Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050119\
Data File : VV010612.D
Acq On : 01 May 2019 18:36
Operator : SY/MD
Sample : K2590-09
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XA1

Quant Time: May 02 08:39:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 08:18:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	75623	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	76437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30438	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	23637	5.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.40%			
7) Chloroethane-d5	1.57	69	17293	6.04	ug/L	-0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 120.80%			
11) 1,1-Dichloroethene-d2	2.13	63	33400	3.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.40%			
20) 2-Butanone-d5	3.93	46	56344	53.98	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.96%			
24) Chloroform-d	4.40	84	46286	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
26) 1,2-Dichloroethane-d4	5.08	65	25041	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.60%			
32) Benzene-d6	5.10	84	98844	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
36) 1,2-Dichloropropane-d6	6.12	67	29712	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%			
41) Toluene-d8	7.36	98	91496	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
43) trans-1,3-Dichloropropene-	7.66	79	9466	4.54	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.80%			
46) 2-Hexanone-d5	8.13	63	48168	57.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.76%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	21666	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	33629	5.88	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 117.60%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.77	101	1118	0.118	ug/L	96
13) Acetone	2.19	43	12009	19.377	ug/L	99
21) 2-Butanone	4.04	43	1735	1.647	ug/L	95
34) Trichloroethene	5.96	95	822	0.139	ug/L	87

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

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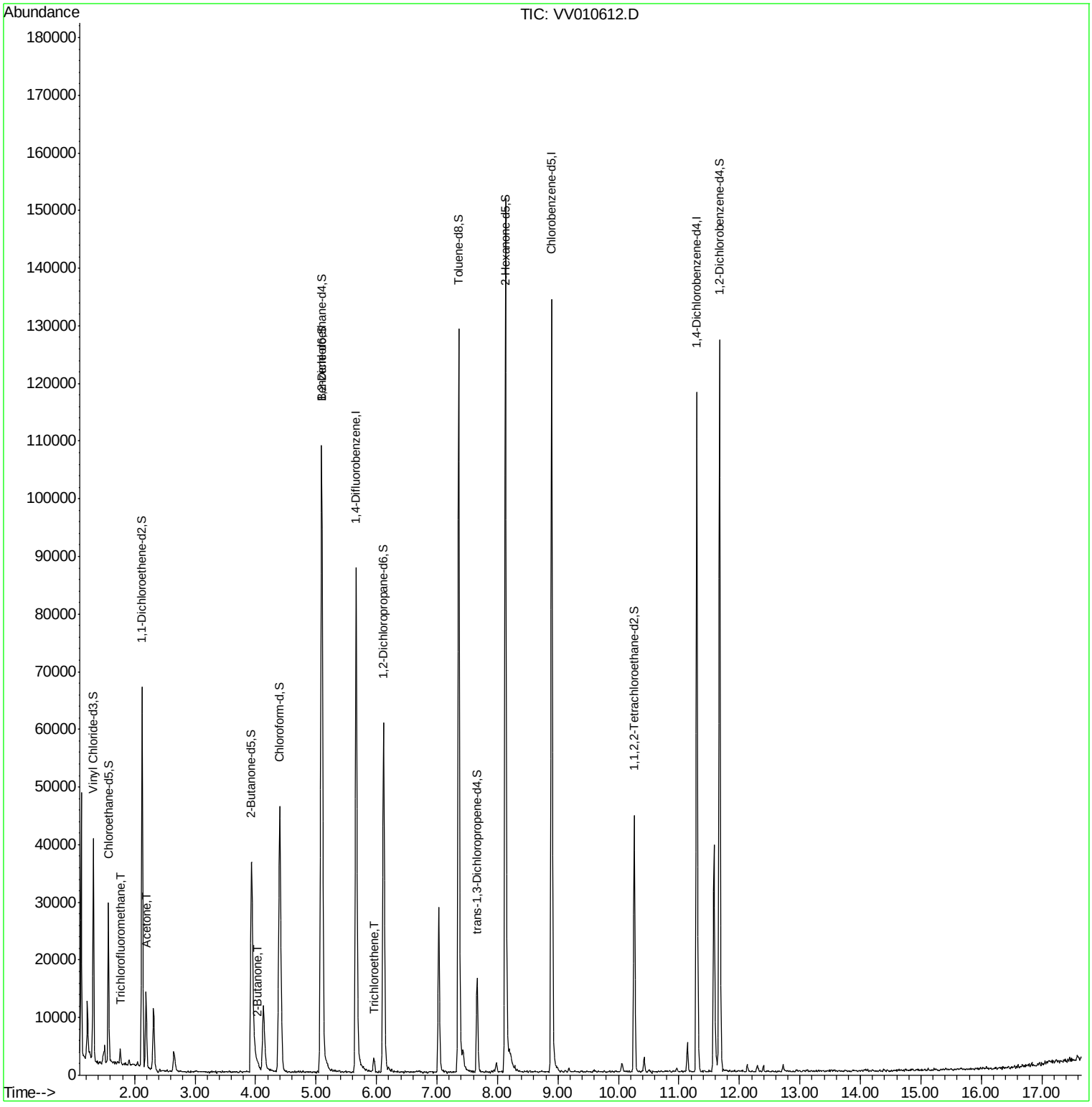
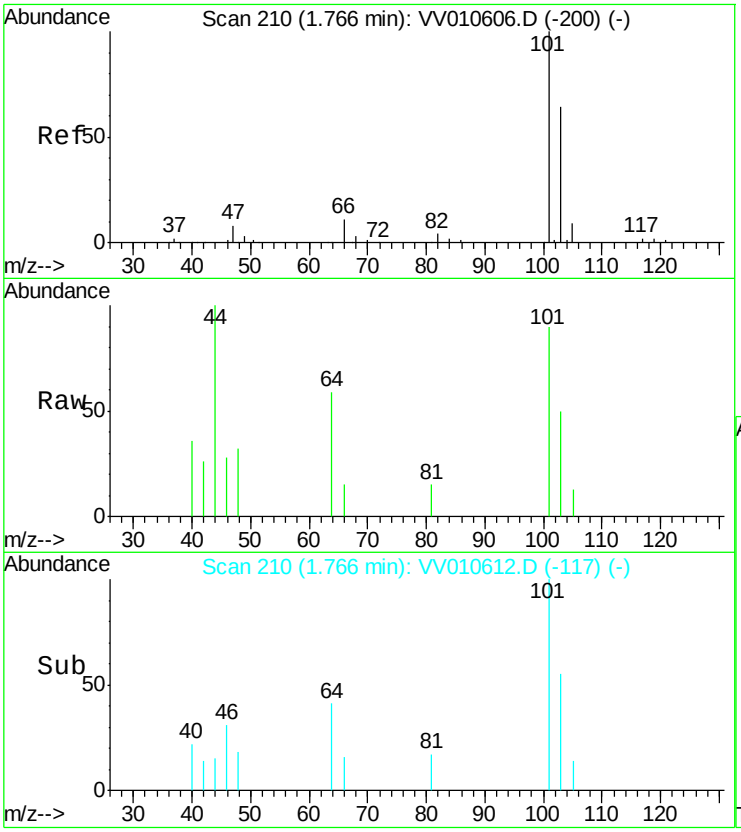


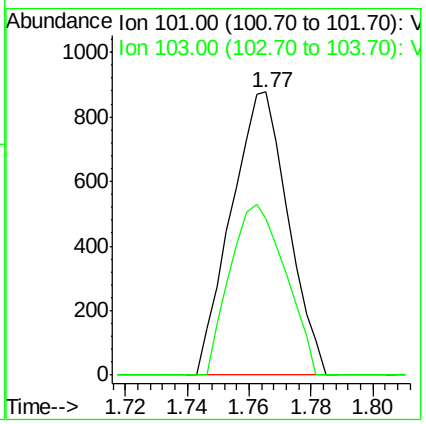


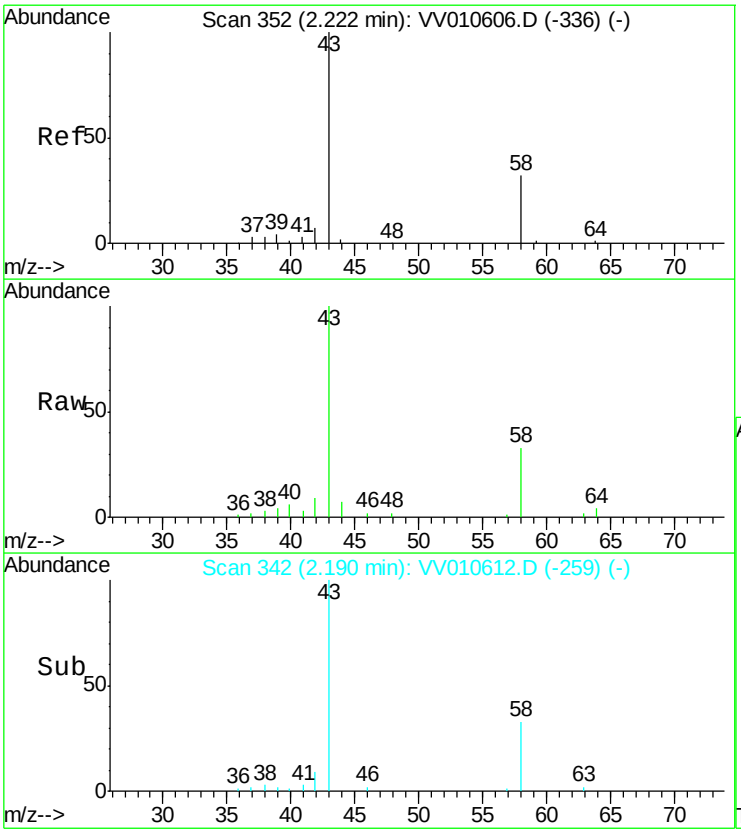
#9
Trichlorofluoromethane
Concen: 0.118 ug/L
RT: 1.77 min Scan# 210
Delta R.T. 0.00 min
Lab File: VV010612.D
Acq: 01 May 2019 18:36

Instrument :
MSVOA_V
ClientSampleId :
C0XA1

Tgt Ion:101 Resp: 1118

Ion	Ratio	Lower	Upper
101	100		
103	59.0	49.5	74.3

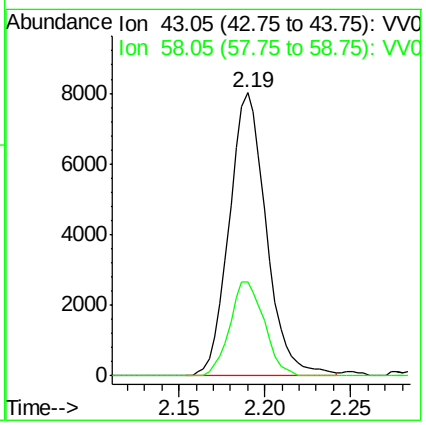


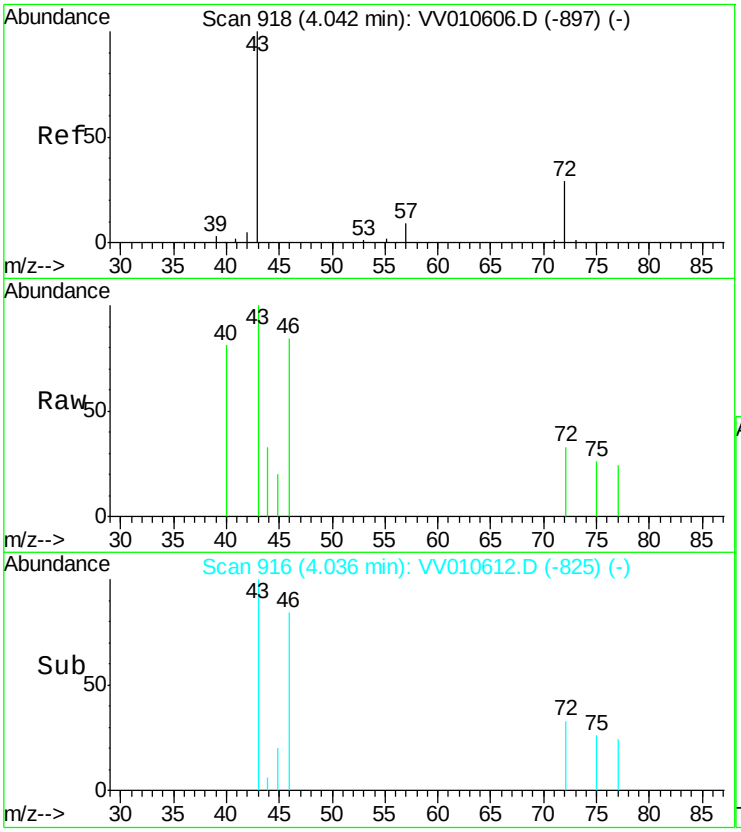


#13
Acetone
Concen: 19.377 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.03 min
Lab File: VV010612.D
Acq: 01 May 2019 18:36

Tgt Ion: 43 Resp: 12009

Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	62.8



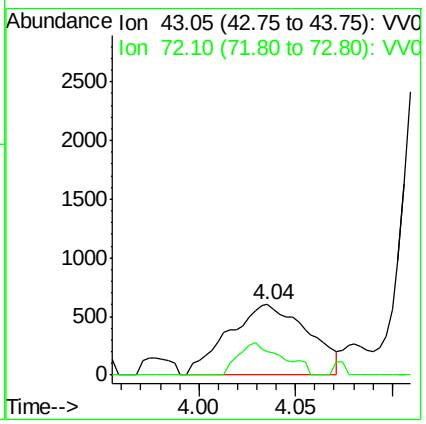


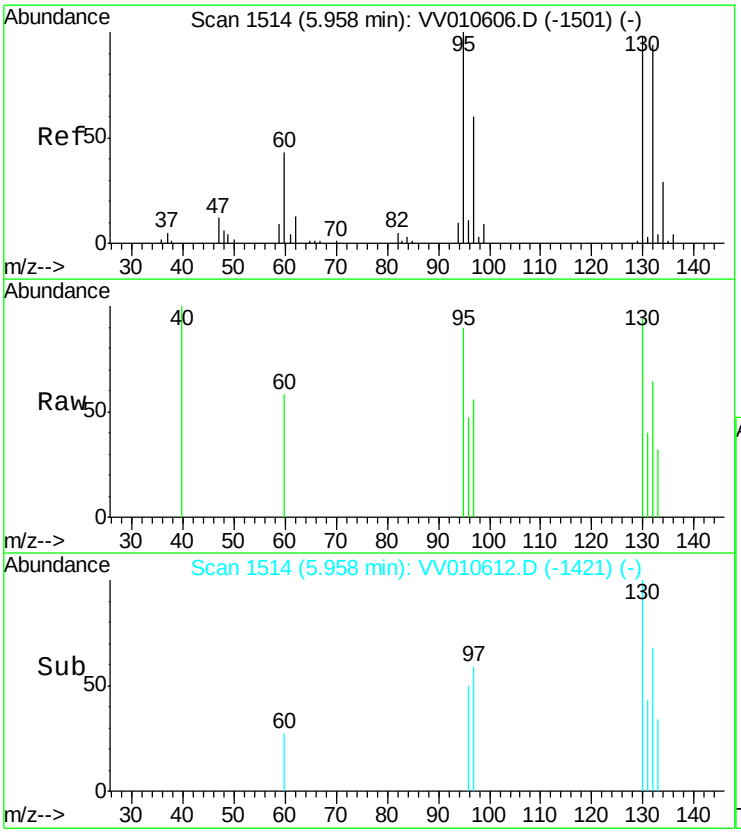
#21
2-Butanone
Concen: 1.647 ug/L
RT: 4.04 min Scan# 916
Delta R.T. -0.01 min
Lab File: VV010612.D
Acq: 01 May 2019 18:36

Instrument : MSVOA_V
ClientSampleId : C0XA1

Tgt Ion: 43 Resp: 1735

Ion	Ratio	Lower	Upper
43	100		
72	24.8	13.8	41.3





#34
Trichloroethene
Concen: 0.139 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV010612.D
Acq: 01 May 2019 18:36

Tgt Ion: 95 Resp: 822

Ion	Ratio	Lower	Upper
95	100		
97	62.2	42.4	78.6
132	71.6	69.3	128.7
130	105.0	70.3	130.7