

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL031425\  
 Data File : VL042144.D  
 Acq On : 14 Mar 2025 10:40  
 Operator : SY/MD  
 Sample : QC031225 CAN 10300  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 QC031225 CAN 10300

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2025  
 Supervised By :Mahesh Dadoda 03/17/2025

Quant Time: Mar 15 06:26:44 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL022525AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_L Fri Aug 2  
 QLast Update : Wed Feb 26 01:08:36 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Bromochloromethane       | 2.790  | 49    | 156449   | 10.000   | ppbv       | 0.00     |
| 33) 1,4-Difluorobenzene     | 3.962  | 114   | 356468   | 10.000   | ppbv       | -0.02    |
| 55) Chlorobenzene-d5        | 8.885  | 117   | 305960   | 10.000   | ppbv       | -0.02    |
| System Monitoring Compounds |        |       |          |          |            |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.380 | 95    | 235975   | 10.025   | ppbv       | -0.01    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | = 100.200% |          |
| Target Compounds            |        |       |          |          |            |          |
| 52) Tetrachloroethene       | 8.225  | 164   | 7767m    | 0.608    | ppbv       | Qvalue   |
| -----                       |        |       |          |          |            |          |

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

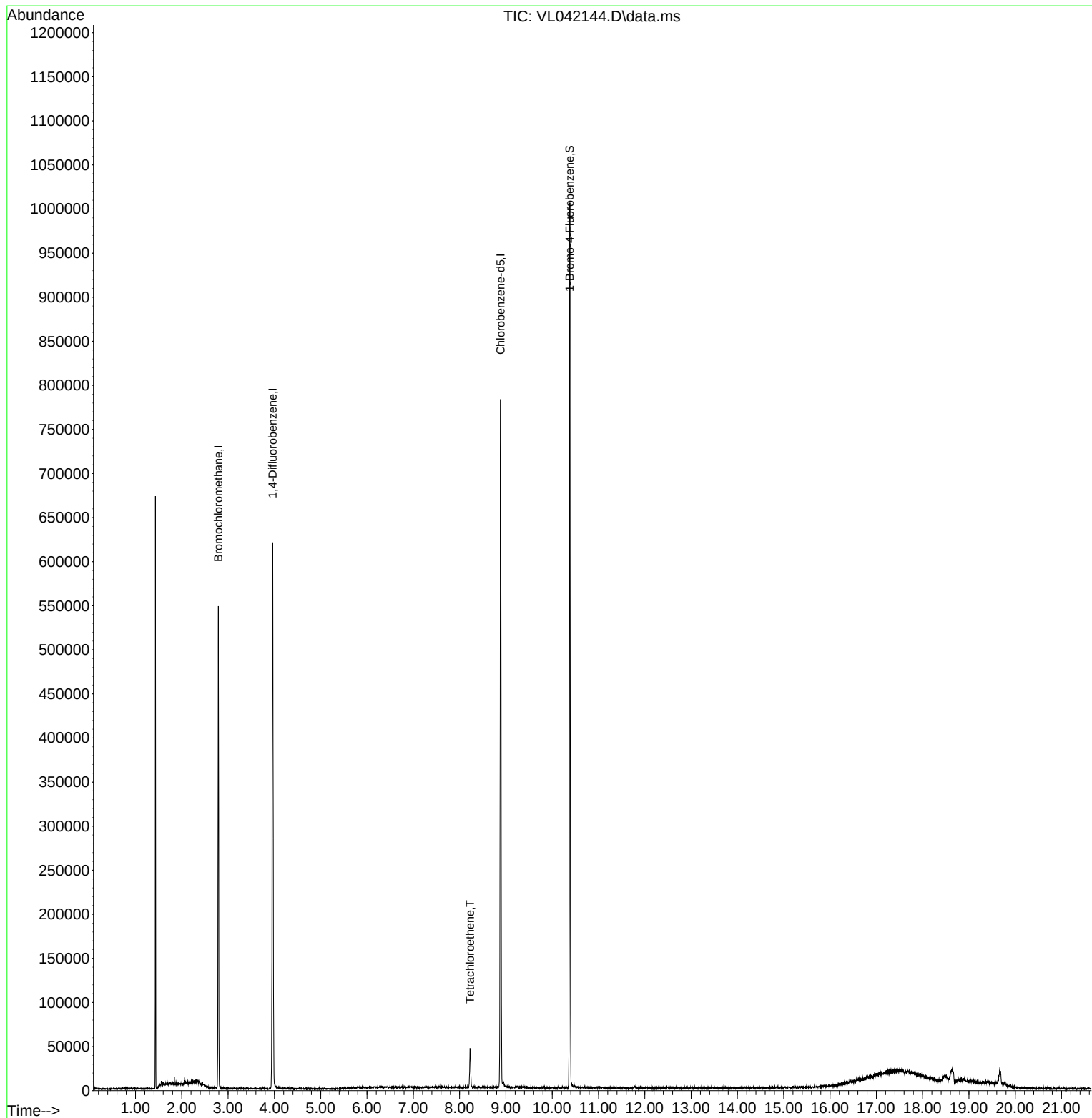
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL031425\  
Data File : VL042144.D  
Acq On : 14 Mar 2025 10:40  
Operator : SY/MD  
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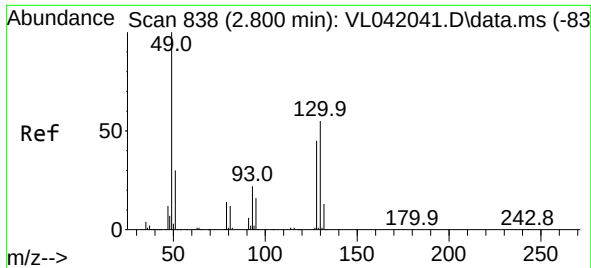
Instrument :  
MSVOA\_L  
ClientSampleId :  
QC031225 CAN 10300

Quant Time: Mar 15 06:26:44 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL022525AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug  
QLast Update : Wed Feb 26 01:08:36 2025  
Response via : Initial Calibration

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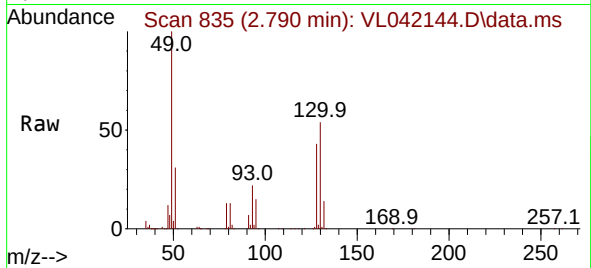
Reviewed By : Semsettin Yesilyurt 03/17/2025  
Supervised By : Mahesh Dadoda 03/17/2025





#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 2.790 min Scan# 81  
Delta R.T. -0.010 min  
Lab File: VL042144.D  
Acq: 14 Mar 2025 10:40

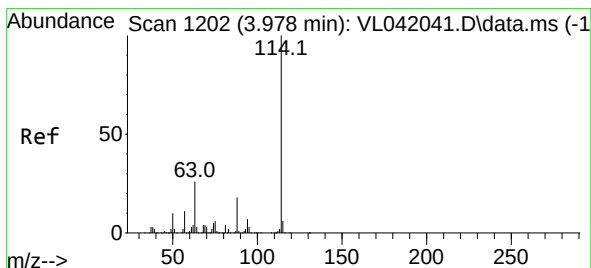
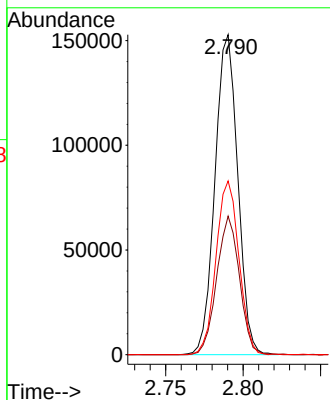
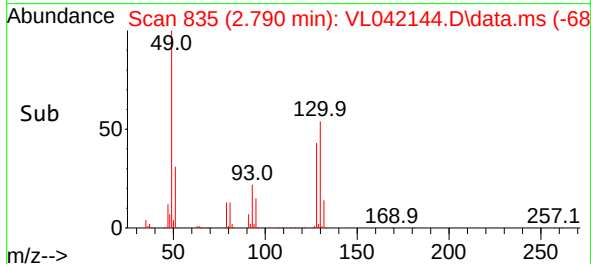
Instrument :  
MSVOA\_L  
ClientSampleId :  
QC031225 CAN 10300



Tgt Ion: 49 Resp: 156449  
Ion Ratio Lower Upper  
49 100  
128 43.2 21.6 64.8  
130 54.7 27.8 83.4

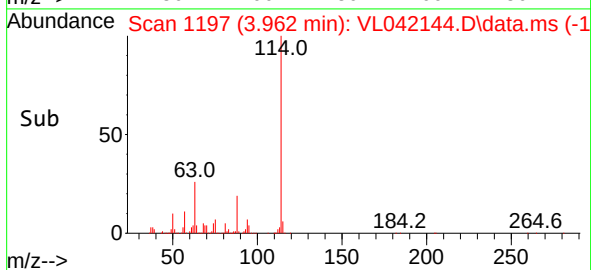
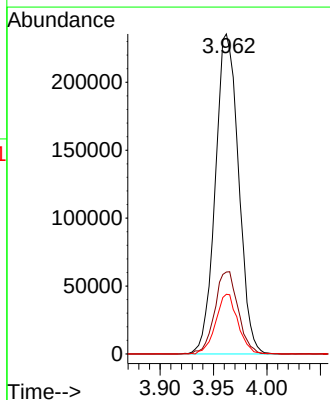
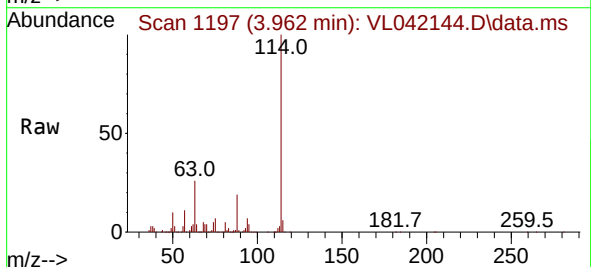
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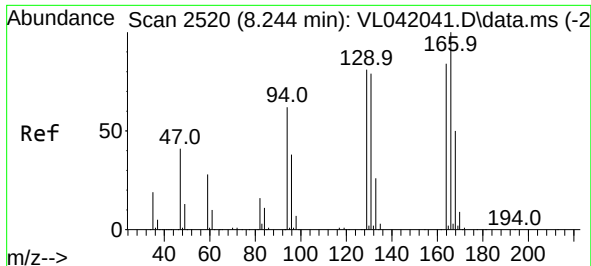
Reviewed By :Semsettin Yesilyurt 03/17/2025  
Supervised By :Mahesh Dadoda 03/17/2025



#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 3.962 min Scan# 1197  
Delta R.T. -0.016 min  
Lab File: VL042144.D  
Acq: 14 Mar 2025 10:40

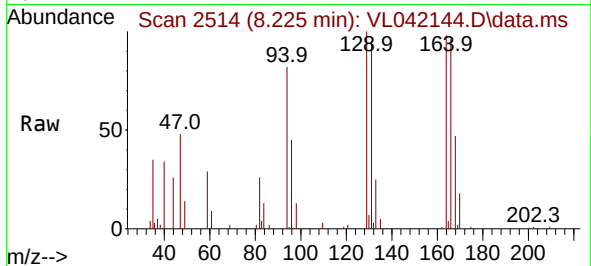
Tgt Ion:114 Resp: 356468  
Ion Ratio Lower Upper  
114 100  
63 25.9 20.1 30.1  
88 17.8 14.3 21.5





#52  
Tetrachloroethene  
Concen: 0.608 ppbv m  
RT: 8.225 min Scan# 21  
Delta R.T. -0.019 min  
Lab File: VL042144.D  
Acq: 14 Mar 2025 10:40

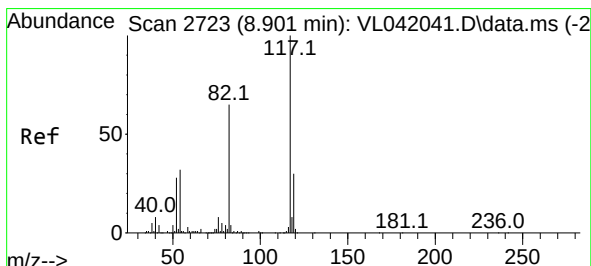
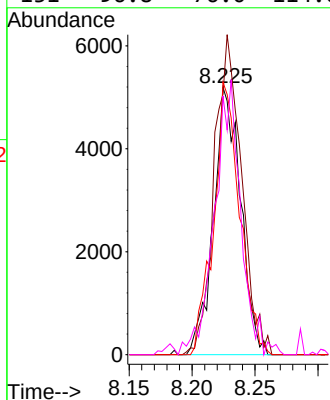
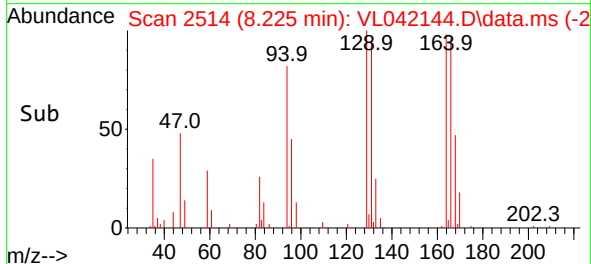
Instrument :  
MSVOA\_L  
ClientSampleId :  
QC031225 CAN 10300



Tgt Ion:164 Resp: 776  
Ion Ratio Lower Upper  
164 100  
166 97.4 95.7 143.5  
129 101.9 77.1 115.7  
131 96.8 76.0 114.0

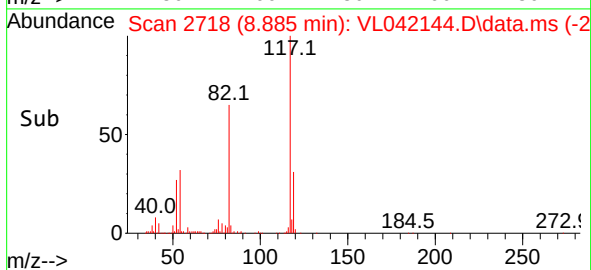
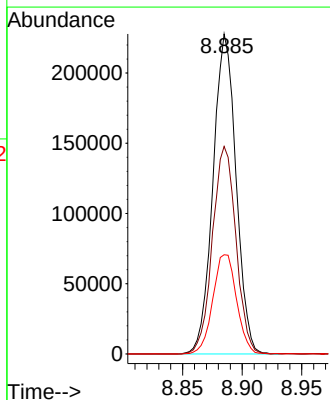
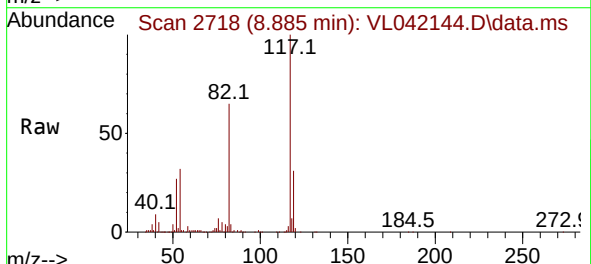
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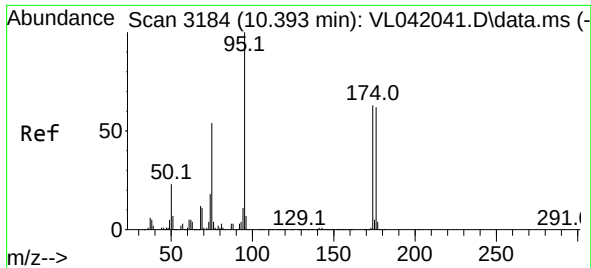
Reviewed By :Semsettin Yesilyurt 03/17/2025  
Supervised By :Mahesh Dadoda 03/17/2025



#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 8.885 min Scan# 2718  
Delta R.T. -0.016 min  
Lab File: VL042144.D  
Acq: 14 Mar 2025 10:40

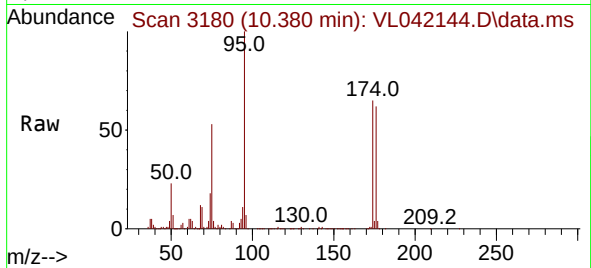
Tgt Ion:117 Resp: 305960  
Ion Ratio Lower Upper  
117 100  
82 66.2 55.0 82.6  
119 32.1 25.9 38.9





#68  
 1-Bromo-4-Fluorobenzene  
 Concen: 10.025 ppbv  
 RT: 10.380 min Scan# 31  
 Delta R.T. -0.013 min  
 Lab File: VL042144.D  
 Acq: 14 Mar 2025 10:40

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 QC031225 CAN 10300



Tgt Ion: 95 Resp: 235979  
 Ion Ratio Lower Upper  
 95 100  
 174 64.2 51.8 77.6  
 175 4.7 3.9 5.9

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