Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101119\
Data File : VU035073.D
Acq On : 11 Oct 2019 01:53
Operator : JC/SP
Sample : K5309-11 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : RD-13-001-01

Quant Time: Oct 11 06:56:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 04:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	156490	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	165126	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	63509	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	35902	3.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.60%			
7) Chloroethane-d5	1.67	69	37758	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.40%			
11) 1,1-Dichloroethene-d2	2.26	63	56578	2.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.00%#			
20) 2-Butanone-d5	4.17	46	163178	59.90	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.80%			
24) Chloroform-d	4.62	84	82257	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.29	65	53603	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.40%			
32) Benzene-d6	5.32	84	167411	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.40%			
36) 1,2-Dichloropropane-d6	6.31	67	63876	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.55	98	144092	3.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.00%			
43) trans-1,3-Dichloropropene-	7.84	79	18441	3.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.20%			
46) 2-Hexanone-d5	8.30	63	111941	50.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.04%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57667	5.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.80%			
64) 1,2-Dichlorobenzene-d4	11.84	152	57273	5.35	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.00%			
Target Compounds						Qvalue
16) Methylene chloride	2.69	84	2930	0.235	ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	6924	0.643	ug/L	92
25) Chloroform	4.65	83	15474	0.644	ug/L	98

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

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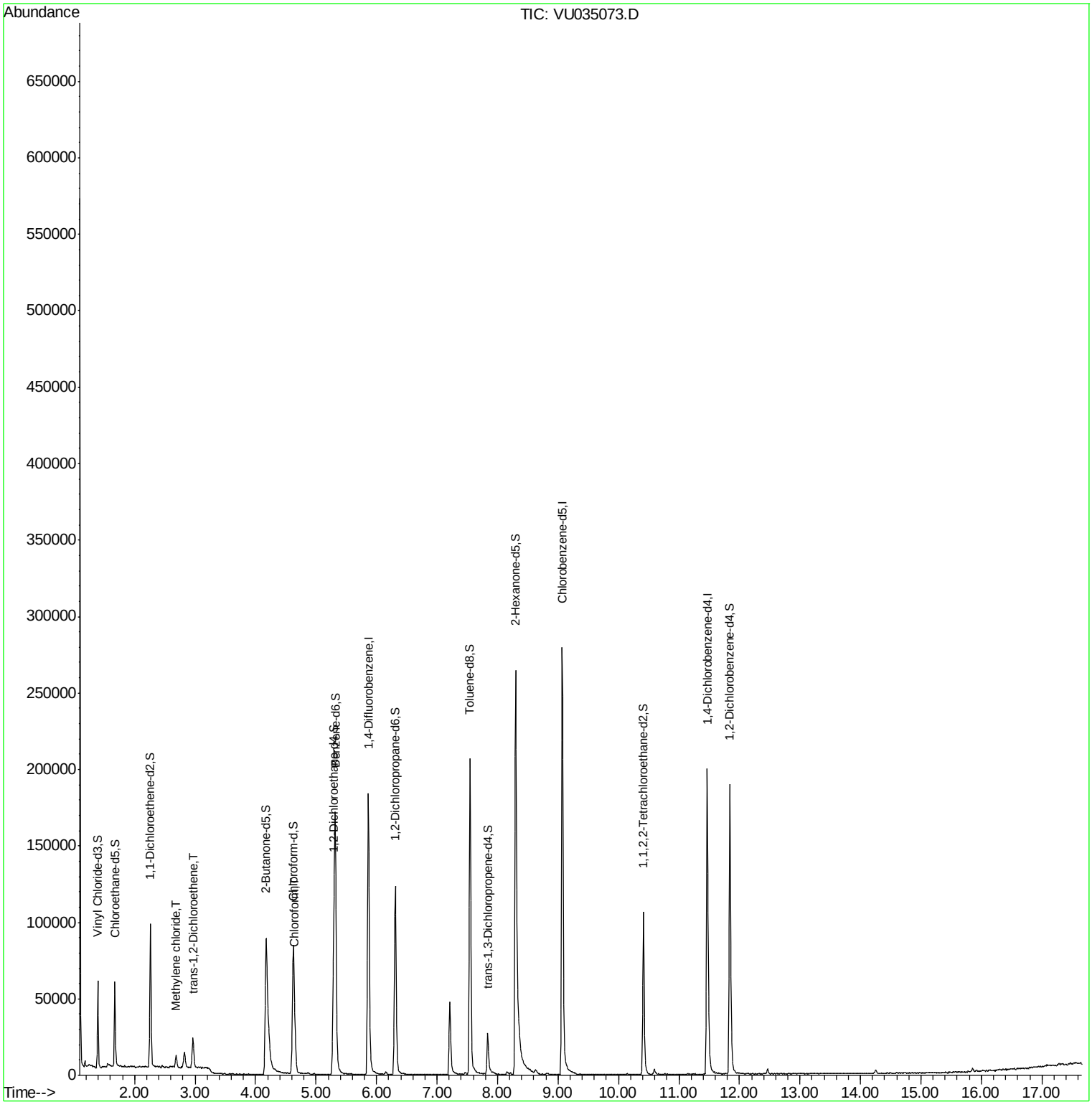
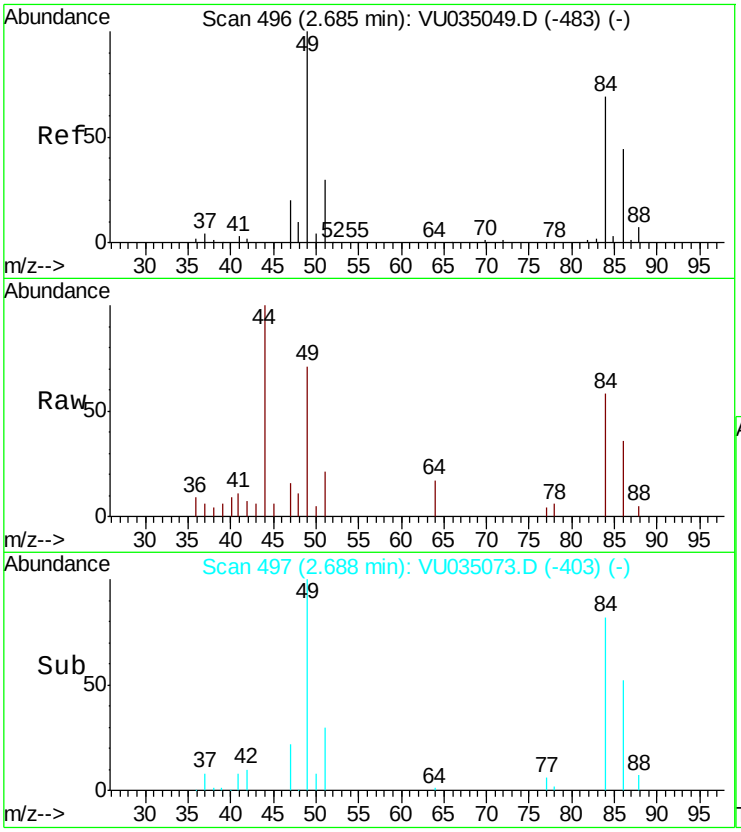


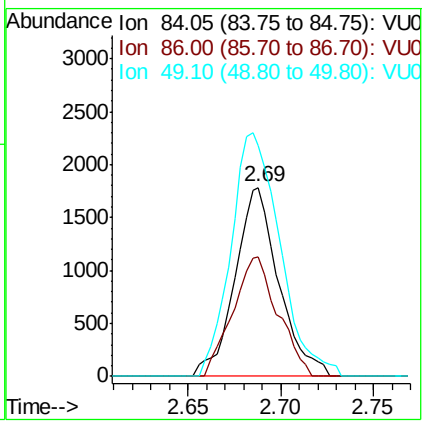


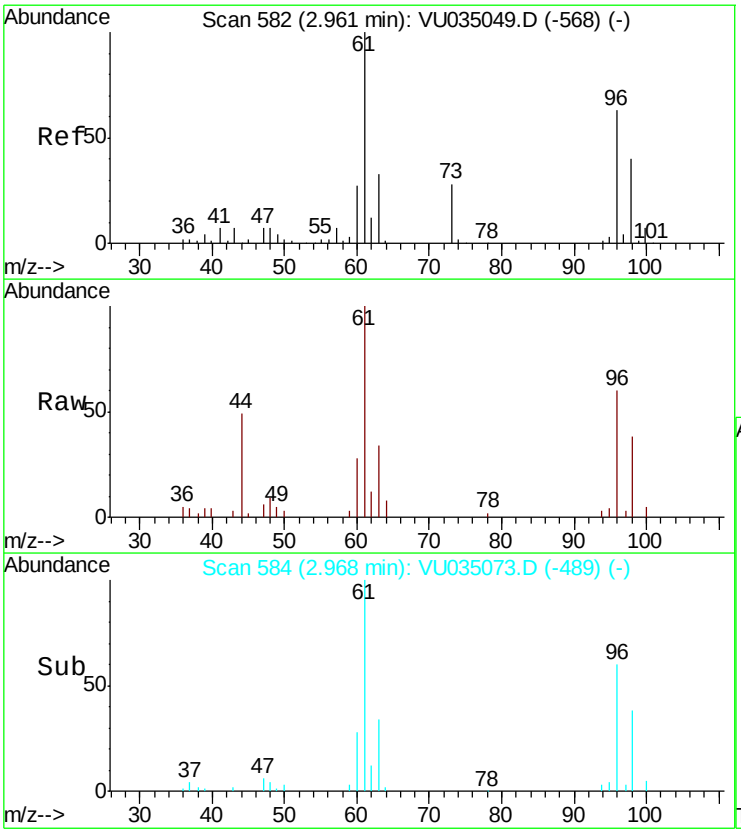
#16
Methylene chloride
Concen: 0.235 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU035073.D
Acq: 11 Oct 2019 01:53

Instrument :
MSVOA_U
ClientSampleId :
RD-13-001-01

Tgt Ion: 84 Resp: 2930

Ion	Ratio	Lower	Upper
84	100		
86	63.1	42.5	78.9
49	122.1	86.9	161.3

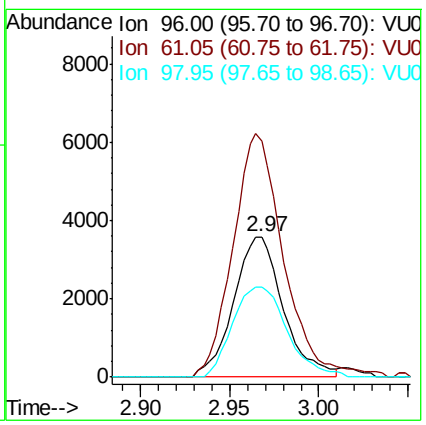


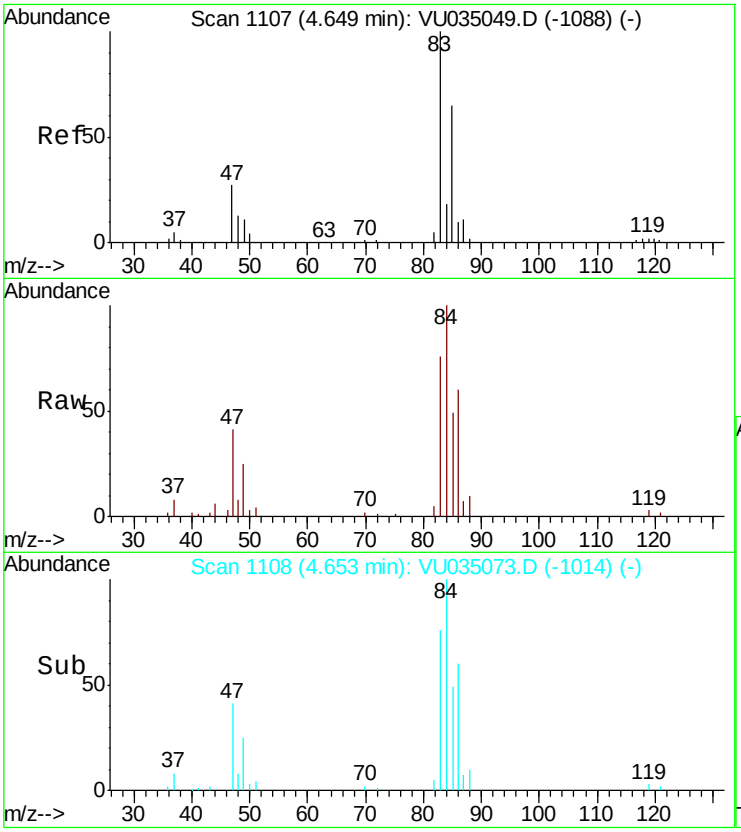


#18
trans-1,2-Dichloroethene
Concen: 0.643 ug/L
RT: 2.97 min Scan# 584
Delta R.T. 0.01 min
Lab File: VU035073.D
Acq: 11 Oct 2019 01:53

Tgt Ion: 96 Resp: 6924

Ion	Ratio	Lower	Upper
96	100		
61	167.9	107.1	198.9
98	64.4	45.4	84.4





#25
Chloroform
Concen: 0.644 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035073.D
Acq: 11 Oct 2019 01:53

Tgt Ion: 83 Resp: 15474

Ion	Ratio	Lower	Upper
83	100		
85	63.4	45.4	84.4

Instrument :
MSVOA_U
ClientSampleId :
RD-13-001-01