Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042224\
Data File : VW028505.D
Acq On : 22 Apr 2024 13:04
Operator : SY/MD
Sample : P2203-11
Misc : 4.85g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E1CX0

Quant Time: Apr 23 02:43:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Apr 23 02:42:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	416685	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	310775	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	88124	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	151123	22.623	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.480%			
7) Chloroethane-d5	2.899	69	126352	24.956	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.840%			
11) 1,1-Dichloroethene-d2	4.021	65	62503	22.095	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.360%			
21) 2-Butanone-d5	7.081	46	66439	53.150	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.300%			
24) Chloroform-d	7.654	84	130523	12.004	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 48.000%			
26) 1,2-Dichloroethane-d4	8.307	65	154465	27.336	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.360%			
32) Benzene-d6	8.276	84	537036	31.632	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 126.520%			
36) 1,2-Dichloropropane-d6	9.270	67	167289	33.150	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 132.600%#			
41) Toluene-d8	10.325	98	426750	27.643	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 110.560%			
43) trans-1,3-Dichloroprop...	10.575	79	53920	26.871	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 107.480%			
47) 2-Hexanone-d5	10.922	63	43023	61.547	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.100%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	15200	4.269	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 17.080%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	83223	29.862	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 119.440%			
Target Compounds						Qvalue
13) Acetone	4.137	43	9839	6.410	ug/L	96
25) Chloroform	7.679	83	151013	13.565	ug/L	94
34) Trichloroethene	9.093	95	4982	0.946	ug/L #	86
46) Tetrachloroethene	10.861	164	1423	0.362	ug/L	88

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

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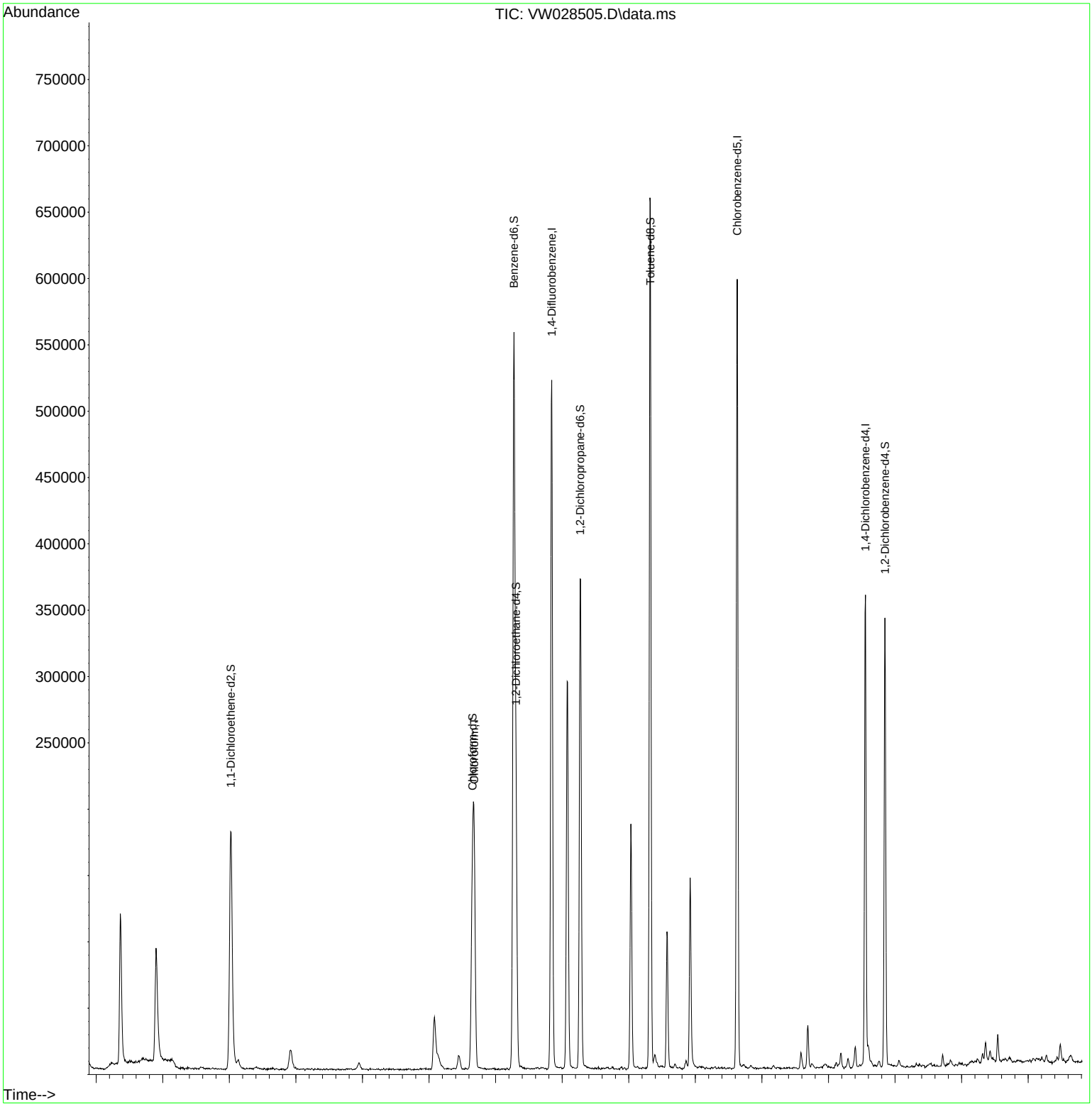
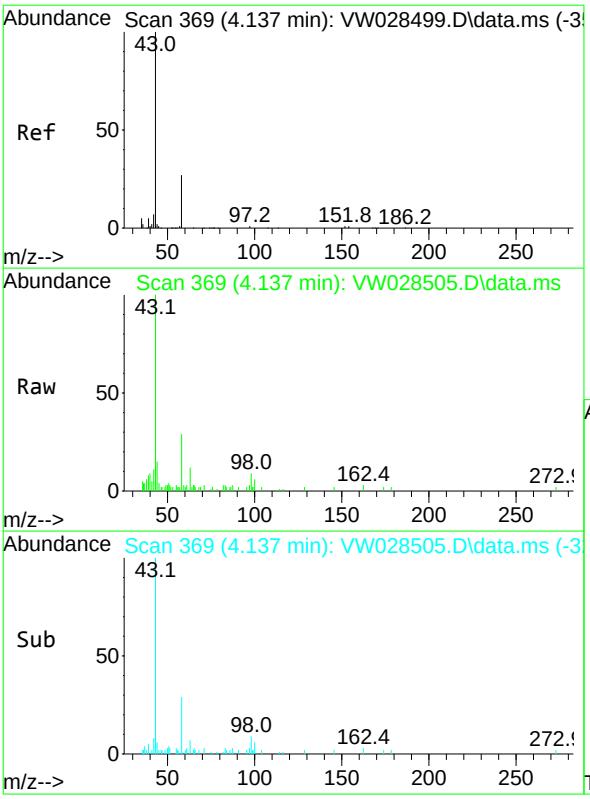


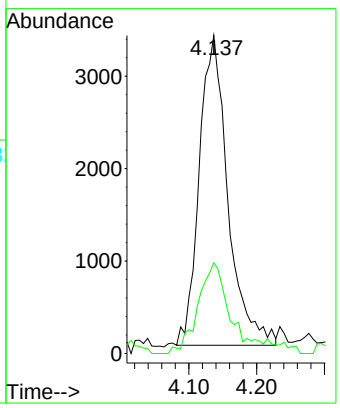


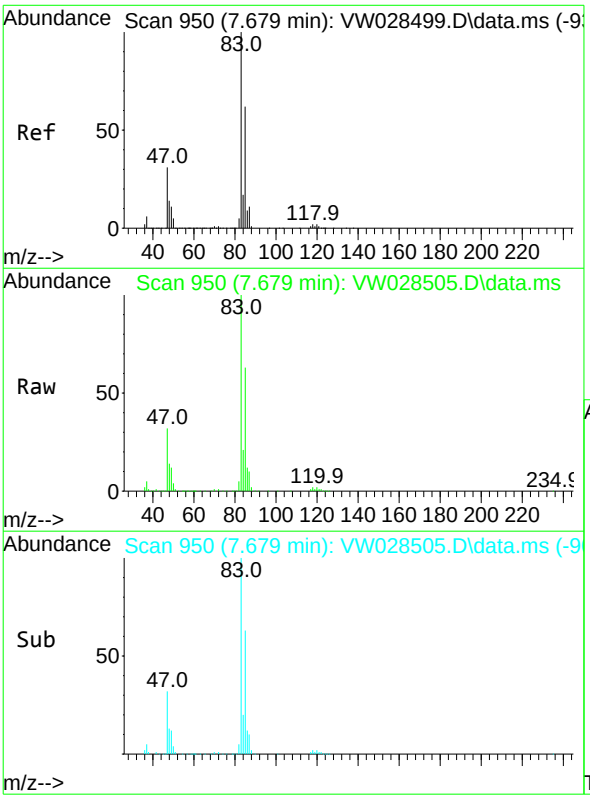
#13
Acetone
Concen: 6.410 ug/L
RT: 4.137 min Scan# 36
Delta R.T. 0.000 min
Lab File: VW028505.D
Acq: 22 Apr 2024 13:04

Instrument :
MSVOA_W
ClientSampleId :
E1CX0

Tgt Ion: 43 Resp: 9839

Ion	Ratio	Lower	Upper
43	100		
58	24.8	0.0	53.4

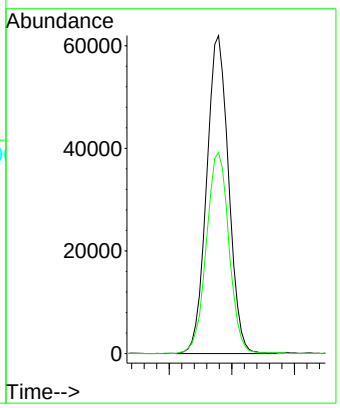


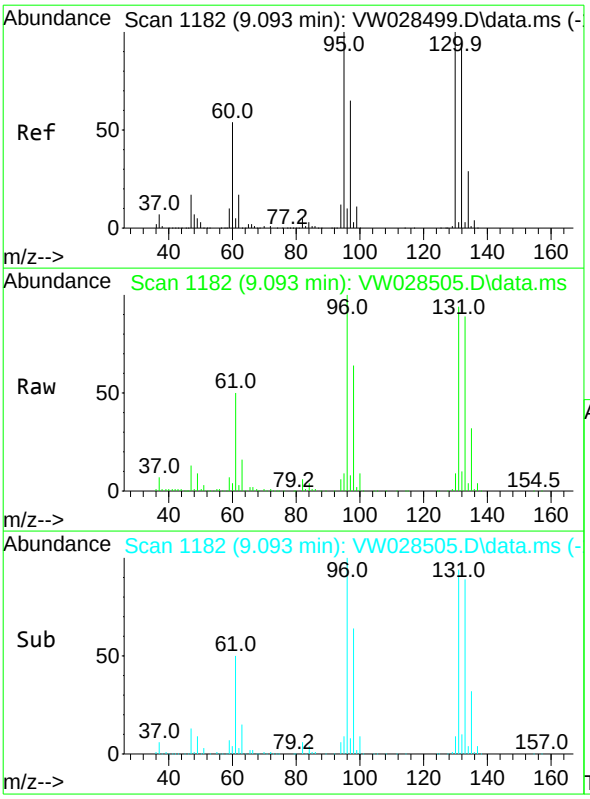


#25
Chloroform
Concen: 13.565 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW028505.D
Acq: 22 Apr 2024 13:04

Tgt Ion: 83 Resp: 151013

Ion	Ratio	Lower	Upper
83	100		
85	63.2	47.7	88.7



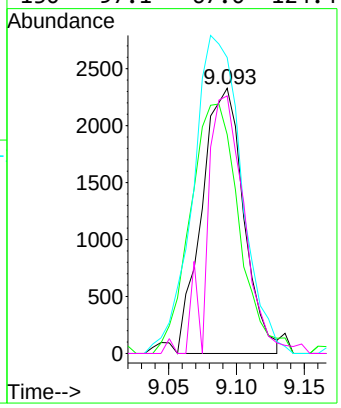


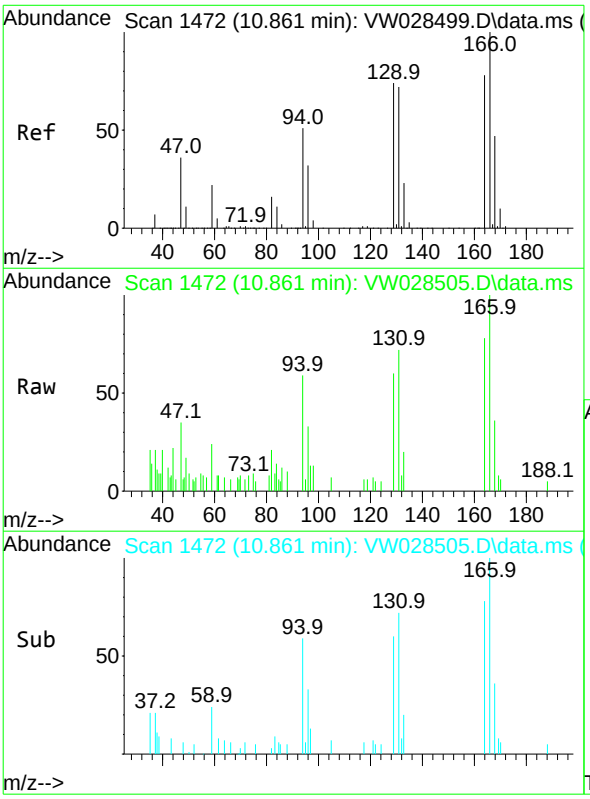
#34
Trichloroethene
Concen: 0.946 ug/L
RT: 9.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028505.D
Acq: 22 Apr 2024 13:04

Instrument :
MSVOA_W
ClientSampleId :
E1CX0

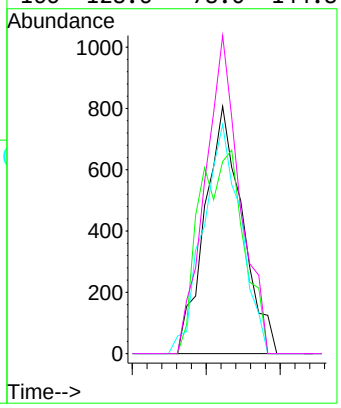
Tgt Ion: 95 Resp: 4982

Ion	Ratio	Lower	Upper
95	100		
97	82.6	43.8	81.4#
132	111.6	66.1	122.8
130	97.1	67.0	124.4





#46
Tetrachloroethene
Concen: 0.362 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW028505.D
Acq: 22 Apr 2024 13:04

Tgt Ion:164 Resp: 1423

Ion	Ratio	Lower	Upper
164	100		
129	77.7	59.7	110.9
131	92.7	58.2	108.2
166	128.6	78.0	144.8