

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL021422\  
 Data File : VL038346.D  
 Acq On : 14 Feb 2022 18:49  
 Operator : SY/AP  
 Sample : N1442-01DL2 6000X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV1DL3

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/15/2022  
 Supervised By :Mahesh Dadoda 02/18/2022

Quant Time: Feb 15 00:41:39 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL012422AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Mon Jan 24 2022

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Bromochloromethane       | 5.648  | 49    | 908301   | 10.000   | ppbv  | -0.03    |
| 33) 1,4-Difluorobenzene     | 7.150  | 114   | 2327743  | 10.000   | ppbv  | -0.03    |
| 55) Chlorobenzene-d5        | 12.057 | 117   | 1997654  | 10.000   | ppbv  | #-0.03   |
| System Monitoring Compounds |        |       |          |          |       |          |
| 68) 1-Bromo-4-Fluorobenzene | 14.384 | 95    | 1615449  | 10.654   | ppbv  | -0.03    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =     | 106.500% |
| Target Compounds            |        |       |          |          |       |          |
| 15) Acetone                 | 3.857  | 43    | 120038m  | 1.499    | ppbv  | Qvalue   |
| 38) Trichloroethene         | 7.806  | 130   | 8387m    | 0.109    | ppbv  |          |
| 52) Tetrachloroethene       | 11.195 | 164   | 712742   | 10.044   | ppbv  | 98       |
| -----                       |        |       |          |          |       |          |

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

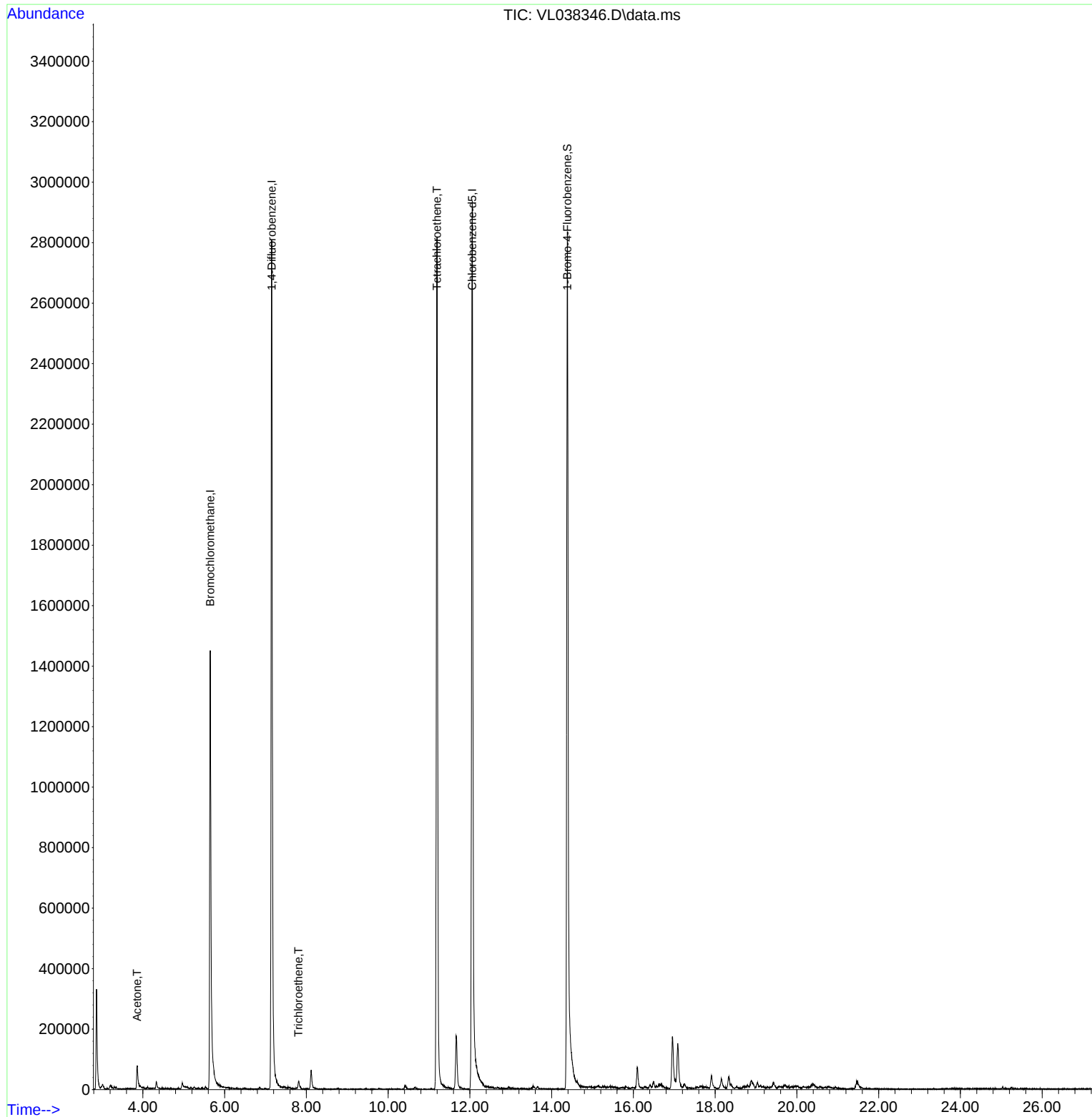
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL021422\  
Data File : VL038346.D  
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Operator : SY/AP  
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ALS Vial : 1 Sample Multiplier: 1

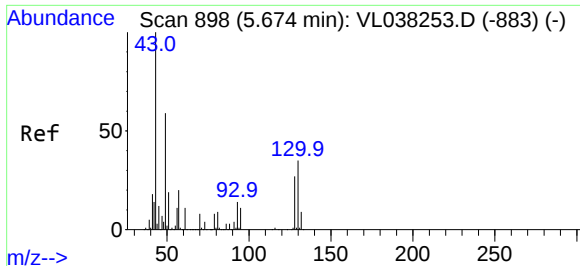
Instrument :  
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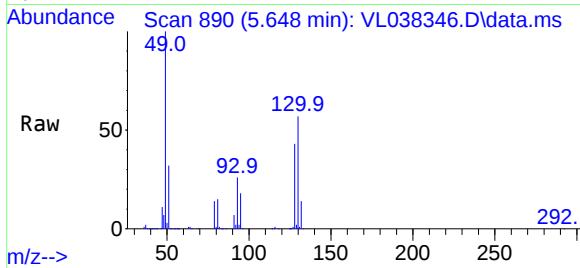
Quant Time: Feb 15 00:41:39 2022  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL012422AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Mon Jan  
QLast Update : Mon Jan 24 14:12:48 2022  
Response via : Initial Calibration





#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.648 min Scan# 898  
Delta R.T. -0.026 min  
Lab File: VL038346.D  
Acq: 14 Feb 2022 18:49

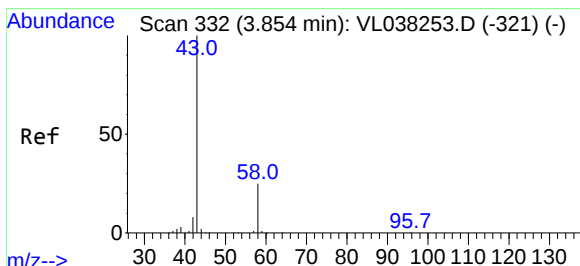
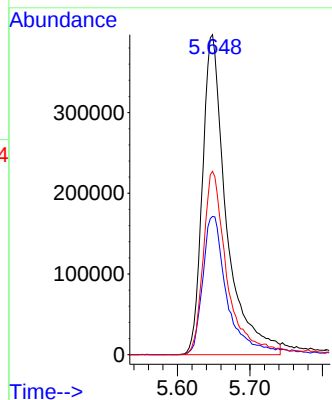
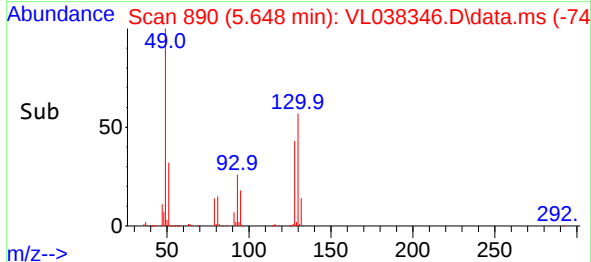
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1DL3



Tgt Ion: 49 Resp: 90830  
Ion Ratio Lower Upper  
49 100  
128 45.5 24.5 73.5  
130 59.8 30.1 90.5

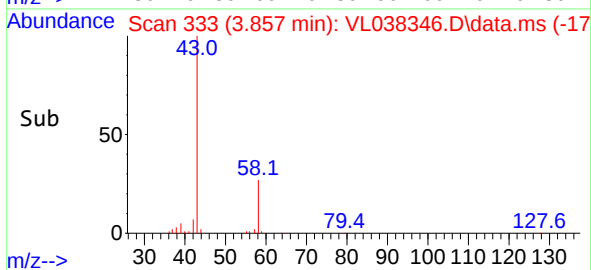
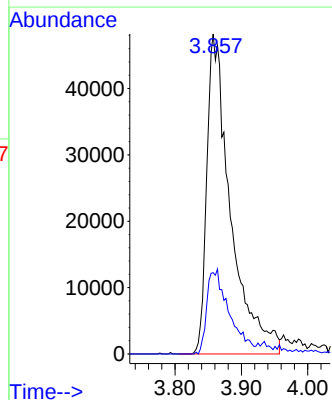
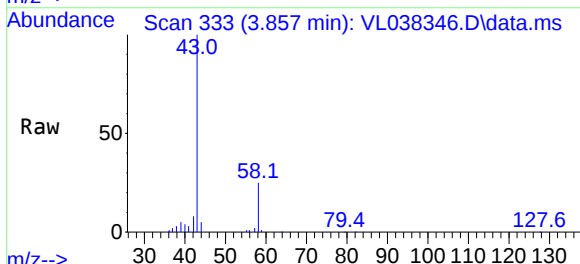
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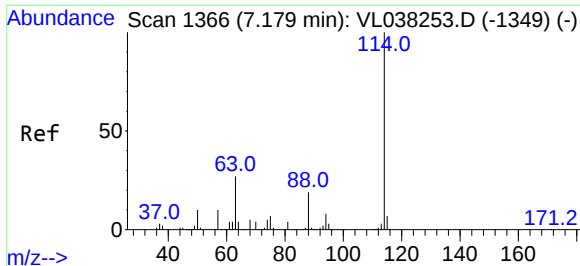
Reviewed By :Semsettin Yesilyurt 02/15/2022  
Supervised By :Mahesh Dadoda 02/18/2022



#15  
Acetone  
Concen: 1.499 ppbv m  
RT: 3.857 min Scan# 333  
Delta R.T. 0.003 min  
Lab File: VL038346.D  
Acq: 14 Feb 2022 18:49

Tgt Ion: 43 Resp: 120038  
Ion Ratio Lower Upper  
43 100  
58 0.0 21.5 32.3#





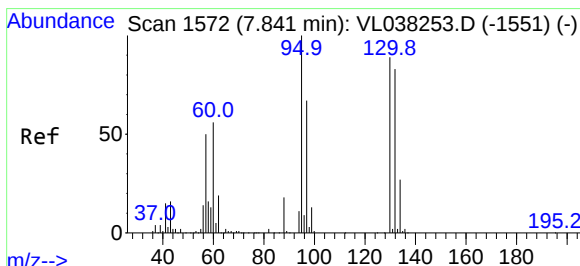
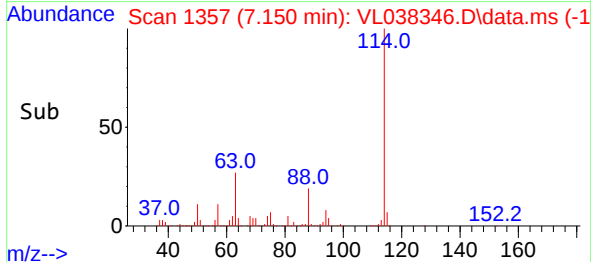
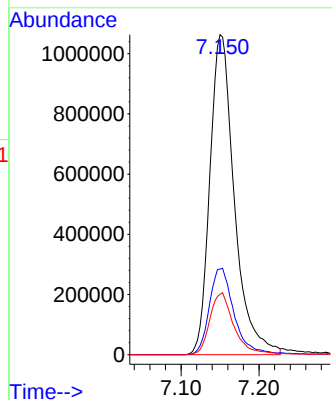
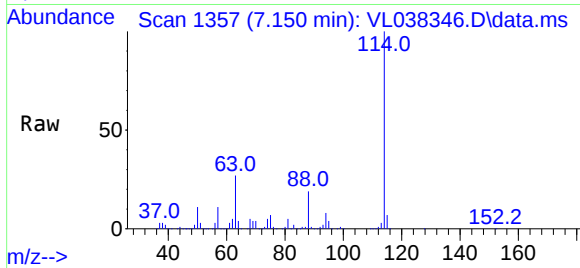
#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 7.150 min Scan# 114  
Delta R.T. -0.029 min  
Lab File: VL038346.D  
Acq: 14 Feb 2022 18:49

Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1DL3

Tgt Ion:114 Resp: 232774  
Ion Ratio Lower Upper  
114 100  
63 27.7 22.0 33.0  
88 19.4 15.0 22.6

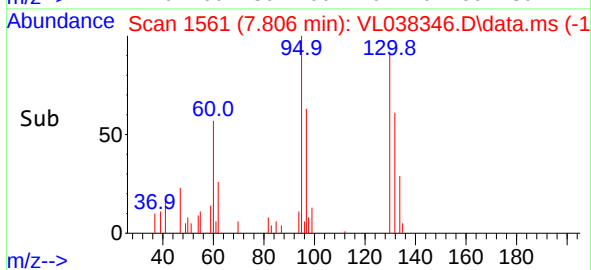
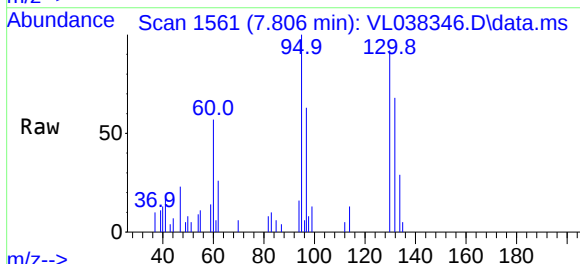
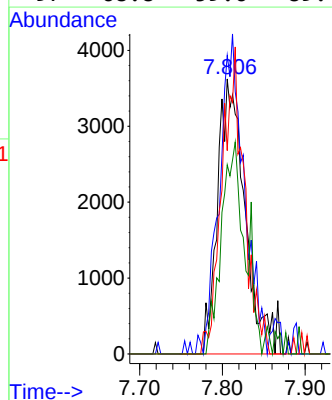
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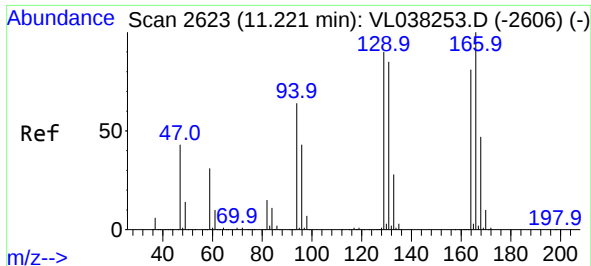
Reviewed By :Semsettin Yesilyurt 02/15/2022  
Supervised By :Mahesh Dadoda 02/18/2022



#38  
Trichloroethene  
Concen: 0.109 ppbv m  
RT: 7.806 min Scan# 1561  
Delta R.T. -0.035 min  
Lab File: VL038346.D  
Acq: 14 Feb 2022 18:49

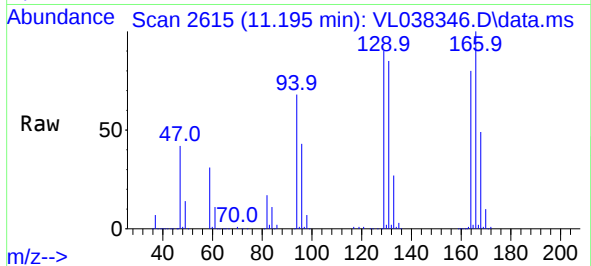
Tgt Ion:130 Resp: 8387  
Ion Ratio Lower Upper  
130 100  
95 108.6 89.4 134.2  
132 73.9 74.6 111.8#  
97 68.8 59.6 89.4





#52  
Tetrachloroethene  
Concen: 10.044 ppbv  
RT: 11.195 min Scan# 20  
Delta R.T. -0.026 min  
Lab File: VL038346.D  
Acq: 14 Feb 2022 18:49

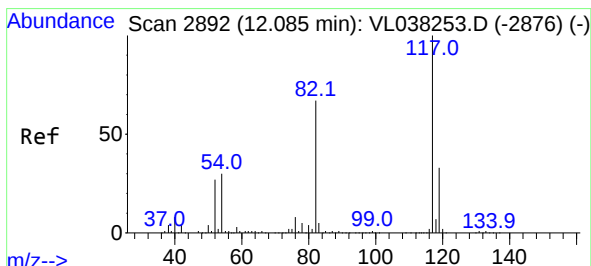
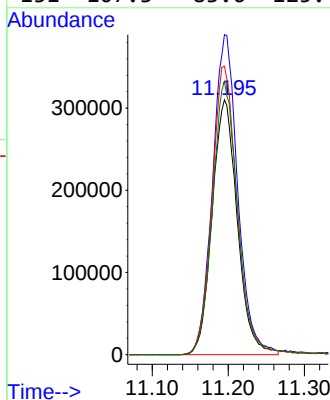
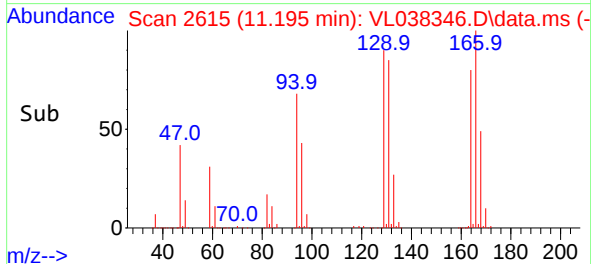
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1DL3



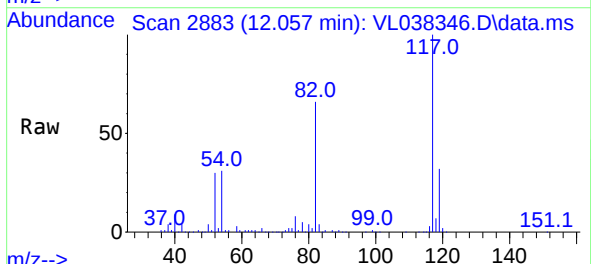
Tgt Ion:164 Resp: 71274  
Ion Ratio Lower Upper  
164 100  
166 125.6 98.8 148.2  
129 113.2 89.2 133.8  
131 107.3 83.6 125.4

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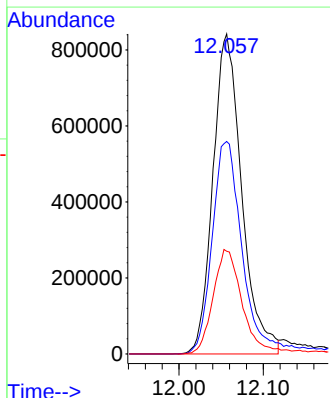
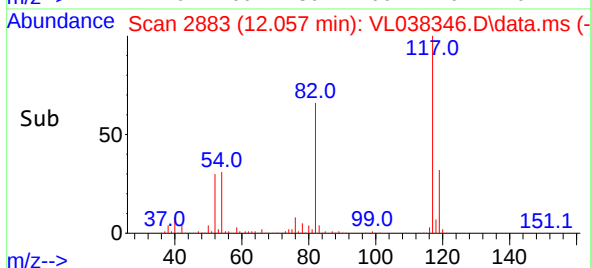
Reviewed By :Semsettin Yesilyurt 02/15/2022  
Supervised By :Mahesh Dadoda 02/18/2022



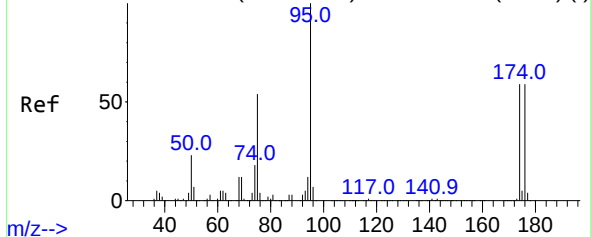
#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 12.057 min Scan# 2883  
Delta R.T. -0.029 min  
Lab File: VL038346.D  
Acq: 14 Feb 2022 18:49



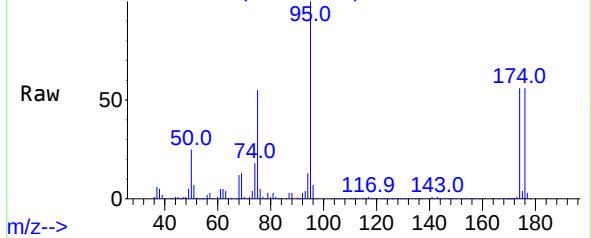
Tgt Ion:117 Resp: 1997654  
Ion Ratio Lower Upper  
117 100  
82 74.0 54.4 81.6  
119 35.0 45.9 68.9#



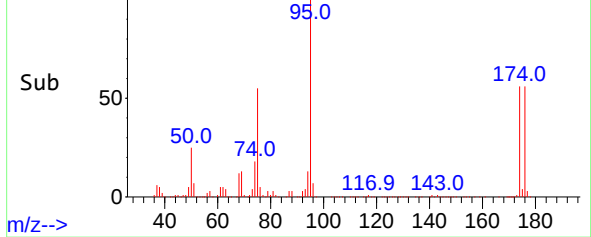
Abundance Scan 3616 (14.413 min): VL038253.D (-3597) (-)



Abundance Scan 3607 (14.384 min): VL038346.D\data.ms



Abundance Scan 3607 (14.384 min): VL038346.D\data.ms (-)



#68  
1-Bromo-4-Fluorobenzene  
Concen: 10.654 ppbv  
RT: 14.384 min Scan# 30  
Delta R.T. -0.029 min  
Lab File: VL038346.D  
Acq: 14 Feb 2022 18:49

Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1DL3

Tgt Ion: 95 Resp: 1615449  
Ion Ratio Lower Upper  
95 100  
174 61.7 48.3 72.5  
175 4.2 3.5 5.3

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