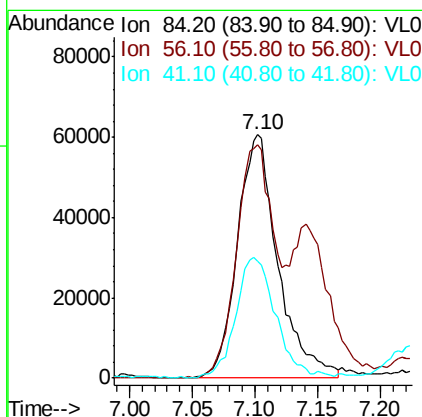
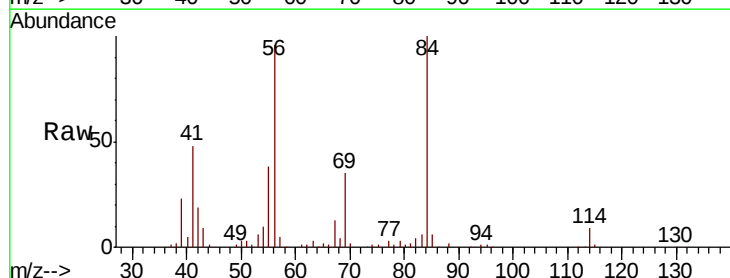
Manual Integrations  
APPROVED

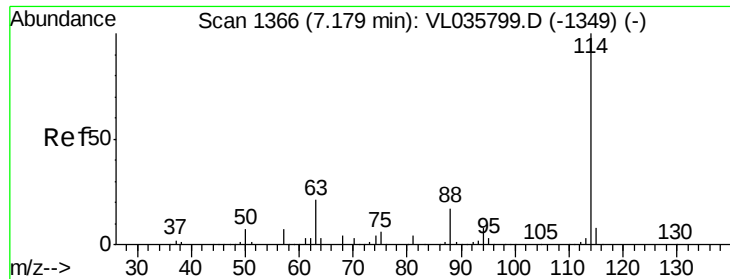
MMDadoda  
11/5/2020 2:16:35 PM



#30  
Cyclohexane  
Concen: 0.947 ppbv  
RT: 7.10 min Scan# 1342  
Delta R.T. -0.03 min  
Lab File: VL035832.D  
Acq: 4 Nov 2020 14:13

| Tgt Ion | 84  | 56   | 41   | Ratio | Lower | Upper |
|---------|-----|------|------|-------|-------|-------|
| 136799  | 100 | 94.3 | 48.0 |       | 86.4  | 129.6 |
|         |     |      |      |       | 42.1  | 63.1  |





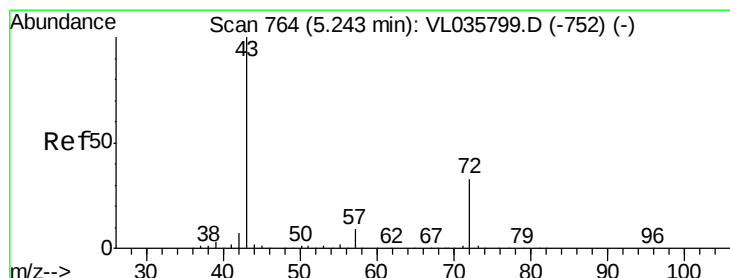
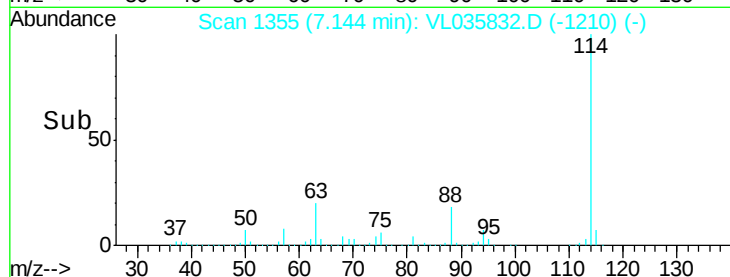
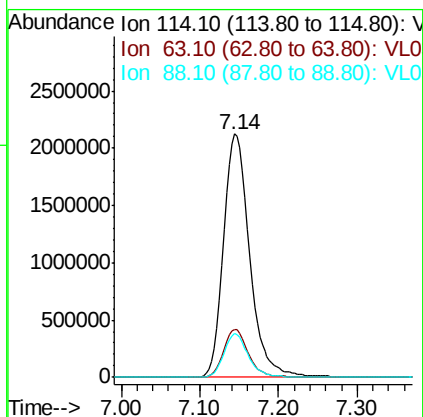
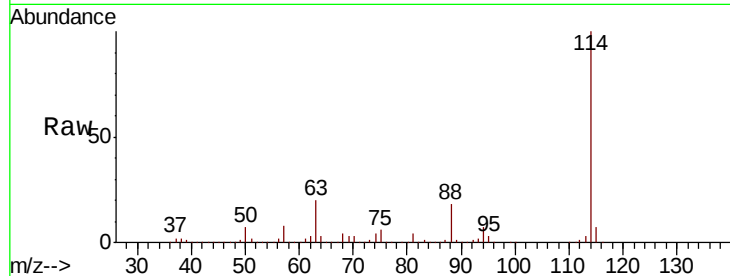
#33  
 1,4-Difluorobenzene  
 Concen: 10.000 ppbv  
 RT: 7.14 min Scan# 1355  
 Delta R.T. -0.04 min  
 Lab File: VL035832.D  
 Acq: 4 Nov 2020 14:13

Instrument :  
 MSVOA\_L  
 ClientSampled :  
 SV2

Tot Ion:114 Resp: 4892243  
 Ion Ratio Lower Upper  
 114 100  
 63 18.7 16.1 24.1  
 88 16.9 13.7 20.5

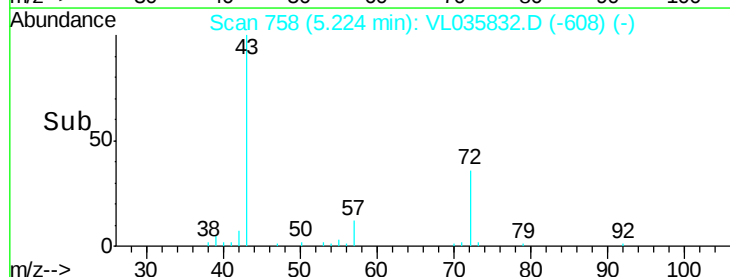
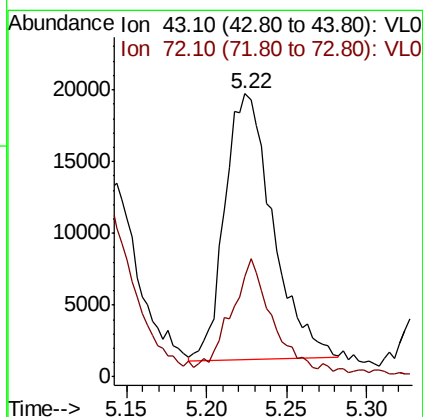
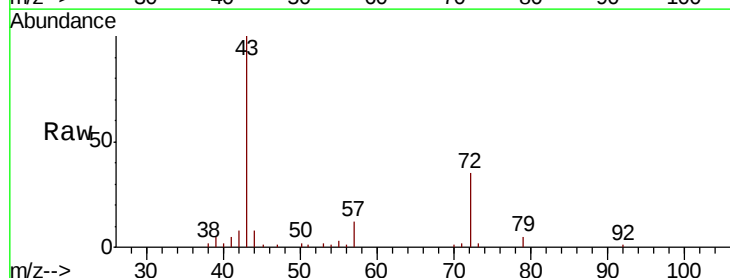
Manual Integrations  
 APPROVED

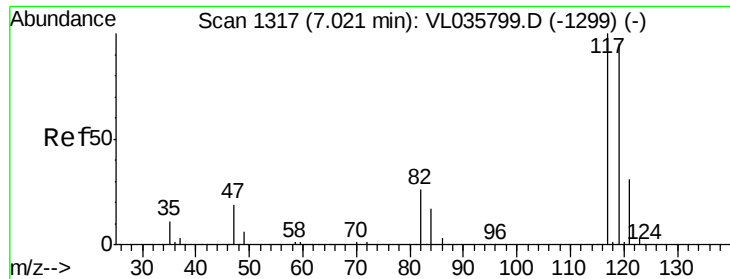
MMDadoda  
 11/5/2020 2:16:35 PM



#34  
 2-Butanone  
 Concen: 0.240 ppbv  
 RT: 5.22 min Scan# 758  
 Delta R.T. -0.02 min  
 Lab File: VL035832.D  
 Acq: 4 Nov 2020 14:13

Tgt Ion: 43 Resp: 38144  
 Ion Ratio Lower Upper  
 43 100  
 72 41.7 26.5 39.7#





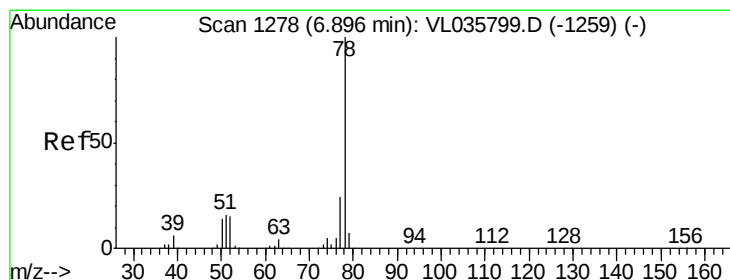
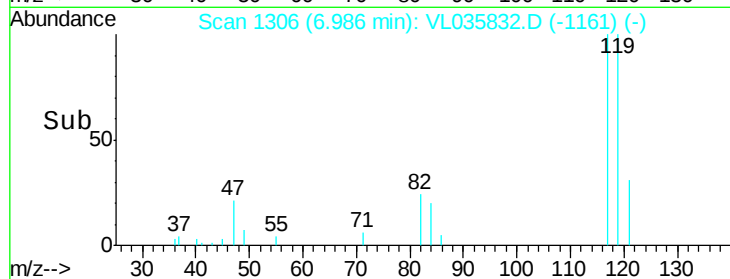
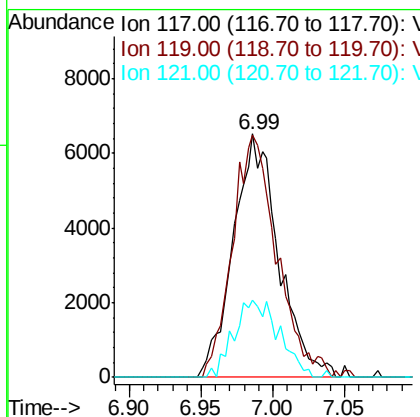
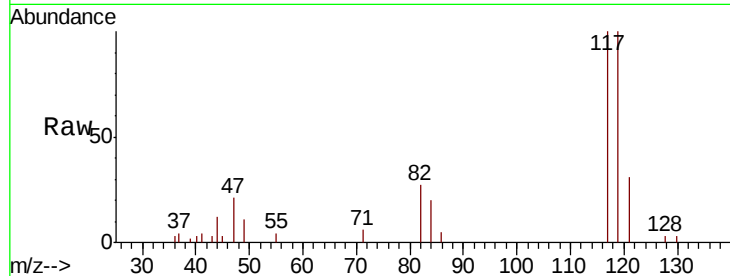
#35  
Carbon Tetrachloride  
Concen: 0.055 ppbv m  
RT: 6.99 min Scan# 1306  
Delta R.T. -0.04 min  
Lab File: VL035832.D  
Acq: 4 Nov 2020 14:13

Instrument :  
MSVOA\_L  
ClientSampled :  
SV2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 99.6  | 75.6  | 113.4 |
| 121     | 31.5  | 25.1  | 37.7  |

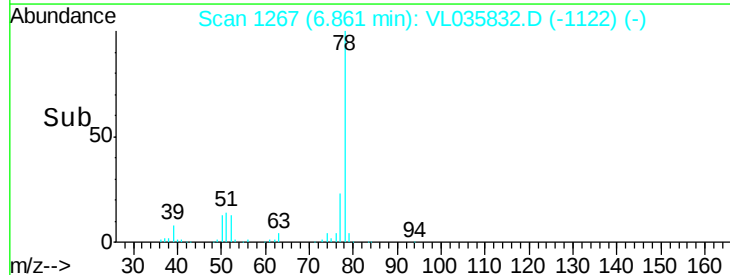
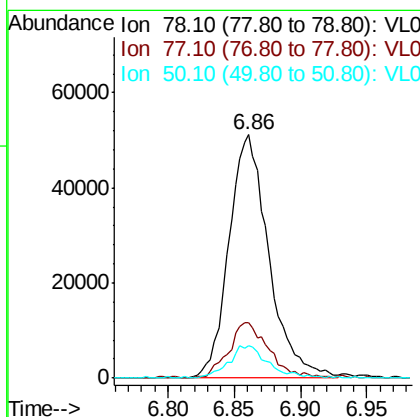
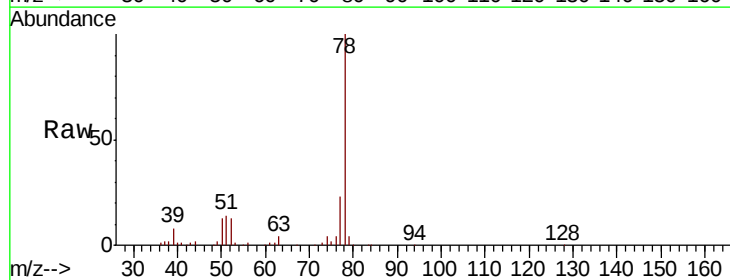
Manual Integrations  
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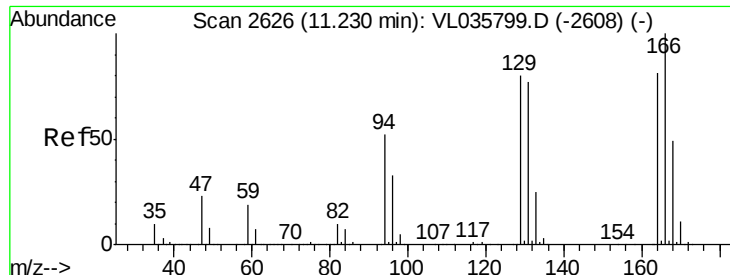
MMDadoda  
11/5/2020 2:16:35 PM



#36  
Benzene  
Concen: 0.295 ppbv  
RT: 6.86 min Scan# 1267  
Delta R.T. -0.04 min  
Lab File: VL035832.D  
Acq: 4 Nov 2020 14:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.0  | 19.3  | 28.9  |
| 50      | 13.3  | 11.4  | 17.2  |





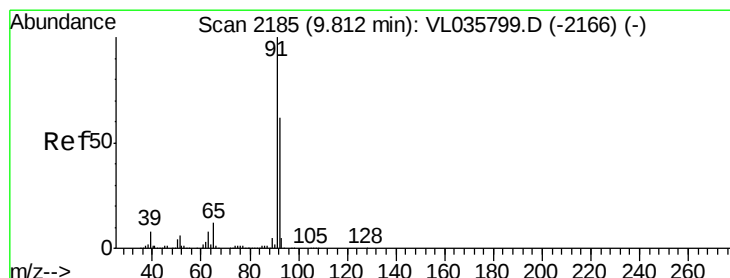
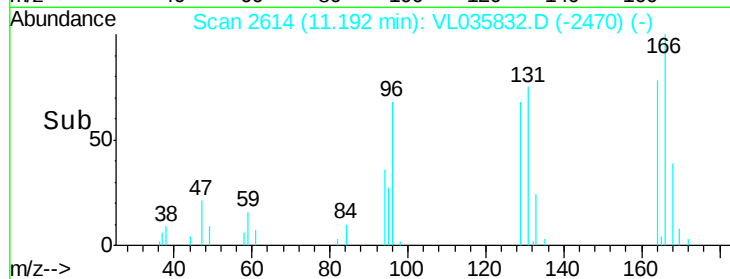
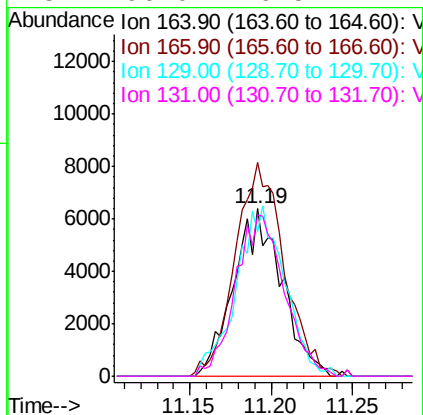
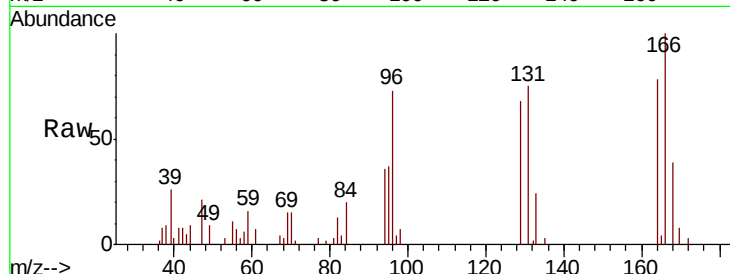
#52  
Tetrachloroethene  
Concen: 0.076 ppbv m  
RT: 11.19 min Scan# 2614  
Delta R.T. -0.04 min  
Lab File: VL035832.D  
Acq: 4 Nov 2020 14:13

Instrument :  
MSVOA\_L  
ClientSampled :  
SV2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.4 | 99.3  | 148.9 |
| 129     | 86.7  | 79.3  | 118.9 |
| 131     | 96.0  | 76.5  | 114.7 |

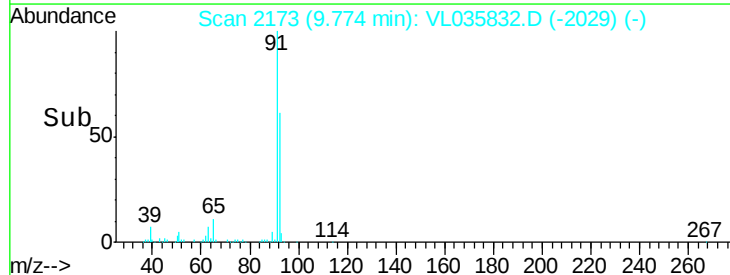
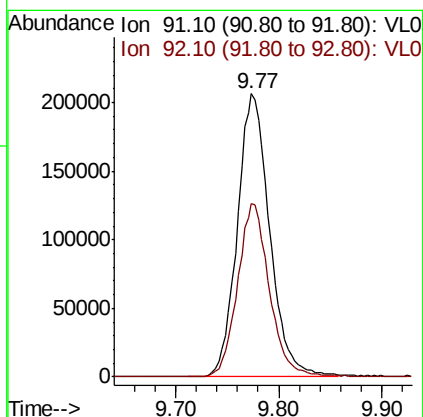
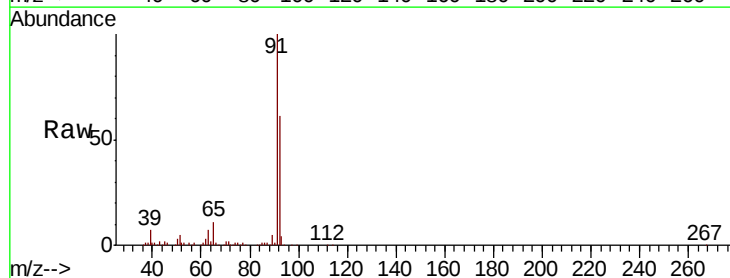
Manual Integrations  
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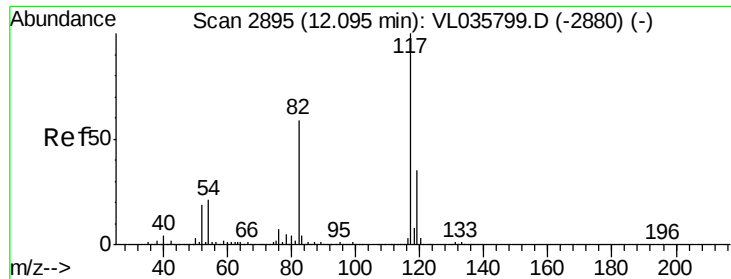
MMDadoda  
11/5/2020 2:16:35 PM



#53  
Toluene  
Concen: 1.026 ppbv  
RT: 9.77 min Scan# 2173  
Delta R.T. -0.04 min  
Lab File: VL035832.D  
Acq: 4 Nov 2020 14:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 60.4  | 49.8  | 74.6  |





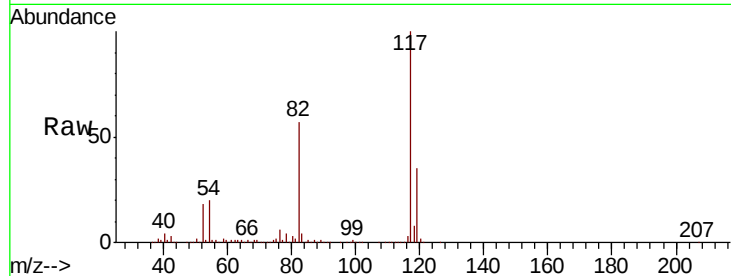
#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 12.06 min Scan# 2883  
Delta R.T. -0.04 min  
Lab File: VL035832.D  
Acq: 4 Nov 2020 14:13

Instrument :  
MSVOA\_L  
ClientSampled :  
SV2

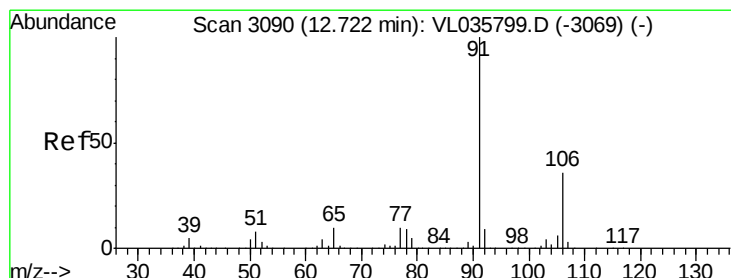
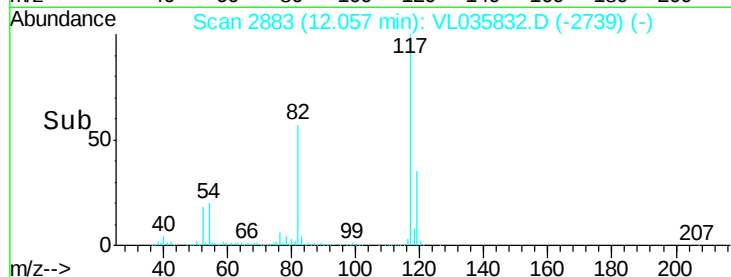
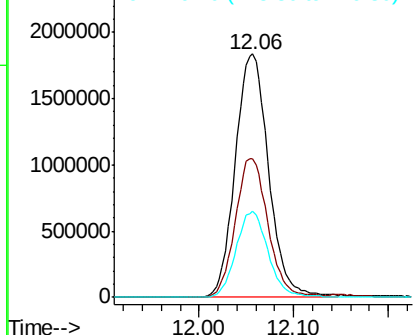
Tot Ion:117 Resp: 4506737  
Ion Ratio Lower Upper  
117 100  
82 56.1 50.6 76.0  
119 34.7 52.6 78.8#

Manual Integrations  
APPROVED

MMDadoda  
11/5/2020 2:16:35 PM

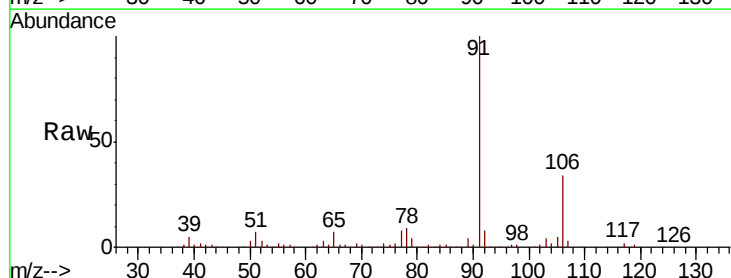


Abundance Ion 117.10 (116.80 to 117.80): V  
2500000  
Ion 82.10 (81.80 to 82.80): VL0  
Ion 119.10 (118.80 to 119.80): V

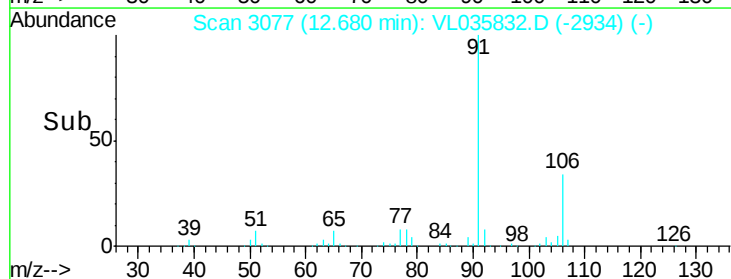
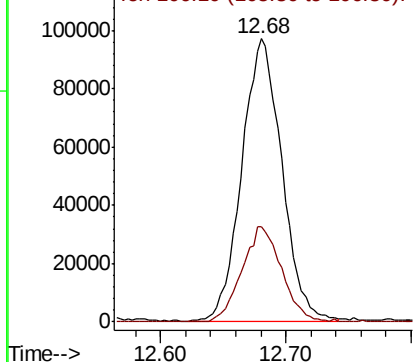


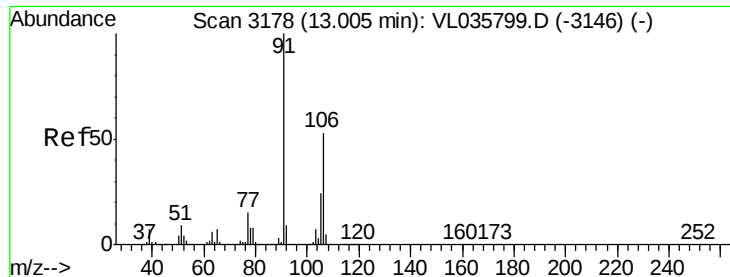
#58  
Ethyl Benzene  
Concen: 0.390 ppbv  
RT: 12.68 min Scan# 3077  
Delta R.T. -0.04 min  
Lab File: VL035832.D  
Acq: 4 Nov 2020 14:13

Tgt Ion: 91 Resp: 213913  
Ion Ratio Lower Upper  
91 100  
106 33.9 28.6 43.0



Abundance Ion 91.10 (90.80 to 91.80): VL0  
Ion 106.10 (105.80 to 106.80): V





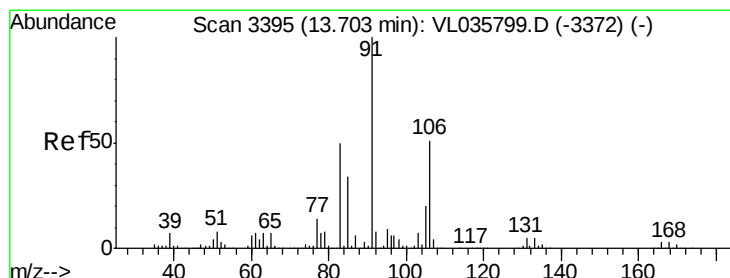
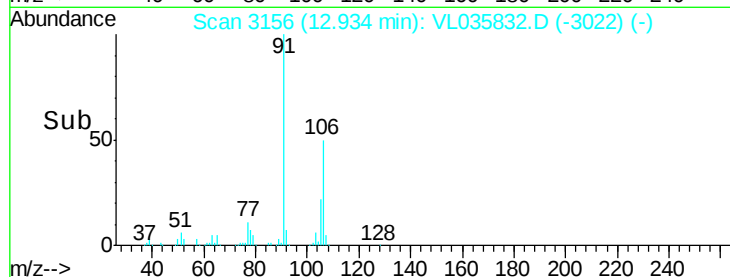
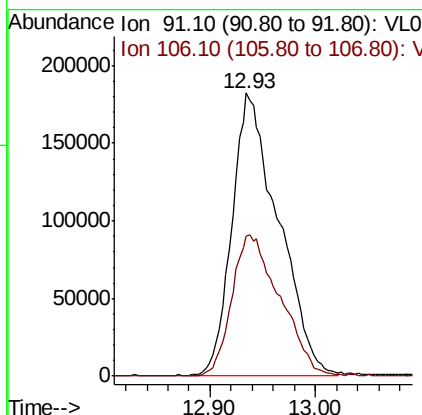
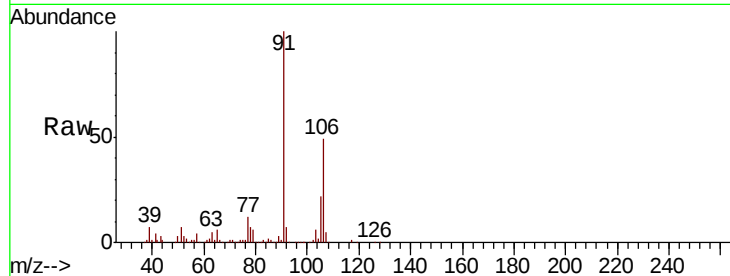
#59  
m/p-Xylene  
Concen: 1.193 ppbv  
RT: 12.93 min Scan# 3156  
Delta R.T. -0.07 min  
Lab File: VL035832.D  
Acq: 4 Nov 2020 14:13

Instrument :  
MSVOA\_L  
ClientSampled :  
SV2

Tot Ion: 91 Resp: 554055  
Ion Ratio Lower Upper  
91 100  
106 52.3 39.5 59.3

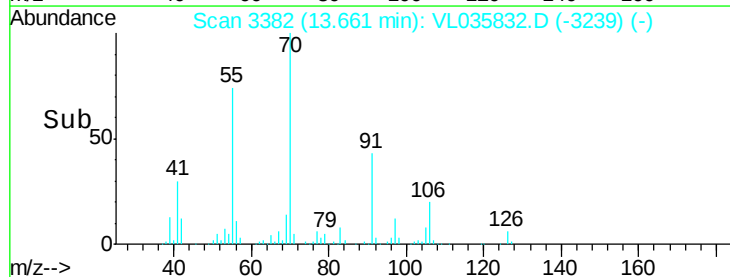
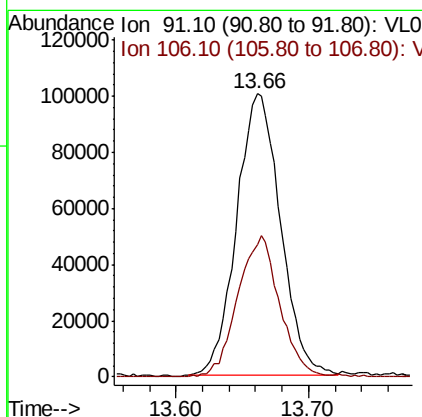
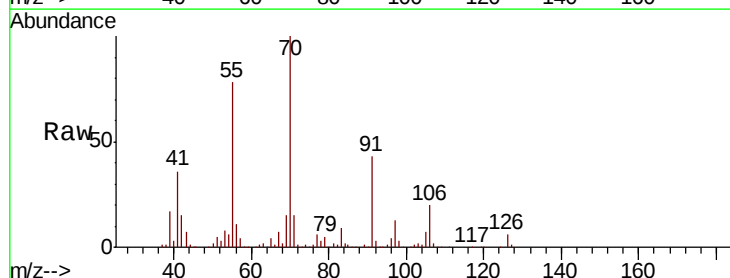
Manual Integrations  
APPROVED

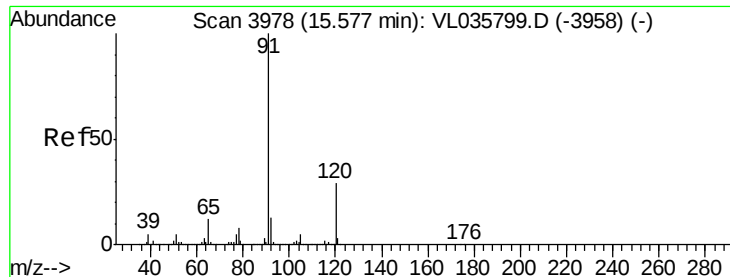
MMDadoda  
11/5/2020 2:16:35 PM



#60  
o-Xylene  
Concen: 0.508 ppbv  
RT: 13.66 min Scan# 3382  
Delta R.T. -0.04 min  
Lab File: VL035832.D  
Acq: 4 Nov 2020 14:13

Tgt Ion: 91 Resp: 229506  
Ion Ratio Lower Upper  
91 100  
106 48.6 24.8 74.4





#64

n-propylbenzene

Concen: 0.185 ppbv m

RT: 15.54 min Scan# 3965

Delta R.T. -0.04 min

Lab File: VL035832.D

Acq: 4 Nov 2020 14:13

Instrument :

MSVOA\_L

ClientSampleId :

SV2

Tot Ion:120 Resp: 37885

Ion Ratio Lower Upper

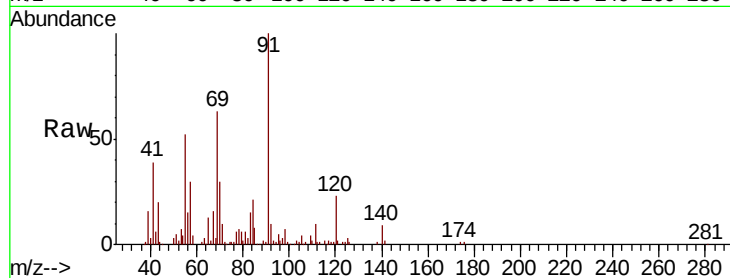
120 100

91 469.2 311.1 466.7#

Manual Integrations  
APPROVED

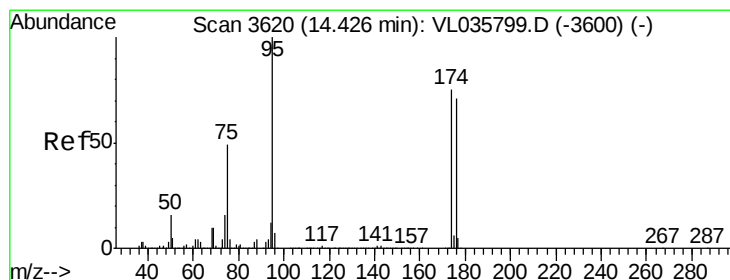
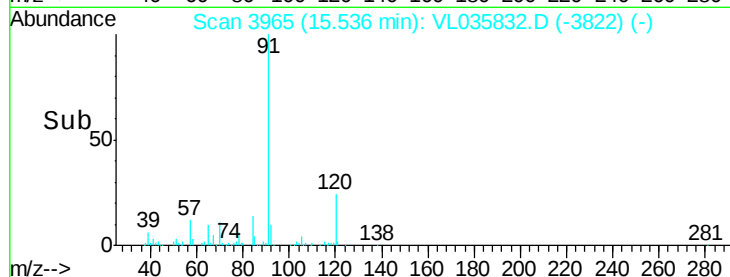
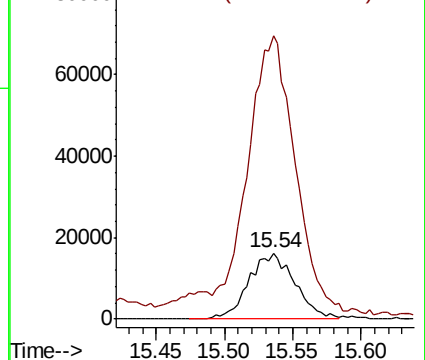
MMDadoda

11/5/2020 2:16:35 PM



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#68

1-Bromo-4-Fluorobenzene

Concen: 10.010 ppbv

RT: 14.39 min Scan# 3608

Delta R.T. -0.04 min

Lab File: VL035832.D

Acq: 4 Nov 2020 14:13

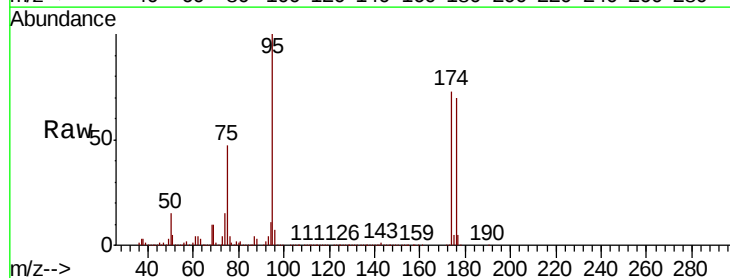
Tgt Ion: 95 Resp: 3205288

Ion Ratio Lower Upper

95 100

174 75.4 59.8 89.6

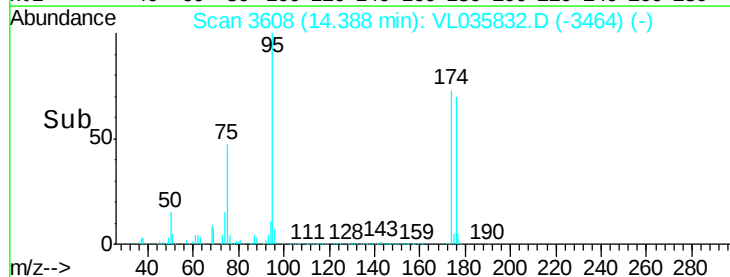
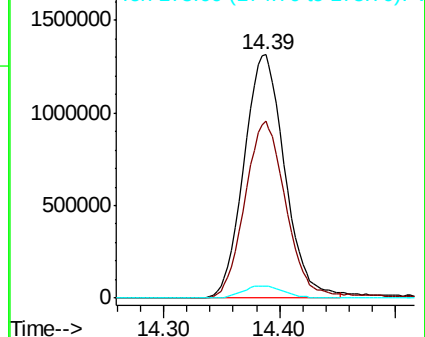
175 5.3 4.3 6.5

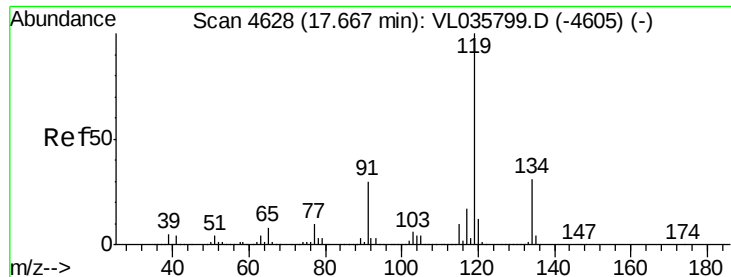


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





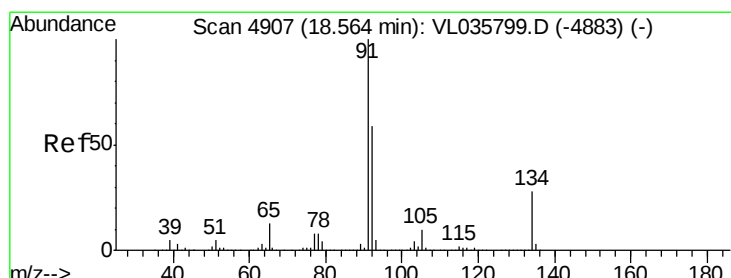
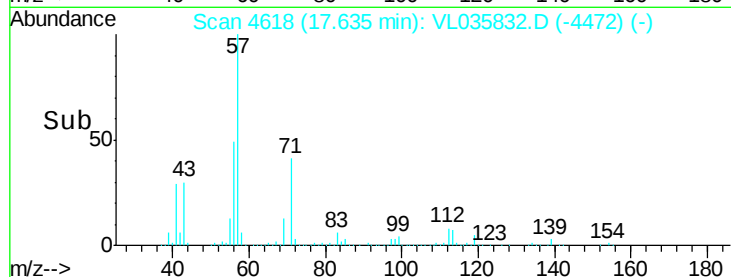
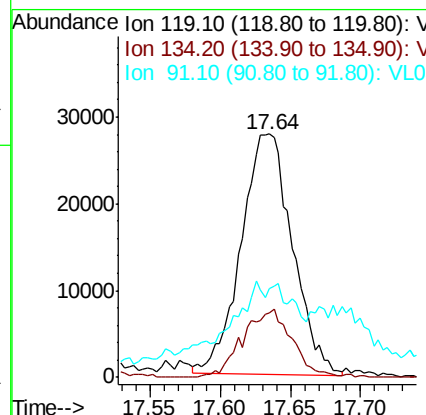
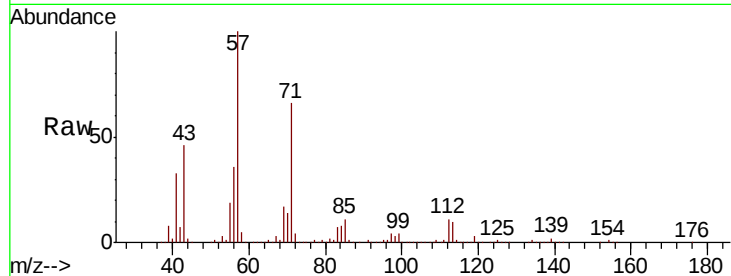
#69  
 p-Isopropyltoluene  
 Concen: 0.099 ppbv  
 RT: 17.64 min Scan# 4618  
 Delta R.T. -0.03 min  
 Lab File: VL035832.D  
 Acq: 4 Nov 2020 14:13

Instrument :  
 MSVOA\_L  
 ClientSampled :  
 SV2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 27.2  | 23.0  | 34.6  |
| 91      | 40.4  | 22.8  | 34.2  |

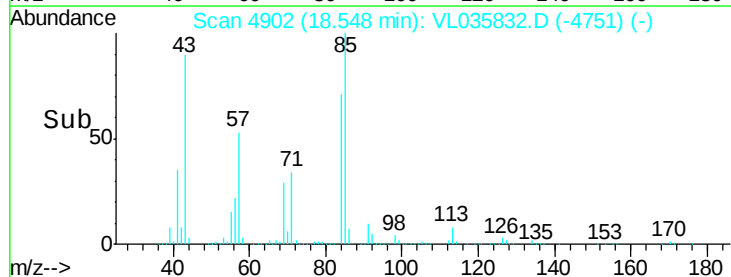
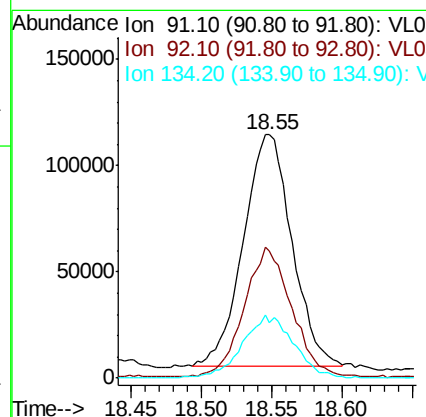
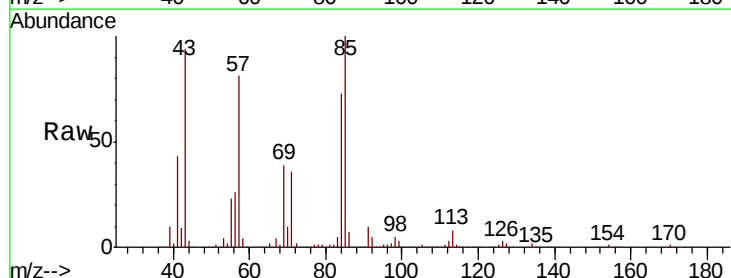
Manual Integrations  
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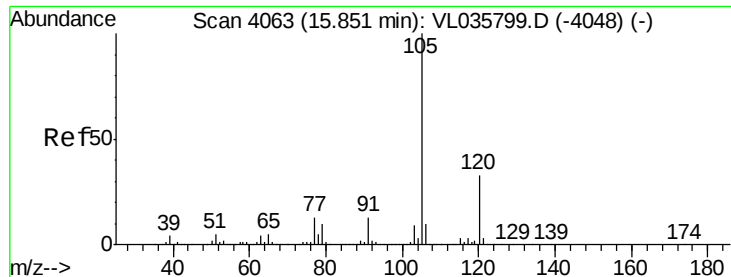
MMDadoda  
 11/5/2020 2:16:35 PM



#70  
 n-Butylbenzene  
 Concen: 0.380 ppbv  
 RT: 18.55 min Scan# 4902  
 Delta R.T. -0.02 min  
 Lab File: VL035832.D  
 Acq: 4 Nov 2020 14:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 55.2  | 45.7  | 68.5  |
| 134     | 28.6  | 21.0  | 31.4  |





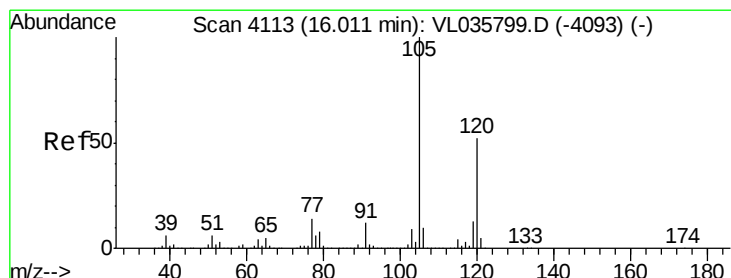
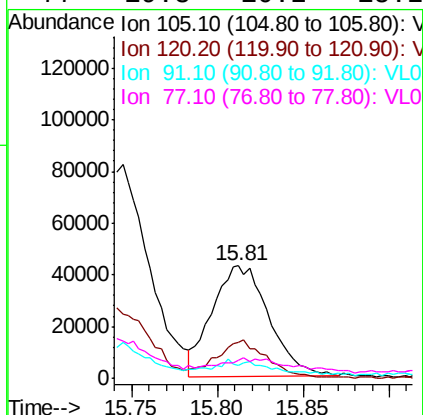
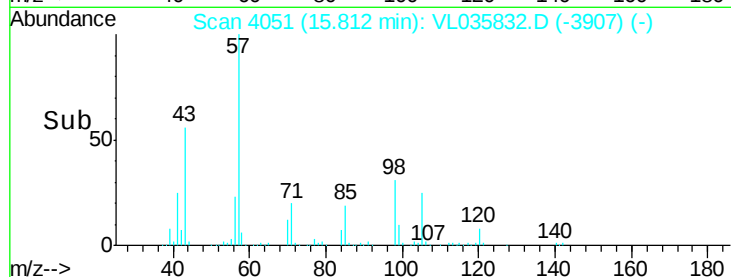
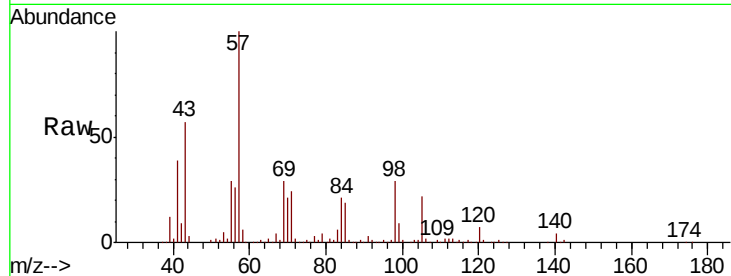
#72  
4-Ethyltoluene  
Concen: 0.178 ppbv  
RT: 15.81 min Scan# 4051  
Delta R.T. -0.04 min  
Lab File: VL035832.D  
Acq: 4 Nov 2020 14:13

Instrument :  
MSVOA\_L  
ClientSampled :  
SV2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 32.0  | 25.9  | 38.9  |
| 91      | 13.6  | 9.9   | 14.9  |
| 77      | 19.8  | 10.2  | 15.2  |

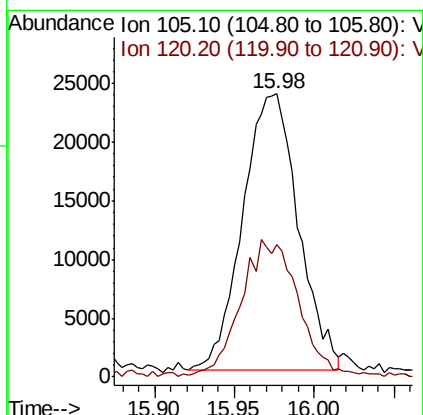
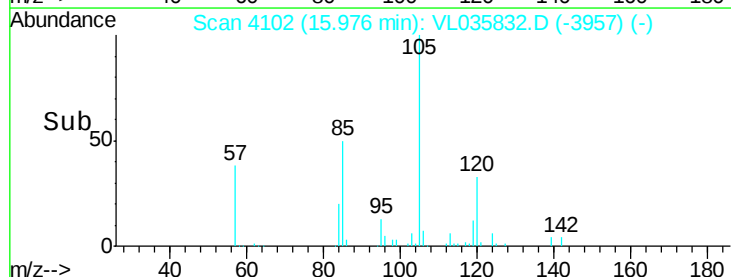
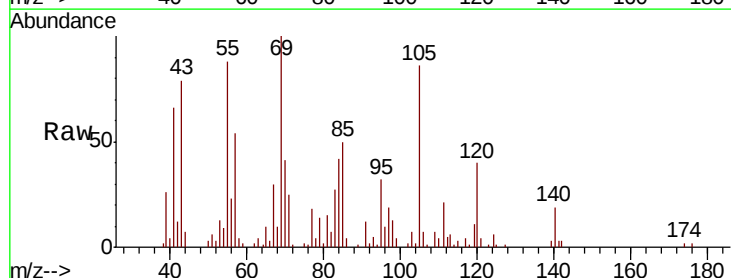
Manual Integrations  
APPROVED

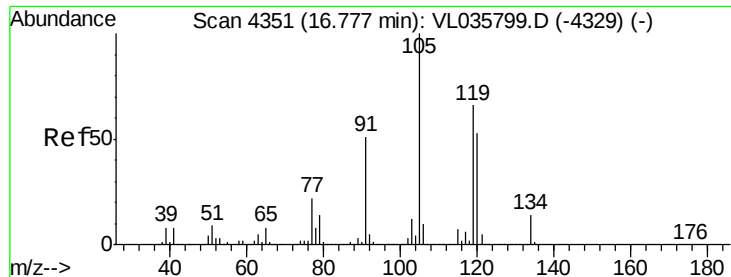
MMDadoda  
11/5/2020 2:16:35 PM



#73  
1,3,5-Trimethylbenzene  
Concen: 0.112 ppbv  
RT: 15.98 min Scan# 4102  
Delta R.T. -0.04 min  
Lab File: VL035832.D  
Acq: 4 Nov 2020 14:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 47.3  | 41.4  | 62.2  |





#74  
 1,2,4-Trimethylbenzene  
 Concen: 0.420 ppbv  
 RT: 16.74 min Scan# 4340  
 Delta R.T. -0.04 min  
 Lab File: VL035832.D  
 Acq: 4 Nov 2020 14:13

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV2

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 120     | 41.7  | 42.0       | 63.0# |
| 91      | 11.8  | 41.0       | 61.6# |
| 77      | 11.7  | 17.3       | 25.9# |

Manual Integrations  
 APPROVED

MMDadoda  
 11/5/2020 2:16:35 PM

