Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121019\
Data File : VU036112.D
Acq On : 11 Dec 2019 03:46
Operator : JC/MD
Sample : K6240-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFQT1

Quant Time: Dec 23 02:41:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 07:30:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	260176	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	282664	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	109329	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	118683	5.12	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.40%			
7) Chloroethane-d5	1.93	69	116698	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.80%			
11) 1,1-Dichloroethene-d2	2.59	63	133351	3.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.80%			
20) 2-Butanone-d5	4.70	46	258255	65.35	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 130.70%#			
24) Chloroform-d	5.11	84	194546	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
26) 1,2-Dichloroethane-d4	5.75	65	102742	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.40%			
32) Benzene-d6	5.77	84	363559	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
36) 1,2-Dichloropropane-d6	6.73	67	120932	5.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.00%			
41) Toluene-d8	7.93	98	286578	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%			
43) trans-1,3-Dichloropropene-	8.21	79	39305	4.37	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.40%			
46) 2-Hexanone-d5	8.68	63	204820	62.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 125.90%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	112142	5.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.00%			
64) 1,2-Dichlorobenzene-d4	12.22	152	112722	5.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	5004	0.192	ug/L #	1
13) Acetone	2.69	43	12681	2.528	ug/L	65
42) Toluene	8.00	91	9660	0.117	ug/L	90
51) Chlorobenzene	9.48	112	454507	7.871	ug/L	97

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

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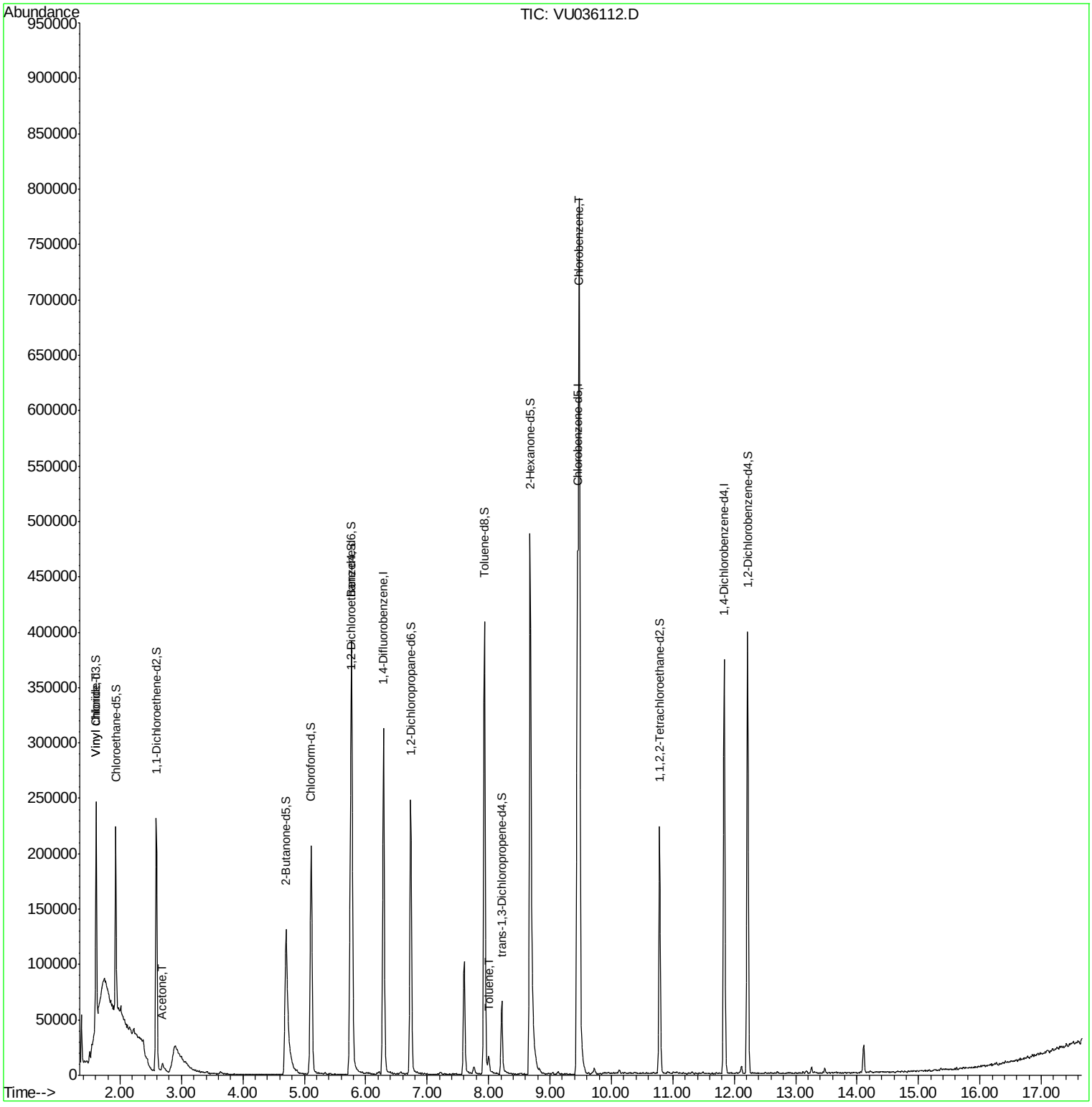
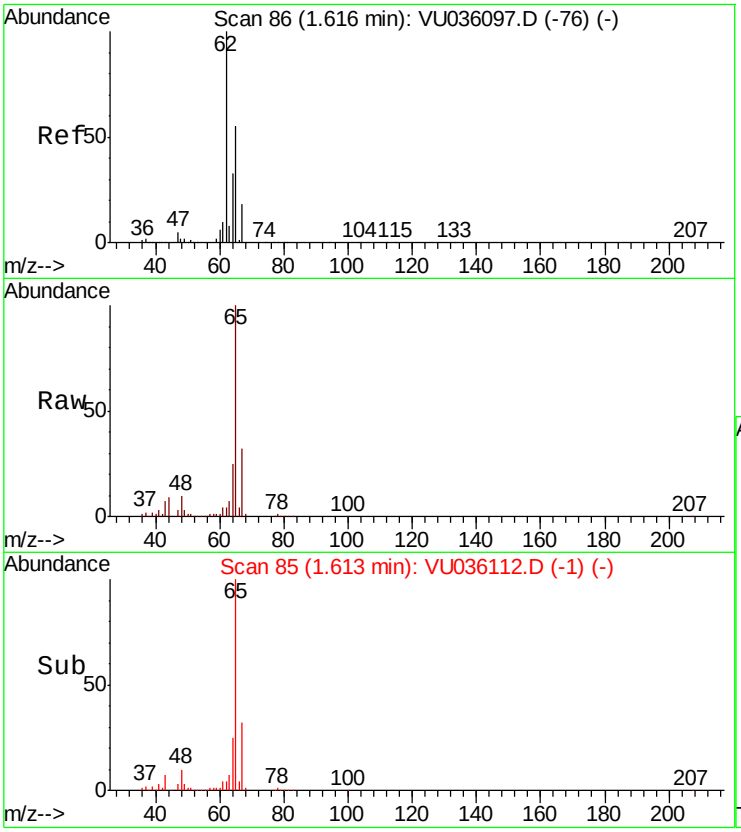


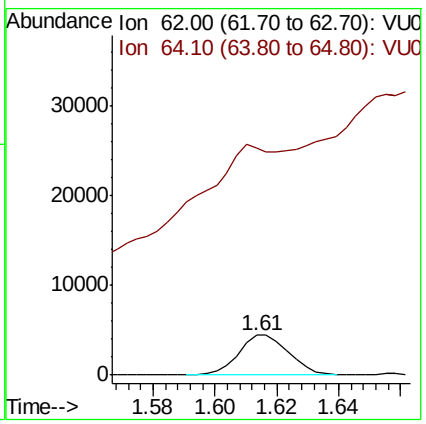


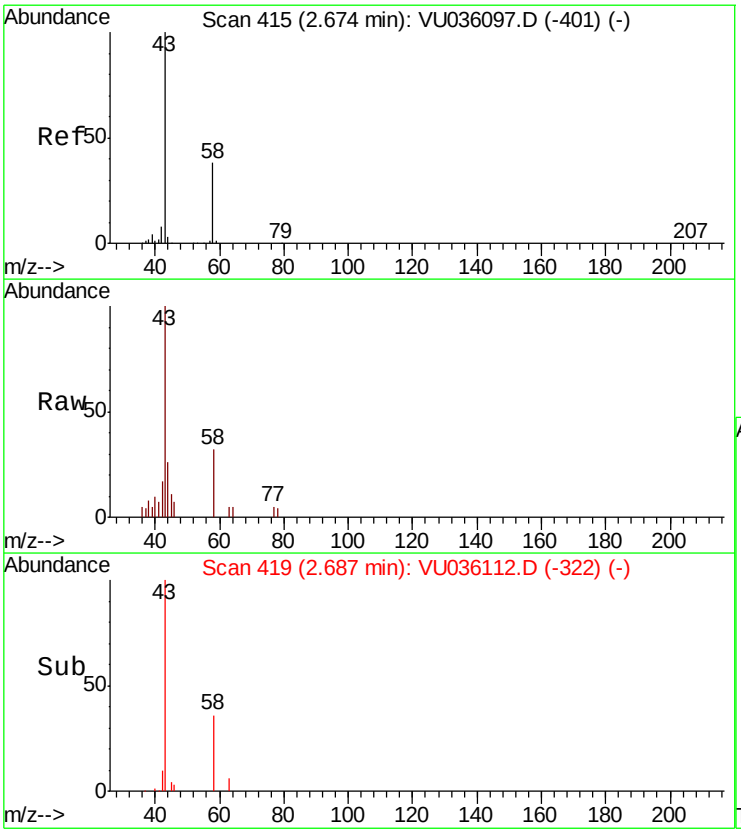
#5
Vinyl chloride
Concen: 0.192 ug/L
RT: 1.61 min Scan# 85
Delta R.T. -0.00 min
Lab File: VU036112.D
Acq: 11 Dec 2019 03:46

Instrument : MSVOA_U
ClientSampleId : BFQT1

Tgt Ion: 62 Resp: 5004

Ion	Ratio	Lower	Upper
62	100		
64	568.1	24.3	45.1#

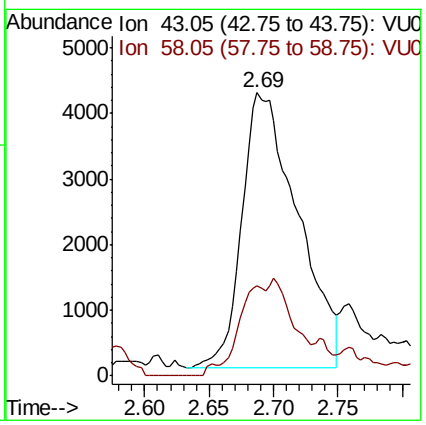


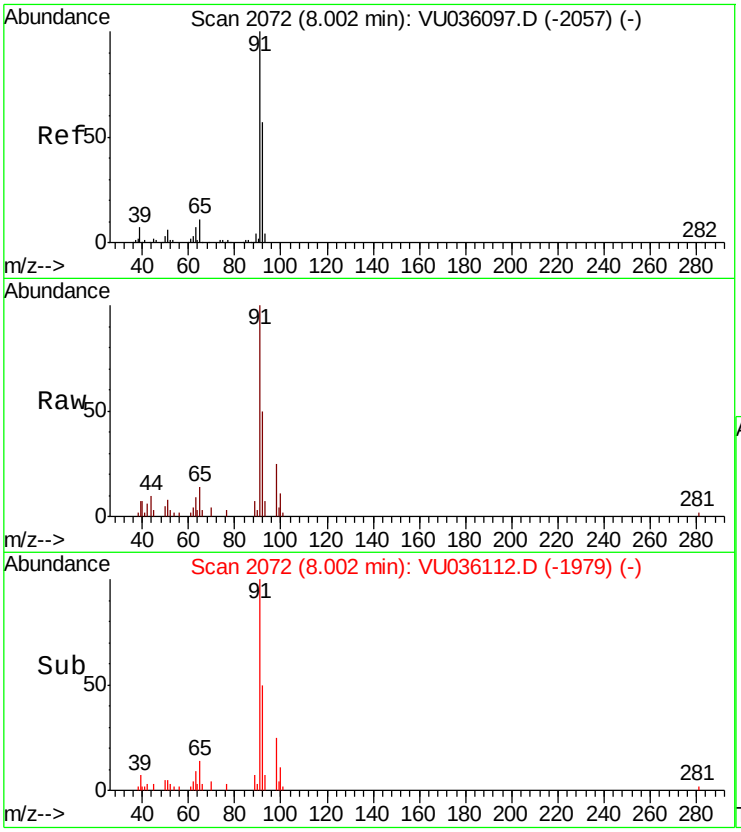


#13
Acetone
Concen: 2.528 ug/L
RT: 2.69 min Scan# 419
Delta R.T. 0.01 min
Lab File: VU036112.D
Acq: 11 Dec 2019 03:46

Tgt Ion: 43 Resp: 12681

Ion	Ratio	Lower	Upper
43	100		
58	16.5	0.0	74.2



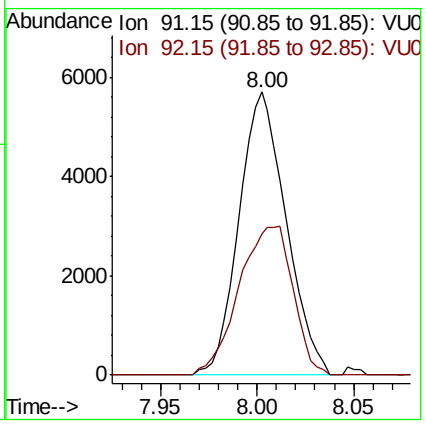


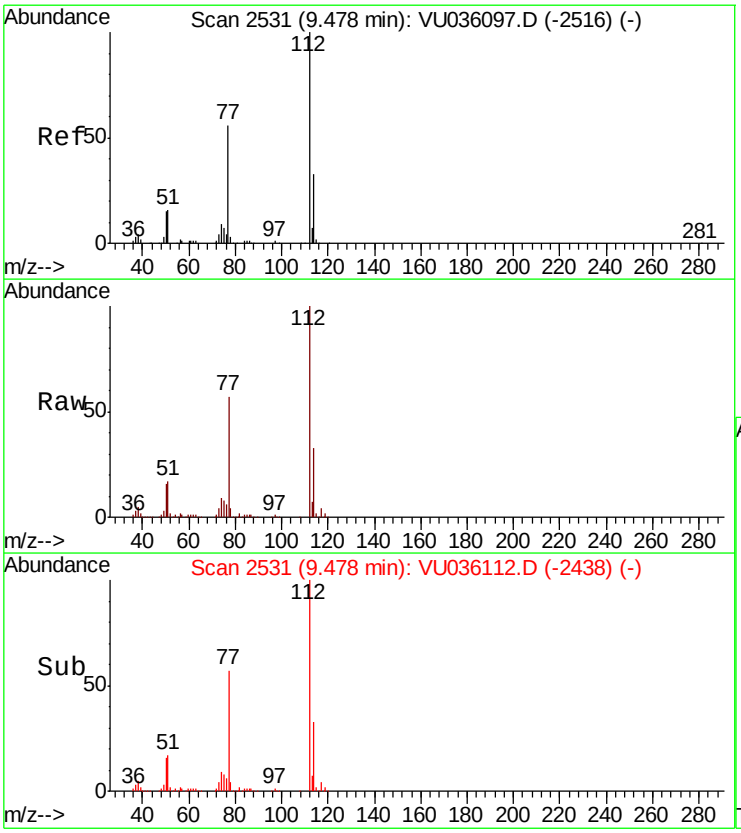
#42
Toluene
Concen: 0.117 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU036112.D
Acq: 11 Dec 2019 03:46

Instrument : MSVOA_U
ClientSampleId : BFQT1

Tgt Ion: 91 Resp: 9660

Ion	Ratio	Lower	Upper
91	100		
92	50.0	40.0	74.4





#51
Chlorobenzene
Concen: 7.871 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU036112.D
Acq: 11 Dec 2019 03:46

Tgt Ion:112 Resp: 454507

Ion	Ratio	Lower	Upper
112	100		
114	33.5	22.3	41.5
77	56.6	43.8	65.8