Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
Data File : VL040543.D
Acq On : 26 Jul 2023 15:01
Operator : SY/MD
Sample : VL0726ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 27 01:51:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL0726ABL01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt
07/27/2023
Supervised By :Mahesh Dadoda
07/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.176	49	905964	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2186256	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.458	117	1845848	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1399551	9.580	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.800%			
Target Compounds						Qvalue
15) Acetone	3.472	43	58022m	0.556	ppbv	
20) Methylene Chloride	3.915	84	21949m	0.495	ppbv	

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

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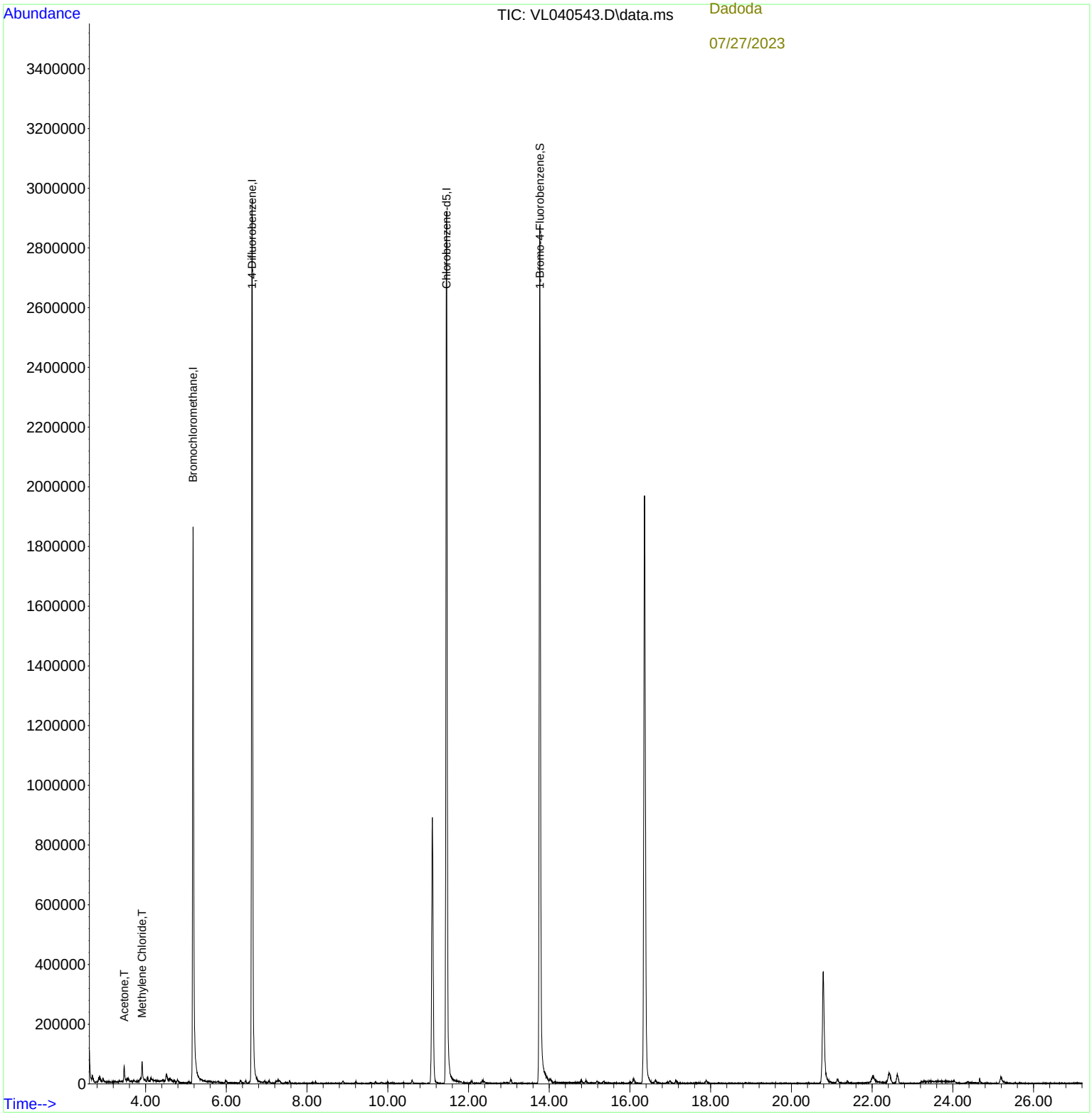
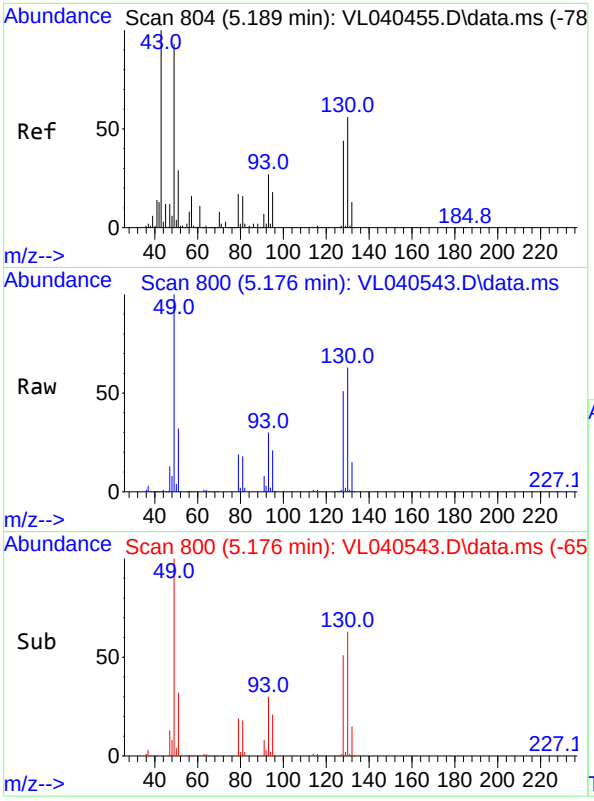
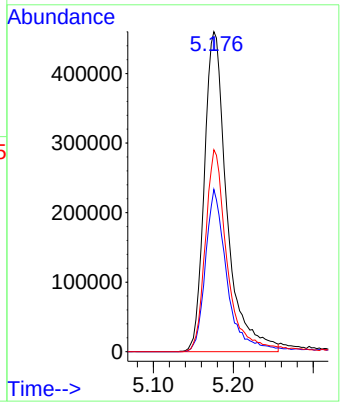




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 8
Delta R.T. -0.026 min
Lab File: VL040543.D
Acq: 26 Jul 2023 15:01

Tgt Ion: 49 Resp: 90596

Ion	Ratio	Lower	Upper
49	100		
128	50.2	25.1	75.4
130	62.5	31.6	94.7



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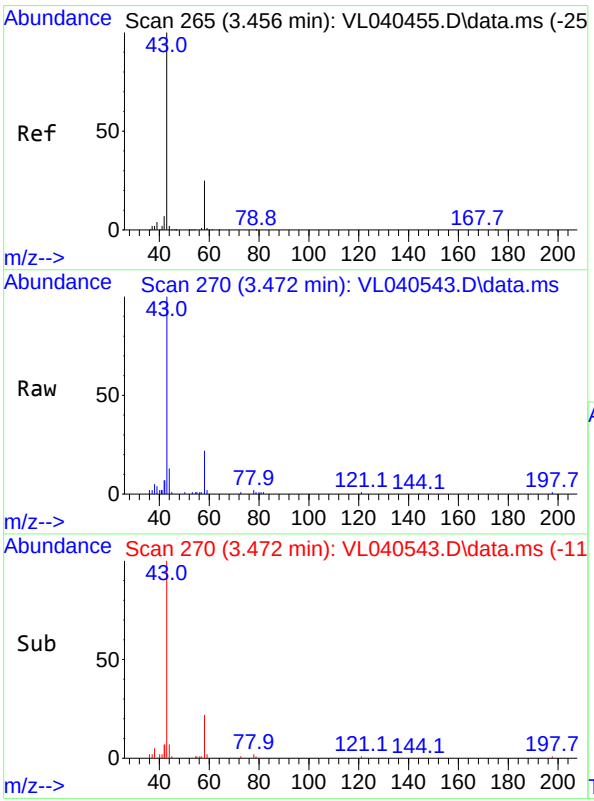
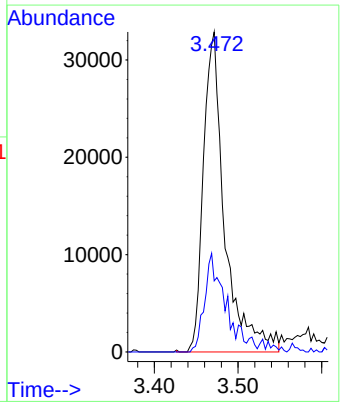
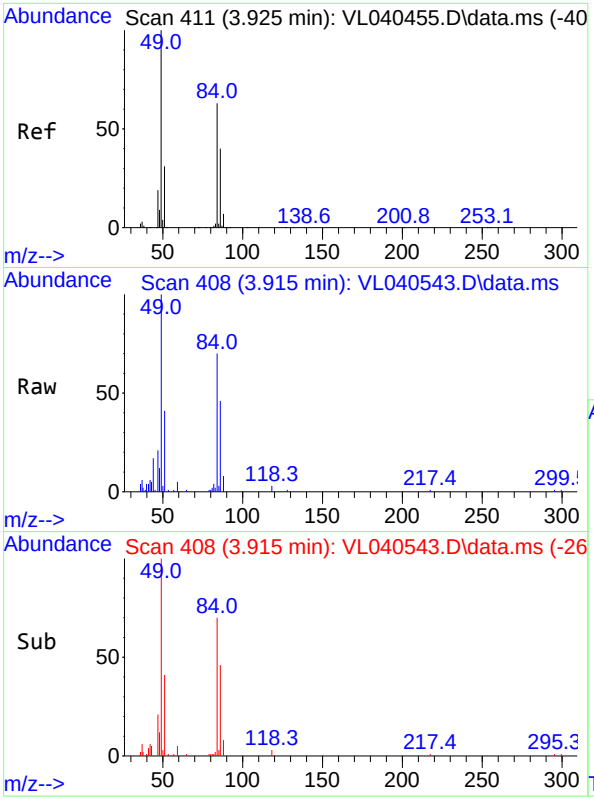


#15
Acetone
Concen: 0.556 ppbv m
RT: 3.472 min Scan# 270
Delta R.T. -0.003 min
Lab File: VL040543.D
Acq: 26 Jul 2023 15:01

Tgt Ion: 43 Resp: 58022

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.9	34.3#

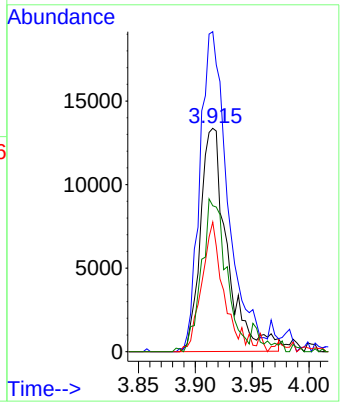




#20
Methylene Chloride
Concen: 0.495 ppbv m
RT: 3.915 min Scan# 4
Delta R.T. -0.026 min
Lab File: VL040543.D
Acq: 26 Jul 2023 15:01

Tgt Ion: 84 Resp: 2194

Ion	Ratio	Lower	Upper
84	100		
49	143.2	123.4	185.2
51	58.0	38.3	57.5
86	65.3	51.4	77.0



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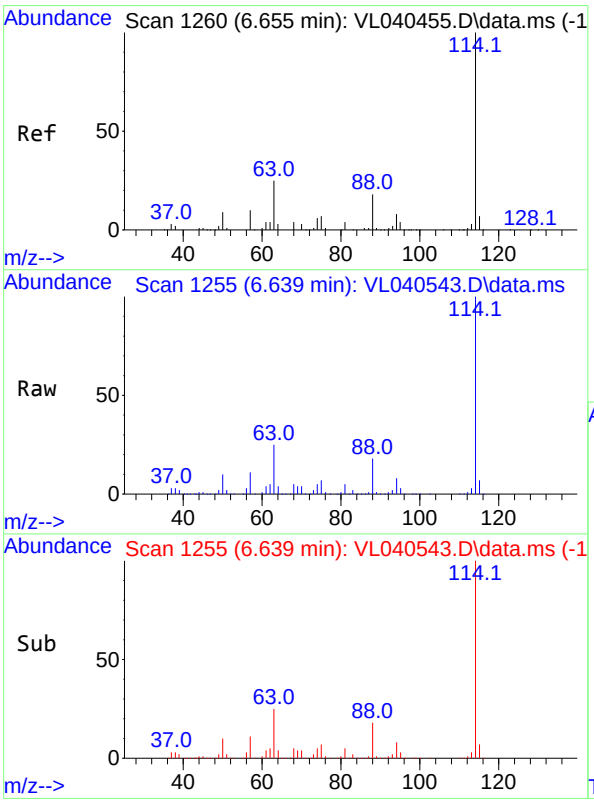
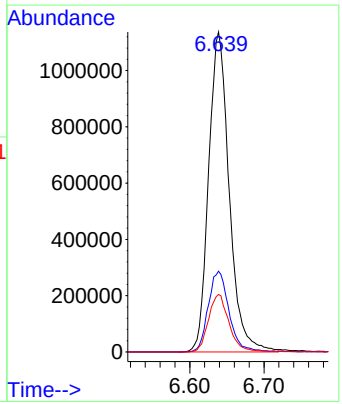
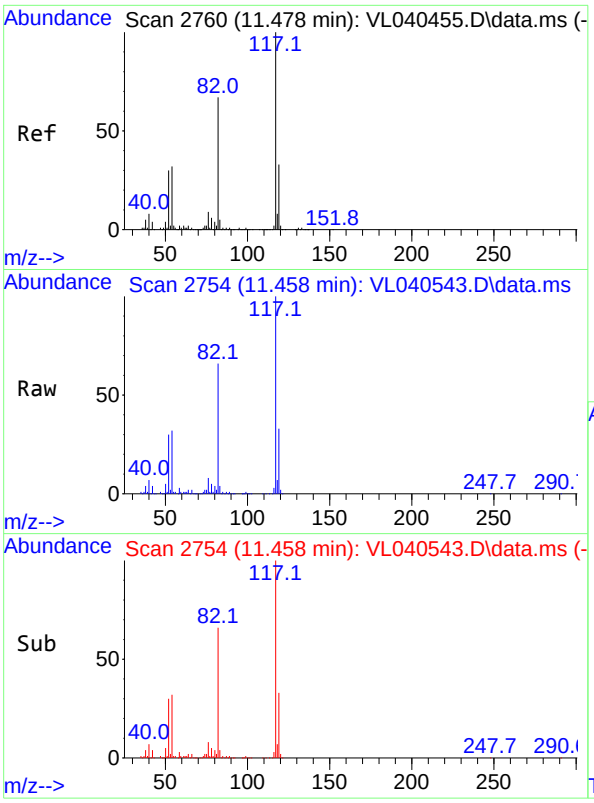


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.026 min
Lab File: VL040543.D
Acq: 26 Jul 2023 15:01

Tgt Ion:114 Resp: 2186256

Ion	Ratio	Lower	Upper
114	100		
63	25.8	19.6	29.4
88	18.1	14.2	21.2

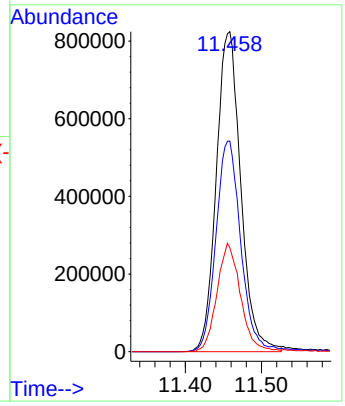




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2
Delta R.T. -0.019 min
Lab File: VL040543.D
Acq: 26 Jul 2023 15:01

Tgt Ion:117 Resp: 184584

Ion	Ratio	Lower	Upper
117	100		
82	67.7	50.2	75.4
119	33.0	26.9	40.3



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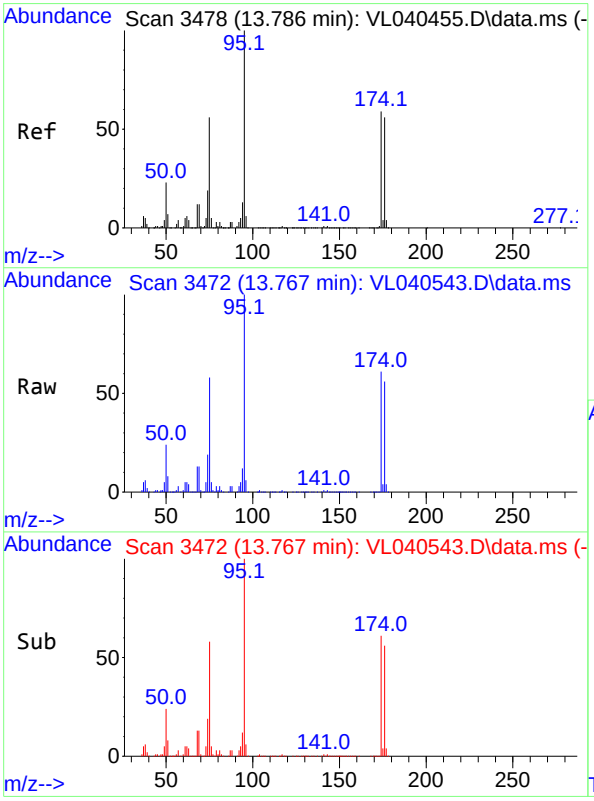

#68
1-Bromo-4-Fluorobenzene
Concen: 9.580 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. -0.016 min
Lab File: VL040543.D
Acq: 26 Jul 2023 15:01

Tgt Ion: 95 Resp: 1399551

Ion	Ratio	Lower	Upper
95	100		
174	60.2	50.6	75.8
175	4.2	3.7	5.5