Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110123\
Data File : VW027504.D
Acq On : 01 Nov 2023 15:53
Operator : SY/MD
Sample : VIBLK564
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK564

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

Quant Time: Nov 02 03:37:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Nov 02 03:33:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	334190	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	310395	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	152820	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	105149	20.616	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.480%			
7) Chloroethane-d5	2.899	69	86077	23.505	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.000%			
11) 1,1-Dichloroethene-d2	4.027	65	52724	20.631	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.520%			
21) 2-Butanone-d5	7.081	46	86146	50.817	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.640%			
24) Chloroform-d	7.648	84	224087	22.498	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.000%			
26) 1,2-Dichloroethane-d4	8.307	65	126107m	23.569	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.280%			
32) Benzene-d6	8.276	84	480147	22.864	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.440%			
36) 1,2-Dichloropropane-d6	9.276	67	149995	23.384	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.520%			
41) Toluene-d8	10.325	98	404523	21.242	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.960%			
43) trans-1,3-Dichloroprop...	10.575	79	52740	18.033	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 72.120%			
47) 2-Hexanone-d5	10.922	63	62017	46.731	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.460%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	119004	24.867	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.480%			
66) 1,2-Dichlorobenzene-d4	13.849	152	119607	21.598	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.400%			
Target Compounds						Qvalue
16) Methylene chloride	4.923	84	10467	1.711	ug/L	86
70) 1,2,4-trichlorobenzene	15.129	180	7781	1.447	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	9381	2.121	ug/L	96

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

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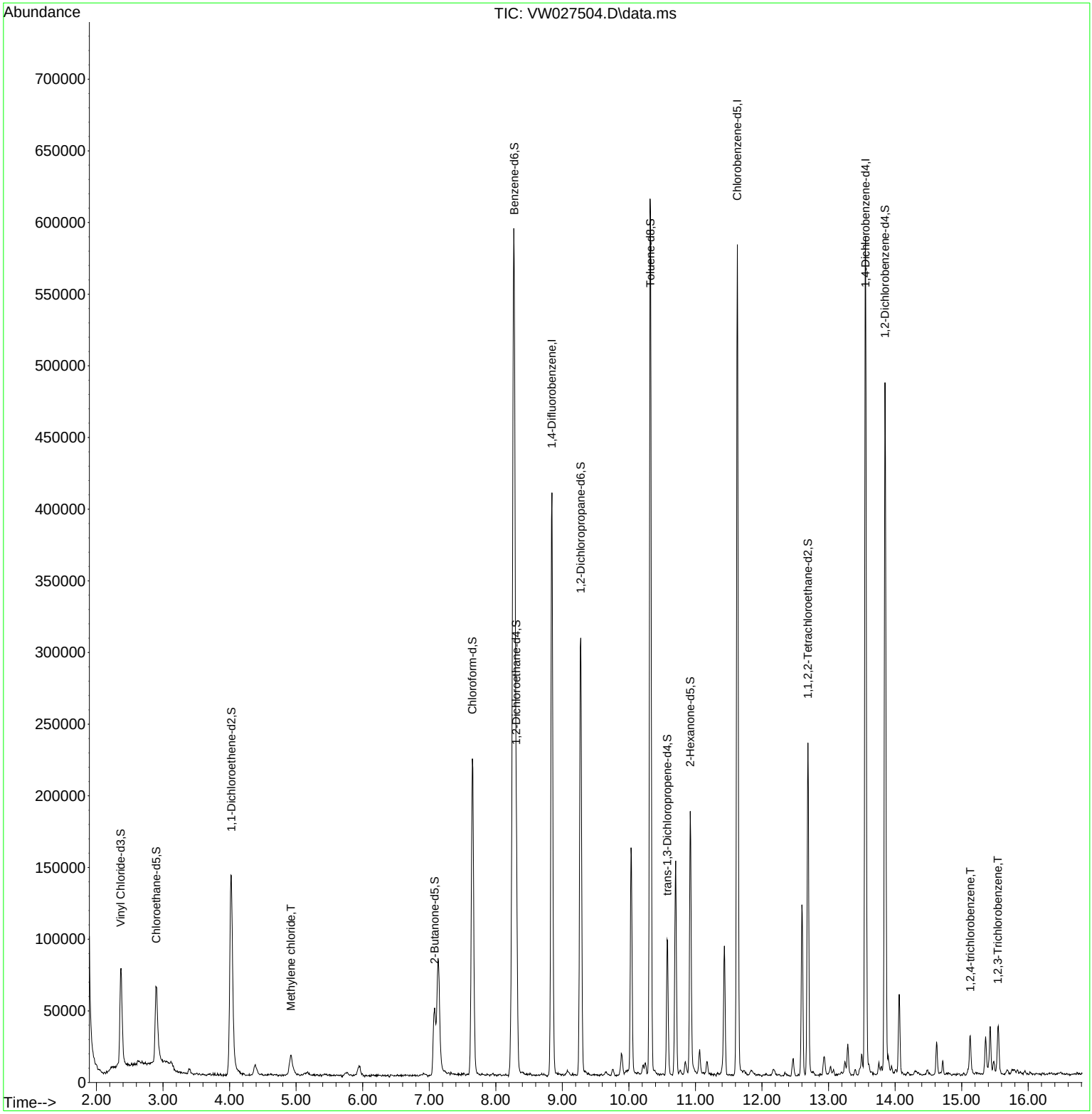

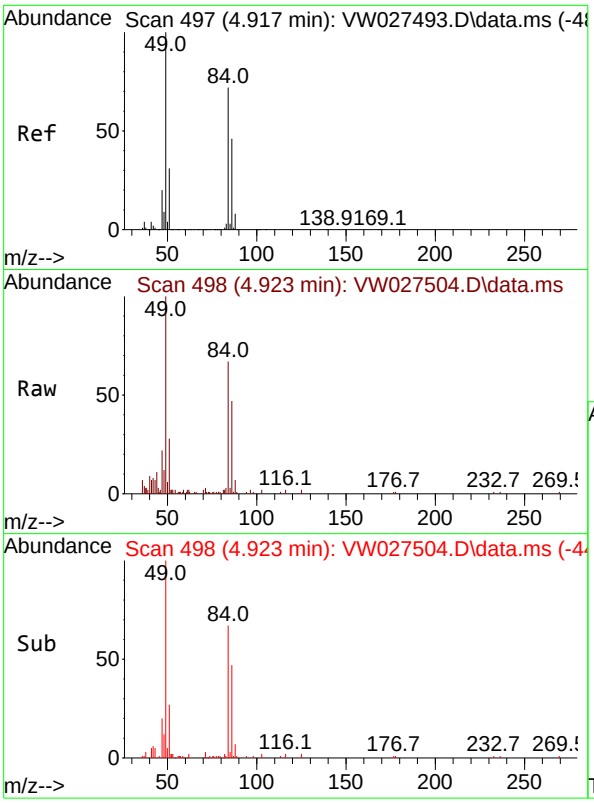

#16
Methylene chloride
Concen: 1.711 ug/L
RT: 4.923 min Scan# 4
Delta R.T. 0.007 min
Lab File: VW027504.D
Acq: 01 Nov 2023 15:53

Tgt Ion: 84 Resp: 1046

Ion	Ratio	Lower	Upper
84	100		
86	70.1	41.3	76.7
49	149.2	92.8	172.4

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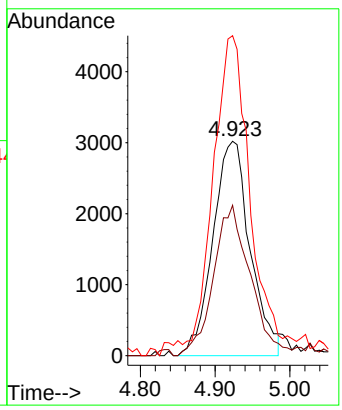
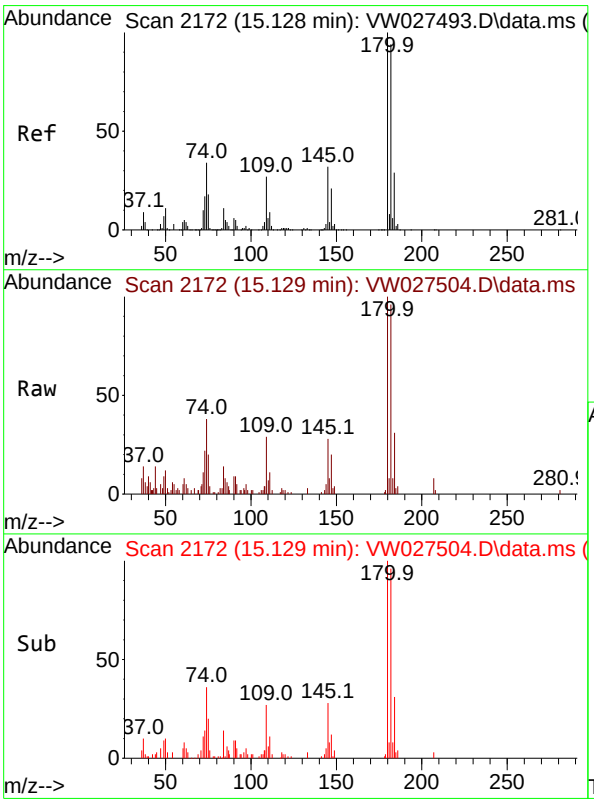
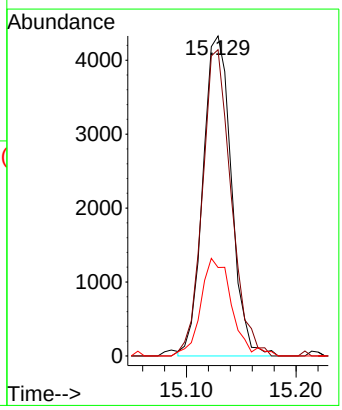


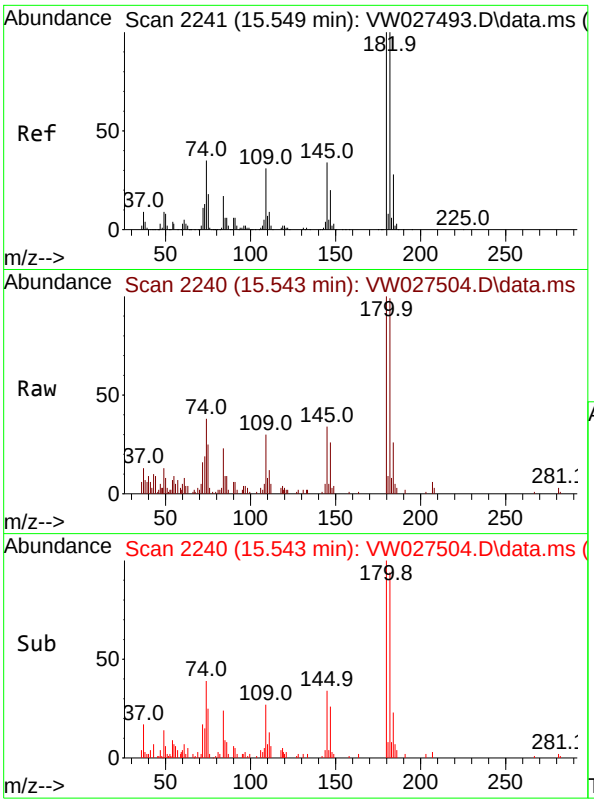


#70
1,2,4-trichlorobenzene
Concen: 1.447 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW027504.D
Acq: 01 Nov 2023 15:53

Tgt Ion:180 Resp: 7781

Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.5	113.3
145	32.3	26.4	39.6

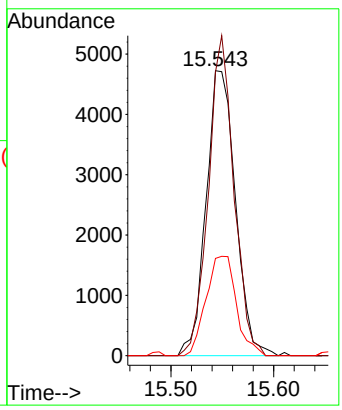




#72
1,2,3-Trichlorobenzene
Concen: 2.121 ug/L
RT: 15.543 min Scan# 2
Delta R.T. -0.006 min
Lab File: VW027504.D
Acq: 01 Nov 2023 15:53

Tgt Ion:180 Resp: 938

Ion	Ratio	Lower	Upper
180	100		
182	97.6	81.1	121.7
145	36.0	30.6	45.8



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