Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050418\
Data File : VU023616.D
Acq On : 03 May 2018 22:11
Operator : MD/SY
Sample : J2630-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 04 04:56:49 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 04:44:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	93560	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	81980	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	32297	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	39426	5.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 116.20%			
7) Chloroethane-d5	1.68	69	32886	6.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 130.40%#			
11) 1,1-Dichloroethene-d2	2.27	63	38906	3.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.20%			
20) 2-Butanone-d5	4.20	46	155535	79.22	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 158.44%#			
24) Chloroform-d	4.65	84	77670	6.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 127.60%#			
26) 1,2-Dichloroethane-d4	5.32	65	47938	7.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 147.00%#			
32) Benzene-d6	5.35	84	135084	6.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 124.20%			
36) 1,2-Dichloropropane-d6	6.34	67	54301	7.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 151.60%#			
41) Toluene-d8	7.57	98	83075	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.20%			
43) trans-1,3-Dichloropropene-	7.86	79	11701	4.43	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.60%			
46) 2-Hexanone-d5	8.32	63	105094	77.72	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 155.44%#			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	46541	8.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 163.20%#			
64) 1,2-Dichlorobenzene-d4	11.87	152	36197	6.03	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 120.60%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	381112	43.57	ug/L	99
13) Acetone	2.33	43	8649	7.71	ug/L	99
16) Methylene chloride	2.70	84	1880	0.30	ug/L	86
18) trans-1,2-Dichloroethene	2.98	96	8819	1.45	ug/L	94
22) cis-1,2-Dichloroethene	4.23	96	862089	119.16	ug/L	98
34) Trichloroethene	6.19	95	1416	0.22	ug/L	92

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

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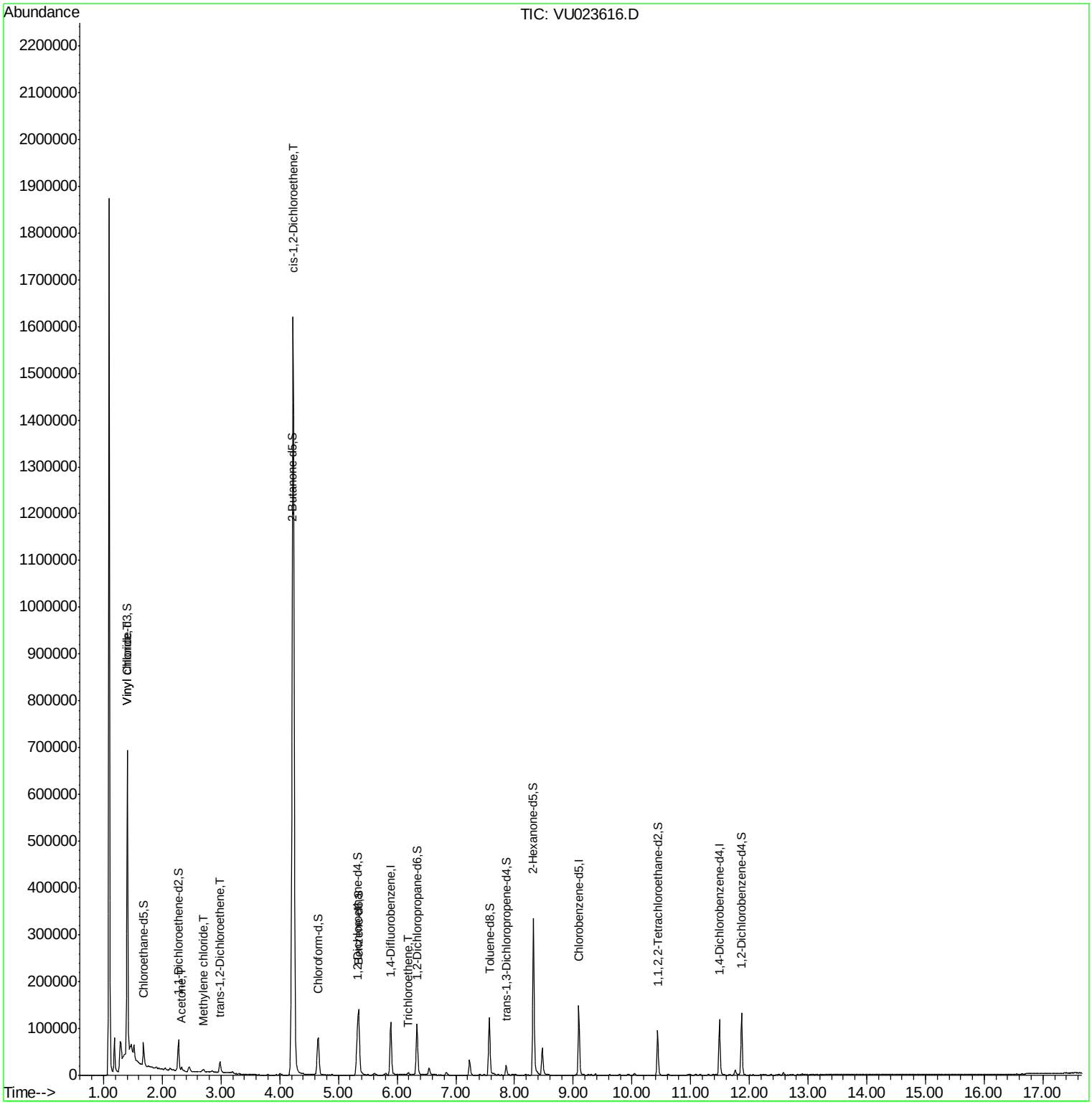
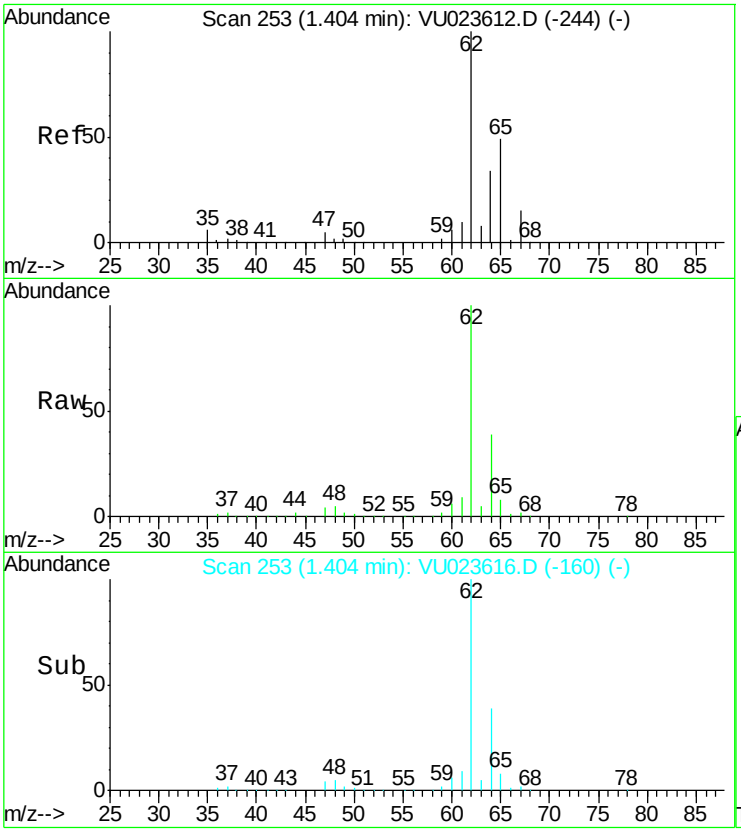
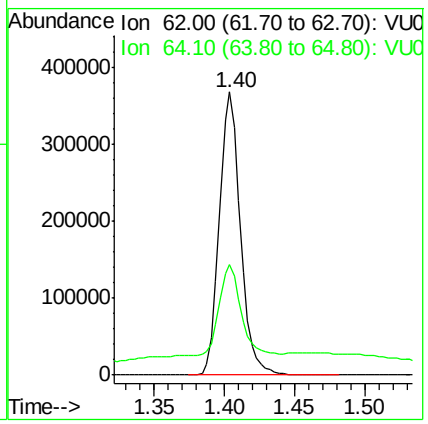


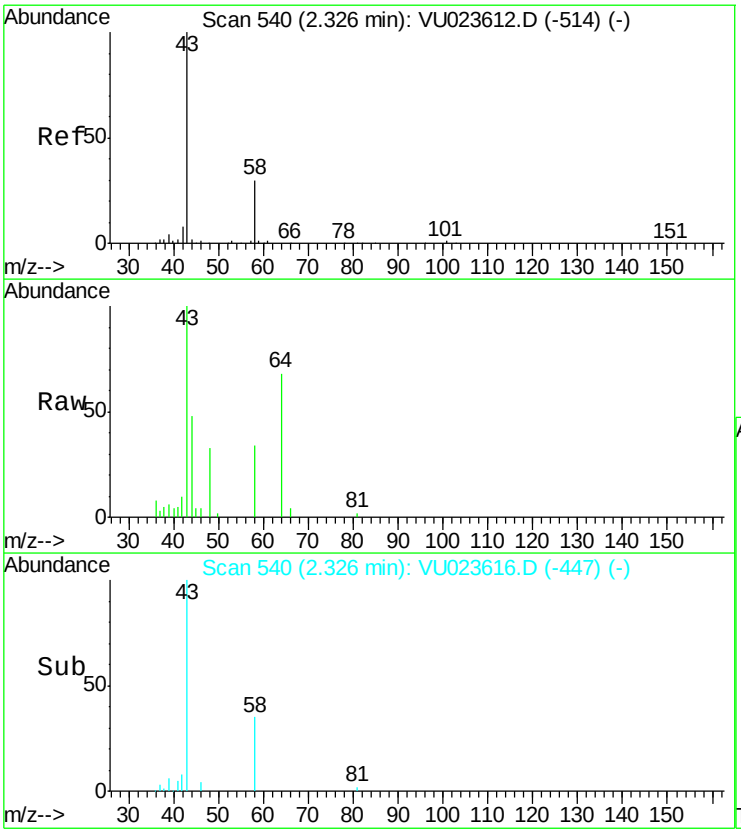


#5
Vinyl chloride
Concen: 43.57 ug/L
RT: 1.40 min Scan# 253
Delta R.T. -0.00 min
Lab File: VU023616.D
Acq: 03 May 2018 22:11

Tgt Ion: 62 Resp: 381112

Ion	Ratio	Lower	Upper
62	100		
64	39.1	26.9	49.9

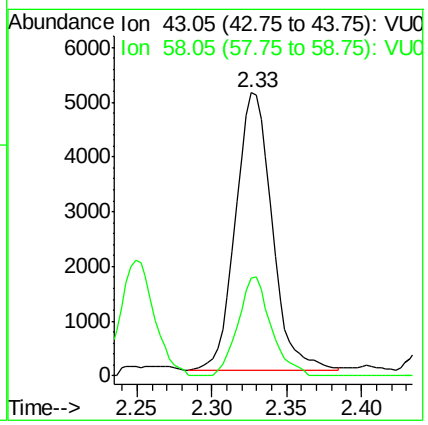


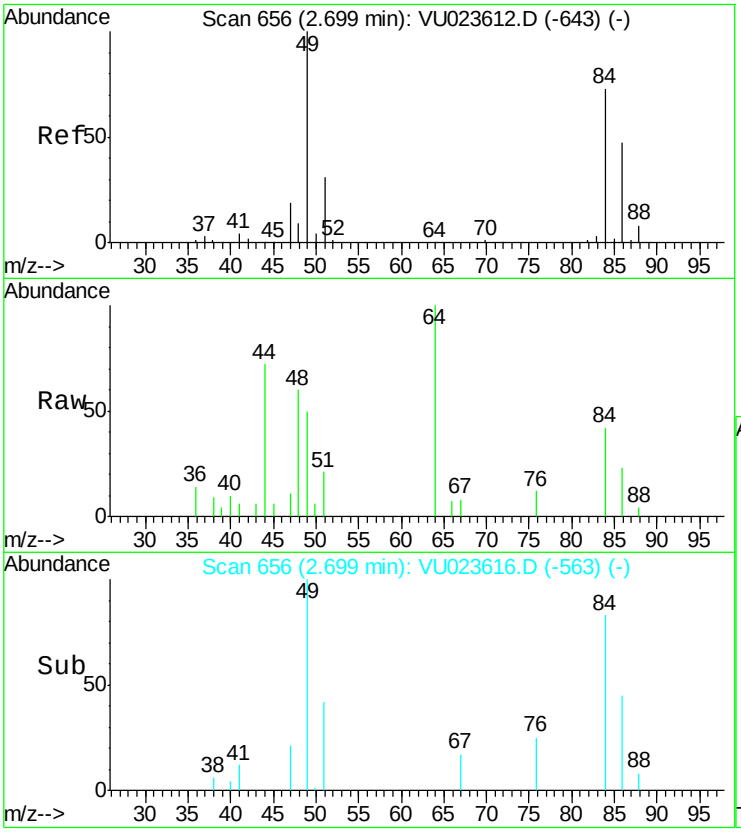


#13
Acetone
Concen: 7.71 ug/L
RT: 2.33 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU023616.D
Acq: 03 May 2018 22:11

Tgt Ion: 43 Resp: 8649

Ion	Ratio	Lower	Upper
43	100		
58	32.2	0.0	63.8

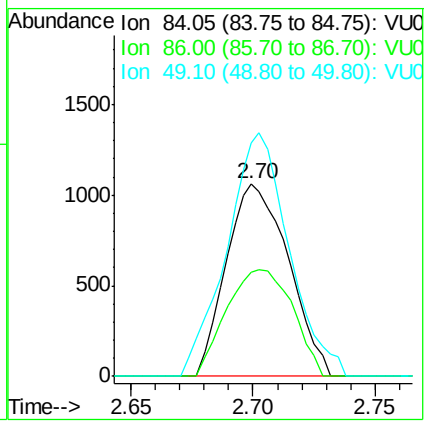


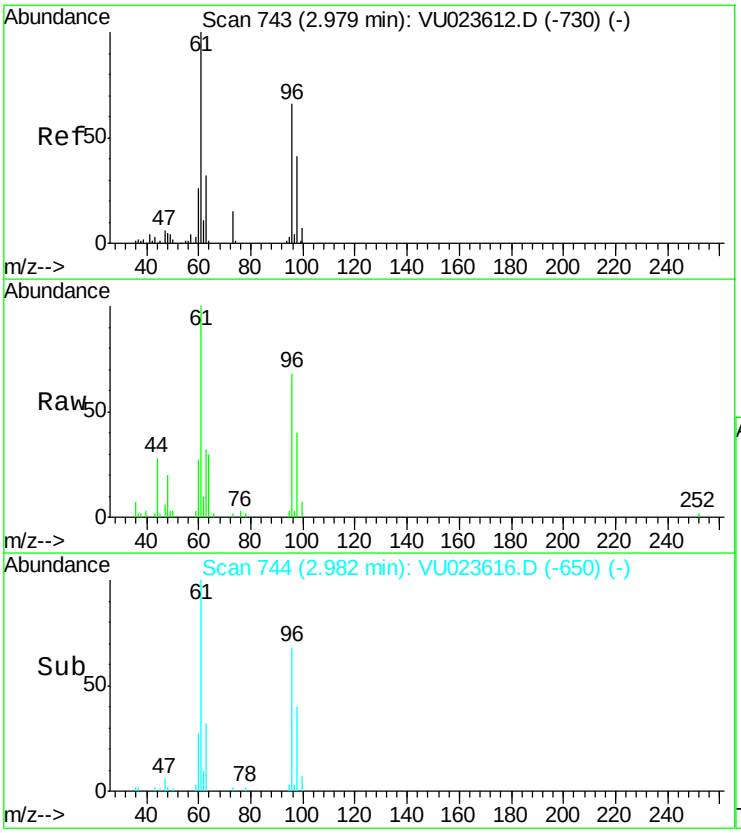


#16
Methylene chloride
Concen: 0.30 ug/L
RT: 2.70 min Scan# 656
Delta R.T. -0.00 min
Lab File: VU023616.D
Acq: 03 May 2018 22:11

Tgt Ion: 84 Resp: 1880

Ion	Ratio	Lower	Upper
84	100		
86	53.9	46.0	85.4
49	120.7	96.0	178.4

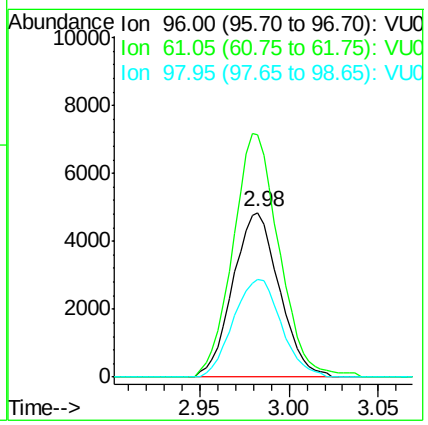


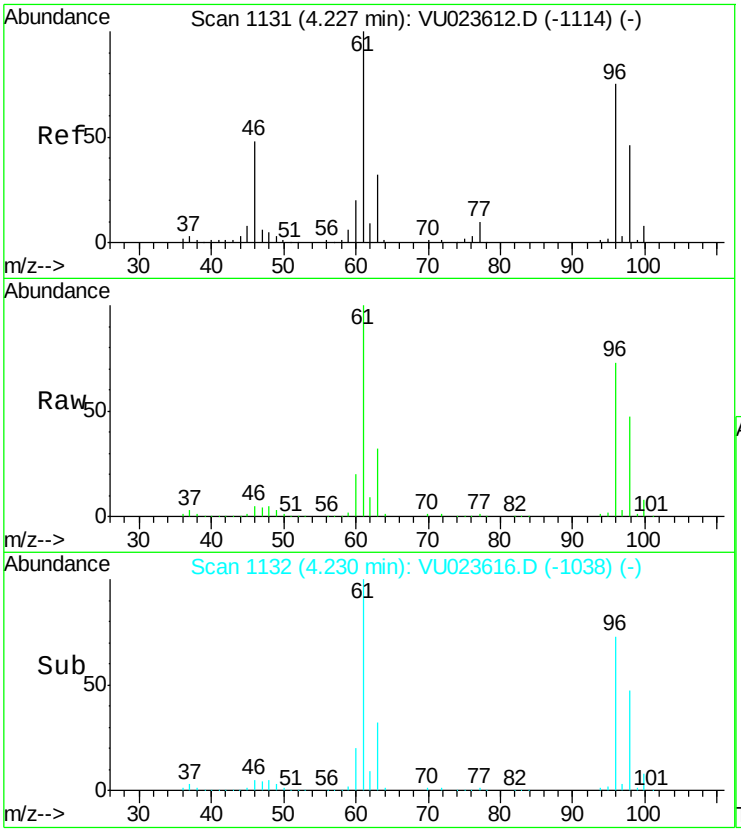


#18
trans-1,2-Dichloroethene
Concen: 1.45 ug/L
RT: 2.98 min Scan# 744
Delta R.T. 0.00 min
Lab File: VU023616.D
Acq: 03 May 2018 22:11

Tgt Ion: 96 Resp: 8819

Ion	Ratio	Lower	Upper
96	100		
61	147.4	109.0	202.4
98	59.7	44.7	83.1

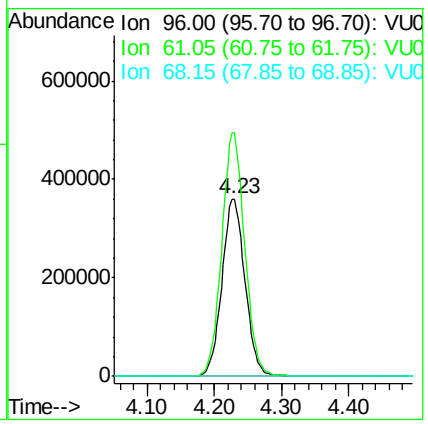


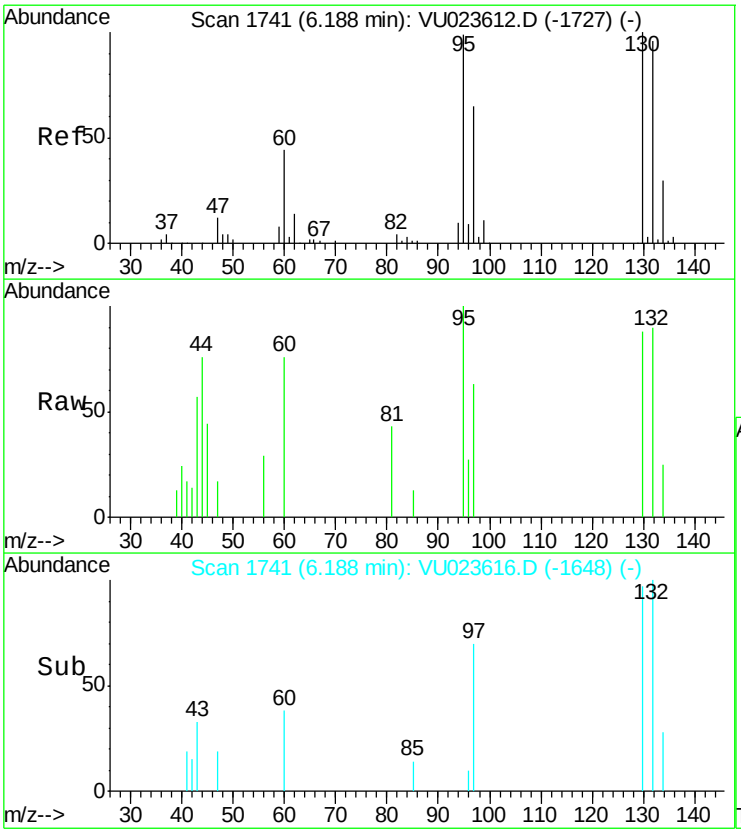


#22
cis-1,2-Dichloroethene
Concen: 119.16 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU023616.D
Acq: 03 May 2018 22:11

Tgt Ion: 96 Resp: 862089

Ion	Ratio	Lower	Upper
96	100		
61	137.3	94.6	175.6
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 0.22 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU023616.D
Acq: 03 May 2018 22:11

Tgt Ion: 95 Resp: 1416

Ion	Ratio	Lower	Upper
95	100		
97	63.2	46.0	85.4
132	90.5	68.1	126.5
130	88.1	70.1	130.1