

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL072623\  
 Data File : VL040565.D  
 Acq On : 27 Jul 2023 7:30  
 Operator : SY/MD  
 Sample : 03696-01DUP  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV-16-20230719DUP

Quant Time: Jul 27 08:28:28 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL071023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 2

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/27/2023  
 Supervised By : Mahesh Dadoda 07/27/2023

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.182  | 49    | 1148194  | 10.000   | ppbv   | -0.02    |
| 33) 1,4-Difluorobenzene     | 6.645  | 114   | 3062509  | 10.000   | ppbv   | -0.02    |
| 55) Chlorobenzene-d5        | 11.458 | 117   | 2748716  | 10.000   | ppbv   | -0.02    |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.770 | 95    | 2120023  | 9.745    | ppbv   | -0.01    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 97.500%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 2.716  | 85    | 55986    | 0.244    | ppbv   | 99       |
| 3) Chlorodifluoromethane    | 2.658  | 51    | 108341m  | 0.595    | ppbv   |          |
| 4) Chloromethane            | 2.796  | 50    | 34933    | 0.485    | ppbv   | 89       |
| 9) Propene                  | 2.681  | 41    | 1418549  | 22.768   | ppbv   | 90       |
| 10) Heptane                 | 7.574  | 43    | 242687   | 1.764    | ppbv   | 96       |
| 11) Trichlorofluoromethane  | 3.549  | 101   | 45114    | 0.243    | ppbv   | 96       |
| 13) Ethanol                 | 3.221  | 45    | 1219313  | 89.947   | ppbv   | 98       |
| 15) Acetone                 | 3.449  | 43    | 3594911  | 27.200   | ppbv   | 98       |
| 19) Isopropyl Alcohol       | 3.562  | 45    | 941463   | 12.408   | ppbv # | 1        |
| 20) Methylene Chloride      | 3.922  | 84    | 511946   | 9.106    | ppbv   | 97       |
| 25) Ethyl Acetate           | 5.198  | 43    | 652896   | 2.595    | ppbv # | 88       |
| 26) Hexane                  | 5.201  | 57    | 665494   | 5.693    | ppbv # | 54       |
| 27) Carbon Disulfide        | 4.111  | 76    | 95982    | 0.698    | ppbv # | 97       |
| 29) Chloroform              | 5.263  | 83    | 1767942  | 9.119    | ppbv   | 97       |
| 30) Cyclohexane             | 6.594  | 84    | 64165m   | 0.660    | ppbv   |          |
| 34) 2-Butanone              | 4.774  | 43    | 510653   | 3.374    | ppbv   | 100      |
| 35) Carbon Tetrachloride    | 6.484  | 117   | 10161m   | 0.055    | ppbv   |          |
| 36) Benzene                 | 6.359  | 78    | 398448   | 1.617    | ppbv   | 95       |
| 44) 2,2,4-Trimethylpentane  | 7.317  | 57    | 176710m  | 0.446    | ppbv   |          |
| 50) 4-Methyl-2-Pentanone    | 8.185  | 43    | 57312    | 0.261    | ppbv   | 98       |
| 52) Tetrachloroethene       | 10.606 | 164   | 26664    | 0.334    | ppbv # | 85       |
| 53) Toluene                 | 9.214  | 91    | 1463119  | 5.466    | ppbv   | 99       |
| 58) Ethyl Benzene           | 12.082 | 91    | 410393   | 1.190    | ppbv   | 99       |
| 59) m/p-Xylene              | 12.339 | 91    | 1270477  | 4.127    | ppbv   | 96       |
| 60) o-Xylene                | 13.050 | 91    | 488808   | 1.667    | ppbv   | 99       |
| 61) Styrene                 | 12.896 | 104   | 38712m   | 0.286    | ppbv   |          |
| 69) p-Isopropyltoluene      | 16.989 | 119   | 271438   | 0.574    | ppbv   | 100      |
| 72) 4-Ethyltoluene          | 15.191 | 105   | 156223   | 0.454    | ppbv   | 96       |
| 73) 1,3,5-Trimethylbenzene  | 15.343 | 105   | 107069   | 0.353    | ppbv   | 87       |
| 74) 1,2,4-Trimethylbenzene  | 16.105 | 105   | 522346   | 1.478    | ppbv # | 62       |
| 79) Naphthalene             | 21.381 | 128   | 56350m   | 0.188    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

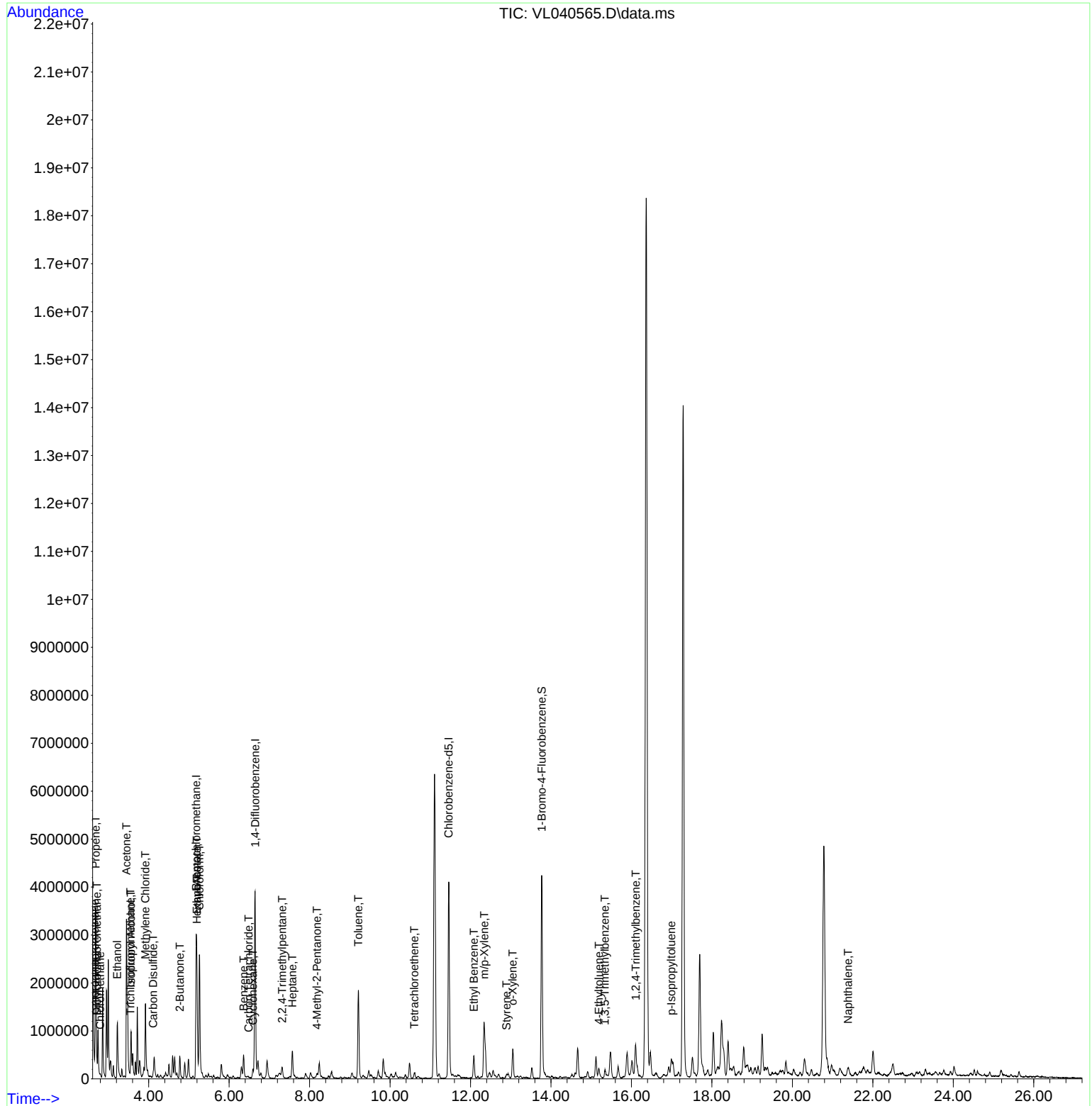
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL072623\  
Data File : VL040565.D  
Acq On : 27 Jul 2023 7:30  
Operator : SY/MD  
Sample : 03696-01DUP  
Misc : 400mL/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

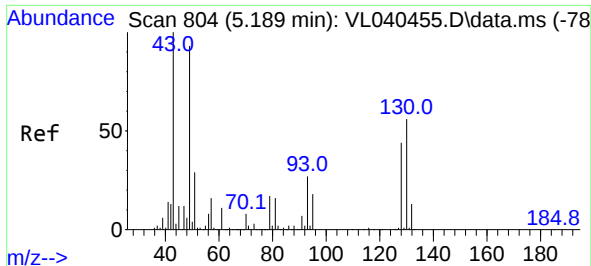
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV-16-20230719DUP

Quant Time: Jul 27 08:28:28 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL071023AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug  
QLast Update : Mon Jul 10 16:32:00 2023  
Response via : Initial Calibration

Manual Integrations  
APPROVED

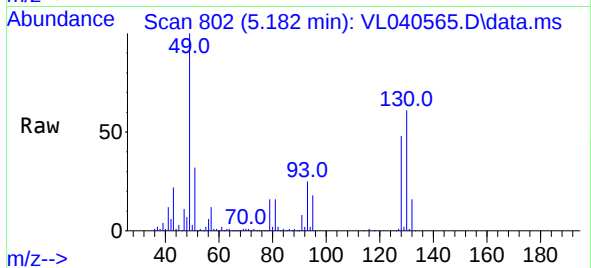
Reviewed By : Semsettin Yesilyurt 07/27/2023  
Supervised By : Mahesh Dadoda 07/27/2023





#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.182 min Scan# 804  
Delta R.T. -0.020 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

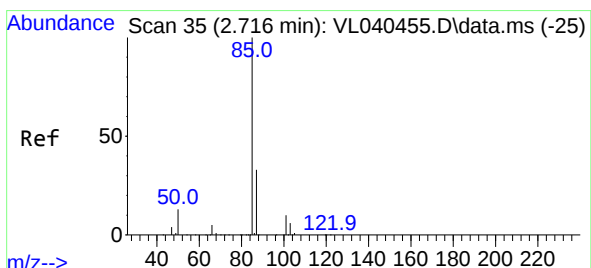
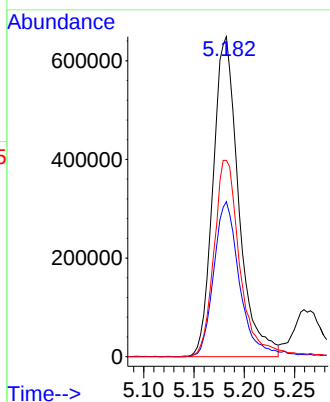
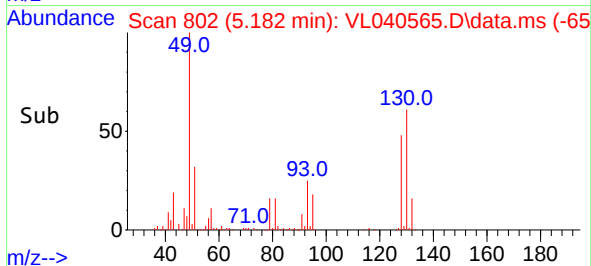
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV-16-20230719DUP



Tgt Ion: 49 Resp: 1148194  
Ion Ratio Lower Upper  
49 100  
128 50.2 25.1 75.4  
130 63.6 31.6 94.7

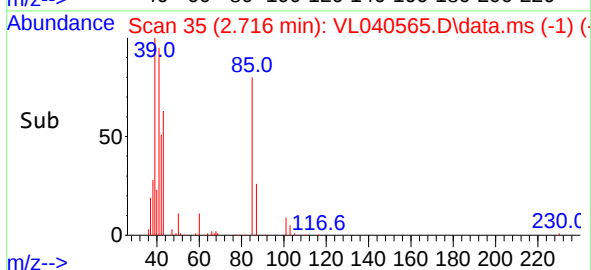
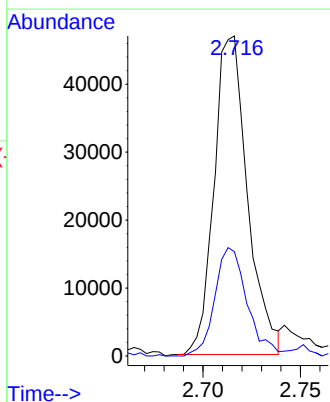
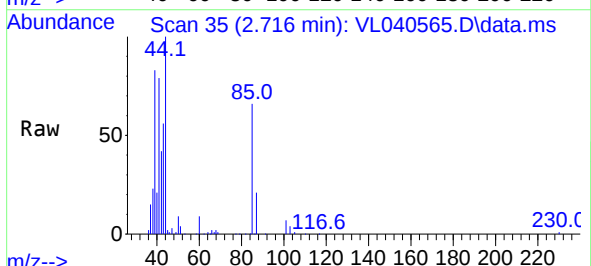
Manual Integrations  
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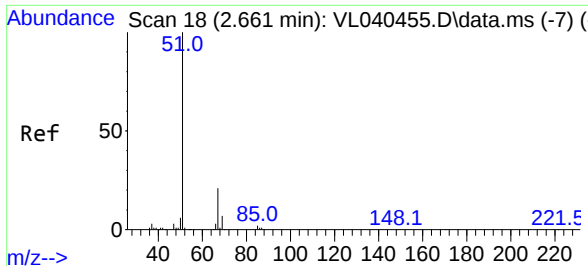
Reviewed By :Semsettin Yesilyurt 07/27/2023  
Supervised By :Mahesh Dadoda 07/27/2023



#2  
Dichlorodifluoromethane  
Concen: 0.244 ppbv  
RT: 2.716 min Scan# 35  
Delta R.T. -0.023 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

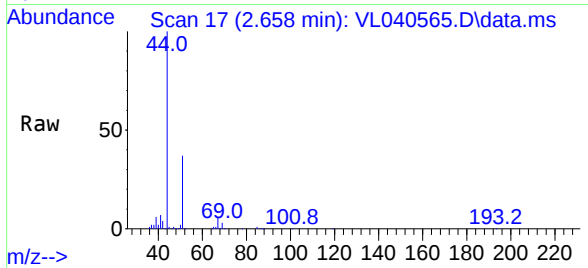
Tgt Ion: 85 Resp: 55986  
Ion Ratio Lower Upper  
85 100  
87 32.8 26.8 40.2





#3  
Chlorodifluoromethane  
Concen: 0.595 ppbv m  
RT: 2.658 min Scan# 11  
Delta R.T. -0.026 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

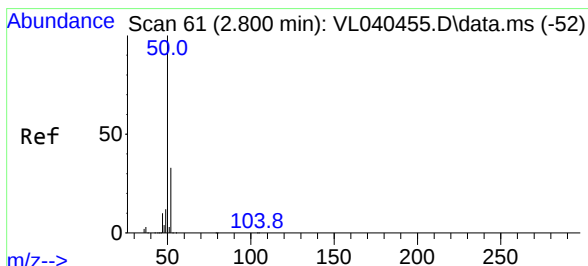
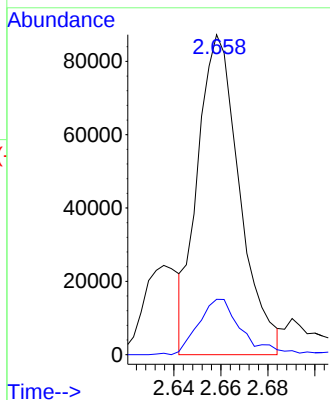
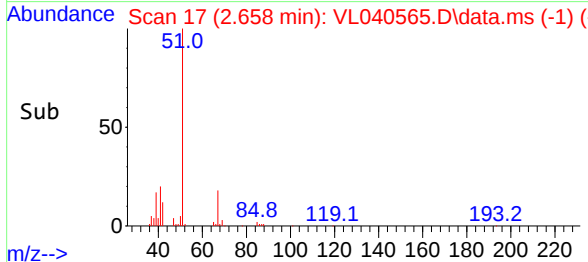
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV-16-20230719DUP



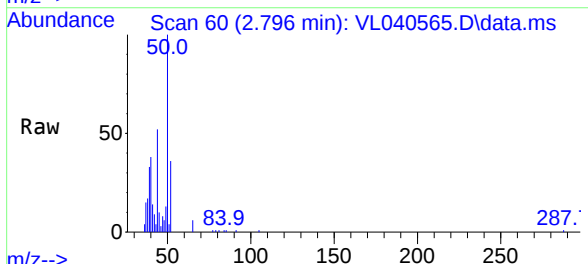
Tgt Ion: 51 Resp: 10834  
Ion Ratio Lower Upper  
51 100  
67 1.5 14.6 21.8

Manual Integrations  
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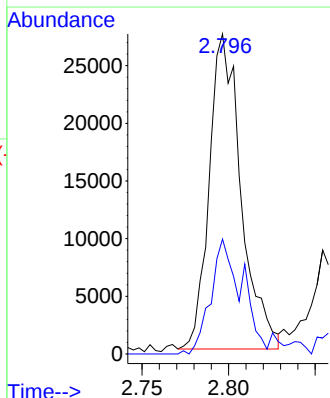
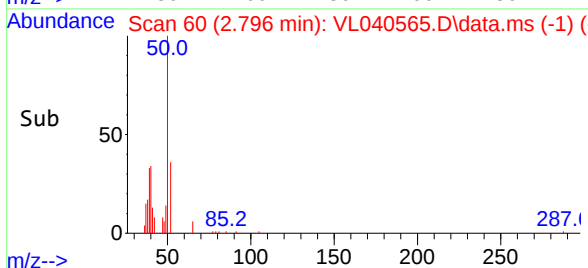
Reviewed By :Semsettin Yesilyurt 07/27/2023  
Supervised By :Mahesh Dadoda 07/27/2023



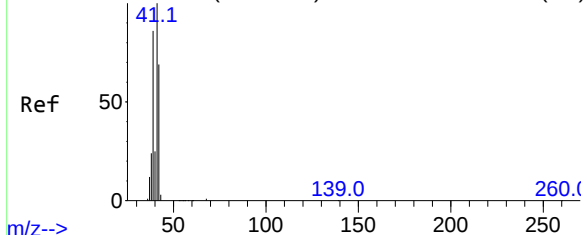
#4  
Chloromethane  
Concen: 0.485 ppbv  
RT: 2.796 min Scan# 60  
Delta R.T. -0.026 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30



Tgt Ion: 50 Resp: 34933  
Ion Ratio Lower Upper  
50 100  
52 36.5 24.4 36.6



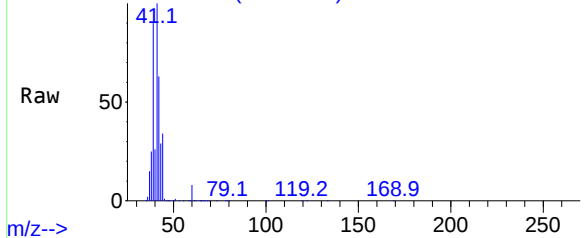
Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9  
Propene  
Concen: 22.768 ppbv  
RT: 2.681 min Scan# 24  
Delta R.T. -0.023 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

Instrument :  
MSVOA\_L  
ClientSampleId :  
SV-16-20230719DUP

Abundance Scan 24 (2.681 min): VL040565.D\data.ms

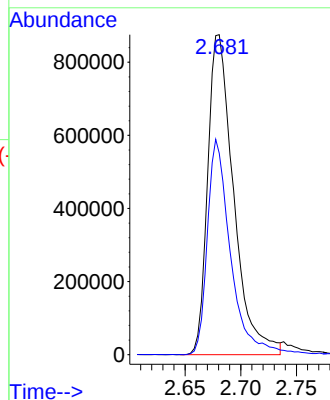
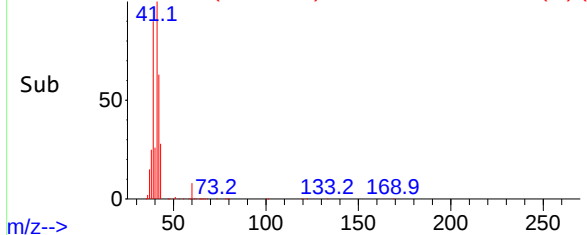


Tgt Ion: 41 Resp: 1418549  
Ion Ratio Lower Upper  
41 100  
42 60.6 55.0 82.6

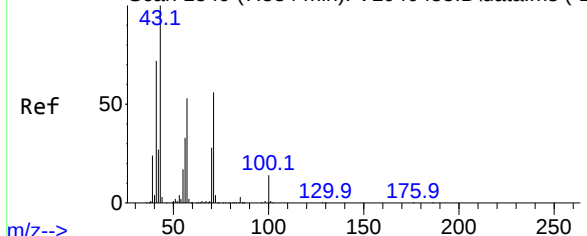
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Reviewed By :Semsettin Yesilyurt 07/27/2023  
Supervised By :Mahesh Dadoda 07/27/2023

Abundance Scan 24 (2.681 min): VL040565.D\data.ms (-1)



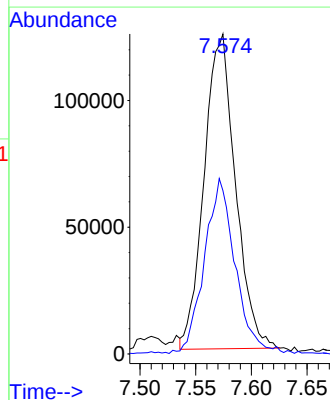
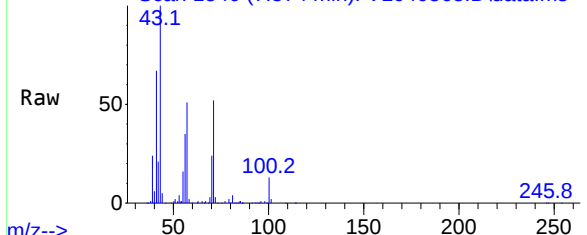
Abundance Scan 1549 (7.584 min): VL040455.D\data.ms (-1)



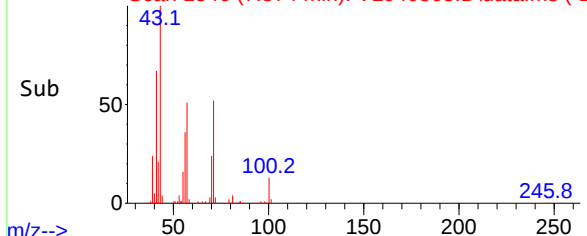
#10  
Heptane  
Concen: 1.764 ppbv  
RT: 7.574 min Scan# 1546  
Delta R.T. -0.016 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

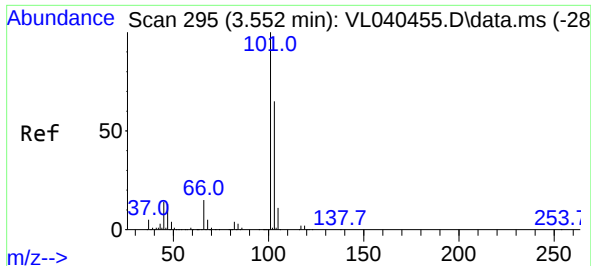
Tgt Ion: 43 Resp: 242687  
Ion Ratio Lower Upper  
43 100  
57 55.9 42.5 63.7

Abundance Scan 1546 (7.574 min): VL040565.D\data.ms



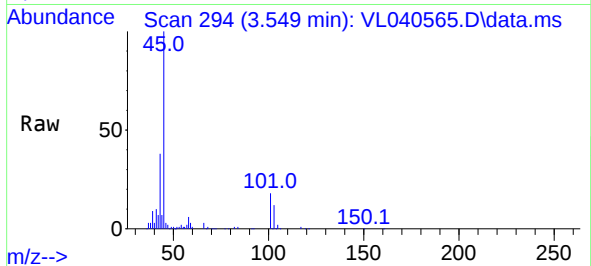
Abundance Scan 1546 (7.574 min): VL040565.D\data.ms (-1)





#11  
Trichlorofluoromethane  
Concen: 0.243 ppbv  
RT: 3.549 min Scan# 295  
Delta R.T. -0.023 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

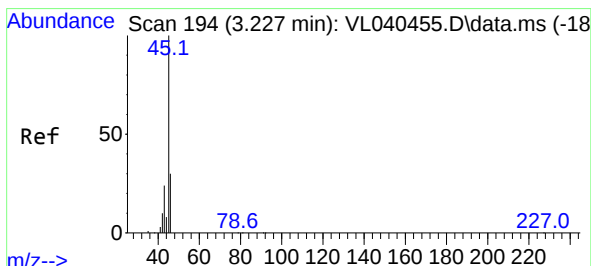
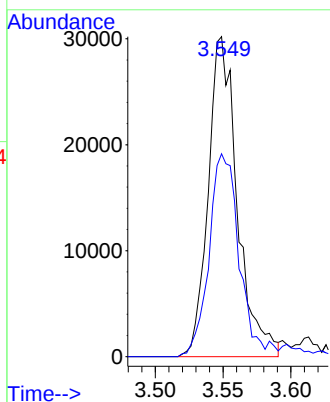
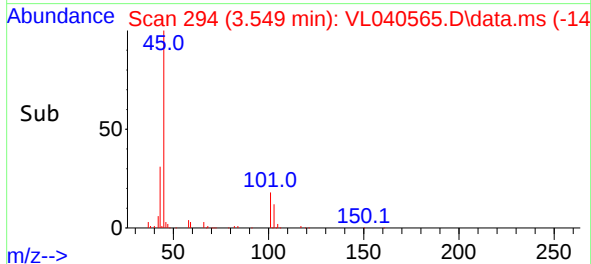
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV-16-20230719DUP



Tgt Ion:101 Resp: 45114  
Ion Ratio Lower Upper  
101 100  
103 63.4 53.4 80.0

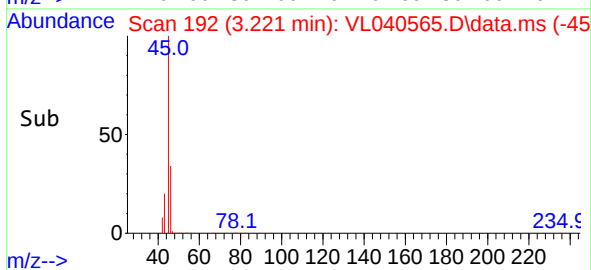
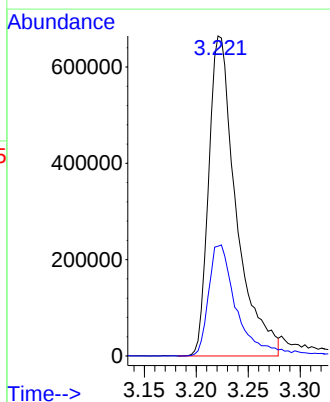
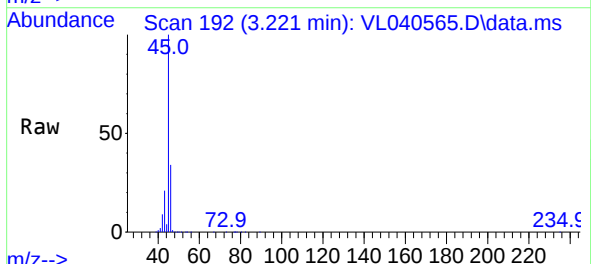
Manual Integrations  
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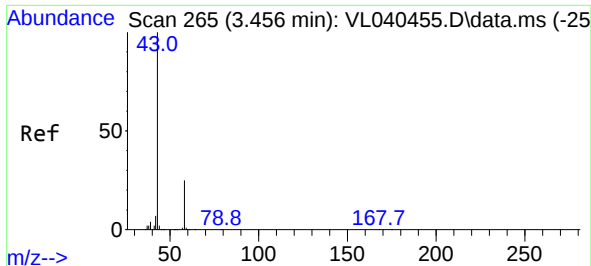
Reviewed By :Semsettin Yesilyurt 07/27/2023  
Supervised By :Mahesh Dadoda 07/27/2023



#13  
Ethanol  
Concen: 89.947 ppbv  
RT: 3.221 min Scan# 192  
Delta R.T. -0.026 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

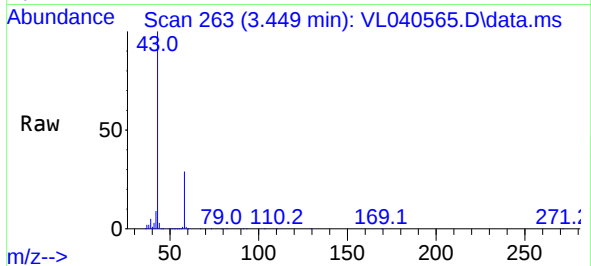
Tgt Ion: 45 Resp: 1219313  
Ion Ratio Lower Upper  
45 100  
46 37.0 15.3 61.1





#15  
Acetone  
Concen: 27.200 ppbv  
RT: 3.449 min Scan# 20  
Delta R.T. -0.026 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

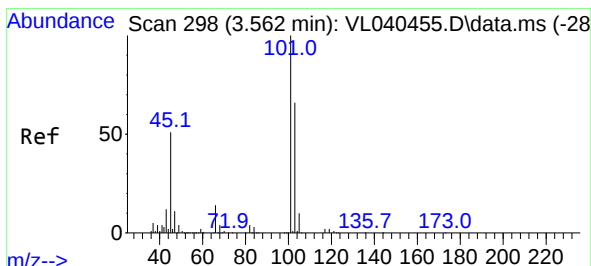
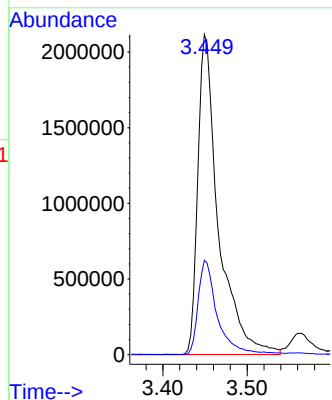
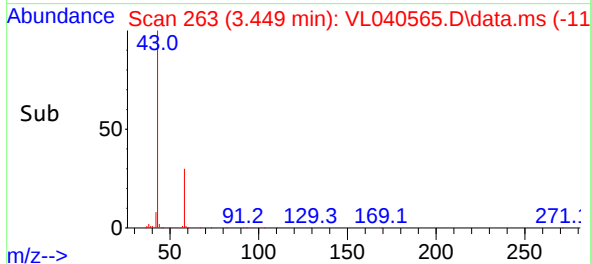
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV-16-20230719DUP



Tgt Ion: 43 Resp: 359491  
Ion Ratio Lower Upper  
43 100  
58 27.6 22.9 34.3

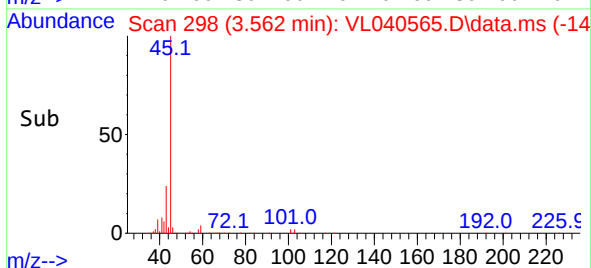
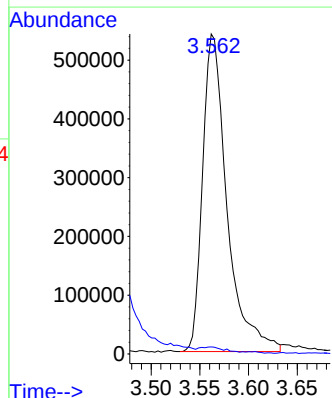
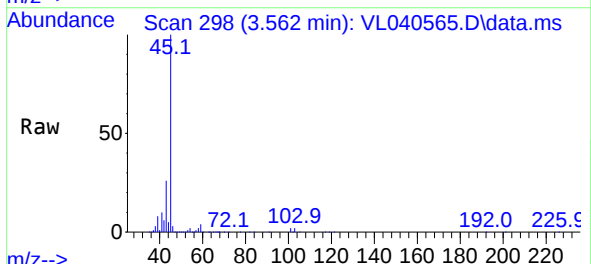
Manual Integrations  
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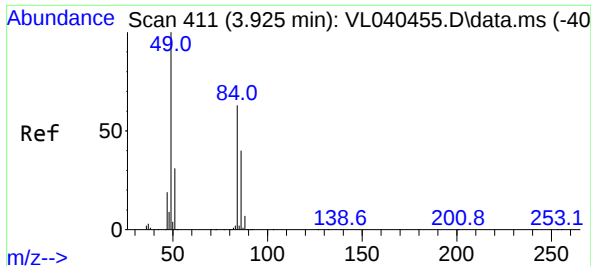
Reviewed By :Semsettin Yesilyurt 07/27/2023  
Supervised By :Mahesh Dadoda 07/27/2023



#19  
Isopropyl Alcohol  
Concen: 12.408 ppbv  
RT: 3.562 min Scan# 298  
Delta R.T. -0.019 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

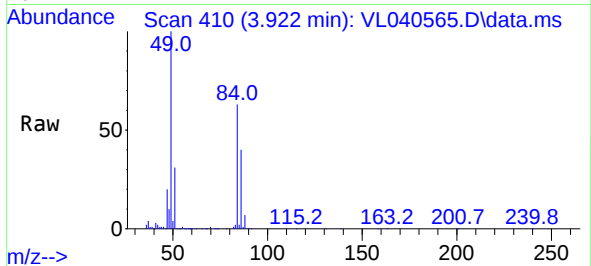
Tgt Ion: 45 Resp: 941463  
Ion Ratio Lower Upper  
45 100  
58 105.5 1.1 1.7#





#20  
Methylene Chloride  
Concen: 9.106 ppbv  
RT: 3.922 min Scan# 411  
Delta R.T. -0.019 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

Instrument :  
MSVOA\_L  
ClientSampleId :  
SV-16-20230719DUP

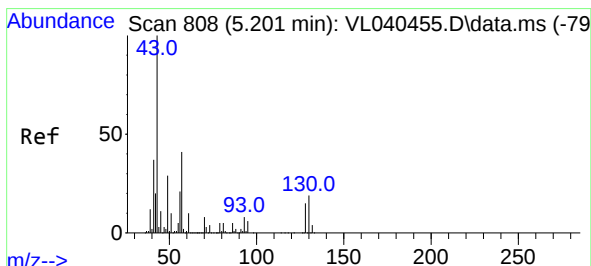
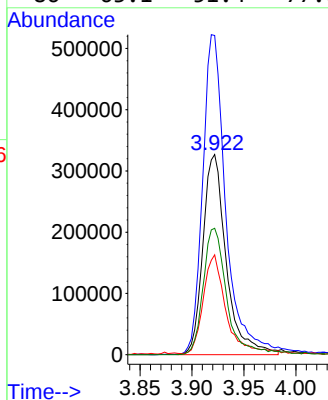
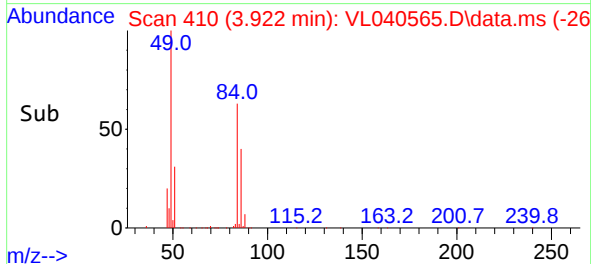


Tgt Ion: 84 Resp: 511940

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 159.1 | 123.4 | 185.2 |
| 51  | 48.7  | 38.3  | 57.5  |
| 86  | 63.1  | 51.4  | 77.0  |

Manual Integrations  
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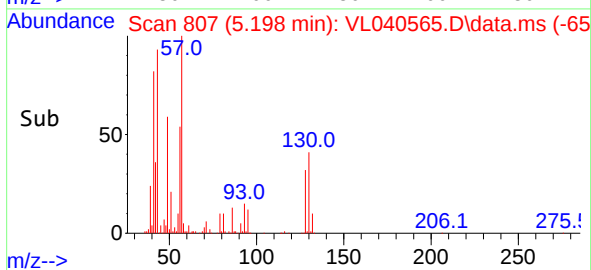
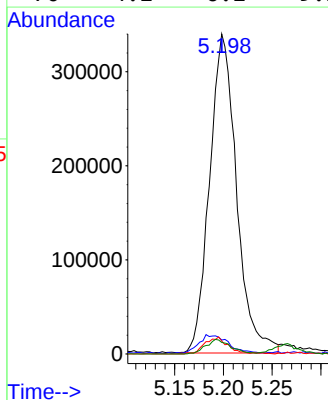
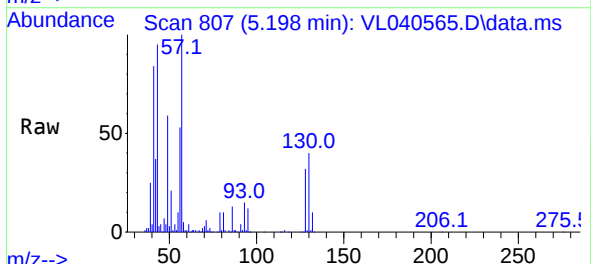
Reviewed By :Semsettin Yesilyurt 07/27/2023  
Supervised By :Mahesh Dadoda 07/27/2023

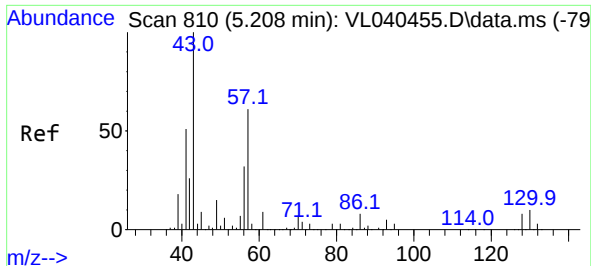


#25  
Ethyl Acetate  
Concen: 2.595 ppbv  
RT: 5.198 min Scan# 807  
Delta R.T. -0.013 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

Tgt Ion: 43 Resp: 652896

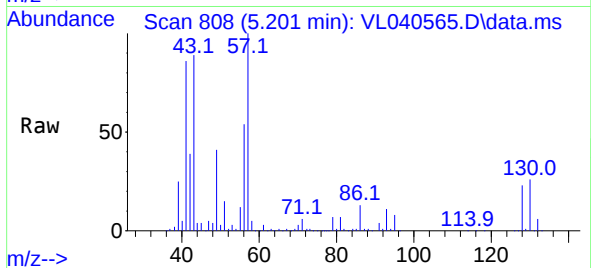
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 45  | 6.3   | 8.2   | 12.4# |
| 61  | 4.7   | 8.3   | 12.5# |
| 70  | 4.2   | 6.2   | 9.2#  |





#26  
Hexane  
Concen: 5.693 ppbv  
RT: 5.201 min Scan# 808  
Delta R.T. -0.019 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

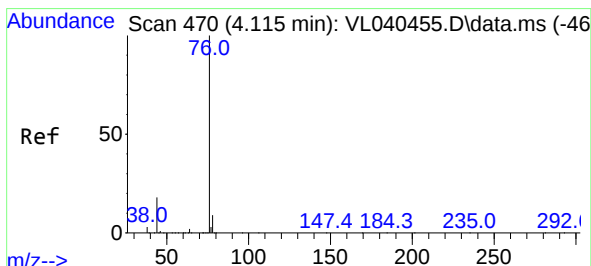
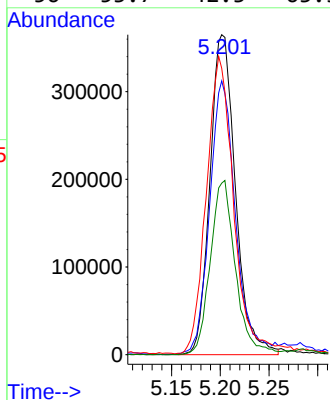
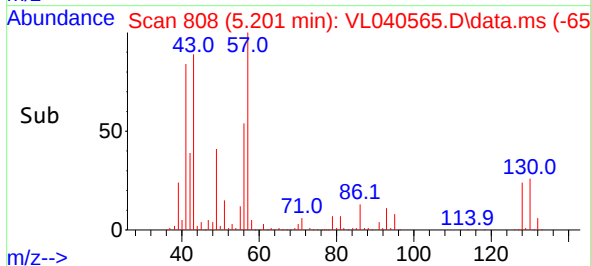
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV-16-20230719DUP



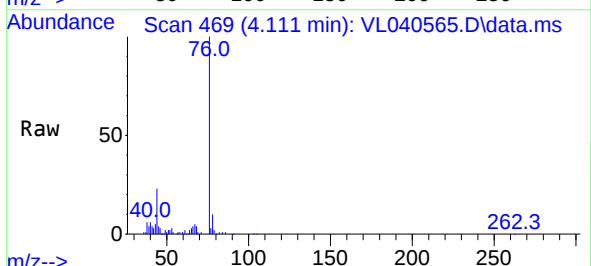
Tgt Ion: 57 Resp: 665494  
Ion Ratio Lower Upper  
57 100  
41 88.5 69.5 104.3  
43 100.7 177.1 265.7  
56 53.7 42.3 63.5

Manual Integrations  
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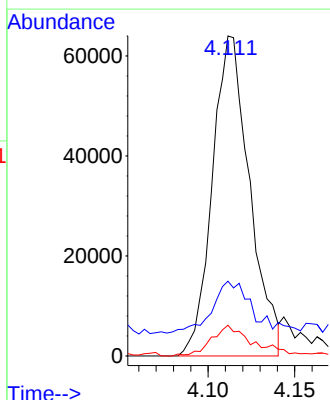
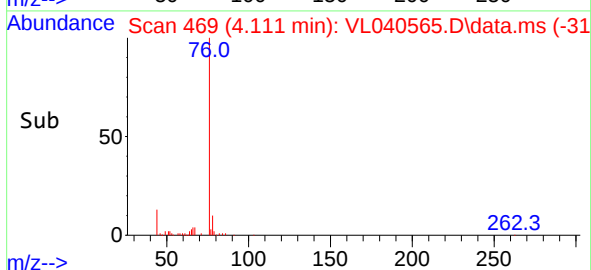
Reviewed By :Semsettin Yesilyurt 07/27/2023  
Supervised By :Mahesh Dadoda 07/27/2023

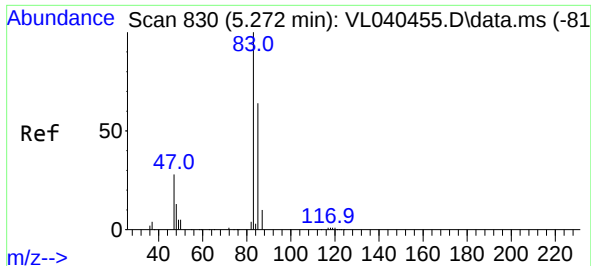


#27  
Carbon Disulfide  
Concen: 0.698 ppbv  
RT: 4.111 min Scan# 469  
Delta R.T. -0.019 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30



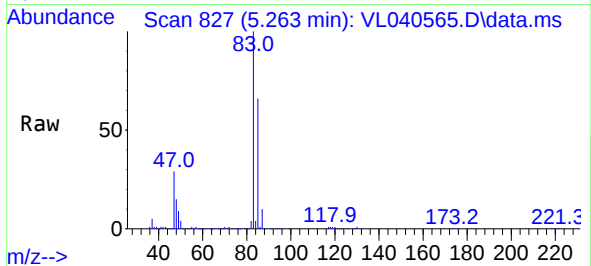
Tgt Ion: 76 Resp: 95982  
Ion Ratio Lower Upper  
76 100  
44 18.8 15.1 22.7  
78 12.4 7.5 11.3





#29  
Chloroform  
Concen: 9.119 ppbv  
RT: 5.263 min Scan# 81  
Delta R.T. -0.023 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

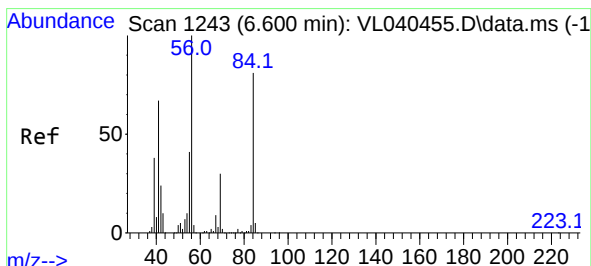
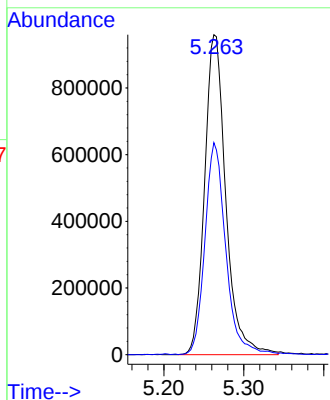
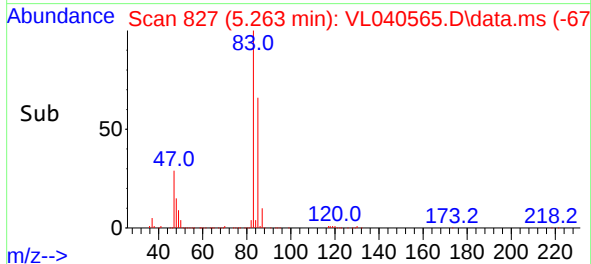
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV-16-20230719DUP



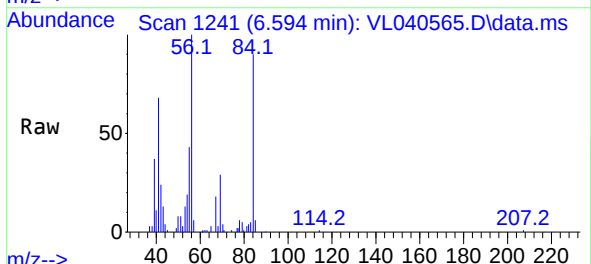
Tgt Ion: 83 Resp: 176794  
Ion Ratio Lower Upper  
83 100  
85 66.2 51.1 76.7

Manual Integrations  
APPROVED

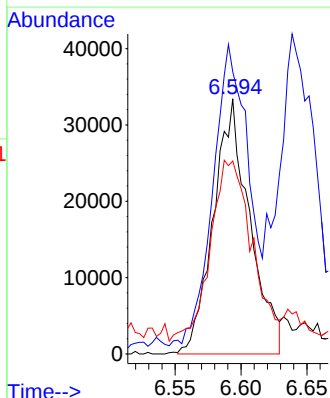
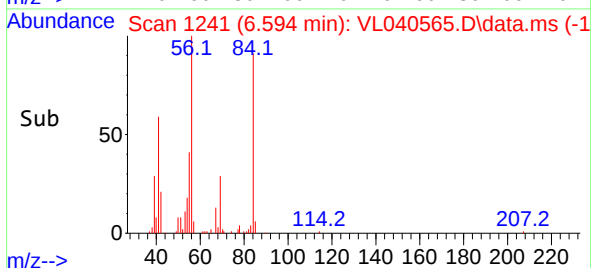
Reviewed By :Semsettin Yesilyurt 07/27/2023  
Supervised By :Mahesh Dadoda 07/27/2023

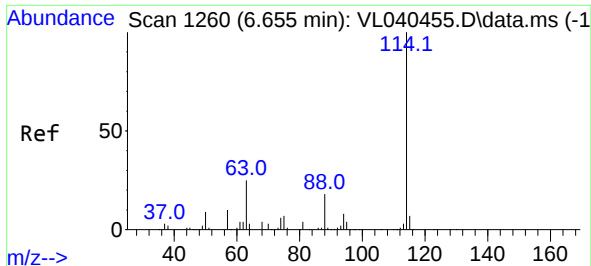


#30  
Cyclohexane  
Concen: 0.660 ppbv m  
RT: 6.594 min Scan# 1241  
Delta R.T. -0.016 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30



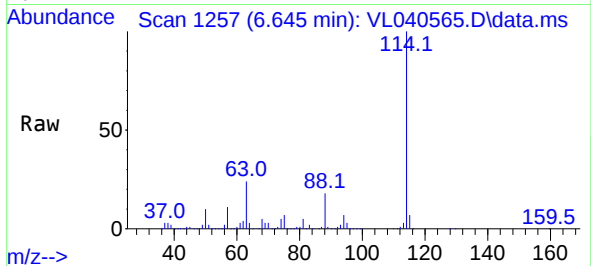
Tgt Ion: 84 Resp: 64165  
Ion Ratio Lower Upper  
84 100  
56 0.0 108.7 163.1#  
41 94.3 64.5 96.7





#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 6.645 min Scan# 114  
Delta R.T. -0.019 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

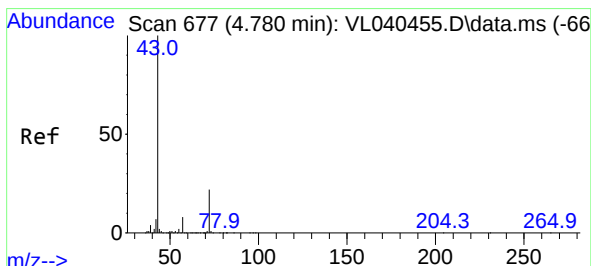
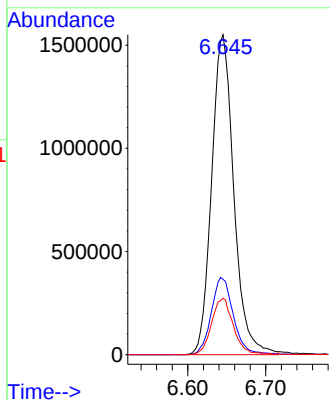
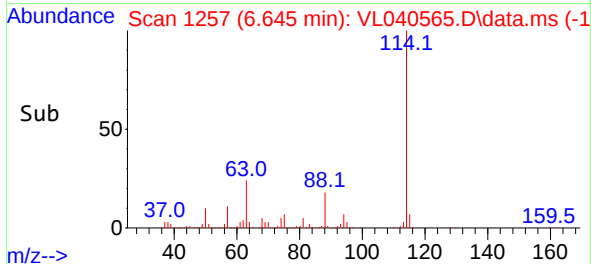
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV-16-20230719DUP



Tgt Ion:114 Resp: 3062509  
Ion Ratio Lower Upper  
114 100  
63 24.3 19.6 29.4  
88 17.6 14.2 21.2

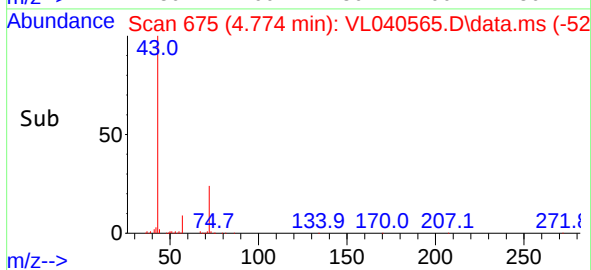
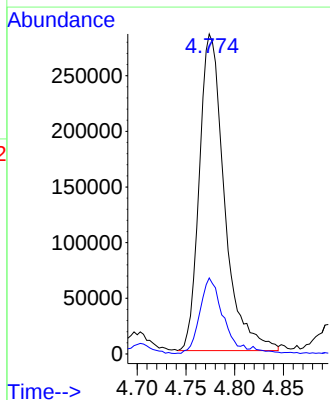
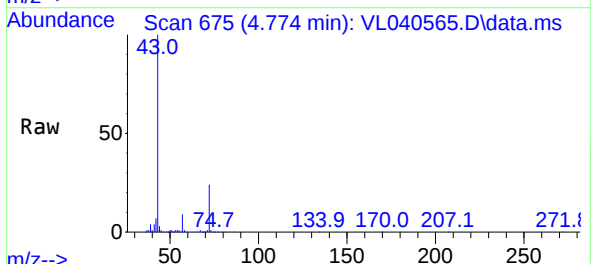
Manual Integrations  
APPROVED

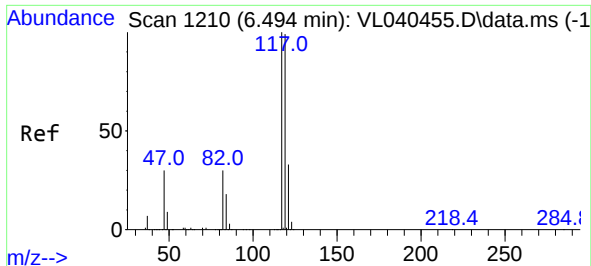
Reviewed By :Semsettin Yesilyurt 07/27/2023  
Supervised By :Mahesh Dadoda 07/27/2023



#34  
2-Butanone  
Concen: 3.374 ppbv  
RT: 4.774 min Scan# 675  
Delta R.T. -0.019 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

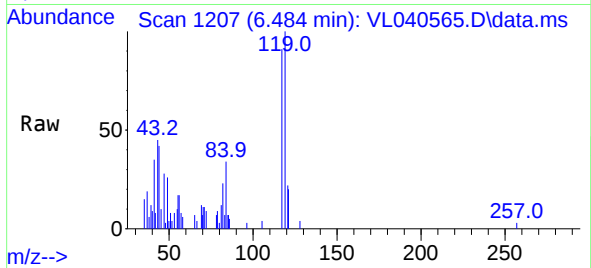
Tgt Ion: 43 Resp: 510653  
Ion Ratio Lower Upper  
43 100  
72 23.8 19.1 28.7





#35  
Carbon Tetrachloride  
Concen: 0.055 ppbv m  
RT: 6.484 min Scan# 1168  
Delta R.T. -0.019 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

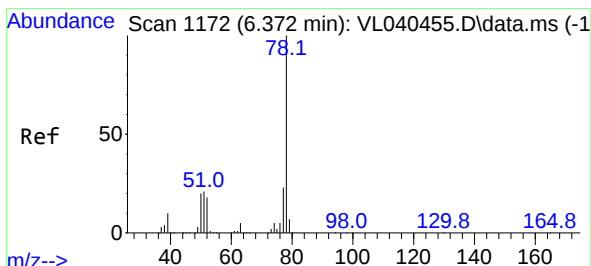
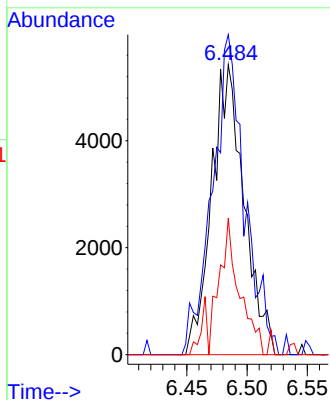
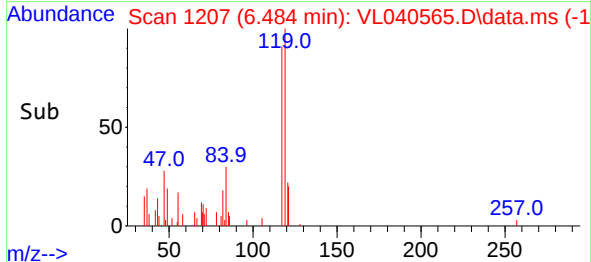
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV-16-20230719DUP



Tgt Ion: 117 Resp: 1016  
Ion Ratio Lower Upper  
117 100  
119 110.3 77.8 116.6  
121 24.7 24.8 37.2

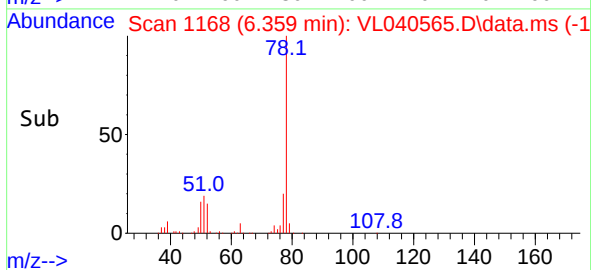
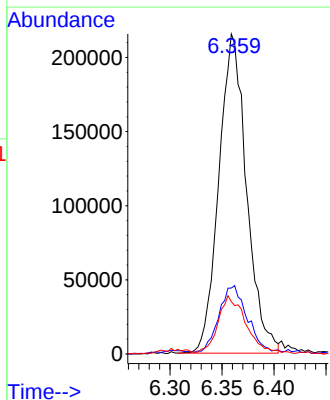
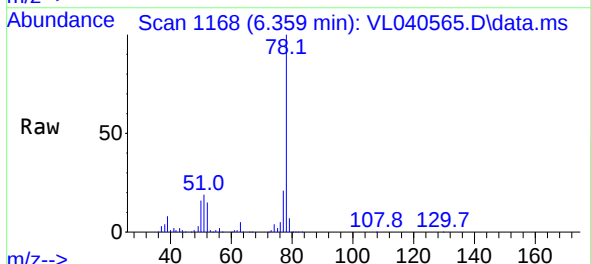
Manual Integrations  
APPROVED

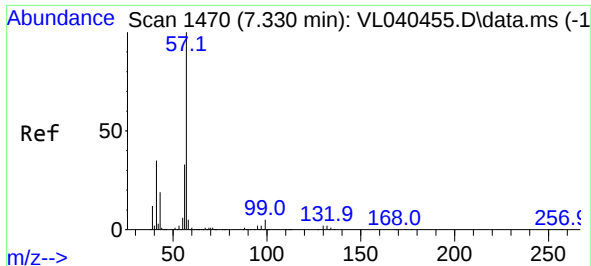
Reviewed By :Semsettin Yesilyurt 07/27/2023  
Supervised By :Mahesh Dadoda 07/27/2023



#36  
Benzene  
Concen: 1.617 ppbv  
RT: 6.359 min Scan# 1168  
Delta R.T. -0.023 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

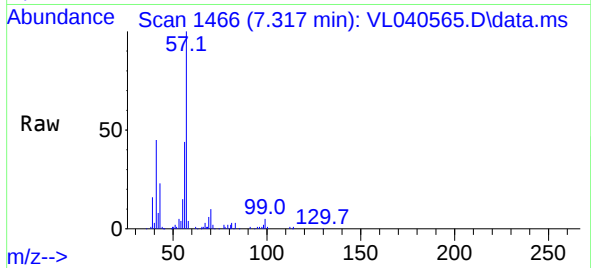
Tgt Ion: 78 Resp: 398448  
Ion Ratio Lower Upper  
78 100  
77 19.5 17.4 26.0  
50 15.2 14.4 21.6





#44  
2,2,4-Trimethylpentane  
Concen: 0.446 ppbv m  
RT: 7.317 min Scan# 1470  
Delta R.T. -0.019 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

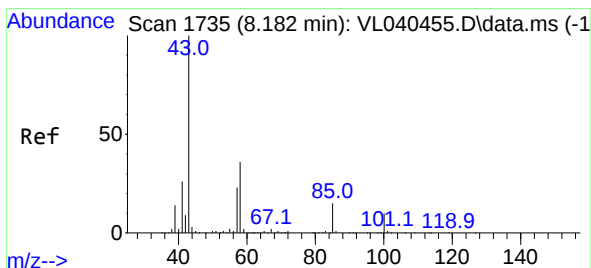
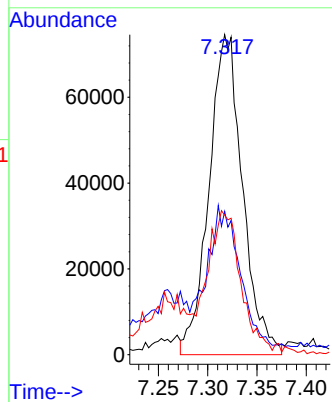
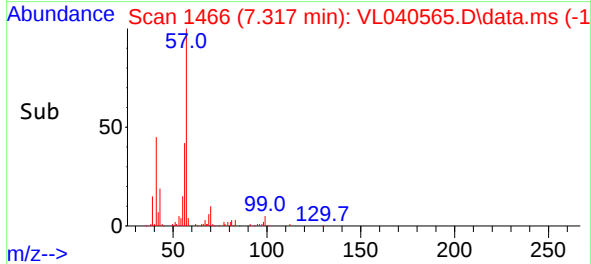
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV-16-20230719DUP



Tgt Ion: 57 Resp: 176710  
Ion Ratio Lower Upper  
57 100  
41 49.1 25.5 38.3  
56 42.9 25.1 37.7

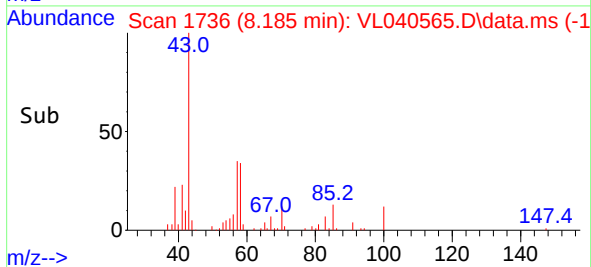
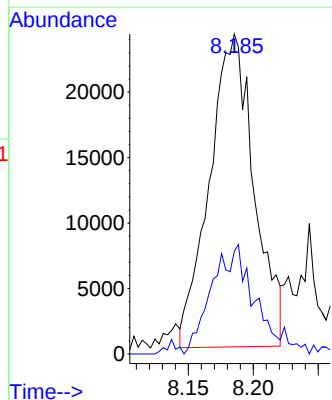
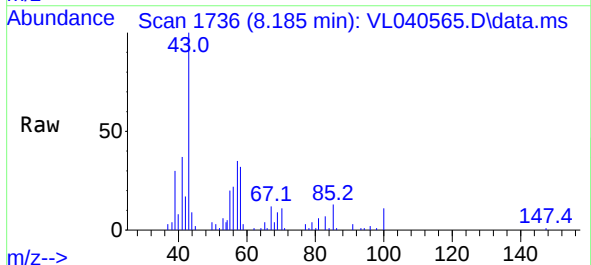
Manual Integrations  
APPROVED

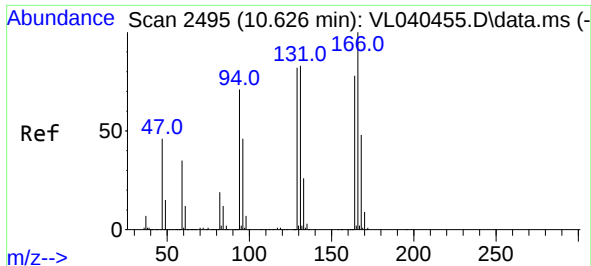
Reviewed By :Semsettin Yesilyurt 07/27/2023  
Supervised By :Mahesh Dadoda 07/27/2023



#50  
4-Methyl-2-Pentanone  
Concen: 0.261 ppbv  
RT: 8.185 min Scan# 1736  
Delta R.T. -0.006 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

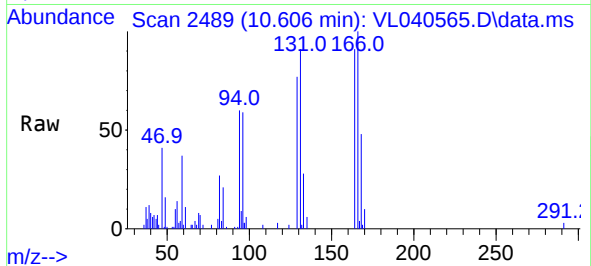
Tgt Ion: 43 Resp: 57312  
Ion Ratio Lower Upper  
43 100  
58 36.2 30.2 45.2





#52  
Tetrachloroethene  
Concen: 0.334 ppbv  
RT: 10.606 min Scan# 2495  
Delta R.T. -0.019 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

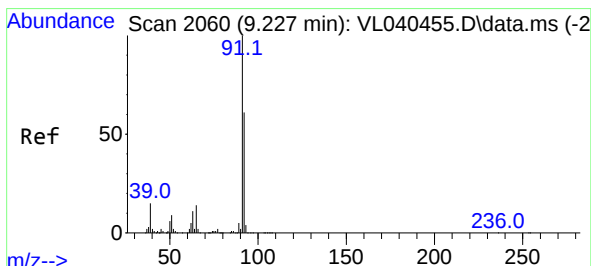
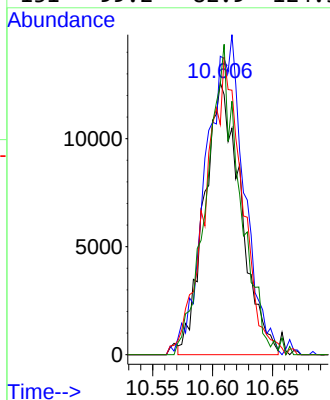
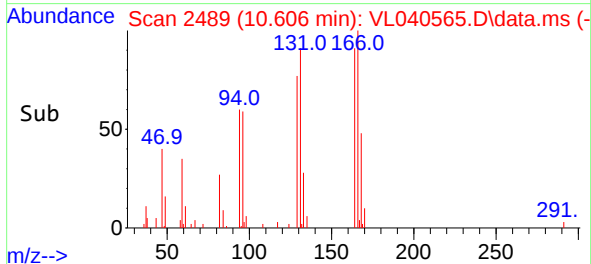
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV-16-20230719DUP



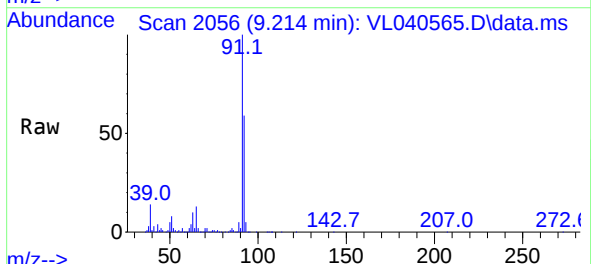
Tgt Ion:164 Resp: 26664  
Ion Ratio Lower Upper  
164 100  
166 109.6 103.9 155.9  
129 81.7 84.6 126.8  
131 99.2 82.9 124.3

Manual Integrations  
APPROVED

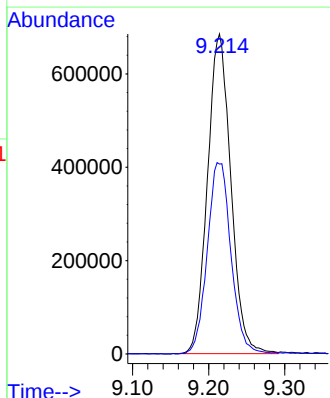
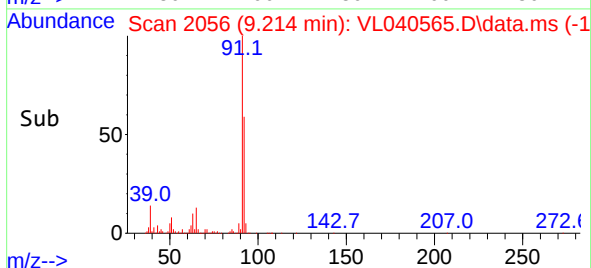
Reviewed By :Semsettin Yesilyurt 07/27/2023  
Supervised By :Mahesh Dadoda 07/27/2023

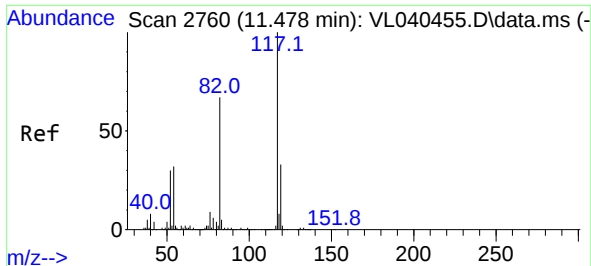


#53  
Toluene  
Concen: 5.466 ppbv  
RT: 9.214 min Scan# 2056  
Delta R.T. -0.016 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30



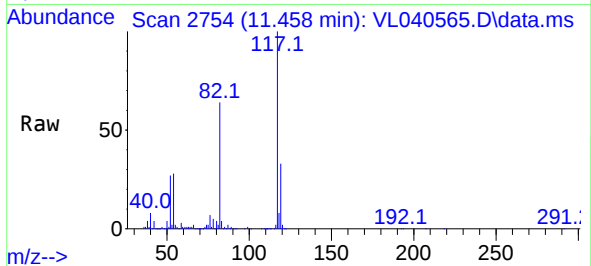
Tgt Ion: 91 Resp: 1463119  
Ion Ratio Lower Upper  
91 100  
92 61.0 49.1 73.7





#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 11.458 min Scan# 21  
Delta R.T. -0.019 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

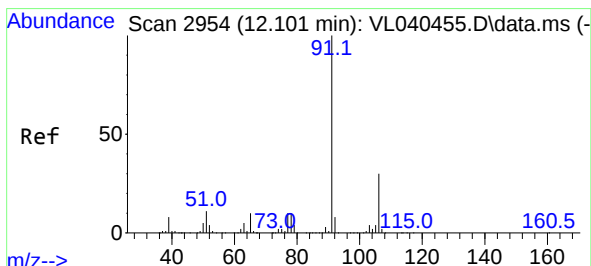
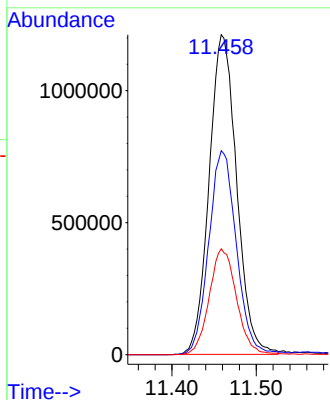
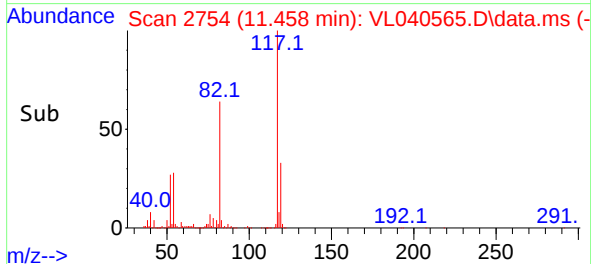
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV-16-20230719DUP



Tgt Ion:117 Resp: 2748710  
Ion Ratio Lower Upper  
117 100  
82 64.1 50.2 75.4  
119 33.3 26.9 40.3

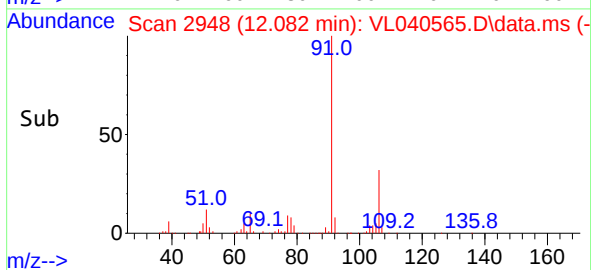
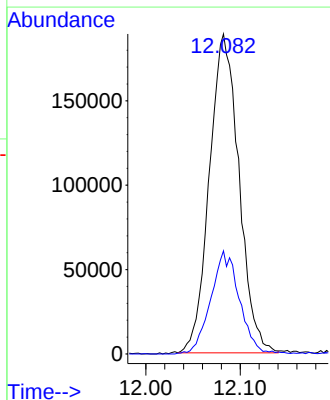
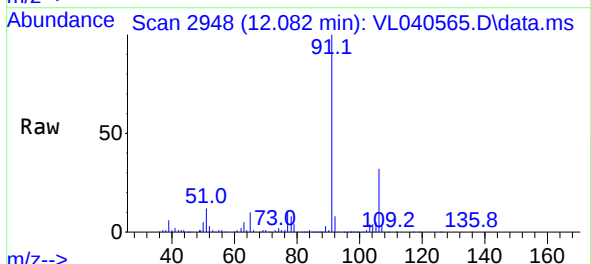
Manual Integrations  
APPROVED

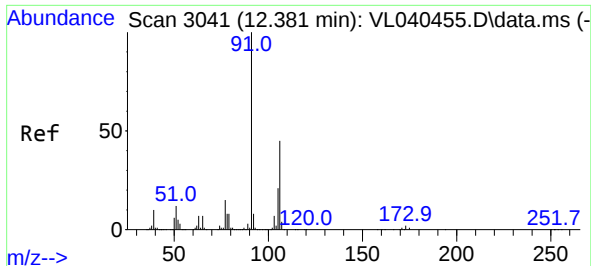
Reviewed By :Semsettin Yesilyurt 07/27/2023  
Supervised By :Mahesh Dadoda 07/27/2023



#58  
Ethyl Benzene  
Concen: 1.190 ppbv  
RT: 12.082 min Scan# 2948  
Delta R.T. -0.019 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

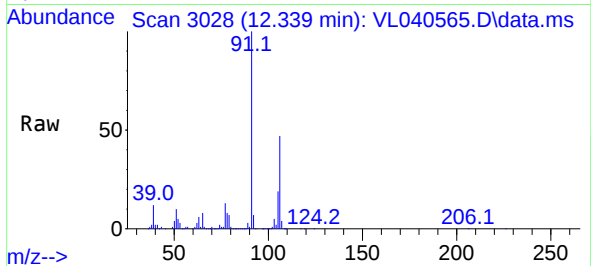
Tgt Ion: 91 Resp: 410393  
Ion Ratio Lower Upper  
91 100  
106 32.1 25.4 38.0





#59  
m/p-Xylene  
Concen: 4.127 ppbv  
RT: 12.339 min Scan# 3041  
Delta R.T. -0.045 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

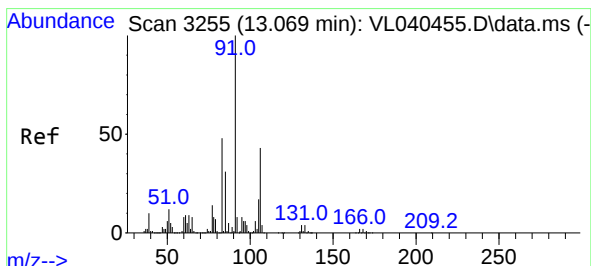
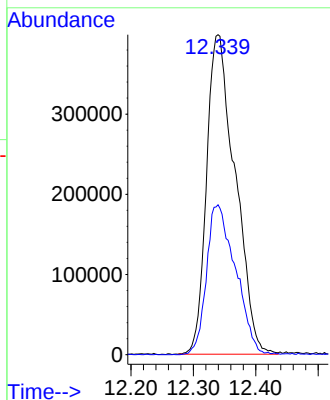
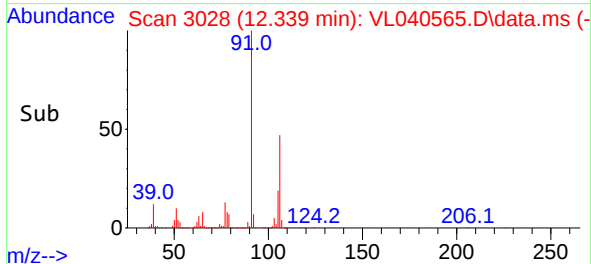
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV-16-20230719DUP



Tgt Ion: 91 Resp: 127047  
Ion Ratio Lower Upper  
91 100  
106 47.7 35.9 53.9

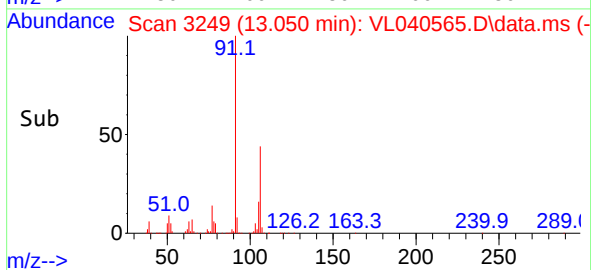
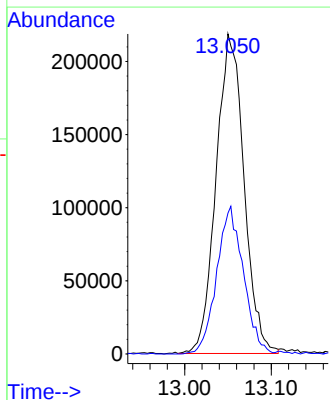
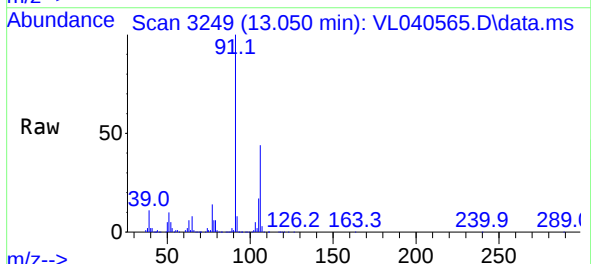
Manual Integrations  
APPROVED

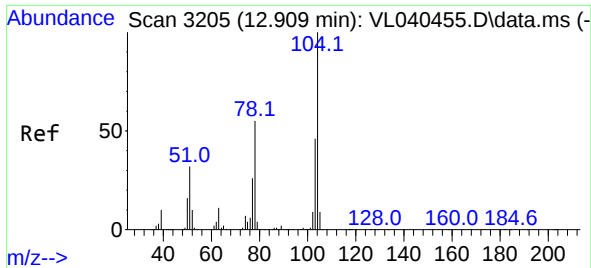
Reviewed By :Semsettin Yesilyurt 07/27/2023  
Supervised By :Mahesh Dadoda 07/27/2023



#60  
o-Xylene  
Concen: 1.667 ppbv  
RT: 13.050 min Scan# 3249  
Delta R.T. -0.019 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

Tgt Ion: 91 Resp: 488808  
Ion Ratio Lower Upper  
91 100  
106 44.7 22.7 68.0





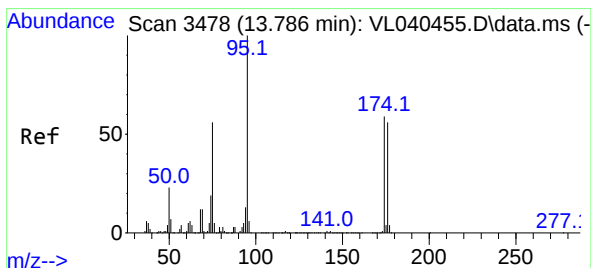
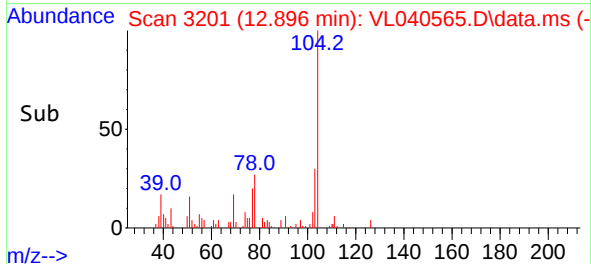
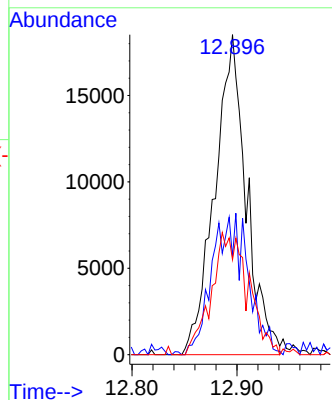
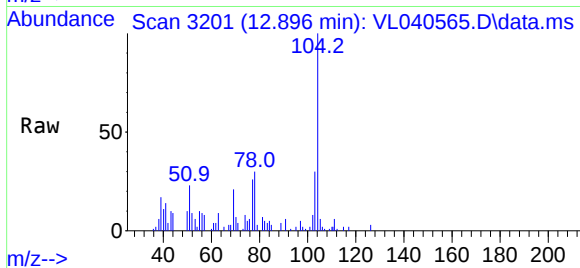
#61  
Styrene  
Concen: 0.286 ppbv m  
RT: 12.896 min Scan# 31  
Delta R.T. -0.016 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

Instrument :  
MSVOA\_L  
ClientSampleId :  
SV-16-20230719DUP

Tgt Ion:104 Resp: 3871  
Ion Ratio Lower Upper  
104 100  
78 52.0 40.1 60.1  
103 45.2 37.0 55.4

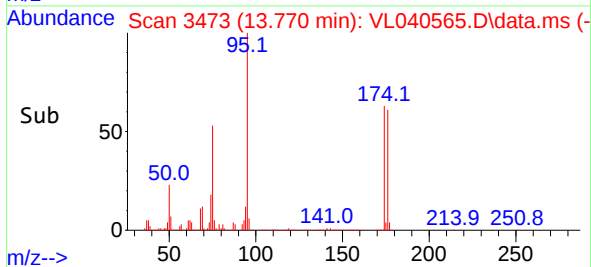
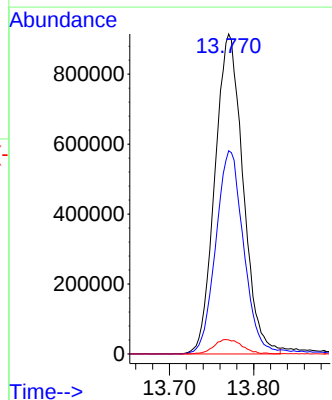
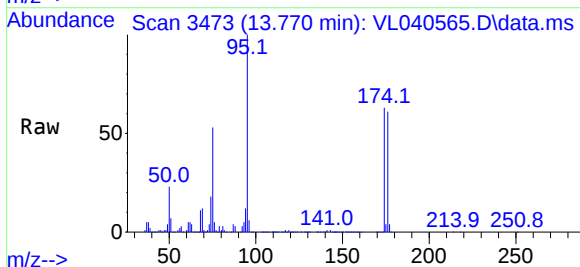
Manual Integrations  
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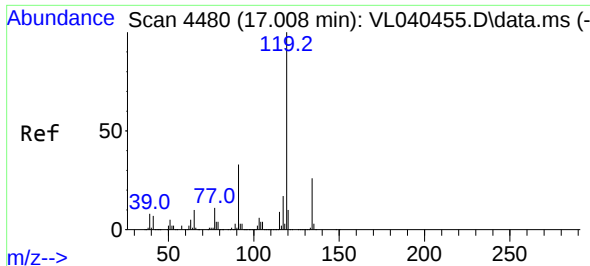
Reviewed By :Semsettin Yesilyurt 07/27/2023  
Supervised By :Mahesh Dadoda 07/27/2023



#68  
1-Bromo-4-Fluorobenzene  
Concen: 9.745 ppbv  
RT: 13.770 min Scan# 3473  
Delta R.T. -0.013 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

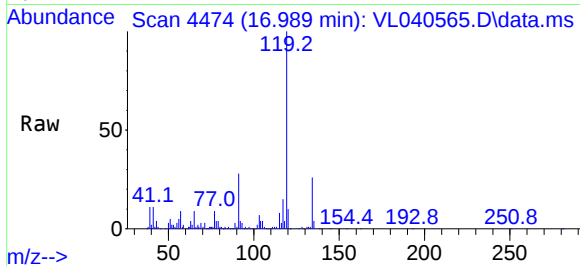
Tgt Ion: 95 Resp: 2120023  
Ion Ratio Lower Upper  
95 100  
174 64.6 50.6 75.8  
175 4.6 3.7 5.5





#69  
p-Isopropyltoluene  
Concen: 0.574 ppbv  
RT: 16.989 min Scan# 4480  
Delta R.T. -0.016 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

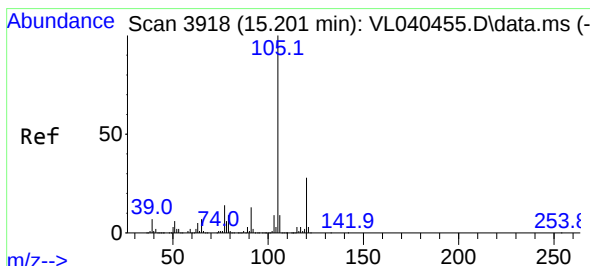
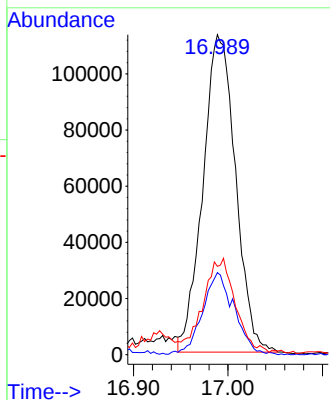
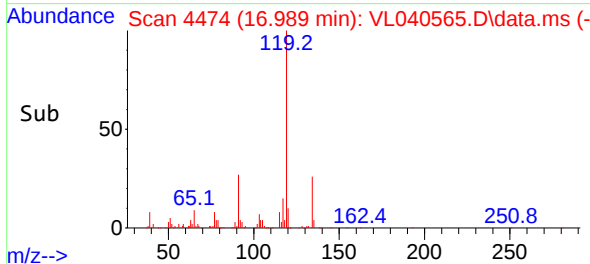
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV-16-20230719DUP



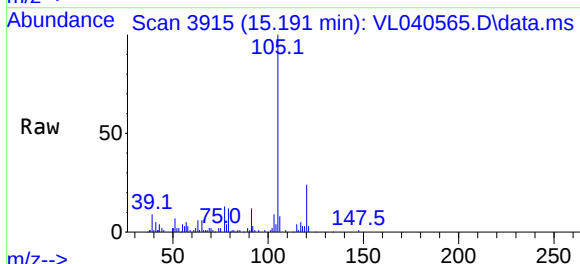
Tgt Ion:119 Resp: 271438  
Ion Ratio Lower Upper  
119 100  
134 25.4 20.5 30.7  
91 29.8 23.8 35.8

Manual Integrations  
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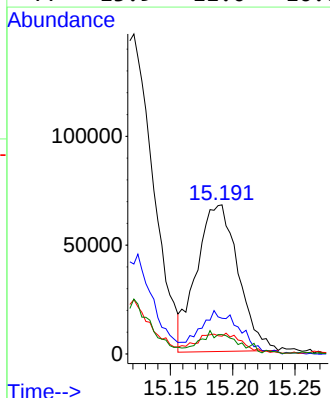
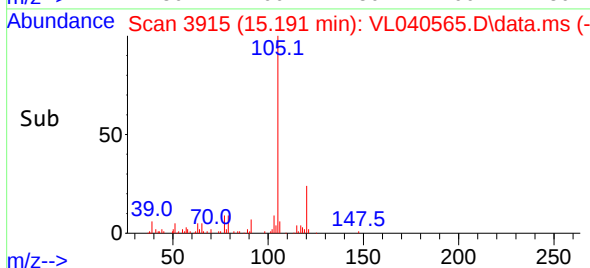
Reviewed By :Semsettin Yesilyurt 07/27/2023  
Supervised By :Mahesh Dadoda 07/27/2023

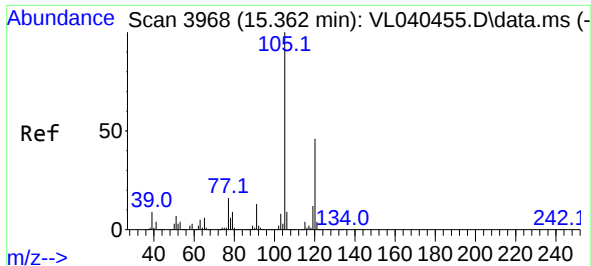


#72  
4-Ethyltoluene  
Concen: 0.454 ppbv  
RT: 15.191 min Scan# 3915  
Delta R.T. -0.013 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30



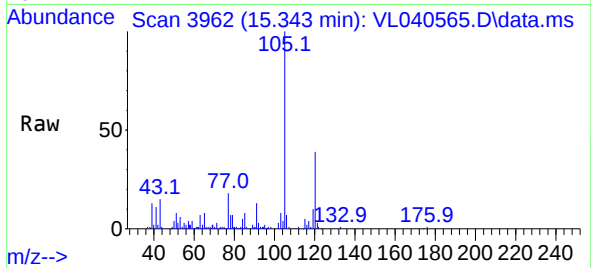
Tgt Ion:105 Resp: 156223  
Ion Ratio Lower Upper  
105 100  
120 28.1 24.6 37.0  
91 15.0 10.7 16.1  
77 13.9 11.0 16.6





#73  
1,3,5-Trimethylbenzene  
Concen: 0.353 ppbv  
RT: 15.343 min Scan# 3968  
Delta R.T. -0.019 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

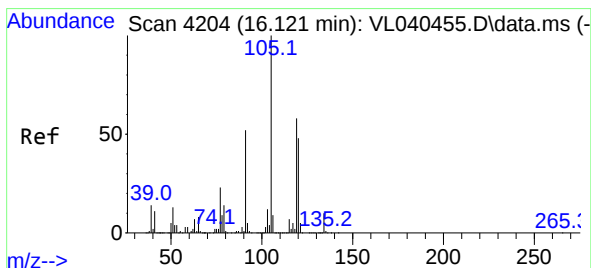
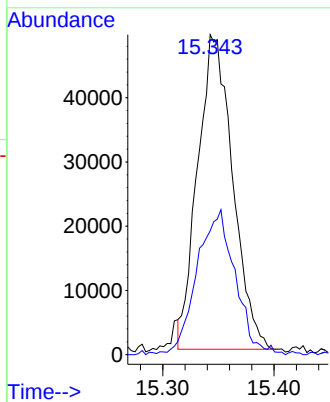
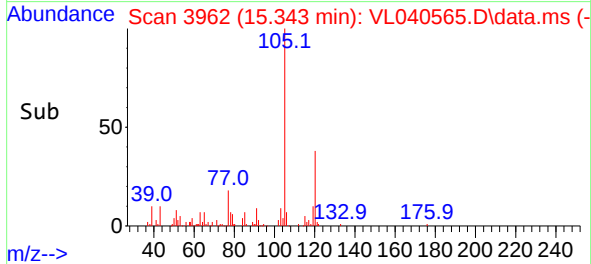
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV-16-20230719DUP



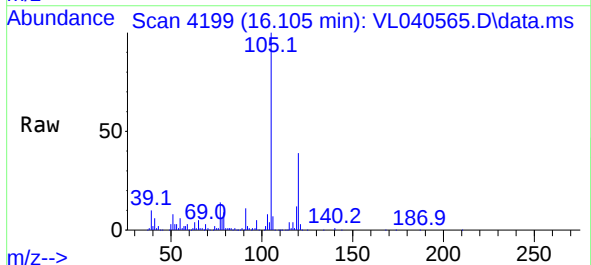
Tgt Ion:105 Resp: 107069  
Ion Ratio Lower Upper  
105 100  
120 38.9 38.2 57.2

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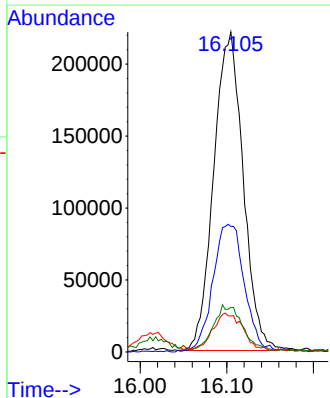
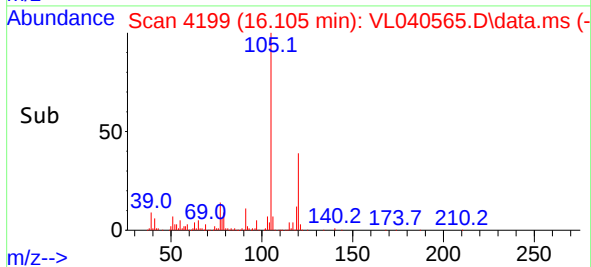
Reviewed By :Semsettin Yesilyurt 07/27/2023  
Supervised By :Mahesh Dadoda 07/27/2023

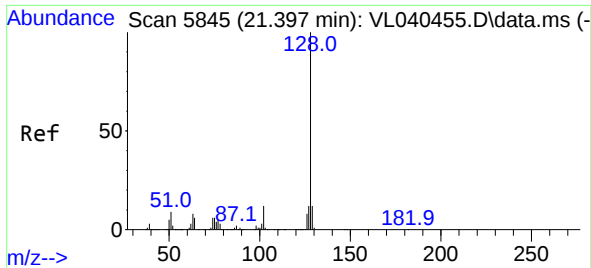


#74  
1,2,4-Trimethylbenzene  
Concen: 1.478 ppbv  
RT: 16.105 min Scan# 4199  
Delta R.T. -0.013 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30



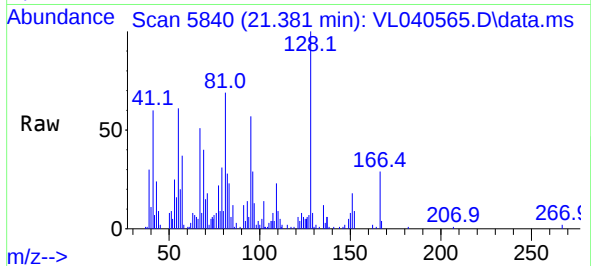
Tgt Ion:105 Resp: 522346  
Ion Ratio Lower Upper  
105 100  
120 38.9 40.3 60.5#  
91 10.7 46.8 70.2#  
77 13.4 18.6 28.0#





#79  
Naphthalene  
Concen: 0.188 ppbv m  
RT: 21.381 min Scan# 5840  
Delta R.T. -0.013 min  
Lab File: VL040565.D  
Acq: 27 Jul 2023 7:30

Instrument :  
MSVOA\_L  
ClientSampleId :  
SV-16-20230719DUP



Tgt Ion:128 Resp: 56350  
Ion Ratio Lower Upper  
128 100  
127 6.5 10.7 16.1  
129 7.9 9.2 13.8

Manual Integrations  
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Reviewed By :Semsettin Yesilyurt 07/27/2023  
Supervised By :Mahesh Dadoda 07/27/2023

