

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL022322\  
 Data File : VL038428.D  
 Acq On : 24 Feb 2022 4:37  
 Operator : SY/AP  
 Sample : N1605-05DL 10X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 DUP-1DL

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022  
 Supervised By :Mahesh Dadoda 03/03/2022

Quant Time: Feb 24 07:35:16 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_L Tue Feb 22 19:45:51 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.639  | 49    | 817588   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 7.143  | 114   | 2026753  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 12.047 | 117   | 1754385  | 10.000   | ppbv   | # 0.00   |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 14.375 | 95    | 1351276  | 9.309    | ppbv   | -0.01    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 93.100%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 9) Propene                  | 3.005  | 41    | 18710m   | 0.393    | ppbv   |          |
| 13) Ethanol                 | 3.584  | 45    | 409003   | 85.976   | ppbv   | 94       |
| 15) Acetone                 | 3.845  | 43    | 89219    | 1.283    | ppbv # | 85       |
| 19) Isopropyl Alcohol       | 3.944  | 45    | 1265104  | 31.422   | ppbv # | 98       |
| 20) Methylene Chloride      | 4.320  | 84    | 13523m   | 0.393    | ppbv   |          |
| 26) Hexane                  | 5.664  | 57    | 42036m   | 0.497    | ppbv   |          |
| 34) 2-Butanone              | 5.224  | 43    | 11818m   | 0.185    | ppbv   |          |
| 53) Toluene                 | 9.767  | 91    | 23925    | 0.124    | ppbv   | 96       |
| -----                       |        |       |          |          |        |          |

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

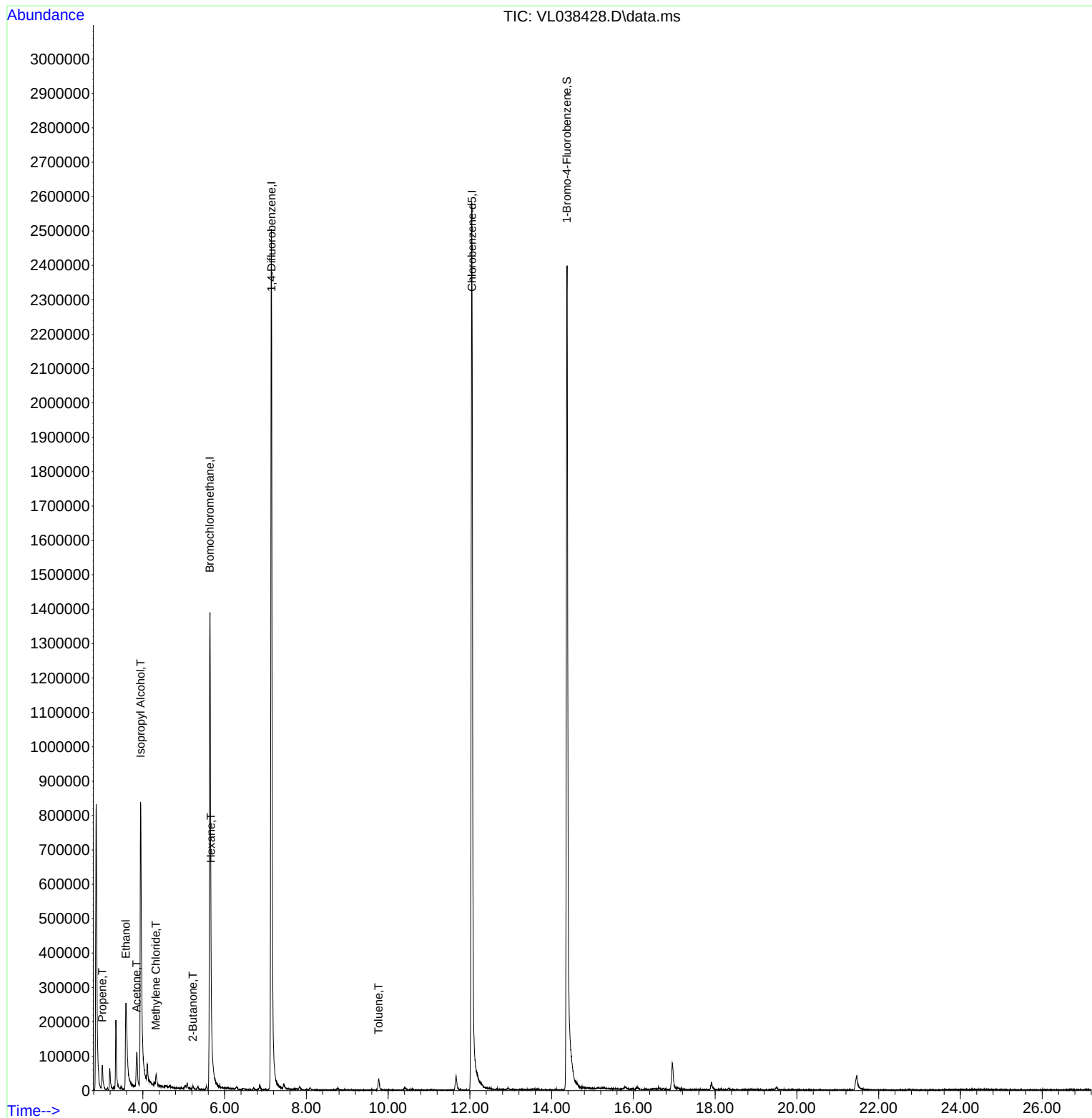
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL022322\  
Data File : VL038428.D  
Acq On : 24 Feb 2022 4:37  
Operator : SY/AP  
Sample : N1605-05DL 10X  
Misc : 400mL/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

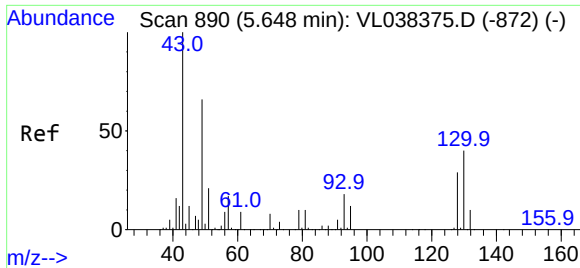
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1DL

Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022  
Supervised By :Mahesh Dadoda 03/03/2022

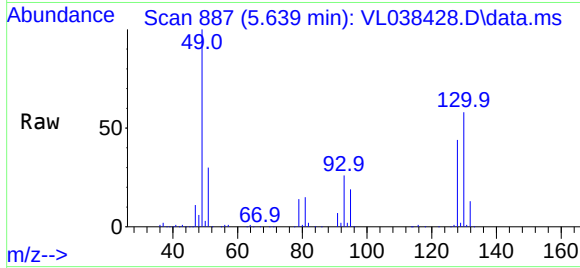
Quant Time: Feb 24 07:35:16 2022  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL022222AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LTue Feb  
QLast Update : Tue Feb 22 19:45:51 2022  
Response via : Initial Calibration





#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.639 min Scan# 81  
Delta R.T. -0.010 min  
Lab File: VL038428.D  
Acq: 24 Feb 2022 4:37

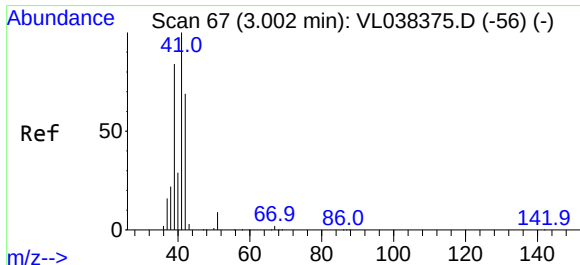
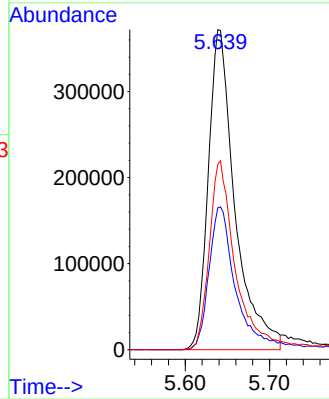
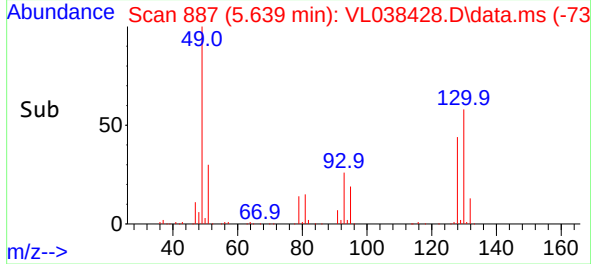
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1DL



Tgt Ion: 49 Resp: 81758  
Ion Ratio Lower Upper  
49 100  
128 47.4 24.3 72.9  
130 60.4 30.1 90.5

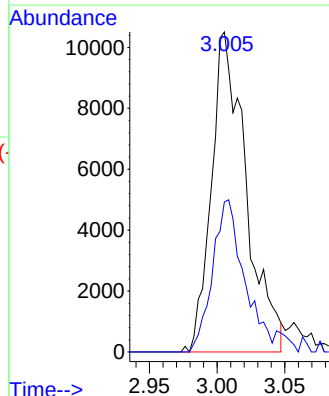
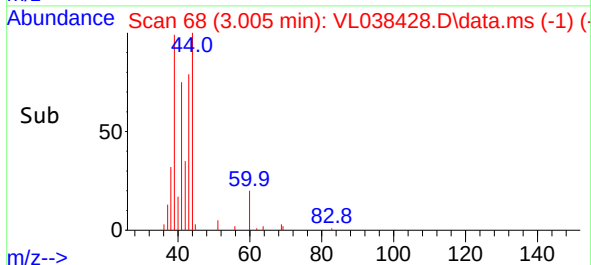
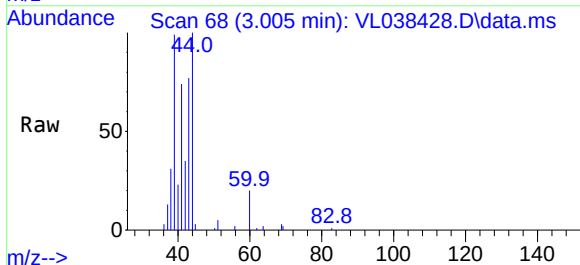
Manual Integrations  
APPROVED

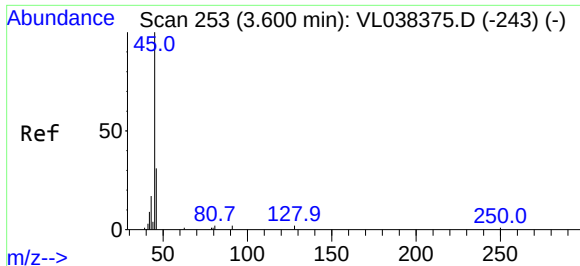
Reviewed By :Semsettin Yesilyurt 03/03/2022  
Supervised By :Mahesh Dadoda 03/03/2022



#9  
Propene  
Concen: 0.393 ppbv m  
RT: 3.005 min Scan# 68  
Delta R.T. 0.003 min  
Lab File: VL038428.D  
Acq: 24 Feb 2022 4:37

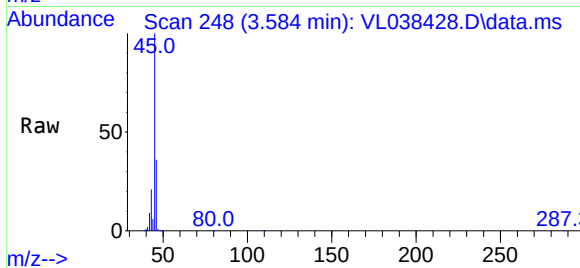
Tgt Ion: 41 Resp: 18710  
Ion Ratio Lower Upper  
41 100  
42 46.4 54.6 82.0#





#13  
Ethanol  
Concen: 85.976 ppbv  
RT: 3.584 min Scan# 248  
Delta R.T. -0.016 min  
Lab File: VL038428.D  
Acq: 24 Feb 2022 4:37

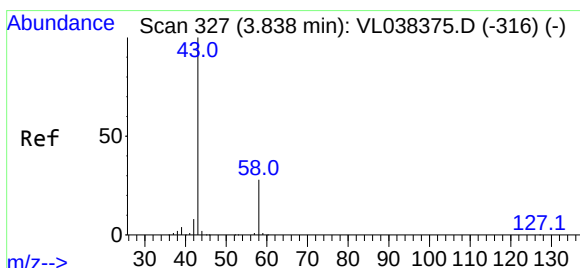
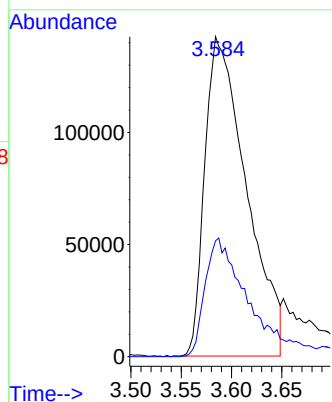
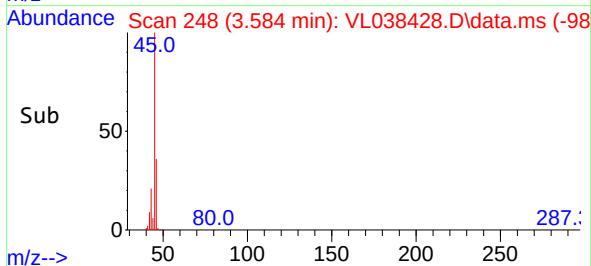
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1DL



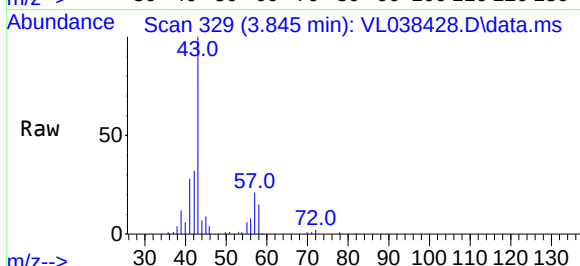
Tgt Ion: 45 Resp: 409000  
Ion Ratio Lower Upper  
45 100  
46 41.5 18.2 72.8

Manual Integrations  
APPROVED

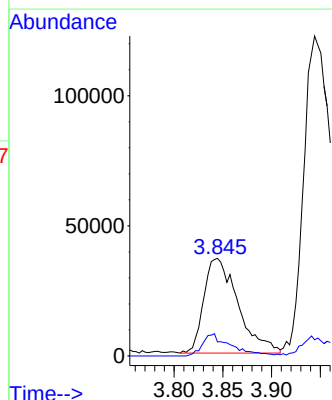
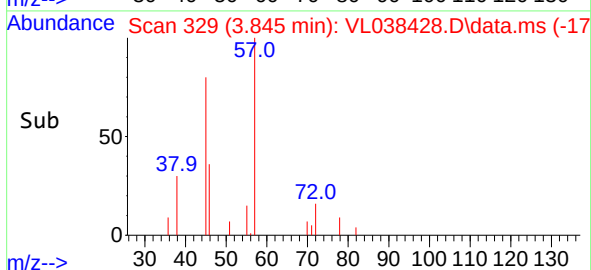
Reviewed By :Semsettin Yesilyurt 03/03/2022  
Supervised By :Mahesh Dadoda 03/03/2022

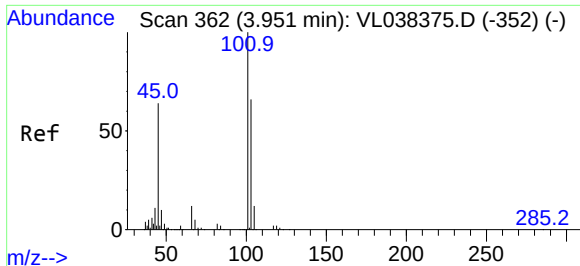


#15  
Acetone  
Concen: 1.283 ppbv  
RT: 3.845 min Scan# 329  
Delta R.T. 0.006 min  
Lab File: VL038428.D  
Acq: 24 Feb 2022 4:37



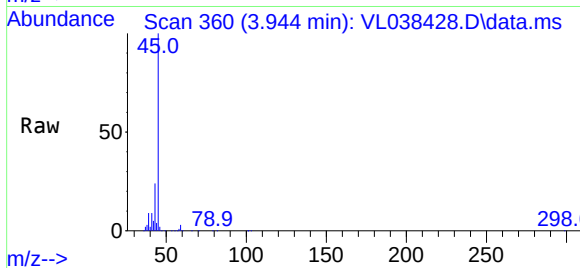
Tgt Ion: 43 Resp: 89219  
Ion Ratio Lower Upper  
43 100  
58 19.2 21.7 32.5#





#19  
Isopropyl Alcohol  
Concen: 31.422 ppbv  
RT: 3.944 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: VL038428.D  
Acq: 24 Feb 2022 4:37

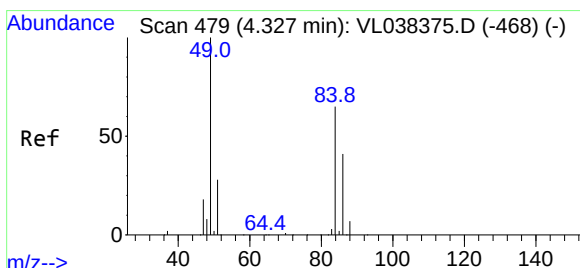
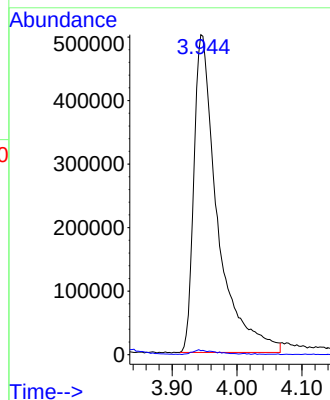
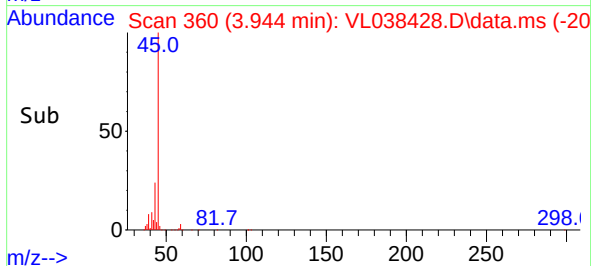
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1DL



Tgt Ion: 45 Resp: 1265104  
Ion Ratio Lower Upper  
45 100  
58 1.8 1.8 2.8

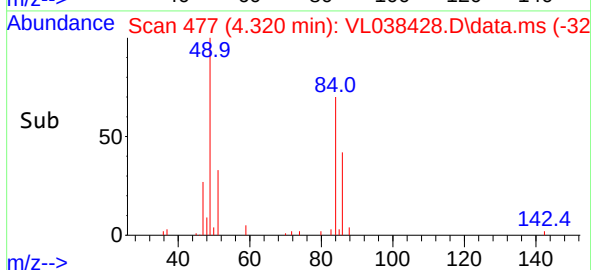
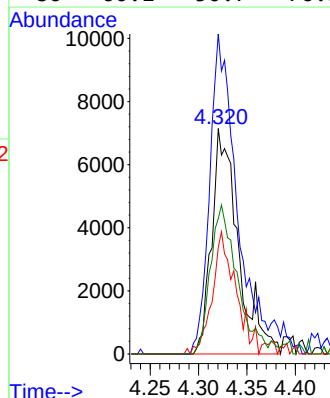
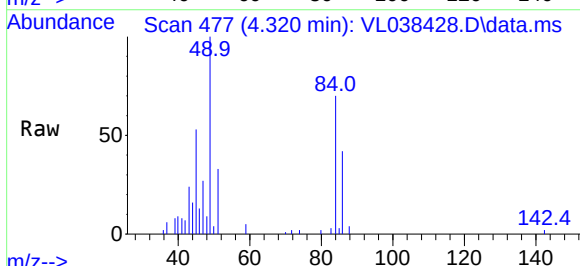
Manual Integrations  
APPROVED

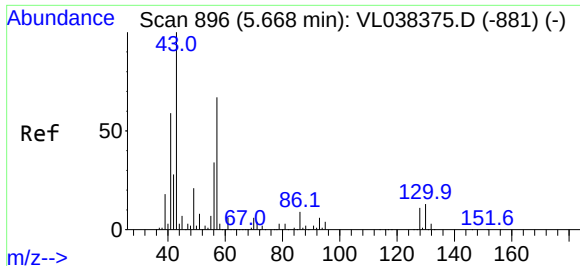
Reviewed By :Semsettin Yesilyurt 03/03/2022  
Supervised By :Mahesh Dadoda 03/03/2022



#20  
Methylene Chloride  
Concen: 0.393 ppbv m  
RT: 4.320 min Scan# 477  
Delta R.T. -0.006 min  
Lab File: VL038428.D  
Acq: 24 Feb 2022 4:37

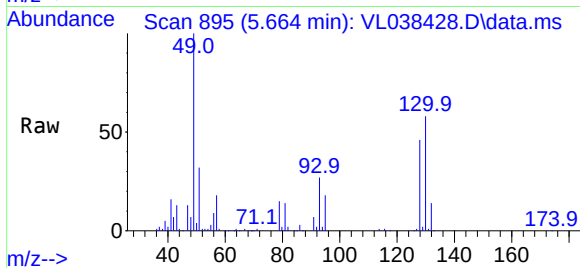
Tgt Ion: 84 Resp: 13523  
Ion Ratio Lower Upper  
84 100  
49 141.9 122.4 183.6  
51 47.4 33.3 49.9  
86 60.1 50.7 76.1





#26  
Hexane  
Concen: 0.497 ppbv m  
RT: 5.664 min Scan# 896  
Delta R.T. -0.003 min  
Lab File: VL038428.D  
Acq: 24 Feb 2022 4:37

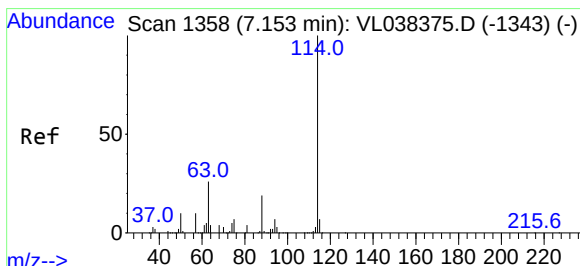
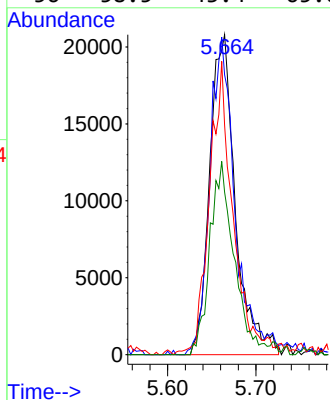
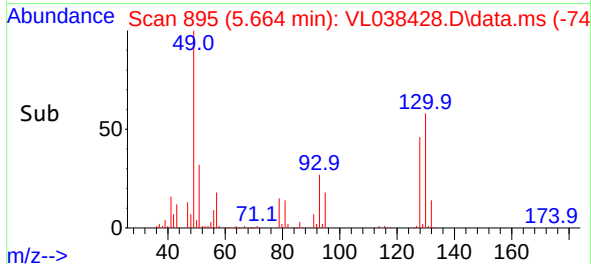
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1DL



Tgt Ion: 57 Resp: 42030  
Ion Ratio Lower Upper  
57 100  
41 100.5 73.1 109.7  
43 87.0 181.0 271.4  
56 58.5 43.4 65.0

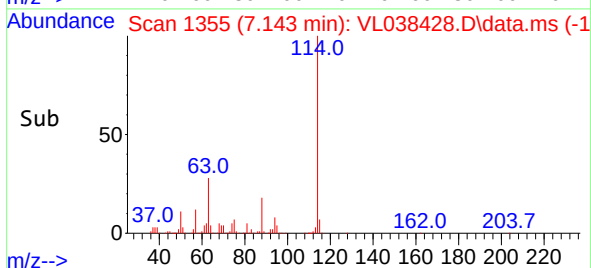
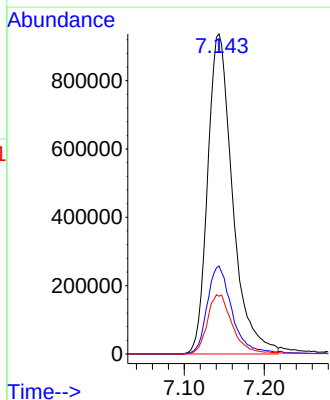
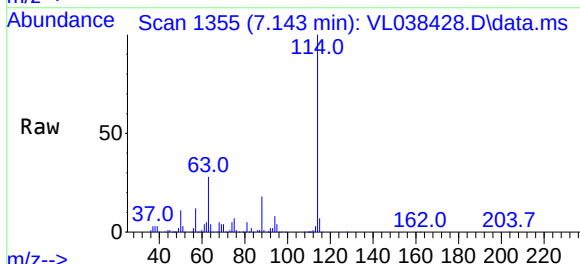
Manual Integrations  
APPROVED

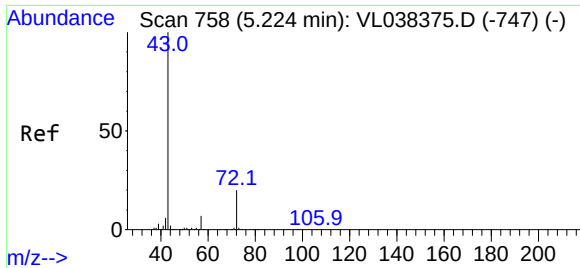
Reviewed By :Semsettin Yesilyurt 03/03/2022  
Supervised By :Mahesh Dadoda 03/03/2022



#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 7.143 min Scan# 1355  
Delta R.T. -0.010 min  
Lab File: VL038428.D  
Acq: 24 Feb 2022 4:37

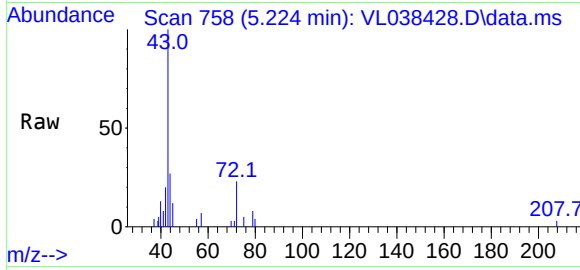
Tgt Ion:114 Resp: 2026753  
Ion Ratio Lower Upper  
114 100  
63 28.0 22.2 33.2  
88 19.0 15.2 22.8





#34  
2-Butanone  
Concen: 0.185 ppbv m  
RT: 5.224 min Scan# 758  
Delta R.T. -0.000 min  
Lab File: VL038428.D  
Acq: 24 Feb 2022 4:37

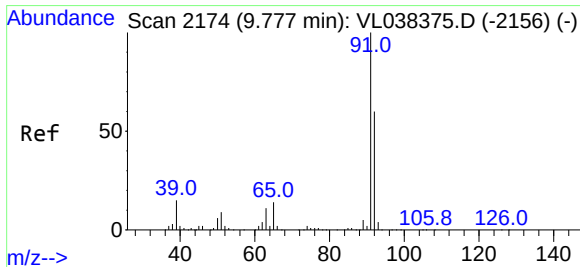
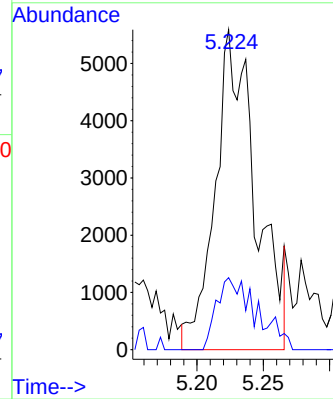
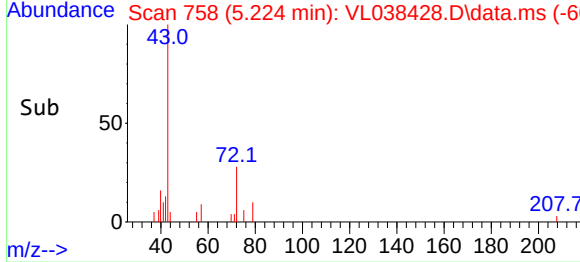
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1DL



Tgt Ion: 43 Resp: 11818  
Ion Ratio Lower Upper  
43 100  
72 0.0 17.4 26.2

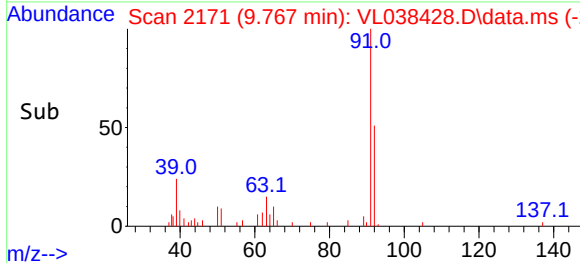
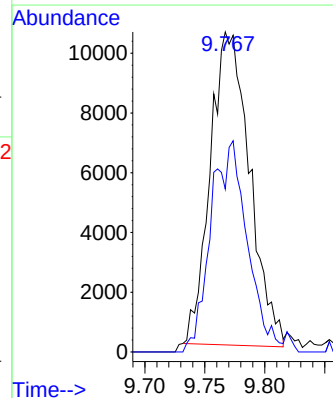
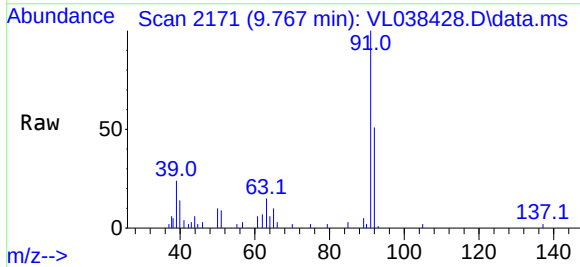
Manual Integrations  
APPROVED

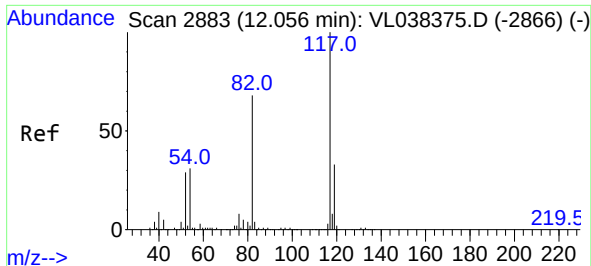
Reviewed By :Semsettin Yesilyurt 03/03/2022  
Supervised By :Mahesh Dadoda 03/03/2022



#53  
Toluene  
Concen: 0.124 ppbv  
RT: 9.767 min Scan# 2171  
Delta R.T. -0.010 min  
Lab File: VL038428.D  
Acq: 24 Feb 2022 4:37

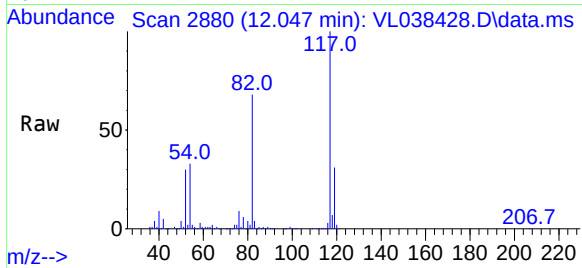
Tgt Ion: 91 Resp: 23925  
Ion Ratio Lower Upper  
91 100  
92 63.6 48.2 72.4





#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 12.047 min Scan# 21  
Delta R.T. -0.010 min  
Lab File: VL038428.D  
Acq: 24 Feb 2022 4:37

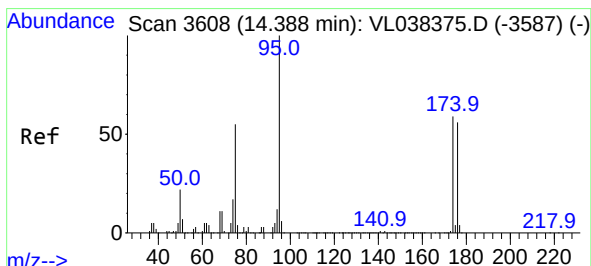
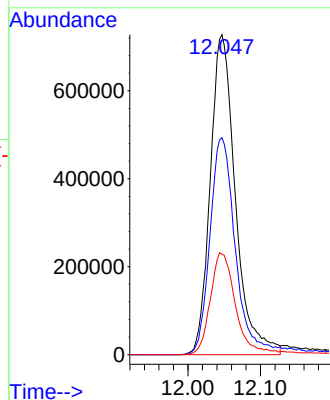
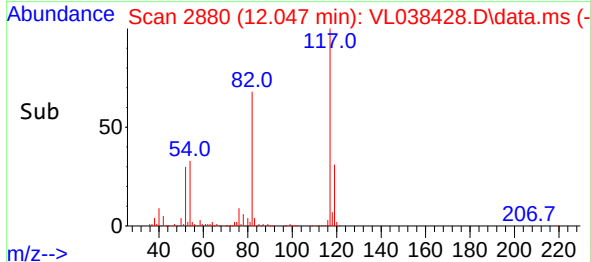
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1DL



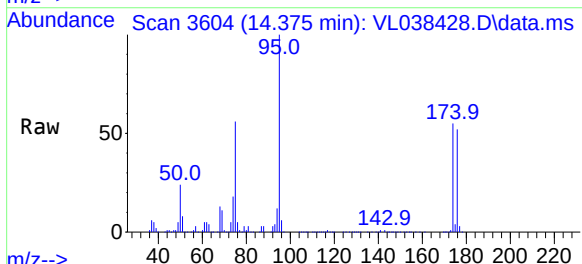
Tgt Ion: 117 Resp: 175438  
Ion Ratio Lower Upper  
117 100  
82 72.6 54.9 82.3  
119 32.5 46.1 69.1

Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022  
Supervised By :Mahesh Dadoda 03/03/2022



#68  
1-Bromo-4-Fluorobenzene  
Concen: 9.309 ppbv  
RT: 14.375 min Scan# 3604  
Delta R.T. -0.013 min  
Lab File: VL038428.D  
Acq: 24 Feb 2022 4:37



Tgt Ion: 95 Resp: 1351276  
Ion Ratio Lower Upper  
95 100  
174 62.0 49.0 73.4  
175 4.4 3.6 5.4

