

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL040725\  
 Data File : VL042239.D  
 Acq On : 07 Apr 2025 19:17  
 Operator : SY/MD  
 Sample : Q1725-05DL 10X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SSSG-B14-3-04012025DL

Manual Integrations  
 APPROVED

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

Quant Time: Apr 08 01:34:26 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL032725AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_LFri Aug 2025

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 2.803  | 49    | 192644   | 10.000   | ppbv   | 0.02     |
| 33) 1,4-Difluorobenzene     | 3.985  | 114   | 502203   | 10.000   | ppbv   | 0.03     |
| 55) Chlorobenzene-d5        | 8.908  | 117   | 443302   | 10.000   | ppbv   | 0.03     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.397 | 95    | 352454   | 9.682    | ppbv   | 0.03     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 96.800%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 13) Ethanol                 | 1.732  | 45    | 2731m    | 2.169    | ppbv   |          |
| 15) Acetone                 | 1.845  | 43    | 124436   | 4.619    | ppbv   | 94       |
| 19) Isopropyl Alcohol       | 1.897  | 45    | 243073   | 15.990   | ppbv # | 32       |
| 20) Methylene Chloride      | 2.072  | 84    | 1777     | 0.177    | ppbv # | 59       |
| 59) m/p-Xylene              | 9.555  | 91    | 18879    | 0.300    | ppbv   | 99       |
| -----                       |        |       |          |          |        |          |

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

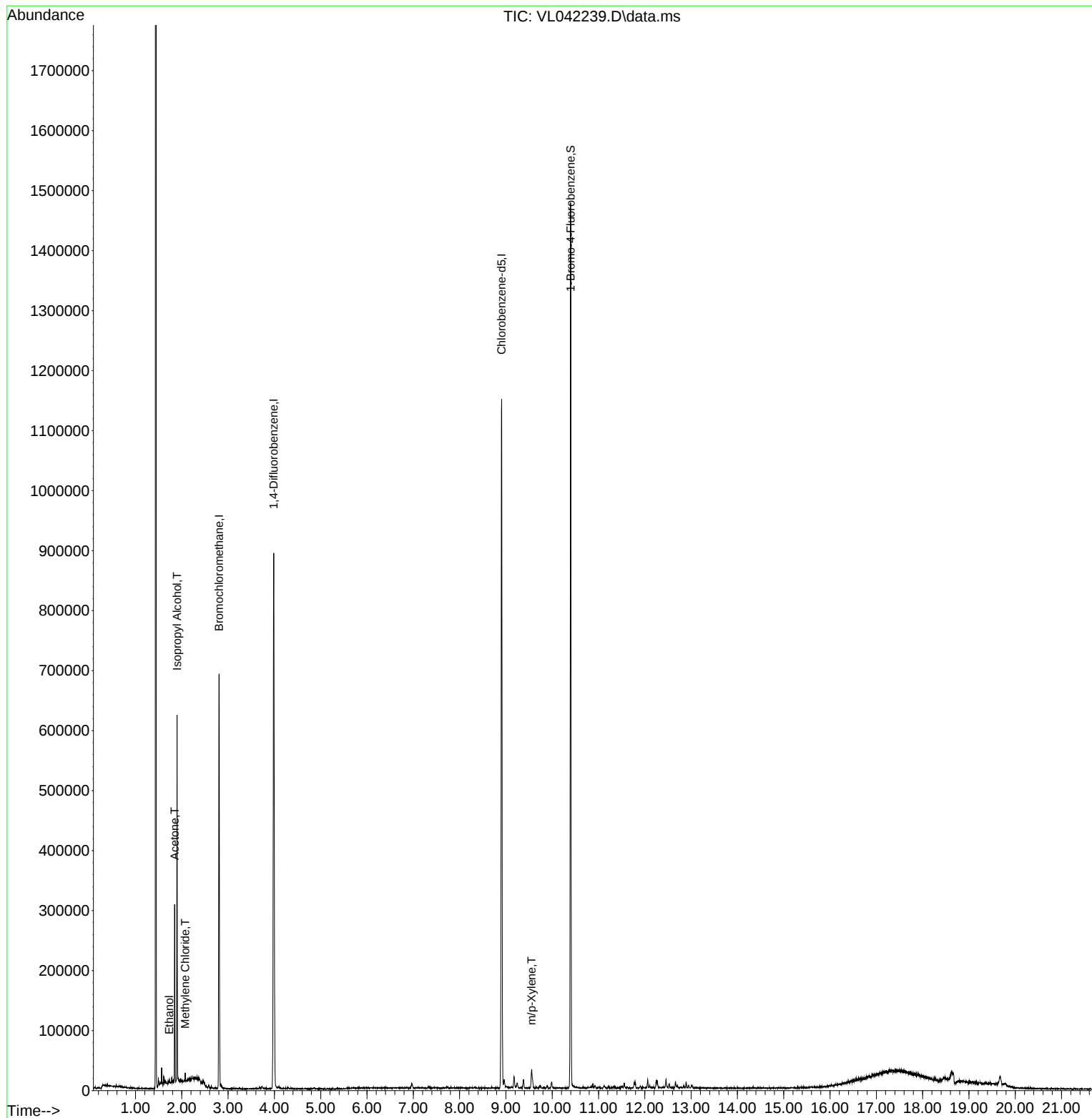
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL040725\  
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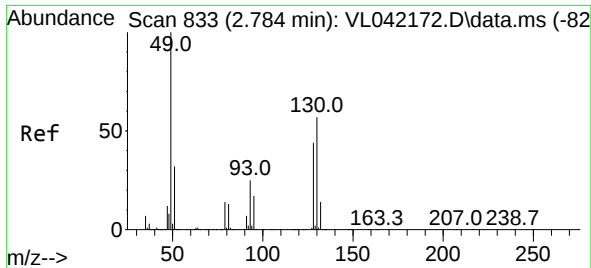
Instrument :  
MSVOA\_L  
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SSSG-B14-3-04012025DL

Quant Time: Apr 08 01:34:26 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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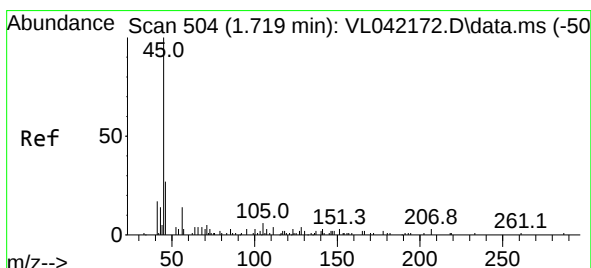
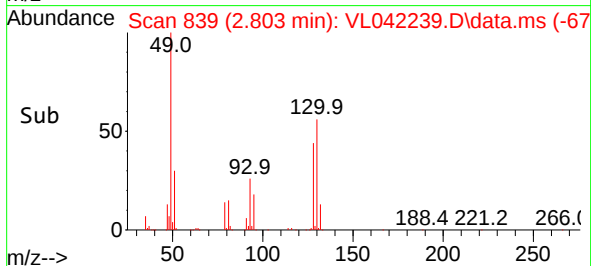
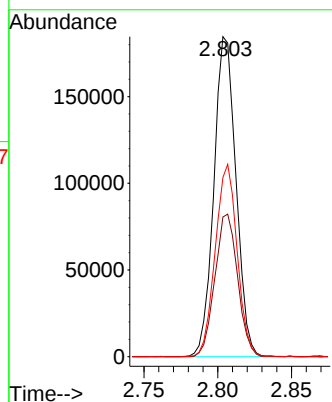
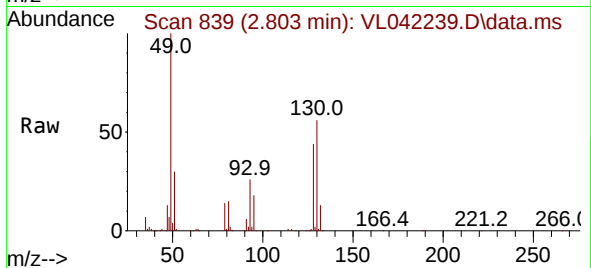
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Bromochloromethane  
Concen: 10.000 ppbv  
RT: 2.803 min Scan# 81  
Delta R.T. 0.019 min  
Lab File: VL042239.D  
Acq: 07 Apr 2025 19:17

Instrument :  
MSVOA\_L  
ClientSampleId :  
SSSG-B14-3-04012025DL

Tgt Ion: 49 Resp: 192644  
Ion Ratio Lower Upper  
49 100  
128 45.8 22.9 68.5  
130 59.4 28.8 86.4

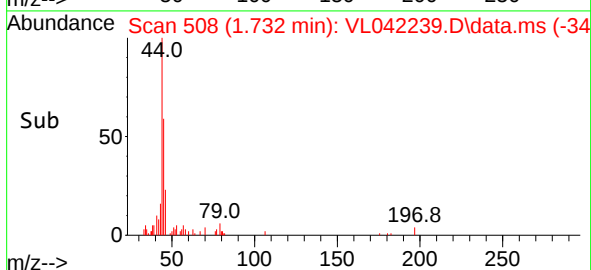
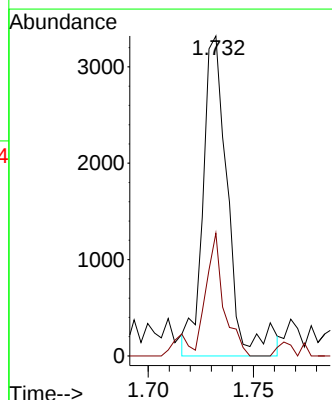
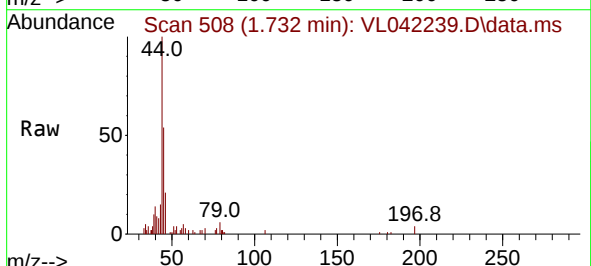
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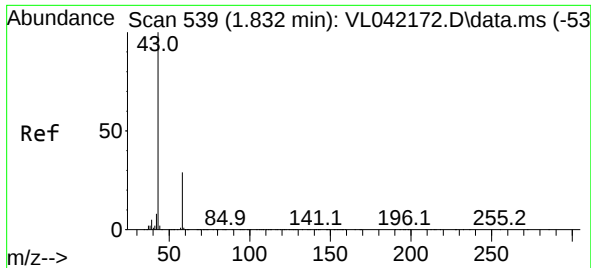
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025



#13  
Ethanol  
Concen: 2.169 ppbv m  
RT: 1.732 min Scan# 508  
Delta R.T. 0.013 min  
Lab File: VL042239.D  
Acq: 07 Apr 2025 19:17

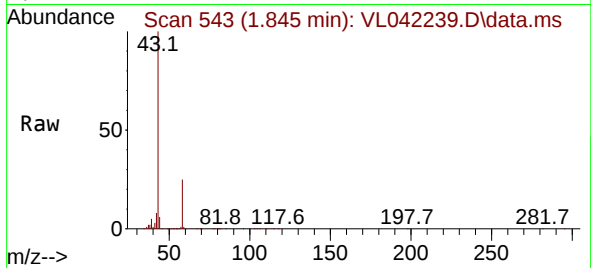
Tgt Ion: 45 Resp: 2731  
Ion Ratio Lower Upper  
45 100  
46 228.3 20.2 80.8#





#15  
Acetone  
Concen: 4.619 ppbv  
RT: 1.845 min Scan# 54  
Delta R.T. 0.013 min  
Lab File: VL042239.D  
Acq: 07 Apr 2025 19:17

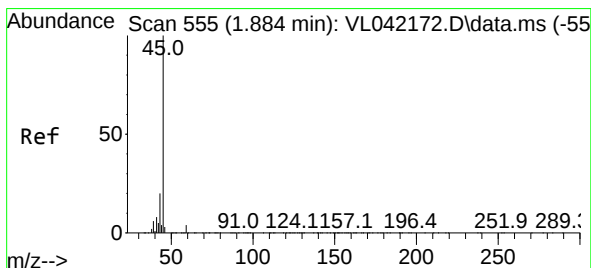
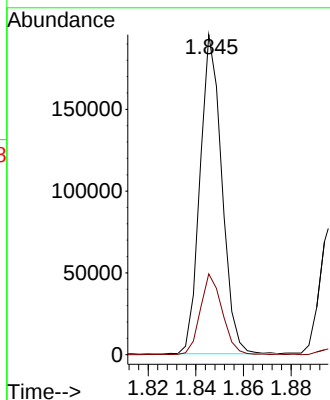
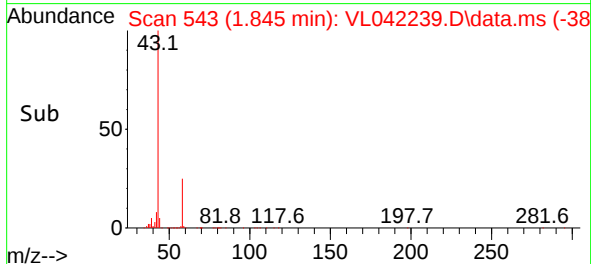
Instrument :  
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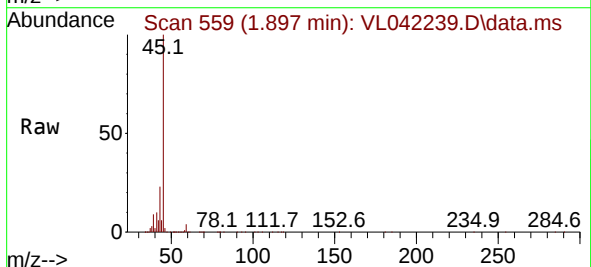
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Ion Ratio Lower Upper  
43 100  
58 25.7 23.2 34.8

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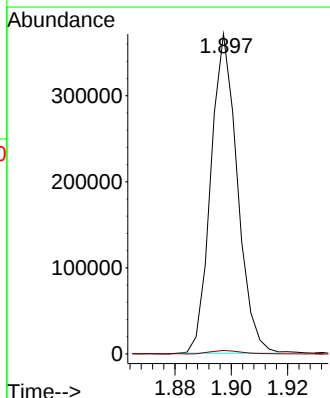
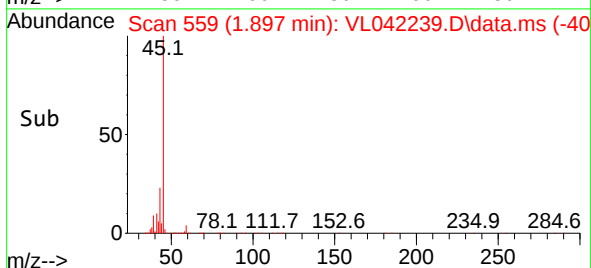
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025

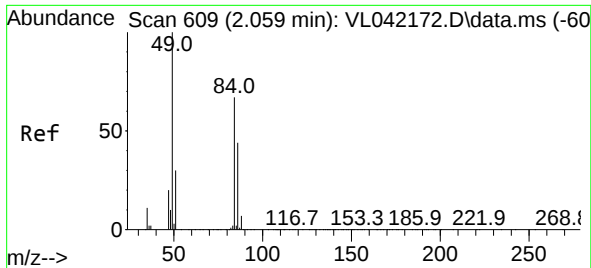


#19  
Isopropyl Alcohol  
Concen: 15.990 ppbv  
RT: 1.897 min Scan# 559  
Delta R.T. 0.013 min  
Lab File: VL042239.D  
Acq: 07 Apr 2025 19:17



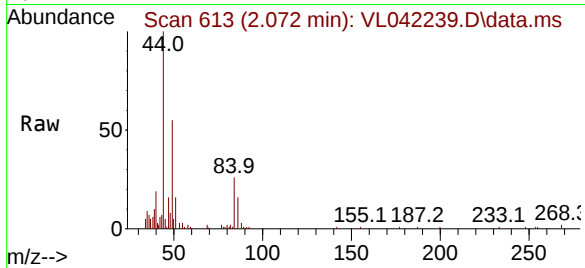
Tgt Ion: 45 Resp: 243073  
Ion Ratio Lower Upper  
45 100  
58 1.3 36.9 55.3#





#20  
Methylene Chloride  
Concen: 0.177 ppbv  
RT: 2.072 min Scan# 613  
Delta R.T. 0.013 min  
Lab File: VL042239.D  
Acq: 07 Apr 2025 19:17

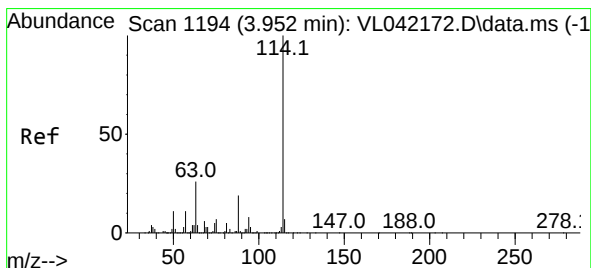
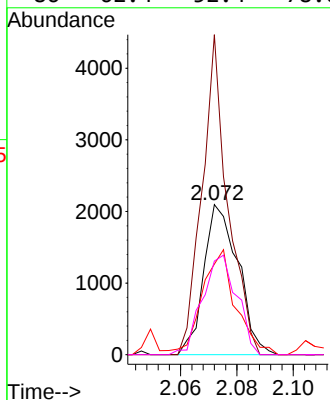
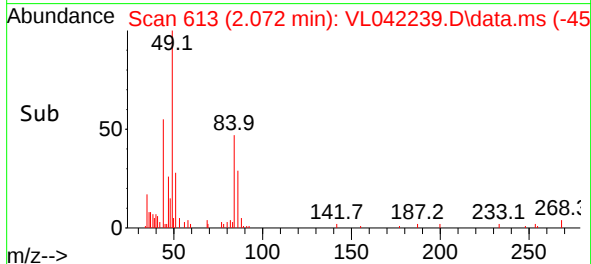
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSSG-B14-3-04012025DL



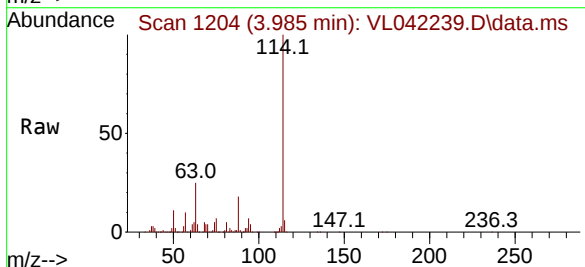
| Tgt Ion: | 84    | Resp: | 177   |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 231.4 | 120.2 | 180.4 |
| 51       | 60.3  | 37.4  | 56.0  |
| 86       | 62.4  | 52.4  | 78.6  |

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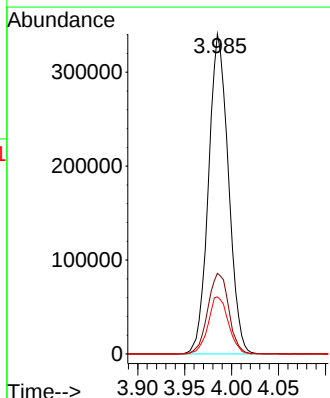
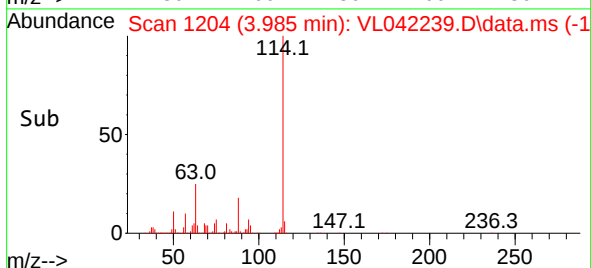
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025

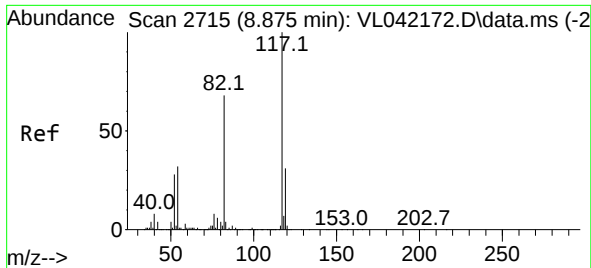


#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 3.985 min Scan# 1204  
Delta R.T. 0.032 min  
Lab File: VL042239.D  
Acq: 07 Apr 2025 19:17



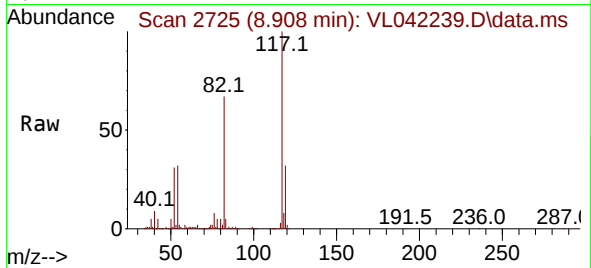
| Tgt Ion: | 114   | Resp: | 502203 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 26.6  | 20.7  | 31.1   |
| 88       | 18.2  | 15.0  | 22.4   |





#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 8.908 min Scan# 21  
Delta R.T. 0.032 min  
Lab File: VL042239.D  
Acq: 07 Apr 2025 19:17

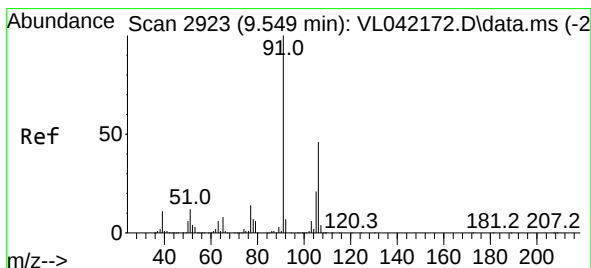
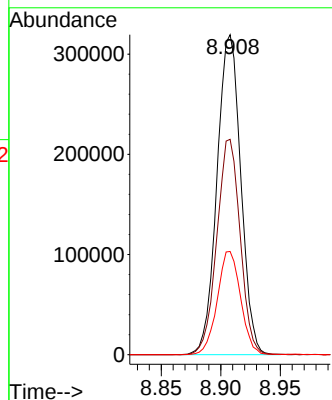
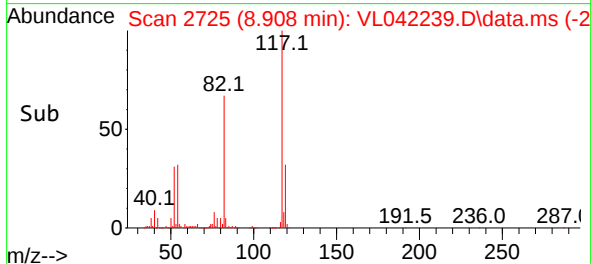
Instrument :  
MSVOA\_L  
ClientSampleId :  
SSSG-B14-3-04012025DL



Tgt Ion: 117 Resp: 443302  
Ion Ratio Lower Upper  
117 100  
82 66.1 55.8 83.6  
119 31.8 25.5 38.3

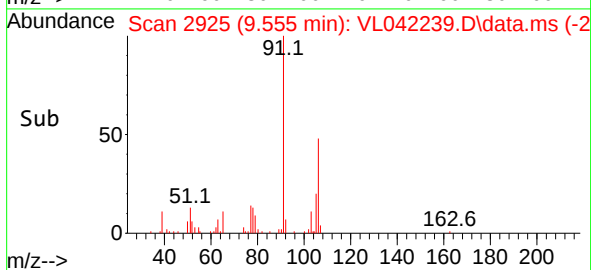
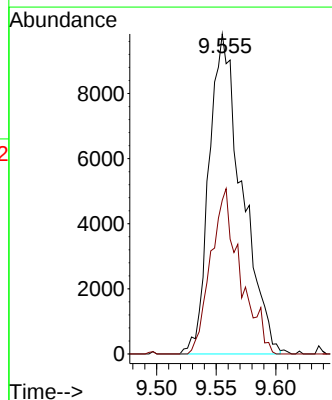
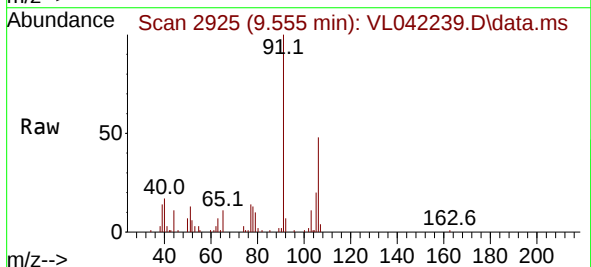
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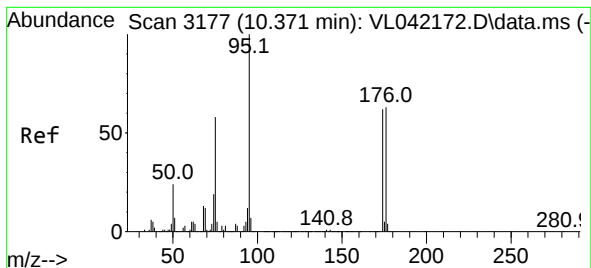
Reviewed By :Semsettin Yesilyurt 04/08/2025  
Supervised By :Mahesh Dadoda 04/09/2025



#59  
m/p-Xylene  
Concen: 0.300 ppbv  
RT: 9.555 min Scan# 2925  
Delta R.T. 0.007 min  
Lab File: VL042239.D  
Acq: 07 Apr 2025 19:17

Tgt Ion: 91 Resp: 18879  
Ion Ratio Lower Upper  
91 100  
106 46.4 36.4 54.6





#68

1-Bromo-4-Fluorobenzene

Concen: 9.682 ppbv

RT: 10.397 min Scan# 31

Delta R.T. 0.026 min

Lab File: VL042239.D

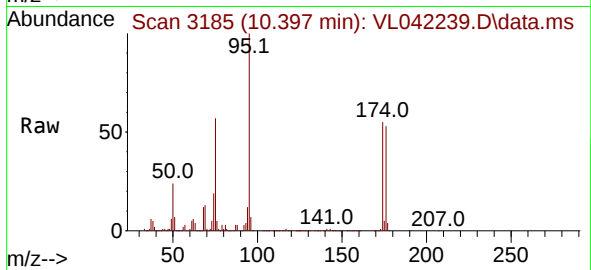
Acq: 07 Apr 2025 19:17

Instrument :

MSVOA\_L

ClientSampleId :

SSSG-B14-3-04012025DL



Tgt Ion: 95 Resp: 352454

Ion Ratio Lower Upper

95 100

174 60.1 50.6 76.0

175 4.6 3.8 5.6

Manual Integrations

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