

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL040725\  
 Data File : VL042238.D  
 Acq On : 07 Apr 2025 18:46  
 Operator : SY/MD  
 Sample : Q1725-03DL 10X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SSSG-DUP-2-04012025DL

Quant Time: Apr 08 01:34:03 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL032725AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_L Fri Aug 2  
 QLast Update : Fri Mar 28 02:00:52 2025  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/08/2025  
 Supervised By : Mahesh Dadoda 04/09/2025

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 2.803  | 49    | 200446   | 10.000   | ppbv   | 0.02     |
| 33) 1,4-Difluorobenzene     | 3.985  | 114   | 518231   | 10.000   | ppbv   | 0.03     |
| 55) Chlorobenzene-d5        | 8.904  | 117   | 450849   | 10.000   | ppbv   | 0.03     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.396 | 95    | 356358   | 9.625    | ppbv   | 0.03     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 96.200%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 13) Ethanol                 | 1.732  | 45    | 2273m    | 1.735    | ppbv   |          |
| 15) Acetone                 | 1.845  | 43    | 119931   | 4.278    | ppbv   | 95       |
| 19) Isopropyl Alcohol       | 1.897  | 45    | 221838   | 14.025   | ppbv # | 32       |
| 20) Methylene Chloride      | 2.075  | 84    | 2236     | 0.214    | ppbv   | 92       |
| 59) m/p-Xylene              | 9.555  | 91    | 23324m   | 0.365    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

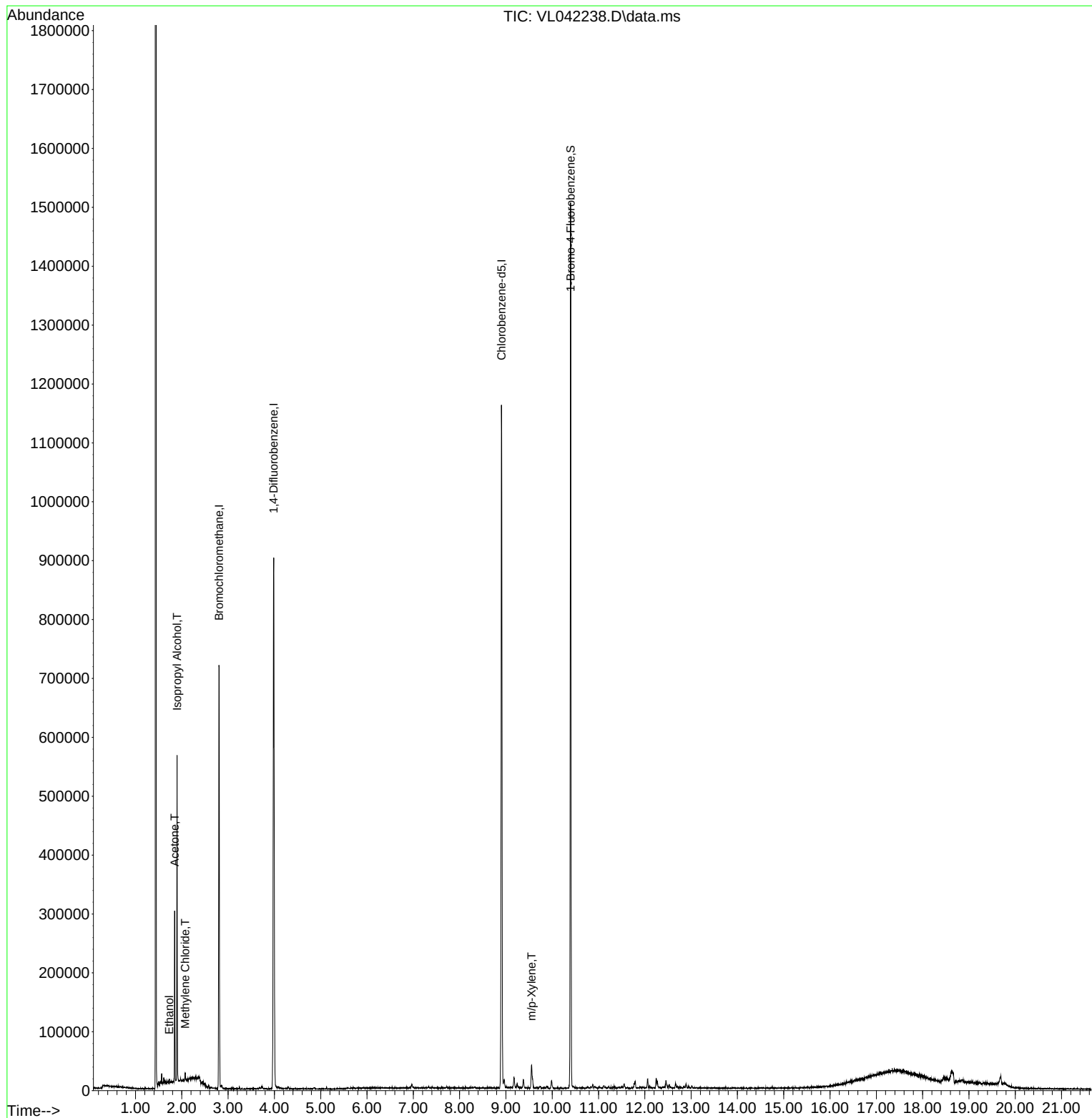
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL040725\  
Data File : VL042238.D  
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Misc : 400mL/MSVOA\_L  
ALS Vial : 8 Sample Multiplier: 1

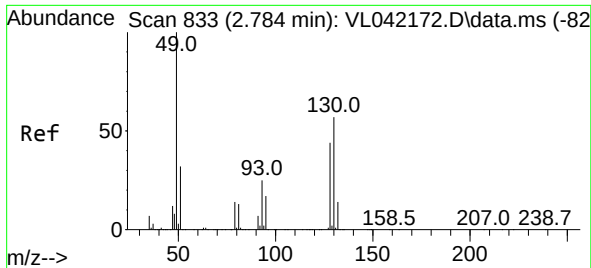
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSSG-DUP-2-04012025DL

Quant Time: Apr 08 01:34:03 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL032725AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug  
QLast Update : Fri Mar 28 02:00:52 2025  
Response via : Initial Calibration

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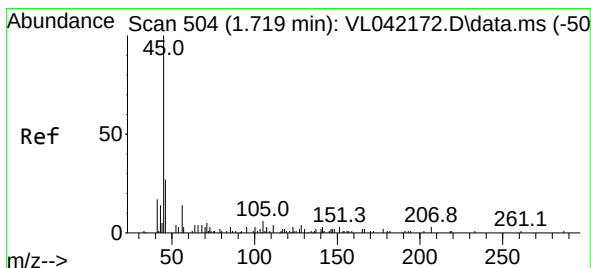
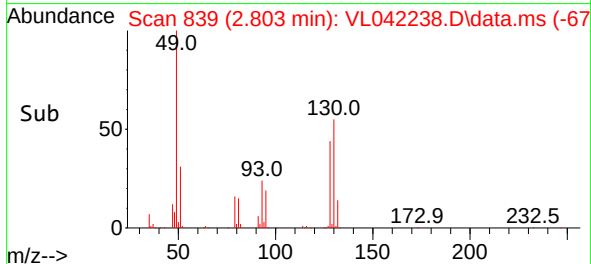
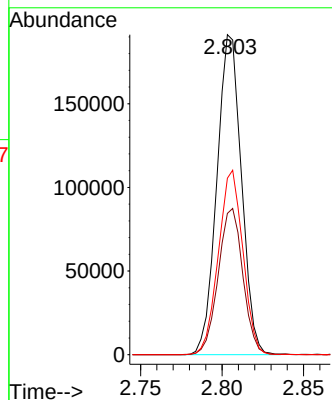
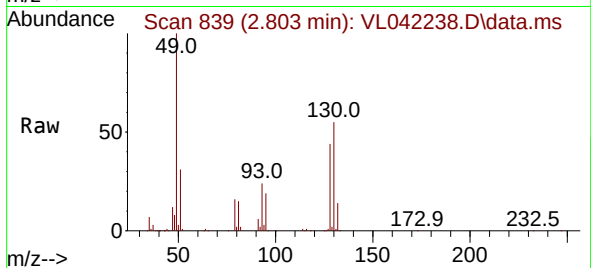
#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 2.803 min Scan# 811  
Delta R.T. 0.019 min  
Lab File: VL042238.D  
Acq: 07 Apr 2025 18:46

Instrument :  
MSVOA\_L  
ClientSampleId :  
SSSG-DUP-2-04012025DL

Tgt Ion: 49 Resp: 200440  
Ion Ratio Lower Upper  
49 100  
128 45.9 22.9 68.5  
130 57.5 28.8 86.4

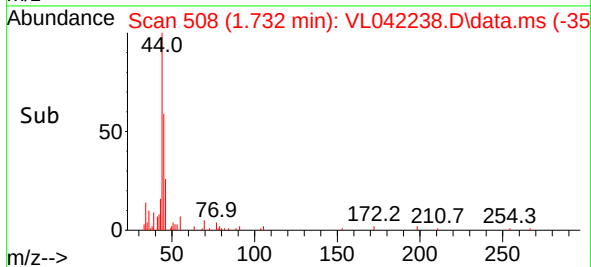
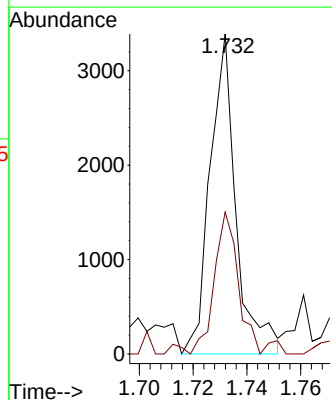
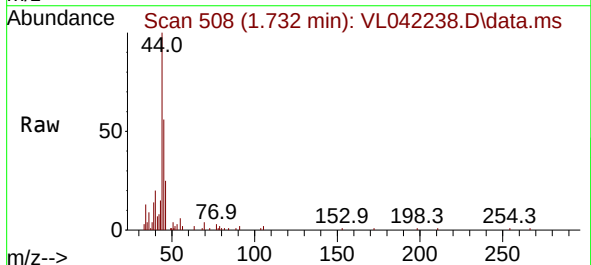
Manual Integrations  
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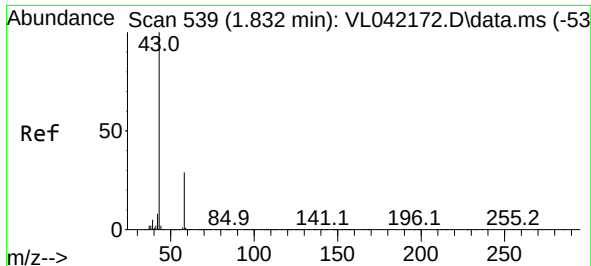
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025



#13  
Ethanol  
Concen: 1.735 ppbv m  
RT: 1.732 min Scan# 508  
Delta R.T. 0.013 min  
Lab File: VL042238.D  
Acq: 07 Apr 2025 18:46

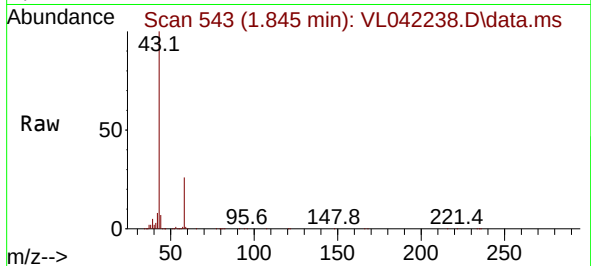
Tgt Ion: 45 Resp: 2273  
Ion Ratio Lower Upper  
45 100  
46 263.8 20.2 80.8#





#15  
Acetone  
Concen: 4.278 ppbv  
RT: 1.845 min Scan# 54  
Delta R.T. 0.013 min  
Lab File: VL042238.D  
Acq: 07 Apr 2025 18:46

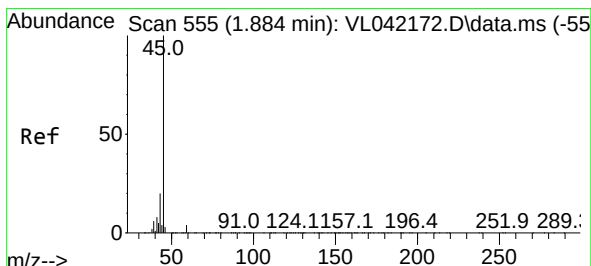
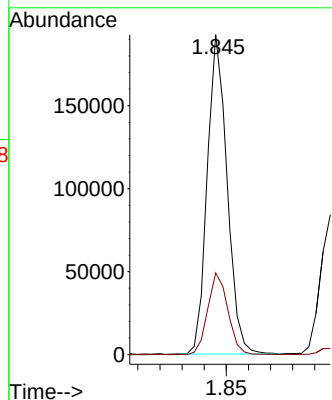
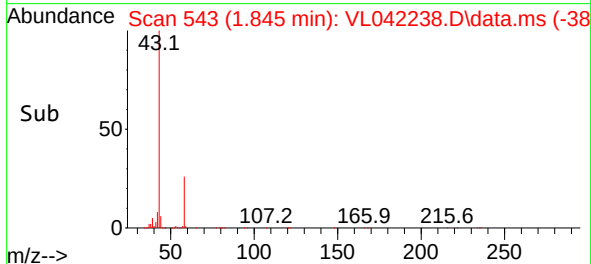
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSSG-DUP-2-04012025DL



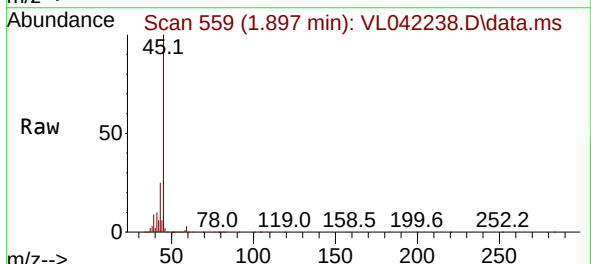
Tgt Ion: 43 Resp: 11993  
Ion Ratio Lower Upper  
43 100  
58 26.2 23.2 34.8

Manual Integrations  
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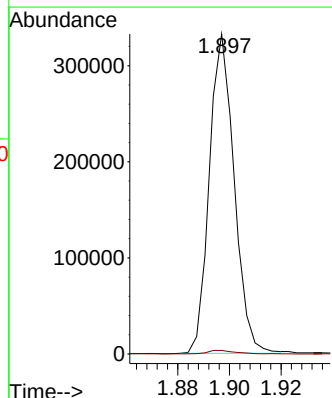
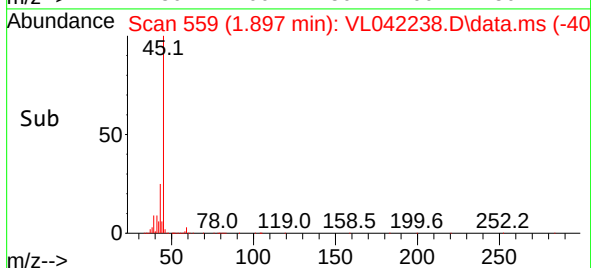
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025

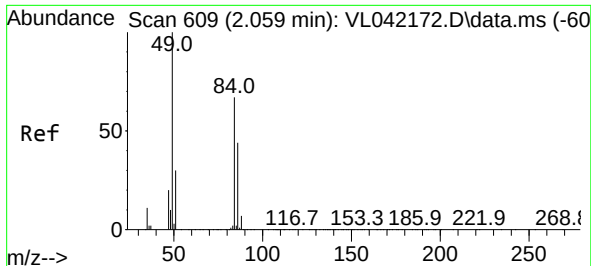


#19  
Isopropyl Alcohol  
Concen: 14.025 ppbv  
RT: 1.897 min Scan# 559  
Delta R.T. 0.013 min  
Lab File: VL042238.D  
Acq: 07 Apr 2025 18:46



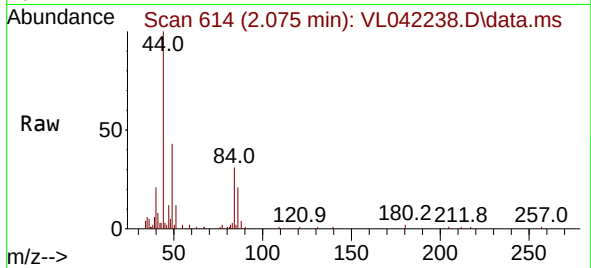
Tgt Ion: 45 Resp: 221838  
Ion Ratio Lower Upper  
45 100  
58 1.2 36.9 55.3#





#20  
Methylene Chloride  
Concen: 0.214 ppbv  
RT: 2.075 min Scan# 614  
Delta R.T. 0.016 min  
Lab File: VL042238.D  
Acq: 07 Apr 2025 18:46

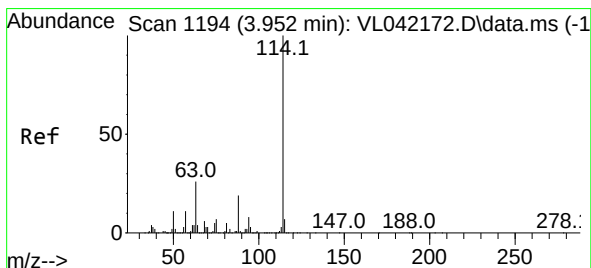
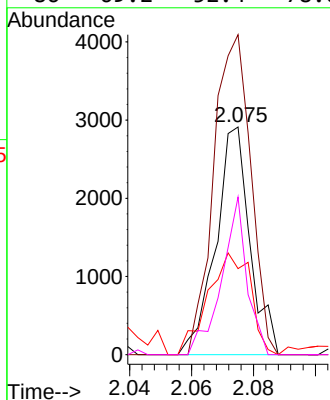
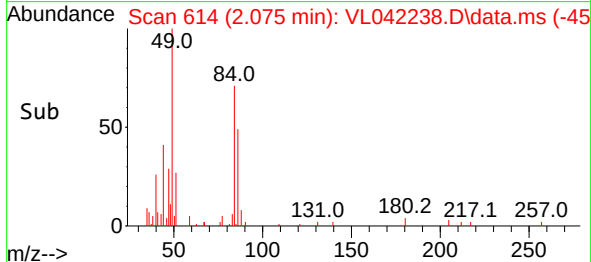
Instrument : MSVOA\_L  
ClientSampleId : SSSG-DUP-2-04012025DL



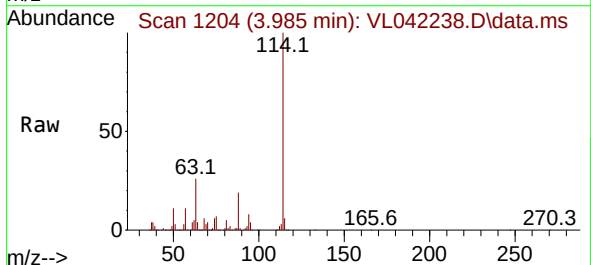
| Tgt Ion: | 84    | Resp: | 2230  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 140.6 | 120.2 | 180.4 |
| 51       | 37.8  | 37.4  | 56.0  |
| 86       | 69.2  | 52.4  | 78.6  |

Manual Integrations  
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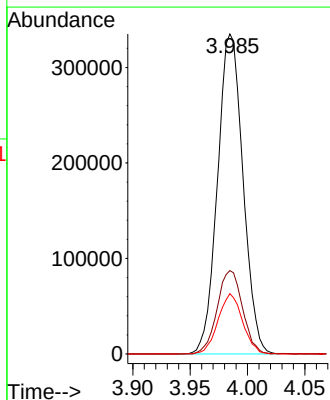
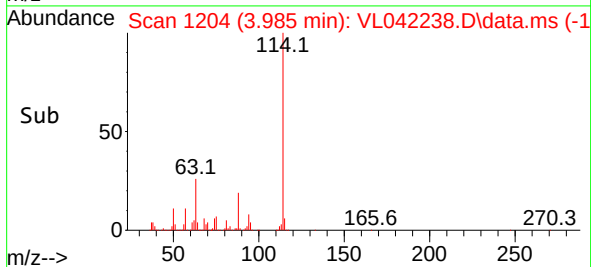
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025

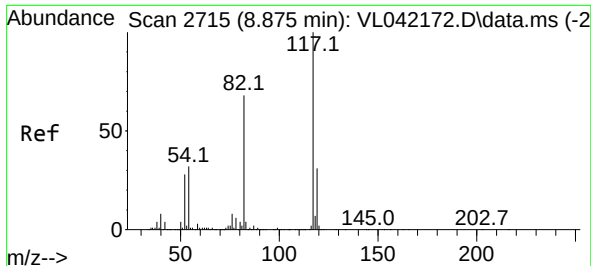


#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 3.985 min Scan# 1204  
Delta R.T. 0.032 min  
Lab File: VL042238.D  
Acq: 07 Apr 2025 18:46



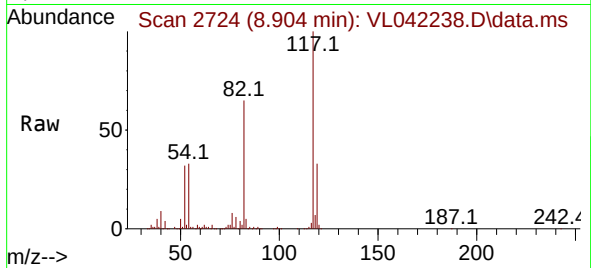
| Tgt Ion: | 114   | Resp: | 518231 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 26.0  | 20.7  | 31.1   |
| 88       | 18.1  | 15.0  | 22.4   |





#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 8.904 min Scan# 21  
Delta R.T. 0.029 min  
Lab File: VL042238.D  
Acq: 07 Apr 2025 18:46

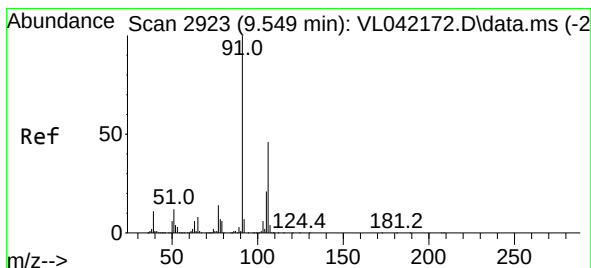
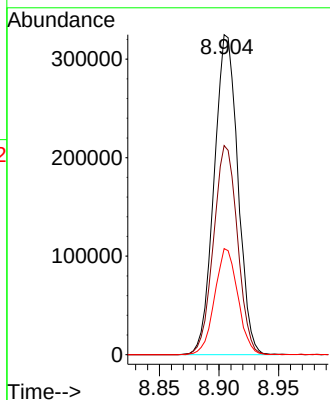
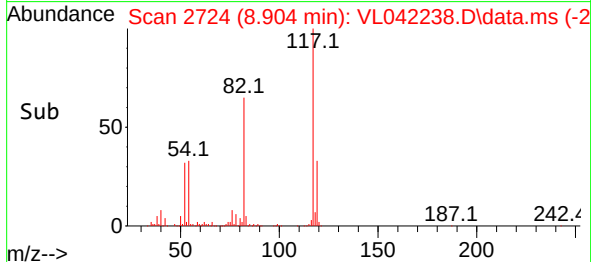
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSSG-DUP-2-04012025DL



Tgt Ion: 117 Resp: 450849  
Ion Ratio Lower Upper  
117 100  
82 65.9 55.8 83.6  
119 32.3 25.5 38.3

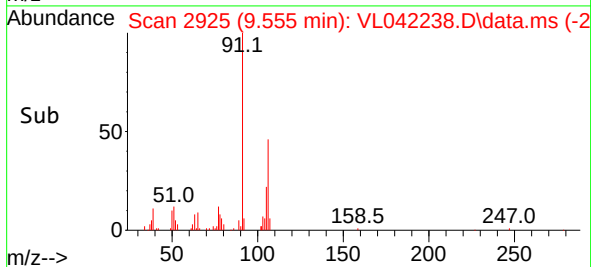
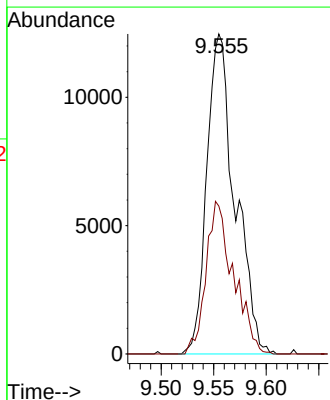
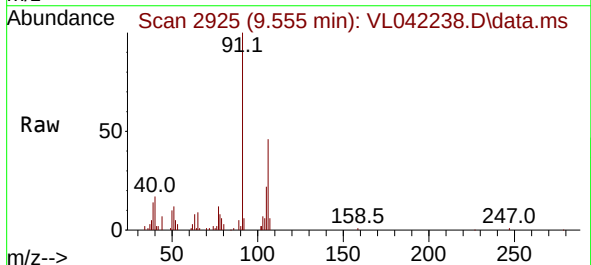
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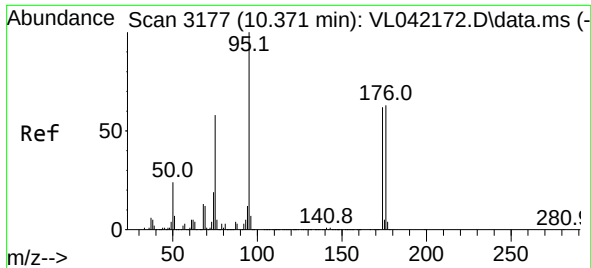
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025



#59  
m/p-Xylene  
Concen: 0.365 ppbv m  
RT: 9.555 min Scan# 2925  
Delta R.T. 0.006 min  
Lab File: VL042238.D  
Acq: 07 Apr 2025 18:46

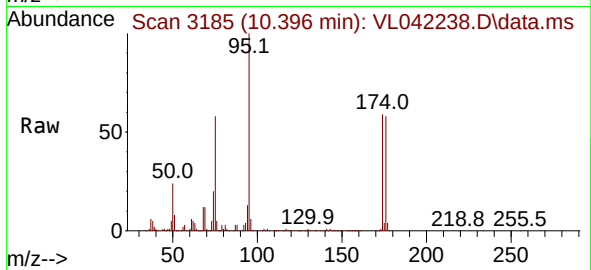
Tgt Ion: 91 Resp: 23324  
Ion Ratio Lower Upper  
91 100  
106 0.0 36.4 54.6#





#68  
 1-Bromo-4-Fluorobenzene  
 Concen: 9.625 ppbv  
 RT: 10.396 min Scan# 3177  
 Delta R.T. 0.026 min  
 Lab File: VL042238.D  
 Acq: 07 Apr 2025 18:46

Instrument : MSVOA\_L  
 ClientSampleId : SSSG-DUP-2-04012025DL



Tgt Ion: 95 Resp: 356358  
 Ion Ratio Lower Upper  
 95 100  
 174 60.8 50.6 76.0  
 175 4.3 3.8 5.6

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