Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
Data File : VU046324.D
Acq On : 13 Dec 2021 18:35
Operator : SY/MD
Sample : M4971-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 14 03:53:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 14 03:19:41 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BG3E8

Manual Integrations APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	143671	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	153978	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75810	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	57135	48.277	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.560%			
7) Chloroethane-d5	1.919	69	42298	46.549	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.100%			
11) 1,1-Dichloroethene-d2	2.571	63	71795	33.793	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.580%			
21) 2-Butanone-d5	4.639	46	86055	91.468	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.470%			
24) Chloroform-d	5.070	84	94329	47.729	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.460%			
26) 1,2-Dichloroethane-d4	5.706	65	65168	49.133	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.260%			
32) Benzene-d6	5.732	84	192764	43.678	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.360%			
36) 1,2-Dichloropropane-d6	6.693	67	61653	45.076	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.160%			
41) Toluene-d8	7.899	98	162913	40.543	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.080%			
43) trans-1,3-Dichloroprop...	8.182	79	28427	43.054	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.100%			
47) 2-Hexanone-d5	8.635	63	57253	88.285	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.290%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	95845	46.207	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.420%			
66) 1,2-Dichlorobenzene-d4	12.195	152	66017	45.218	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.440%			
Target Compounds						Qvalue
13) Acetone	2.661	43	4806m	4.087	ug/L	
33) Benzene	5.777	78	3441	0.738	ug/L	100
42) Toluene	7.970	91	6890	1.378	ug/L	94

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

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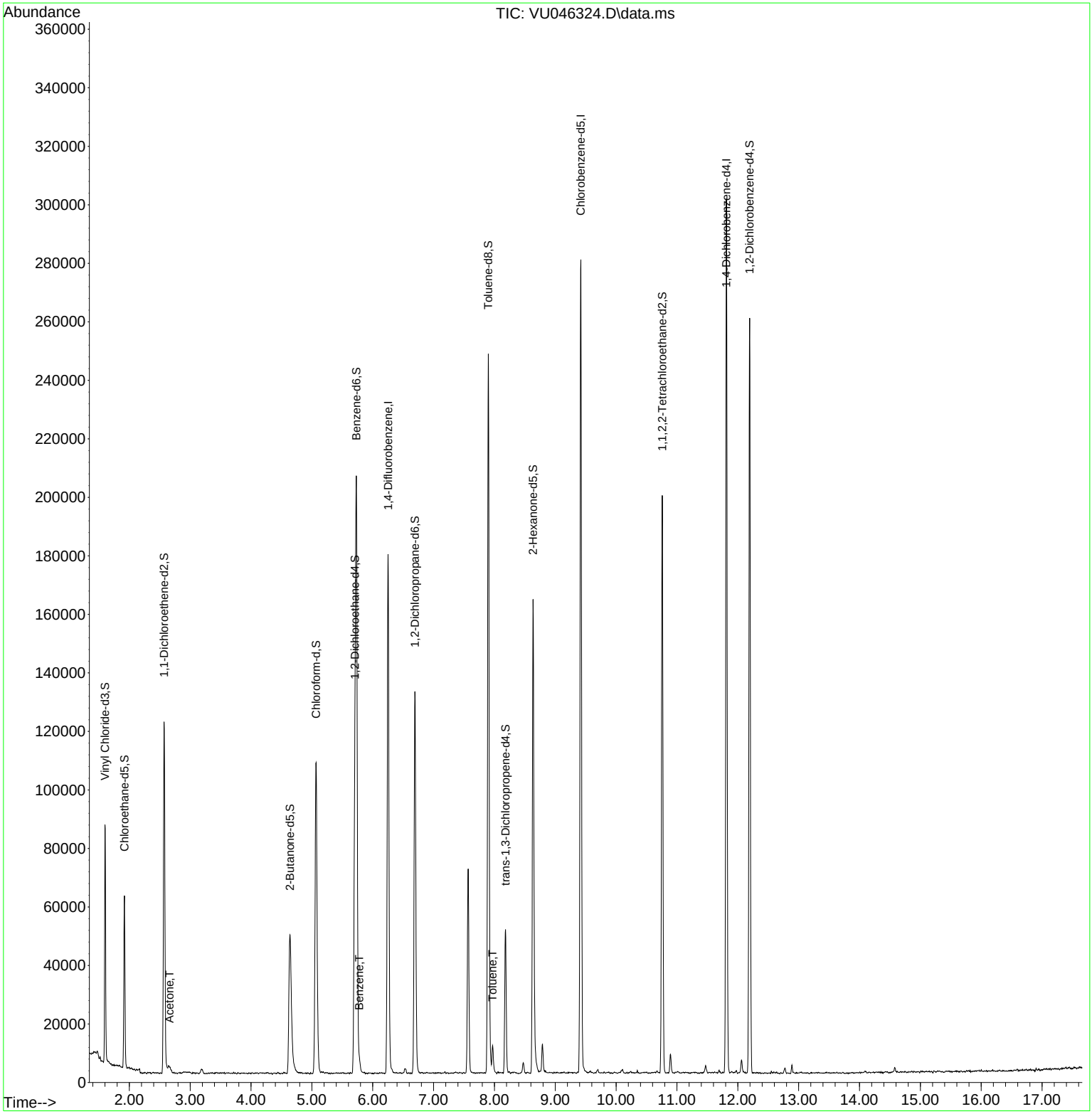
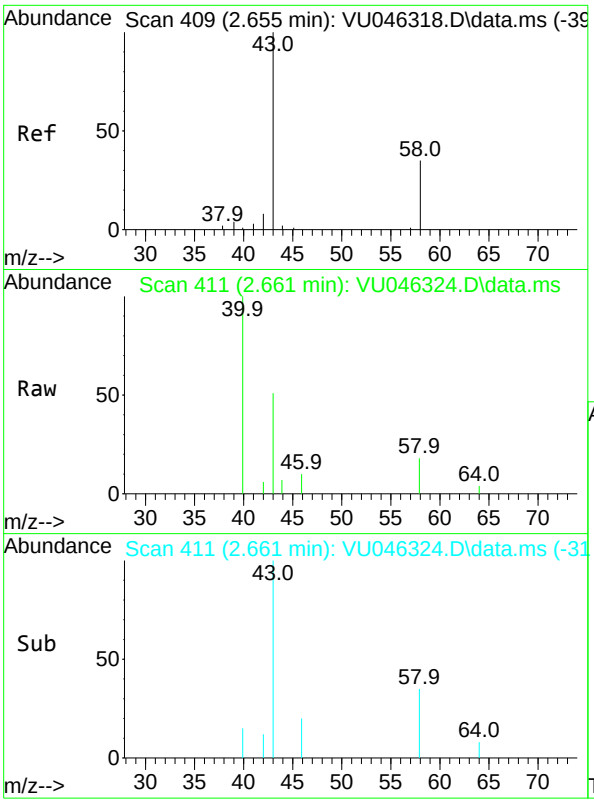
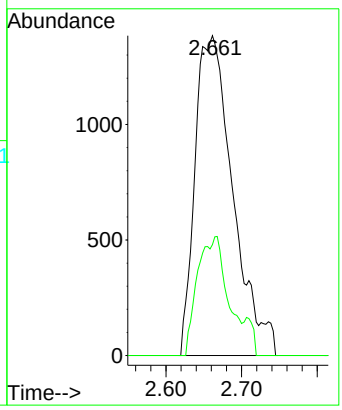




#13
Acetone
Concen: 4.087 ug/L m
RT: 2.661 min Scan# 4
Delta R.T. 0.006 min
Lab File: VU046324.D
Acq: 13 Dec 2021 18:35

Tgt Ion: 43 Resp: 480

Ion	Ratio	Lower	Upper
43	100		
58	13.7	0.0	66.8



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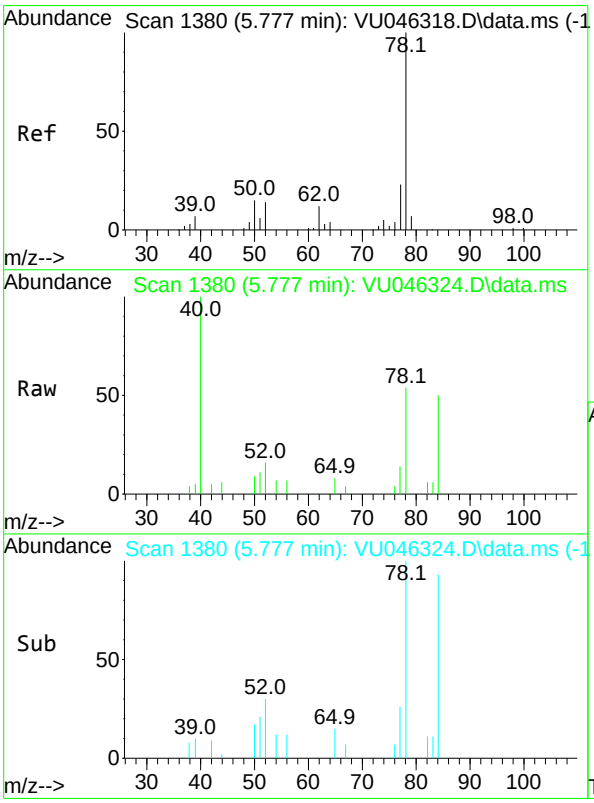
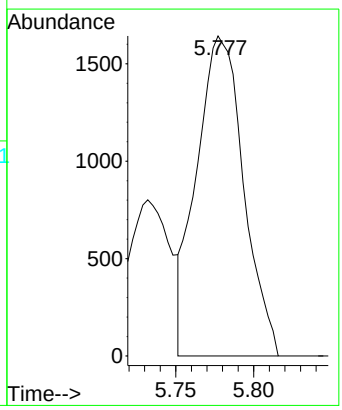
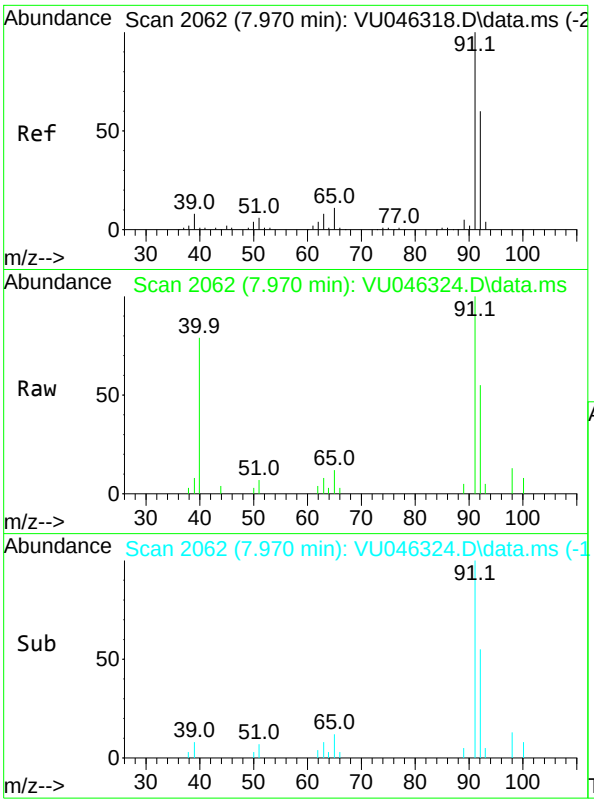


#33
Benzene
Concen: 0.738 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU046324.D
Acq: 13 Dec 2021 18:35

Tgt Ion: 78 Resp: 3441

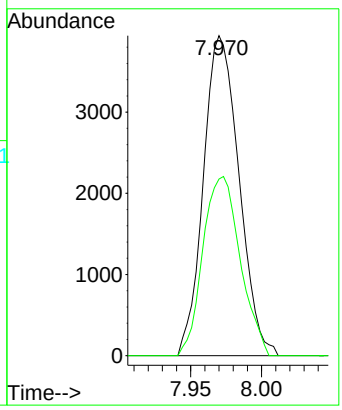




#42
Toluene
Concen: 1.378 ug/L
RT: 7.970 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU046324.D
Acq: 13 Dec 2021 18:35

Tgt Ion: 91 Resp: 689

Ion	Ratio	Lower	Upper
91	100		
92	55.2	41.9	77.7



Instrument :
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