Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122118\
Data File : VU028870.D
Acq On : 21 Dec 2018 13:46
Operator : MD/SY
Sample : J6468-16ME
Misc : 4.68g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH2ME

Quant Time: Dec 28 06:42:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 23:27:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	192459	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	185405	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90333	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	45333	29.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 58.76%#			
7) Chloroethane-d5	1.64	69	28500	23.91	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 47.82%#			
11) 1,1-Dichloroethene-d2	2.22	63	61640	23.76	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 47.52%#			
21) 2-Butanone-d5	4.20	46	101425	93.82	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.82%			
24) Chloroform-d	4.64	84	89545	36.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 73.82%			
26) 1,2-Dichloroethane-d4	5.30	65	57775	38.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.26%			
32) Benzene-d6	5.33	84	189415	36.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 72.32%			
36) 1,2-Dichloropropane-d6	6.32	67	68976	38.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 77.52%			
41) Toluene-d8	7.56	98	164162	34.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 69.16%#			
43) trans-1,3-Dichloropropene-	7.85	79	29994	37.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.24%			
47) 2-Hexanone-d5	8.32	63	85891	101.63	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.63%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	115013	46.59	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.18%			
64) 1,2-Dichlorobenzene-d4	11.86	152	72701	39.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.58%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	11382	6.038	ug/L	87
17) trans-1,2-Dichloroethene	2.95	96	11622	8.693	ug/L	93
20) cis-1,2-Dichloroethene	4.21	96	177434	117.160	ug/L	98
34) Trichloroethene	6.18	95	80029	56.159	ug/L	96
42) Toluene	7.64	91	43799	7.320	ug/L	98
53) m,p-Xylene	9.38	106	3921	1.649	ug/L	92

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

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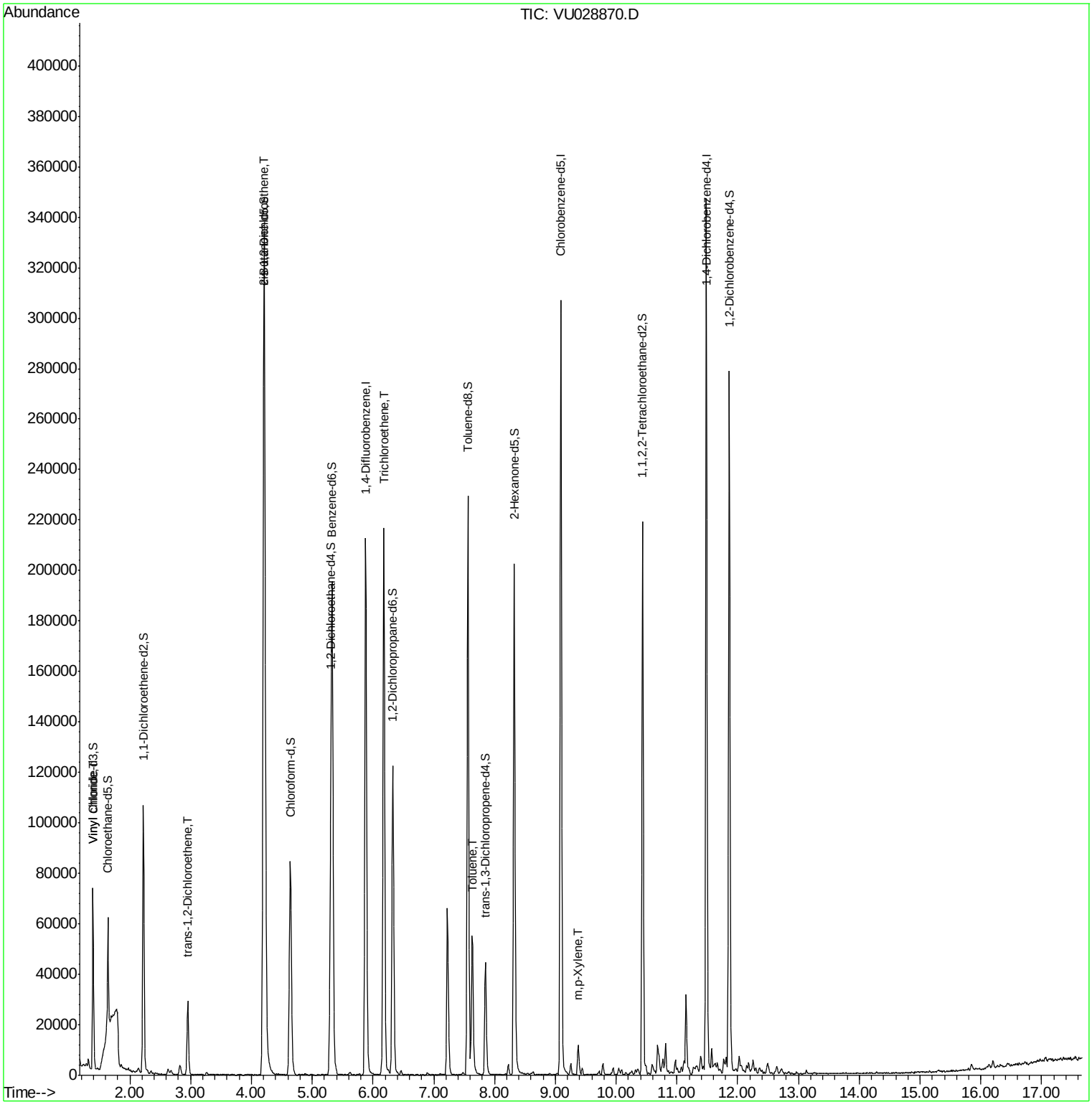
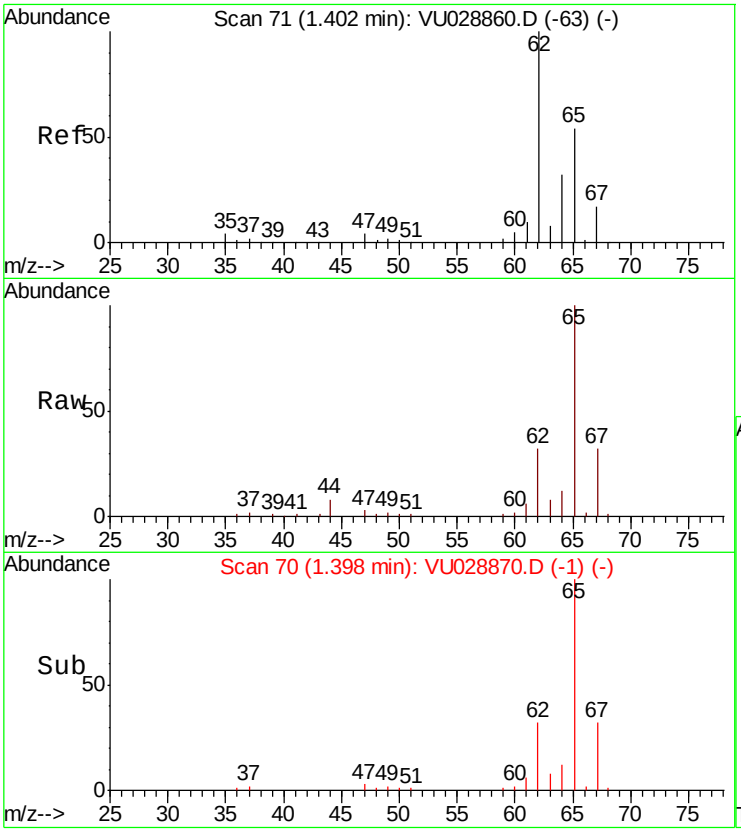


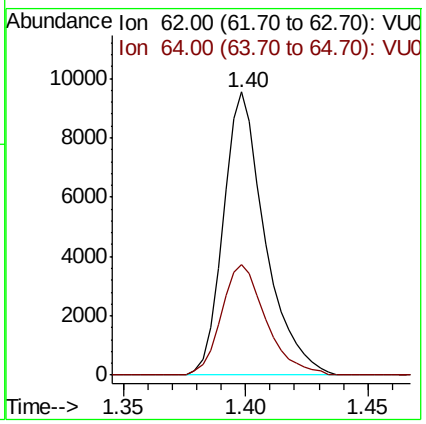


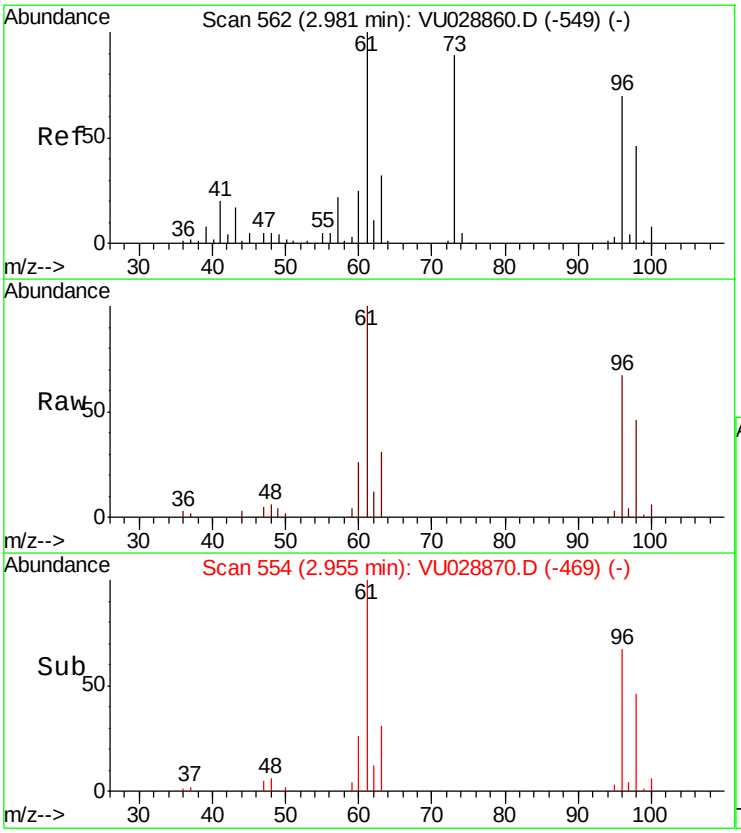
#5
Vinyl chloride
Concen: 6.038 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.00 min
Lab File: VU028870.D
Acq: 21 Dec 2018 13:46

Instrument :
MSVOA_U
ClientSampleId :
C0JH2ME

Tgt Ion: 62 Resp: 11382

Ion	Ratio	Lower	Upper
62	100		
64	39.0	22.3	41.3

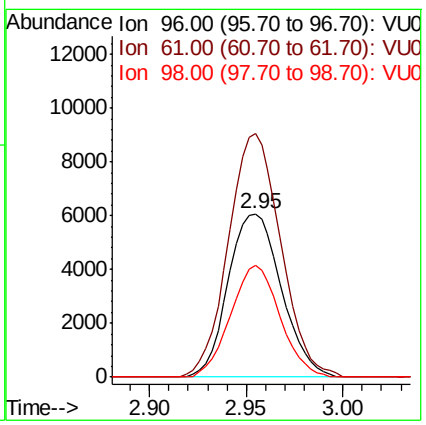


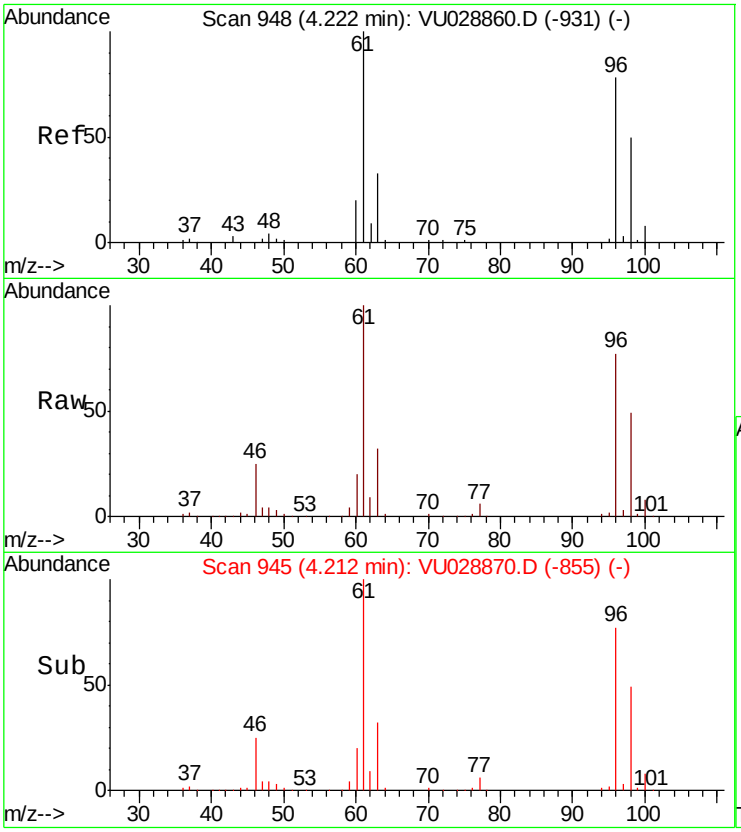


#17
trans-1,2-Dichloroethene
Concen: 8.693 ug/L
RT: 2.95 min Scan# 554
Delta R.T. -0.03 min
Lab File: VU028870.D
Acq: 21 Dec 2018 13:46

Tgt Ion: 96 Resp: 11622

Ion	Ratio	Lower	Upper
96	100		
61	149.3	97.9	181.7
98	68.3	44.1	81.9



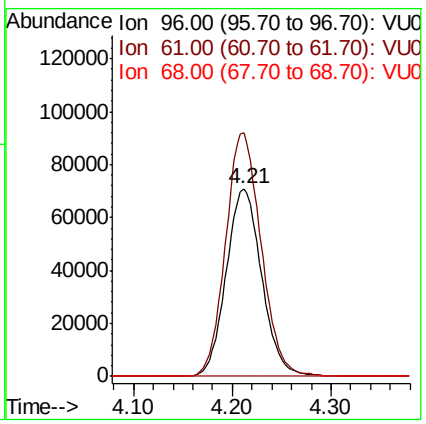


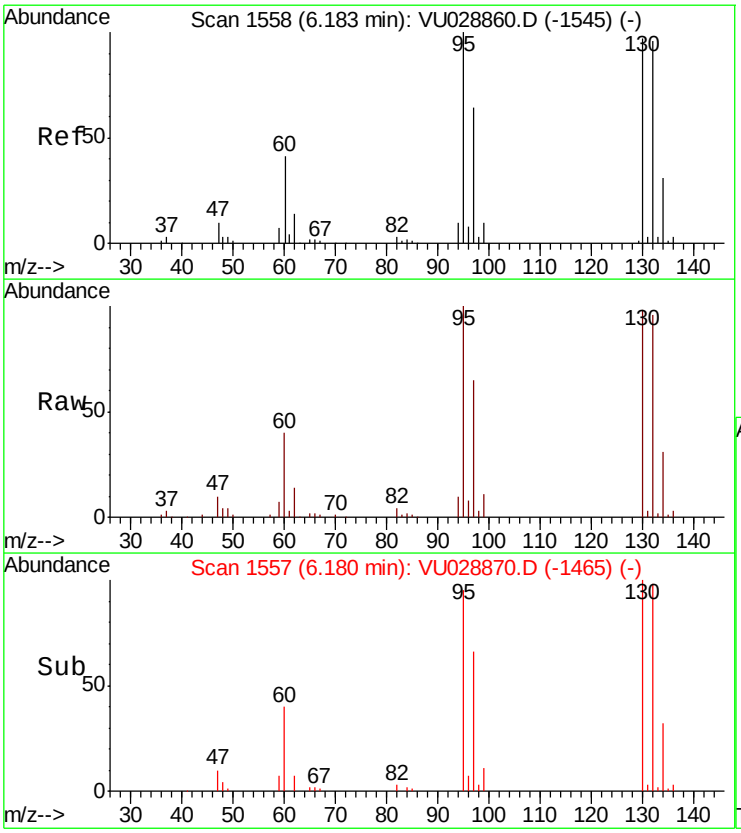
#20
cis-1,2-Dichloroethene
Concen: 117.160 ug/L
RT: 4.21 min Scan# 945
Delta R.T. -0.01 min
Lab File: VU028870.D
Acq: 21 Dec 2018 13:46

Instrument :
MSVOA_U
ClientSampleId :
C0JH2ME

Tgt Ion: 96 Resp: 177434

Ion	Ratio	Lower	Upper
96	100		
61	129.8	92.1	171.1
68	0.0	0.0	0.0

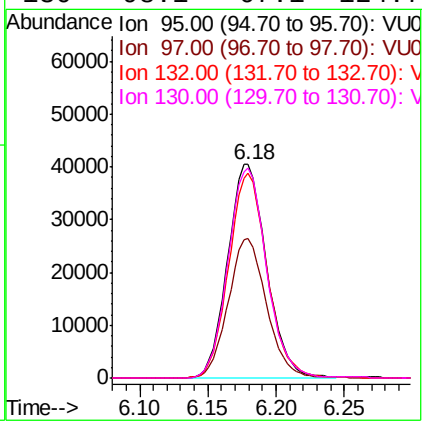


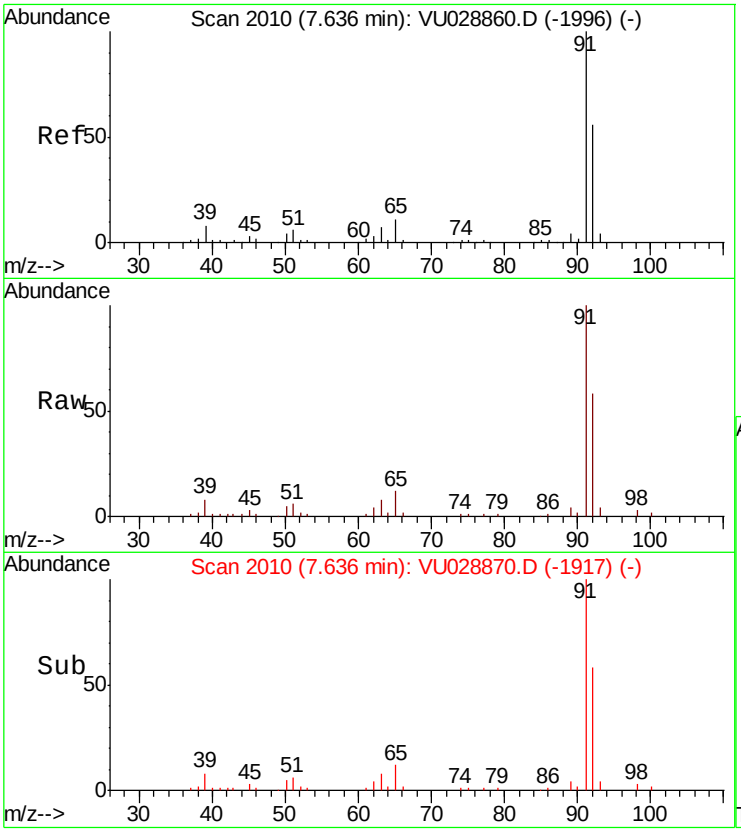


#34
Trichloroethene
Concen: 56.159 ug/L
RT: 6.18 min Scan# 1557
Delta R.T. -0.00 min
Lab File: VU028870.D
Acq: 21 Dec 2018 13:46

Tgt Ion: 95 Resp: 80029

Ion	Ratio	Lower	Upper
95	100		
97	65.2	43.3	80.3
132	96.1	64.2	119.2
130	98.1	67.1	124.7



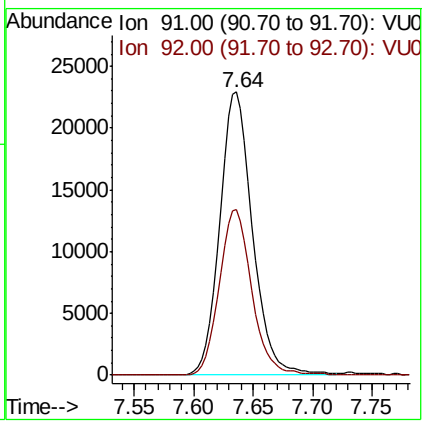


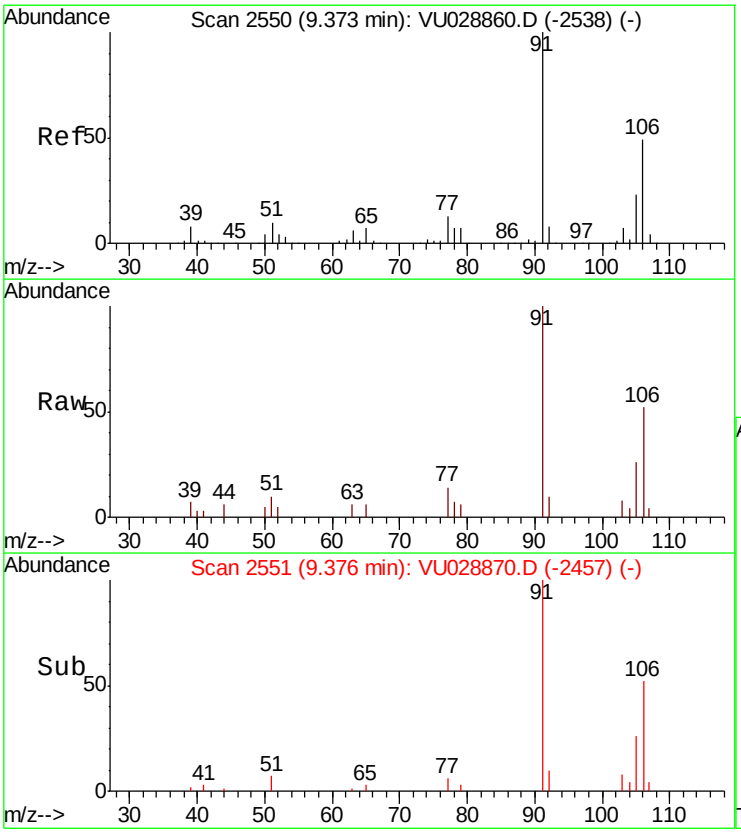
#42
Toluene
Concen: 7.320 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028870.D
Acq: 21 Dec 2018 13:46

Instrument : MSVOA_U
ClientSampleId : C0JH2ME

Tgt Ion: 91 Resp: 43799

Ion	Ratio	Lower	Upper
91	100		
92	58.3	39.9	74.1





#53
m,p-Xylene
Concen: 1.649 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028870.D
Acq: 21 Dec 2018 13:46

Tgt Ion:106 Resp: 3921

Ion	Ratio	Lower	Upper
106	100		
91	193.8	144.1	267.5