Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112118\
Data File : VU028322.D
Acq On : 21 Nov 2018 16:14
Operator : MD/SY
Sample : J6026-10DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FL9DL

Quant Time: Nov 22 00:01:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	168110	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	160319	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70632	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	59497	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.00%			
7) Chloroethane-d5	1.68	69	45254	4.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.80%			
11) 1,1-Dichloroethene-d2	2.27	63	85066	3.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.60%			
20) 2-Butanone-d5	4.19	46	188209	44.46	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.92%			
24) Chloroform-d	4.65	84	101004	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%			
26) 1,2-Dichloroethane-d4	5.31	65	56103	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
32) Benzene-d6	5.34	84	201604	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.40%			
36) 1,2-Dichloropropane-d6	6.33	67	74838	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.40%			
41) Toluene-d8	7.57	98	175314	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.80%			
43) trans-1,3-Dichloropropene-	7.85	79	27530	5.14	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.80%			
46) 2-Hexanone-d5	8.31	63	129995	40.49	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.98%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53295	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	57882	4.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	15572	0.913	ug/L	87
17) Methyl tert-butyl Ether	3.00	73	179746	5.782	ug/L	99
19) 1,1-Dichloroethane	3.44	63	8671	0.339	ug/L	97

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

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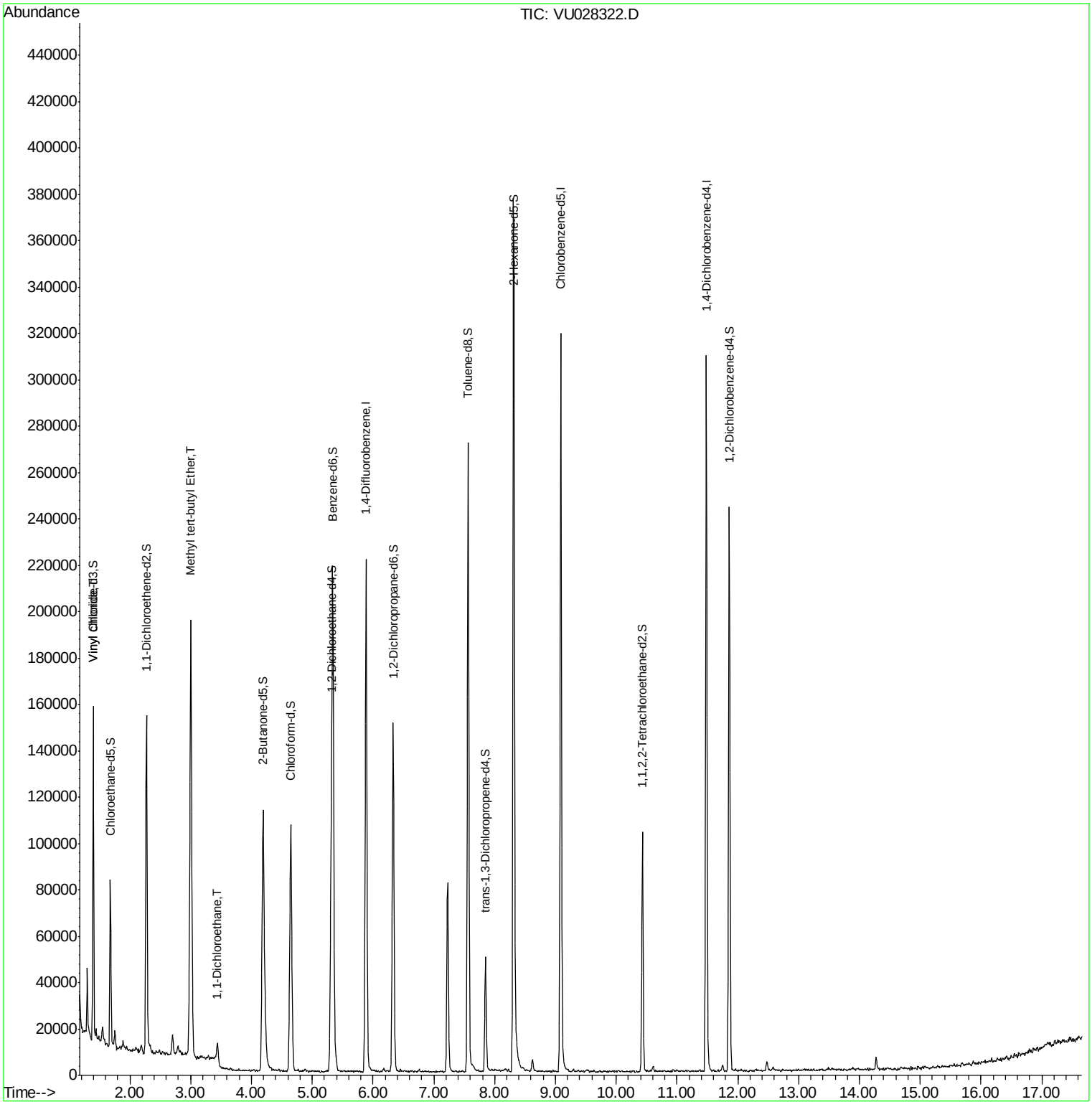
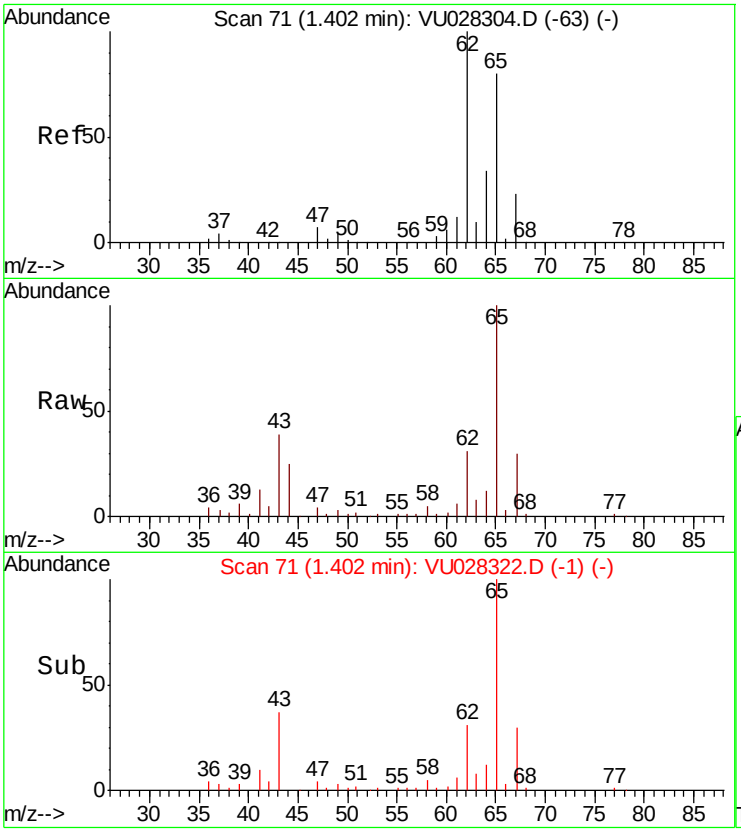


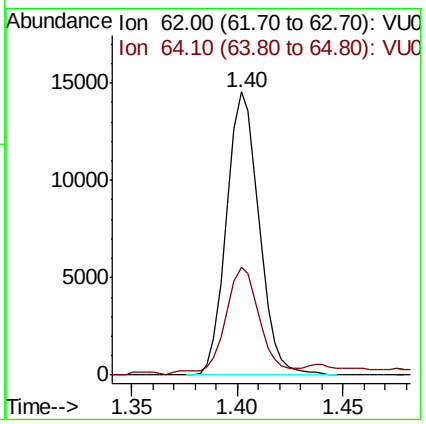


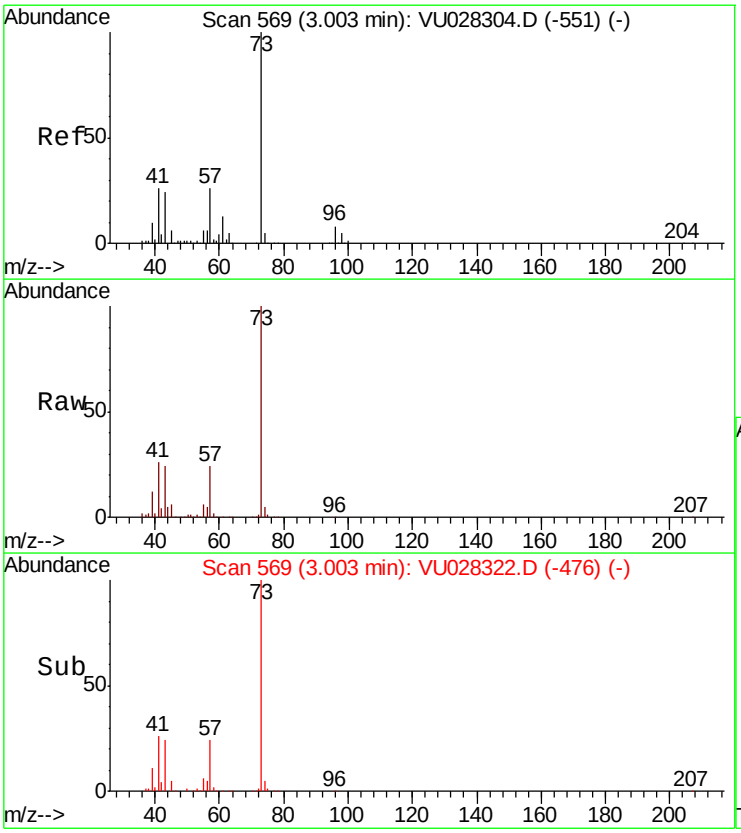
#5
Vinyl chloride
Concen: 0.913 ug/L
RT: 1.40 min Scan# 71
Delta R.T. -0.00 min
Lab File: VU028322.D
Acq: 21 Nov 2018 16:14

Instrument :
MSVOA_U
ClientSampleId :
H0FL9DL

Tgt Ion: 62 Resp: 15572

Ion	Ratio	Lower	Upper
62	100		
64	38.1	21.7	40.3

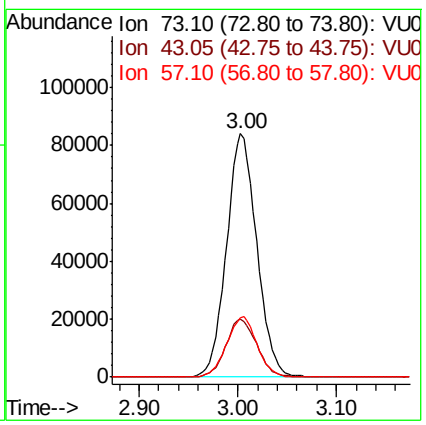


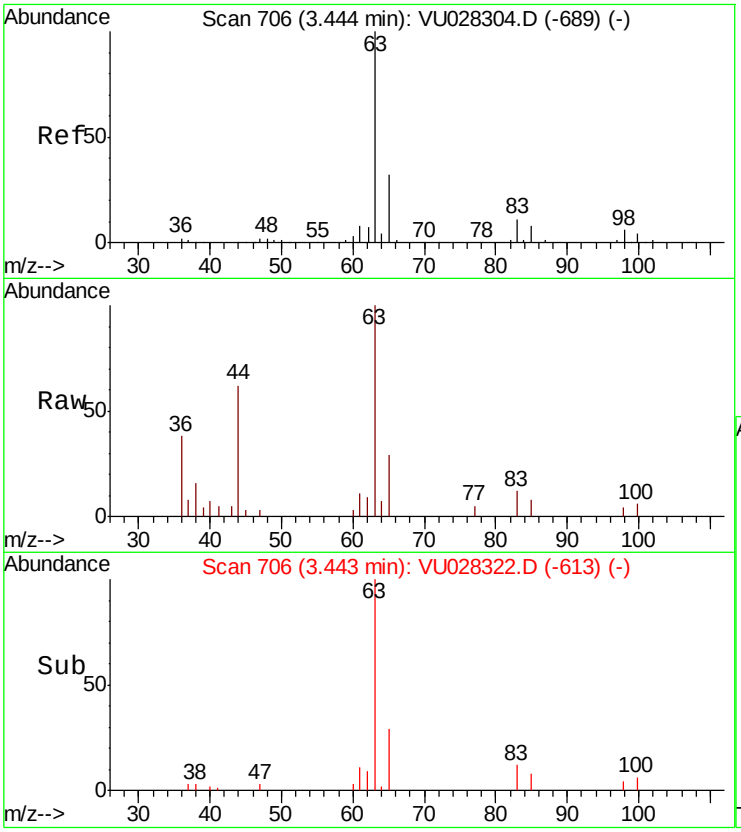


#17
Methyl tert-butyl Ether
Concen: 5.782 ug/L
RT: 3.00 min Scan# 569
Delta R.T. -0.00 min
Lab File: VU028322.D
Acq: 21 Nov 2018 16:14

Tgt Ion: 73 Resp: 179746

Ion	Ratio	Lower	Upper
73	100		
43	23.8	18.8	28.2
57	24.9	19.2	28.8





#19
1,1-Dichloroethane
Concen: 0.339 ug/L
RT: 3.44 min Scan# 706
Delta R.T. -0.00 min
Lab File: VU028322.D
Acq: 21 Nov 2018 16:14

Instrument :
MSVOA_U
ClientSampleId :
H0FL9DL

Tgt Ion: 63 Resp: 8671

Ion	Ratio	Lower	Upper
63	100		
65	28.6	21.2	39.4
83	12.1	8.8	16.4