Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
Data File : VL042516.D
Acq On : 07 May 2025 13:50
Operator : SY/MD
Sample : MDL2 0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 08 01:35:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri May 02 03:16:31 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.790	49	74074	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	183542	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	155750	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	138229	9.573	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.700%			
Target Compounds						Qvalue
32) 1,1,1-Trichloroethane	3.373	97	646m	0.034	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.976	83	524m	0.035	ppbv	

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

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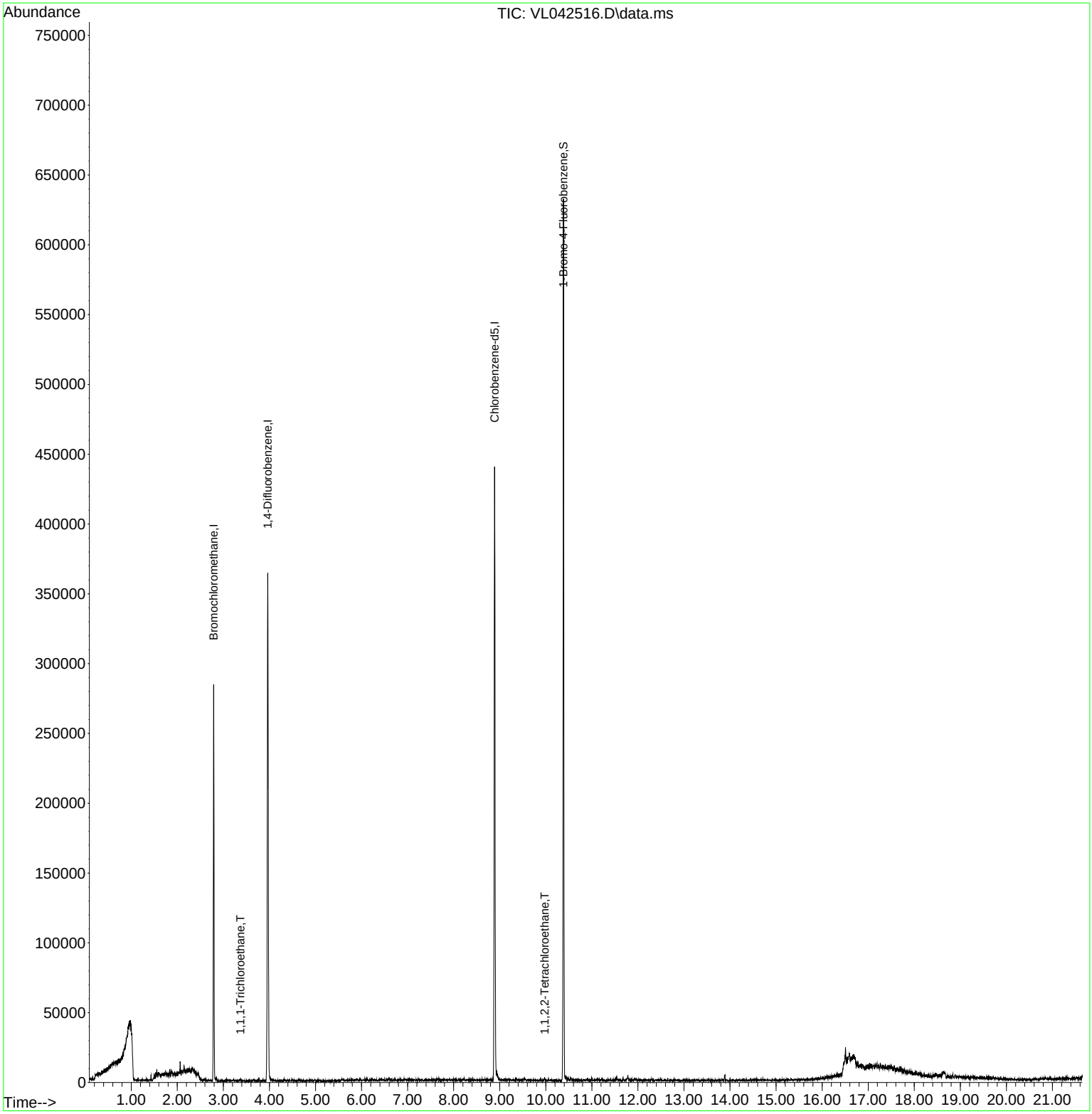

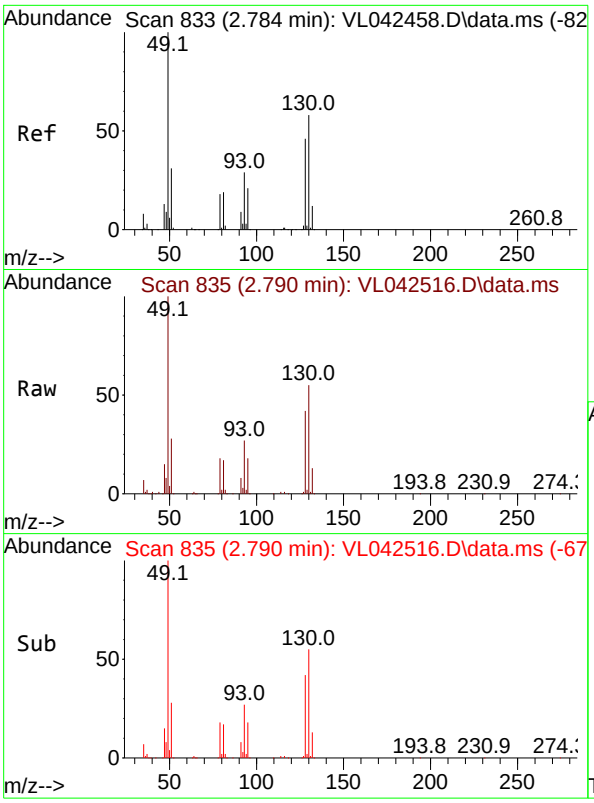

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 8
Delta R.T. 0.006 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion: 49 Resp: 7407

Ion	Ratio	Lower	Upper
49	100		
128	44.0	23.3	69.9
130	58.2	29.5	88.6

Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

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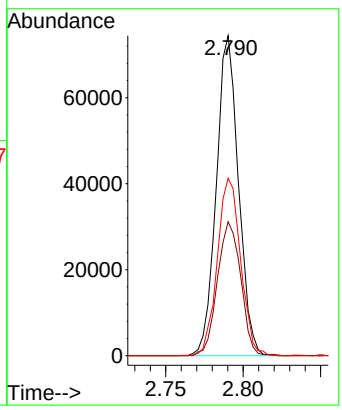
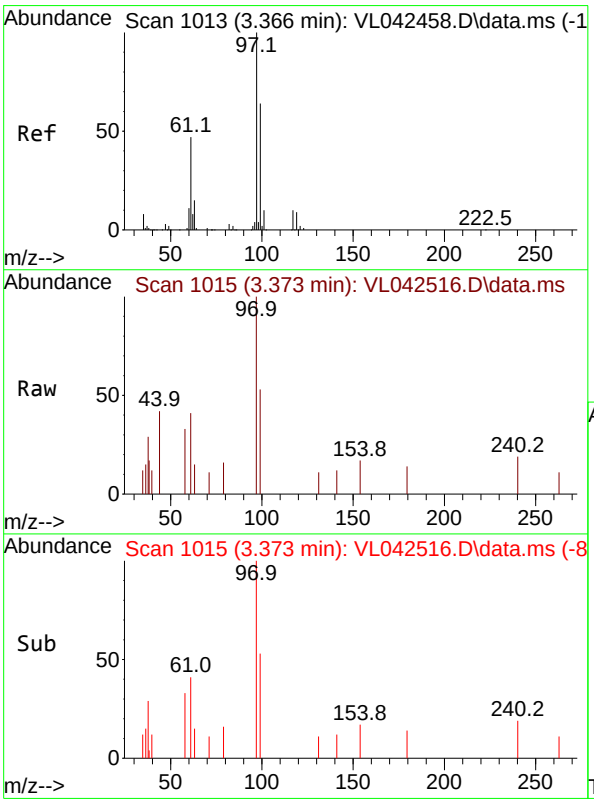
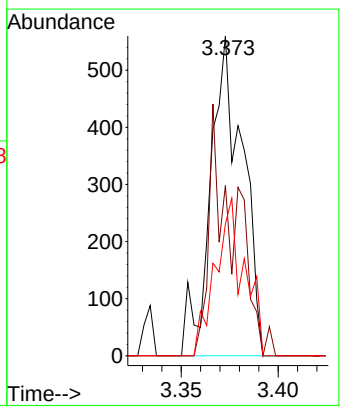


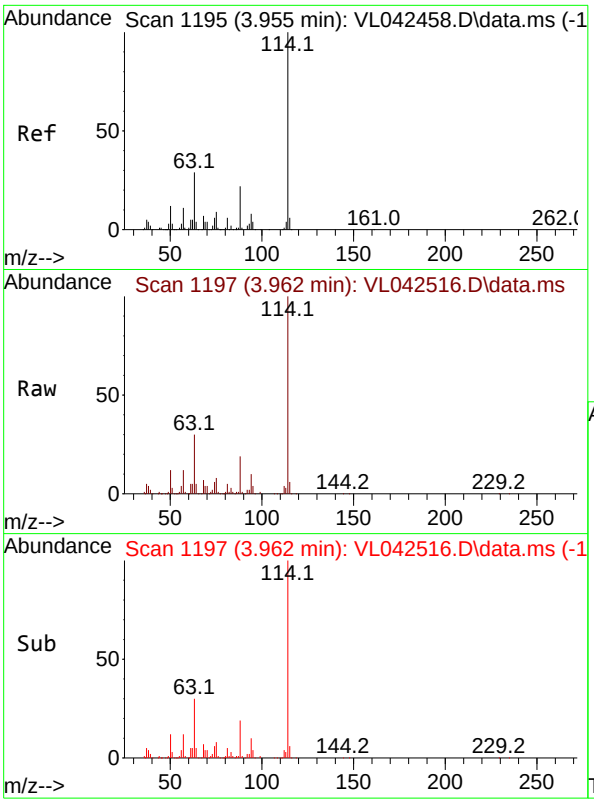


#32
1,1,1-Trichloroethane
Concen: 0.034 ppbv m
RT: 3.373 min Scan# 1015
Delta R.T. 0.007 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion: 97 Resp: 646

Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.7	76.1#
61	44.1	40.9	61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1
Delta R.T. 0.007 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion:114 Resp: 18354

Ion	Ratio	Lower	Upper
114	100		
63	29.5	23.1	34.7
88	20.0	16.1	24.1

Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

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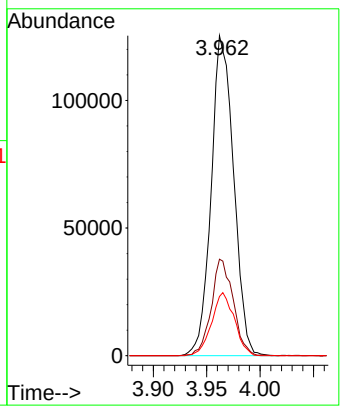
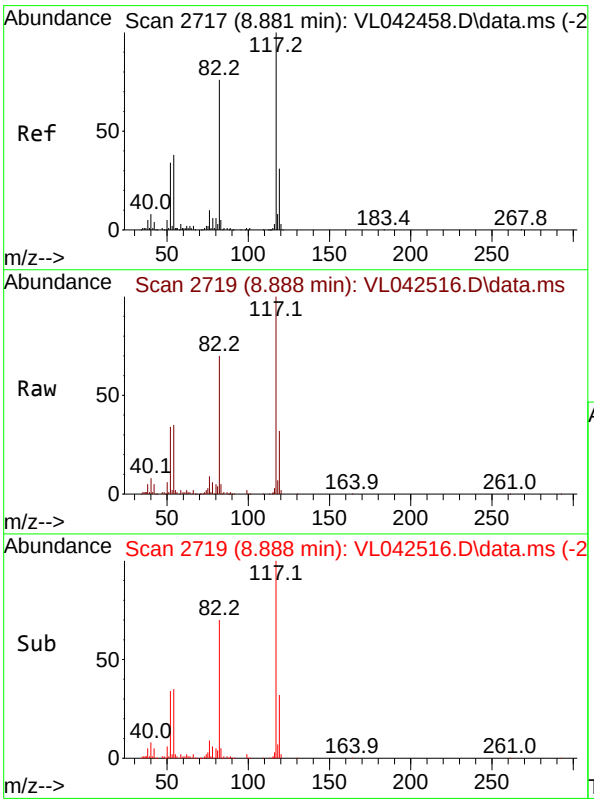
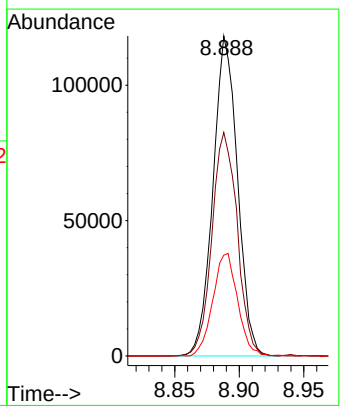


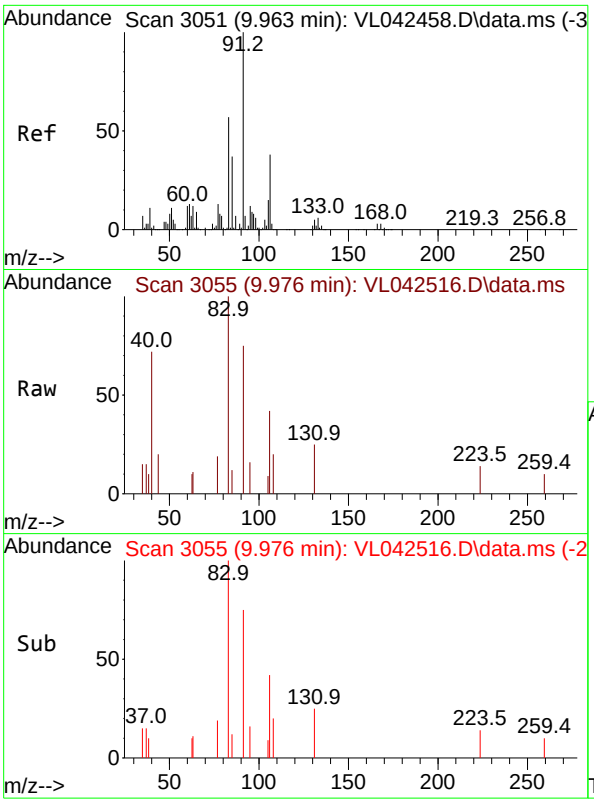


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.007 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion:117 Resp: 155750

Ion	Ratio	Lower	Upper
117	100		
82	72.2	63.5	95.3
119	32.7	25.8	38.8

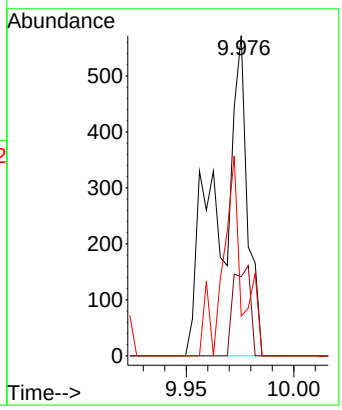




#63
1,1,2,2-Tetrachloroethane
Concen: 0.035 ppbv m
RT: 9.976 min Scan# 3
Delta R.T. 0.013 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion: 83 Resp: 52

Ion	Ratio	Lower	Upper
83	100		
131	16.6	4.7	14.1#
85	42.7	32.5	97.4



Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

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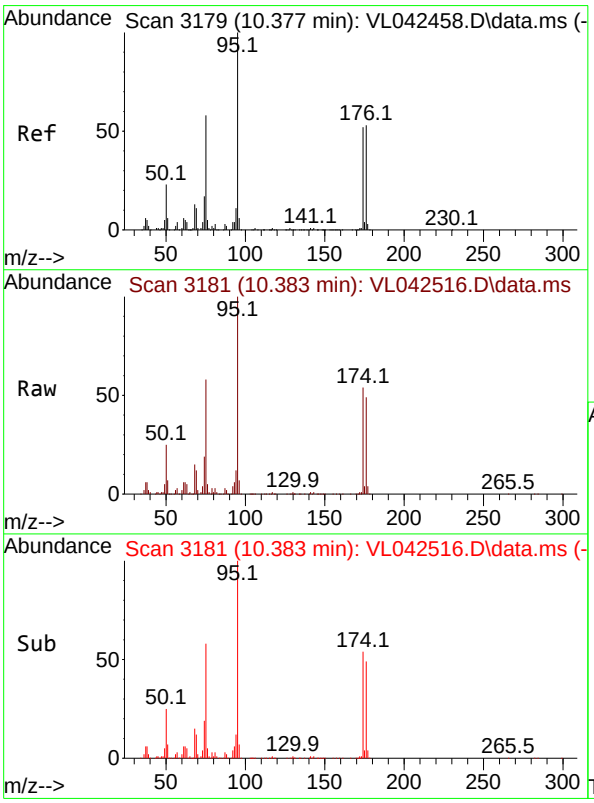

#68
1-Bromo-4-Fluorobenzene
Concen: 9.573 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. 0.007 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion: 95 Resp: 138229

Ion	Ratio	Lower	Upper
95	100		
174	54.4	42.7	64.1
175	4.2	3.6	5.4