Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052545.D
Acq On : 23 Dec 2022 18:18
Operator : JC/MD
Sample : N6171-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 24 03:58:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 24 03:53:16 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GBQD4

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/27/2022
Supervised By :Mahesh Dadoda 12/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.687	114	157899m	5.000	ug/L	0.44
28) Chlorobenzene-d5	9.529	117	154356	5.000	ug/L	0.12
58) 1,4-Dichlorobenzene-d4	11.838	152	79274	5.000	ug/L	0.03
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.941	65	61682m	3.856	ug/L	0.34
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.200%			
7) Chloroethane-d5	2.462	69	59782m	4.333	ug/L	0.55
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.600%			
11) 1,1-Dichloroethene-d2	3.475	65	19671m	2.858	ug/L	0.91
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.200%#			
20) 2-Butanone-d5	5.353	46	280265m	56.497	ug/L	0.70
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.000%			
24) Chloroform-d	5.726	84	117837m	4.366	ug/L	0.67
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.400%			
26) 1,2-Dichloroethane-d4	6.243	65	70507m	4.504	ug/L	0.54
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.000%			
32) Benzene-d6	6.266	84	247554m	4.678	ug/L	0.54
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.600%			
36) 1,2-Dichloropropane-d6	7.073	67	85680m	4.703	ug/L	0.39
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.000%			
41) Toluene-d8	8.124	98	190418	4.286	ug/L	0.23
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.800%			
43) trans-1,3-Dichloroprop...	8.372	79	30486	4.887	ug/L	0.19
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.800%			
46) 2-Hexanone-d5	8.787	63	211944	62.102	ug/L	0.15
Spiked Amount 50.000	Range 45 - 130		Recovery = 124.200%			
56) 1,1,2,2-Tetrachloroeth...	10.799	84	85940	5.556	ug/L	0.05
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.200%			
66) 1,2-Dichlorobenzene-d4	12.214	152	80285	4.974	ug/L	0.03
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.400%			
Target Compounds						Qvalue
33) Benzene	6.304	78	276546m	4.974	ug/L	
54) o-Xylene	10.176	106	11509	0.590	ug/L	99
63) 1,2,4-Trimethylbenzene	11.497	105	6298	0.148	ug/L	91

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

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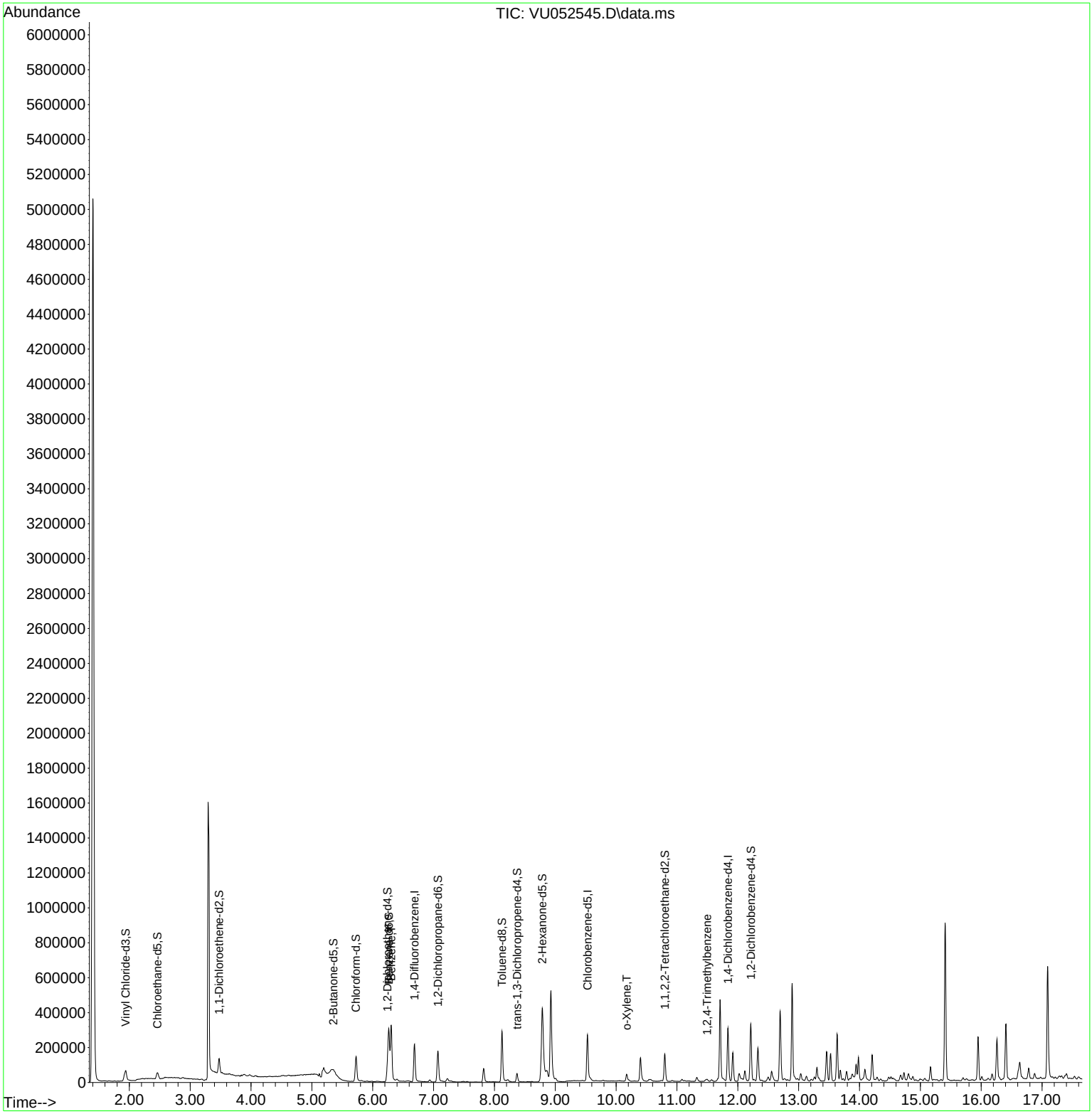

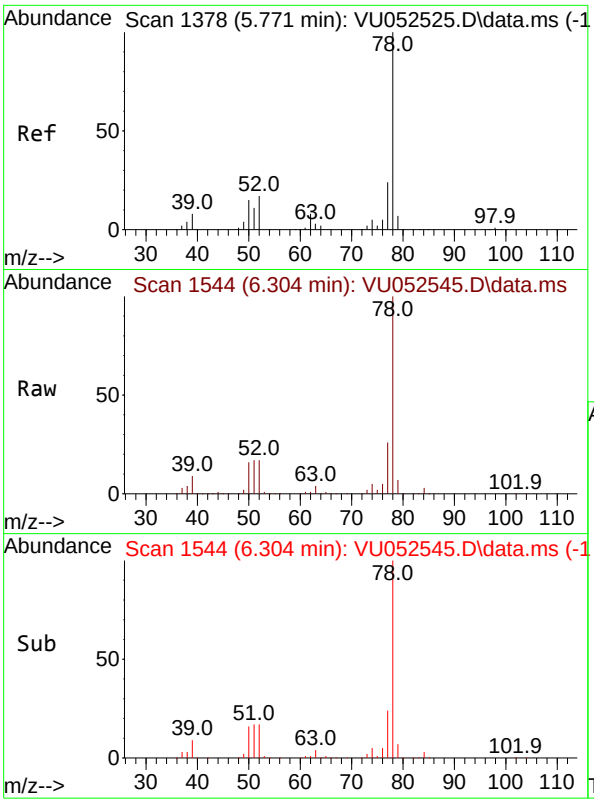

#33
Benzene
Concen: 4.974 ug/L m
RT: 6.304 min Scan# 1
Delta R.T. 0.534 min
Lab File: VU052545.D
Acq: 23 Dec 2022 18:18

Tgt Ion: 78 Resp: 27654

Instrument :
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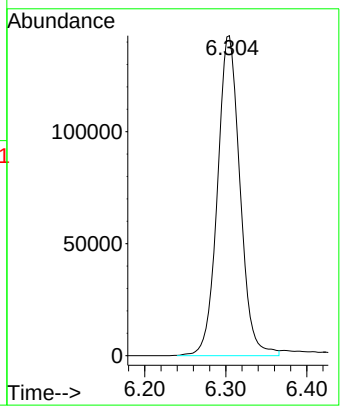
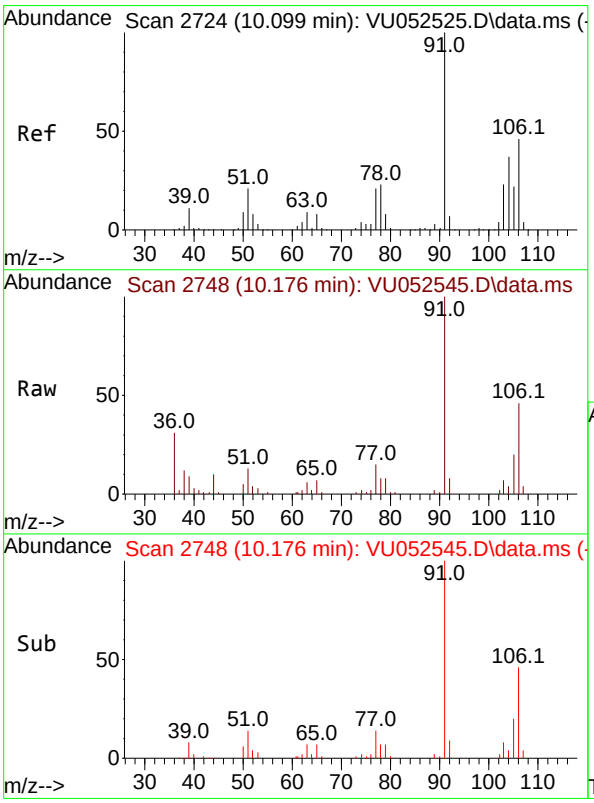
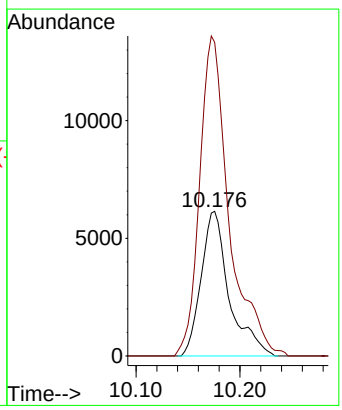


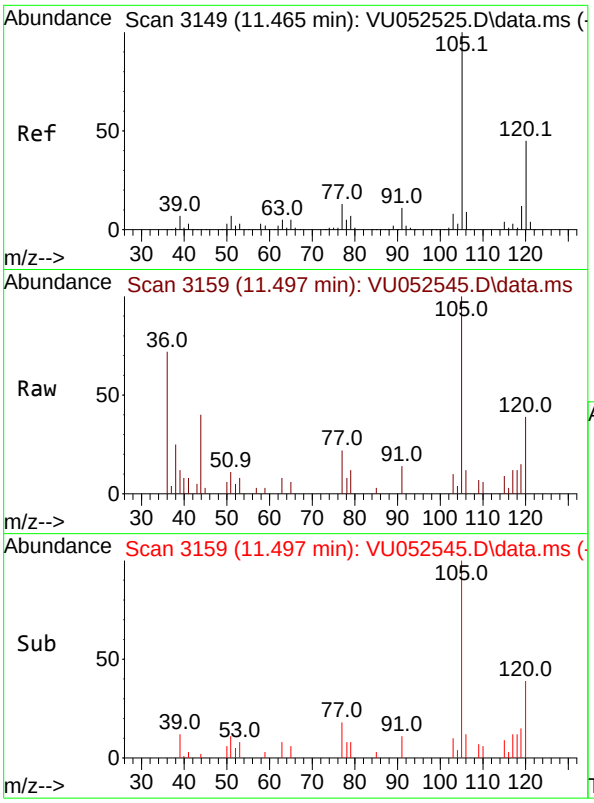


#54
o-Xylene
Concen: 0.590 ug/L
RT: 10.176 min Scan# 2748
Delta R.T. 0.077 min
Lab File: VU052545.D
Acq: 23 Dec 2022 18:18

Tgt Ion:106 Resp: 11509

Ion	Ratio	Lower	Upper
106	100		
91	216.9	153.2	284.4

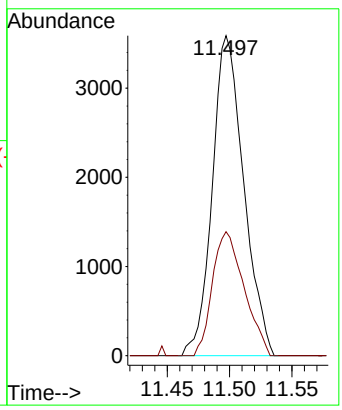




#63
1,2,4-Trimethylbenzene
Concen: 0.148 ug/L
RT: 11.497 min Scan# 3
Delta R.T. 0.032 min
Lab File: VU052545.D
Acq: 23 Dec 2022 18:18

Tgt Ion:105 Resp: 629

Ion	Ratio	Lower	Upper
105	100		
120	38.9	35.6	53.4



Instrument :
MSVOA_U
ClientSampleId :
GBQD4

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