

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL122921\  
 Data File : VL038242.D  
 Acq On : 29 Dec 2021 21:16  
 Operator : SY/AP  
 Sample : M5250-01DL 10X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 1ST-FLOORDL

Quant Time: Dec 30 06:19:55 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL122121AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_L Tue Dec 21 17:47:08 2021  
 QLast Update : Tue Dec 21 17:47:08 2021  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Amit Patel 12/30/2021  
 Supervised By :Semsettin Yesilyurt 01/02/2022

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.671  | 49    | 665373   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 7.176  | 114   | 1800464  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 12.086 | 117   | 1524416  | 10.000   | ppbv   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 14.413 | 95    | 1227603  | 10.450   | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 104.500% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 9) Propene                  | 3.031  | 41    | 12904    | 0.266    | ppbv # | 80       |
| 13) Ethanol                 | 3.629  | 45    | 18561m   | 2.255    | ppbv   |          |
| 15) Acetone                 | 3.874  | 43    | 68316    | 1.023    | ppbv   | 93       |
| 19) Isopropyl Alcohol       | 4.005  | 45    | 8520m    | 0.205    | ppbv   |          |
| 20) Methylene Chloride      | 4.356  | 84    | 33176    | 0.880    | ppbv   | 94       |
| 26) Hexane                  | 5.694  | 57    | 39876    | 0.439    | ppbv # | 47       |
| 53) Toluene                 | 9.809  | 91    | 32025m   | 0.165    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

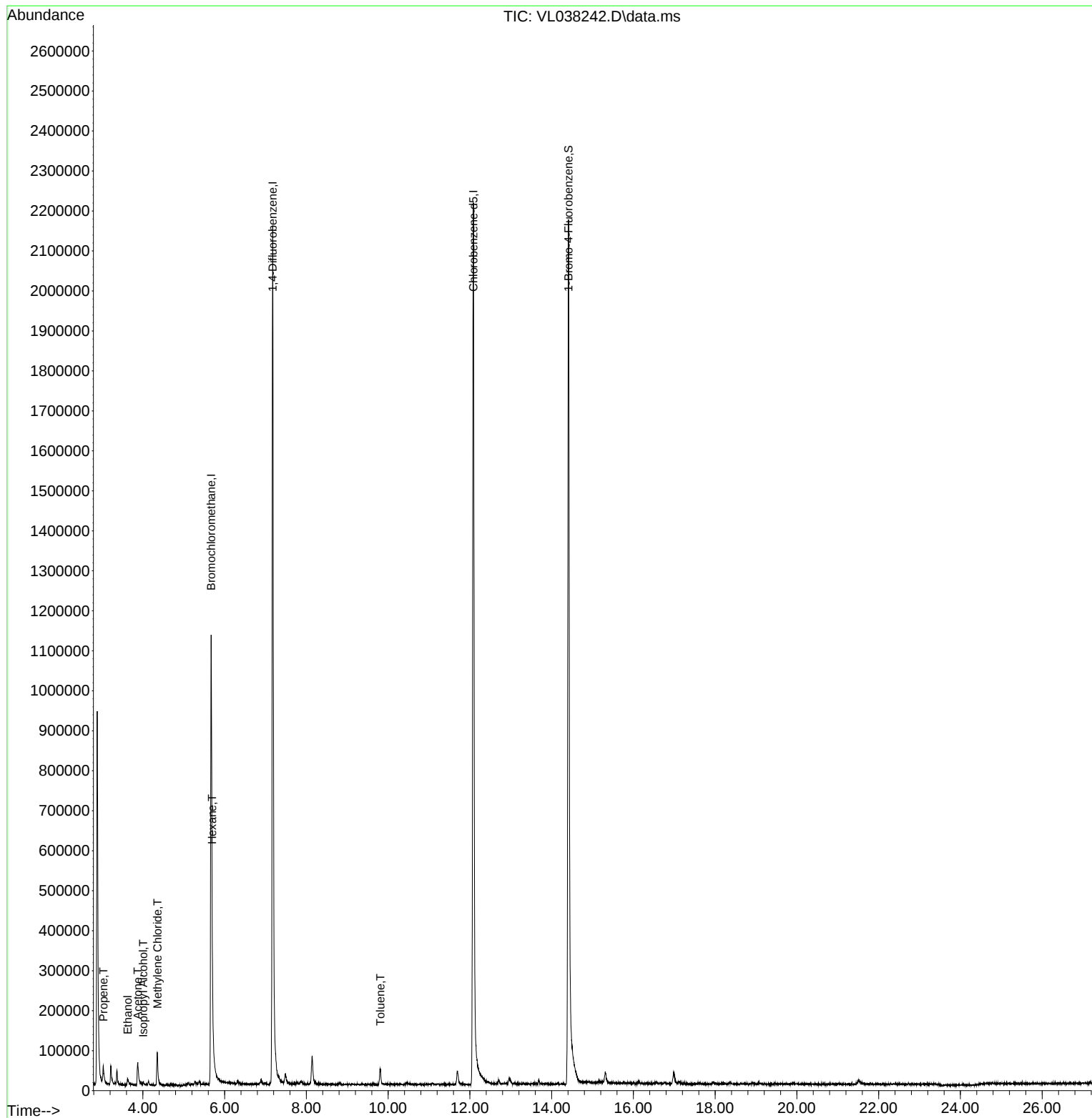
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL122921\  
Data File : VL038242.D  
Acq On : 29 Dec 2021 21:16  
Operator : SY/AP  
Sample : M5250-01DL 10X  
Misc : 400mL/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

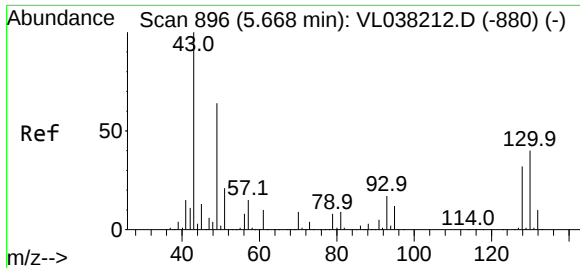
Instrument :  
MSVOA\_L  
ClientSampleId :  
1ST-FLOORDL

Quant Time: Dec 30 06:19:55 2021  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL122121AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue Dec  
QLast Update : Tue Dec 21 17:47:08 2021  
Response via : Initial Calibration

Manual Integrations  
APPROVED

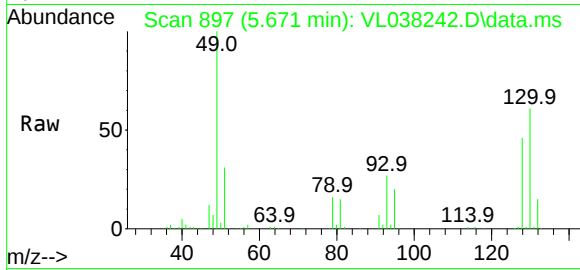
Reviewed By :Amit Patel 12/30/2021  
Supervised By :Semsettin Yesilyurt 01/02/2022





#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.671 min Scan# 896  
Delta R.T. 0.003 min  
Lab File: VL038242.D  
Acq: 29 Dec 2021 21:16

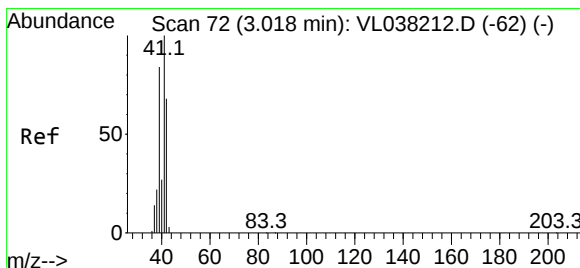
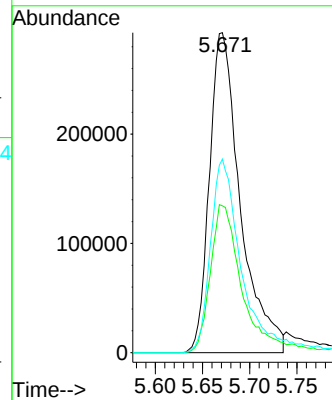
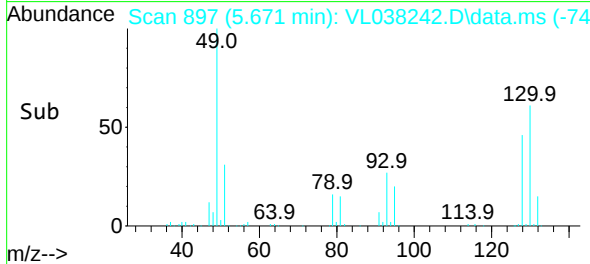
Instrument :  
MSVOA\_L  
ClientSampleId :  
1ST-FLOORDL



Tgt Ion: 49 Resp: 66537  
Ion Ratio Lower Upper  
49 100  
128 49.4 26.9 80.6  
130 63.2 32.3 96.9

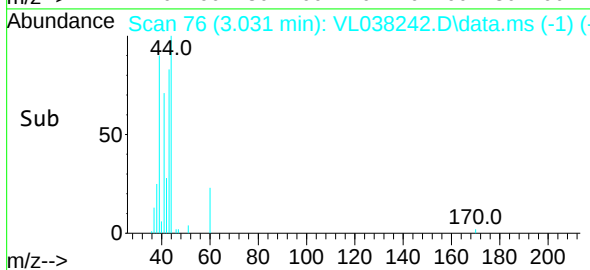
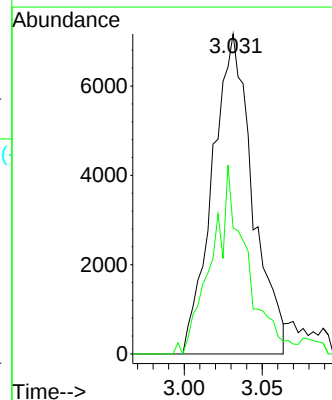
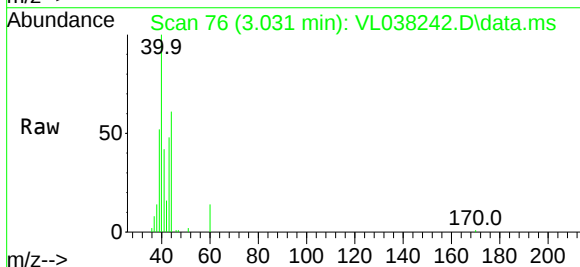
Manual Integrations  
APPROVED

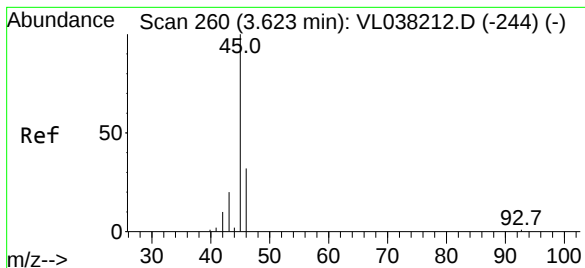
Reviewed By :Amit Patel 12/30/2021  
Supervised By :Semsettin Yesilyurt 01/02/2022



#9  
Propene  
Concen: 0.266 ppbv  
RT: 3.031 min Scan# 76  
Delta R.T. 0.013 min  
Lab File: VL038242.D  
Acq: 29 Dec 2021 21:16

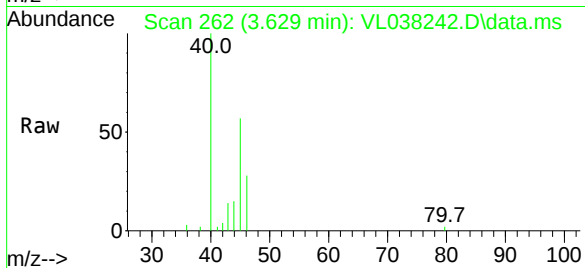
Tgt Ion: 41 Resp: 12904  
Ion Ratio Lower Upper  
41 100  
42 53.3 55.5 83.3#





#13  
Ethanol  
Concen: 2.255 ppbv m  
RT: 3.629 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VL038242.D  
Acq: 29 Dec 2021 21:16

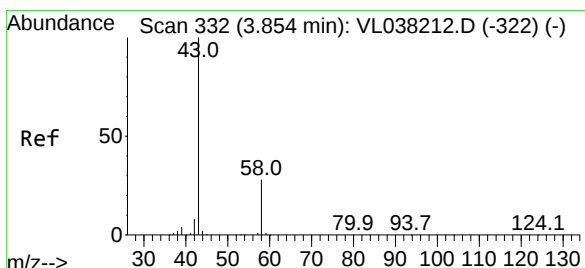
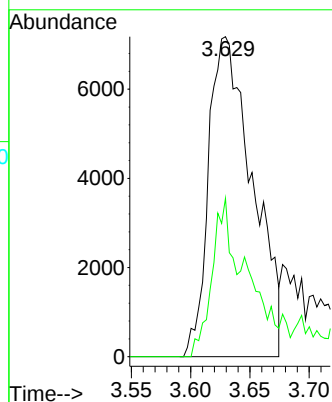
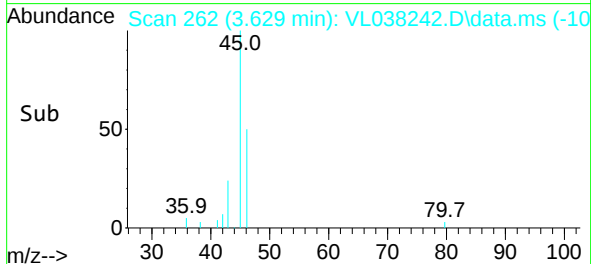
Instrument :  
MSVOA\_L  
ClientSampleId :  
1ST-FLOODL



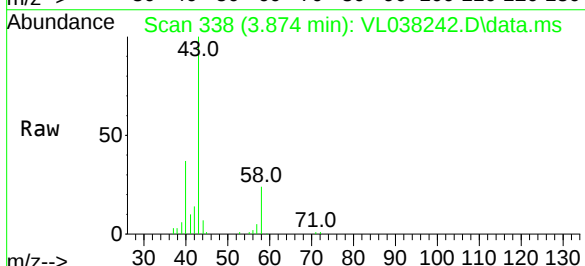
Tgt Ion: 45 Resp: 1856  
Ion Ratio Lower Upper  
45 100  
46 41.1 0.0 0.0

Manual Integrations  
APPROVED

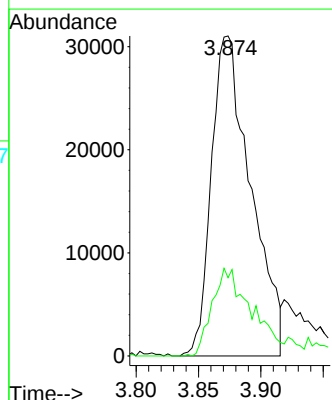
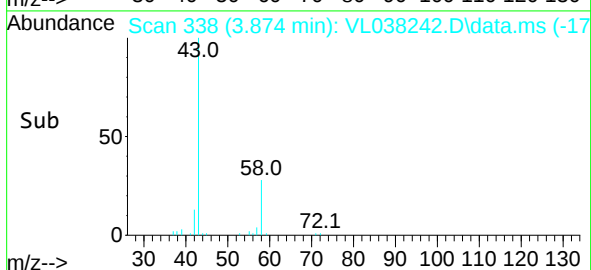
Reviewed By :Amit Patel 12/30/2021  
Supervised By :Semsettin Yesilyurt 01/02/2022

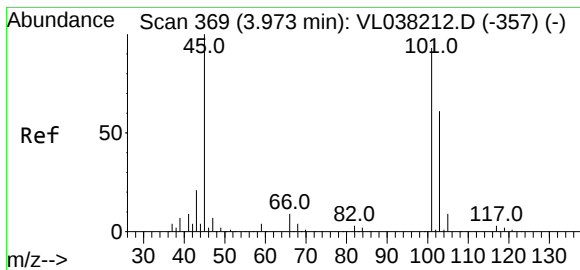


#15  
Acetone  
Concen: 1.023 ppbv  
RT: 3.874 min Scan# 338  
Delta R.T. 0.019 min  
Lab File: VL038242.D  
Acq: 29 Dec 2021 21:16



Tgt Ion: 43 Resp: 68316  
Ion Ratio Lower Upper  
43 100  
58 32.8 23.3 34.9





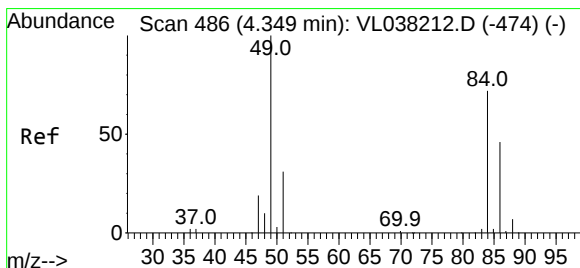
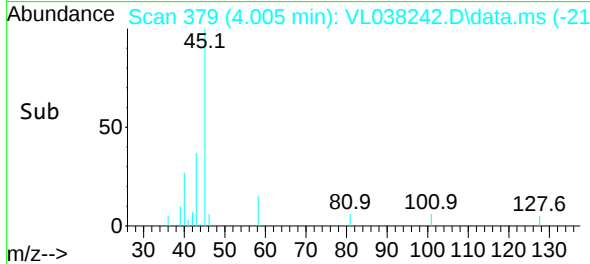
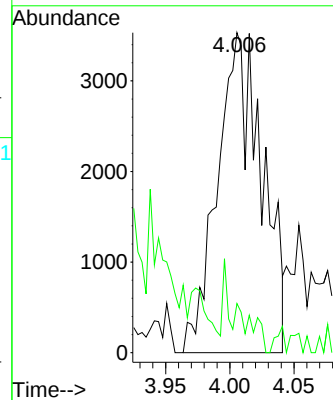
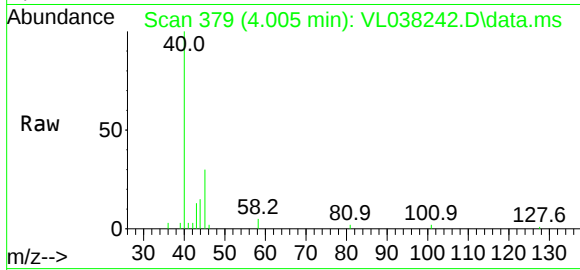
#19  
Isopropyl Alcohol  
Concen: 0.205 ppbv m  
RT: 4.005 min Scan# 31  
Delta R.T. 0.032 min  
Lab File: VL038242.D  
Acq: 29 Dec 2021 21:16

Instrument :  
MSVOA\_L  
ClientSampleId :  
1ST-FLOODL

Tgt Ion: 45 Resp: 8520  
Ion Ratio Lower Upper  
45 100  
58 0.0 32.4 48.6

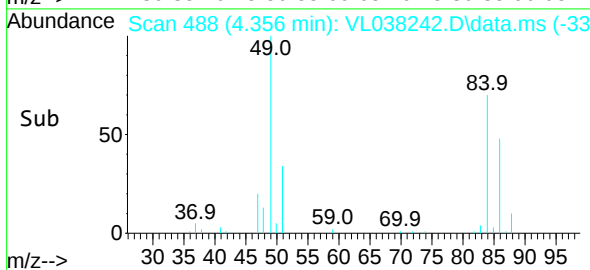
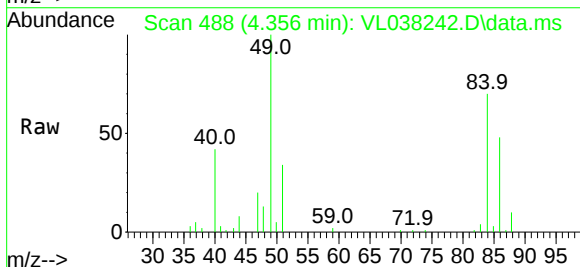
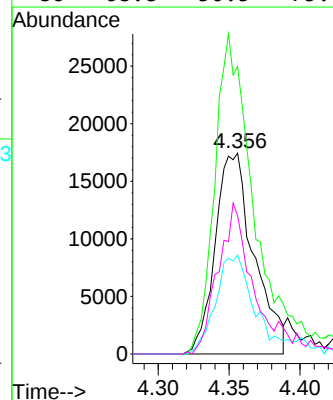
Manual Integrations  
APPROVED

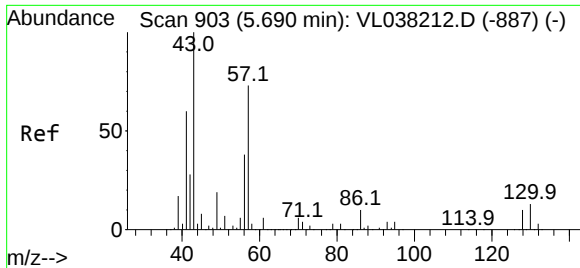
Reviewed By :Amit Patel 12/30/2021  
Supervised By :Semsettin Yesilyurt 01/02/2022



#20  
Methylene Chloride  
Concen: 0.880 ppbv  
RT: 4.356 min Scan# 488  
Delta R.T. 0.006 min  
Lab File: VL038242.D  
Acq: 29 Dec 2021 21:16

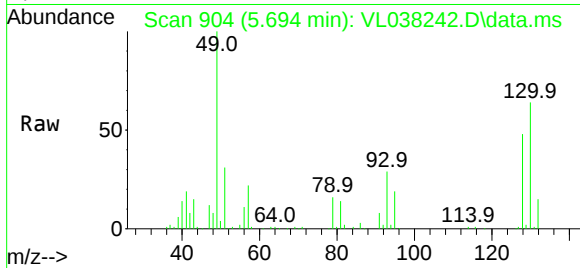
Tgt Ion: 84 Resp: 33176  
Ion Ratio Lower Upper  
84 100  
49 143.2 110.6 166.0  
51 49.2 34.2 51.2  
86 68.8 50.5 75.7





#26  
Hexane  
Concen: 0.439 ppbv  
RT: 5.694 min Scan# 903  
Delta R.T. 0.003 min  
Lab File: VL038242.D  
Acq: 29 Dec 2021 21:16

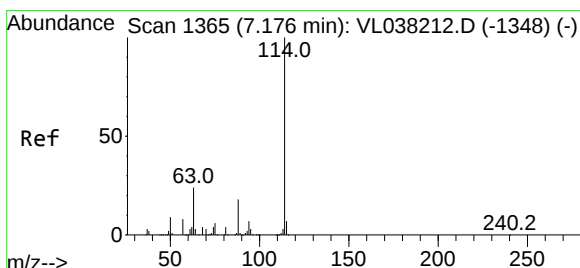
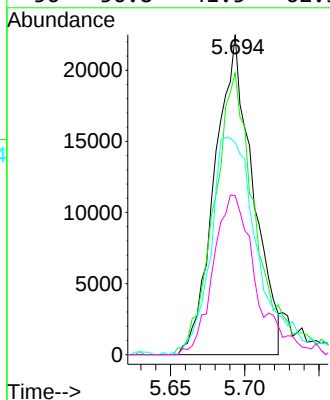
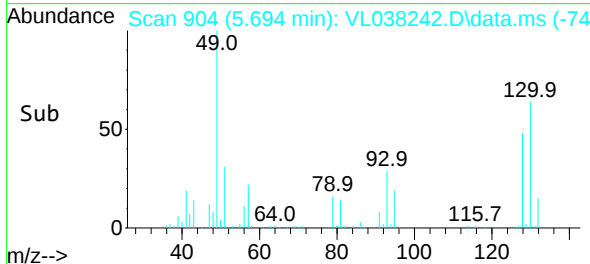
Instrument :  
MSVOA\_L  
ClientSampleId :  
1ST-FLOORDL



Tgt Ion: 57 Resp: 39870  
Ion Ratio Lower Upper  
57 100  
41 100.3 69.0 103.6  
43 88.4 171.2 256.8  
56 56.8 41.5 62.3

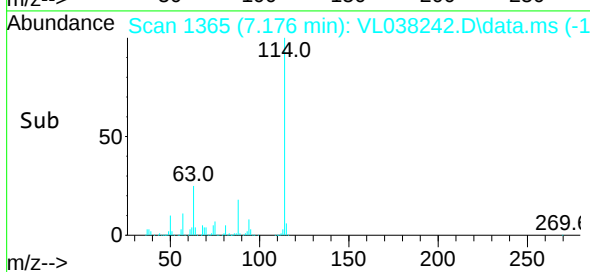
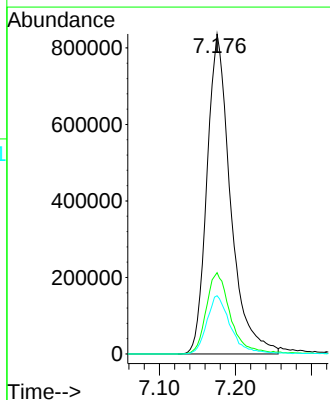
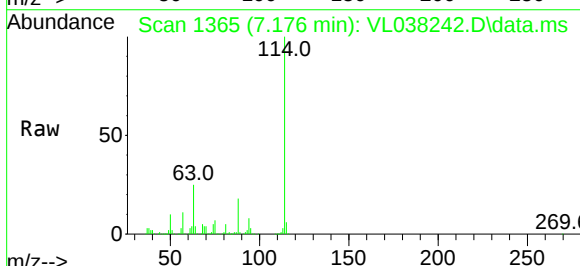
Manual Integrations  
APPROVED

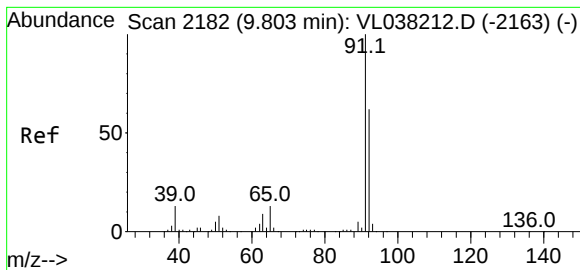
Reviewed By :Amit Patel 12/30/2021  
Supervised By :Semsettin Yesilyurt 01/02/2022



#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 7.176 min Scan# 1365  
Delta R.T. 0.000 min  
Lab File: VL038242.D  
Acq: 29 Dec 2021 21:16

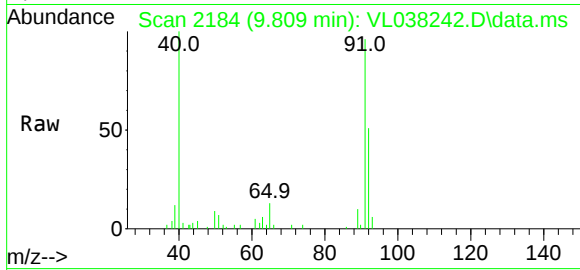
Tgt Ion:114 Resp: 1800464  
Ion Ratio Lower Upper  
114 100  
63 26.6 19.7 29.5  
88 18.8 14.3 21.5





#53  
Toluene  
Concen: 0.165 ppbv m  
RT: 9.809 min Scan# 2182  
Delta R.T. 0.006 min  
Lab File: VL038242.D  
Acq: 29 Dec 2021 21:16

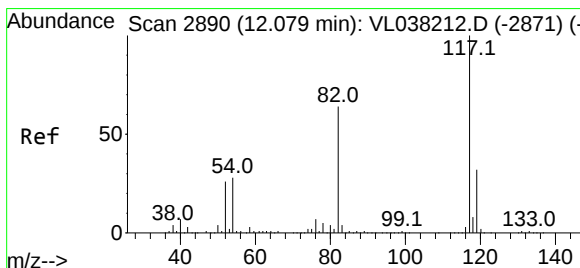
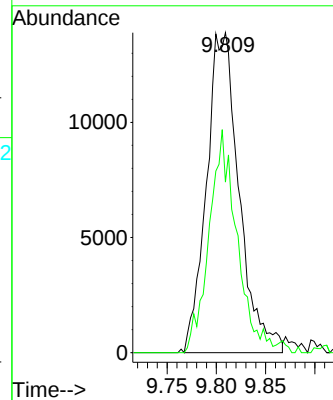
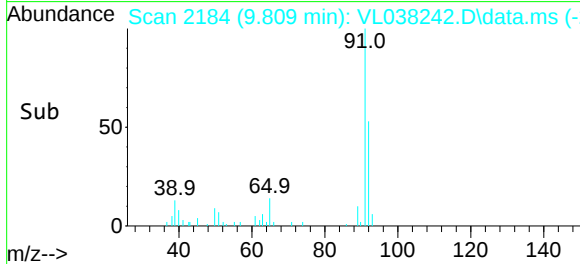
Instrument :  
MSVOA\_L  
ClientSampleId :  
1ST-FLOORDL



Tgt Ion: 91 Resp: 32025  
Ion Ratio Lower Upper  
91 100  
92 0.0 48.9 73.3

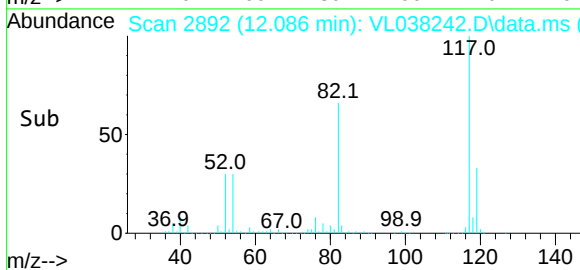
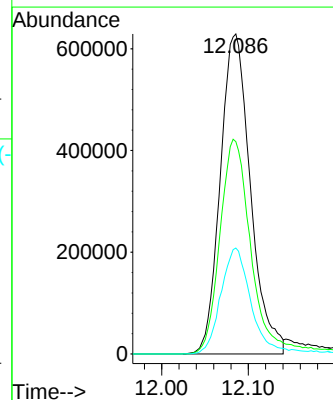
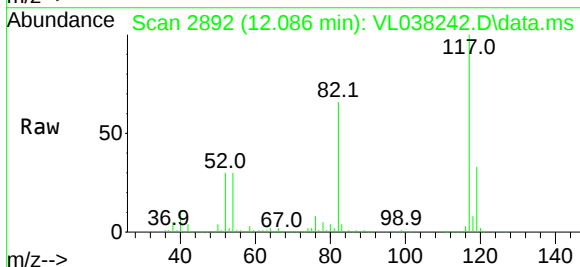
Manual Integrations  
APPROVED

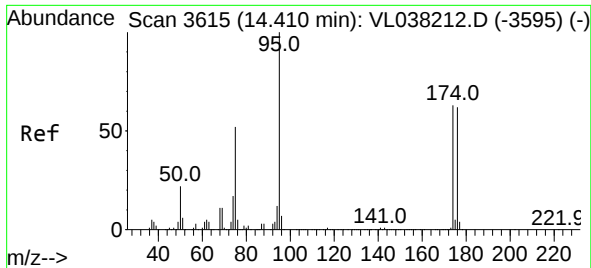
Reviewed By :Amit Patel 12/30/2021  
Supervised By :Semsettin Yesilyurt 01/02/2022



#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 12.086 min Scan# 2892  
Delta R.T. 0.006 min  
Lab File: VL038242.D  
Acq: 29 Dec 2021 21:16

Tgt Ion:117 Resp: 1524416  
Ion Ratio Lower Upper  
117 100  
82 70.9 53.3 79.9  
119 34.4 25.5 38.3





#68  
 1-Bromo-4-Fluorobenzene  
 Concen: 10.450 ppbv  
 RT: 14.413 min Scan# 30  
 Delta R.T. 0.003 min  
 Lab File: VL038242.D  
 Acq: 29 Dec 2021 21:16

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 1ST-FLOORDL

Tgt Ion: 95 Resp: 1227600  
 Ion Ratio Lower Upper  
 95 100  
 174 62.4 54.6 81.8  
 175 4.5 4.1 6.1

Manual Integrations  
 APPROVED

Reviewed By :Amit Patel 12/30/2021  
 Supervised By :Semsettin Yesilyurt 01/02/2022

