

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\  
 Data File : VL036655.D  
 Acq On : 2 Apr 2021 21:41  
 Operator : SY/AP  
 Sample : M1853-04  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SOFF-SG-04

Manual Integrations  
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 4/5/2021 1:14:10 PM

Quant Time: Apr 04 16:51:09 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Thu Mar 2  
 QLast Update : Thu Mar 25 09:42:40 2021  
 Response via : Initial Calibration

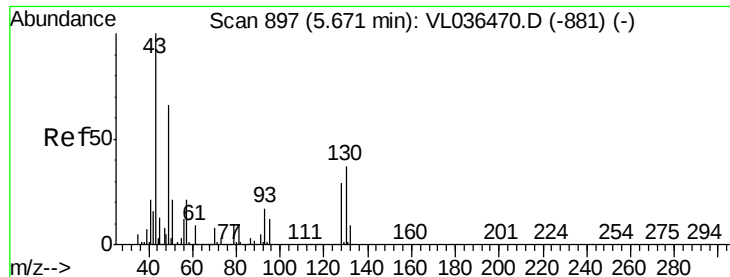
| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.65  | 49   | 1187591  | 10.00 | ppbv  | -0.02    |
| 33) 1,4-Difluorobenzene | 7.16  | 114  | 3117094  | 10.00 | ppbv  | -0.02    |
| 55) Chlorobenzene-d5    | 12.06 | 117  | 2791943  | 10.00 | ppbv  | -0.03    |

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| System Monitoring Compounds |        |       |          |          |      |        |
| 68) 1-Bromo-4-Fluorobenzene | 14.39  | 95    | 2211637  | 9.94     | ppbv | -0.03  |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 99.40% |

| Target Compounds           | R.T.  | QIon | Response | Conc    | Units  | Ovalue |
|----------------------------|-------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane | 3.03  | 85   | 41924    | 0.216   | ppbv   | 89     |
| 3) Chlorodifluoromethane   | 2.98  | 51   | 324597   | 1.463   | ppbv   | 96     |
| 4) Chloromethane           | 3.12  | 50   | 15984m   | 0.204   | ppbv   |        |
| 9) Propene                 | 3.01  | 41   | 23104m   | 0.327   | ppbv   |        |
| 10) Heptane                | 8.10  | 43   | 22517m   | 0.125   | ppbv   |        |
| 11) Trichlorofluoromethane | 3.94  | 101  | 38134m   | 0.193   | ppbv   |        |
| 13) Ethanol                | 3.60  | 45   | 2018089  | 239.578 | ppbv   | 93     |
| 15) Acetone                | 3.83  | 43   | 1308485  | 11.194  | ppbv   | 96     |
| 19) Isopropyl Alcohol      | 3.97  | 45   | 390119   | 6.067   | ppbv # | 1      |
| 20) Methylene Chloride     | 4.33  | 84   | 1728324  | 31.581  | ppbv   | 94     |
| 26) Hexane                 | 5.66  | 57   | 1441604  | 11.179  | ppbv # | 47     |
| 30) Cyclohexane            | 7.10  | 84   | 20441m   | 0.195   | ppbv   |        |
| 34) 2-Butanone             | 5.23  | 43   | 60326    | 0.396   | ppbv # | 81     |
| 35) Carbon Tetrachloride   | 6.99  | 117  | 10485m   | 0.044   | ppbv   |        |
| 36) Benzene                | 6.86  | 78   | 29873    | 0.104   | ppbv # | 93     |
| 41) Tetrahydrofuran        | 6.04  | 42   | 13040m   | 0.186   | ppbv   |        |
| 44) 2,2,4-Trimethylpentane | 7.85  | 57   | 70637m   | 0.140   | ppbv   |        |
| 52) Tetrachloroethene      | 11.20 | 164  | 4572m    | 0.043   | ppbv   |        |
| 53) Toluene                | 9.79  | 91   | 192591m  | 0.629   | ppbv   |        |
| 58) Ethyl Benzene          | 12.69 | 91   | 57638    | 0.142   | ppbv   | 91     |
| 59) m/p-Xylene             | 12.94 | 91   | 224507m  | 0.634   | ppbv   |        |
| 60) o-Xylene               | 13.67 | 91   | 82206    | 0.240   | ppbv   | 97     |
| 69) p-Isopropyltoluene     | 17.64 | 119  | 141606m  | 0.321   | ppbv   |        |
| 70) n-Butylbenzene         | 18.55 | 91   | 97224m   | 0.213   | ppbv   |        |
| 72) 4-Ethyltoluene         | 15.82 | 105  | 42465    | 0.113   | ppbv # | 95     |
| 73) 1,3,5-Trimethylbenzene | 15.98 | 105  | 35507m   | 0.101   | ppbv   |        |
| 74) 1,2,4-Trimethylbenzene | 16.74 | 105  | 128030   | 0.341   | ppbv # | 65     |

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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.02 min

Lab File: VL036655.D

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Instrument :

MSVOA\_L

ClientSampleId :

SOFF-SG-04

Tot Ion: 49 Resp: 1187591

Ion Ratio Lower Upper

49 100

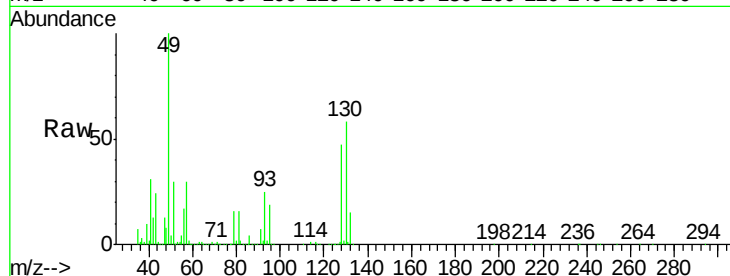
128 49.3 23.5 70.6

130 63.6 29.1 87.4

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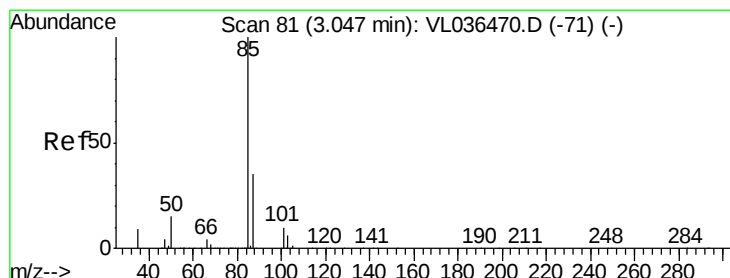
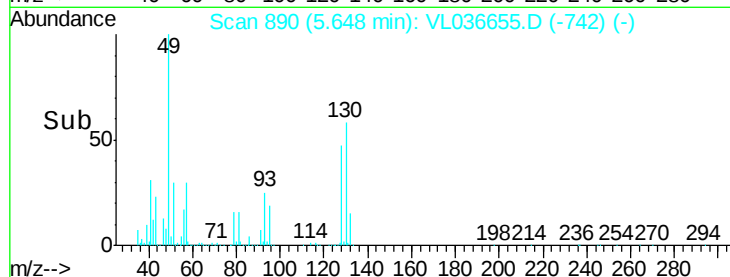
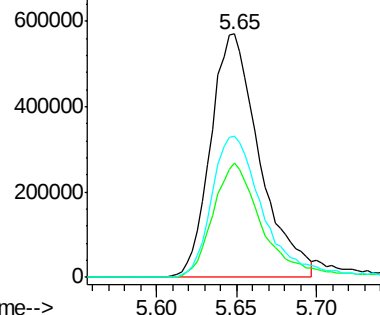
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.216 ppbv

RT: 3.03 min Scan# 77

Delta R.T. -0.01 min

Lab File: VL036655.D

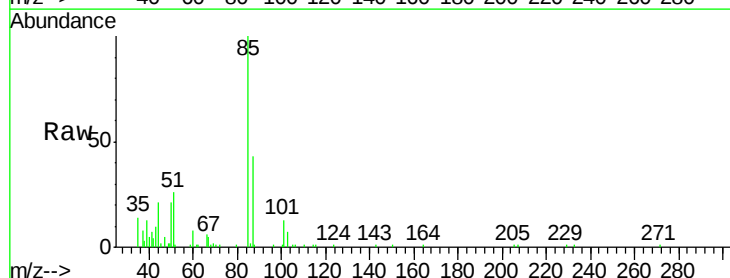
Acq: 2 Apr 2021 21:41

Tgt Ion: 85 Resp: 41924

Ion Ratio Lower Upper

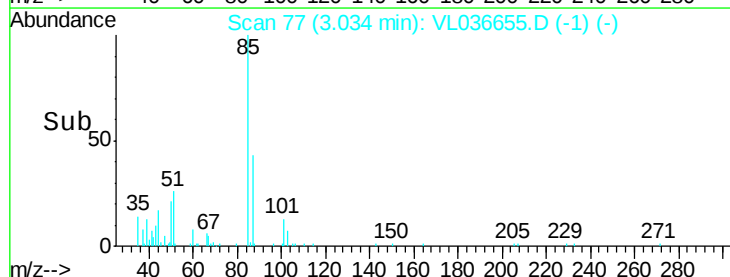
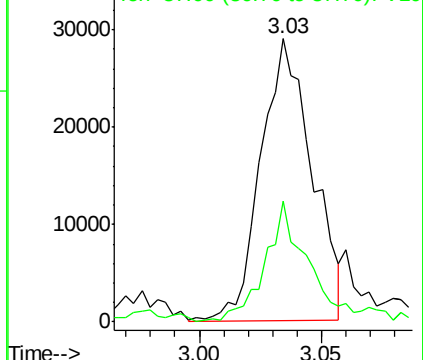
85 100

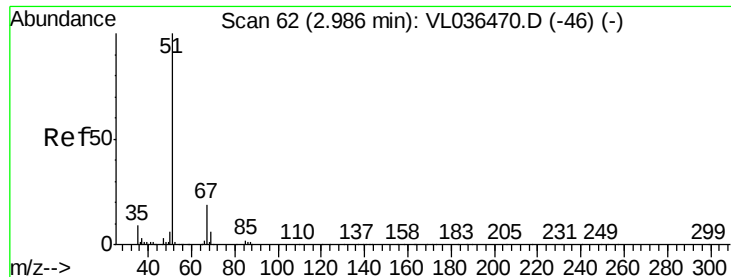
87 41.5 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





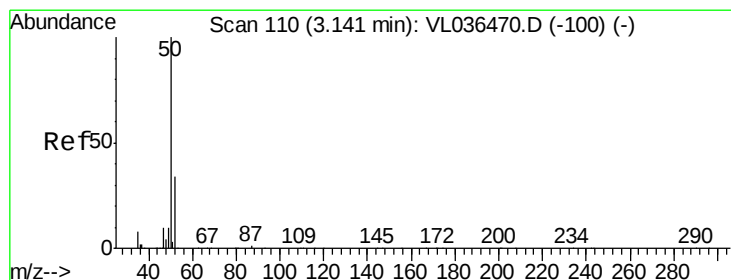
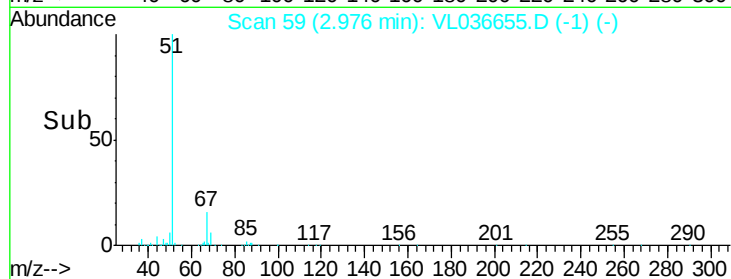
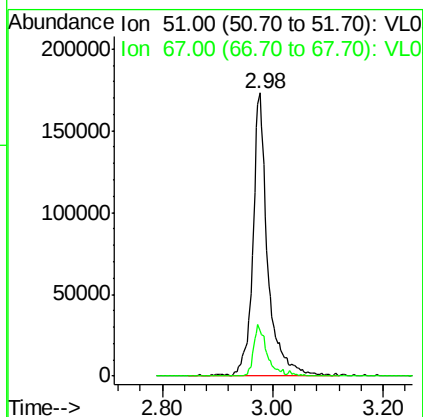
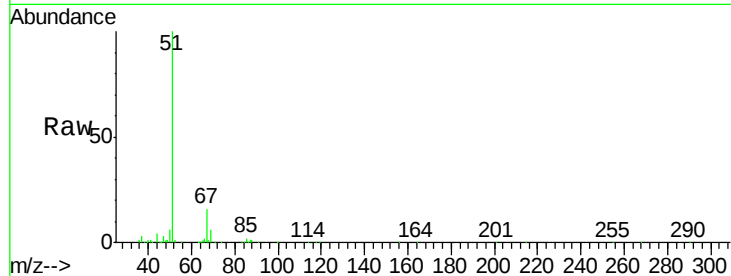
#3  
Chlorodifluoromethane  
Concen: 1.463 ppbv  
RT: 2.98 min Scan# 59  
Delta R.T. -0.01 min  
Lab File: VL036655.D  
Acq: 2 Apr 2021 21:41

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MSVOA\_L  
ClientSampleId :  
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Tot Ion: 51 Resp: 324597  
Ion Ratio Lower Upper  
51 100  
67 16.7 14.7 22.1

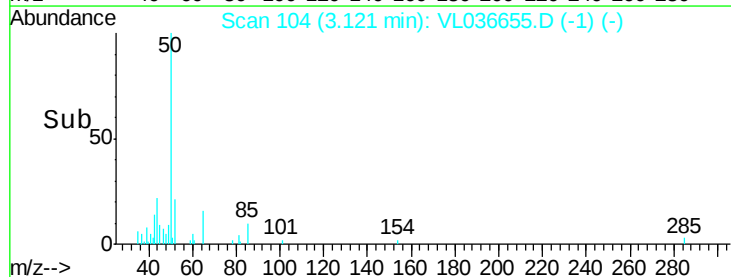
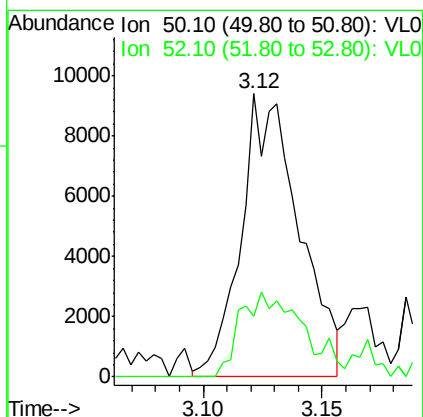
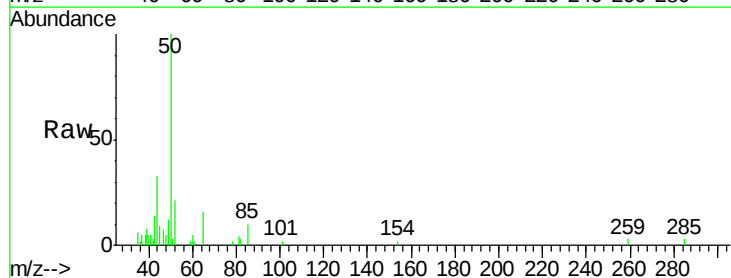
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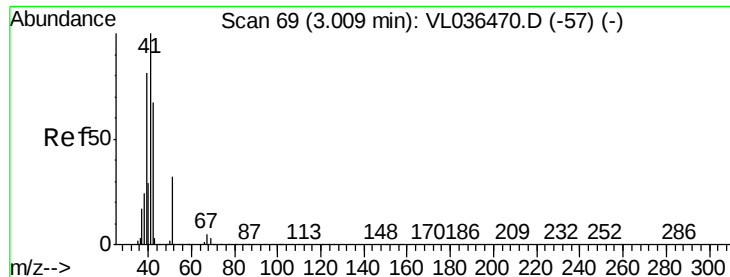
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#4  
Chloromethane  
Concen: 0.204 ppbv m  
RT: 3.12 min Scan# 104  
Delta R.T. -0.02 min  
Lab File: VL036655.D  
Acq: 2 Apr 2021 21:41

Tgt Ion: 50 Resp: 15984  
Ion Ratio Lower Upper  
50 100  
52 21.3 27.0 40.6#





#9

Propene

Concen: 0.327 ppbv m

RT: 3.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VL036655.D

Acq: 2 Apr 2021 21:41

Instrument :

MSVOA\_L

ClientSampleId :

SOFF-SG-04

Tot Ion: 41 Resp: 23104

Ion Ratio Lower Upper

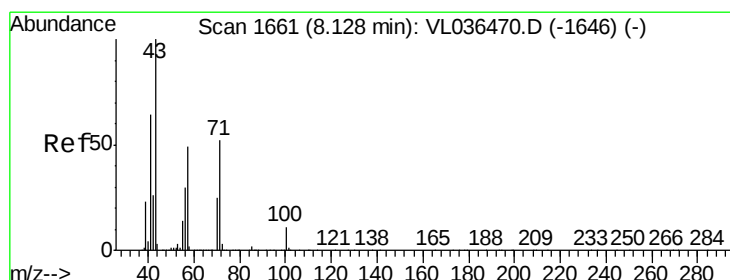
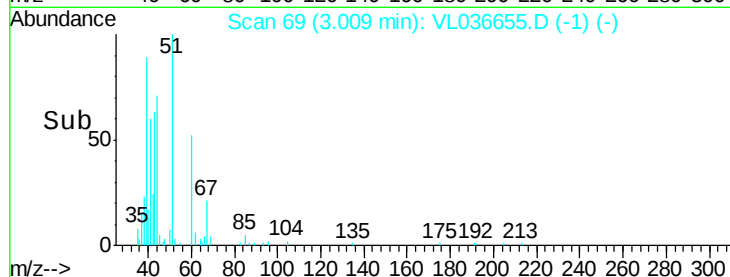
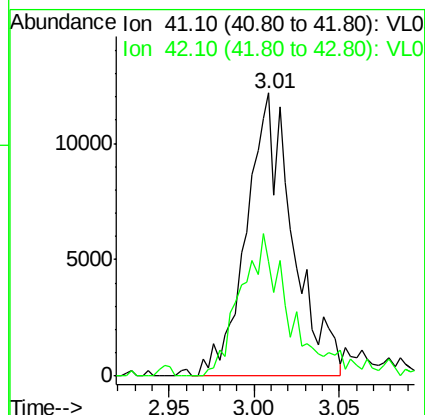
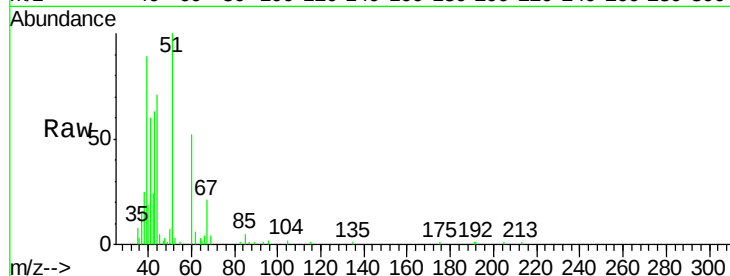
41 100

42 55.9 57.0 85.4#

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#10

Heptane

Concen: 0.125 ppbv m

RT: 8.10 min Scan# 1652

Delta R.T. -0.03 min

Lab File: VL036655.D

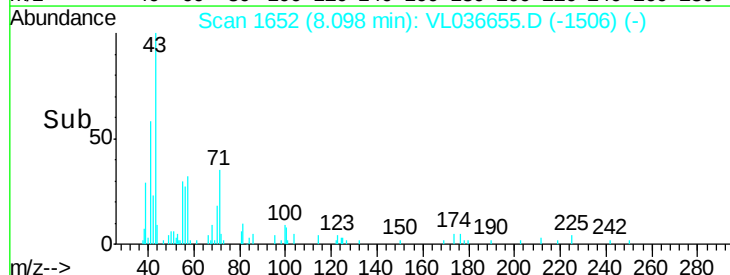
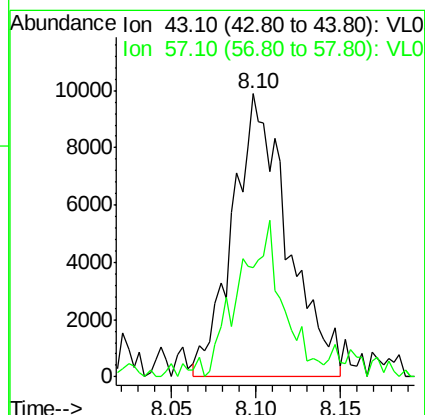
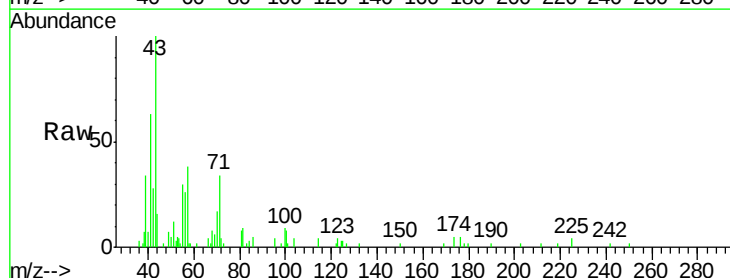
Acq: 2 Apr 2021 21:41

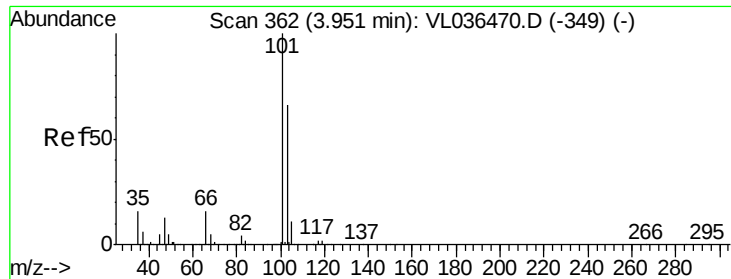
Tgt Ion: 43 Resp: 22517

Ion Ratio Lower Upper

43 100

57 0.0 39.0 58.6#





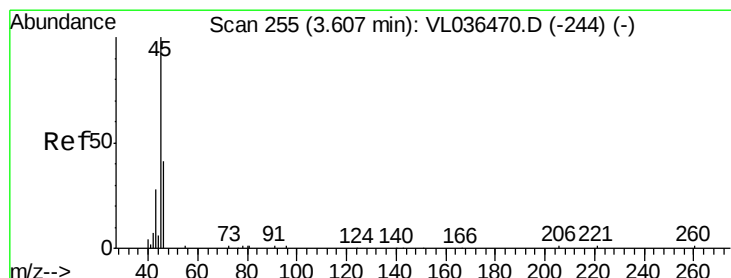
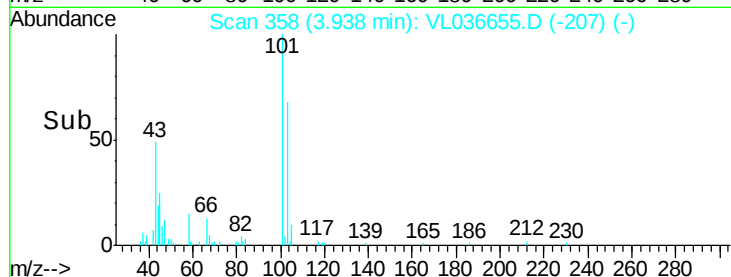
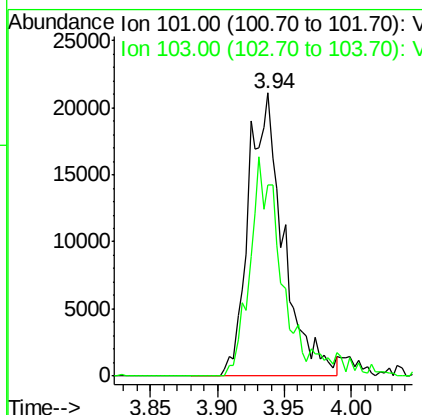
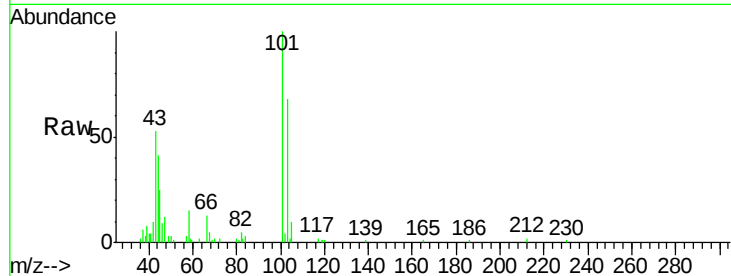
#11  
 Trichlorofluoromethane  
 Concen: 0.193 ppbv m  
 RT: 3.94 min Scan# 358  
 Delta R.T. -0.01 min  
 Lab File: VL036655.D  
 Acq: 2 Apr 2021 21:41

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SOFF-SG-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 67.7  | 52.5  | 78.7  |

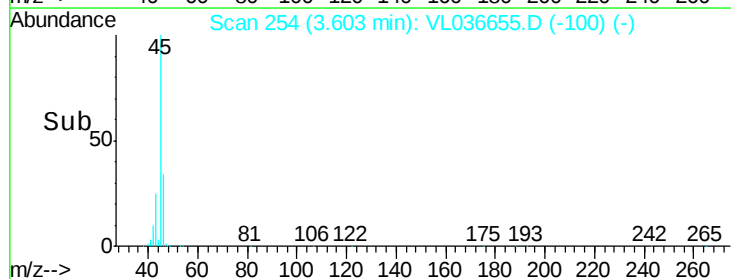
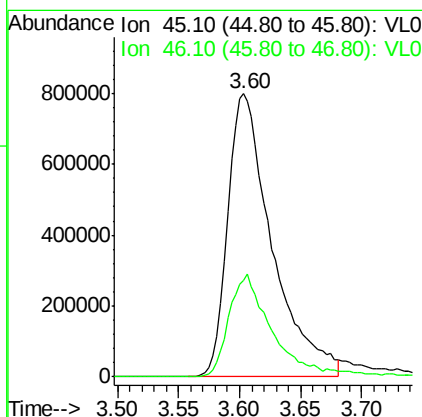
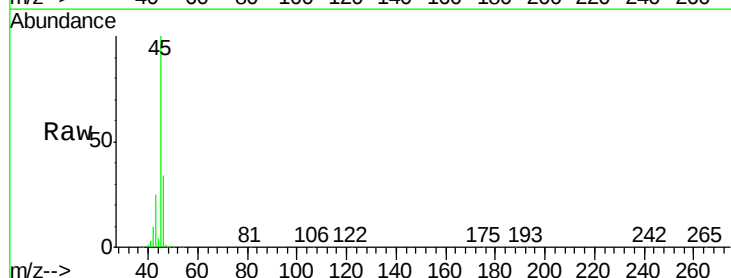
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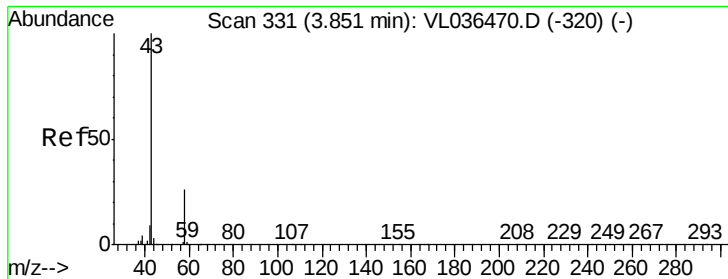
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#13  
 Ethanol  
 Concen: 239.578 ppbv  
 RT: 3.60 min Scan# 254  
 Delta R.T. -0.00 min  
 Lab File: VL036655.D  
 Acq: 2 Apr 2021 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 46      | 37.1  | 16.6  | 66.2  |





#15

Acetone

Concen: 11.194 ppbv

RT: 3.83 min Scan# 326

Delta R.T. -0.02 min

Lab File: VL036655.D

Acq: 2 Apr 2021 21:41

Instrument :

MSVOA\_L

ClientSampleId :

SOFF-SG-04

Tot Ion: 43 Resp: 1308485

Ion Ratio Lower Upper

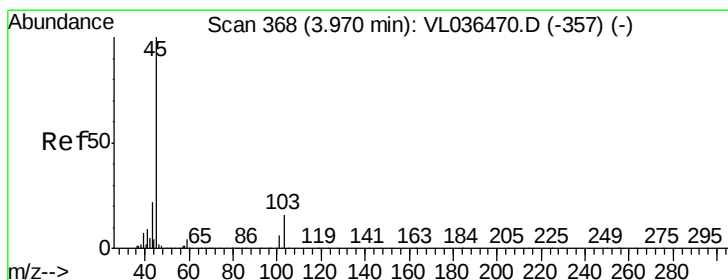
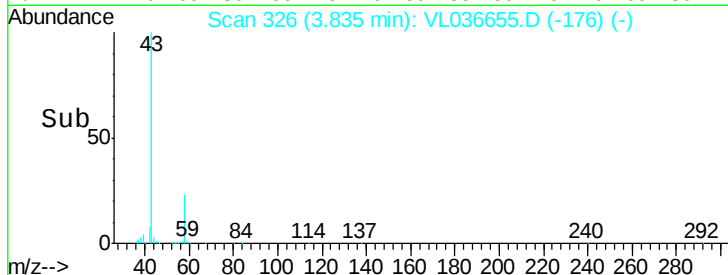
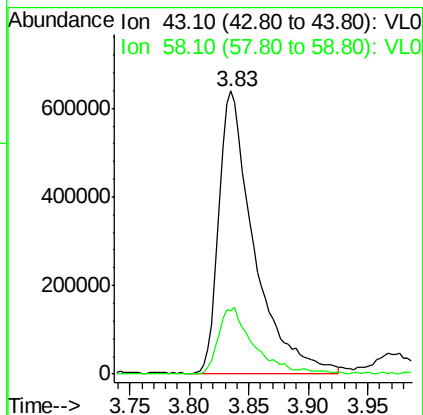
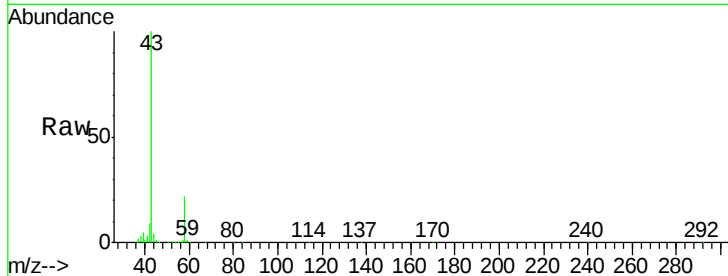
43 100

58 24.2 21.2 31.8

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#19

Isopropyl Alcohol

Concen: 6.067 ppbv

RT: 3.97 min Scan# 367

Delta R.T. -0.00 min

Lab File: VL036655.D

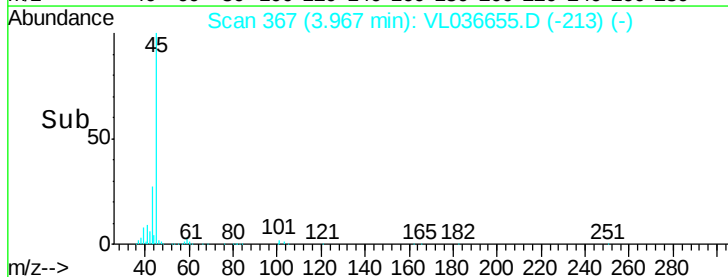
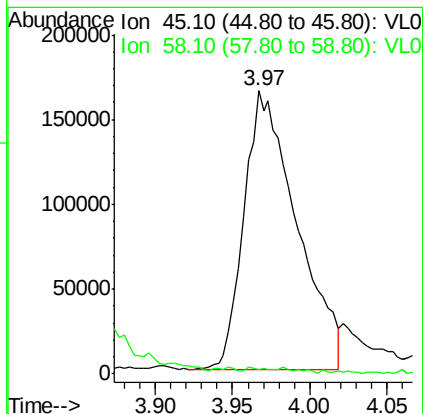
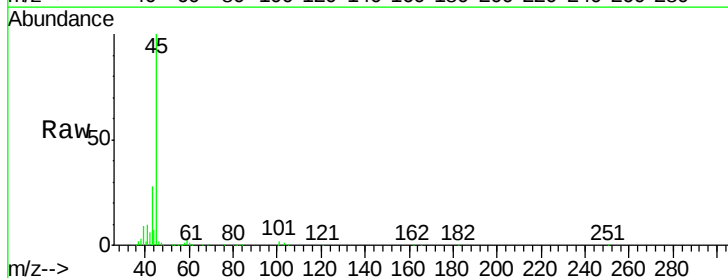
Acq: 2 Apr 2021 21:41

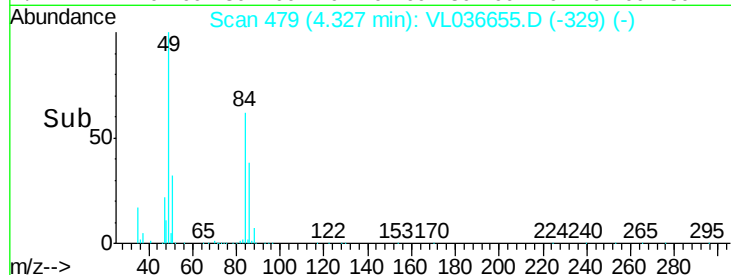
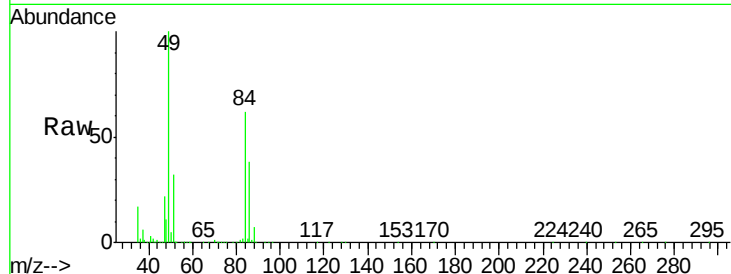
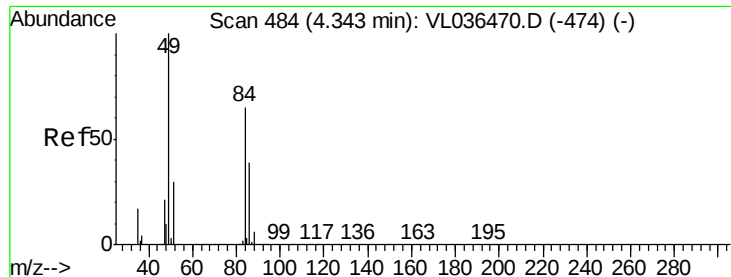
Tgt Ion: 45 Resp: 390119

Ion Ratio Lower Upper

45 100

58 81.8 2.9 4.3#





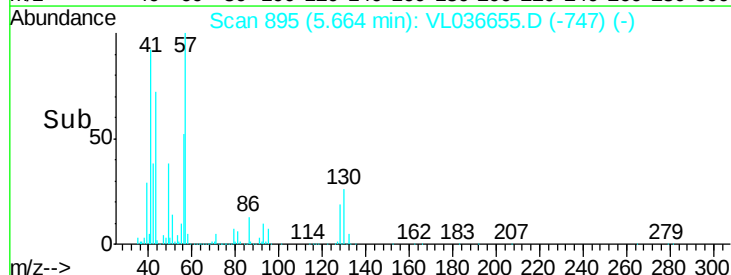
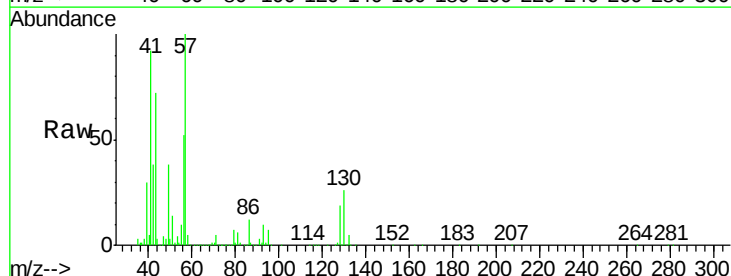
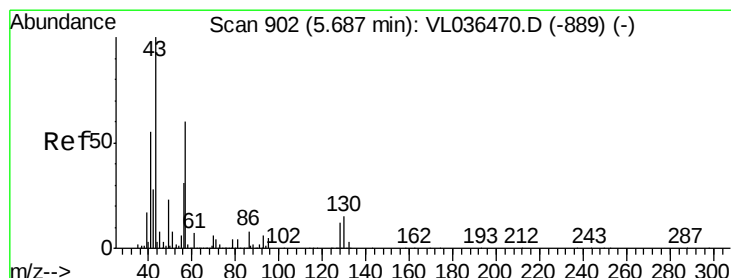
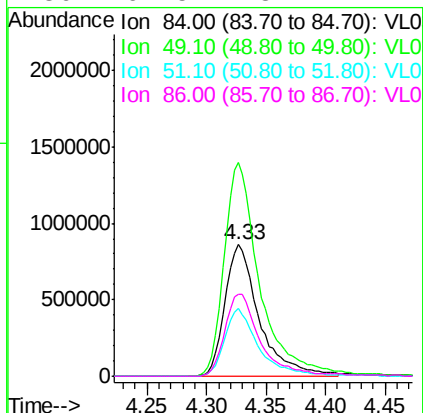
#20  
Methvlene Chloride  
Concen: 31.581 ppbv  
RT: 4.33 min Scan# 479  
Delta R.T. -0.02 min  
Lab File: VL036655.D  
Acq: 2 Apr 2021 21:41

| Tot Ion: | 84    | Resp: | 1728324 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 84       | 100   |       |         |
| 49       | 162.4 | 122.9 | 184.3   |
| 51       | 51.7  | 36.9  | 55.3    |
| 86       | 62.5  | 48.2  | 72.4    |

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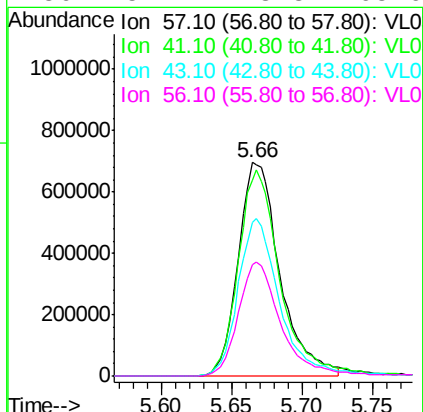
Manual Integrations  
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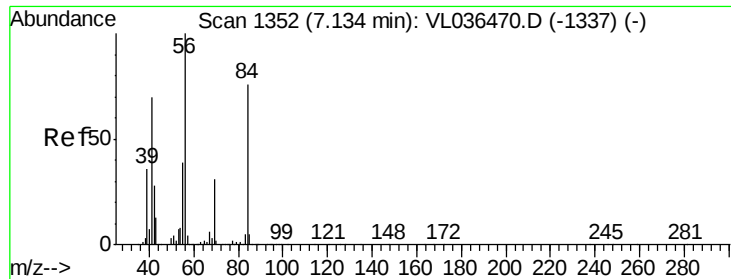
apatel  
4/5/2021 1:14:10 PM



#26  
Hexane  
Concen: 11.179 ppbv  
RT: 5.66 min Scan# 895  
Delta R.T. -0.02 min  
Lab File: VL036655.D  
Acq: 2 Apr 2021 21:41

| Tgt Ion: | 57    | Resp: | 1441604 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 57       | 100   |       |         |
| 41       | 98.5  | 77.2  | 115.8   |
| 43       | 74.4  | 173.8 | 260.6#  |
| 56       | 54.7  | 43.8  | 65.6    |





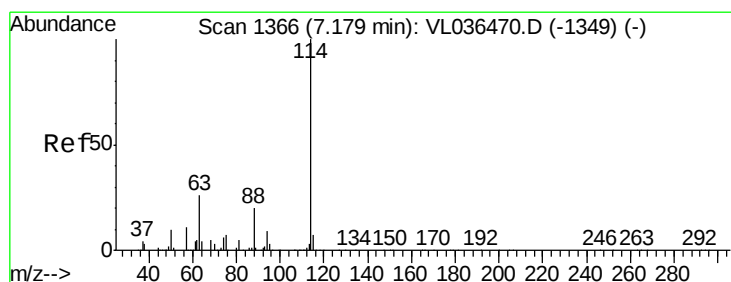
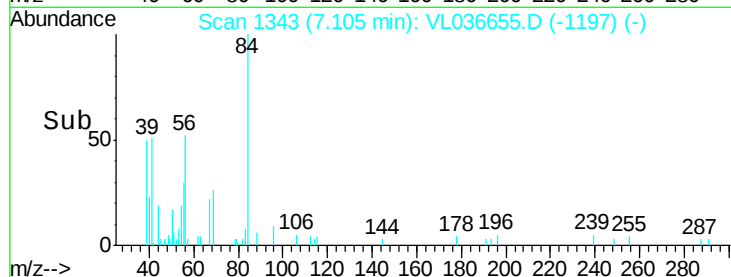
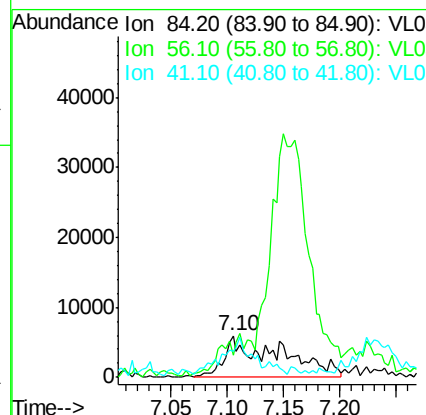
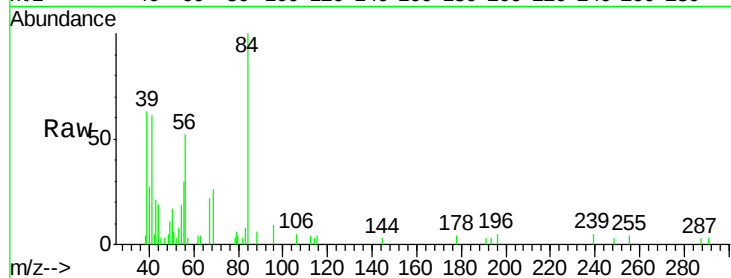
#30  
Cyclohexane  
Concen: 0.195 ppbv m  
RT: 7.10 min Scan# 1343  
Delta R.T. -0.03 min  
Lab File: VL036655.D  
Acq: 2 Apr 2021 21:41

Instrument :  
MSVOA\_L  
ClientSampleId :  
SOFF-SG-04

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 84      | 100   |       |        |
| 56      | 0.0   | 114.6 | 171.8# |
| 41      | 0.0   | 75.3  | 112.9# |

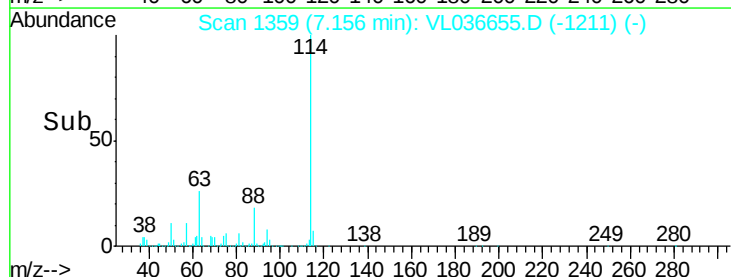
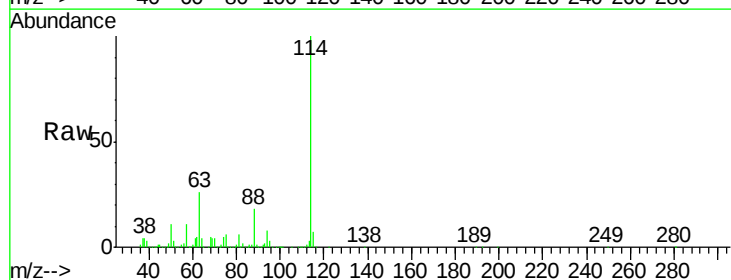
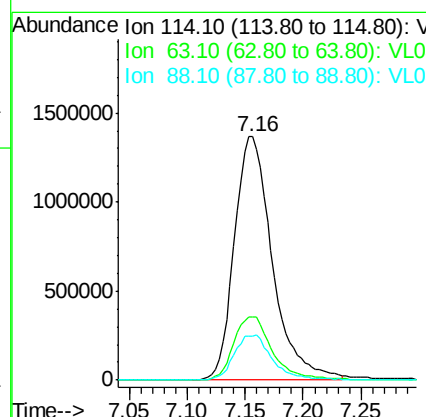
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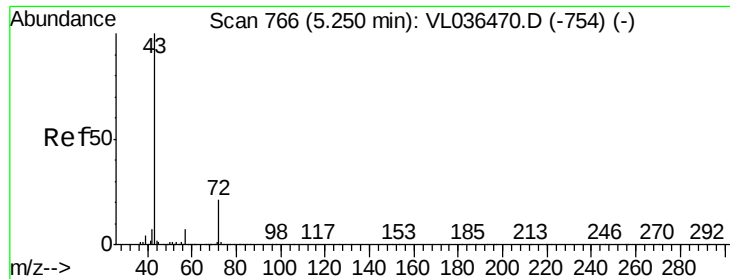
apatel  
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#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 7.16 min Scan# 1359  
Delta R.T. -0.02 min  
Lab File: VL036655.D  
Acq: 2 Apr 2021 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 27.0  | 22.4  | 33.6  |
| 88      | 18.8  | 15.4  | 23.0  |





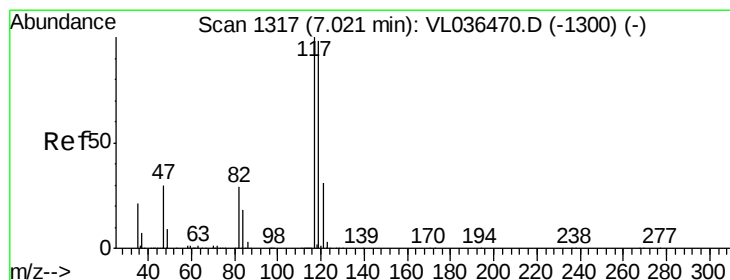
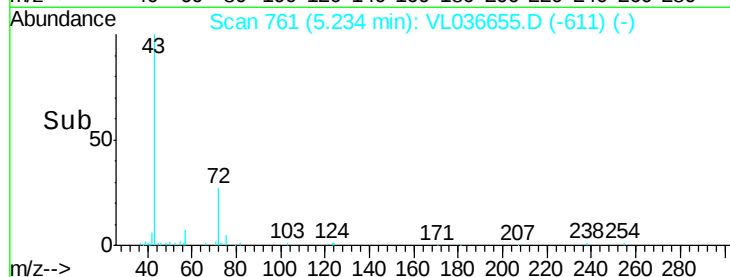
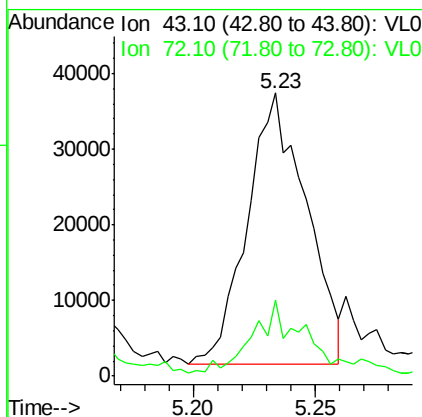
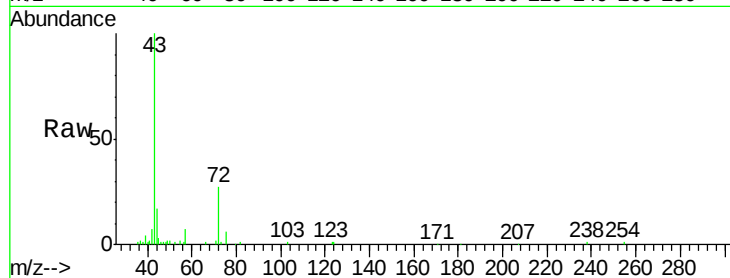
#34  
2-Butanone  
Concen: 0.396 ppbv  
RT: 5.23 min Scan# 761  
Delta R.T. -0.02 min  
Lab File: VL036655.D  
Acq: 2 Apr 2021 21:41

Instrument :  
MSVOA\_L  
ClientSampleId :  
SOFF-SG-04

Tot Ion: 43 Resp: 60326  
Ion Ratio Lower Upper  
43 100  
72 30.1 17.0 25.6#

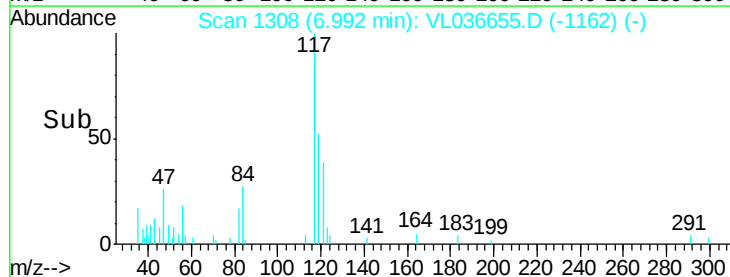
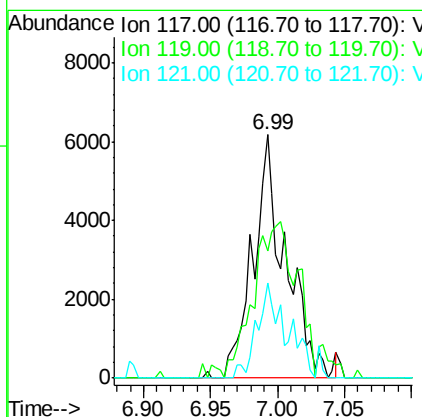
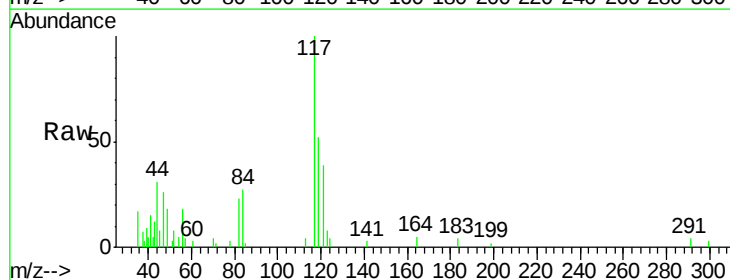
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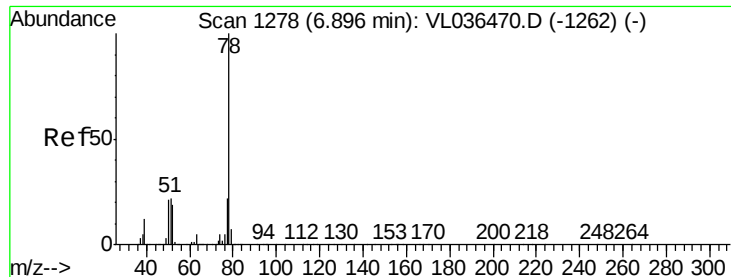
apatel  
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#35  
Carbon Tetrachloride  
Concen: 0.044 ppbv m  
RT: 6.99 min Scan# 1308  
Delta R.T. -0.03 min  
Lab File: VL036655.D  
Acq: 2 Apr 2021 21:41

Tgt Ion: 117 Resp: 10485  
Ion Ratio Lower Upper  
117 100  
119 52.4 78.2 117.2#  
121 39.0 24.5 36.7#





#36

Benzene

Concen: 0.104 ppbv

RT: 6.86 min Scan# 1268

Delta R.T. -0.03 min

Lab File: VL036655.D

Acq: 2 Apr 2021 21:41

Instrument :

MSVOA\_L

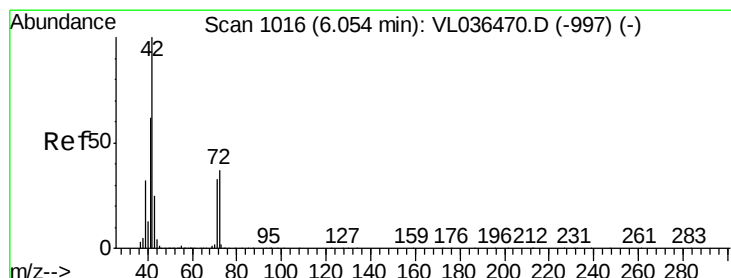
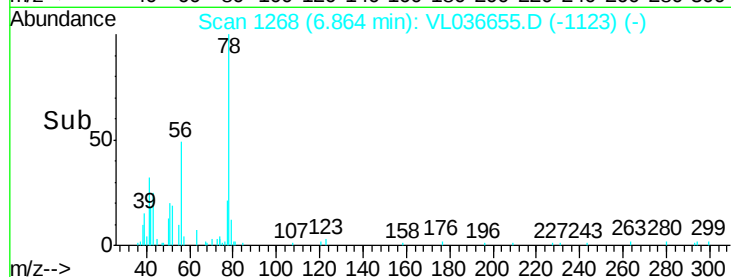
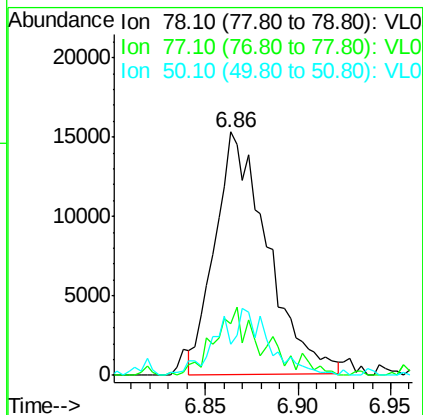
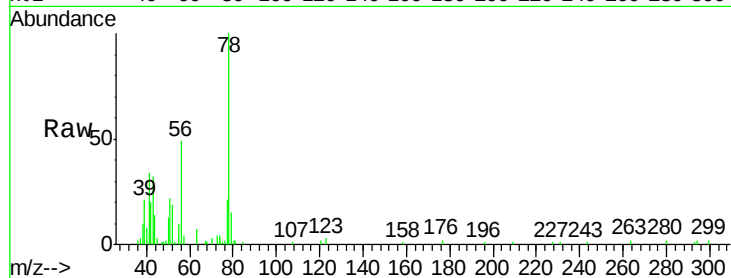
ClientSampleId :

SOFF-SG-04

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 78    | Resp: | 29873 |
| Ion      | Ratio | Lower | Upper |
| 78       | 100   |       |       |
| 77       | 22.3  | 18.0  | 27.0  |
| 50       | 13.6  | 16.5  | 24.7# |

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#41

Tetrahydrofuran

Concen: 0.186 ppbv m

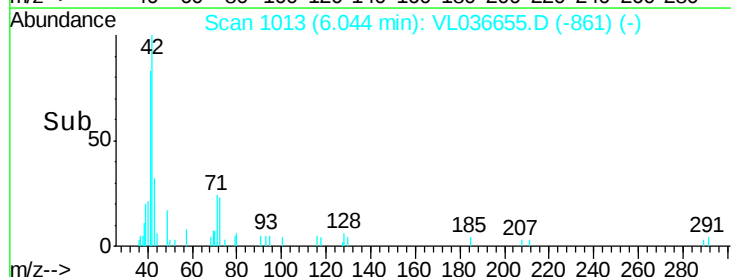
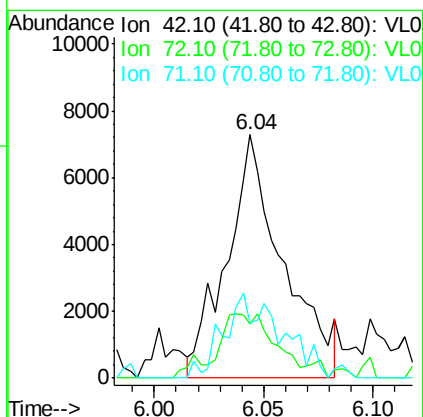
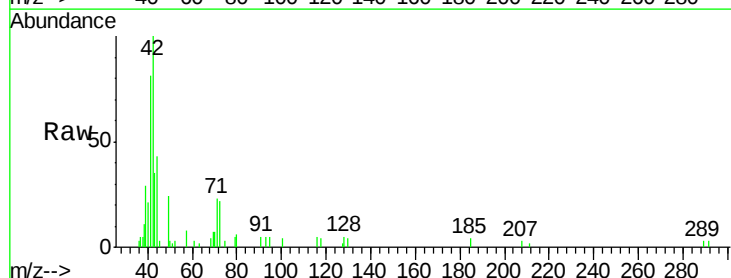
RT: 6.04 min Scan# 1013

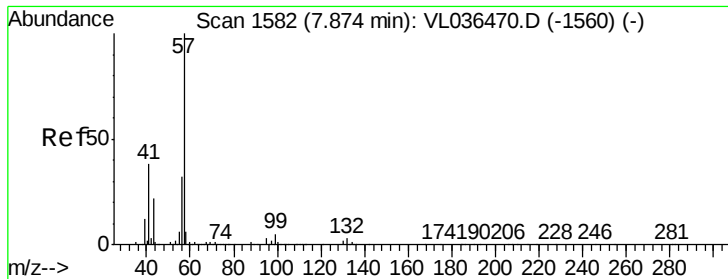
Delta R.T. -0.01 min

Lab File: VL036655.D

Acq: 2 Apr 2021 21:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 13040 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 31.6  | 27.6  | 41.4  |
| 71       | 36.3  | 27.0  | 40.4  |





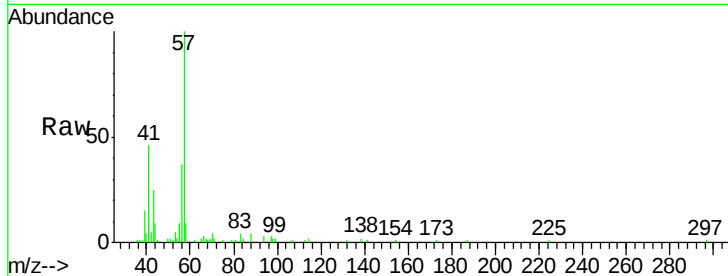
#44  
2,2,4-Trimethylpentane  
Concen: 0.140 ppbv m  
RT: 7.85 min Scan# 1574  
Delta R.T. -0.03 min  
Lab File: VL036655.D  
Acq: 2 Apr 2021 21:41

Instrument :  
MSVOA\_L  
ClientSampleId :  
SOFF-SG-04

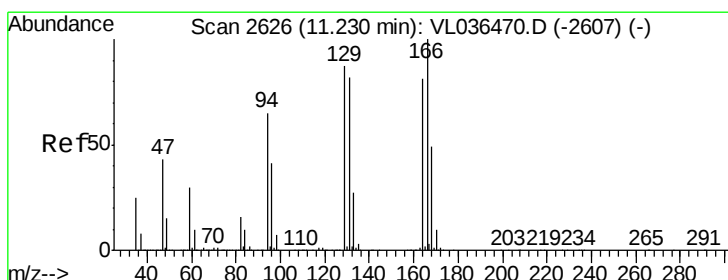
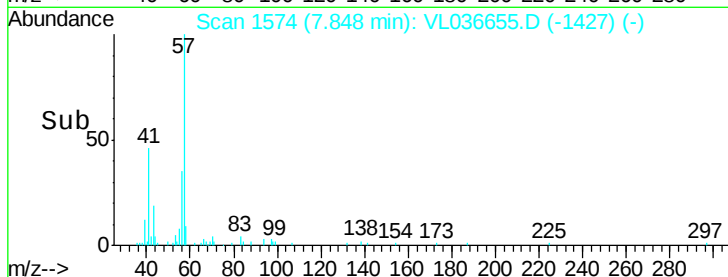
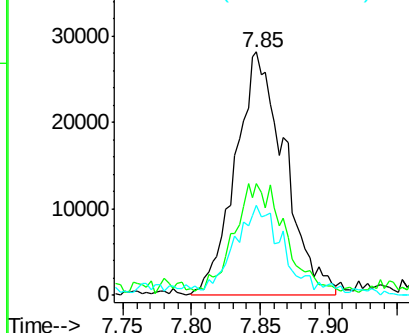
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 57      | 100   |       |       |
| 41      | 49.1  | 28.8  | 43.2# |
| 56      | 39.8  | 26.1  | 39.1# |

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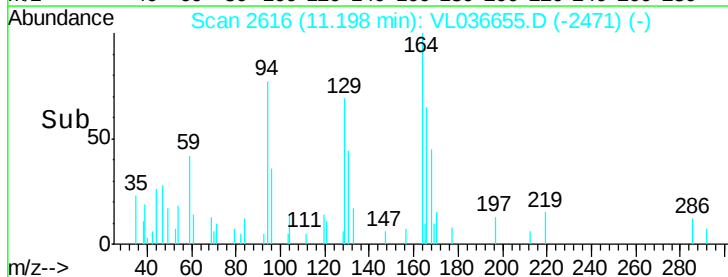
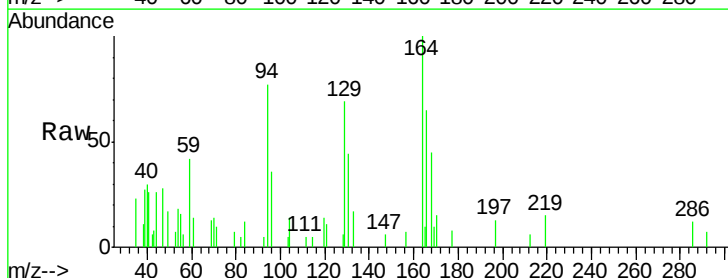
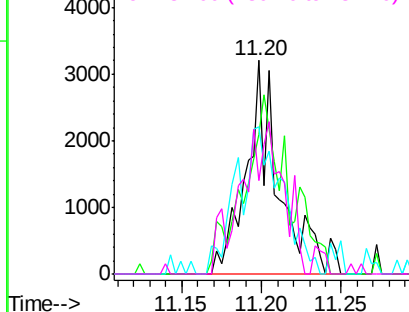
Abundance Ion 57.10 (56.80 to 57.80): VL0  
Ion 41.10 (40.80 to 41.80): VL0  
Ion 56.10 (55.80 to 56.80): VL0

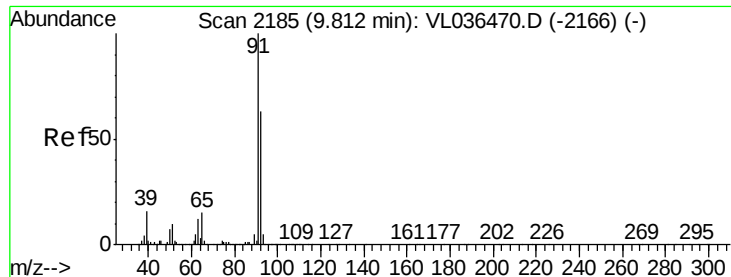


#52  
Tetrachloroethene  
Concen: 0.043 ppbv m  
RT: 11.20 min Scan# 2616  
Delta R.T. -0.03 min  
Lab File: VL036655.D  
Acq: 2 Apr 2021 21:41

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 164     | 100   |       |        |
| 166     | 65.2  | 98.3  | 147.5# |
| 129     | 68.7  | 85.8  | 128.8# |
| 131     | 43.7  | 80.9  | 121.3# |

Abundance Ion 163.90 (163.60 to 164.60): V  
Ion 165.90 (165.60 to 166.60): V  
Ion 129.00 (128.70 to 129.70): V  
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

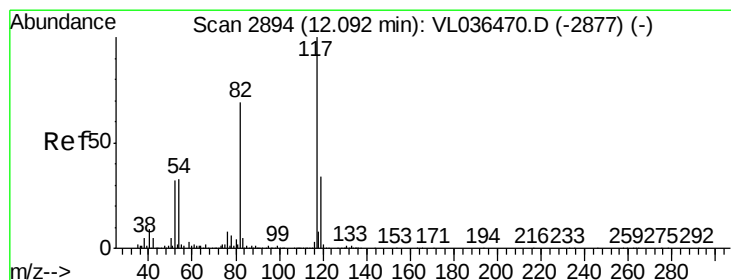
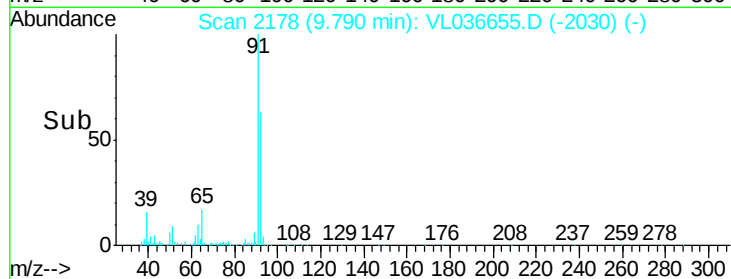
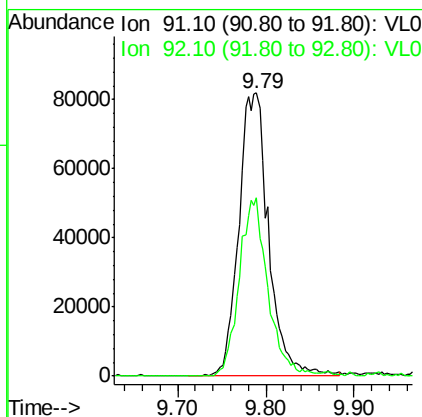
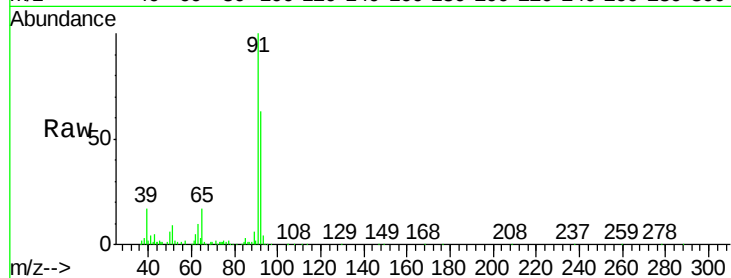
Concen: 0.629 ppbv m  
RT: 9.79 min Scan# 2178  
Delta R.T. -0.02 min  
Lab File: VL036655.D  
Acq: 2 Apr 2021 21:41

Instrument :  
MSVOA\_L  
ClientSampleId :  
SOFF-SG-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 0.0   | 48.8  | 73.2# |

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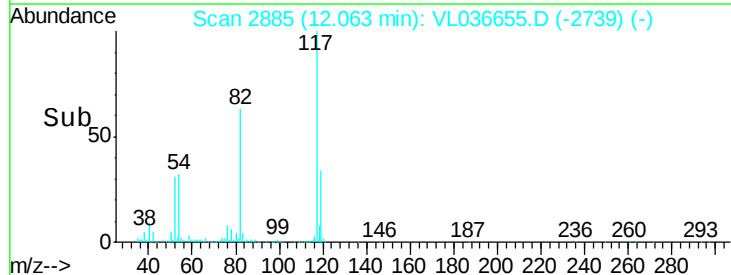
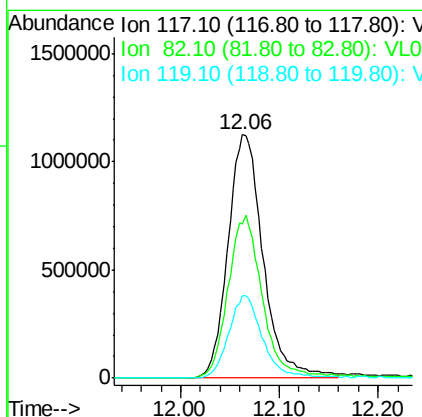
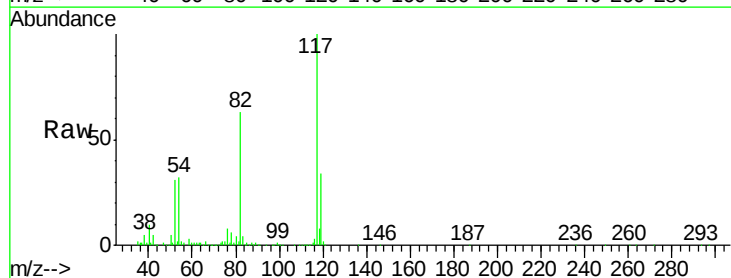


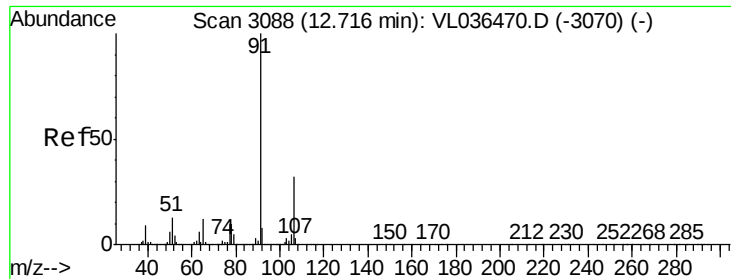
#55

Chlorobenzene-d5

Concen: 10.000 ppbv  
RT: 12.06 min Scan# 2885  
Delta R.T. -0.03 min  
Lab File: VL036655.D  
Acq: 2 Apr 2021 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 66.4  | 57.4  | 86.0  |
| 119     | 32.8  | 47.4  | 71.0# |





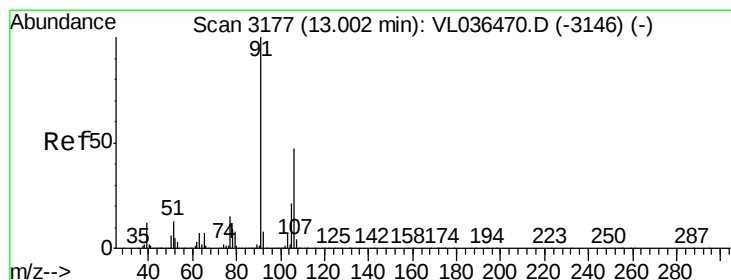
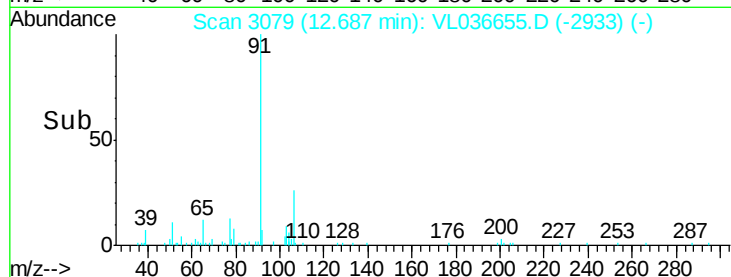
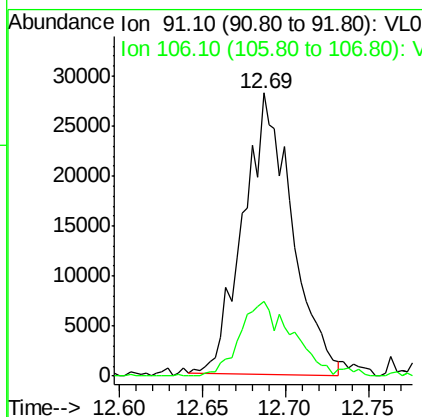
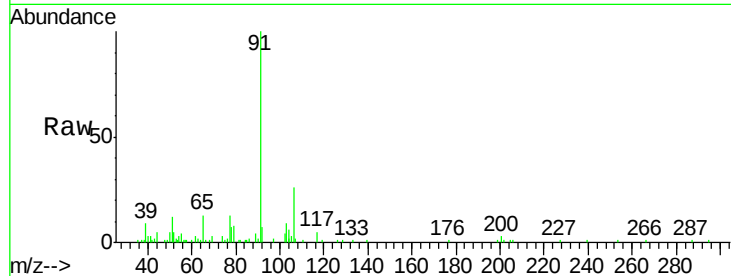
#58  
Ethyl Benzene  
Concen: 0.142 ppbv  
RT: 12.69 min Scan# 3079  
Delta R.T. -0.03 min  
Lab File: VL036655.D  
Acq: 2 Apr 2021 21:41

Instrument :  
MSVOA\_L  
ClientSampled :  
SOFF-SG-04

Tot Ion: 91 Resp: 57638  
Ion Ratio Lower Upper  
91 100  
106 26.6 25.3 37.9

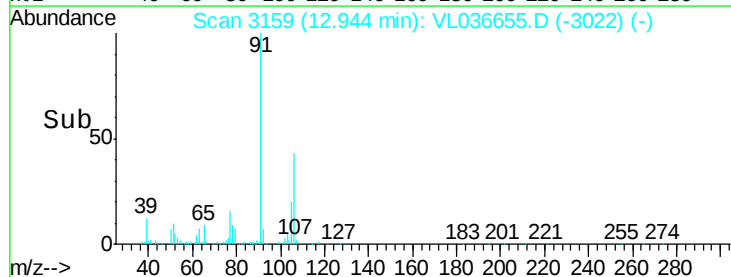
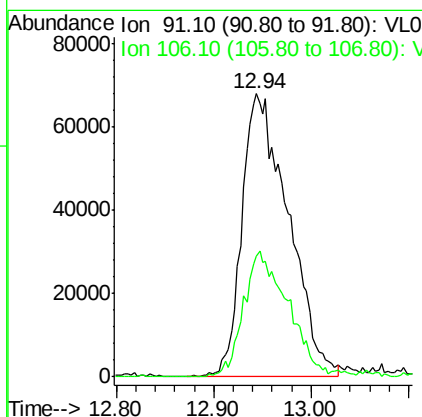
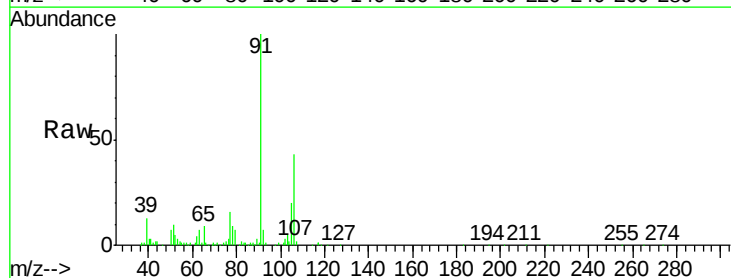
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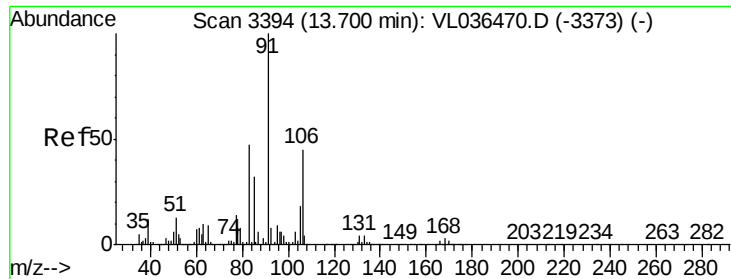
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#59  
m/p-Xylene  
Concen: 0.634 ppbv m  
RT: 12.94 min Scan# 3159  
Delta R.T. -0.06 min  
Lab File: VL036655.D  
Acq: 2 Apr 2021 21:41

Tgt Ion: 91 Resp: 224507  
Ion Ratio Lower Upper  
91 100  
106 0.0 35.3 52.9#





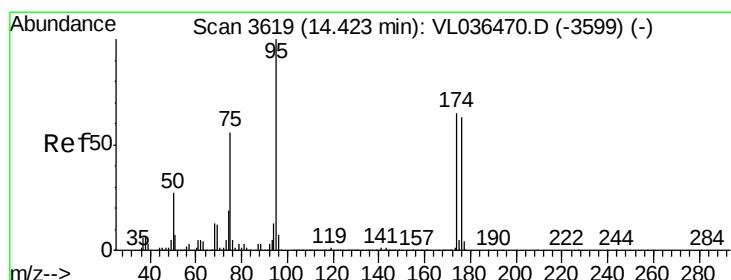
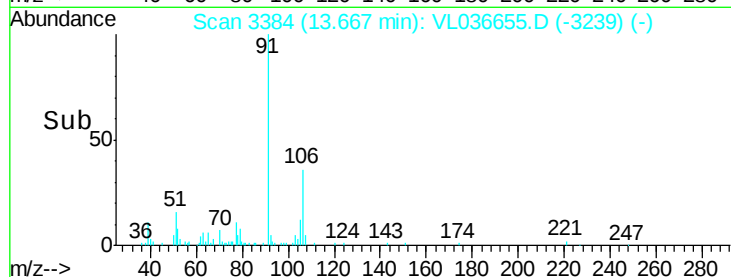
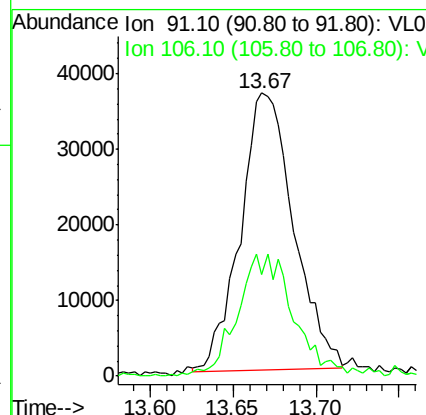
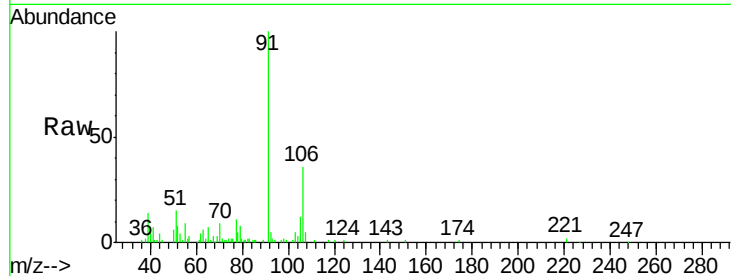
#60  
o-Xylene  
Concen: 0.240 ppbv  
RT: 13.67 min Scan# 3384  
Delta R.T. -0.03 min  
Lab File: VL036655.D  
Acq: 2 Apr 2021 21:41

Instrument :  
MSVOA\_L  
ClientSampleId :  
SOFF-SG-04

Tot Ion: 91 Resp: 82206  
Ion Ratio Lower Upper  
91 100  
106 46.4 22.3 66.9

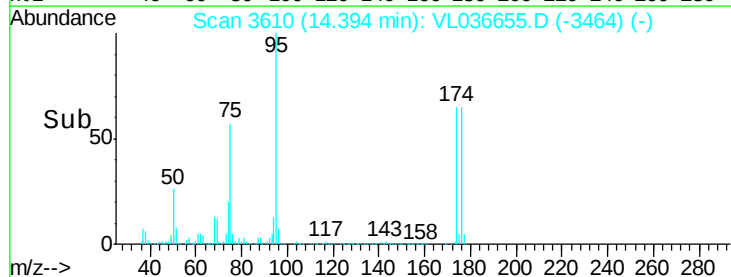
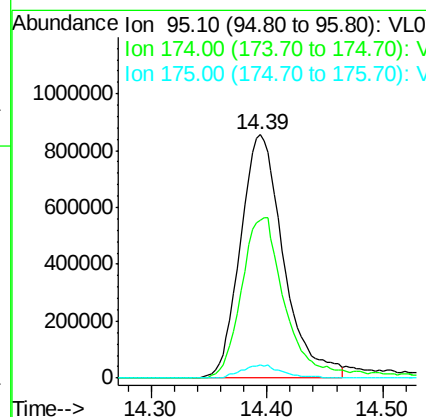
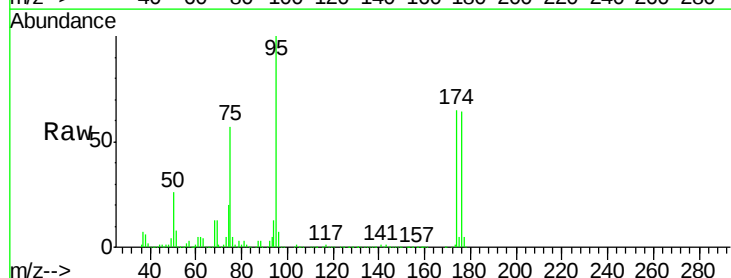
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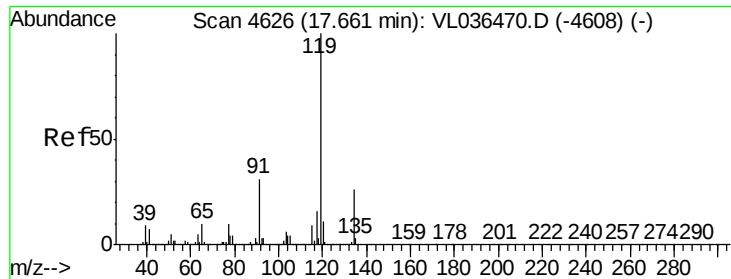
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#68  
1-Bromo-4-Fluorobenzene  
Concen: 9.939 ppbv  
RT: 14.39 min Scan# 3610  
Delta R.T. -0.03 min  
Lab File: VL036655.D  
Acq: 2 Apr 2021 21:41

Tgt Ion: 95 Resp: 2211637  
Ion Ratio Lower Upper  
95 100  
174 69.9 51.0 76.6  
175 5.2 3.9 5.9





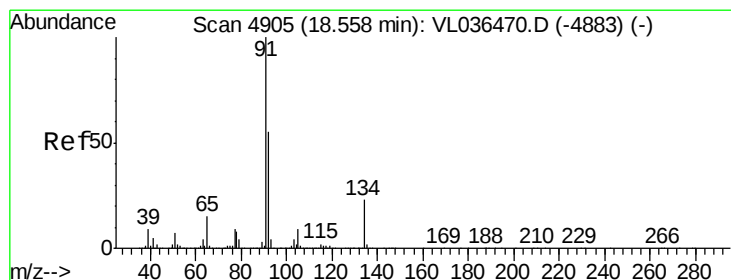
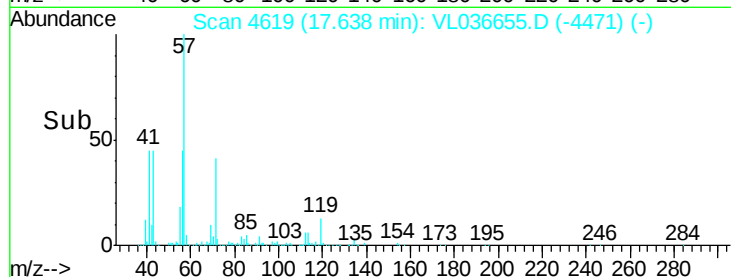
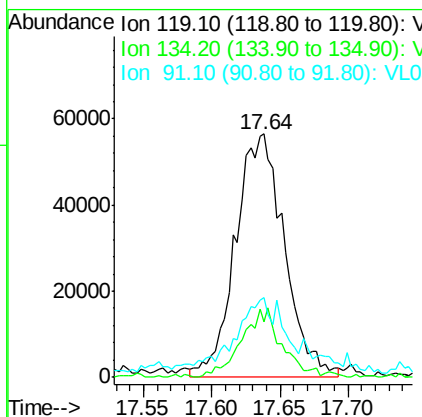
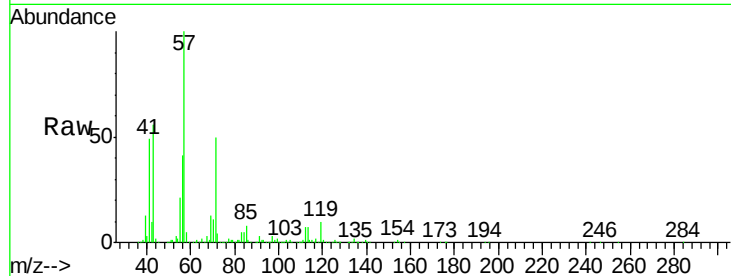
#69  
 p-Isopropyltoluene  
 Concen: 0.321 ppbv m  
 RT: 17.64 min Scan# 4619  
 Delta R.T. -0.02 min  
 Lab File: VL036655.D  
 Acq: 2 Apr 2021 21:41

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SOFF-SG-04

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 119     | 100   |            |       |
| 134     | 0.0   | 20.6       | 30.8# |
| 91      | 0.0   | 25.0       | 37.6# |

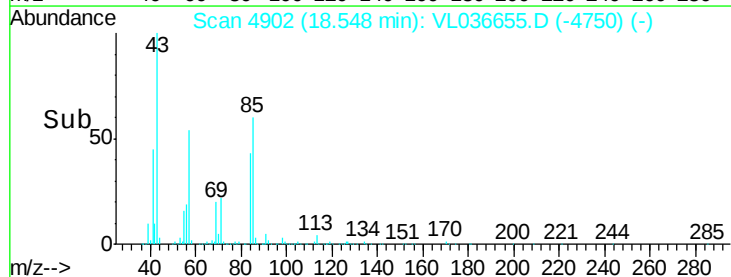
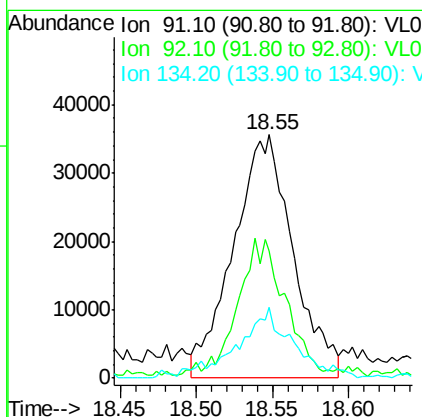
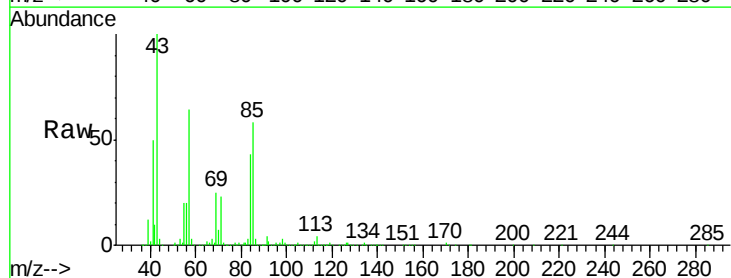
Manual Integrations  
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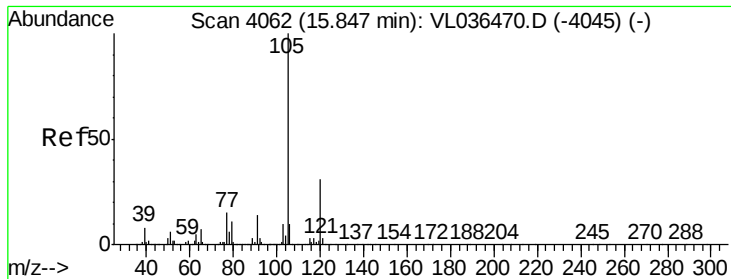
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#70  
 n-Butylbenzene  
 Concen: 0.213 ppbv m  
 RT: 18.55 min Scan# 4902  
 Delta R.T. -0.01 min  
 Lab File: VL036655.D  
 Acq: 2 Apr 2021 21:41

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 91      | 100   |            |       |
| 92      | 0.0   | 43.8       | 65.8# |
| 134     | 0.0   | 18.0       | 27.0# |





#72

4-Ethyltoluene

Concen: 0.113 ppbv

RT: 15.82 min Scan# 4052

Delta R.T. -0.03 min

Lab File: VL036655.D

Acq: 2 Apr 2021 21:41

Instrument :

MSVOA\_L

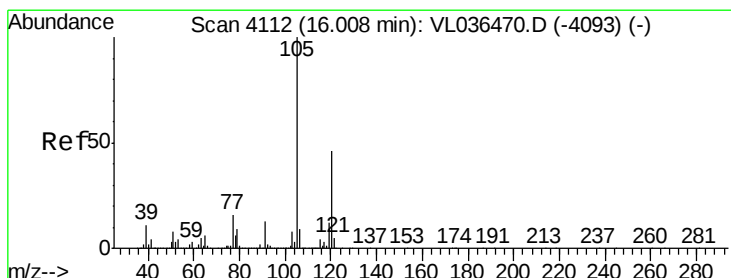
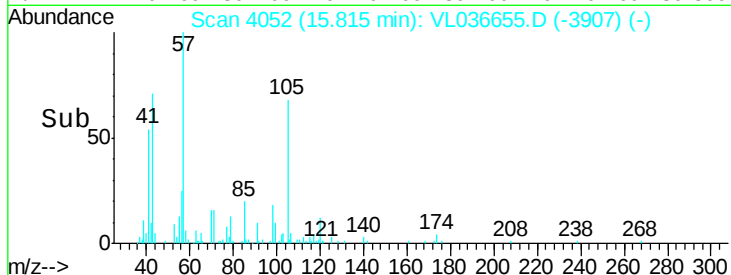
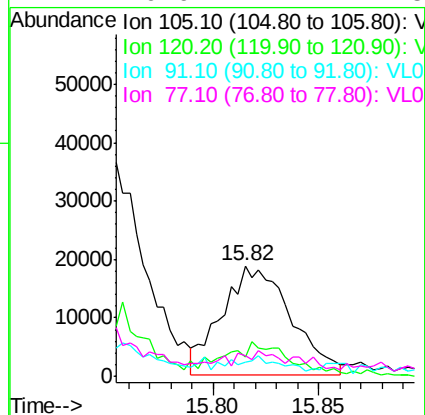
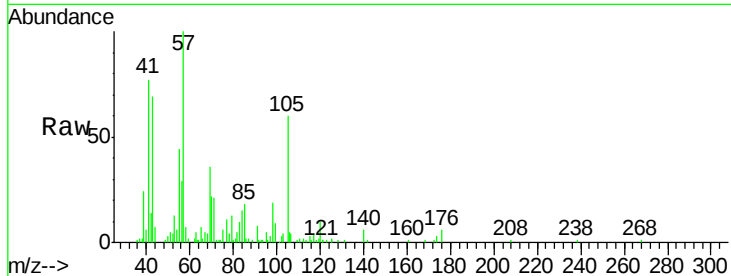
ClientSampleId :

SOFF-SG-04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 105   | Resp: | 42465 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 31.5  | 24.0  | 36.0  |
| 91        | 13.9  | 11.0  | 16.4  |
| 77        | 20.9  | 11.7  | 17.5# |

Manual Integrations  
APPROVED

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#73

1,3,5-Trimethylbenzene

Concen: 0.101 ppbv m

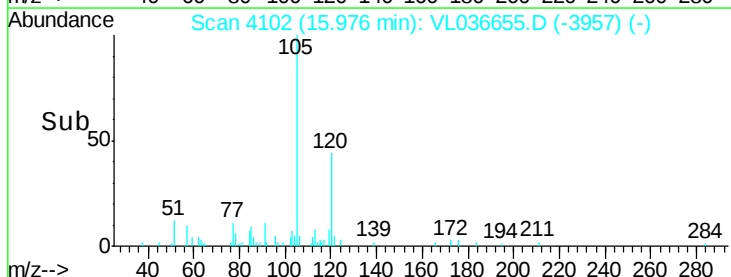
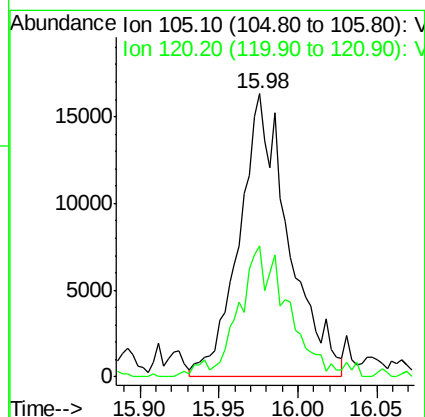
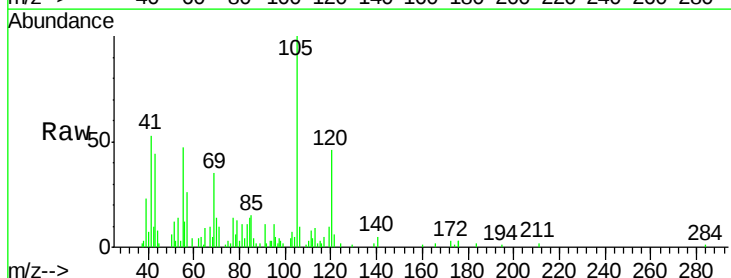
RT: 15.98 min Scan# 4102

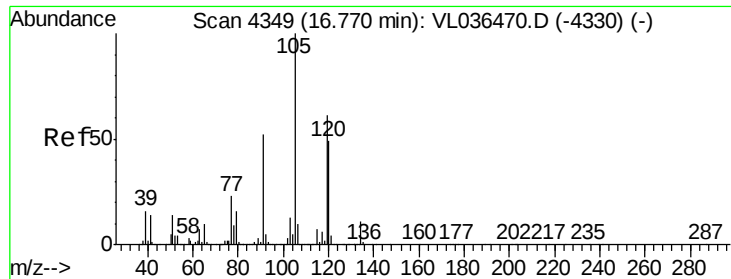
Delta R.T. -0.03 min

Lab File: VL036655.D

Acq: 2 Apr 2021 21:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 35507 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 46.4  | 36.6  | 54.8  |





#74  
 1,2,4-Trimethylbenzene  
 Concen: 0.341 ppbv  
 RT: 16.74 min Scan# 4341  
 Delta R.T. -0.03 min  
 Lab File: VL036655.D  
 Acq: 2 Apr 2021 21:41

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SOFF-SG-04

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 120     | 39.4  | 39.2       | 58.8  |
| 91      | 11.0  | 42.6       | 64.0# |
| 77      | 11.0  | 18.6       | 28.0# |

Manual Integrations  
 APPROVED

apatel  
 4/5/2021 1:14:10 PM

