Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121819\
Data File : VU036271.D
Acq On : 18 Dec 2019 14:22
Operator : JC/MD
Sample : K6275-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 19 01:25:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 19 00:50:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	247874	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	269530	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	103018	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	130721	5.99	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 119.80%			
7) Chloroethane-d5	1.93	69	109733	5.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.20%			
11) 1,1-Dichloroethene-d2	2.59	63	125157	3.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.40%			
20) 2-Butanone-d5	4.69	46	187860	45.94	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.88%			
24) Chloroform-d	5.11	84	172240	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.75	65	89177	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.77	84	326383	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.73	67	104975	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	7.93	98	260138	4.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.60%			
43) trans-1,3-Dichloropropene-	8.21	79	39209	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
46) 2-Hexanone-d5	8.67	63	152019	45.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.52%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	88074	4.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	96002	4.87	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	4063	0.123	ug/L #	46
16) Methylene chloride	3.08	84	14763	0.546	ug/L	91
22) cis-1,2-Dichloroethene	4.72	96	22630	1.095	ug/L	95
34) Trichloroethene	6.58	95	165194	7.735	ug/L	97

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

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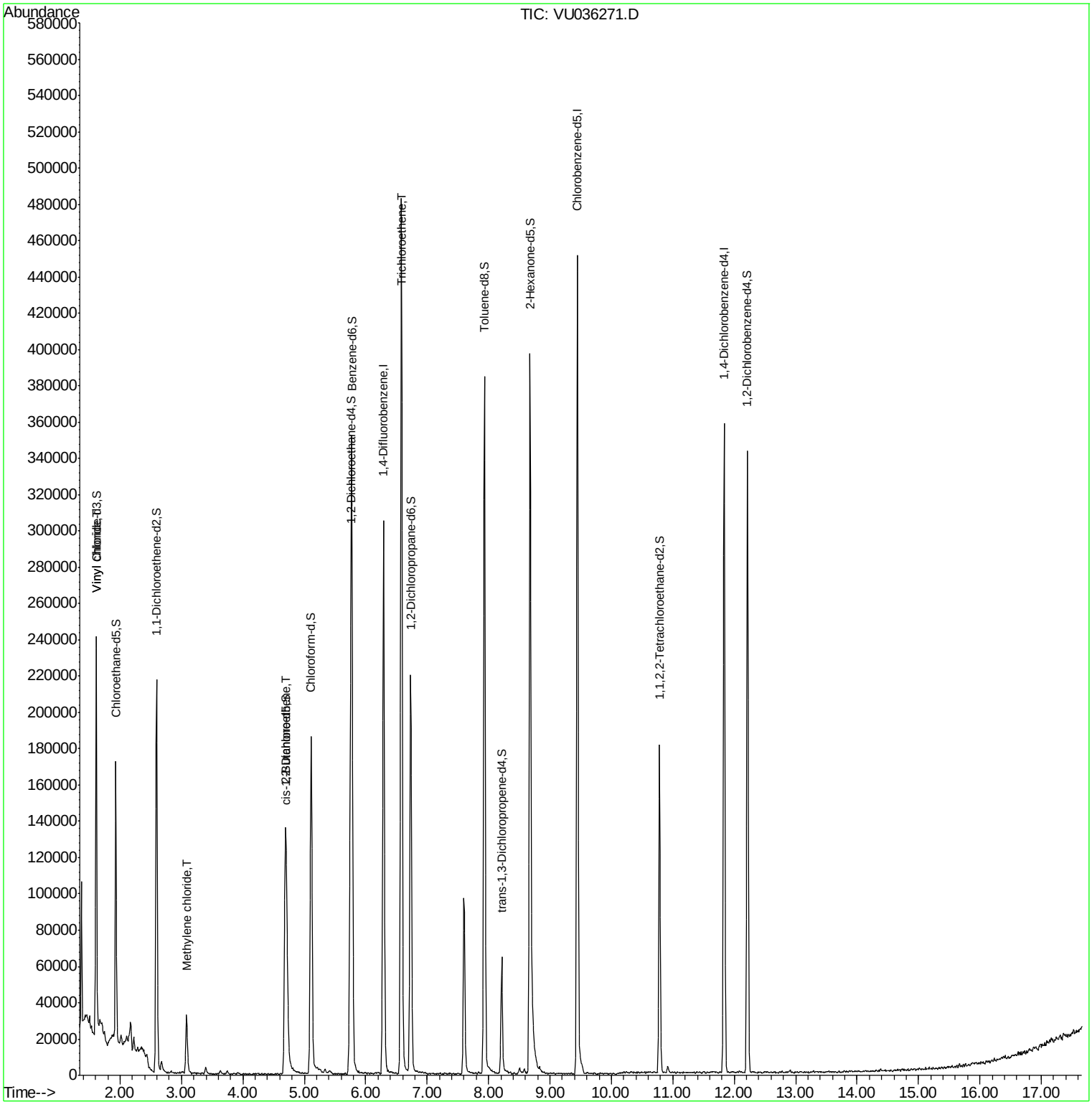
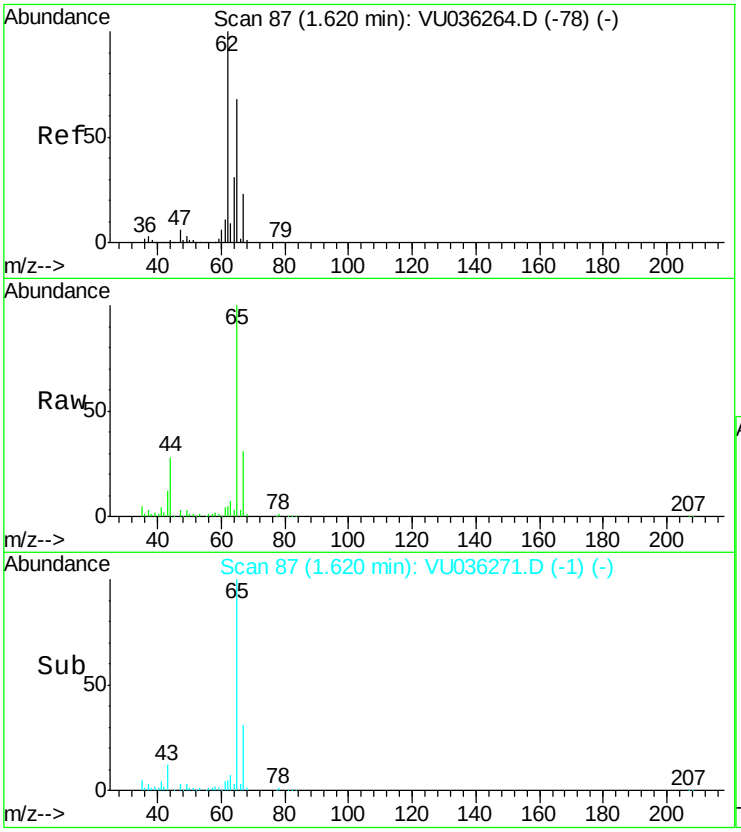
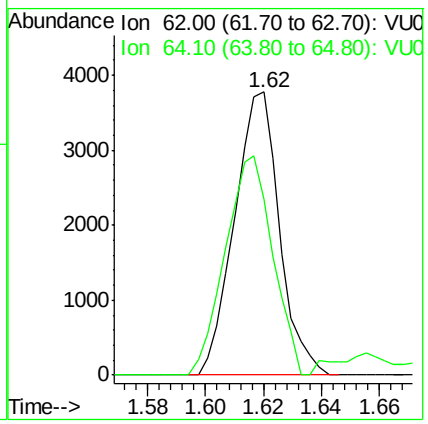


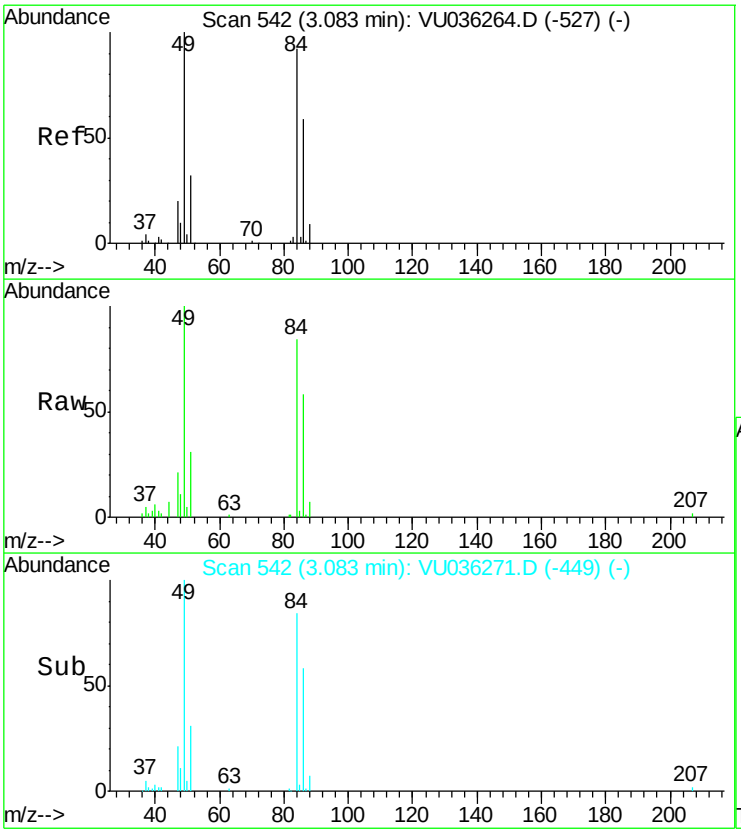


#5
Vinyl chloride
Concen: 0.123 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU036271.D
Acq: 18 Dec 2019 14:22

Tgt Ion: 62 Resp: 4063

Ion	Ratio	Lower	Upper
62	100		
64	62.3	22.4	41.6#

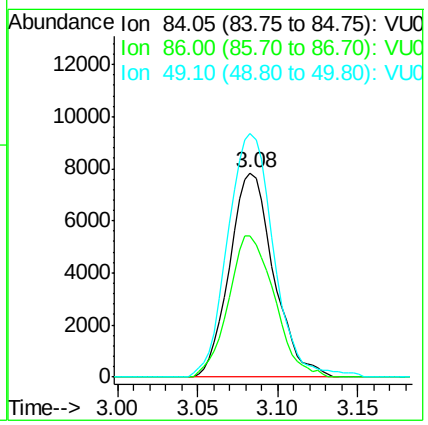


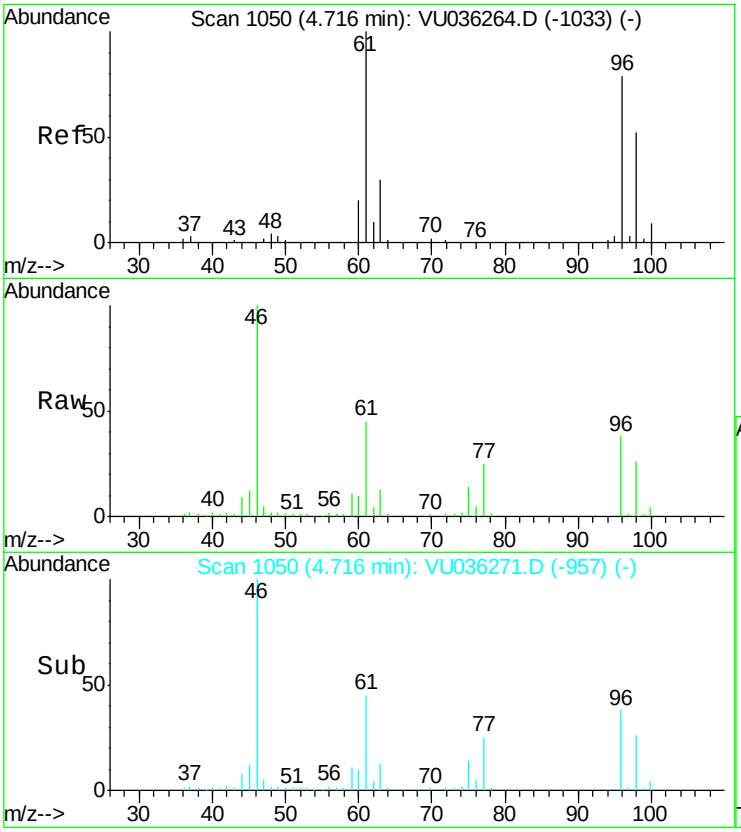


#16
Methylene chloride
Concen: 0.546 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036271.D
Acq: 18 Dec 2019 14:22

Tgt Ion: 84 Resp: 14763

Ion	Ratio	Lower	Upper
84	100		
86	68.9	43.0	79.8
49	119.1	77.3	143.5

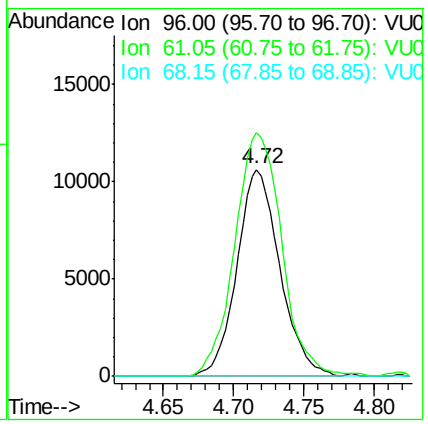


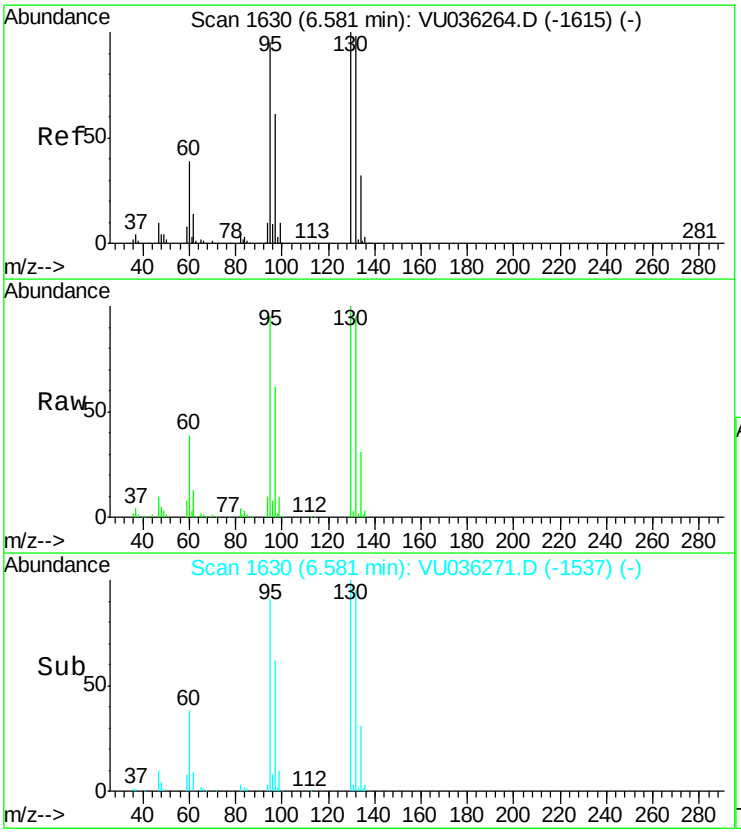


#22
cis-1,2-Dichloroethene
Concen: 1.095 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036271.D
Acq: 18 Dec 2019 14:22

Tgt Ion: 96 Resp: 22630

Ion	Ratio	Lower	Upper
96	100		
61	117.9	86.7	161.1
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 7.735 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036271.D
Acq: 18 Dec 2019 14:22

Tgt Ion: 95 Resp: 165194

Ion	Ratio	Lower	Upper
95	100		
97	65.4	43.6	81.0
132	100.0	69.6	129.2
130	105.8	70.3	130.7