Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059409.D
Acq On : 21 Jun 2024 13:33
Operator : MD/SY
Sample : P2962-06 100X
Misc : 4.52g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 22 00:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 00:01:31 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0T78

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2024
Supervised By :Semsettin Yesilyurt 06/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	252802	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	252069	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	124663	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	44642	29.493	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	58.980%#		
7) Chloroethane-d5	1.904	69	44691	34.468	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	68.940%#		
11) 1,1-Dichloroethene-d2	2.560	63	59706	19.984	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	39.960%#		
21) 2-Butanone-d5	4.611	46	107891	75.623	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.620%		
24) Chloroform-d	5.055	84	109325m	36.282	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.560%		
26) 1,2-Dichloroethane-d4	5.695	65	71416	38.669	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.340%		
32) Benzene-d6	5.721	84	211688	36.590	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.180%		
36) 1,2-Dichloropropane-d6	6.685	67	70469	35.327	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	70.660%		
41) Toluene-d8	7.894	98	179128	36.473	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	72.940%#		
43) trans-1,3-Dichloroprop...	8.177	79	28444	35.276	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.560%		
47) 2-Hexanone-d5	8.627	63	68926	74.721	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	74.720%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	121334	35.940	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	71.880%		
66) 1,2-Dichlorobenzene-d4	12.190	152	79389	42.673	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.340%		
Target Compounds						Qvalue
52) Ethylbenzene	9.566	91	55252	5.866	ug/L	99
53) m,p-Xylene	9.692	106	18126	5.236	ug/L	84
54) o-Xylene	10.097	106	7756	2.312	ug/L	86
62) 1,3,5-Trimethylbenzene	11.084	105	8553	1.346	ug/L	95
63) 1,2,4-Trimethylbenzene	11.466	105	23872	3.465	ug/L	100

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

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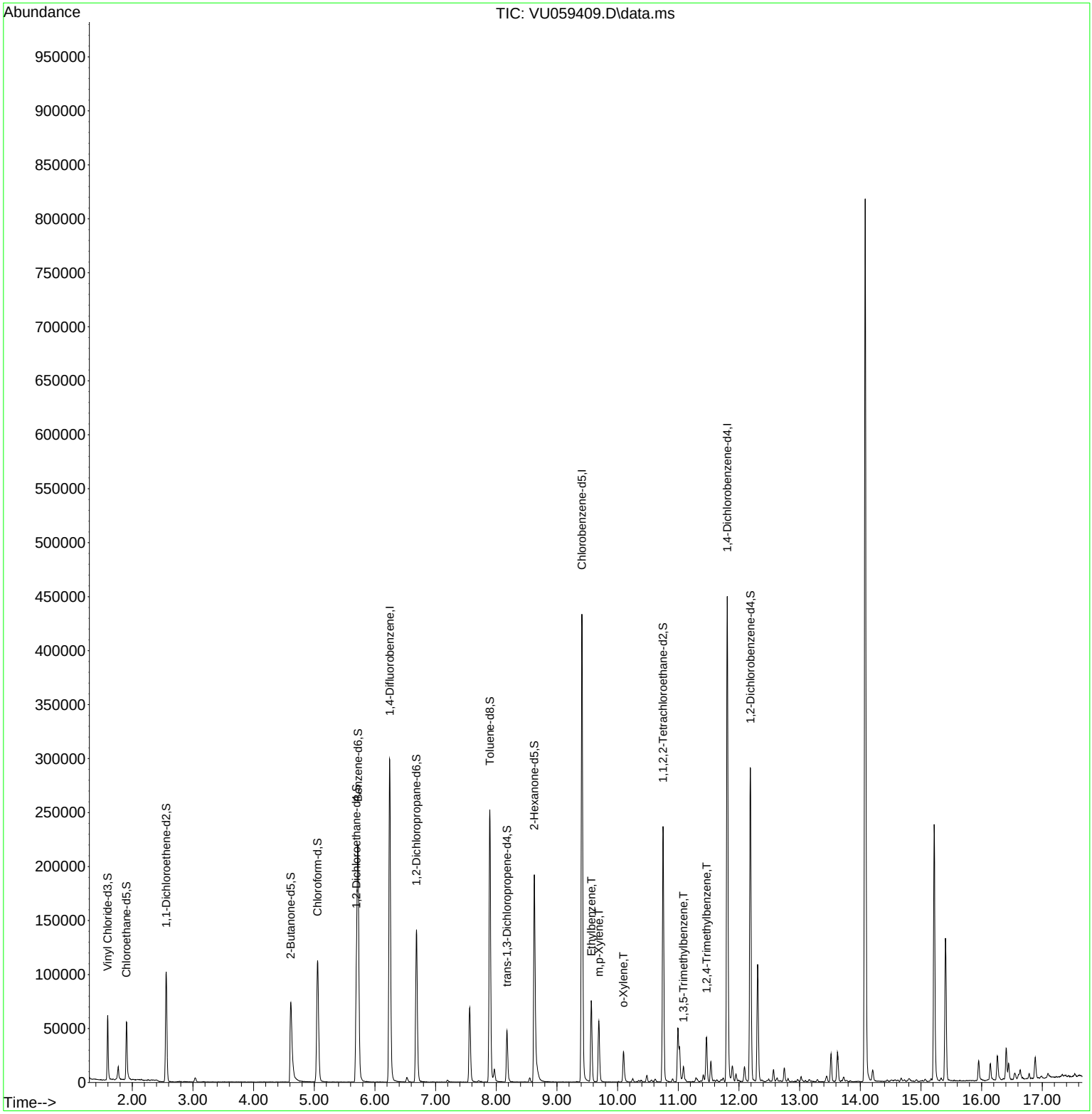

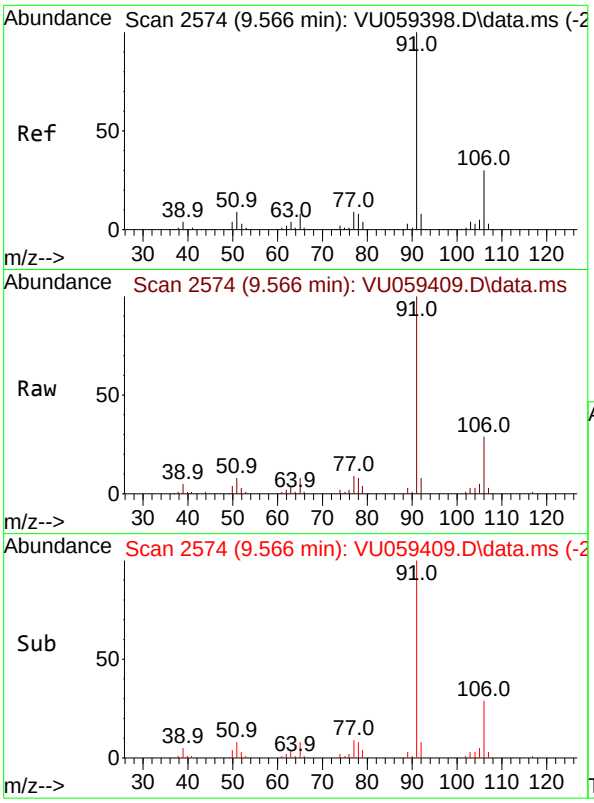

#52
Ethylbenzene
Concen: 5.866 ug/L
RT: 9.566 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU059409.D
Acq: 21 Jun 2024 13:33

Tgt Ion: 91 Resp: 5525

Ion	Ratio	Lower	Upper
91	100		
106	29.3	21.0	39.0

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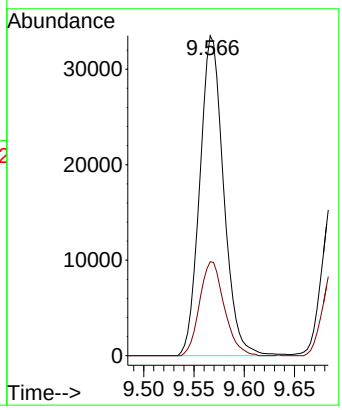
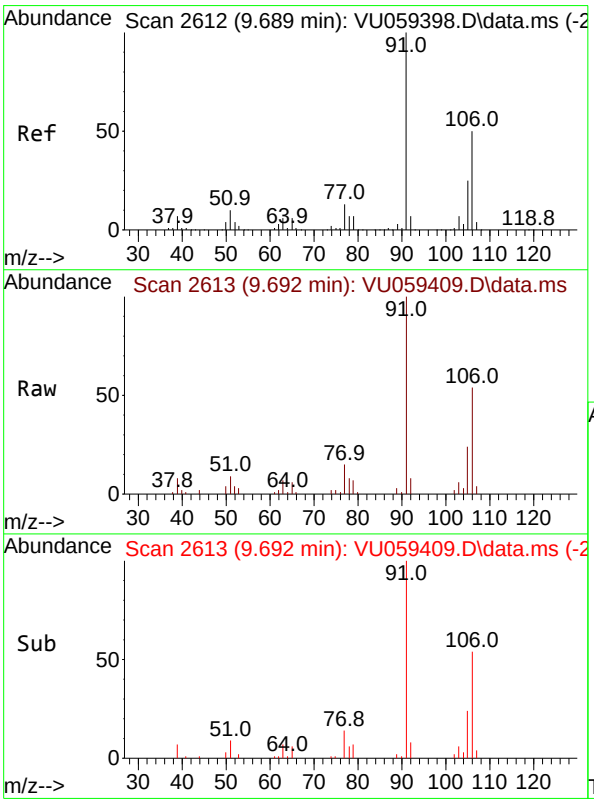
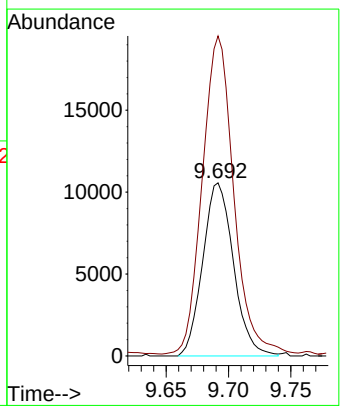


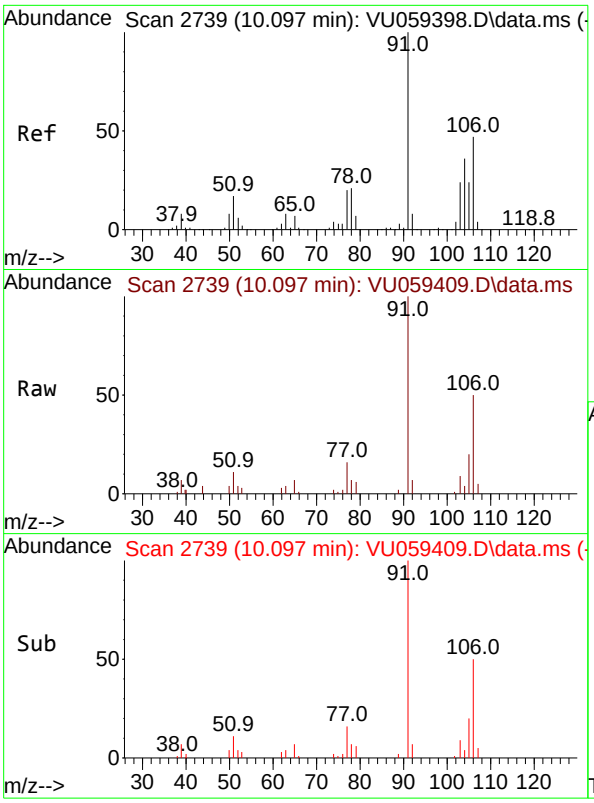


#53
m,p-Xylene
Concen: 5.236 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU059409.D
Acq: 21 Jun 2024 13:33

Tgt Ion:106 Resp: 18126

Ion	Ratio	Lower	Upper
106	100		
91	184.9	146.4	272.0





#54
o-Xylene
Concen: 2.312 ug/L
RT: 10.097 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU059409.D
Acq: 21 Jun 2024 13:33

Tgt Ion:106 Resp: 775

Ion	Ratio	Lower	Upper
106	100		
91	200.4	156.7	290.9

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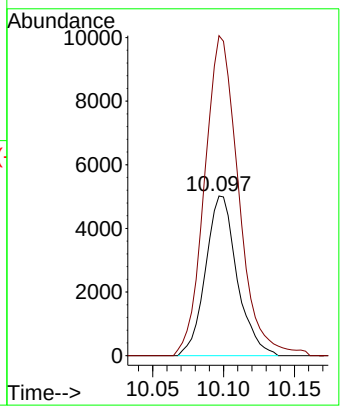
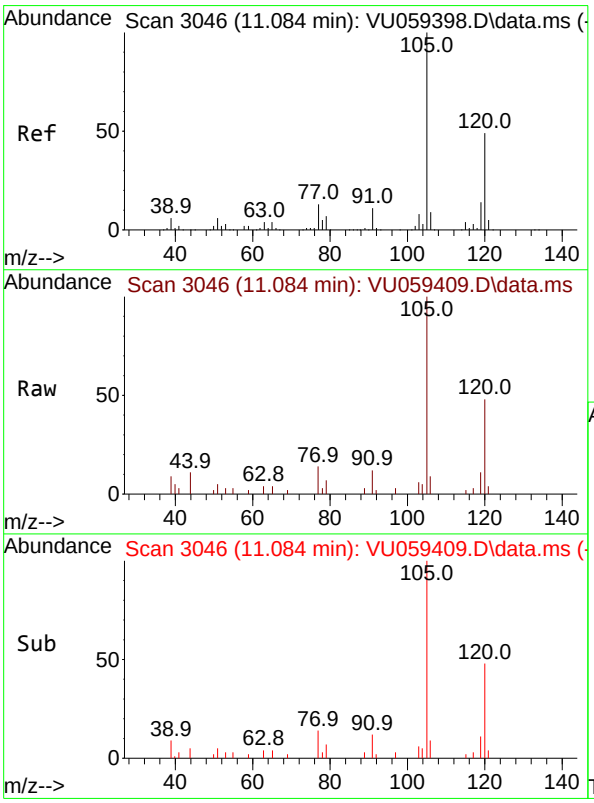
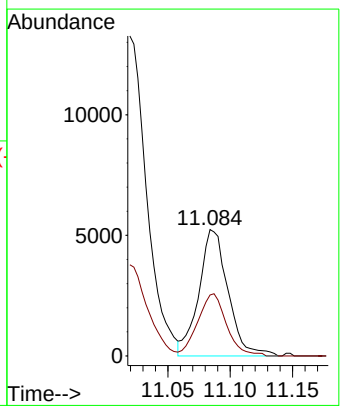


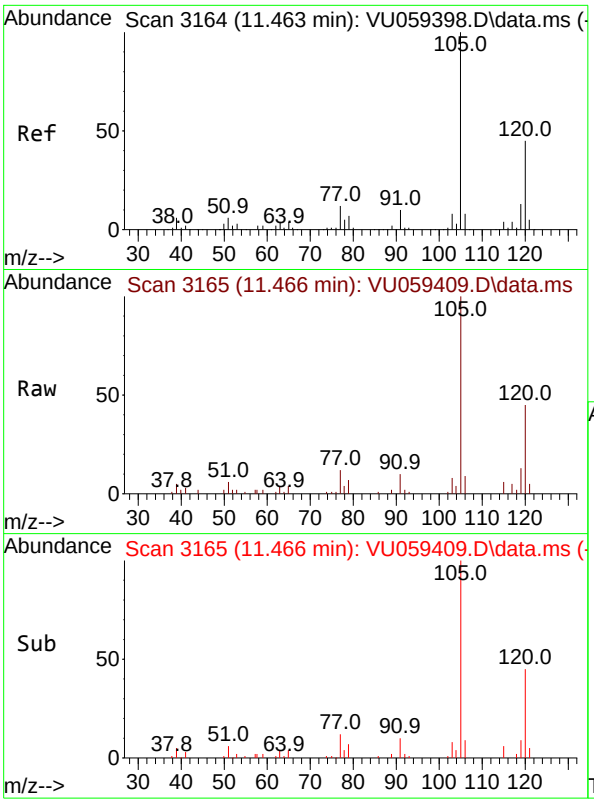


#62
1,3,5-Trimethylbenzene
Concen: 1.346 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU059409.D
Acq: 21 Jun 2024 13:33

Tgt Ion:105 Resp: 8553

Ion	Ratio	Lower	Upper
105	100		
120	44.2	37.8	56.8

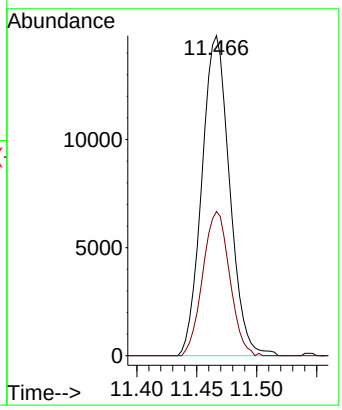




#63
1,2,4-Trimethylbenzene
Concen: 3.465 ug/L
RT: 11.466 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU059409.D
Acq: 21 Jun 2024 13:33

Tgt Ion:105 Resp: 2387

Ion	Ratio	Lower	Upper
105	100		
120	43.5	35.0	52.6



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