

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL090821\  
 Data File : VL037580.D  
 Acq On : 8 Sep 2021 20:31  
 Operator : SY/AP  
 Sample : M3663-02  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA-2

Manual Integrations  
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MMDadoda  
 9/10/2021 10:52:48 AM

Quant Time: Sep 09 09:14:01 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL081621AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue Aug 17 02:13:47 2021  
 QLast Update : Tue Aug 17 02:13:47 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.681  | 49    | 1549545  | 10.000   | ppbv   | 0.03     |
| 33) 1,4-Difluorobenzene     | 7.185  | 114   | 4592641  | 10.000   | ppbv   | 0.03     |
| 55) Chlorobenzene-d5        | 12.098 | 117   | 4026496  | 10.000   | ppbv   | 0.04     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 14.426 | 95    | 2843417  | 9.940    | ppbv   | 0.03     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 99.400%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 3.054  | 85    | 34922    | 0.140    | ppbv   | 94       |
| 4) Chloromethane            | 3.150  | 50    | 57500m   | 0.542    | ppbv   |          |
| 9) Propene                  | 3.028  | 41    | 611680m  | 5.762    | ppbv   |          |
| 10) Heptane                 | 8.137  | 43    | 35870m   | 0.147    | ppbv   |          |
| 11) Trichlorofluoromethane  | 3.960  | 101   | 71827    | 0.308    | ppbv   | 93       |
| 13) Ethanol                 | 3.613  | 45    | 7843111  | 759.197  | ppbv   | 92       |
| 15) Acetone                 | 3.858  | 43    | 2309389  | 14.644   | ppbv   | 92       |
| 17) tert-Butyl alcohol      | 4.311  | 59    | 63433m   | 0.440    | ppbv   |          |
| 19) Isopropyl Alcohol       | 3.977  | 45    | 15682272 | 173.580  | ppbv # | 98       |
| 20) Methylene Chloride      | 4.353  | 84    | 819003   | 10.373   | ppbv   | 92       |
| 26) Hexane                  | 5.697  | 57    | 1112627  | 5.684    | ppbv # | 53       |
| 29) Chloroform              | 5.764  | 83    | 206809   | 0.746    | ppbv   | 98       |
| 30) Cyclohexane             | 7.147  | 84    | 35275m   | 0.216    | ppbv   |          |
| 31) cis-1,2-Dichloroethene  | 5.562  | 61    | 21316m   | 0.120    | ppbv   |          |
| 34) 2-Butanone              | 5.256  | 43    | 119936   | 0.640    | ppbv   | 93       |
| 35) Carbon Tetrachloride    | 7.034  | 117   | 25056m   | 0.092    | ppbv   |          |
| 36) Benzene                 | 6.906  | 78    | 100686   | 0.261    | ppbv # | 90       |
| 38) Trichloroethene         | 7.841  | 130   | 31925m   | 0.202    | ppbv   |          |
| 44) 2,2,4-Trimethylpentane  | 7.880  | 57    | 147637   | 0.227    | ppbv # | 81       |
| 50) 4-Methyl-2-Pentanone    | 8.771  | 43    | 49683m   | 0.203    | ppbv   |          |
| 52) Tetrachloroethene       | 11.233 | 164   | 357653   | 2.261    | ppbv   | 96       |
| 53) Toluene                 | 9.816  | 91    | 842657   | 1.911    | ppbv   | 99       |
| 58) Ethyl Benzene           | 12.722 | 91    | 115260m  | 0.206    | ppbv   |          |
| 59) m/p-Xylene              | 12.983 | 91    | 419253m  | 0.865    | ppbv   |          |
| 60) o-Xylene                | 13.706 | 91    | 137128m  | 0.303    | ppbv   |          |
| 69) p-Isopropyltoluene      | 17.664 | 119   | 792416   | 1.198    | ppbv   | 97       |
| 79) Naphthalene             | 22.204 | 128   | 43586m   | 0.122    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

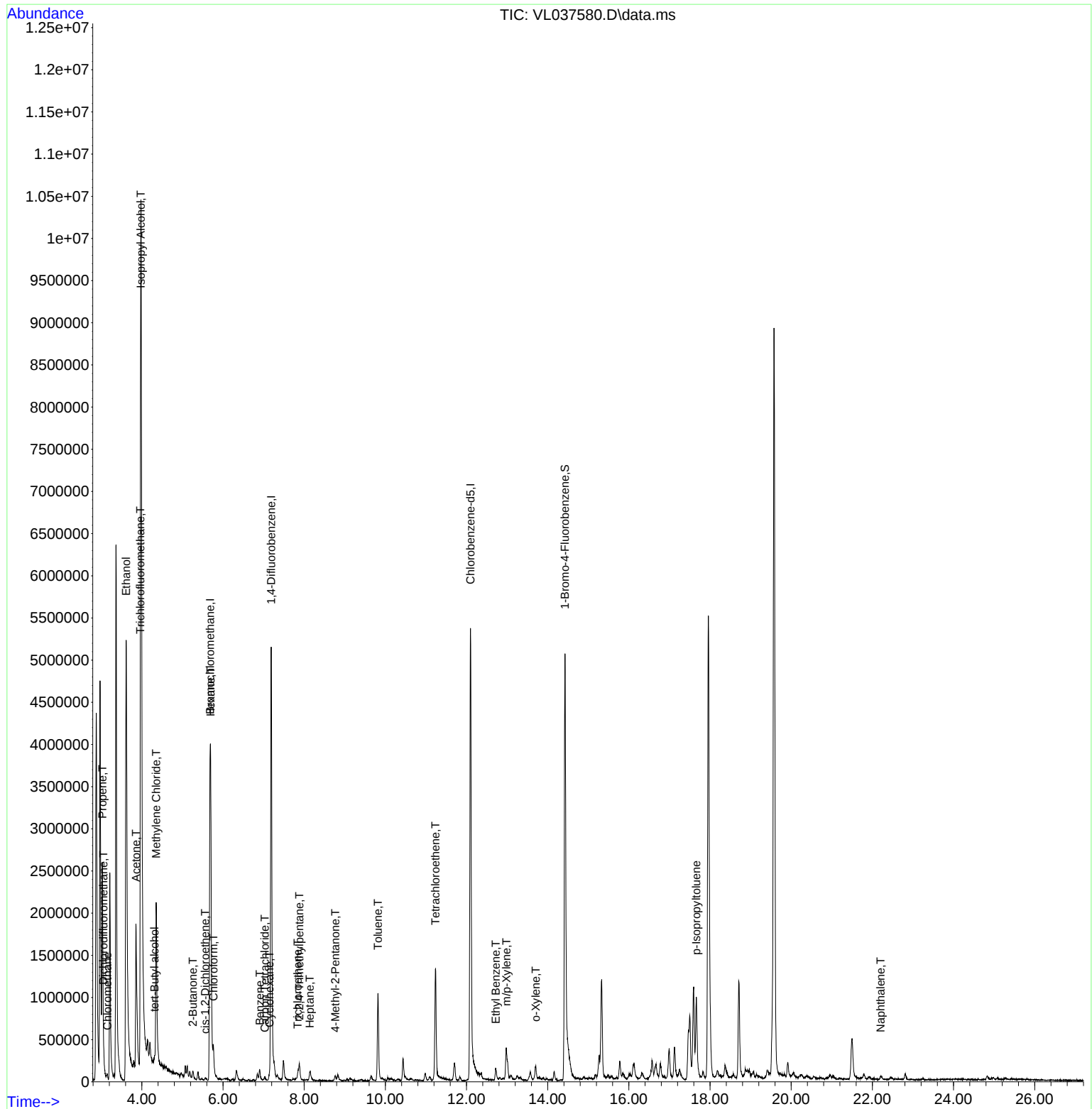
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL090821\  
Data File : VL037580.D  
Acq On : 8 Sep 2021 20:31  
Operator : SY/AP  
Sample : M3663-02  
Misc : 400mL/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

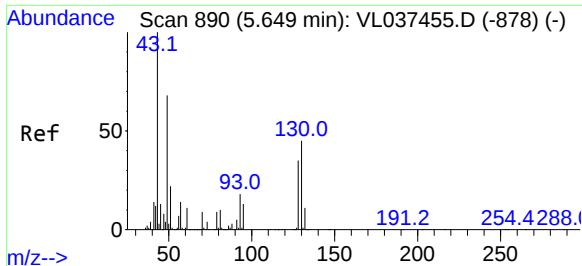
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA-2

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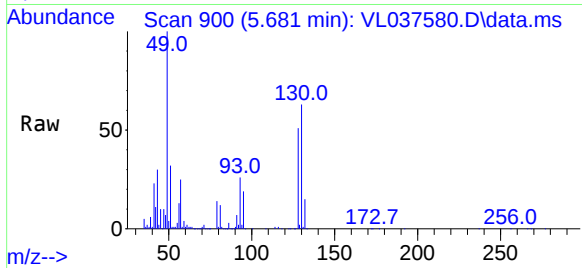
Quant Time: Sep 09 09:14:01 2021  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL081621AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue Aug 17 02:13:47 2021  
QLast Update : Tue Aug 17 02:13:47 2021  
Response via : Initial Calibration





#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.681 min Scan# 900  
Delta R.T. 0.032 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

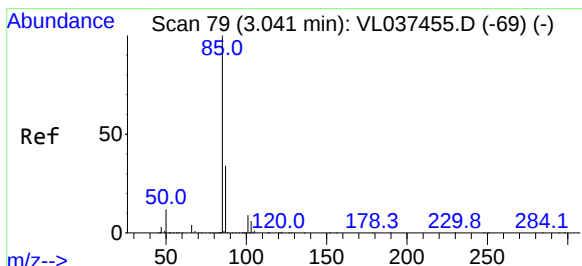
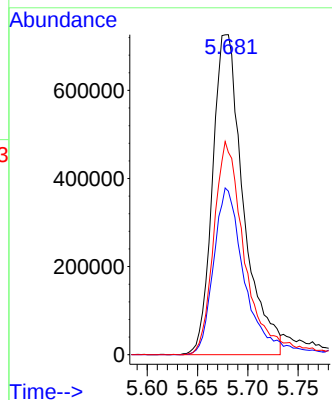
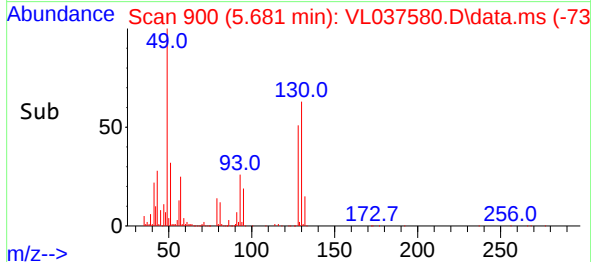
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA-2



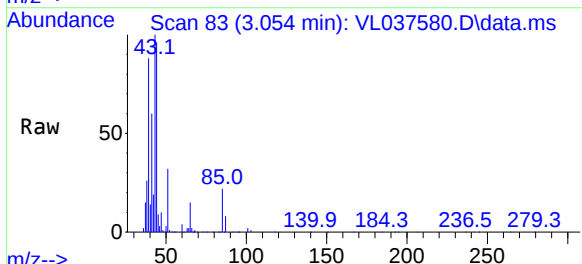
Tgt Ion: 49 Resp: 1549545  
Ion Ratio Lower Upper  
49 100  
128 54.6 27.5 82.4  
130 69.1 34.0 101.8

Manual Integrations  
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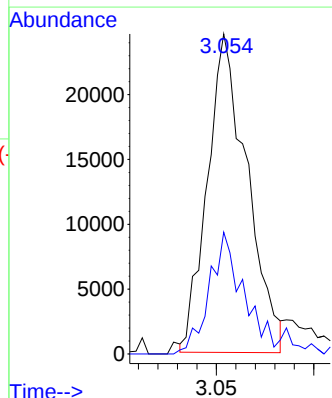
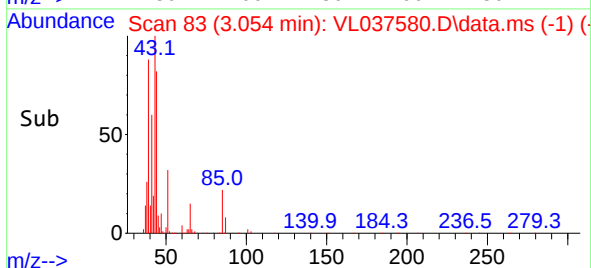
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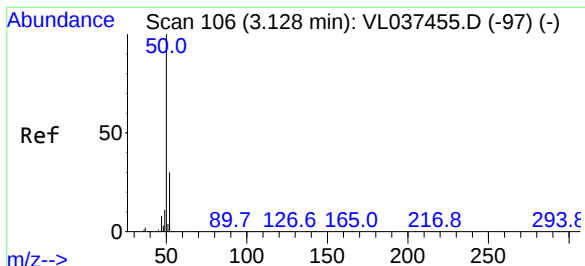


#2  
Dichlorodifluoromethane  
Concen: 0.140 ppbv  
RT: 3.054 min Scan# 83  
Delta R.T. 0.013 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31



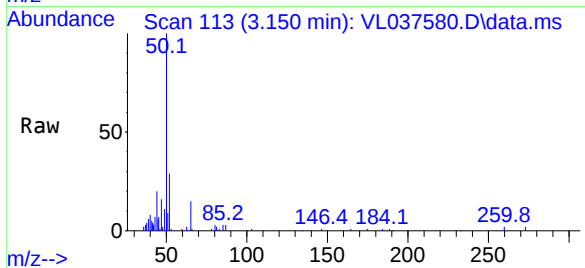
Tgt Ion: 85 Resp: 34922  
Ion Ratio Lower Upper  
85 100  
87 38.0 27.6 41.4





#4  
Chloromethane  
Concen: 0.542 ppbv m  
RT: 3.150 min Scan# 113  
Delta R.T. 0.023 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

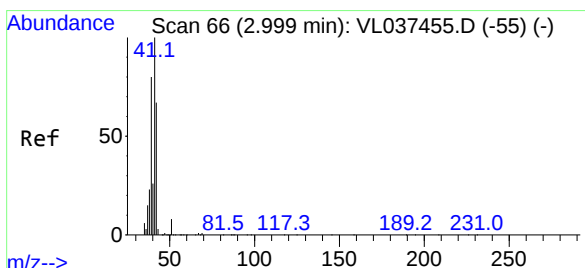
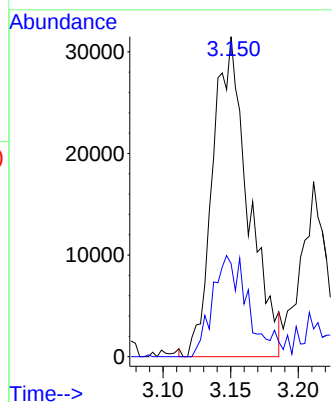
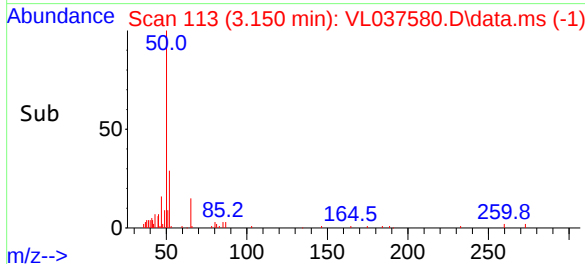
Instrument :  
MSVOA\_L  
ClientSampleId :  
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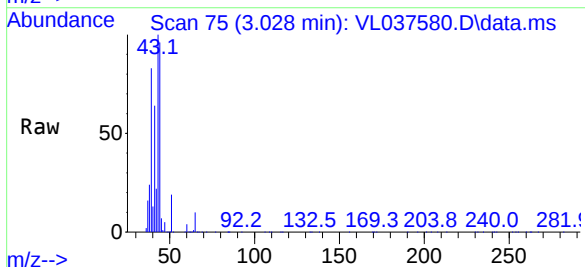
Tgt Ion: 50 Resp: 57500  
Ion Ratio Lower Upper  
50 100  
52 29.1 24.0 36.0

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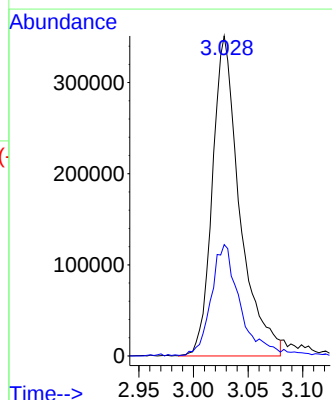
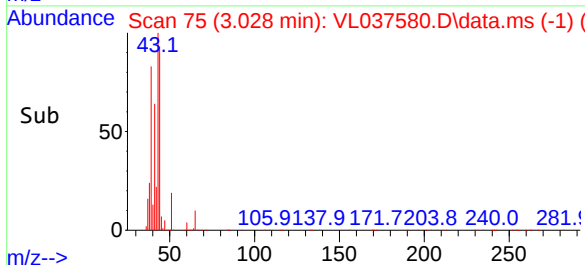
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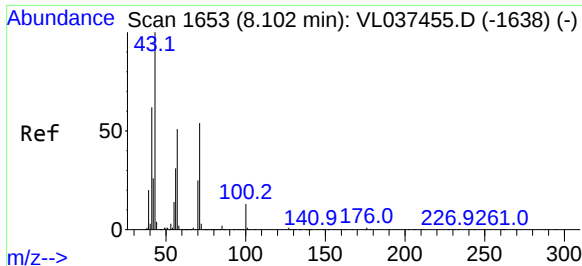


#9  
Propene  
Concen: 5.762 ppbv m  
RT: 3.028 min Scan# 75  
Delta R.T. 0.029 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31



Tgt Ion: 41 Resp: 611680  
Ion Ratio Lower Upper  
41 100  
42 98.2 53.7 80.5#





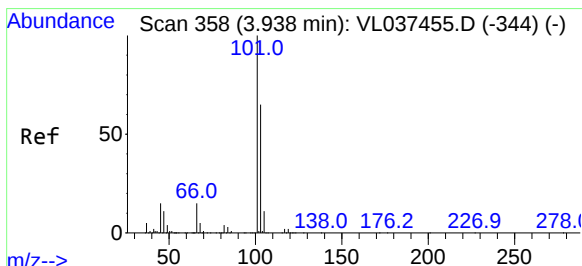
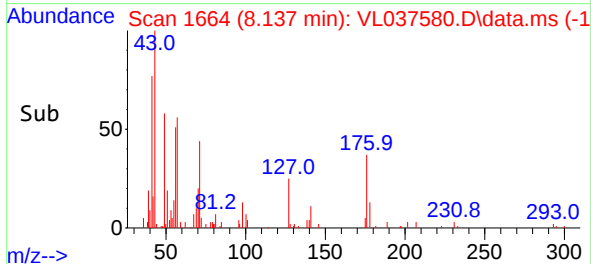
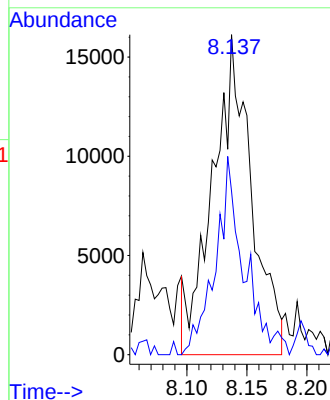
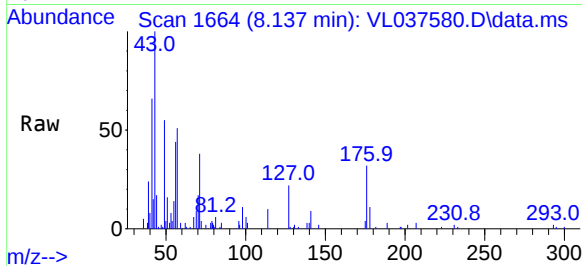
#10  
Heptane  
Concen: 0.147 ppbv m  
RT: 8.137 min Scan# 1664  
Delta R.T. 0.035 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

Tgt Ion: 43 Resp: 35870  
Ion Ratio Lower Upper  
43 100  
57 0.0 41.0 61.6#

Instrument :  
MSVOA\_L  
ClientSampled :  
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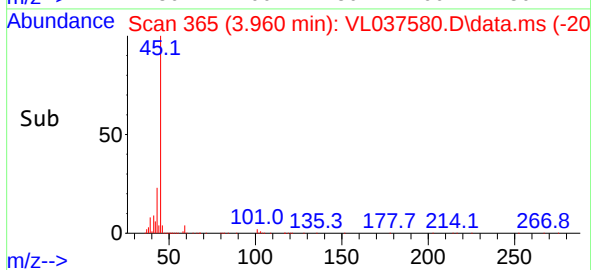
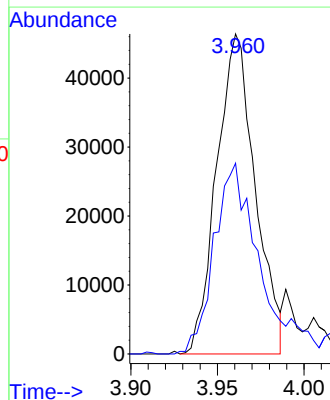
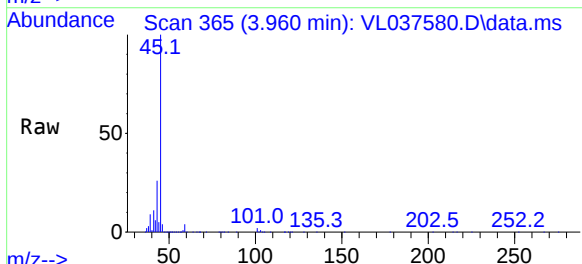
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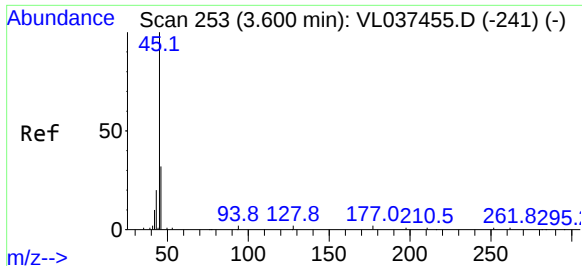
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#11  
Trichlorofluoromethane  
Concen: 0.308 ppbv  
RT: 3.960 min Scan# 365  
Delta R.T. 0.022 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

Tgt Ion: 101 Resp: 71827  
Ion Ratio Lower Upper  
101 100  
103 58.8 51.8 77.6





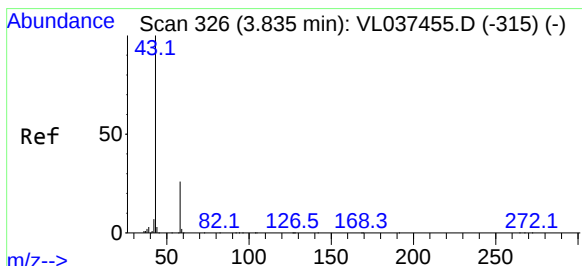
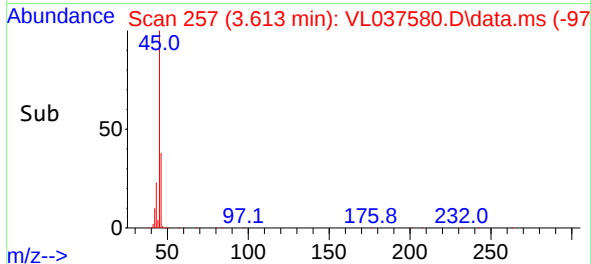
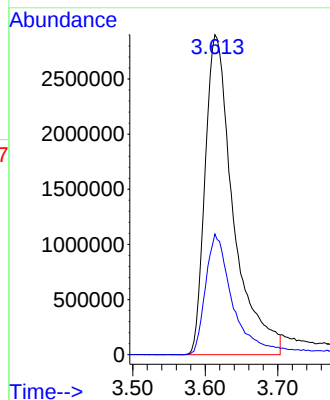
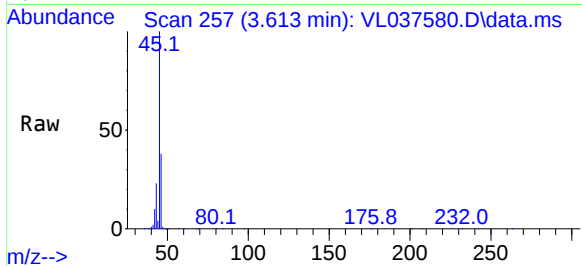
#13  
Ethanol  
Concen: 759.197 ppbv  
RT: 3.613 min Scan# 257  
Delta R.T. 0.013 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

Tgt Ion: 45 Resp: 7843111  
Ion Ratio Lower Upper  
45 100  
46 40.2 14.1 56.5

Instrument :  
MSVOA\_L  
ClientSampled :  
IA-2

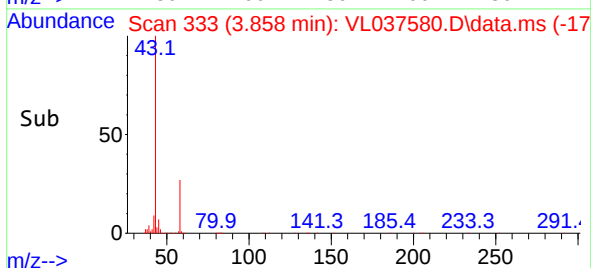
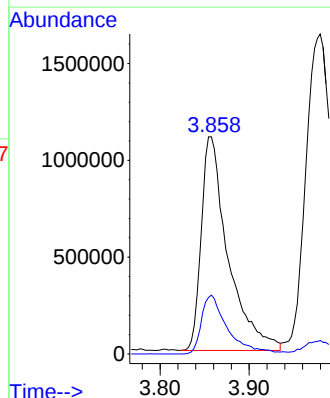
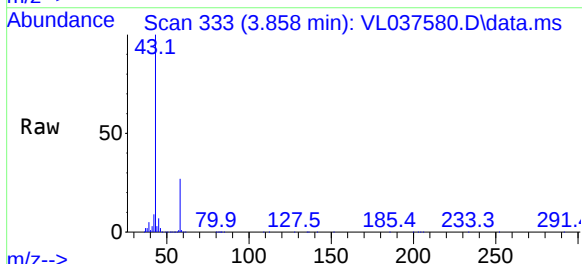
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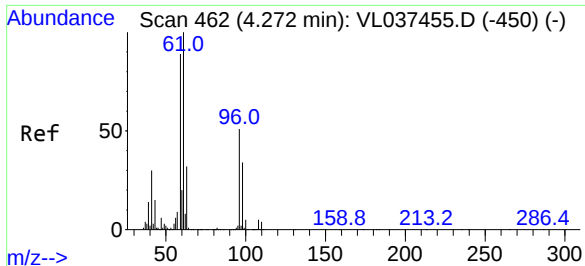
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#15  
Acetone  
Concen: 14.644 ppbv  
RT: 3.858 min Scan# 333  
Delta R.T. 0.023 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

Tgt Ion: 43 Resp: 2309389  
Ion Ratio Lower Upper  
43 100  
58 26.8 24.8 37.2





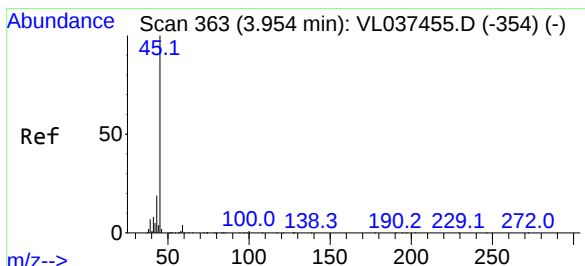
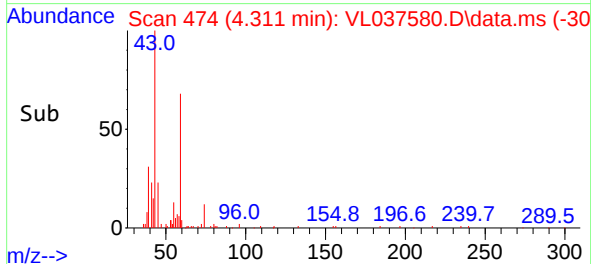
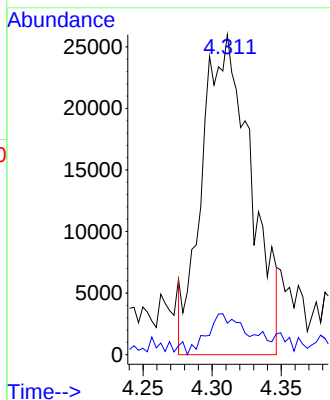
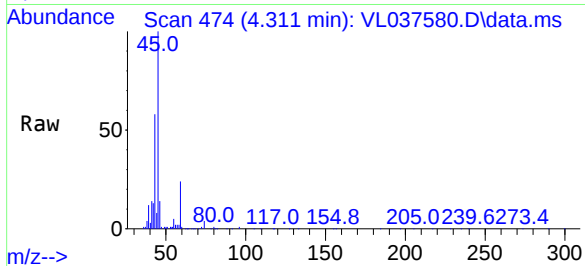
#17  
tert-Butyl alcohol  
Concen: 0.440 ppbv m  
RT: 4.311 min Scan# 474  
Delta R.T. 0.039 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

Tgt Ion: 59 Resp: 63433  
Ion Ratio Lower Upper  
59 100  
57 105.0 8.3 12.5#

Instrument :  
MSVOA\_L  
ClientSampled :  
IA-2

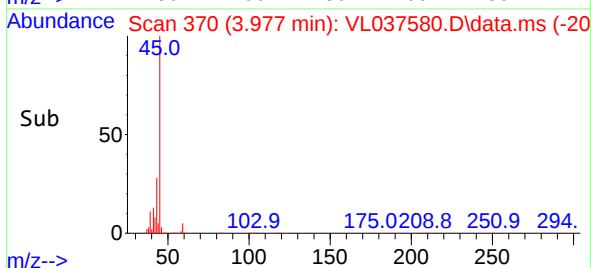
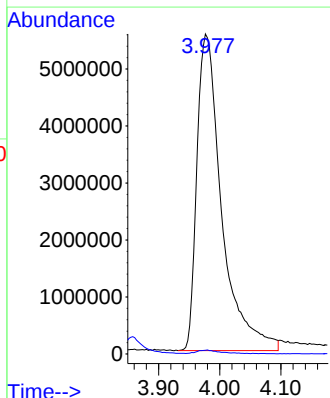
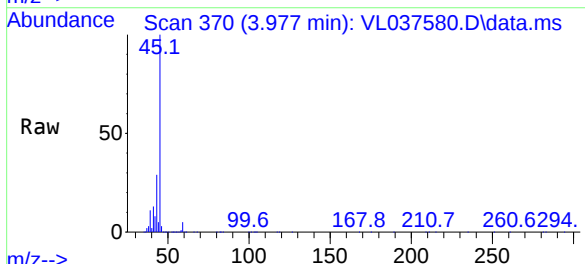
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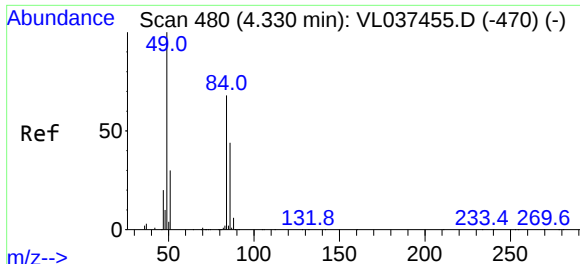
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#19  
Isopropyl Alcohol  
Concen: 173.580 ppbv  
RT: 3.977 min Scan# 370  
Delta R.T. 0.023 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

Tgt Ion: 45 Resp: 15682272  
Ion Ratio Lower Upper  
45 100  
58 1.2 1.4 2.2#





#20  
Methylene Chloride  
Concen: 10.373 ppbv  
RT: 4.353 min Scan# 487  
Delta R.T. 0.022 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

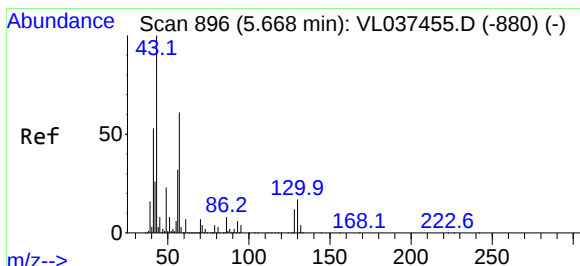
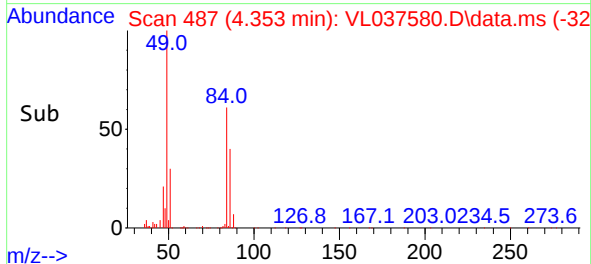
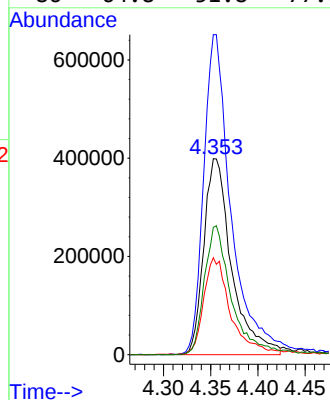
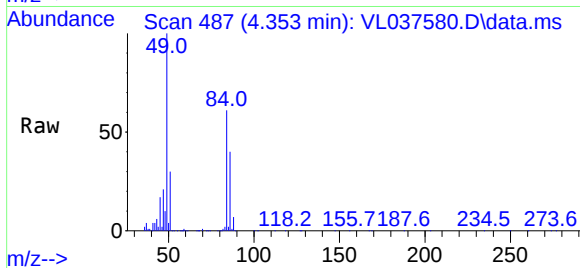
Tgt Ion: 84 Resp: 819003

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 162.8 | 118.2 | 177.2 |
| 51  | 49.1  | 36.6  | 55.0  |
| 86  | 64.8  | 51.8  | 77.6  |

Instrument :  
MSVOA\_L  
ClientSampleId :  
IA-2

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APPROVED

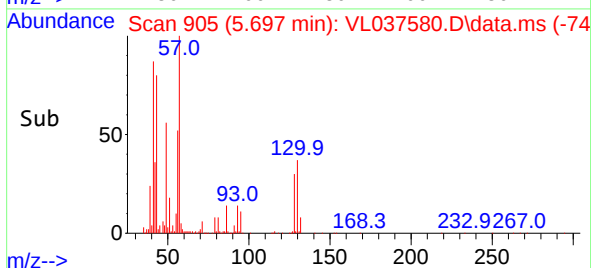
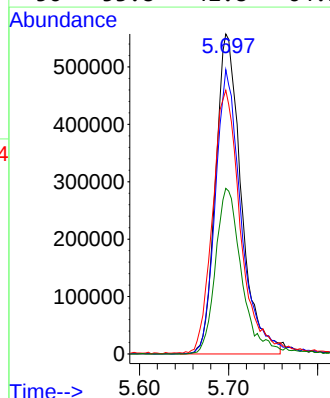
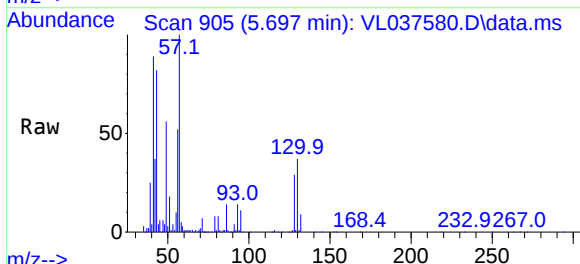
MMDadoda  
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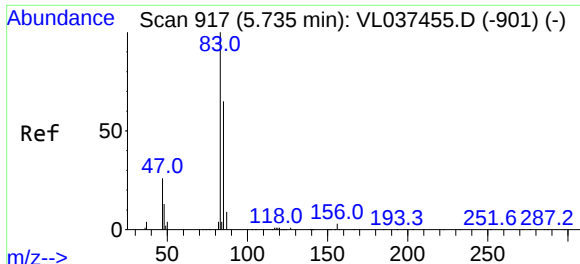


#26  
Hexane  
Concen: 5.684 ppbv  
RT: 5.697 min Scan# 905  
Delta R.T. 0.029 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

Tgt Ion: 57 Resp: 1112627

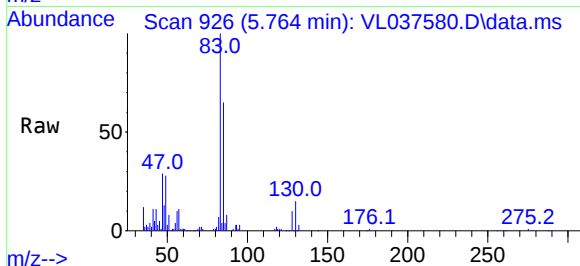
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 57  | 100   |       |        |
| 41  | 90.5  | 72.3  | 108.5  |
| 43  | 92.3  | 172.3 | 258.5# |
| 56  | 53.8  | 42.8  | 64.2   |





#29  
Chloroform  
Concen: 0.746 ppbv  
RT: 5.764 min Scan# 926  
Delta R.T. 0.029 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

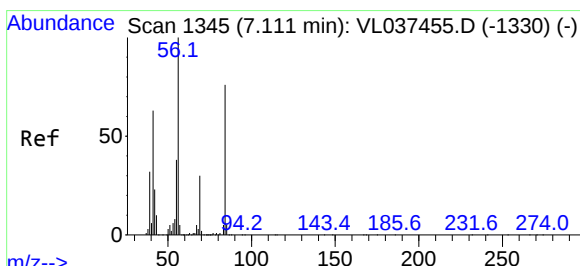
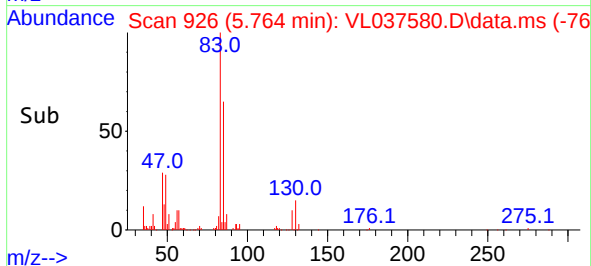
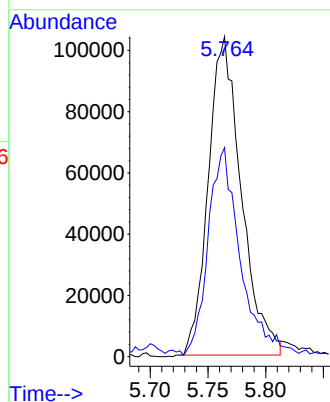
Instrument :  
MSVOA\_L  
ClientSampled :  
IA-2



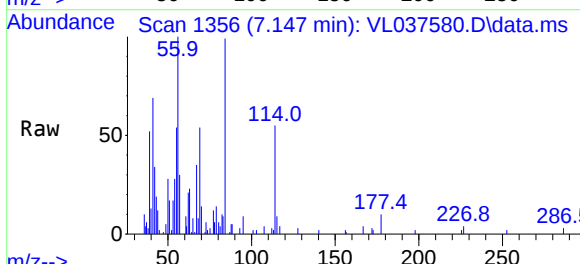
Tgt Ion: 83 Resp: 206809  
Ion Ratio Lower Upper  
83 100  
85 63.8 52.3 78.5

Manual Integrations  
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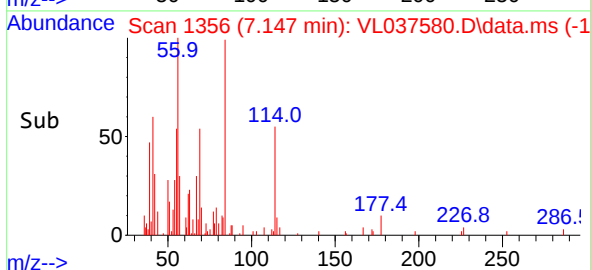
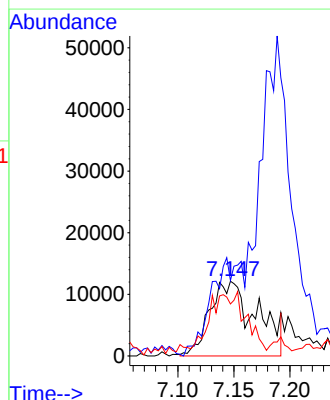
MMDadoda  
9/10/2021 10:52:48 AM

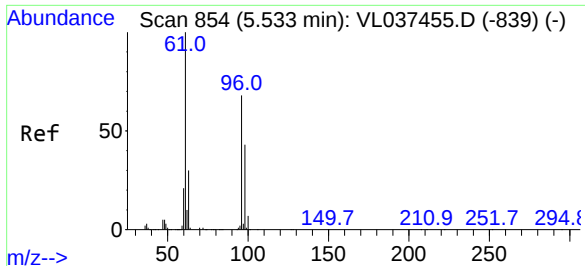


#30  
Cyclohexane  
Concen: 0.216 ppbv m  
RT: 7.147 min Scan# 1356  
Delta R.T. 0.035 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31



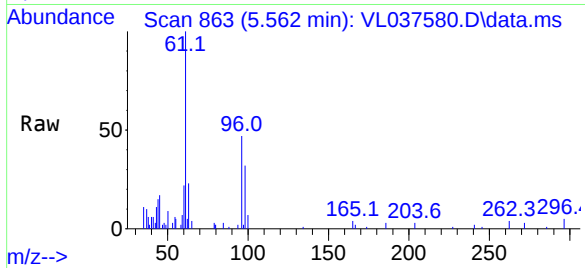
Tgt Ion: 84 Resp: 35275  
Ion Ratio Lower Upper  
84 100  
56 0.0 110.6 165.8#  
41 81.9 67.0 100.6





#31  
cis-1,2-Dichloroethene  
Concen: 0.120 ppbv m  
RT: 5.562 min Scan# 863  
Delta R.T. 0.029 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

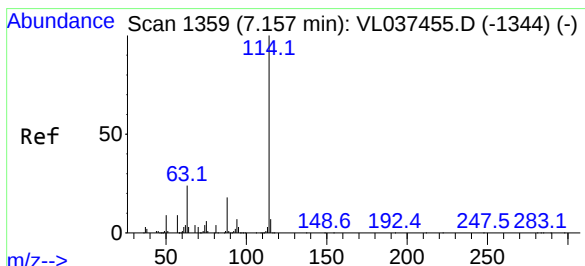
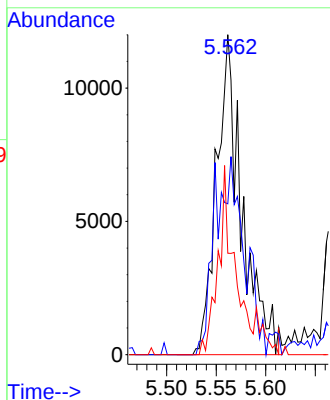
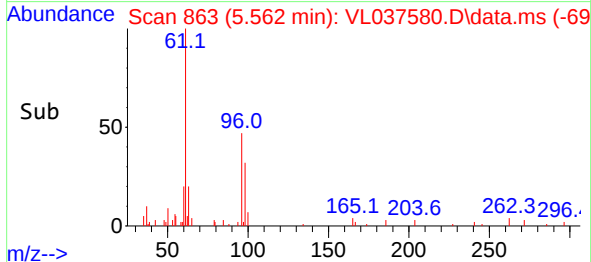
Instrument :  
MSVOA\_L  
ClientSampled :  
IA-2



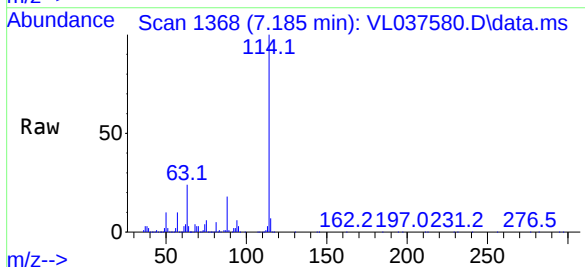
Tgt Ion: 61 Resp: 21316  
Ion Ratio Lower Upper  
61 100  
96 47.2 54.8 82.2#  
98 31.7 34.2 51.2#

Manual Integrations  
APPROVED

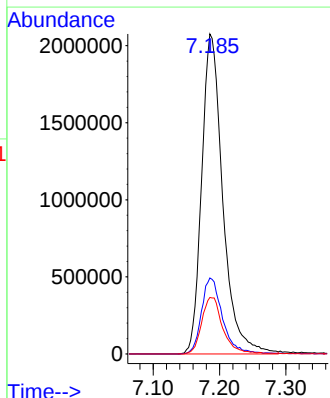
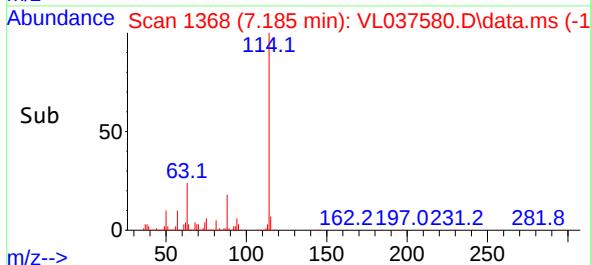
MMDadoda  
9/10/2021 10:52:48 AM

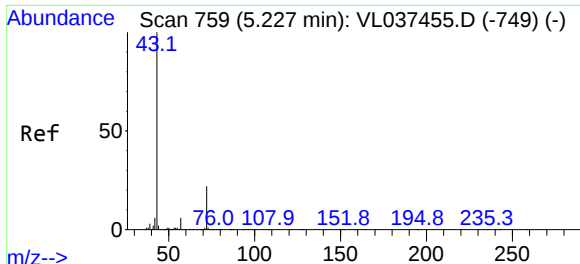


#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 7.185 min Scan# 1368  
Delta R.T. 0.029 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31



Tgt Ion: 114 Resp: 4592641  
Ion Ratio Lower Upper  
114 100  
63 23.9 19.3 28.9  
88 17.9 14.2 21.4





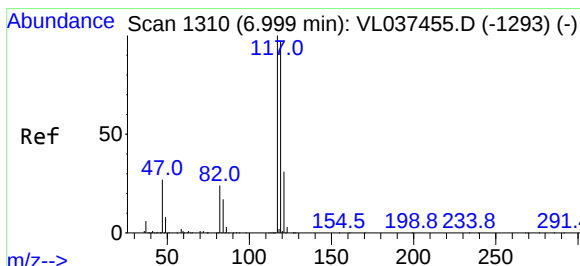
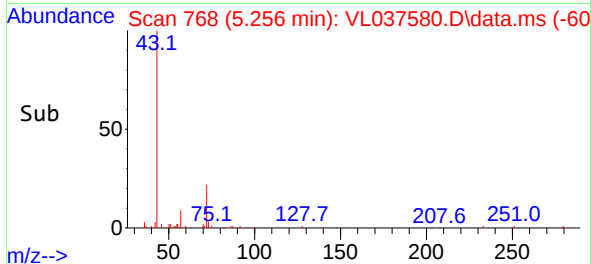
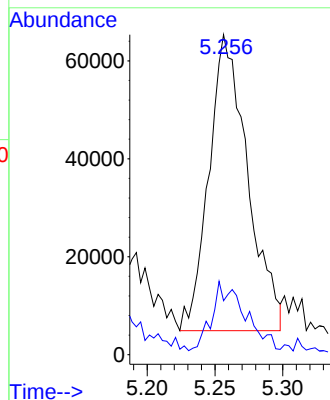
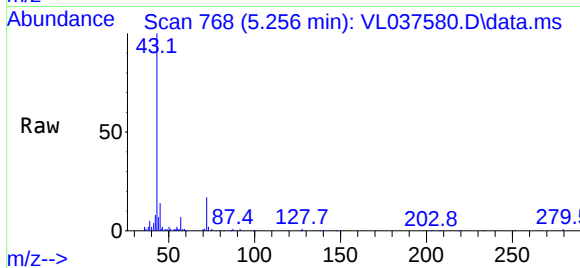
#34  
2-Butanone  
Concen: 0.640 ppbv  
RT: 5.256 min Scan# 768  
Delta R.T. 0.029 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

Tgt Ion: 43 Resp: 119936  
Ion Ratio Lower Upper  
43 100  
72 25.2 17.4 26.0

Instrument :  
MSVOA\_L  
ClientSampled :  
IA-2

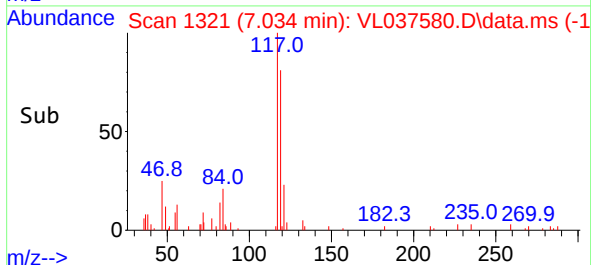
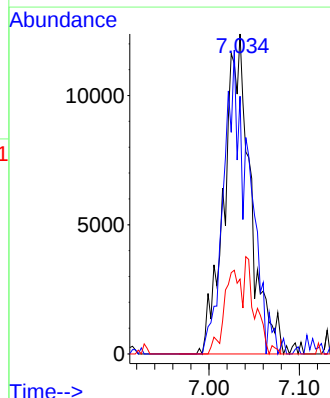
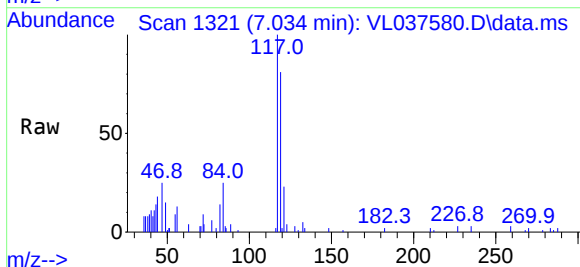
Manual Integrations  
APPROVED

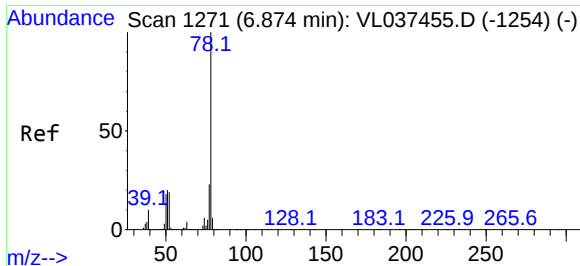
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9/10/2021 10:52:48 AM



#35  
Carbon Tetrachloride  
Concen: 0.092 ppbv m  
RT: 7.034 min Scan# 1321  
Delta R.T. 0.035 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

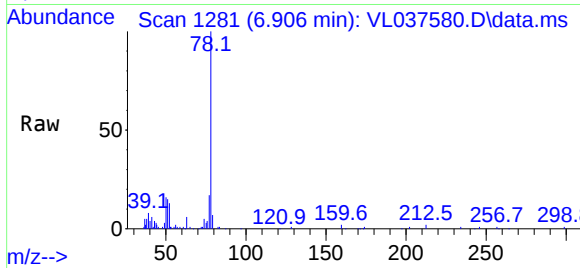
Tgt Ion: 117 Resp: 25056  
Ion Ratio Lower Upper  
117 100  
119 80.5 77.3 115.9  
121 23.4 25.2 37.8#





#36  
Benzene  
Concen: 0.261 ppbv  
RT: 6.906 min Scan# 1281  
Delta R.T. 0.032 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

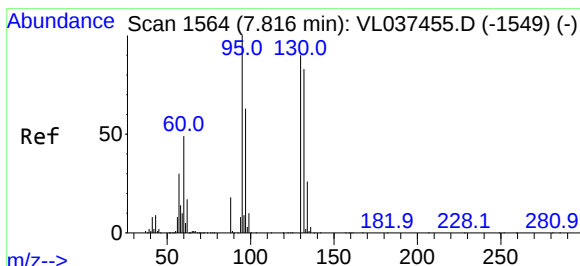
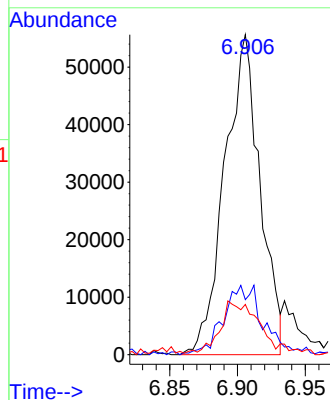
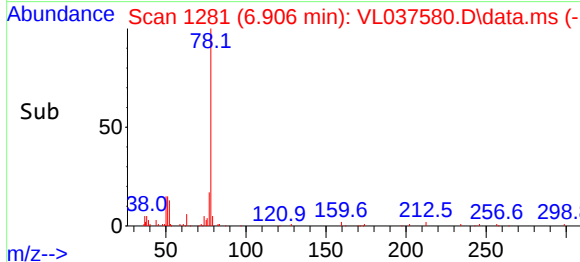
Instrument :  
MSVOA\_L  
ClientSampled :  
IA-2



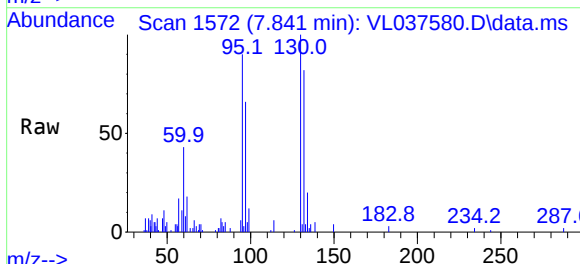
Tgt Ion: 78 Resp: 100686  
Ion Ratio Lower Upper  
78 100  
77 17.2 18.2 27.4#  
50 14.6 14.6 21.8

Manual Integrations  
APPROVED

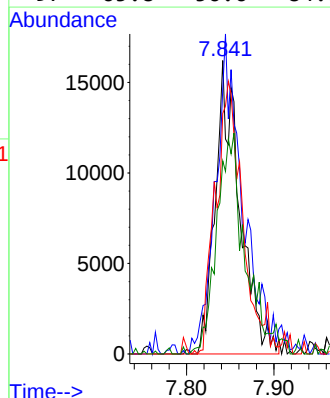
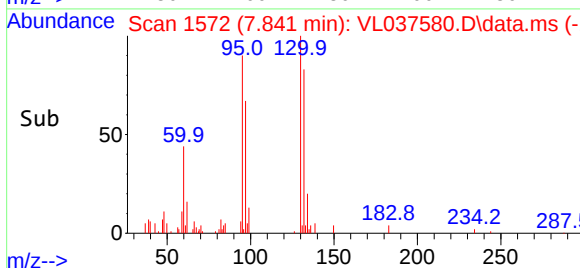
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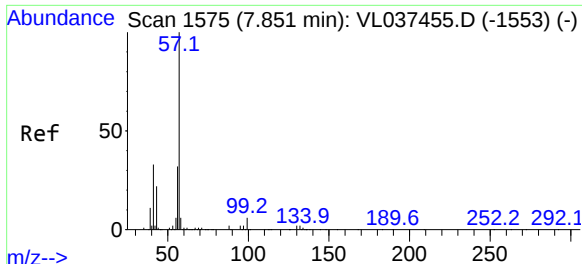


#38  
Trichloroethene  
Concen: 0.202 ppbv m  
RT: 7.841 min Scan# 1572  
Delta R.T. 0.026 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31



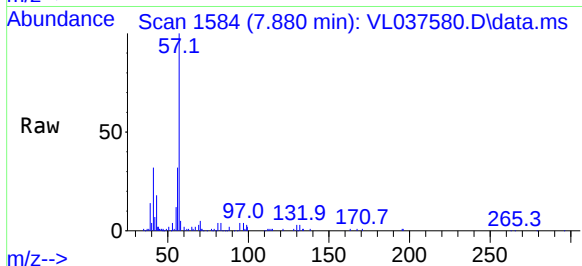
Tgt Ion: 130 Resp: 31925  
Ion Ratio Lower Upper  
130 100  
95 90.3 89.2 133.8  
132 82.0 74.0 111.0  
97 65.8 56.6 84.8





#44  
2,2,4-Trimethylpentane  
Concen: 0.227 ppbv  
RT: 7.880 min Scan# 1584  
Delta R.T. 0.029 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

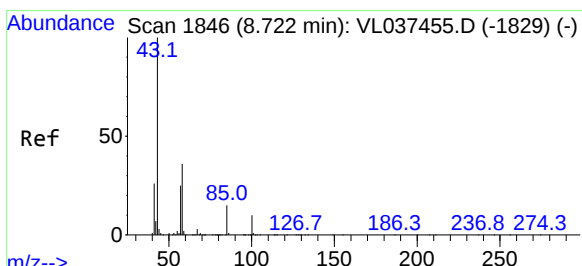
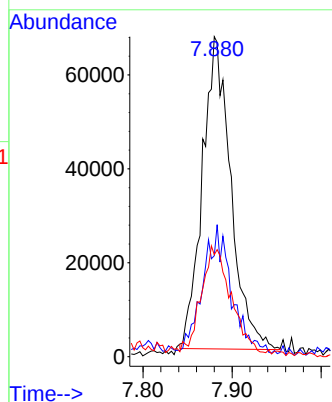
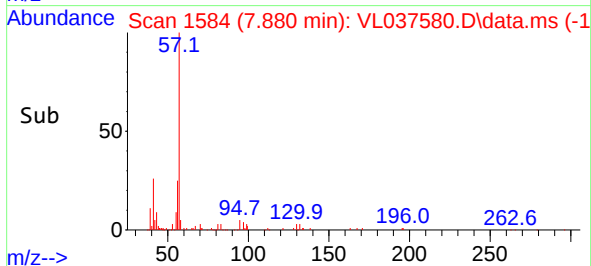
Instrument :  
MSVOA\_L  
ClientSampled :  
IA-2



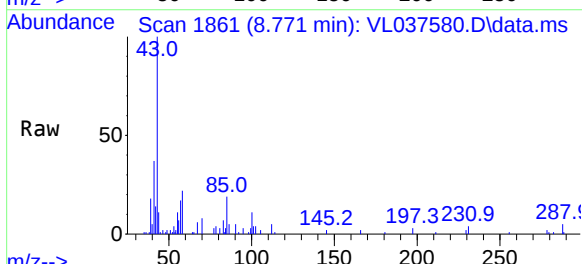
Tgt Ion: 57 Resp: 147637  
Ion Ratio Lower Upper  
57 100  
41 44.8 26.2 39.4#  
56 40.5 25.4 38.2#

Manual Integrations  
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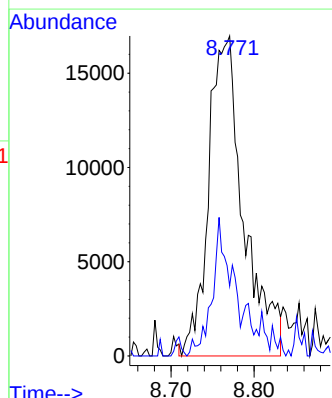
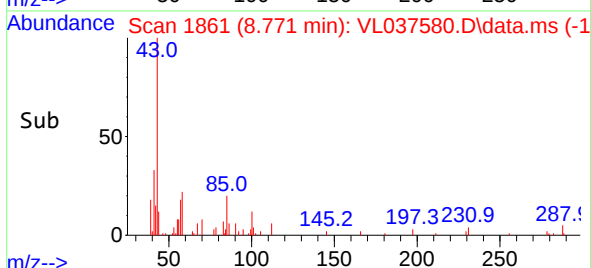
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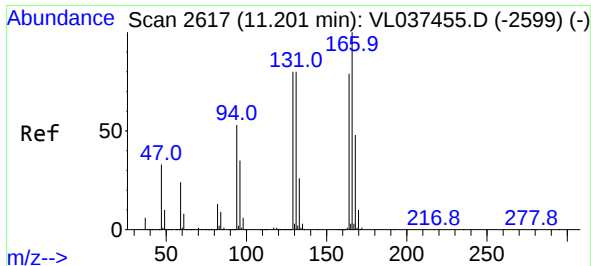


#50  
4-Methyl-2-Pentanone  
Concen: 0.203 ppbv m  
RT: 8.771 min Scan# 1861  
Delta R.T. 0.048 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

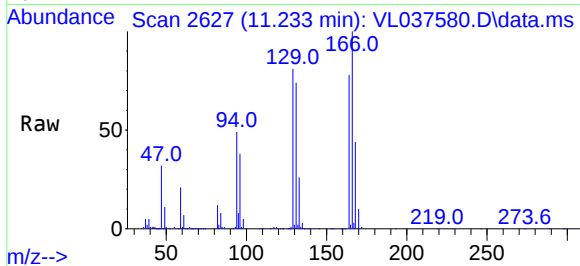


Tgt Ion: 43 Resp: 49683  
Ion Ratio Lower Upper  
43 100  
58 31.7 29.9 44.9

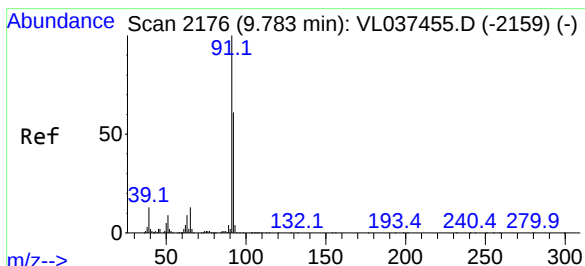
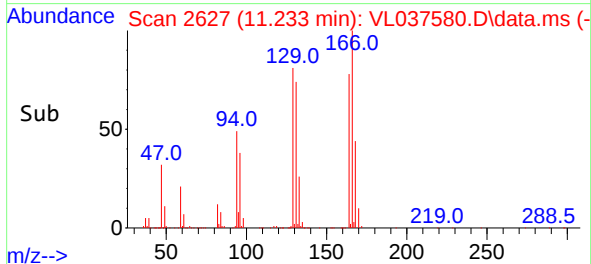
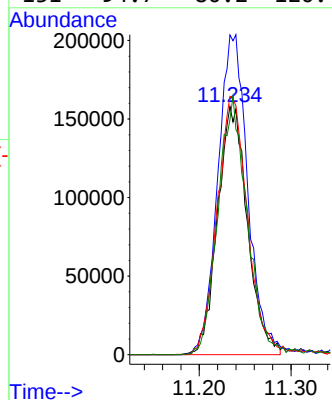




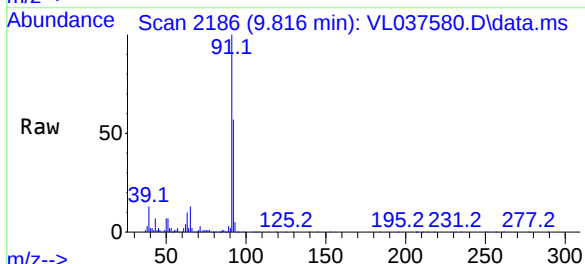
#52  
Tetrachloroethene  
Concen: 2.261 ppbv  
RT: 11.233 min Scan# 2627  
Delta R.T. 0.032 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31



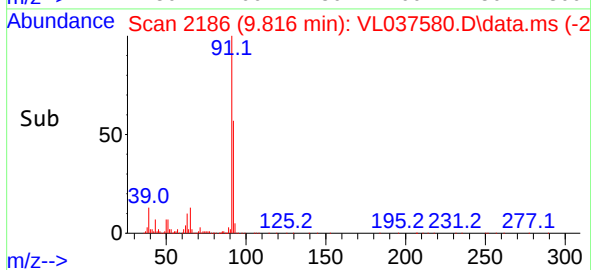
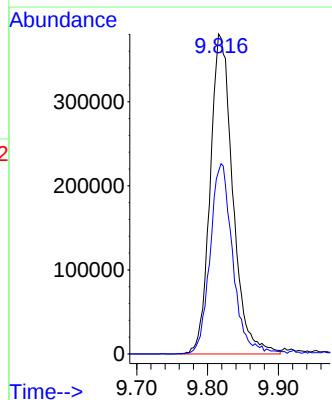
Tgt Ion:164 Resp: 357653  
Ion Ratio Lower Upper  
164 100  
166 128.8 100.7 151.1  
129 103.9 80.9 121.3  
131 94.7 80.2 120.4



#53  
Toluene  
Concen: 1.911 ppbv  
RT: 9.816 min Scan# 2186  
Delta R.T. 0.032 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31



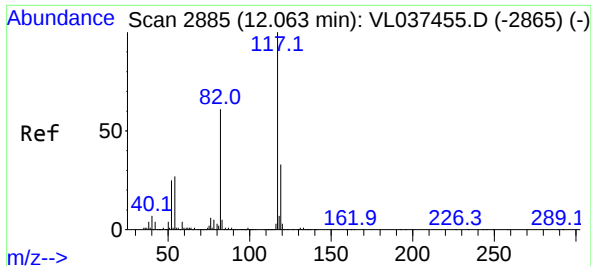
Tgt Ion: 91 Resp: 842657  
Ion Ratio Lower Upper  
91 100  
92 60.3 48.8 73.2



Instrument :  
MSVOA\_L  
ClientSampled :  
IA-2

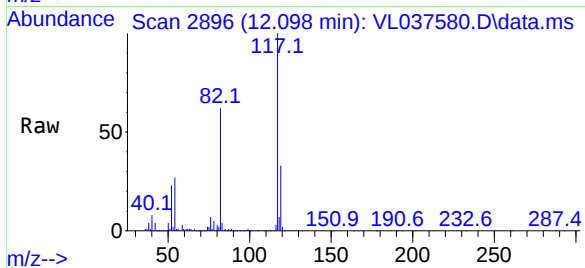
Manual Integrations  
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#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 12.098 min Scan# 2896  
Delta R.T. 0.035 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

Instrument :  
MSVOA\_L  
ClientSampled :  
IA-2

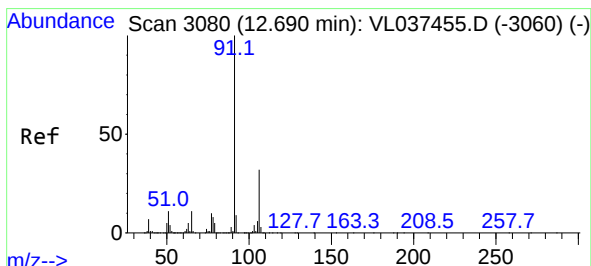
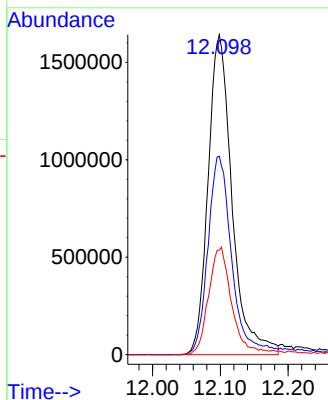
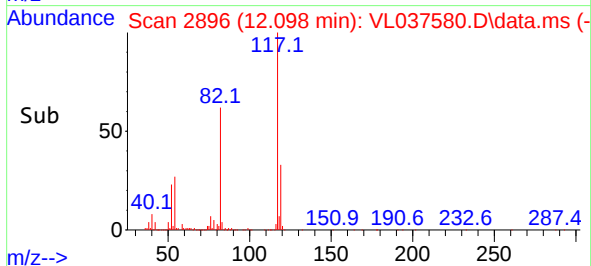


Tgt Ion: 117 Resp: 4026496

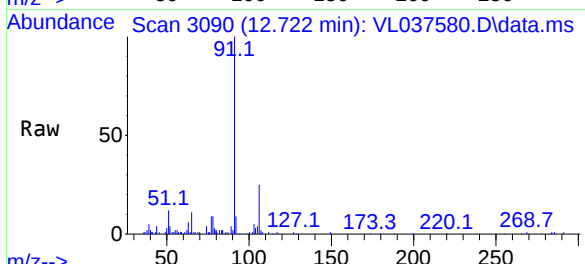
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 66.1  | 52.9  | 79.3  |
| 119 | 33.5  | 24.8  | 37.2  |

Manual Integrations  
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MMDadoda  
9/10/2021 10:52:48 AM

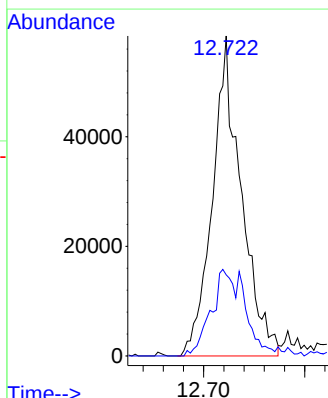
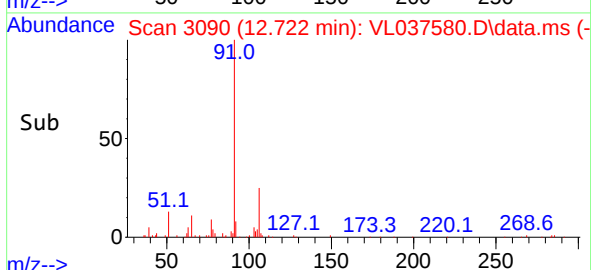


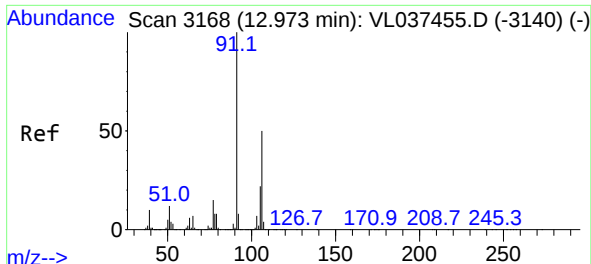
#58  
Ethyl Benzene  
Concen: 0.206 ppbv m  
RT: 12.722 min Scan# 3090  
Delta R.T. 0.032 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31



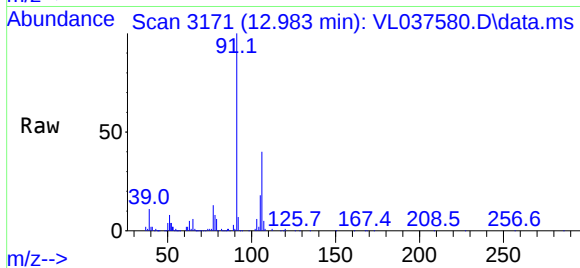
Tgt Ion: 91 Resp: 115260

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 106 | 25.3  | 25.7  | 38.5# |

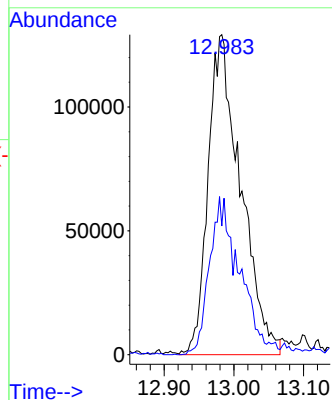
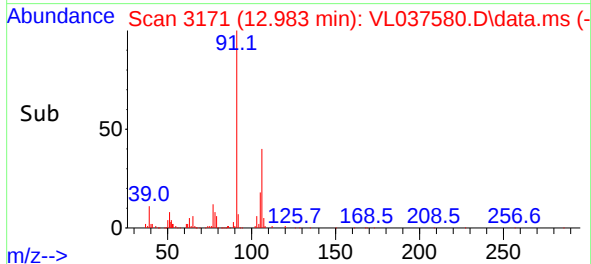




#59  
m/p-Xylene  
Concen: 0.865 ppbv m  
RT: 12.983 min Scan# 3171  
Delta R.T. 0.010 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31



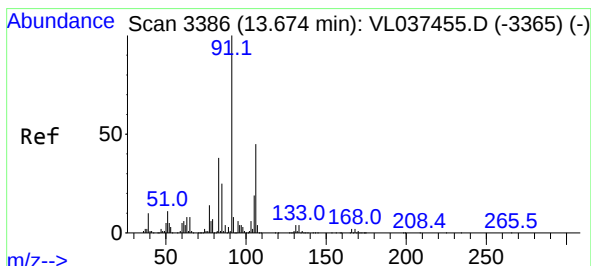
Tgt Ion: 91 Resp: 419253  
Ion Ratio Lower Upper  
91 100  
106 0.0 36.9 55.3#



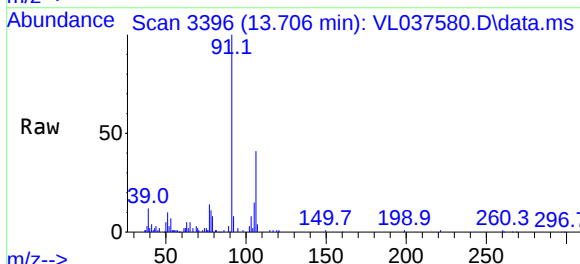
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA-2

Manual Integrations  
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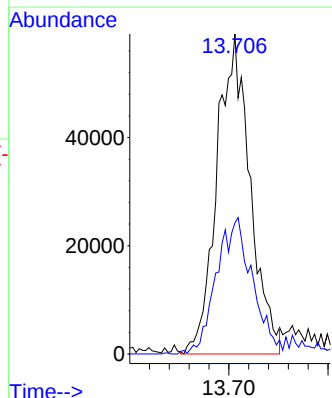
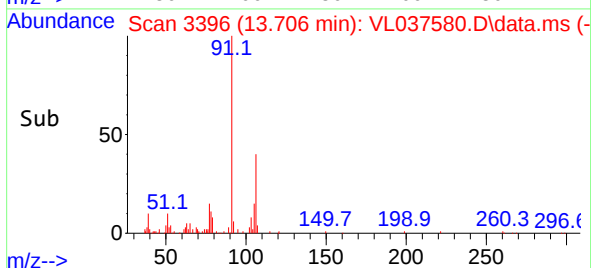
MMDadoda  
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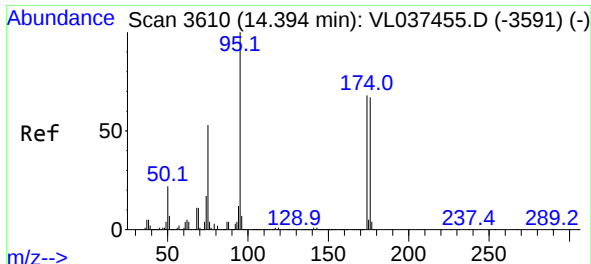


#60  
o-Xylene  
Concen: 0.303 ppbv m  
RT: 13.706 min Scan# 3396  
Delta R.T. 0.032 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31



Tgt Ion: 91 Resp: 137128  
Ion Ratio Lower Upper  
91 100  
106 47.6 23.7 71.1





#68  
1-Bromo-4-Fluorobenzene  
Concen: 9.940 ppbv  
RT: 14.426 min Scan# 3620  
Delta R.T. 0.032 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

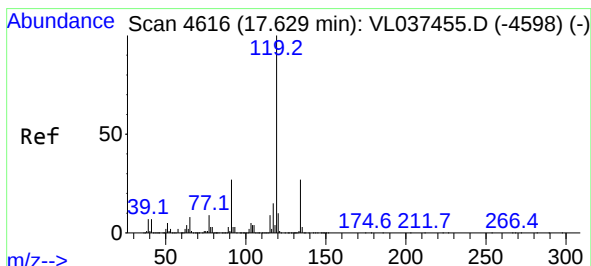
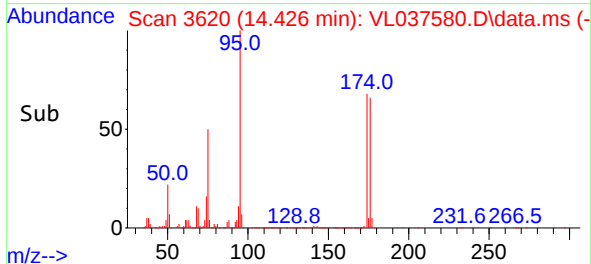
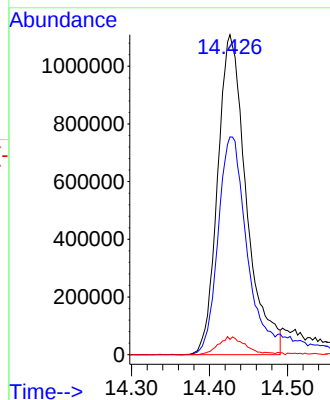
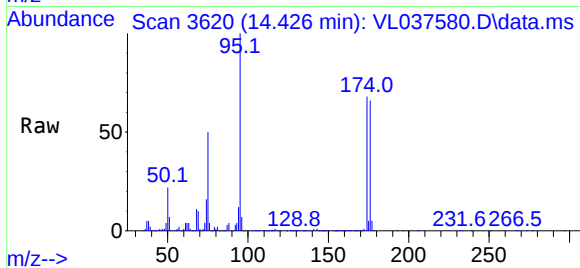
Tgt Ion: 95 Resp: 2843417

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 76.8  | 59.6  | 89.4  |
| 175 | 6.0   | 4.6   | 7.0   |

Instrument :  
MSVOA\_L  
ClientSampled :  
IA-2

Manual Integrations  
APPROVED

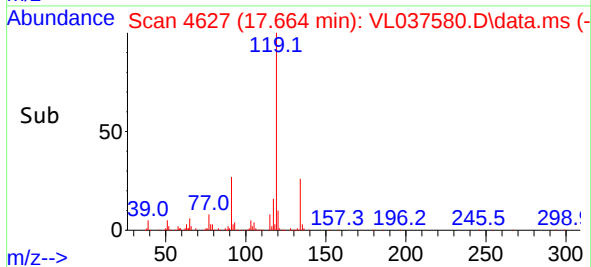
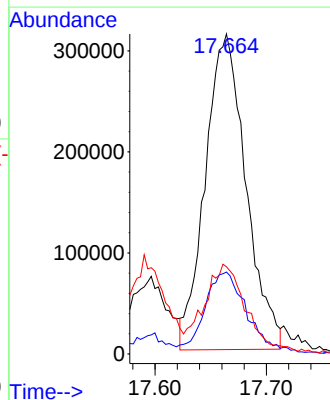
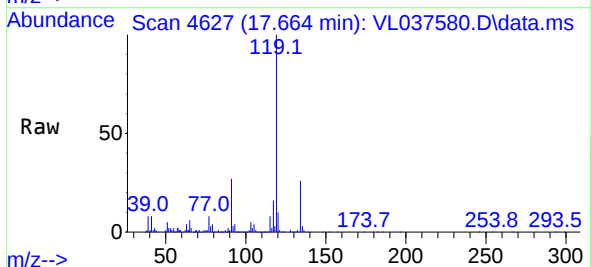
MMDadoda  
9/10/2021 10:52:48 AM

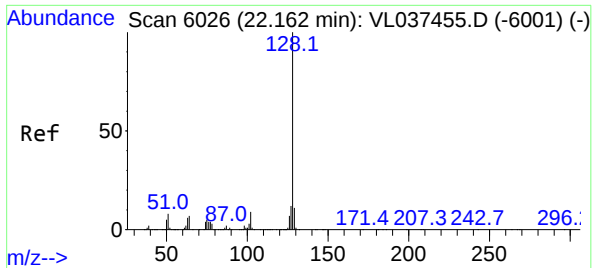


#69  
p-Isopropyltoluene  
Concen: 1.198 ppbv  
RT: 17.664 min Scan# 4627  
Delta R.T. 0.035 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31

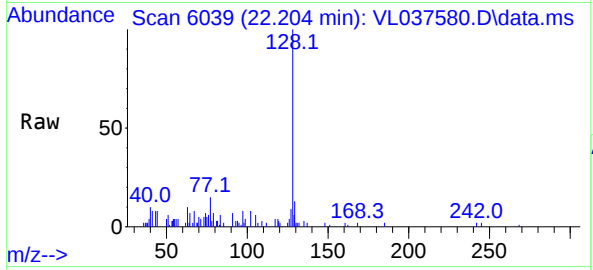
Tgt Ion: 119 Resp: 792416

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 134 | 27.6  | 21.1  | 31.7  |
| 91  | 30.0  | 22.4  | 33.6  |

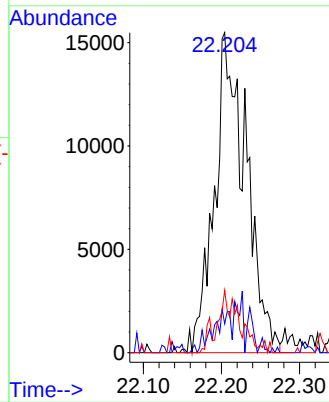
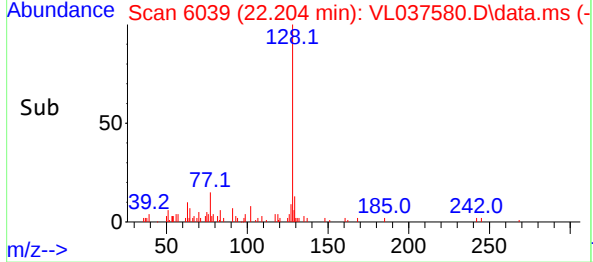




#79  
Naphthalene  
Concen: 0.122 ppbv m  
RT: 22.204 min Scan# 6039  
Delta R.T. 0.042 min  
Lab File: VL037580.D  
Acq: 8 Sep 2021 20:31



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 43586 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 9.0   | 9.4   | 14.2# |
| 129      | 13.1  | 8.8   | 13.2  |



Instrument :  
MSVOA\_L  
ClientSampleId :  
IA-2

Manual Integrations  
APPROVED

MMDadoda  
9/10/2021 10:52:48 AM