Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
Data File : VL039847.D
Acq On : 9 Nov 2022 14:18
Operator : SY/AP
Sample : QC110722 CAN 10329
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 10 03:48:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
QC110722 CAN 10329

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.173	49	899308	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.626	114	2423788	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.430	117	2170864	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	1741872	10.720	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.200%			
Target Compounds						Qvalue
20) Methylene Chloride	3.931	84	16723m	0.427	ppbv	

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

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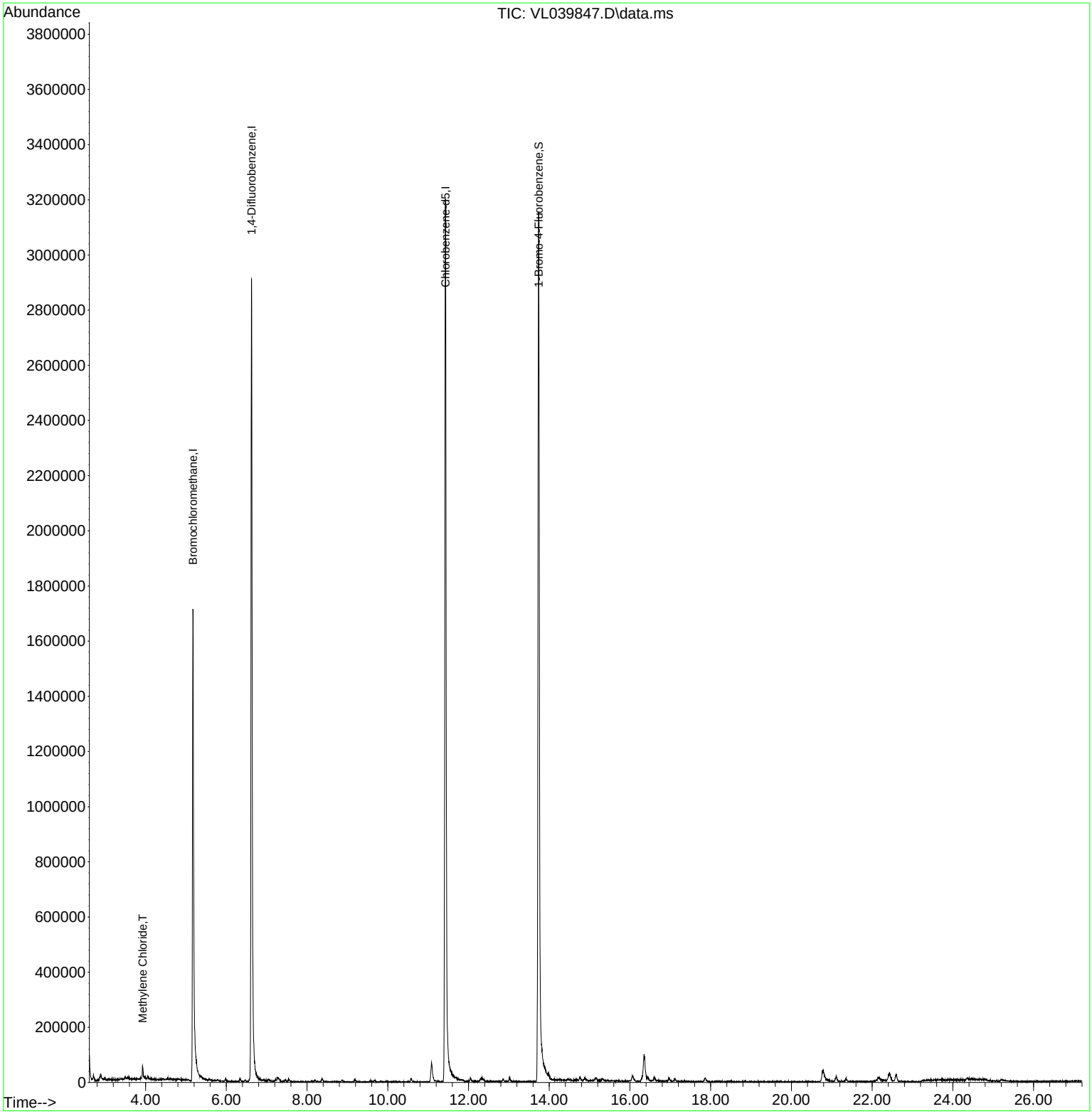
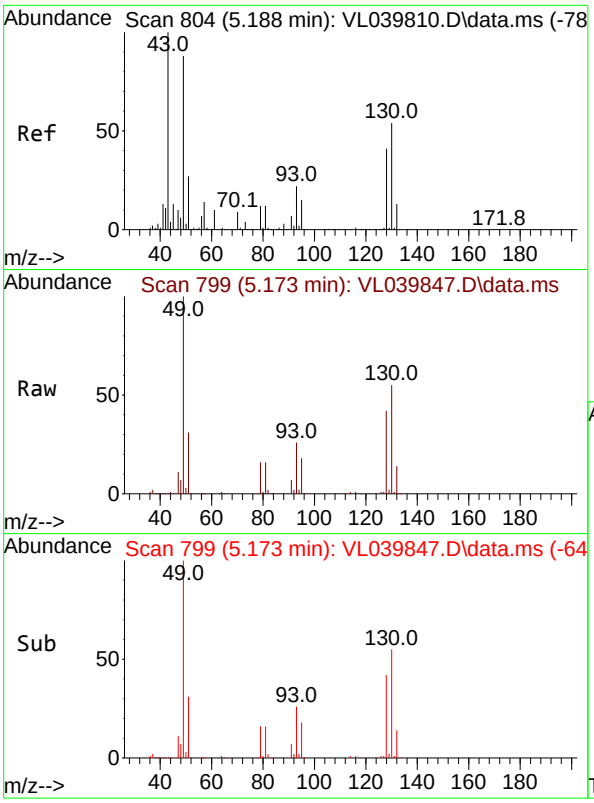
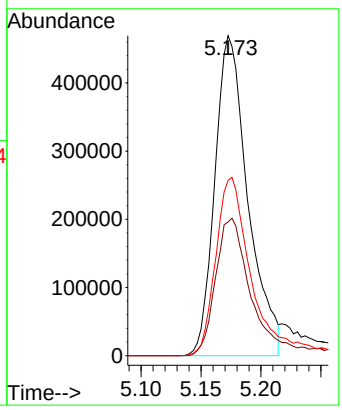




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 7
Delta R.T. -0.015 min
Lab File: VL039847.D
Acq: 9 Nov 2022 14:18

Tgt Ion: 49 Resp: 89930

Ion	Ratio	Lower	Upper
49	100		
128	48.9	24.6	73.6
130	64.5	31.1	93.2



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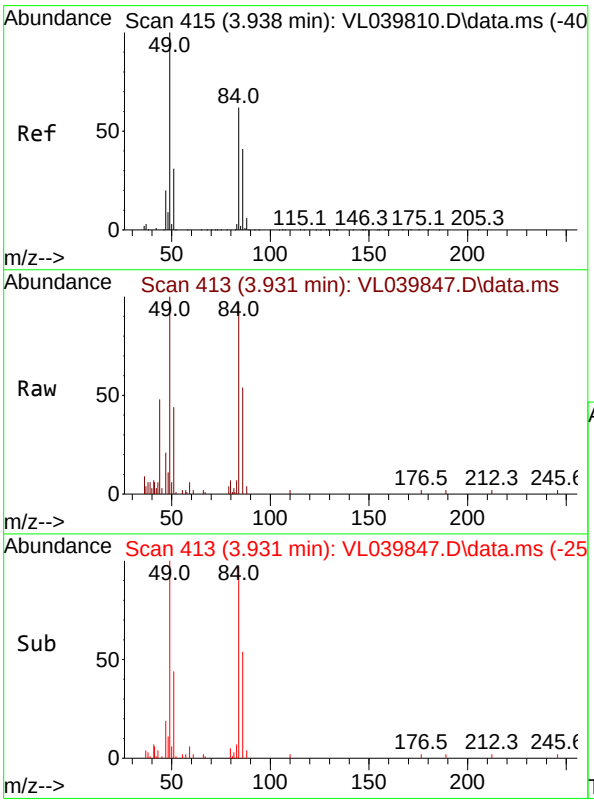
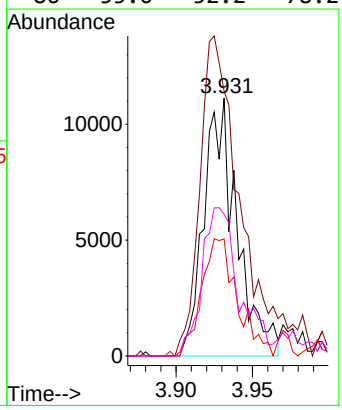
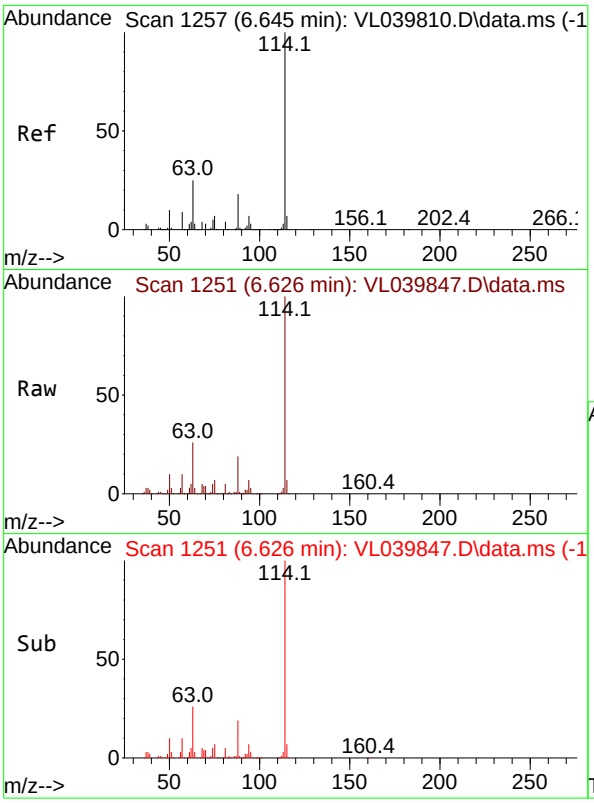


#20
Methylene Chloride
Concen: 0.427 ppbv m
RT: 3.931 min Scan# 413
Delta R.T. -0.006 min
Lab File: VL039847.D
Acq: 9 Nov 2022 14:18

Tgt Ion: 84 Resp: 16723

Ion	Ratio	Lower	Upper
84	100		
49	102.6	128.6	192.8#
51	45.4	40.2	60.4
86	55.0	52.2	78.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.626 min Scan# 1
Delta R.T. -0.019 min
Lab File: VL039847.D
Acq: 9 Nov 2022 14:18

Tgt Ion:114 Resp: 242378

Ion	Ratio	Lower	Upper
114	100		
63	26.2	19.8	29.6
88	18.7	14.4	21.6

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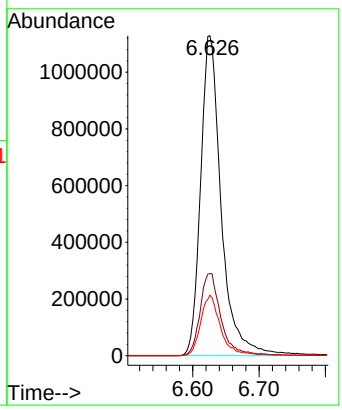
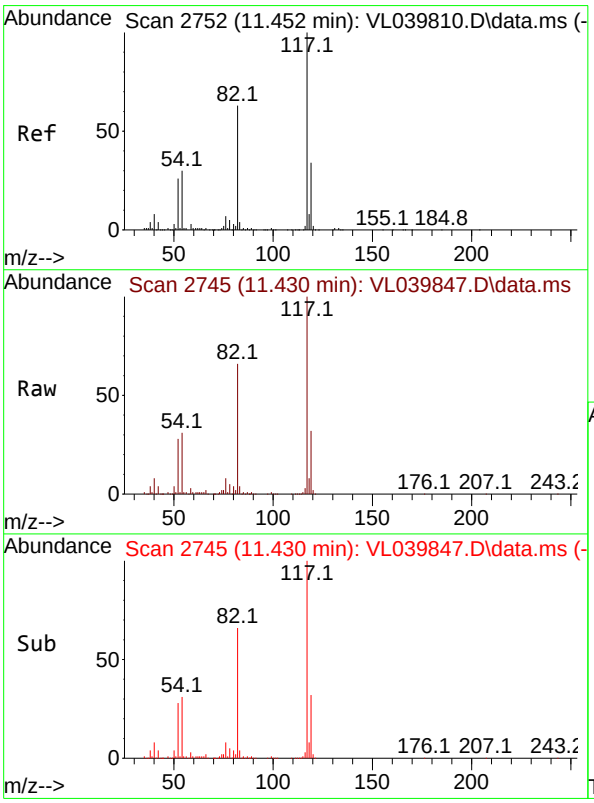
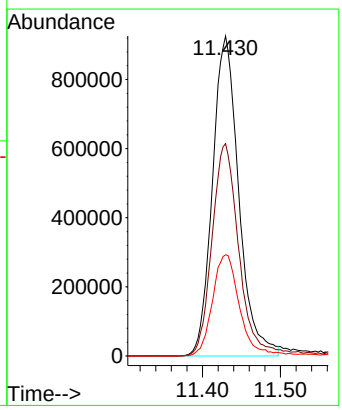


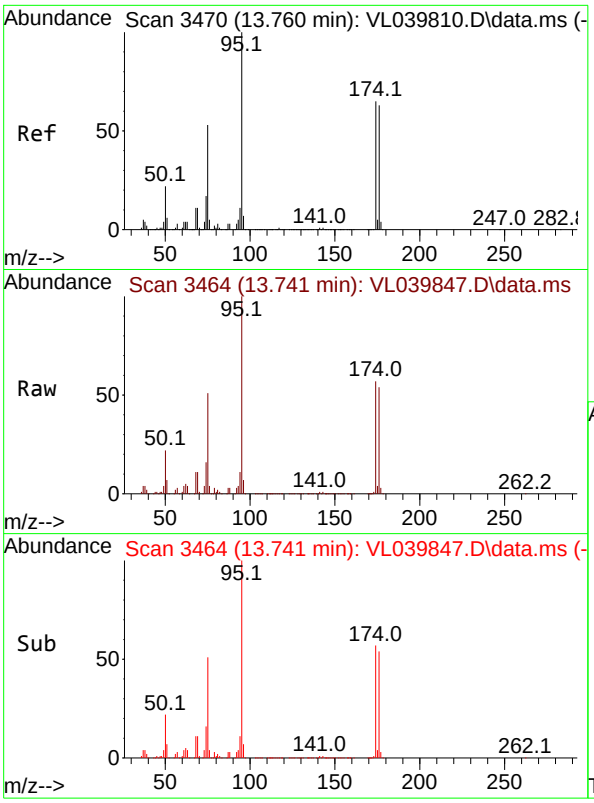


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.430 min Scan# 2745
Delta R.T. -0.022 min
Lab File: VL039847.D
Acq: 9 Nov 2022 14:18

Tgt Ion:117 Resp: 2170864

Ion	Ratio	Lower	Upper
117	100		
82	70.1	51.0	76.6
119	33.5	24.7	37.1

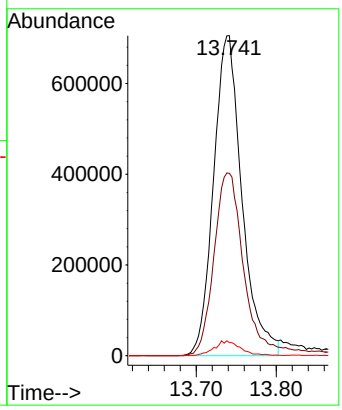




#68
1-Bromo-4-Fluorobenzene
Concen: 10.720 ppbv
RT: 13.741 min Scan# 3
Delta R.T. -0.019 min
Lab File: VL039847.D
Acq: 9 Nov 2022 14:18

Tgt Ion: 95 Resp: 174187

Ion	Ratio	Lower	Upper
95	100		
174	62.9	53.4	80.0
175	4.3	4.1	6.1



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