

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052021\  
 Data File : VL037029.D  
 Acq On : 20 May 2021 18:32  
 Operator : SY/AP  
 Sample : M2424-03 2X  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 KSV-02

Manual Integrations  
 APPROVED

MMDadoda  
 5/24/2021 3:27:05 PM

Quant Time: May 22 22:52:13 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   | 5.64  | 49   | 1203292  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.14  | 114  | 3425916  | 10.00 | ppbv  | -0.01    |
| 55) Chlorobenzene-d5    | 12.05 | 117  | 3115059  | 10.00 | ppbv  | -0.02    |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.37  | 95    | 2390514  | 10.22    | ppbv | -0.02   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 102.20% |

| Target Compounds           | R.T.  | QIon | Response | Conc    | Units  | Ovalue |
|----------------------------|-------|------|----------|---------|--------|--------|
| 3) Chlorodifluoromethane   | 2.97  | 51   | 51328    | 0.233   | ppbv # | 86     |
| 4) Chloromethane           | 3.11  | 50   | 7403     | 0.099   | ppbv   | 97     |
| 9) Propene                 | 2.98  | 41   | 408646   | 5.177   | ppbv   | 98     |
| 10) Heptane                | 8.09  | 43   | 107252   | 0.545   | ppbv   | 99     |
| 11) Trichlorofluoromethane | 3.92  | 101  | 24747m   | 0.131   | ppbv   |        |
| 13) Ethanol                | 3.58  | 45   | 611708   | 58.080  | ppbv   | 94     |
| 15) Acetone                | 3.82  | 43   | 19065531 | 154.690 | ppbv # | 83     |
| 17) tert-Butyl alcohol     | 4.27  | 59   | 330034   | 2.923   | ppbv # | 94     |
| 19) Isopropyl Alcohol      | 3.94  | 45   | 397735   | 6.003   | ppbv # | 30     |
| 20) Methylene Chloride     | 4.32  | 84   | 140822   | 2.132   | ppbv   | 97     |
| 26) Hexane                 | 5.65  | 57   | 283517   | 1.874   | ppbv # | 14     |
| 27) Carbon Disulfide       | 4.52  | 76   | 9542143  | 62.578  | ppbv   | 96     |
| 29) Chloroform             | 5.72  | 83   | 83313    | 0.390   | ppbv   | 86     |
| 30) Cyclohexane            | 7.09  | 84   | 27879    | 0.217   | ppbv # | 64     |
| 34) 2-Butanone             | 5.21  | 43   | 1697011  | 13.604  | ppbv   | 100    |
| 36) Benzene                | 6.86  | 78   | 554250   | 1.878   | ppbv   | 98     |
| 38) Trichloroethene        | 7.79  | 130  | 5696m    | 0.045   | ppbv   |        |
| 50) 4-Methyl-2-Pentanone   | 8.72  | 43   | 45234    | 0.220   | ppbv # | 84     |
| 51) 2-Hexanone             | 10.10 | 43   | 193752   | 1.780   | ppbv # | 92     |
| 52) Tetrachloroethene      | 11.18 | 164  | 38404m   | 0.327   | ppbv   |        |
| 53) Toluene                | 9.76  | 91   | 539805   | 1.537   | ppbv   | 99     |
| 58) Ethyl Benzene          | 12.67 | 91   | 952183   | 2.166   | ppbv   | 94     |
| 59) m/p-Xylene             | 12.96 | 91   | 884715   | 2.434   | ppbv   | 98     |
| 60) o-Xylene               | 13.65 | 91   | 343431m  | 0.991   | ppbv   |        |
| 61) Styrene                | 13.49 | 104  | 88887    | 0.455   | ppbv   | 93     |
| 62) Isopropylbenzene       | 14.63 | 105  | 78258    | 0.157   | ppbv   | 98     |
| 64) n-propylbenzene        | 15.53 | 120  | 37440    | 0.291   | ppbv   | 67     |
| 72) 4-Ethyltoluene         | 15.81 | 105  | 164871m  | 0.401   | ppbv   |        |
| 73) 1,3,5-Trimethylbenzene | 15.96 | 105  | 168949   | 0.437   | ppbv   | 90     |
| 74) 1,2,4-Trimethylbenzene | 16.73 | 105  | 318679m  | 0.798   | ppbv   |        |

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

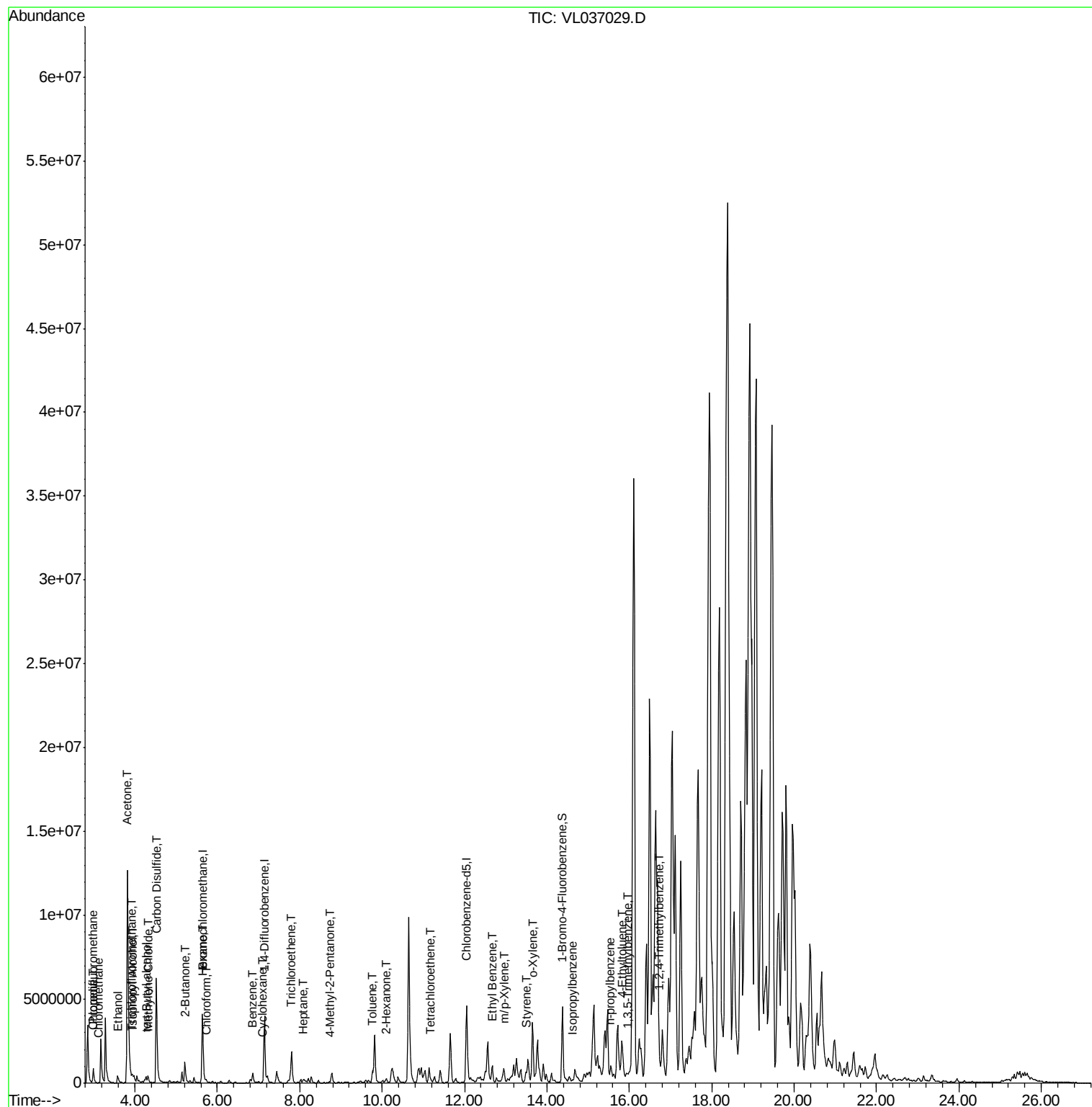
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052021\  
Data File : VL037029.D  
Acq On : 20 May 2021 18:32  
Operator : SY/AP  
Sample : M2424-03 2X  
Misc : 400mL/MSVOA L  
ALS Vial : 1 Sample Multiplier: 1

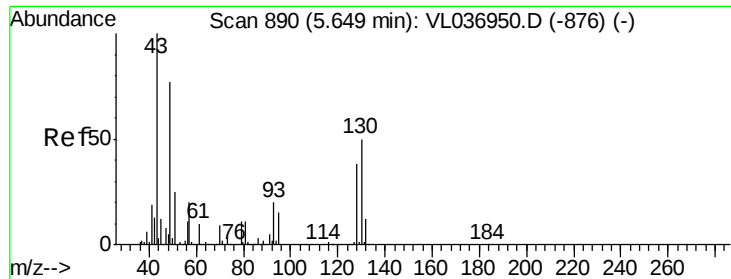
Instrument :  
MSVOA\_L  
ClientSampleId :  
KSV-02

Manual Integrations  
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Quant Time: May 22 22:52:13 2021  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue May  
QLast Update : Tue May 18 12:00:15 2021  
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.01 min

Lab File: VL037029.D

Acq: 20 May 2021 18:32

Instrument :

MSVOA\_L

ClientSampleId :

KSV-02

Tot Ion: 49 Resp: 1203292

Ion Ratio Lower Upper

49 100

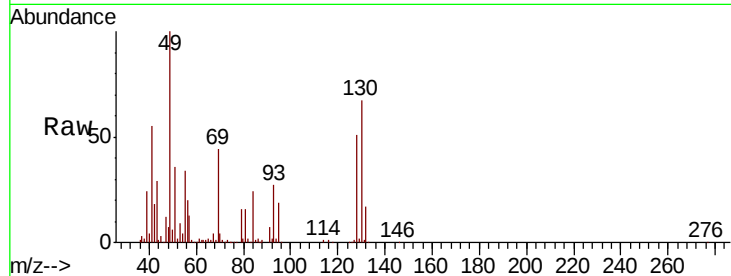
128 54.4 26.9 80.7

130 70.4 33.8 101.4

Manual Integrations  
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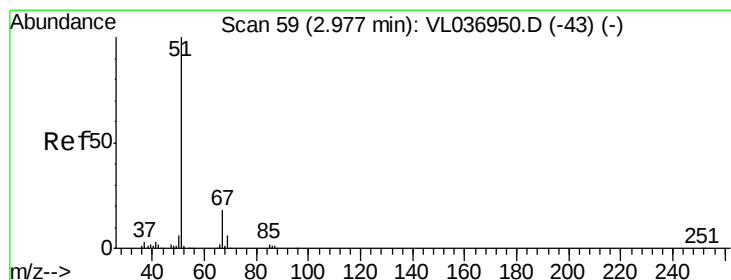
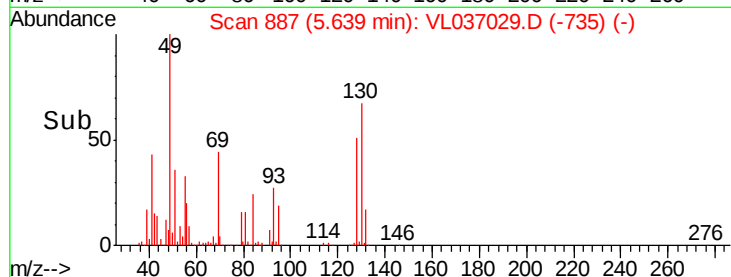
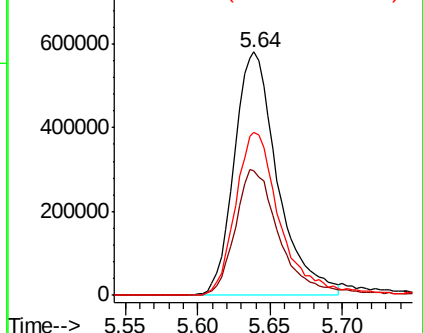
5/24/2021 3:27:05 PM



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



#3

Chlorodifluoromethane

Concen: 0.233 ppbv

RT: 2.97 min Scan# 56

Delta R.T. -0.01 min

Lab File: VL037029.D

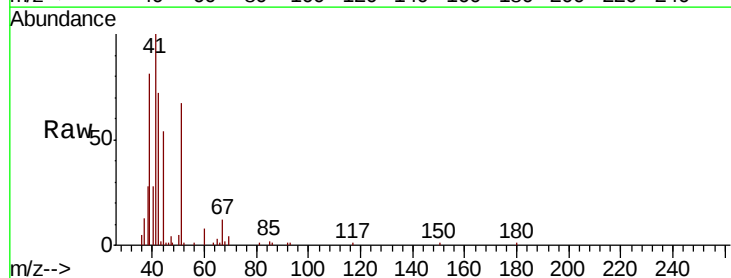
Acq: 20 May 2021 18:32

Tgt Ion: 51 Resp: 51328

Ion Ratio Lower Upper

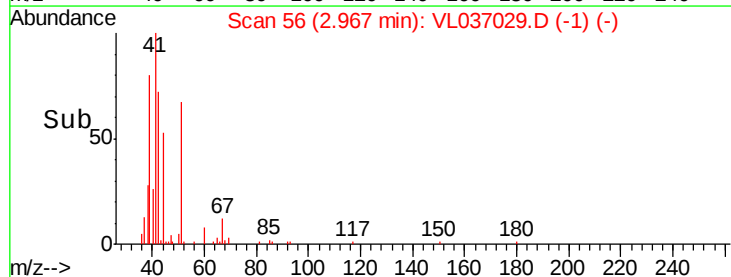
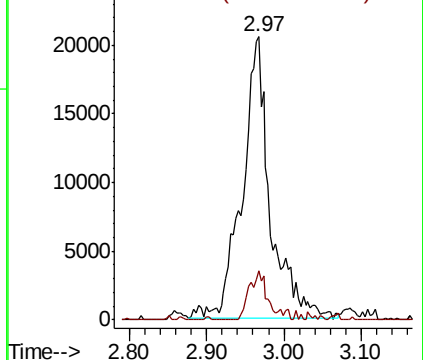
51 100

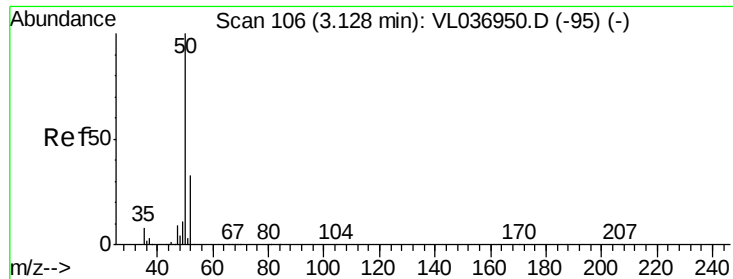
67 11.9 14.6 21.8#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.099 ppbv

RT: 3.11 min Scan# 102

Delta R.T. -0.01 min

Lab File: VL037029.D

Acq: 20 May 2021 18:32

Instrument :

MSVOA\_L

ClientSampled :

KSV-02

Tot Ion: 50 Resp: 7403

Ion Ratio Lower Upper

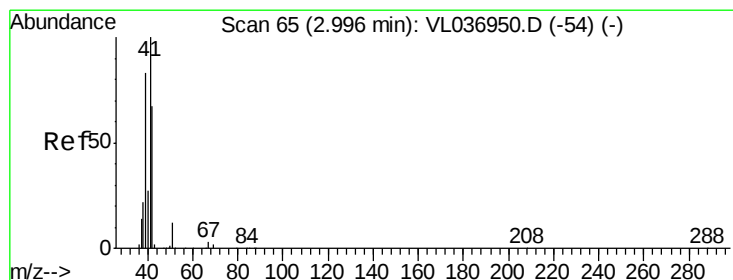
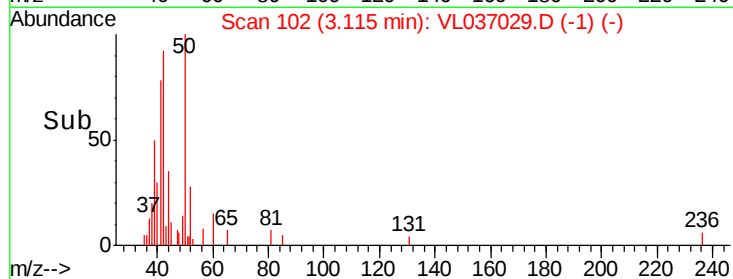
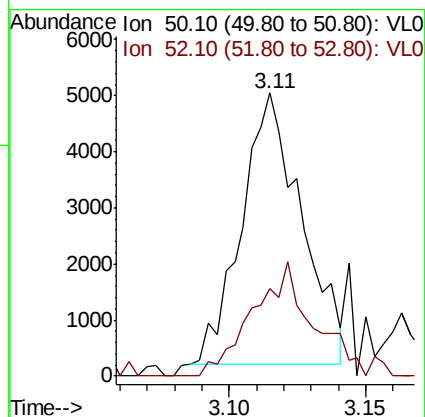
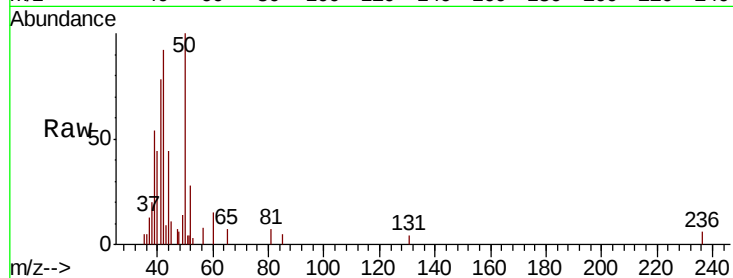
50 100

52 31.1 26.1 39.1

Manual Integrations  
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#9

Propene

Concen: 5.177 ppbv

RT: 2.98 min Scan# 61

Delta R.T. -0.01 min

Lab File: VL037029.D

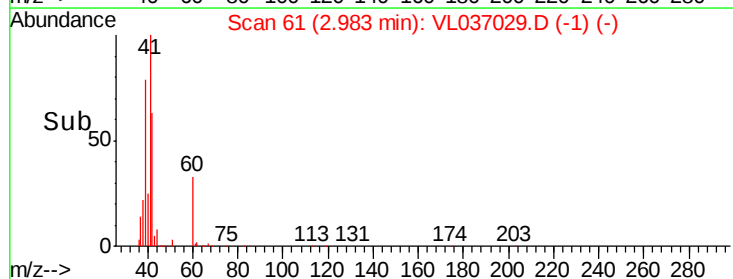
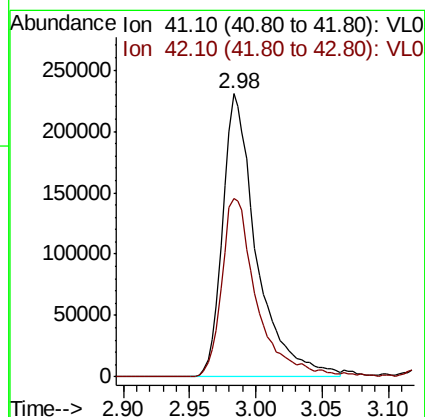
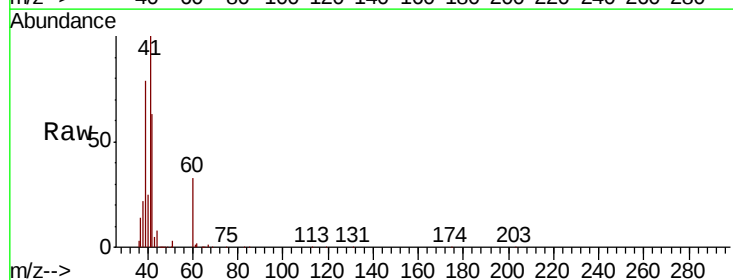
Acq: 20 May 2021 18:32

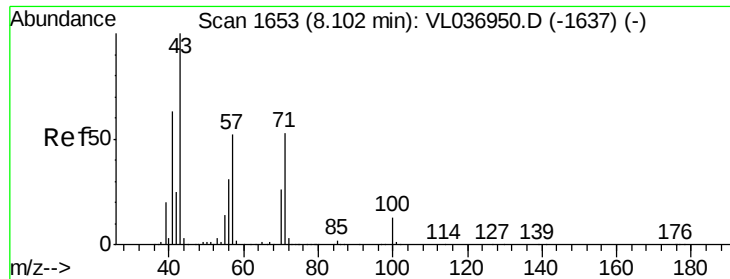
Tgt Ion: 41 Resp: 408646

Ion Ratio Lower Upper

41 100

42 65.9 53.9 80.9





#10

Heptane

Concen: 0.545 ppbv

RT: 8.09 min Scan# 1649

Delta R.T. -0.01 min

Lab File: VL037029.D

Acq: 20 May 2021 18:32

Instrument :

MSVOA\_L

ClientSampleId :

KSV-02

Tot Ion: 43 Resp: 107252

Ion Ratio Lower Upper

43 100

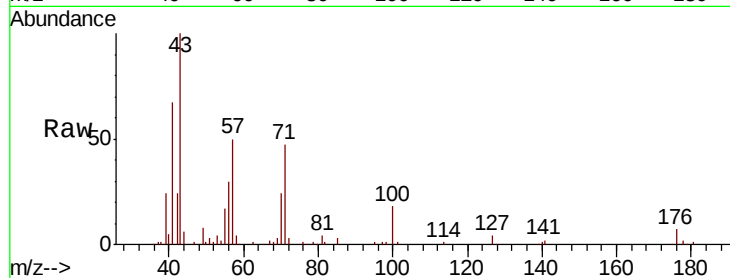
57 51.8 41.0 61.6

Manual Integrations

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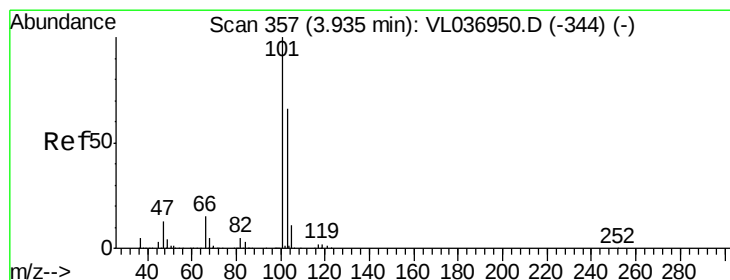
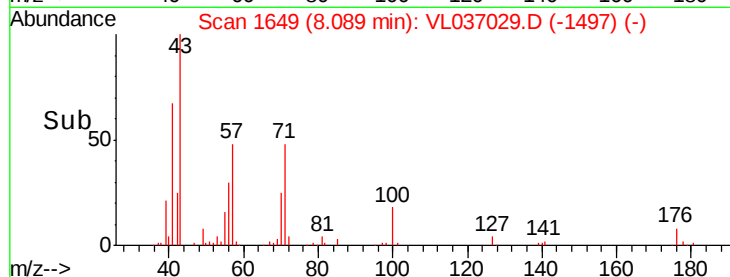
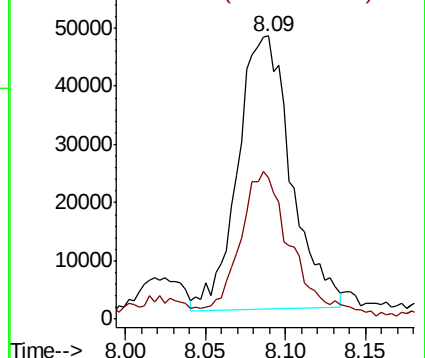
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#11

Trichlorofluoromethane

Concen: 0.131 ppbv m

RT: 3.92 min Scan# 353

Delta R.T. -0.01 min

Lab File: VL037029.D

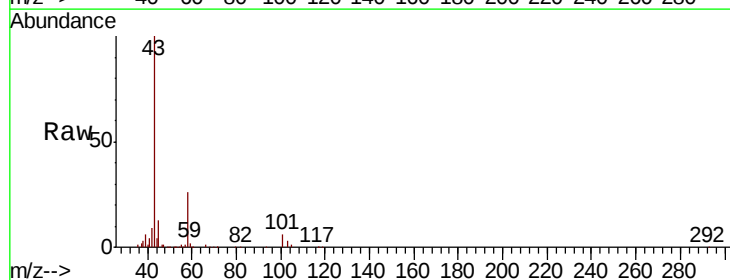
Acq: 20 May 2021 18:32

Tgt Ion:101 Resp: 24747

Ion Ratio Lower Upper

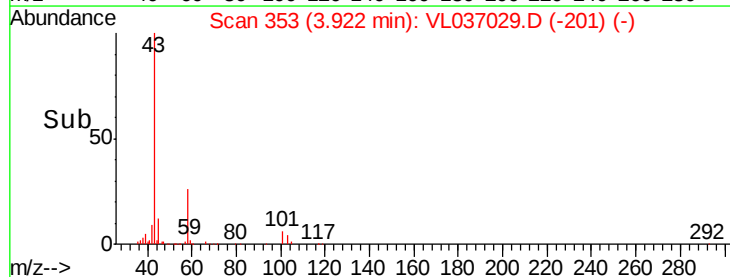
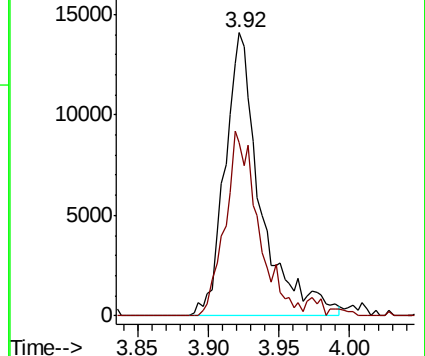
101 100

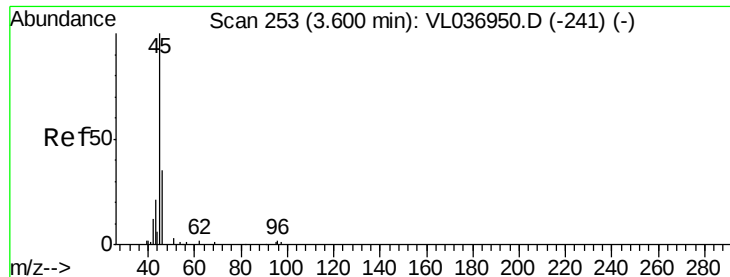
103 61.4 52.6 79.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





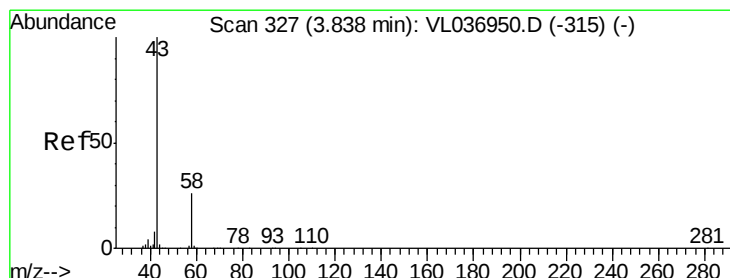
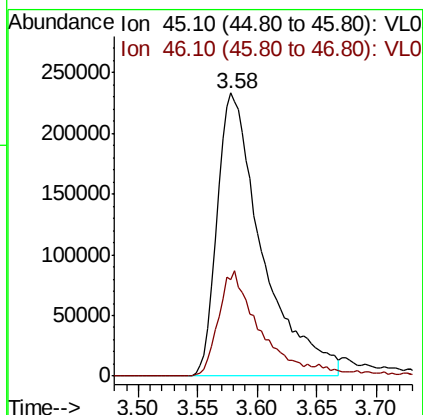
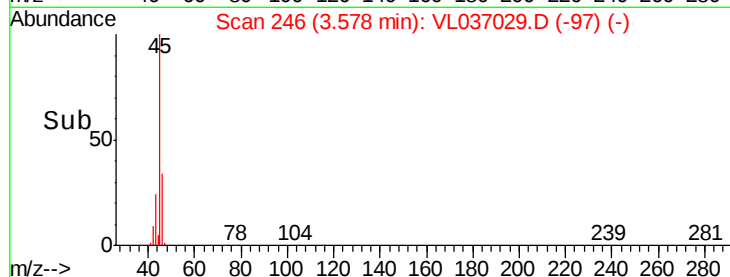
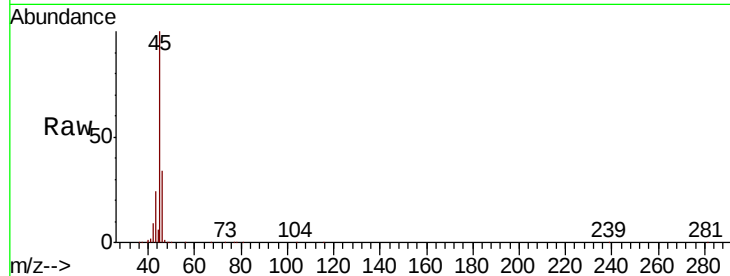
#13  
Ethanol  
Concen: 58.080 ppbv  
RT: 3.58 min Scan# 246  
Delta R.T. -0.02 min  
Lab File: VL037029.D  
Acq: 20 May 2021 18:32

Instrument :  
MSVOA\_L  
ClientSampled :  
KSV-02

| Tot Ion | 45     | 46   | Ratio | Lower | Upper |
|---------|--------|------|-------|-------|-------|
| Resp    | 611708 |      |       |       |       |
| Ion     | 100    | 36.8 |       | 16.3  | 65.3  |

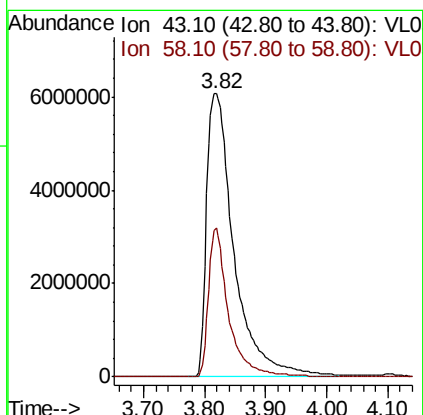
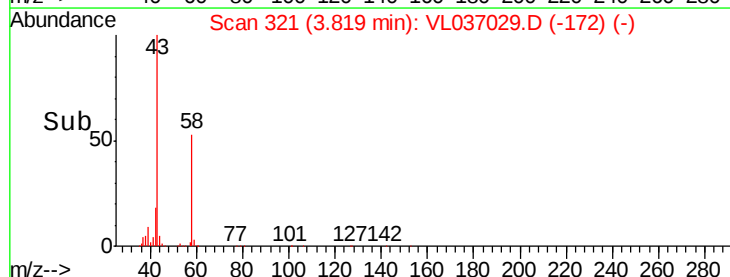
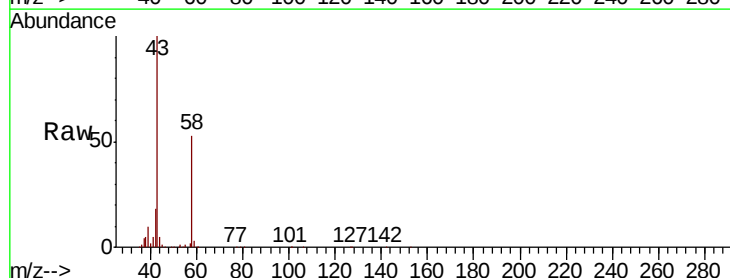
Manual Integrations  
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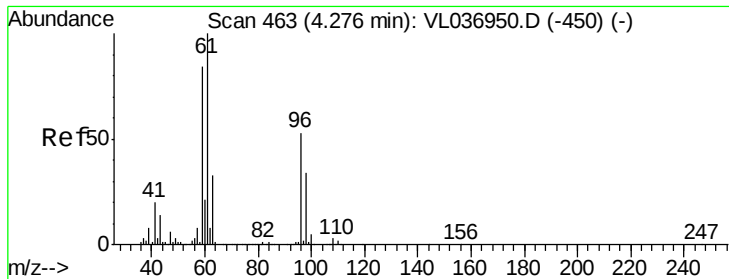
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5/24/2021 3:27:05 PM



#15  
Acetone  
Concen: 154.690 ppbv  
RT: 3.82 min Scan# 321  
Delta R.T. -0.02 min  
Lab File: VL037029.D  
Acq: 20 May 2021 18:32

| Tgt Ion | 43       | 58   | Ratio | Lower | Upper |
|---------|----------|------|-------|-------|-------|
| Resp    | 19065531 |      |       |       |       |
| Ion     | 100      | 39.3 |       | 24.0  | 36.0# |





#17

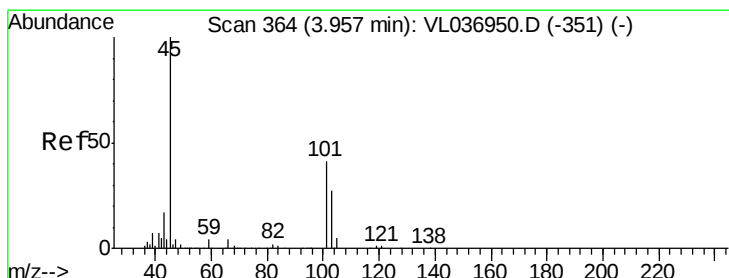
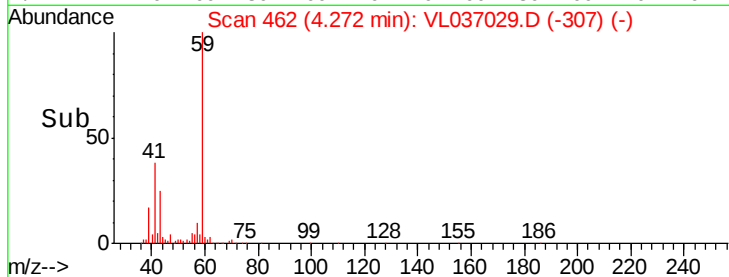
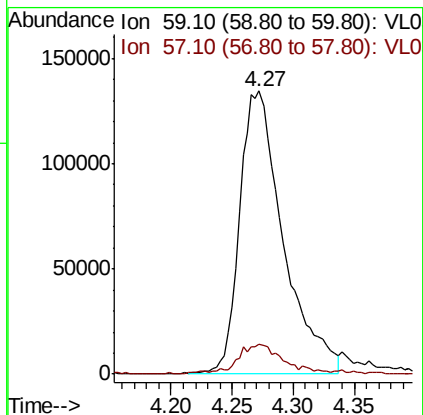
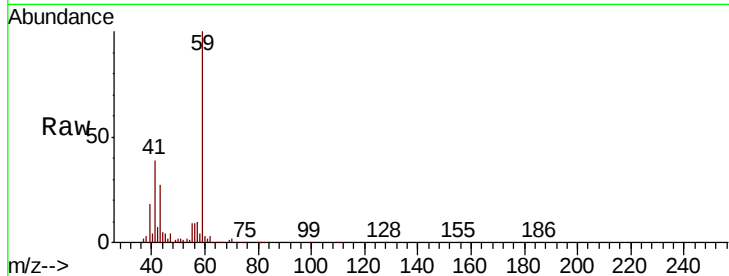
tert-Butyl alcohol  
Concen: 2.923 ppbv  
RT: 4.27 min Scan# 462  
Delta R.T. -0.00 min  
Lab File: VL037029.D  
Acq: 20 May 2021 18:32

Instrument :  
MSVOA\_L  
ClientSampleId :  
KSV-02

Tot Ion: 59 Resp: 330034  
Ion Ratio Lower Upper  
59 100  
57 12.6 8.3 12.5#

Manual Integrations  
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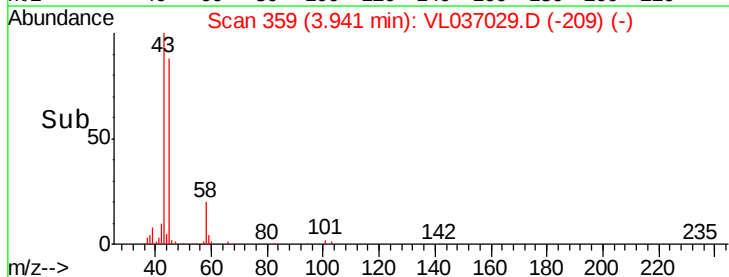
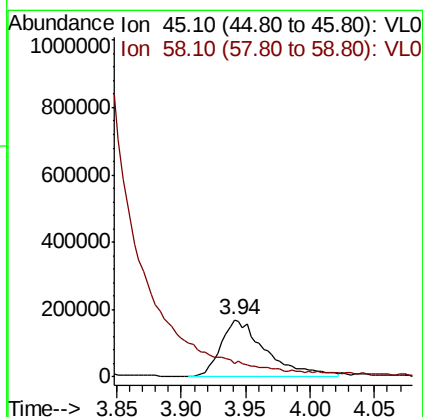
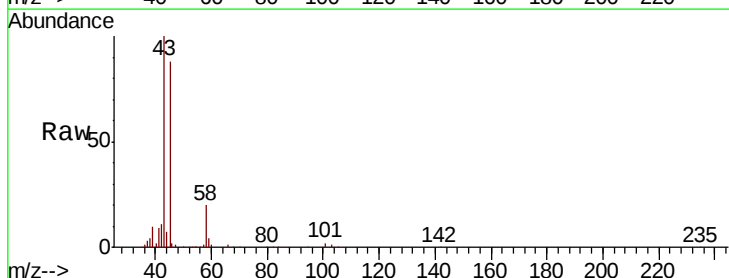
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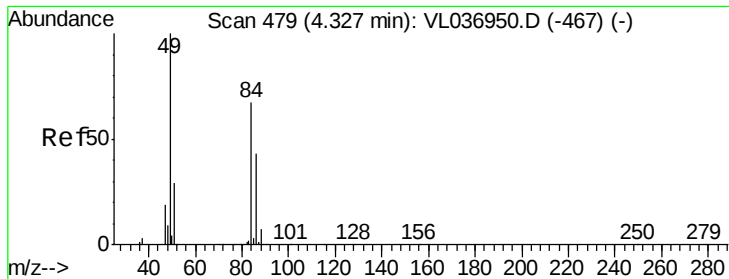


#19

Isopropyl Alcohol  
Concen: 6.003 ppbv  
RT: 3.94 min Scan# 359  
Delta R.T. -0.02 min  
Lab File: VL037029.D  
Acq: 20 May 2021 18:32

Tgt Ion: 45 Resp: 397735  
Ion Ratio Lower Upper  
45 100  
58 0.0 37.2 55.8#





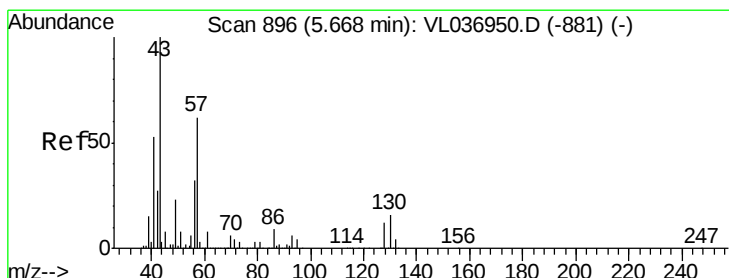
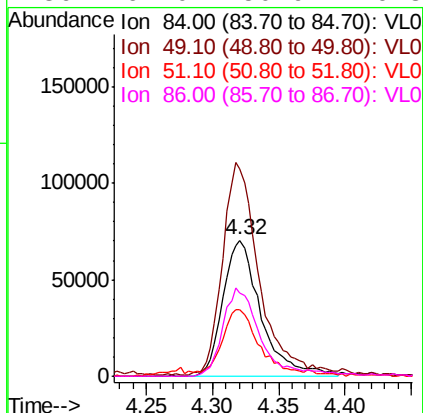
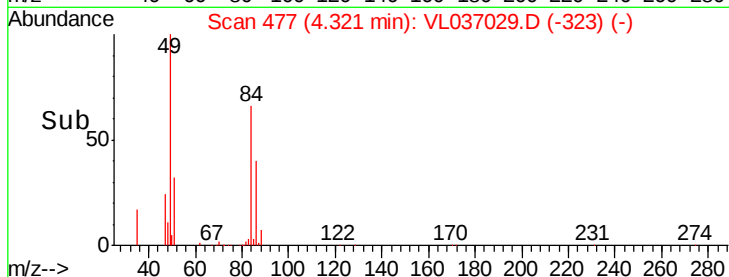
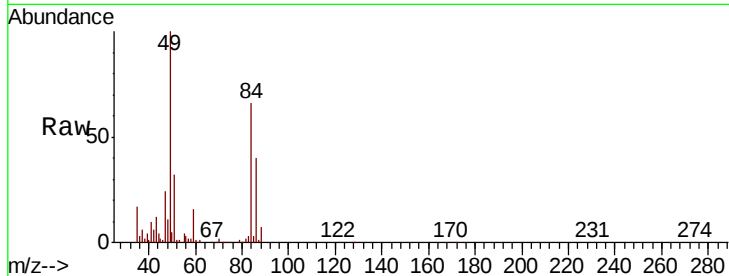
#20  
Methvlene Chloride  
Concen: 2.132 ppbv  
RT: 4.32 min Scan# 477  
Delta R.T. -0.01 min  
Lab File: VL037029.D  
Acq: 20 May 2021 18:32

Instrument :  
MSVOA\_L  
ClientSampleId :  
KSV-02

| Tot Ion | 84    | Resp  | 140822 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 84      | 100   |       |        |
| 49      | 151.8 | 119.8 | 179.6  |
| 51      | 48.2  | 35.1  | 52.7   |
| 86      | 61.0  | 50.9  | 76.3   |

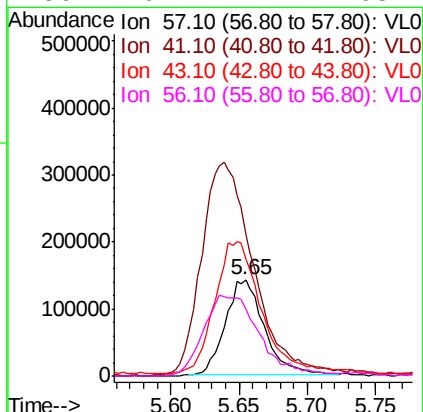
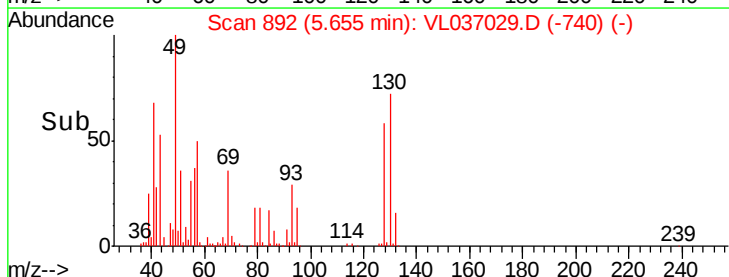
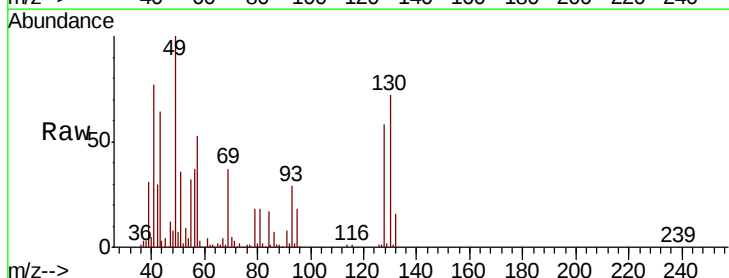
Manual Integrations  
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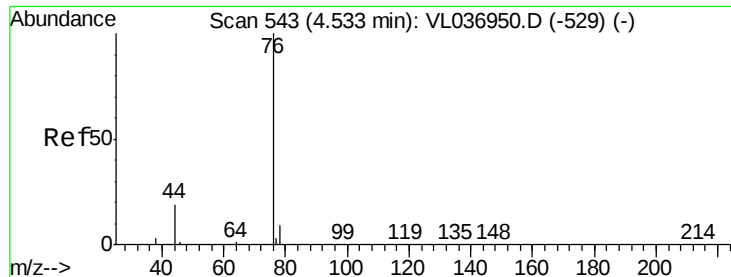
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#26  
Hexane  
Concen: 1.874 ppbv  
RT: 5.65 min Scan# 892  
Delta R.T. -0.01 min  
Lab File: VL037029.D  
Acq: 20 May 2021 18:32

| Tgt Ion | 57    | Resp  | 283517 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 57      | 100   |       |        |
| 41      | 302.5 | 70.5  | 105.7# |
| 43      | 173.1 | 165.8 | 248.8  |
| 56      | 120.4 | 42.2  | 63.4#  |





#27

Carbon Disulfide

Concen: 62.578 ppbv

RT: 4.52 min Scan# 538

Delta R.T. -0.02 min

Lab File: VL037029.D

Acq: 20 May 2021 18:32

Instrument :

MSVOA\_L

ClientSampleId :

KSV-02

Tot Ion: 76 Resp: 9542143

Ion Ratio Lower Upper

76 100

44 21.2 15.5 23.3

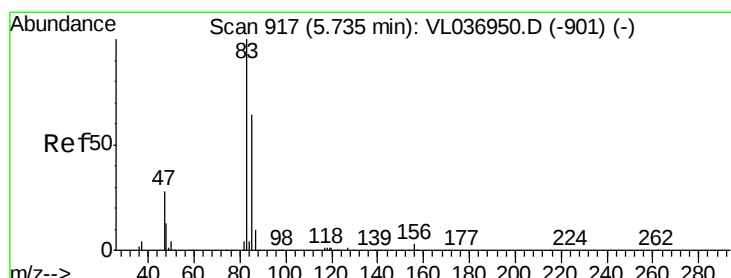
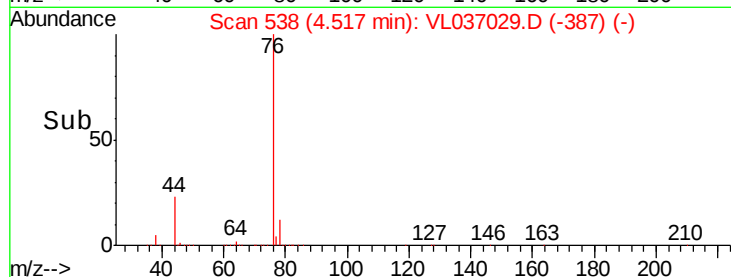
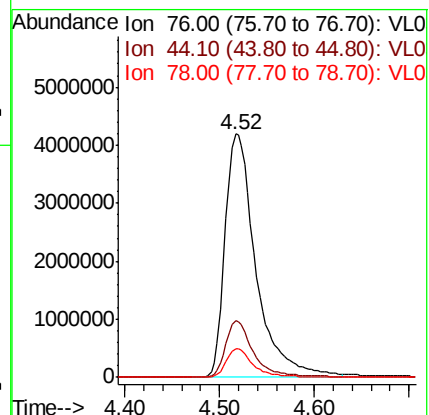
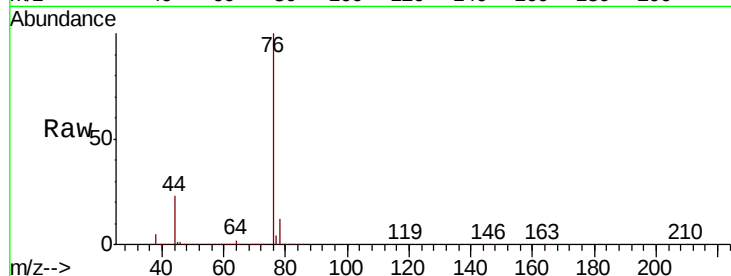
78 10.7 7.8 11.6

Manual Integrations

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#29

Chloroform

Concen: 0.390 ppbv

RT: 5.72 min Scan# 913

Delta R.T. -0.01 min

Lab File: VL037029.D

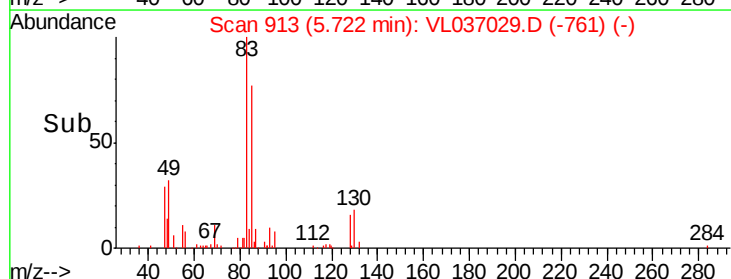
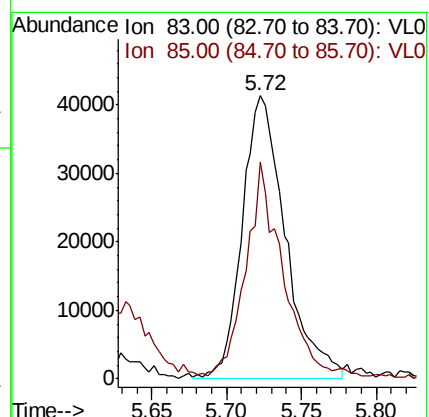
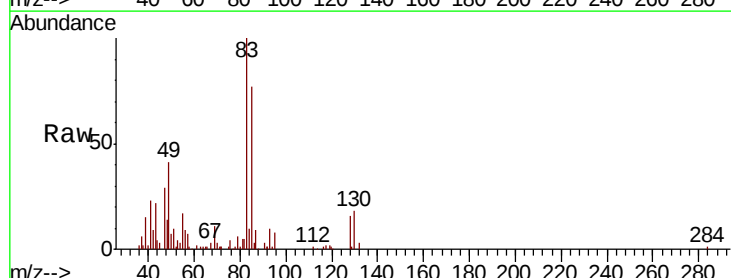
Acq: 20 May 2021 18:32

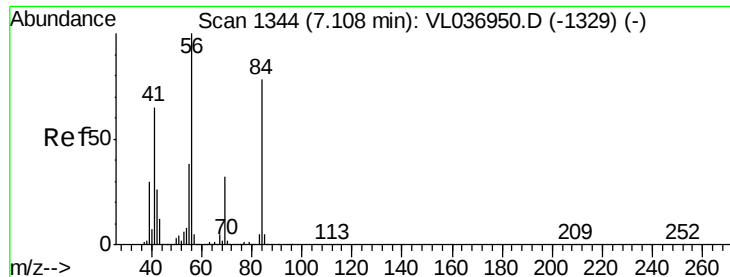
Tgt Ion: 83 Resp: 83313

Ion Ratio Lower Upper

83 100

85 74.6 51.1 76.7





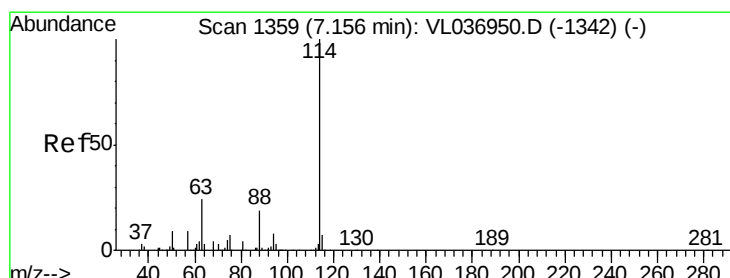
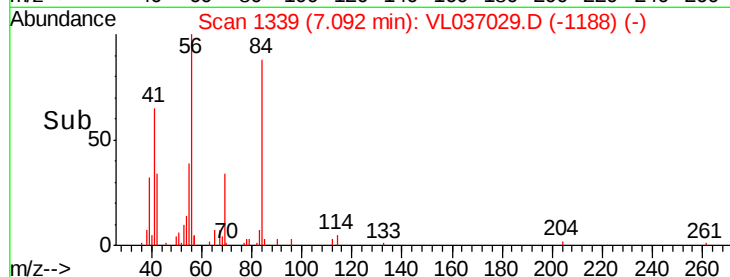
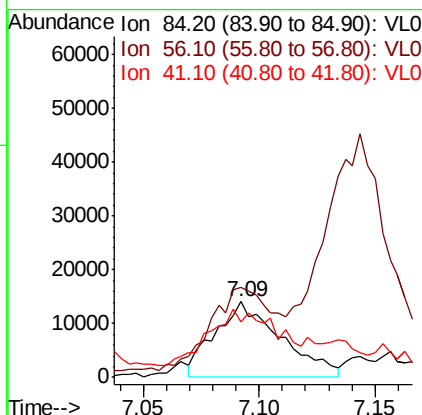
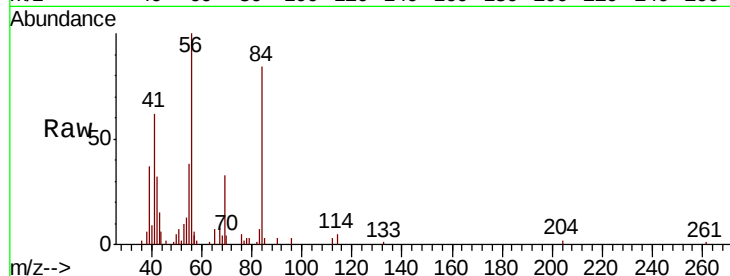
#30  
Cyclohexane  
Concen: 0.217 ppbv  
RT: 7.09 min Scan# 1339  
Delta R.T. -0.02 min  
Lab File: VL037029.D  
Acq: 20 May 2021 18:32

Instrument :  
MSVOA\_L  
ClientSampleId :  
KSV-02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 56      | 115.8 | 107.9 | 161.9 |
| 41      | 142.6 | 65.5  | 98.3# |

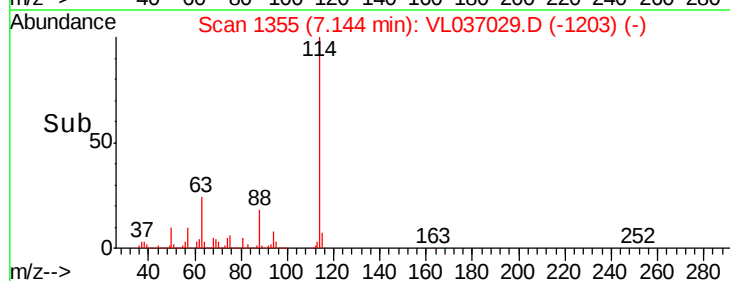
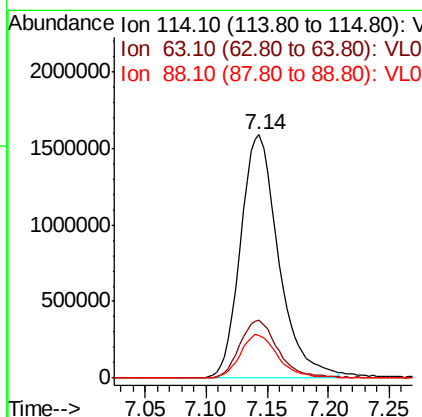
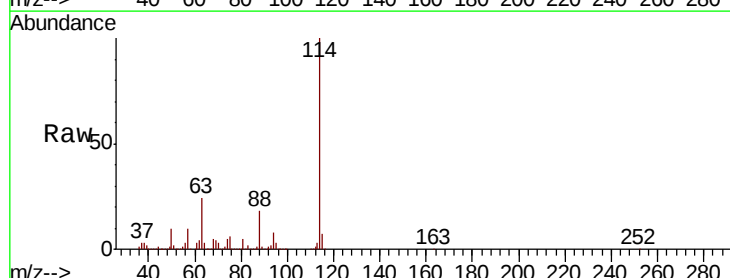
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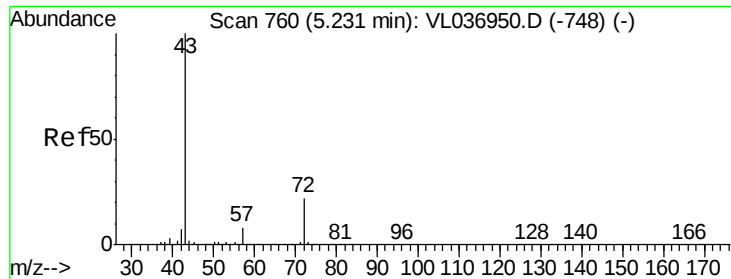
MMDadoda  
5/24/2021 3:27:05 PM



#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 7.14 min Scan# 1355  
Delta R.T. -0.01 min  
Lab File: VL037029.D  
Acq: 20 May 2021 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 24.4  | 19.6  | 29.4  |
| 88      | 18.0  | 14.6  | 21.8  |





#34

2-Butanone

Concen: 13.604 ppbv

RT: 5.21 min Scan# 754

Delta R.T. -0.02 min

Lab File: VL037029.D

Acq: 20 May 2021 18:32

Instrument :

MSVOA\_L

ClientSampleId :

KSV-02

Tot Ion: 43 Resp: 1697011

Ion Ratio Lower Upper

43 100

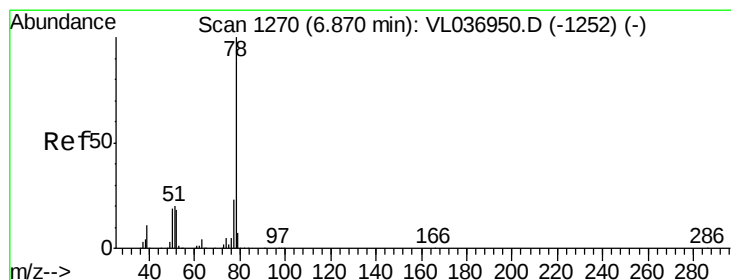
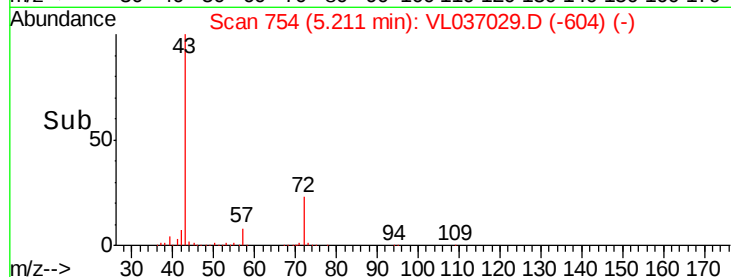
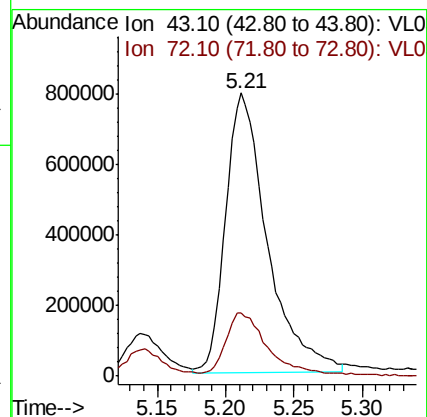
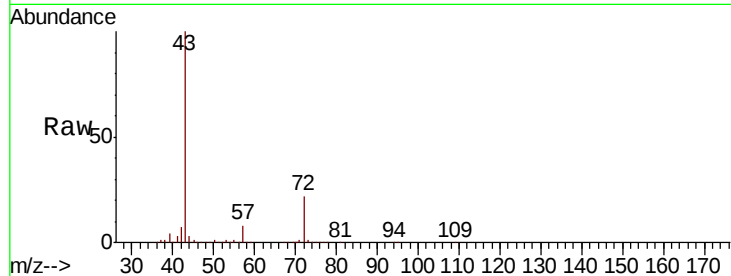
72 23.9 19.0 28.4

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#36

Benzene

Concen: 1.878 ppbv

RT: 6.86 min Scan# 1266

Delta R.T. -0.01 min

Lab File: VL037029.D

Acq: 20 May 2021 18:32

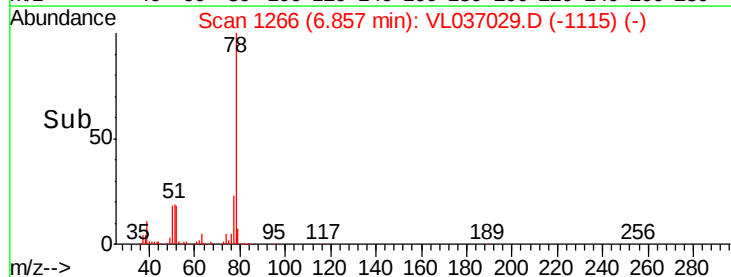
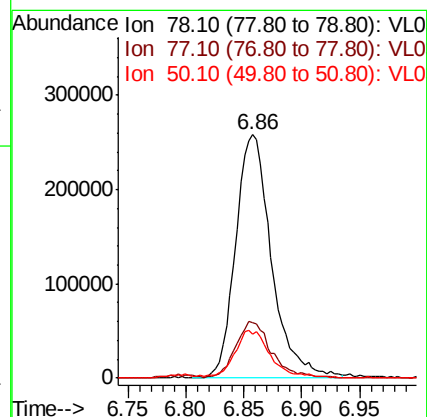
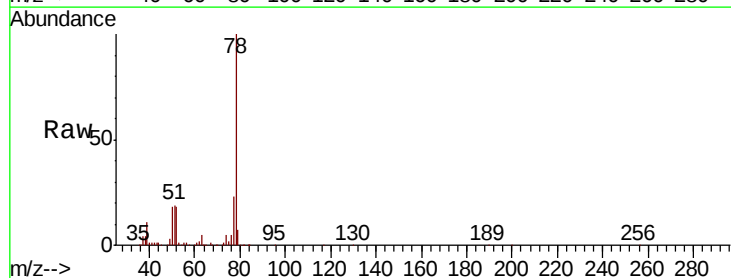
Tgt Ion: 78 Resp: 554250

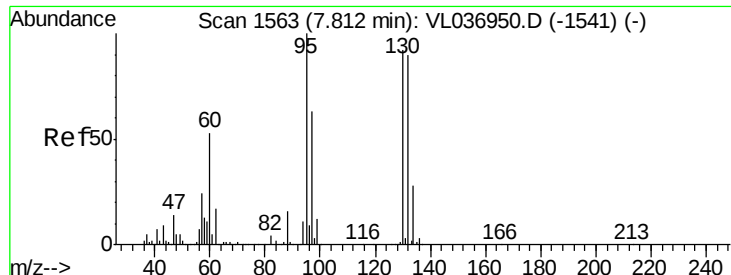
Ion Ratio Lower Upper

78 100

77 22.4 18.6 28.0

50 17.7 15.0 22.4





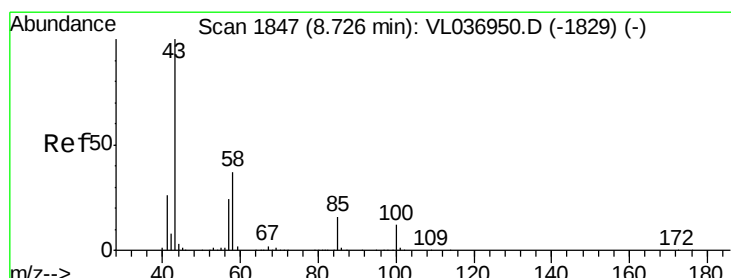
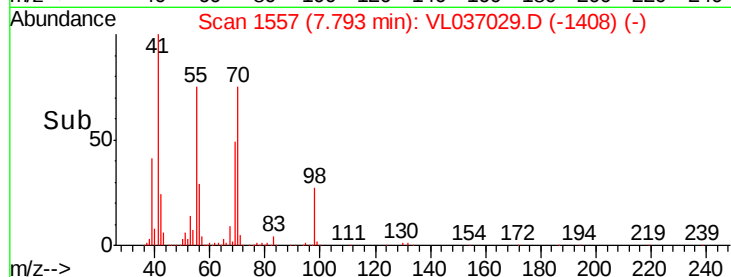
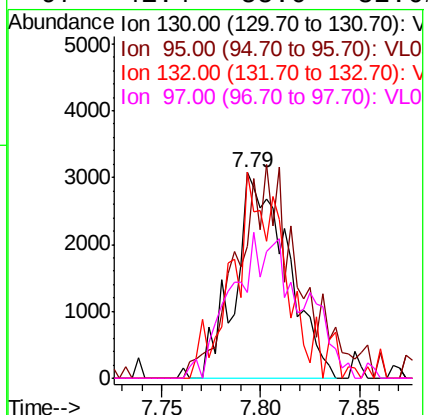
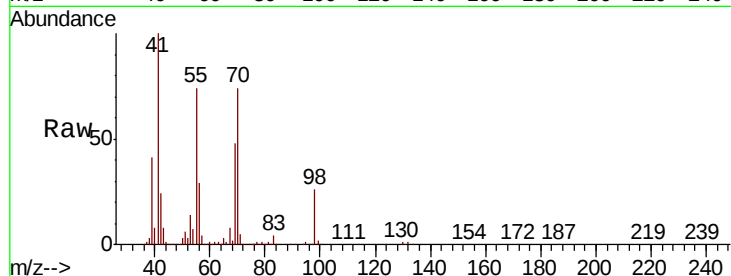
#38  
 Trichloroethene  
 Concen: 0.045 ppbv m  
 RT: 7.79 min Scan# 1557  
 Delta R.T. -0.02 min  
 Lab File: VL037029.D  
 Acq: 20 May 2021 18:32

Instrument :  
 MSVOA\_L  
 ClientSampled :  
 KSV-02

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 130     | 100   |       |        |
| 95      | 64.3  | 86.9  | 130.3# |
| 132     | 100.2 | 78.4  | 117.6  |
| 97      | 41.4  | 55.0  | 82.6#  |

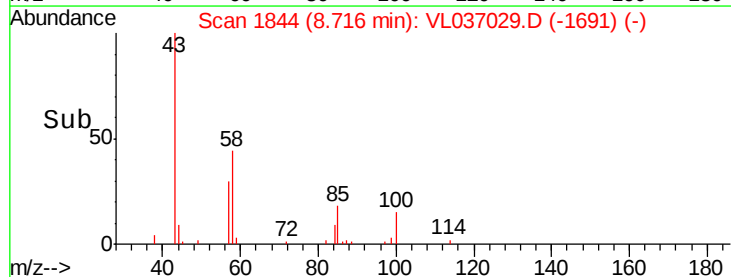
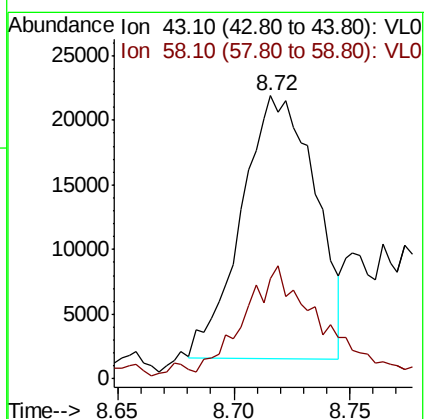
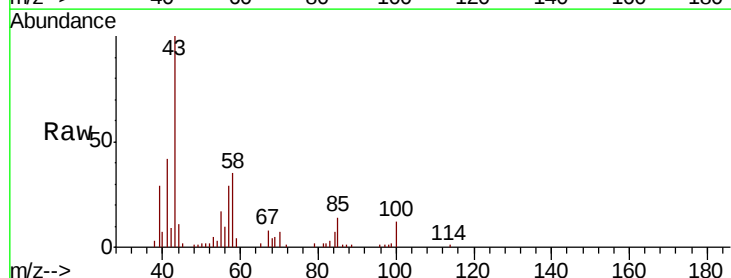
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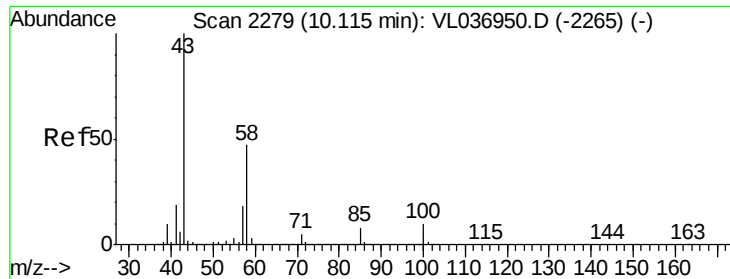
MMDadoda  
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#50  
 4-Methyl-2-Pentanone  
 Concen: 0.220 ppbv  
 RT: 8.72 min Scan# 1844  
 Delta R.T. -0.01 min  
 Lab File: VL037029.D  
 Acq: 20 May 2021 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 46.5  | 29.4  | 44.2# |





#51

2-Hexanone

Concen: 1.780 ppbv

RT: 10.10 min Scan# 2276

Delta R.T. -0.01 min

Lab File: VL037029.D

Acq: 20 May 2021 18:32

Instrument :

MSVOA\_L

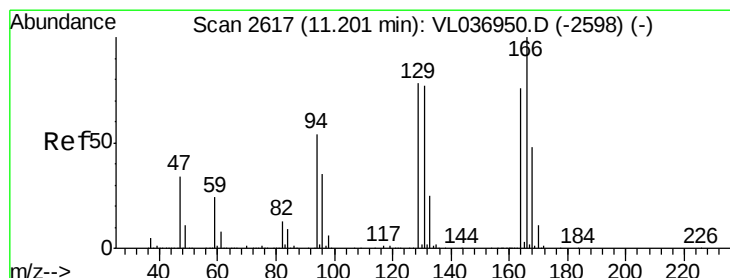
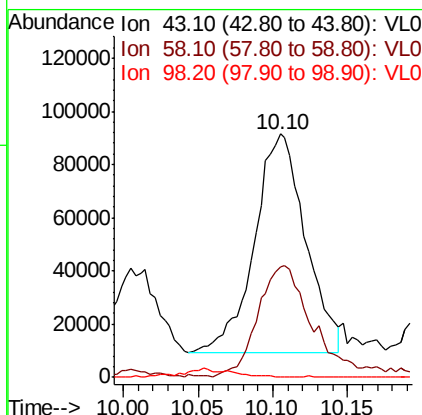
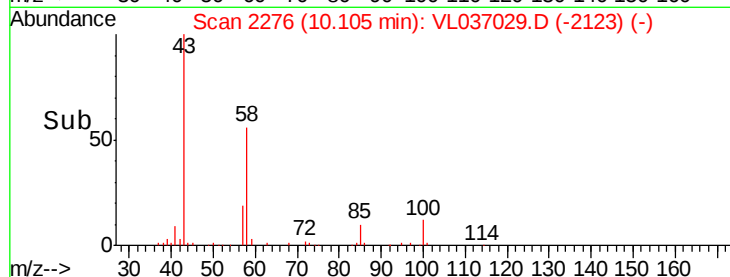
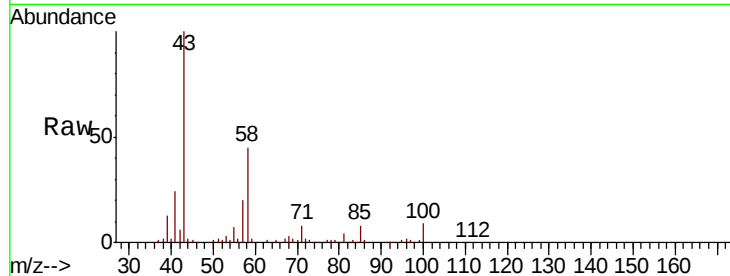
ClientSampled :

KSV-02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 43    | Resp: | 193752 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 56.7  | 41.1  | 61.7   |
| 98        | 0.0   | 0.1   | 0.1    |

Manual Integrations  
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#52

Tetrachloroethene

Concen: 0.327 ppbv m

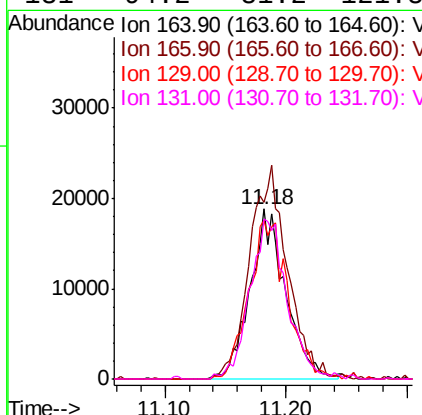
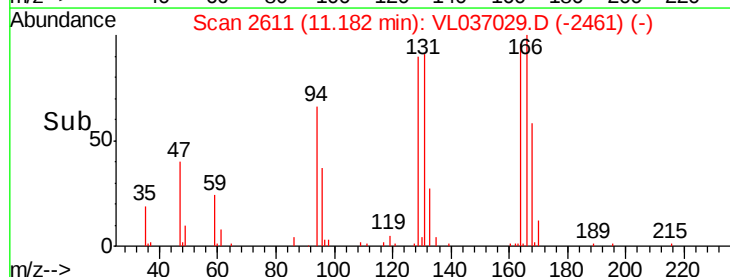
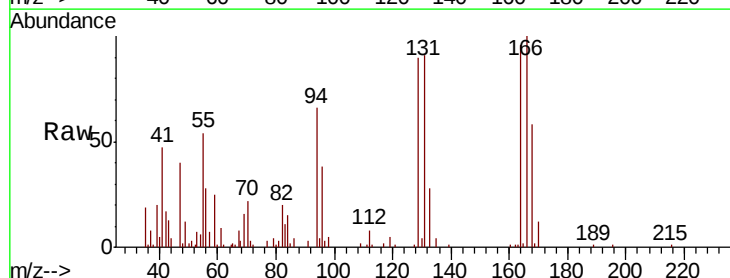
RT: 11.18 min Scan# 2611

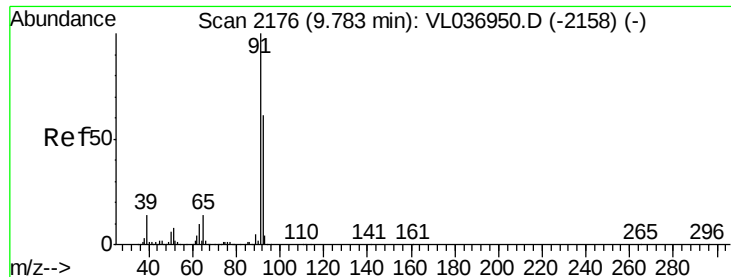
Delta R.T. -0.02 min

Lab File: VL037029.D

Acq: 20 May 2021 18:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 38404 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 166       | 103.7 | 105.5 | 158.3 |
| 129       | 93.3  | 81.8  | 122.8 |
| 131       | 94.2  | 81.2  | 121.8 |





#53

Toluene

Concen: 1.537 ppbv

RT: 9.76 min Scan# 2170

Delta R.T. -0.02 min

Lab File: VL037029.D

Acq: 20 May 2021 18:32

Instrument :

MSVOA\_L

ClientSampleId :

KSV-02

Tot Ion: 91 Resp: 539805

Ion Ratio Lower Upper

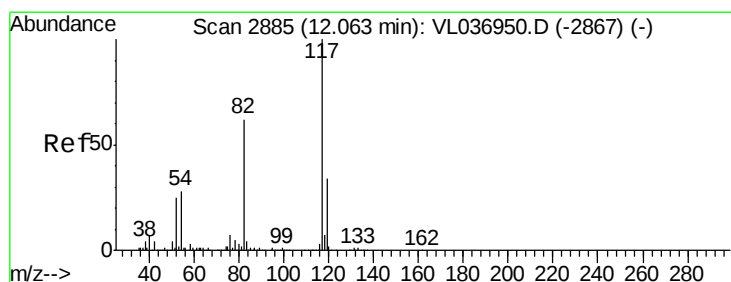
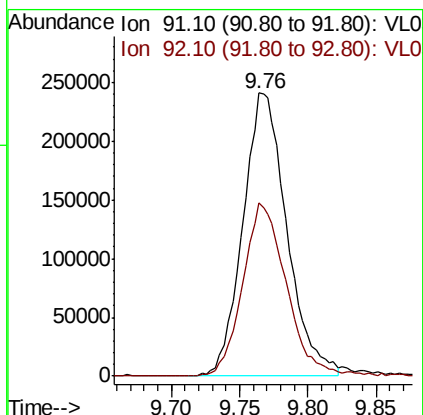
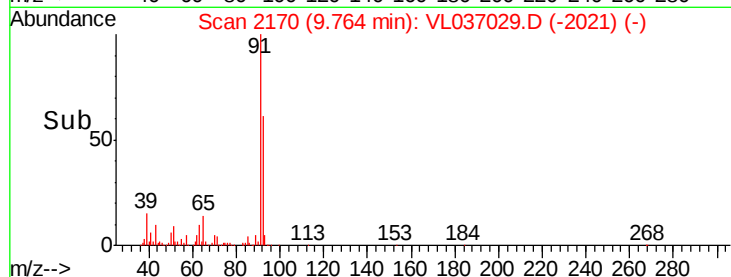
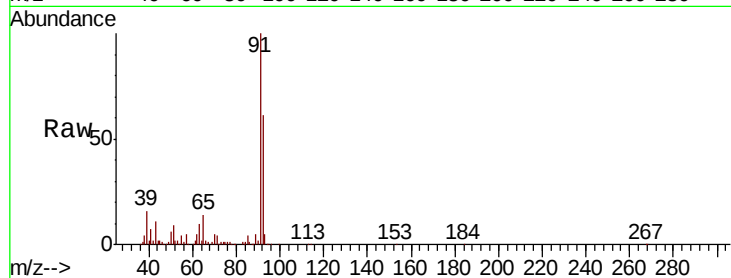
91 100

92 60.9 49.5 74.3

Manual Integrations  
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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.05 min Scan# 2880

Delta R.T. -0.02 min

Lab File: VL037029.D

Acq: 20 May 2021 18:32

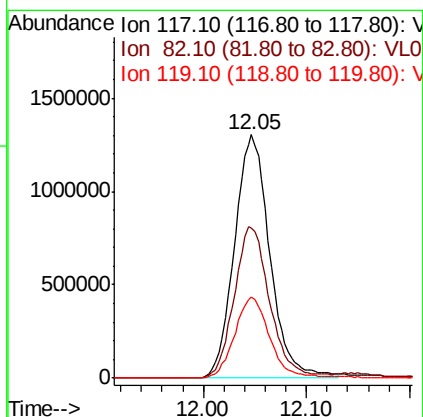
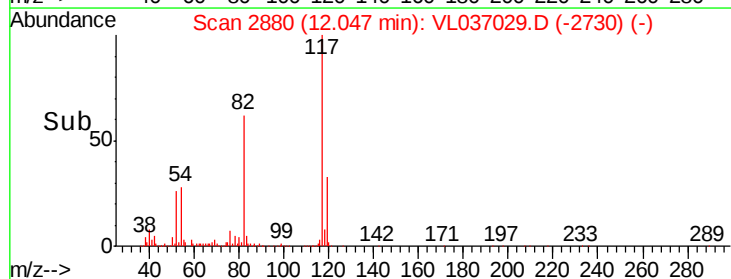
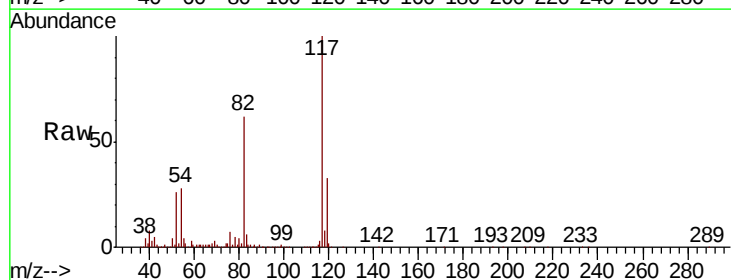
Tgt Ion: 117 Resp: 3115059

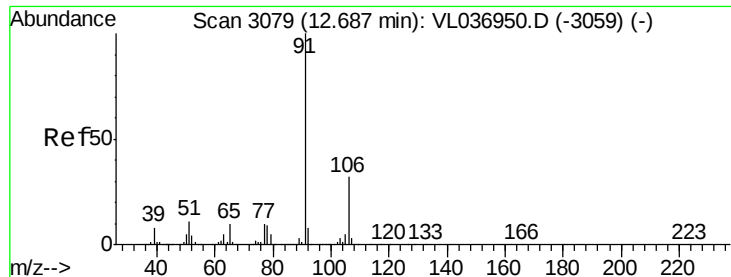
Ion Ratio Lower Upper

117 100

82 62.6 52.6 79.0

119 33.6 46.6 70.0#





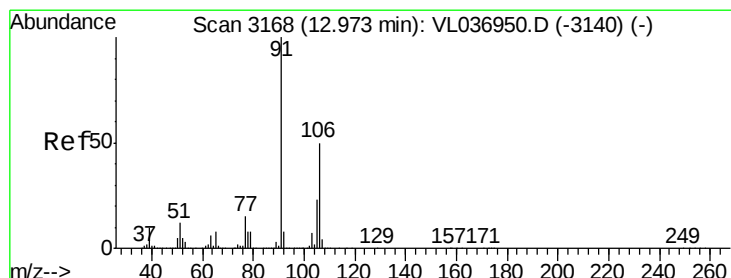
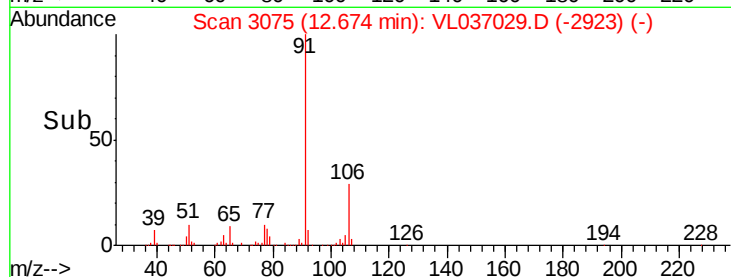
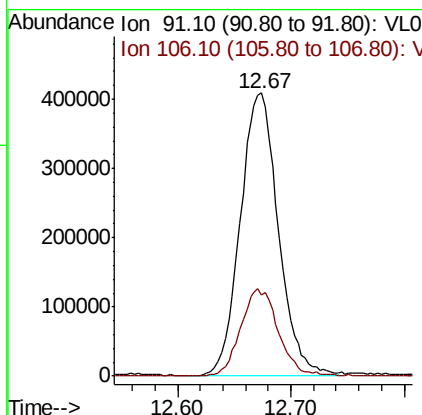
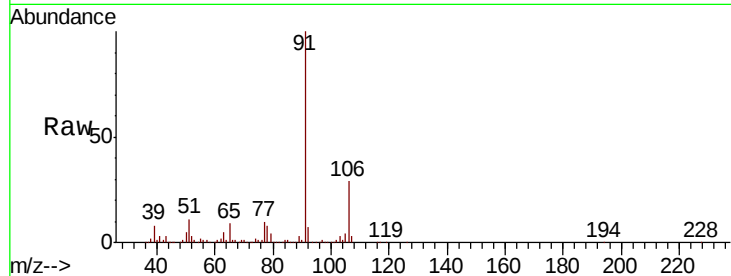
#58  
Ethyl Benzene  
Concen: 2.166 ppbv  
RT: 12.67 min Scan# 3075  
Delta R.T. -0.01 min  
Lab File: VL037029.D  
Acq: 20 May 2021 18:32

Instrument :  
MSVOA\_L  
ClientSampleId :  
KSV-02

Tot Ion: 91 Resp: 952183  
Ion Ratio Lower Upper  
91 100  
106 28.7 25.6 38.4

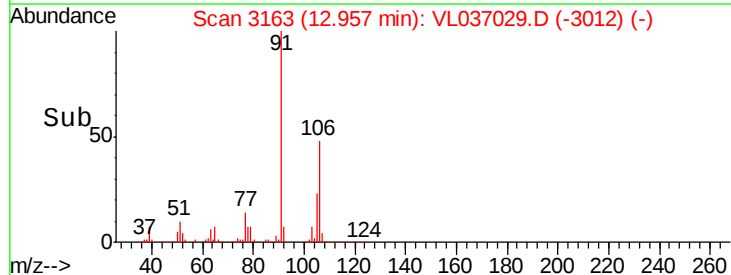
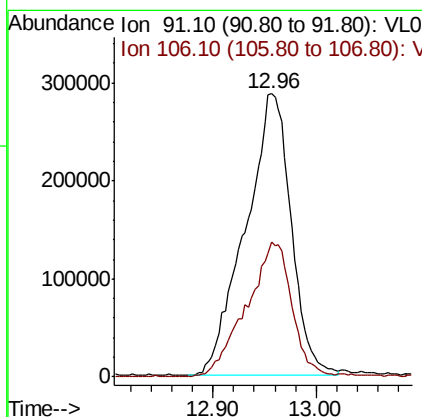
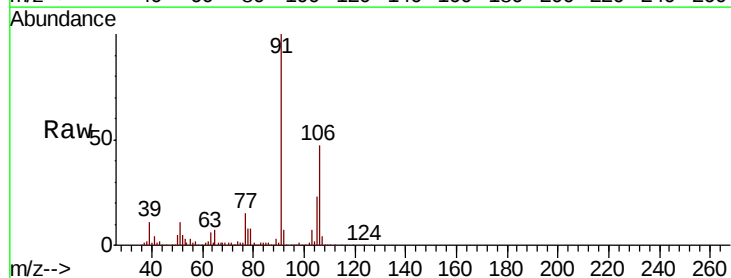
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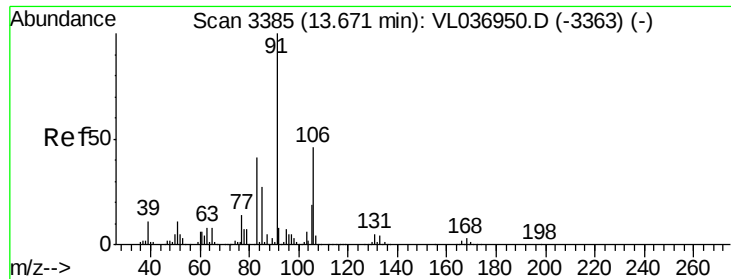
MMDadoda  
5/24/2021 3:27:05 PM



#59  
m/p-Xylene  
Concen: 2.434 ppbv  
RT: 12.96 min Scan# 3163  
Delta R.T. -0.02 min  
Lab File: VL037029.D  
Acq: 20 May 2021 18:32

Tgt Ion: 91 Resp: 884715  
Ion Ratio Lower Upper  
91 100  
106 48.0 37.4 56.2





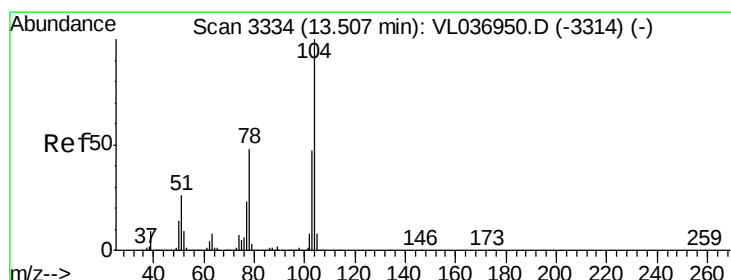
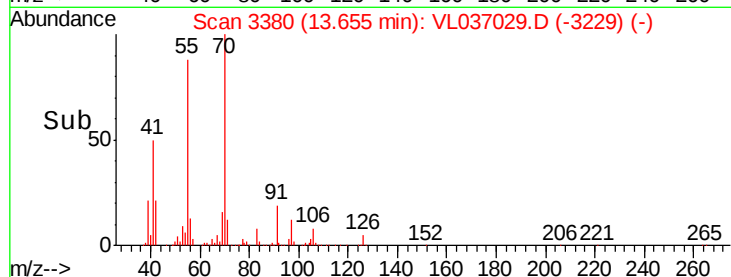
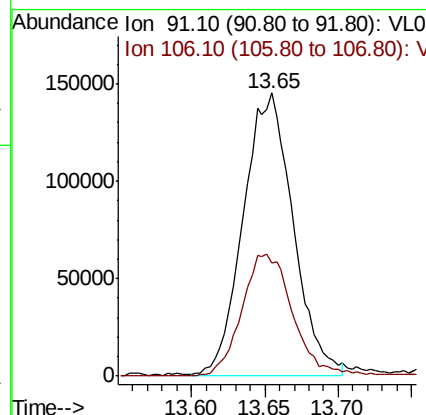
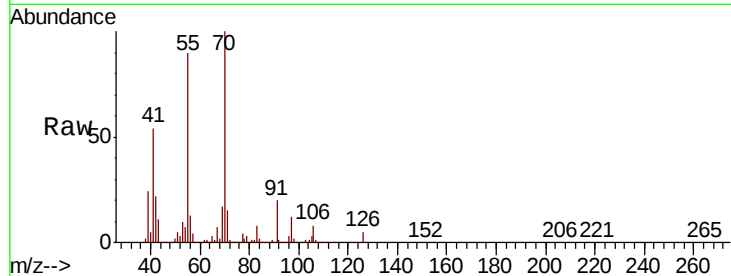
#60  
o-Xylene  
Concen: 0.991 ppbv m  
RT: 13.65 min Scan# 3380  
Delta R.T. -0.02 min  
Lab File: VL037029.D  
Acq: 20 May 2021 18:32

Instrument :  
MSVOA\_L  
ClientSampled :  
KSV-02

Tot Ion: 91 Resp: 343431  
Ion Ratio Lower Upper  
91 100  
106 45.0 23.4 70.3

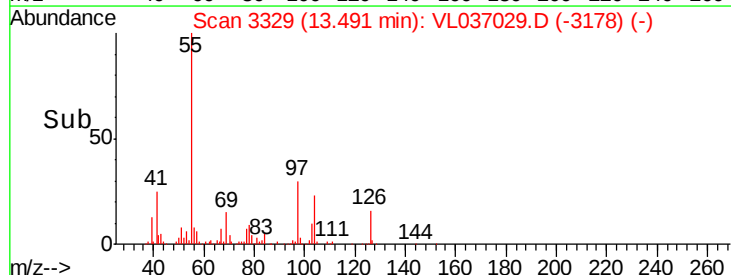
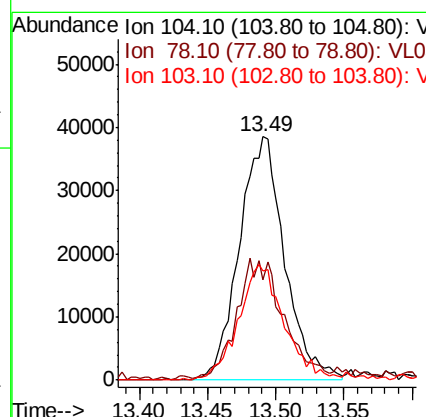
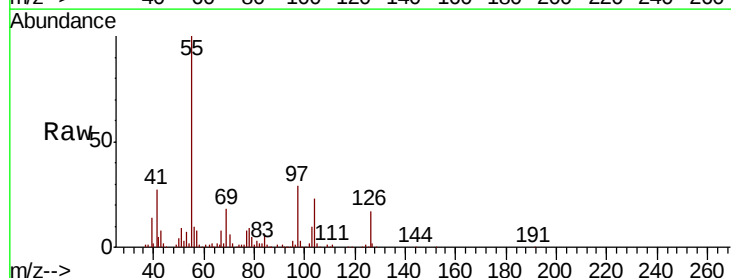
Manual Integrations  
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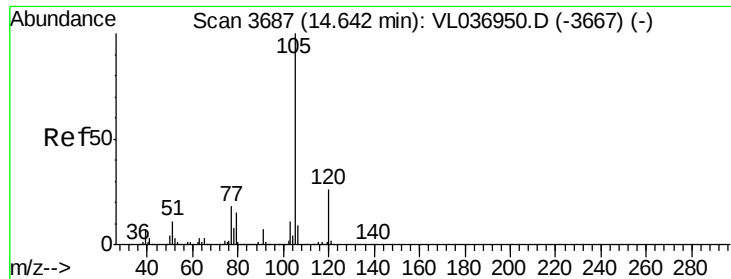
MMDadoda  
5/24/2021 3:27:05 PM



#61  
Styrene  
Concen: 0.455 ppbv  
RT: 13.49 min Scan# 3329  
Delta R.T. -0.02 min  
Lab File: VL037029.D  
Acq: 20 May 2021 18:32

Tgt Ion: 104 Resp: 88887  
Ion Ratio Lower Upper  
104 100  
78 56.1 39.0 58.6  
103 49.1 38.0 57.0





#62

Isopropylbenzene

Concen: 0.157 ppbv

RT: 14.63 min Scan# 3682

Delta R.T. -0.02 min

Lab File: VL037029.D

Acq: 20 May 2021 18:32

Instrument :

MSVOA\_L

ClientSampled :

KSV-02

Tot Ion:105 Resp: 78258

Ion Ratio Lower Upper

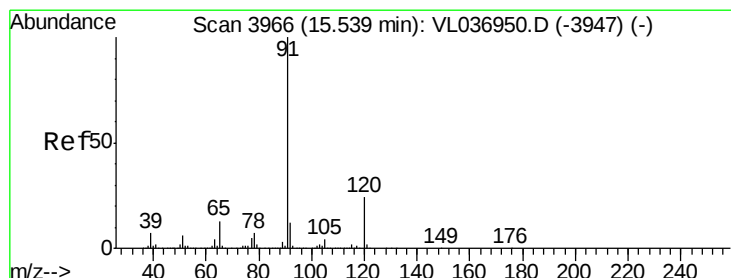
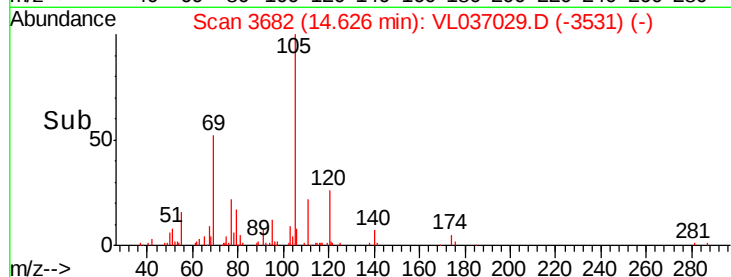
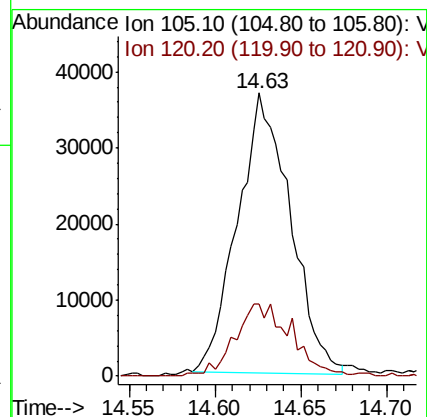
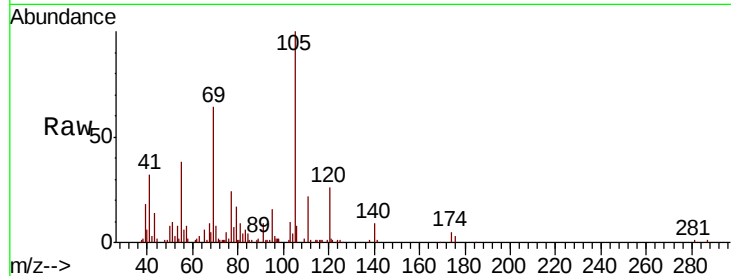
105 100

120 28.0 21.7 32.5

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#64

n-propylbenzene

Concen: 0.291 ppbv

RT: 15.53 min Scan# 3963

Delta R.T. -0.01 min

Lab File: VL037029.D

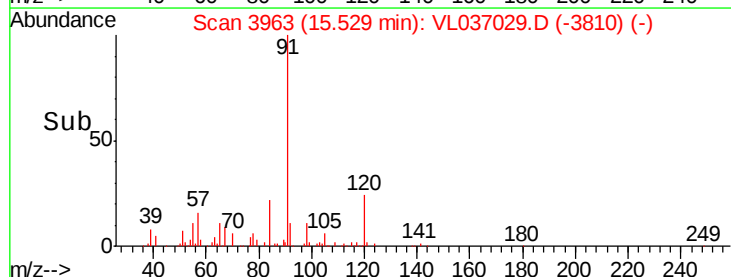
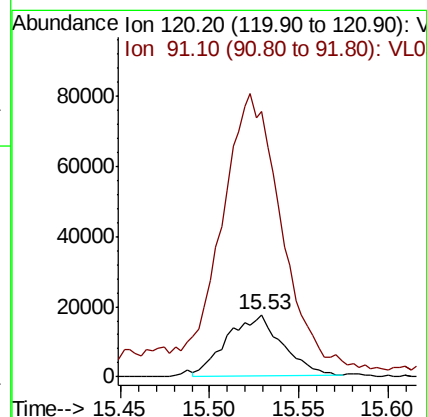
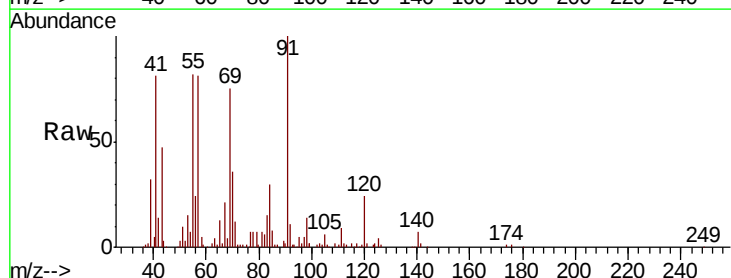
Acq: 20 May 2021 18:32

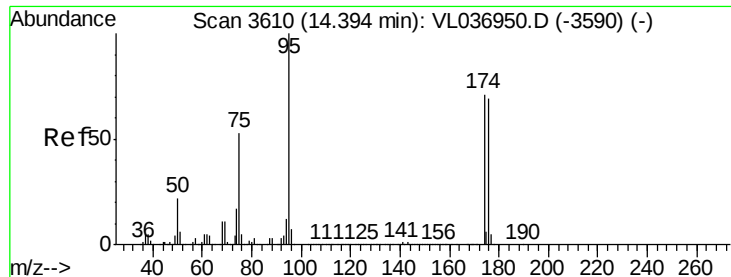
Tgt Ion:120 Resp: 37440

Ion Ratio Lower Upper

120 100

91 511.9 343.8 515.6





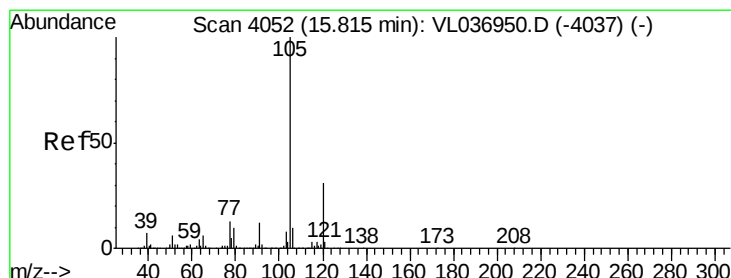
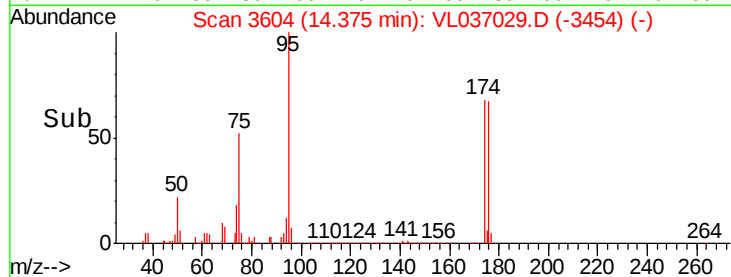
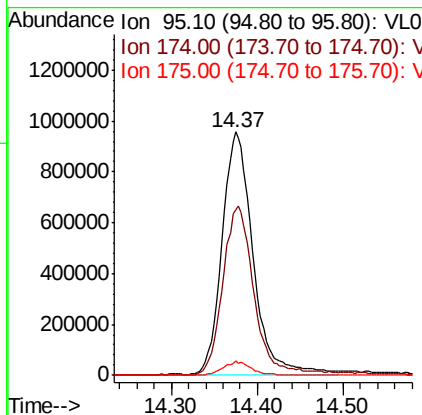
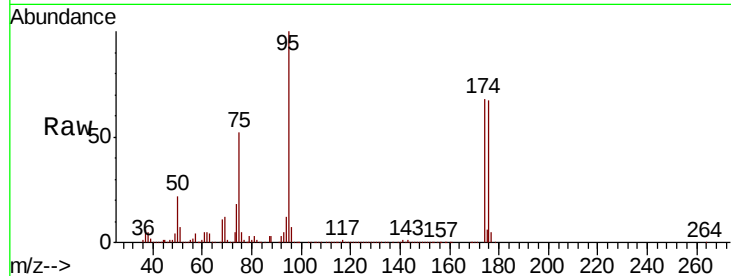
#68  
 1-Bromo-4-Fluorobenzene  
 Concen: 10.215 ppbv  
 RT: 14.37 min Scan# 3604  
 Delta R.T. -0.02 min  
 Lab File: VL037029.D  
 Acq: 20 May 2021 18:32

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 KSV-02

Tot Ion: 95 Resp: 2390514  
 Ion Ratio Lower Upper  
 95 100  
 174 72.4 58.4 87.6  
 175 5.4 4.4 6.6

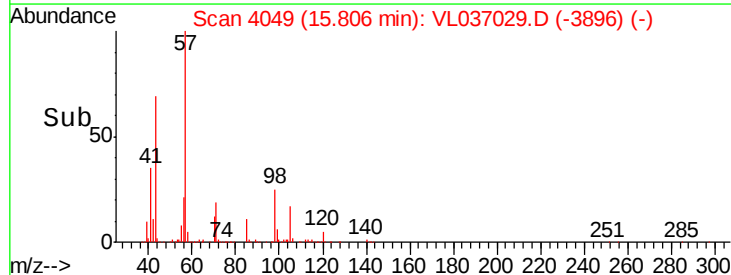
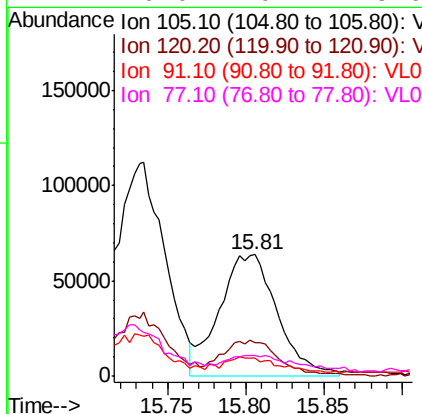
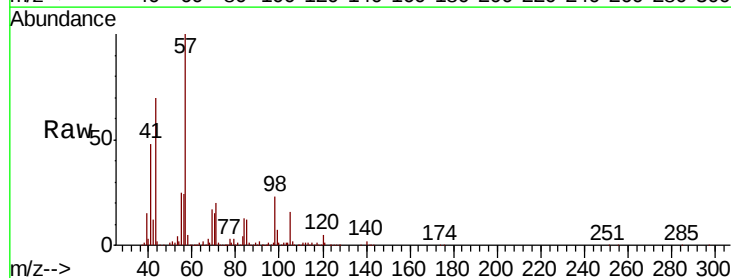
Manual Integrations  
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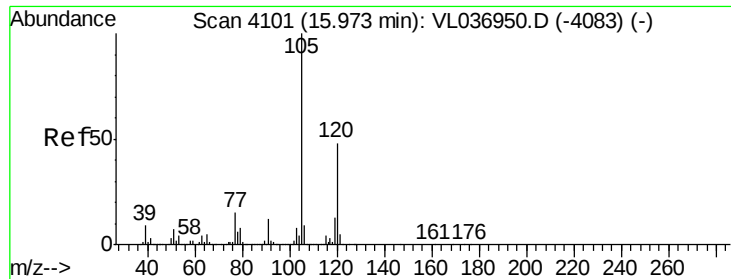
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#72  
 4-Ethyltoluene  
 Concen: 0.401 ppbv m  
 RT: 15.81 min Scan# 4049  
 Delta R.T. -0.01 min  
 Lab File: VL037029.D  
 Acq: 20 May 2021 18:32

Tgt Ion: 105 Resp: 164871  
 Ion Ratio Lower Upper  
 105 100  
 120 0.0 24.6 37.0#  
 91 13.0 9.8 14.6  
 77 0.0 10.4 15.6#





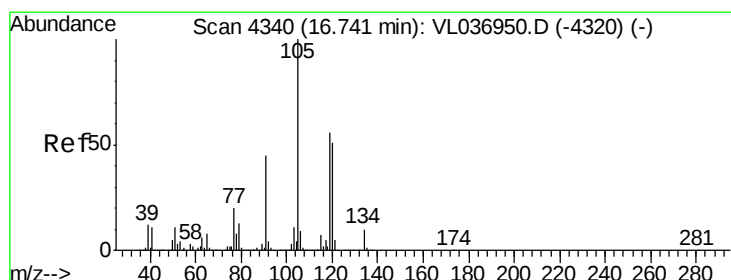
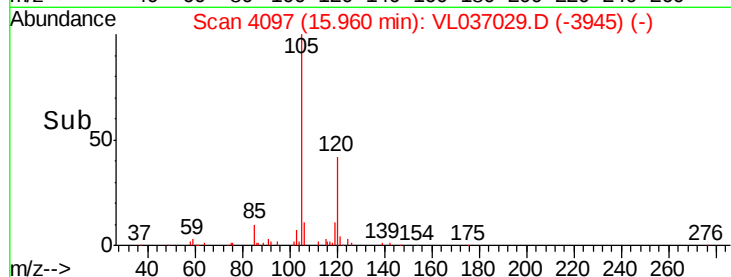
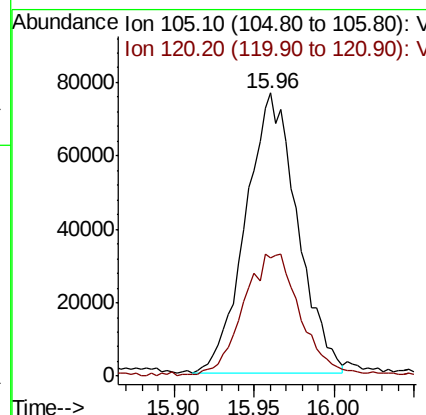
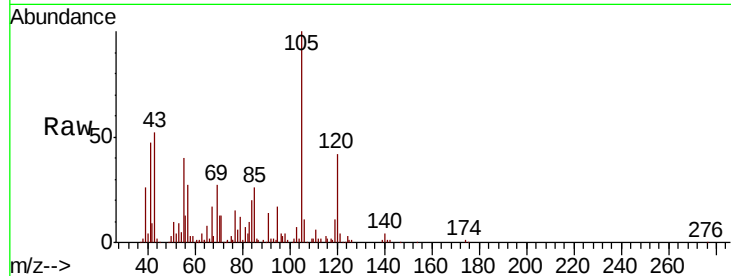
#73  
 1,3,5-Trimethylbenzene  
 Concen: 0.437 ppbv  
 RT: 15.96 min Scan# 4097  
 Delta R.T. -0.01 min  
 Lab File: VL037029.D  
 Acq: 20 May 2021 18:32

Instrument :  
 MSVOA\_L  
 ClientSampled :  
 KSV-02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 41.7  | 38.6  | 58.0  |

Manual Integrations  
 APPROVED

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#74  
 1,2,4-Trimethylbenzene  
 Concen: 0.798 ppbv m  
 RT: 16.73 min Scan# 4336  
 Delta R.T. -0.01 min  
 Lab File: VL037029.D  
 Acq: 20 May 2021 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 42.5  | 40.6  | 61.0  |
| 91      | 12.2  | 37.4  | 56.0# |
| 77      | 16.5  | 16.2  | 24.4  |

