Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
Data File : VL041614.D
Acq On : 18 Sep 2024 19:56
Operator : SY/MD
Sample : QC090424 CAN10401
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 19 03:39:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
QC090424 CAN10401

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.198	49	967493	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.655	114	2704848	10.000	ppbv	0.03
55) Chlorobenzene-d5	11.462	117	2397524	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	1756733	9.954	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.500%			
Target Compounds						Qvalue

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

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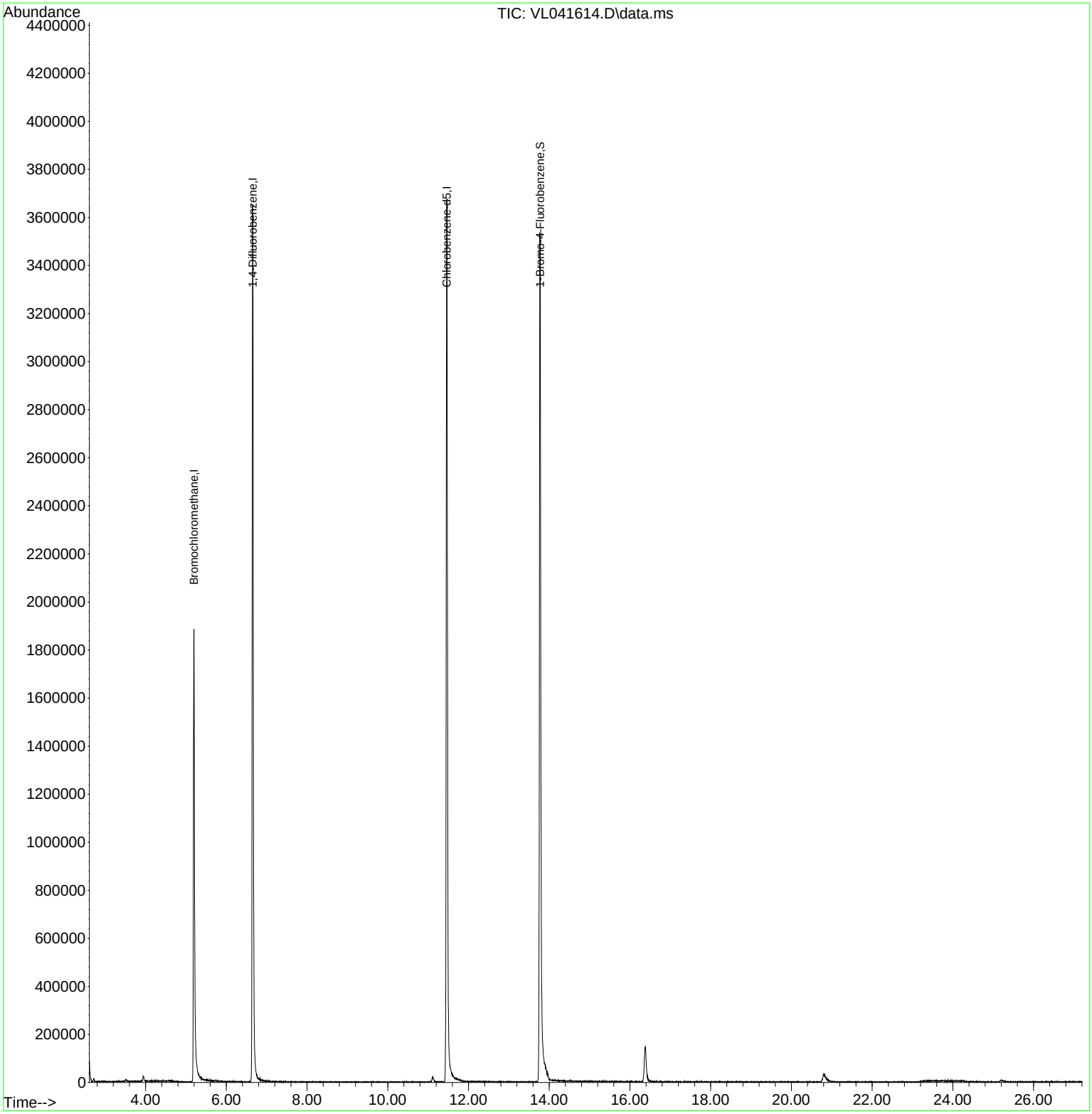

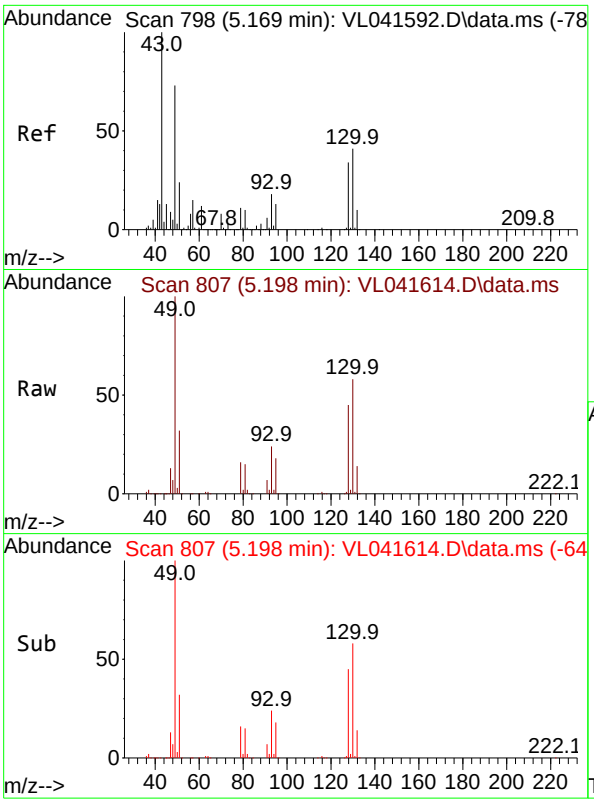

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 8
Delta R.T. 0.029 min
Lab File: VL041614.D
Acq: 18 Sep 2024 19:56

Tgt Ion: 49 Resp: 96749

Ion	Ratio	Lower	Upper
49	100		
128	50.0	23.8	71.5
130	61.6	30.4	91.3

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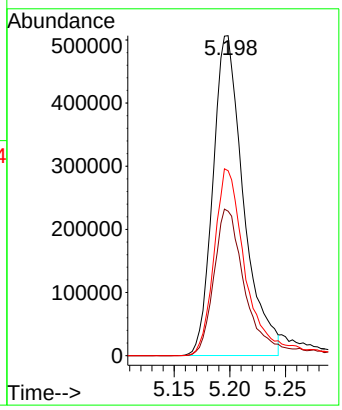
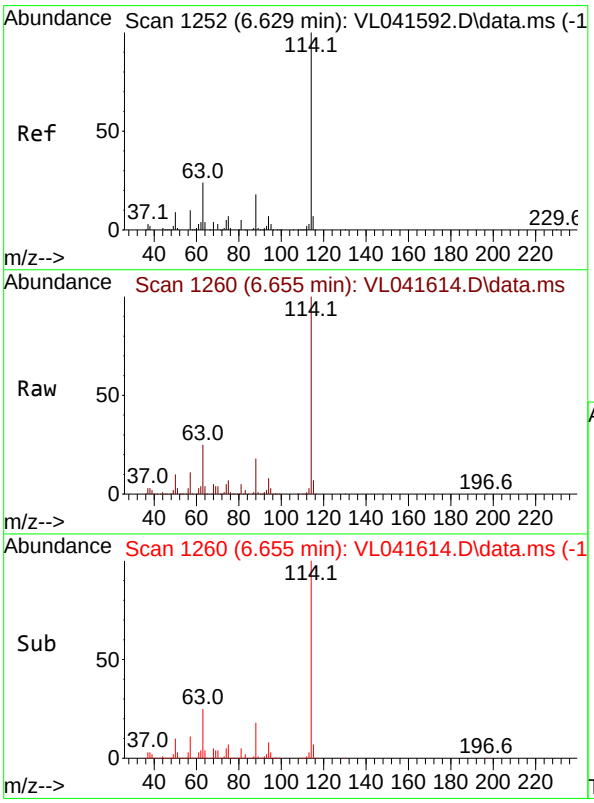
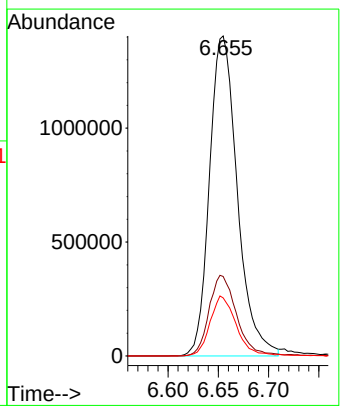


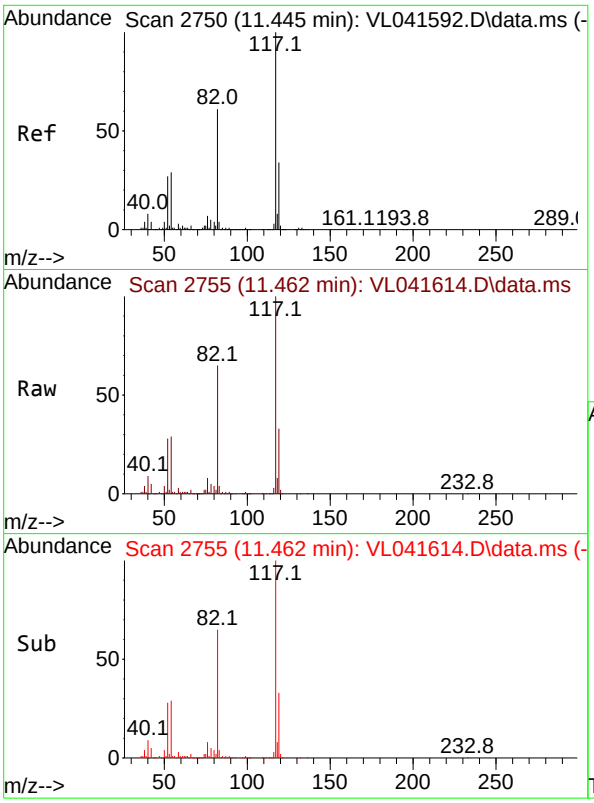


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.026 min
Lab File: VL041614.D
Acq: 18 Sep 2024 19:56

Tgt Ion:114 Resp: 2704848

Ion	Ratio	Lower	Upper
114	100		
63	25.5	20.2	30.2
88	17.9	14.2	21.4

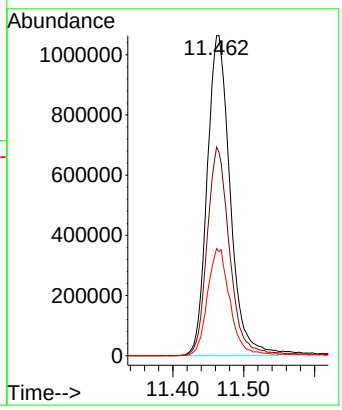




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2
Delta R.T. 0.016 min
Lab File: VL041614.D
Acq: 18 Sep 2024 19:56

Tgt Ion:117 Resp: 239752

Ion	Ratio	Lower	Upper
117	100		
82	64.9	49.4	74.2
119	33.6	24.4	36.6



Instrument :
MSVOA_L
ClientSampleId :
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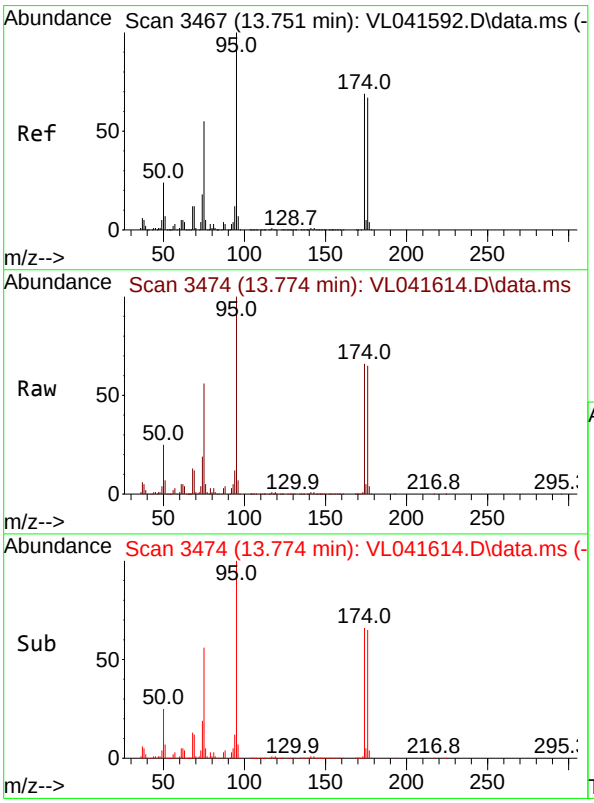

#68
1-Bromo-4-Fluorobenzene
Concen: 9.954 ppbv
RT: 13.774 min Scan# 3474
Delta R.T. 0.023 min
Lab File: VL041614.D
Acq: 18 Sep 2024 19:56

Tgt Ion: 95 Resp: 1756733

Ion	Ratio	Lower	Upper
95	100		
174	71.3	55.8	83.8
175	5.1	4.1	6.1