Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
Data File : VW025554.D
Acq On : 03 Apr 2023 13:55
Operator : SY/MD
Sample : 02151-07RE
Misc : 5.89g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B0RE

Quant Time: Apr 04 03:11:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Apr 04 03:04:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	667326	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	345413	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	52755	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	271174	24.972	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.880%			
7) Chloroethane-d5	2.893	69	216459	27.997	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.000%			
11) 1,1-Dichloroethene-d2	4.021	63	394146	17.948	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.800%			
21) 2-Butanone-d5	7.075	46	182430	75.304	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 150.600%#			
24) Chloroform-d	7.648	84	515596	27.518	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.080%			
26) 1,2-Dichloroethane-d4	8.307	65	251074	25.757	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.040%			
32) Benzene-d6	8.276	84	1018930	45.557	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 182.240%#			
36) 1,2-Dichloropropane-d6	9.270	67	342503	49.113	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 196.440%#			
41) Toluene-d8	10.325	98	676066	34.604	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 138.400%#			
43) trans-1,3-Dichloroprop...	10.575	79	51153	19.565	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 78.240%			
47) 2-Hexanone-d5	10.922	63	75187	78.877	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 157.760%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	199054	42.289	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 169.160%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	64140	35.390	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 141.560%#			
Target Compounds						Qvalue
13) Acetone	4.119	43	153538	74.884	ug/L	99
16) Methylene chloride	4.923	84	48862	4.606	ug/L	93
22) 2-Butanone	7.173	43	39096	13.413	ug/L	99

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

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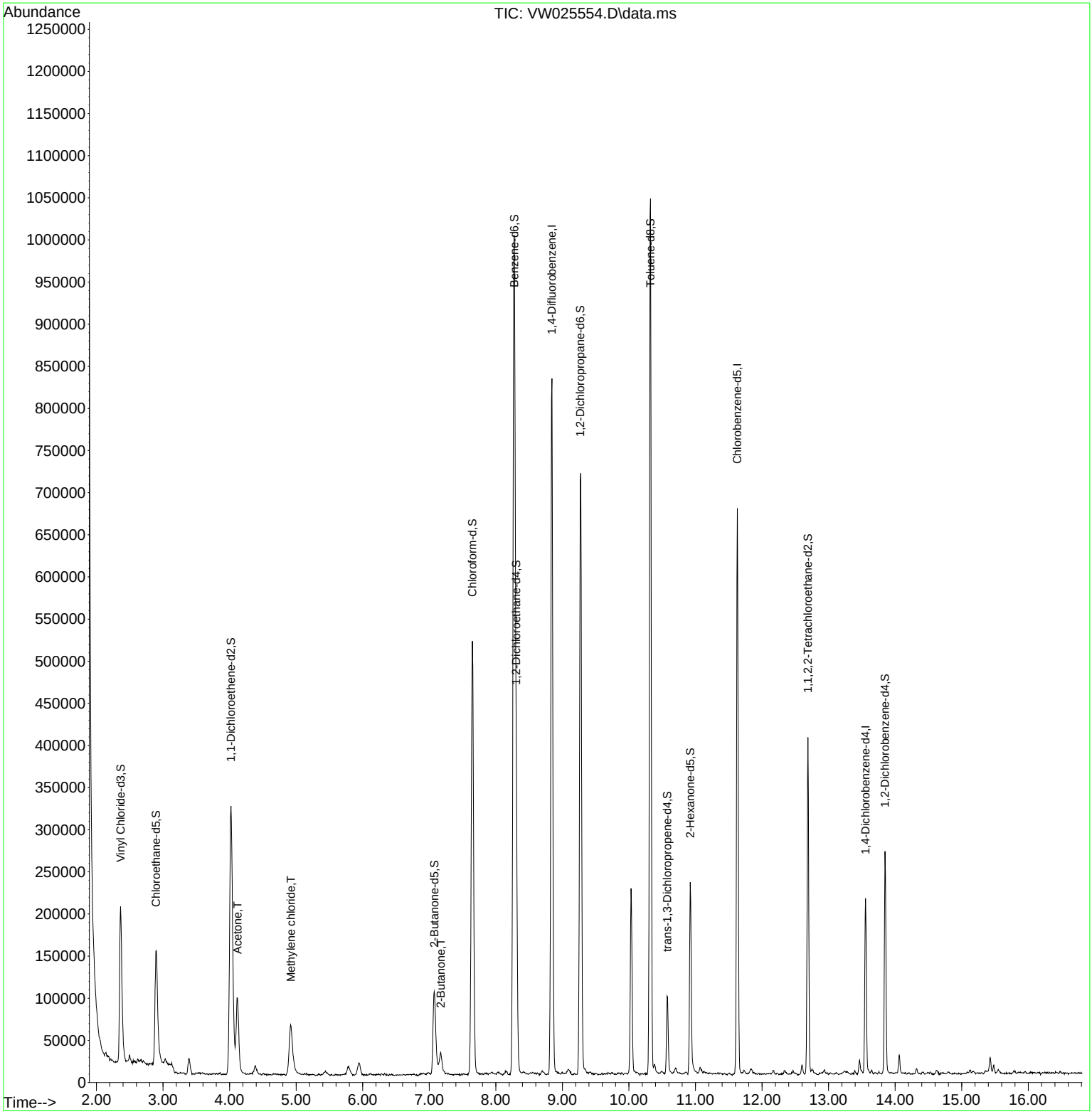
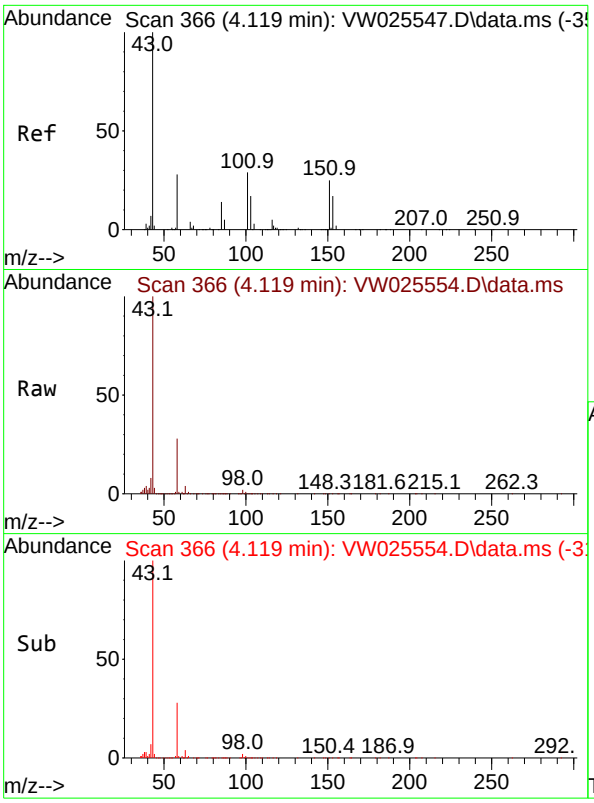


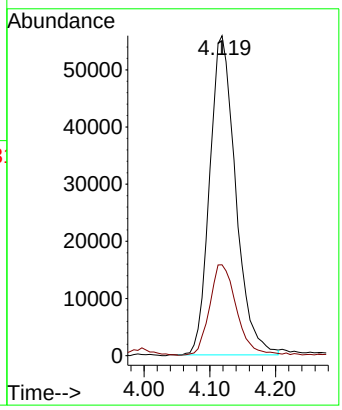


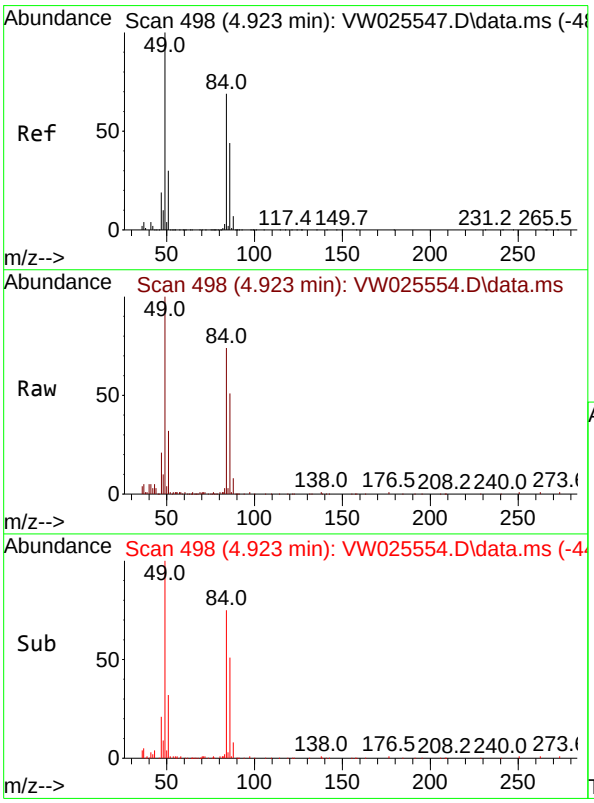
#13
Acetone
Concen: 74.884 ug/L
RT: 4.119 min Scan# 3
Delta R.T. -0.000 min
Lab File: VW025554.D
Acq: 03 Apr 2023 13:55

Instrument :
MSVOA_W
ClientSampleId :
C11B0RE

Tgt Ion: 43 Resp: 153538

Ion	Ratio	Lower	Upper
43	100		
58	29.5	0.0	57.4

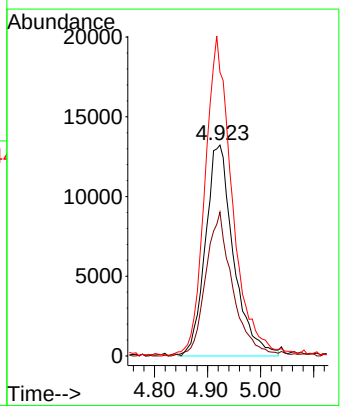


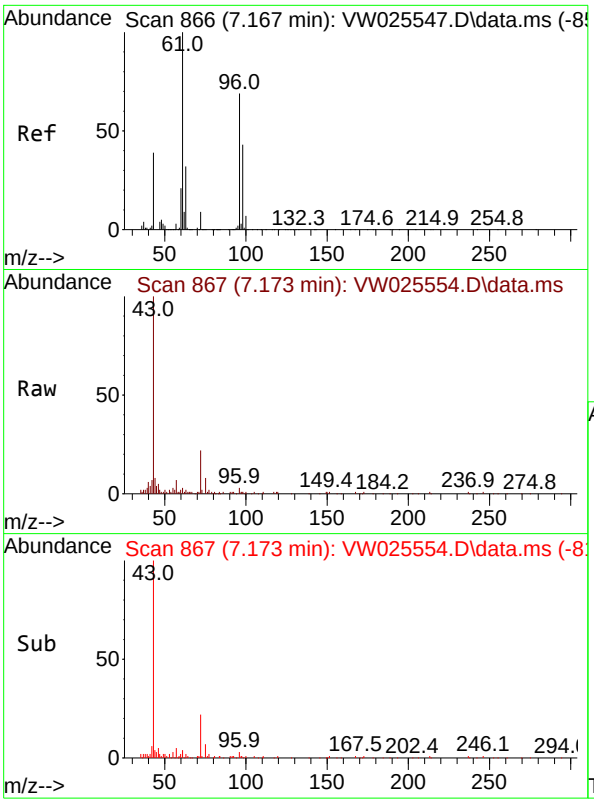


#16
Methylene chloride
Concen: 4.606 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW025554.D
Acq: 03 Apr 2023 13:55

Tgt Ion: 84 Resp: 48862

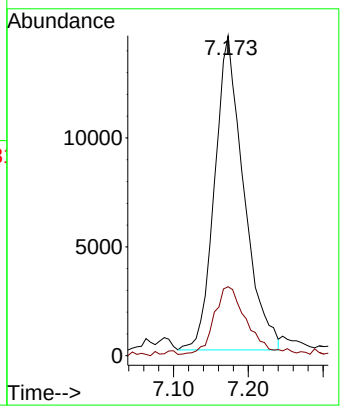
Ion	Ratio	Lower	Upper
84	100		
86	68.2	44.9	83.3
49	134.5	101.4	188.4





#22
2-Butanone
Concen: 13.413 ug/L
RT: 7.173 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW025554.D
Acq: 03 Apr 2023 13:55

Instrument :
MSVOA_W
ClientSampleId :
C11B0RE

Tgt Ion: 43 Resp: 39096

Ion	Ratio	Lower	Upper
43	100		
72	23.5	12.0	36.0