Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071024\
Data File : VW029500.D
Acq On : 10 Jul 2024 12:38
Operator : SY/MD
Sample : VIBLK495
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK495

Quant Time: Jul 11 02:16:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jul 11 02:12:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	273914	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	253426	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	117403	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	106005	23.956	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.840%			
7) Chloroethane-d5	2.893	69	79373	24.912	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.640%			
11) 1,1-Dichloroethene-d2	4.015	65	51415	25.876	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 103.520%			
21) 2-Butanone-d5	7.075	46	57422	43.230	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.460%			
24) Chloroform-d	7.648	84	209264	26.427	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.720%			
26) 1,2-Dichloroethane-d4	8.307	65	123620	26.616	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.480%			
32) Benzene-d6	8.276	84	416902	27.461	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.840%			
36) 1,2-Dichloropropane-d6	9.270	67	134277	27.663	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.640%			
41) Toluene-d8	10.325	98	366401	27.443	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.760%			
43) trans-1,3-Dichloroprop...	10.575	79	51246	24.931	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.720%			
47) 2-Hexanone-d5	10.922	63	40723	46.169	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.340%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96479	24.480	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.920%			
66) 1,2-Dichlorobenzene-d4	13.848	152	112628	27.547	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.200%			
Target Compounds						Qvalue
16) Methylene chloride	4.923	84	12873	2.625	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	2088	0.491	ug/L	93

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

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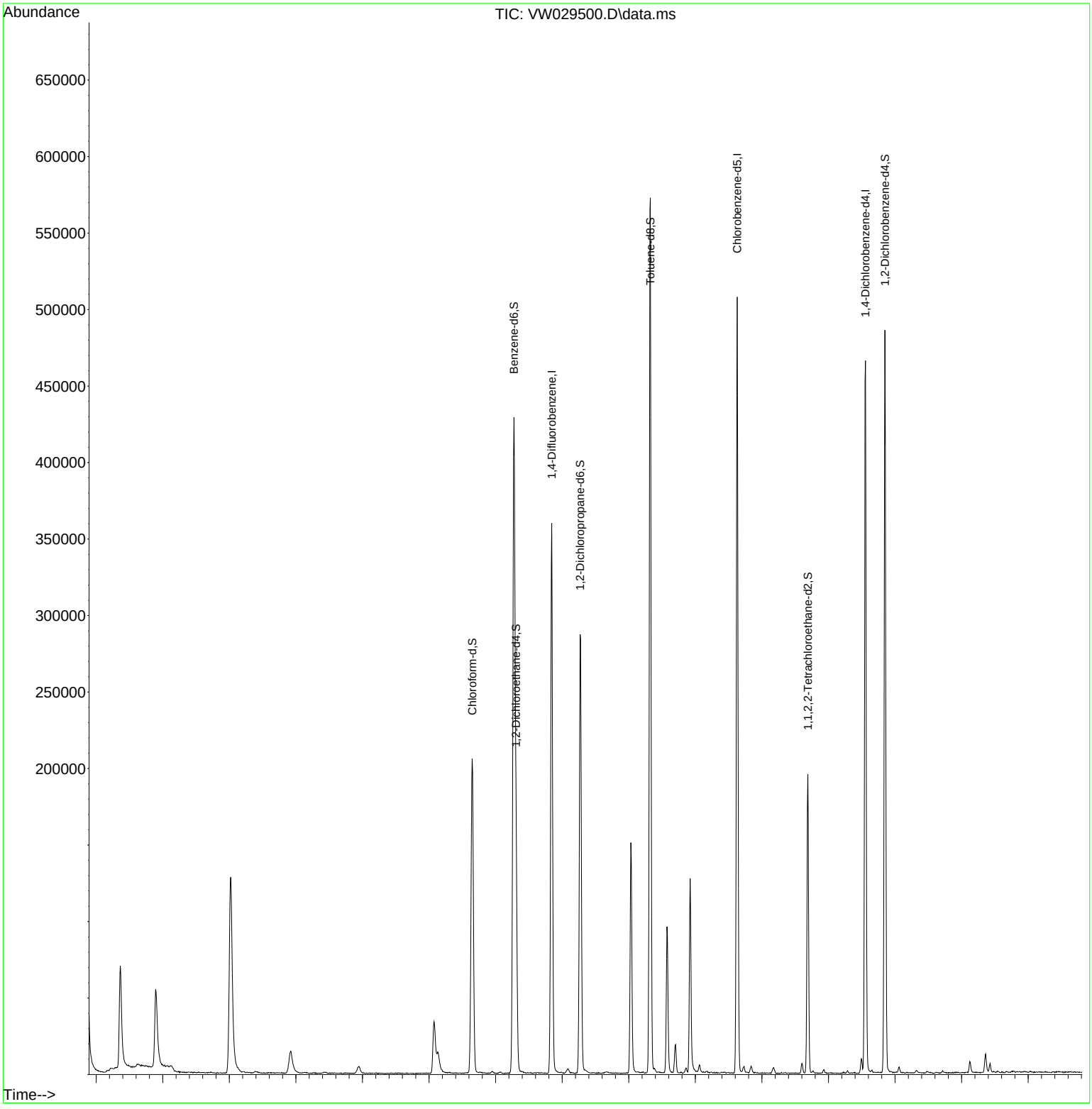
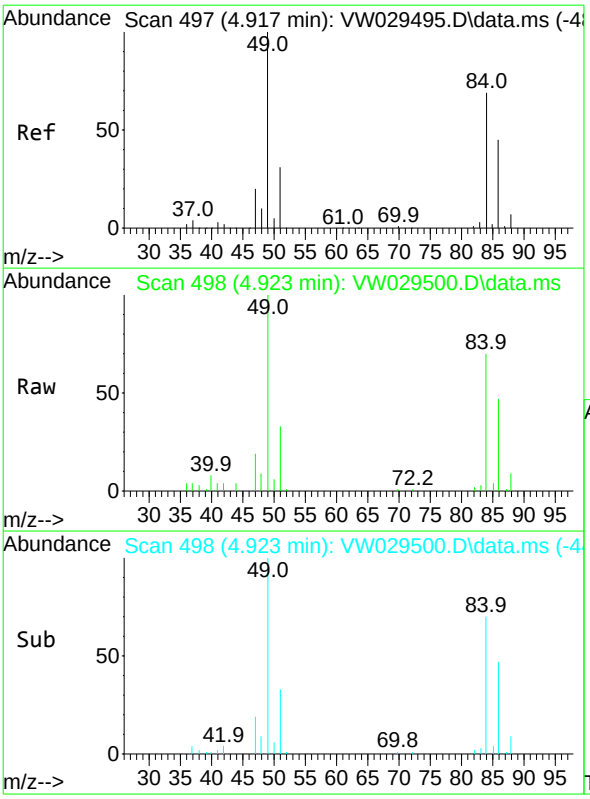


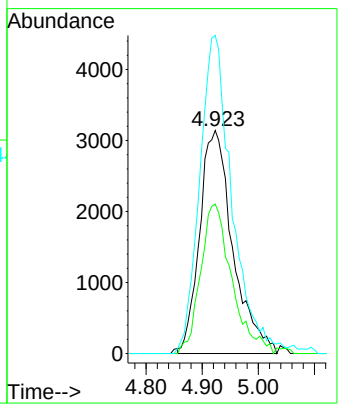


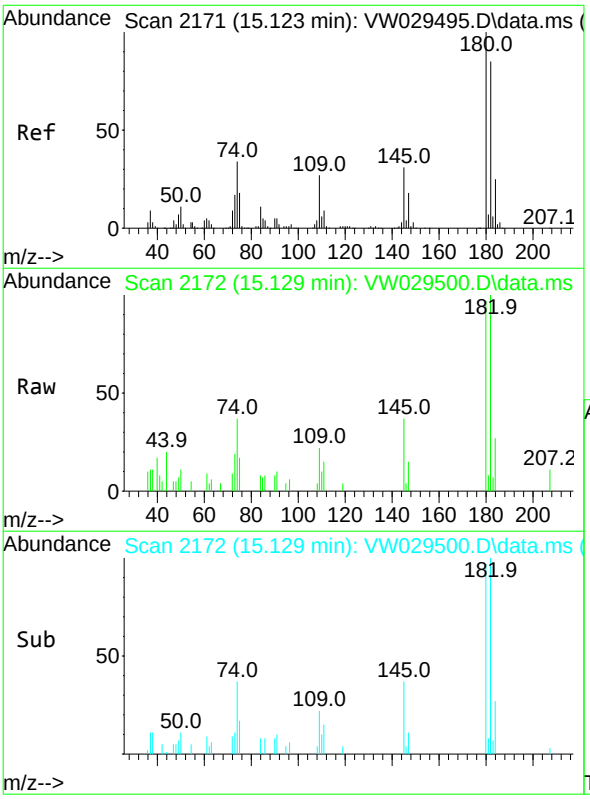
#16
Methylene chloride
Concen: 2.625 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW029500.D
Acq: 10 Jul 2024 12:38

Instrument :
MSVOA_W
ClientSampleId :
VIBLK495

Tgt Ion: 84 Resp: 12873

Ion	Ratio	Lower	Upper
84	100		
86	67.0	46.2	85.8
49	142.6	96.7	179.7





#70
1,2,4-trichlorobenzene
Concen: 0.491 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW029500.D
Acq: 10 Jul 2024 12:38

Tgt Ion:180 Resp: 2088

Ion	Ratio	Lower	Upper
180	100		
182	98.9	74.7	112.1
145	38.3	26.2	39.2