Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
Data File : VL042106.D
Acq On : 05 Mar 2025 16:28
Operator : SY/MD
Sample : Q1483-05DL 1200X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 06 01:09:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV3DL

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.807	49	159641	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.991	114	358572	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.914	117	298512	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.403	95	220196	9.588	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.900%			
Target Compounds						Qvalue
38) Trichloroethene	4.590	130	8242m	0.538	ppbv	
52) Tetrachloroethene	8.257	164	311077	24.208	ppbv	98

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

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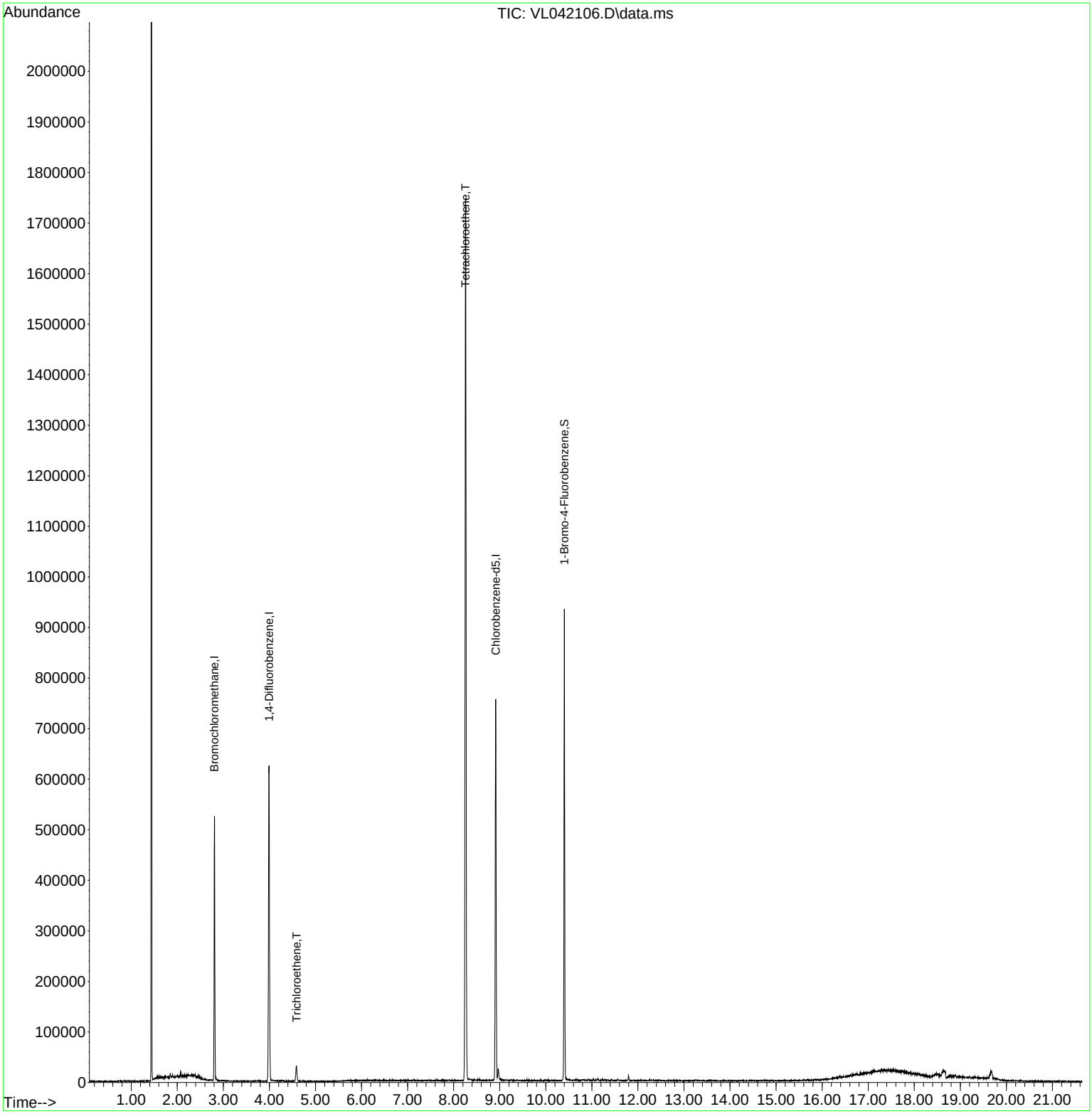

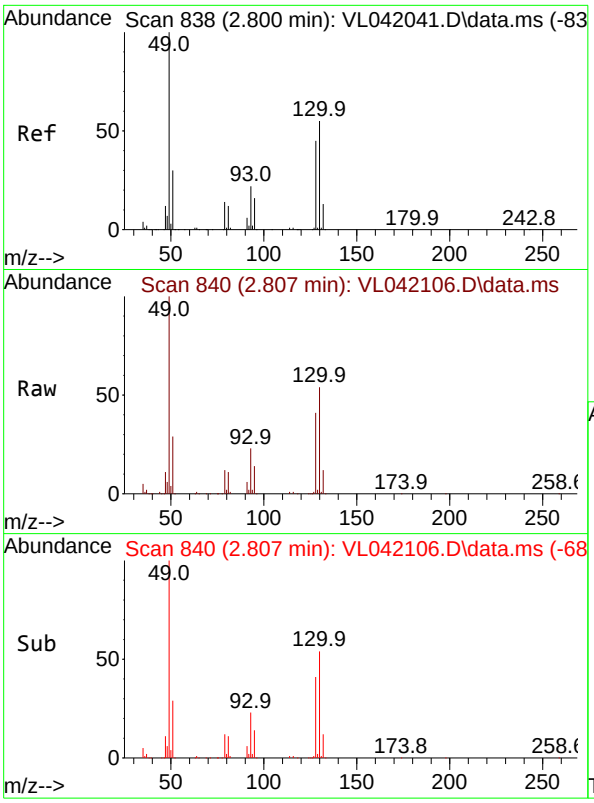

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.807 min Scan# 84
Delta R.T. 0.007 min
Lab File: VL042106.D
Acq: 05 Mar 2025 16:28

Tgt Ion: 49 Resp: 15964

Ion	Ratio	Lower	Upper
49	100		
128	42.3	21.6	64.8
130	53.7	27.8	83.4

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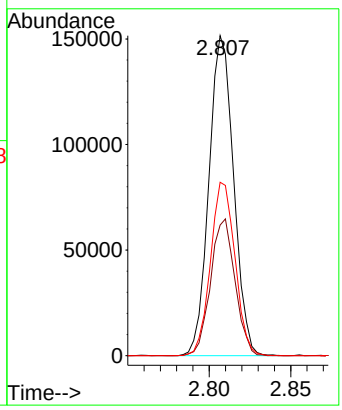
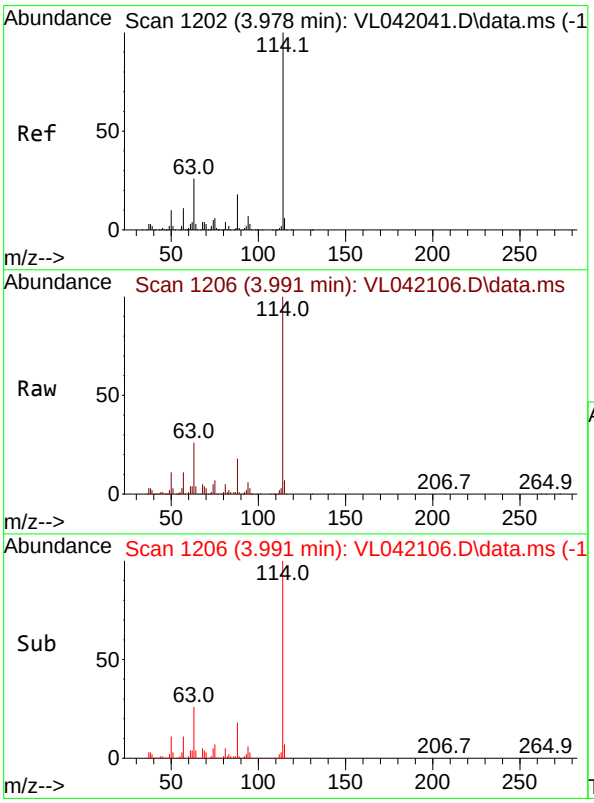
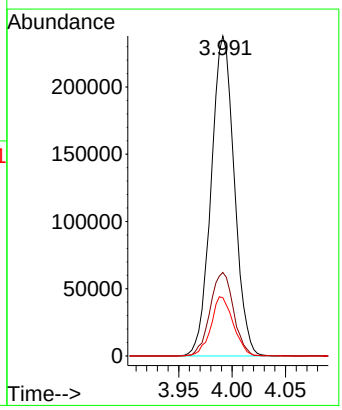


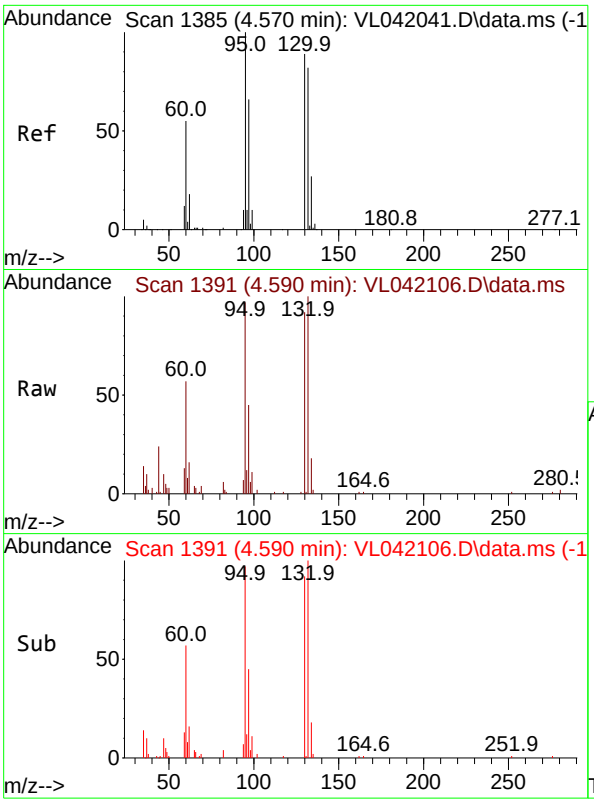


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.991 min Scan# 1206
Delta R.T. 0.013 min
Lab File: VL042106.D
Acq: 05 Mar 2025 16:28

Tgt Ion:114 Resp: 358572

Ion	Ratio	Lower	Upper
114	100		
63	26.5	20.1	30.1
88	17.9	14.3	21.5

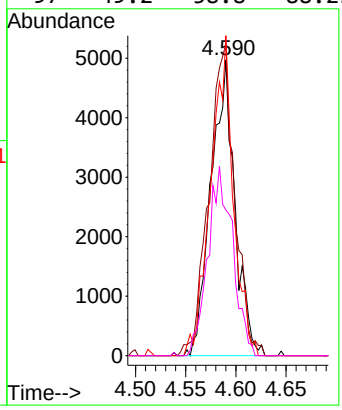




#38
Trichloroethene
Concen: 0.538 ppbv m
RT: 4.590 min Scan# 1
Delta R.T. 0.020 min
Lab File: VL042106.D
Acq: 05 Mar 2025 16:28

Tgt Ion:130 Resp: 824

Ion	Ratio	Lower	Upper
130	100		
95	105.4	89.5	134.3
132	108.1	73.8	110.6
97	49.2	58.8	88.2#



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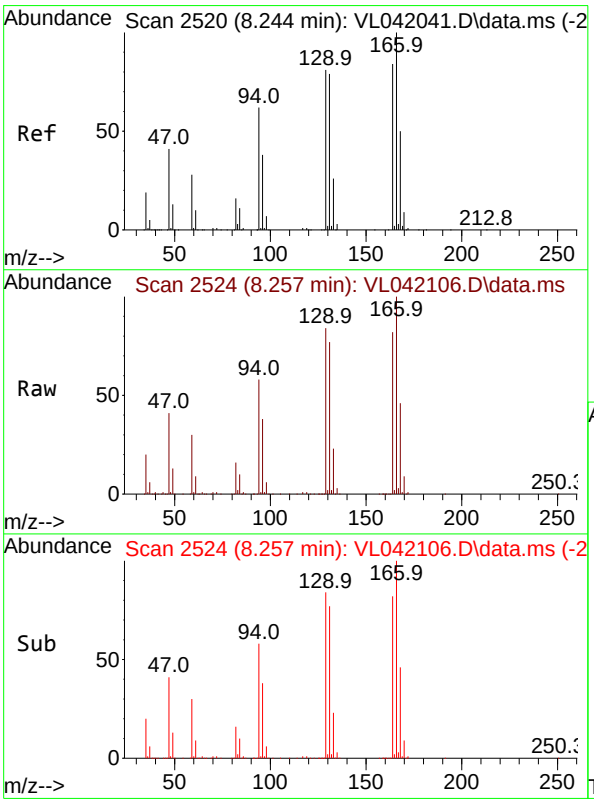
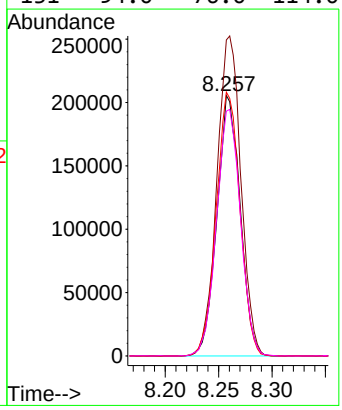
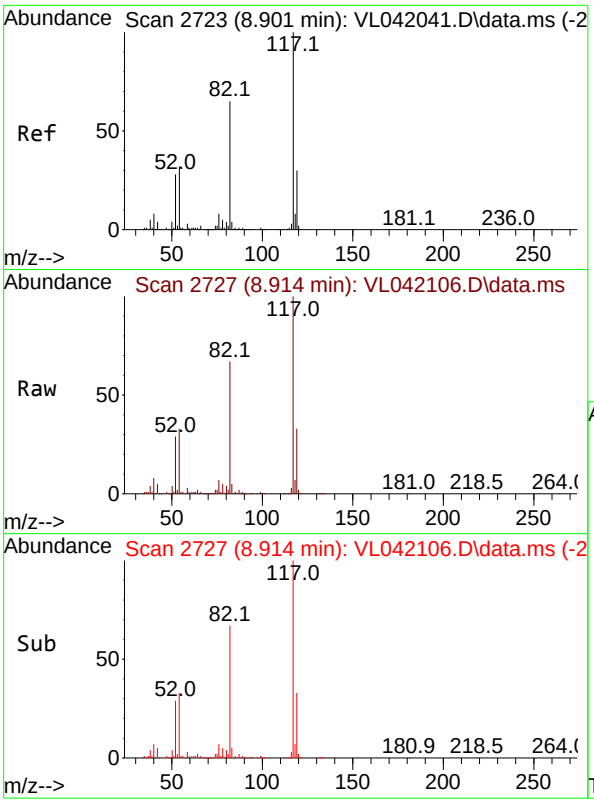


#52
Tetrachloroethene
Concen: 24.208 ppbv
RT: 8.257 min Scan# 2524
Delta R.T. 0.013 min
Lab File: VL042106.D
Acq: 05 Mar 2025 16:28

Tgt Ion:164 Resp: 311077

Ion	Ratio	Lower	Upper
164	100		
166	121.3	95.7	143.5
129	101.3	77.1	115.7
131	94.0	76.0	114.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.914 min Scan# 2
Delta R.T. 0.013 min
Lab File: VL042106.D
Acq: 05 Mar 2025 16:28

Tgt Ion:117 Resp: 29851

Ion	Ratio	Lower	Upper
117	100		
82	67.0	55.0	82.6
119	32.6	25.9	38.9

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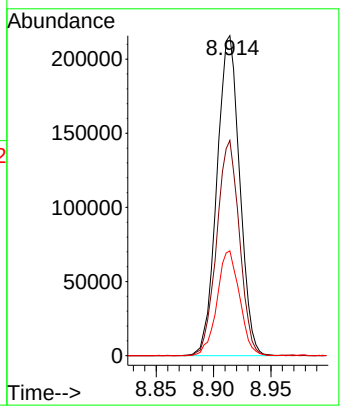

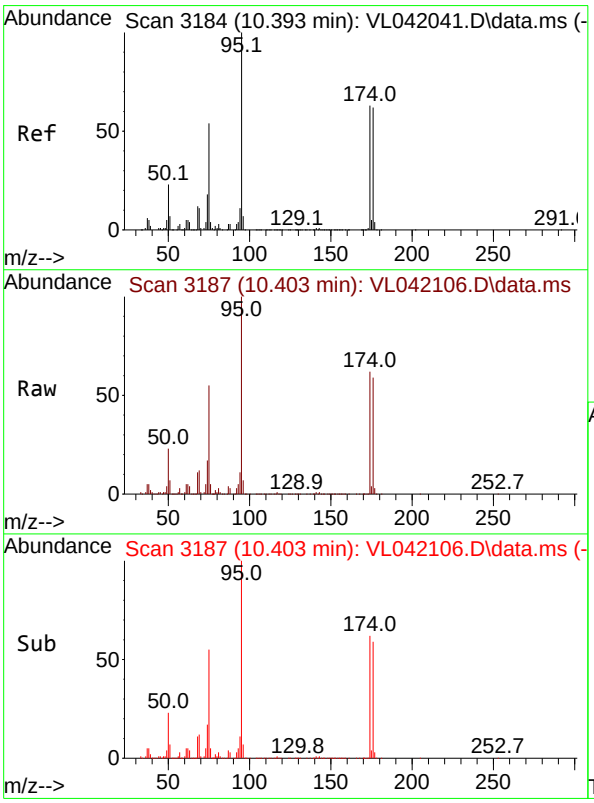

#68
1-Bromo-4-Fluorobenzene
Concen: 9.588 ppbv
RT: 10.403 min Scan# 3187
Delta R.T. 0.010 min
Lab File: VL042106.D
Acq: 05 Mar 2025 16:28

Tgt Ion: 95 Resp: 220196

Ion	Ratio	Lower	Upper
95	100		
174	62.7	51.8	77.6
175	4.7	3.9	5.9