Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050418\
Data File : VU023617.D
Acq On : 03 May 2018 22:38
Operator : MD/SY
Sample : J2630-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 04 04:59:39 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

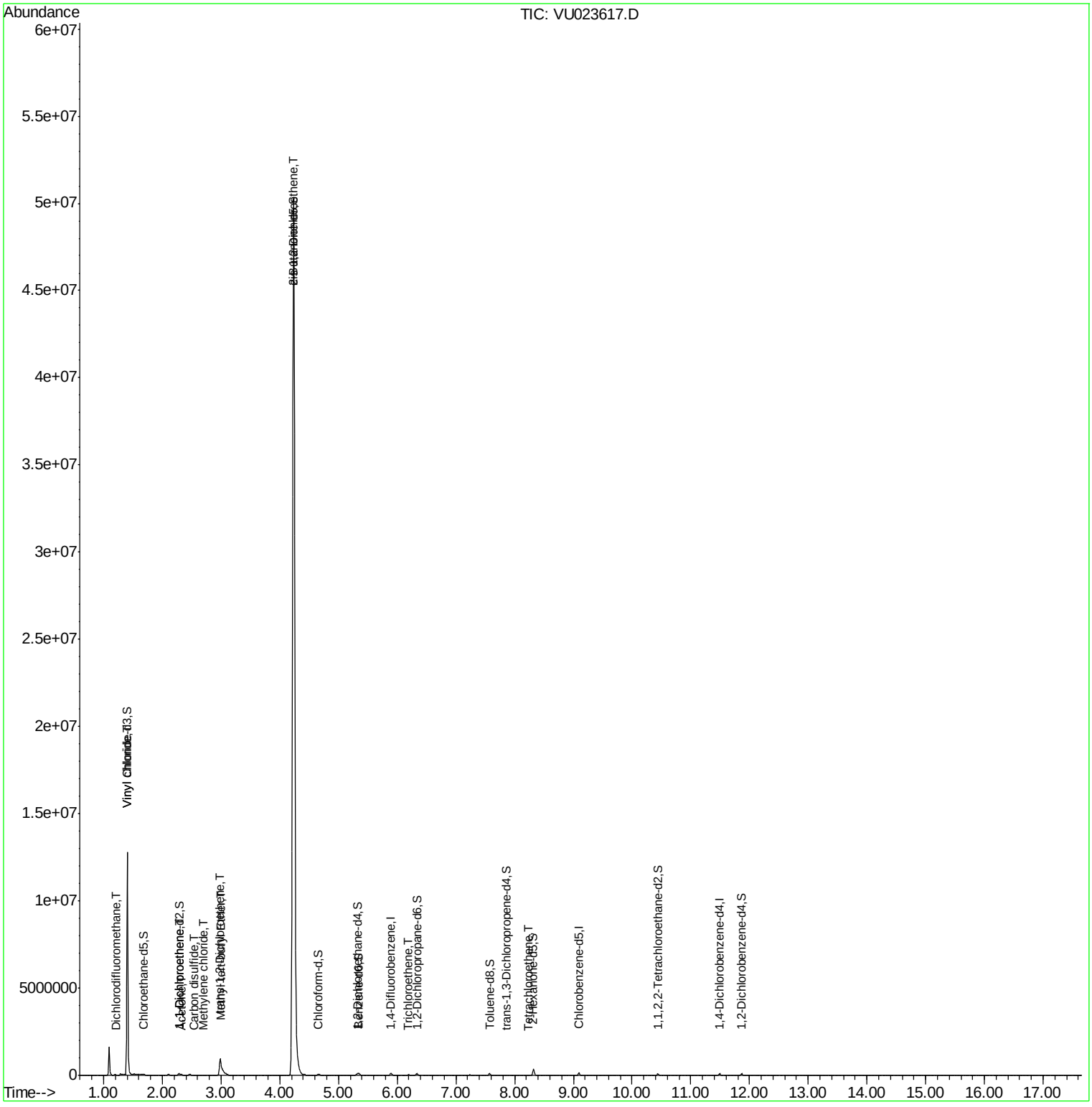
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	93864	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	82886	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	29457	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	92572	13.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 271.80%#			
7) Chloroethane-d5	1.68	69	30930	6.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 122.20%			
11) 1,1-Dichloroethene-d2	2.28	63	49693	4.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.80%			
20) 2-Butanone-d5	4.24	46	168920	85.76	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 171.52%#			
24) Chloroform-d	4.65	84	71617	5.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 117.40%			
26) 1,2-Dichloroethane-d4	5.32	65	46234	7.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 141.40%#			
32) Benzene-d6	5.34	84	124065	5.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.00%			
36) 1,2-Dichloropropane-d6	6.34	67	50987	7.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 140.80%#			
41) Toluene-d8	7.57	98	72981	3.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.40%			
43) trans-1,3-Dichloropropene-	7.86	79	11851	4.44	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.80%			
46) 2-Hexanone-d5	8.32	63	108414	79.30	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 158.60%#			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	46344	8.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 160.80%#			
64) 1,2-Dichlorobenzene-d4	11.87	152	30890	5.64	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	2753	0.31	ug/L	98
5) Vinyl chloride	1.40	62	8294863	945.24	ug/L	93
12) 1,1-Dichloroethene	2.29	96	31883	5.77	ug/L	94
13) Acetone	2.33	43	15024	13.35	ug/L	100
14) Carbon disulfide	2.54	76	158550m	7.95	ug/L	
16) Methylene chloride	2.70	84	2218	0.35	ug/L	89
17) Methyl tert-butyl Ether	3.01	73	7775	0.55	ug/L	99
18) trans-1,2-Dichloroethene	2.99	96	610175	99.87	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	28171660m	3881.31	ug/L	
34) Trichloroethene	6.19	95	12427	1.91	ug/L	96
47) Tetrachloroethene	8.23	164	2489	0.48	ug/L	94

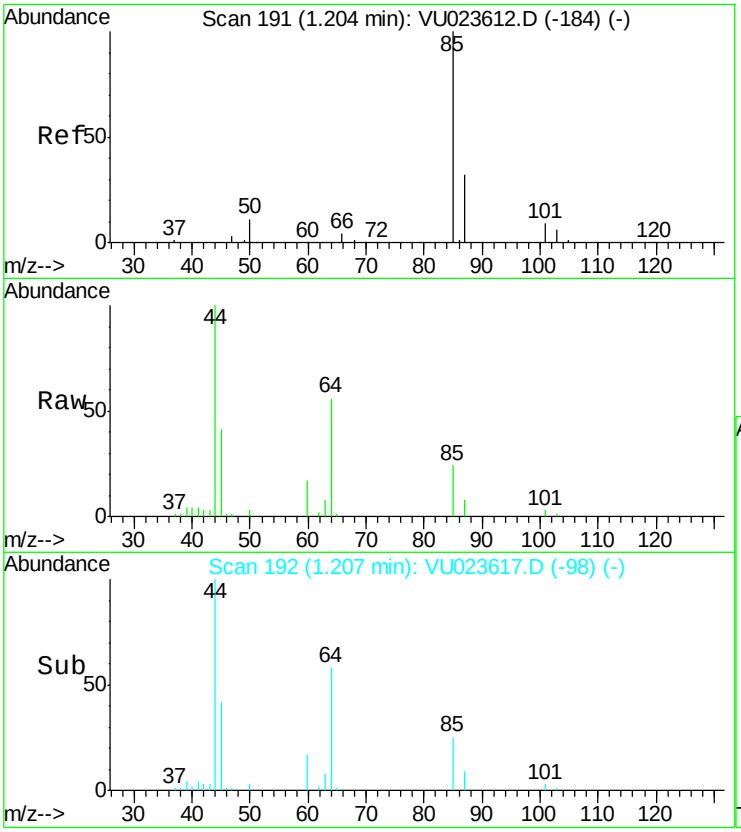
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050418\
Data File : VU023617.D
Acq On : 03 May 2018 22:38
Operator : MD/SY
Sample : J2630-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 04 04:59:39 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

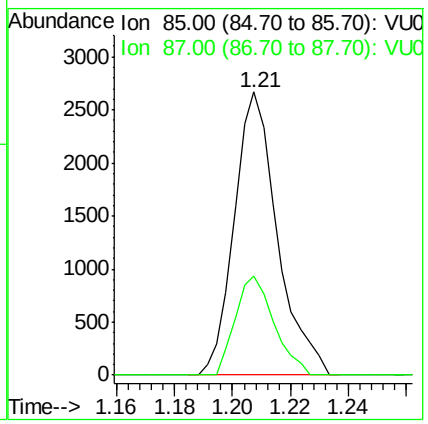


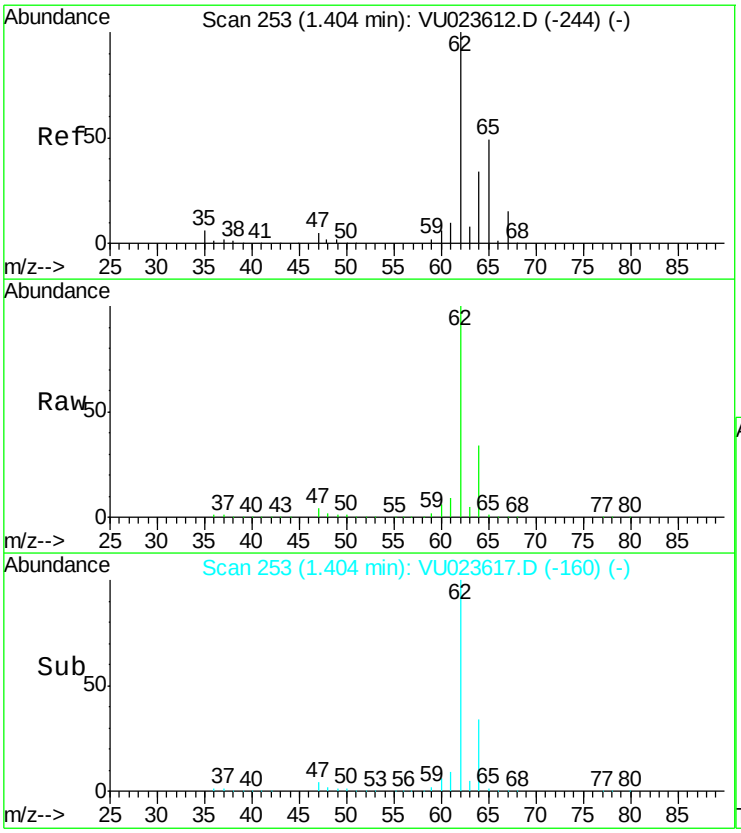


#2
Dichlorodifluoromethane
Concen: 0.31 ug/L
RT: 1.21 min Scan# 192
Delta R.T. 0.00 min
Lab File: VU023617.D
Acq: 03 May 2018 22:38

Tgt Ion: 85 Resp: 2753

Ion	Ratio	Lower	Upper
85	100		
87	31.2	26.1	39.1

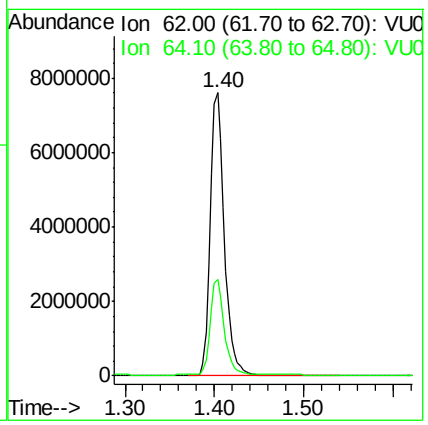


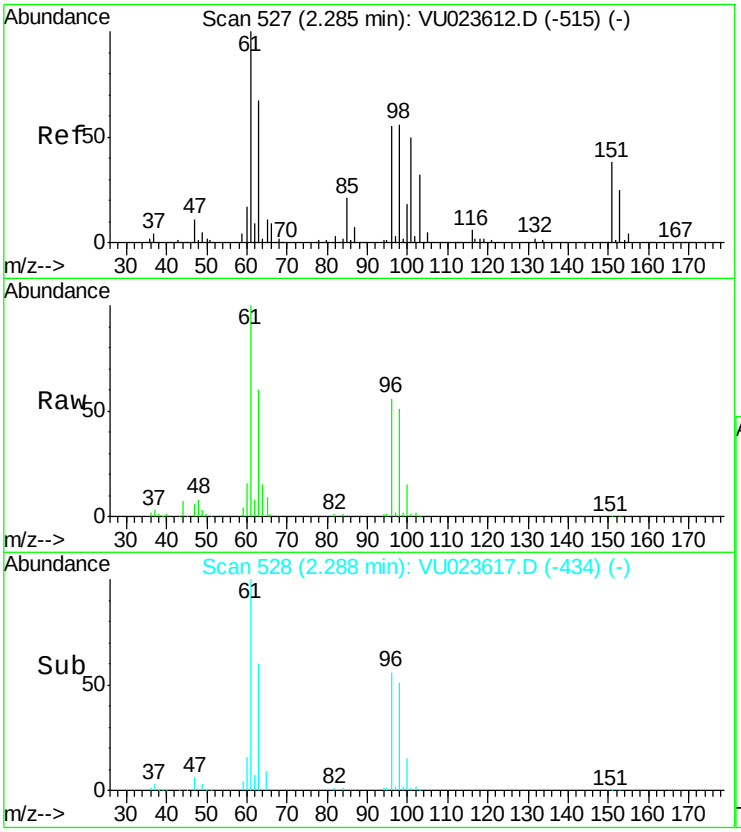


#5
Vinyl chloride
Concen: 945.24 ug/L
RT: 1.40 min Scan# 253
Delta R.T. -0.00 min
Lab File: VU023617.D
Acq: 03 May 2018 22:38

Tgt Ion: 62 Resp: 8294863

Ion	Ratio	Lower	Upper
62	100		
64	34.0	26.9	49.9

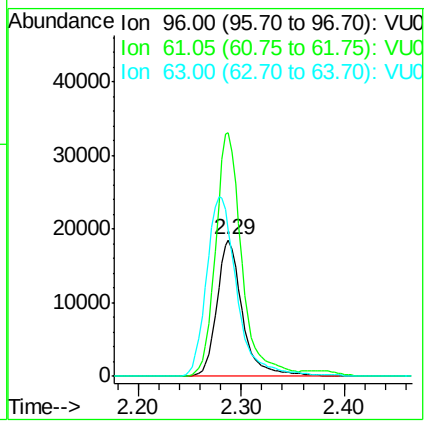


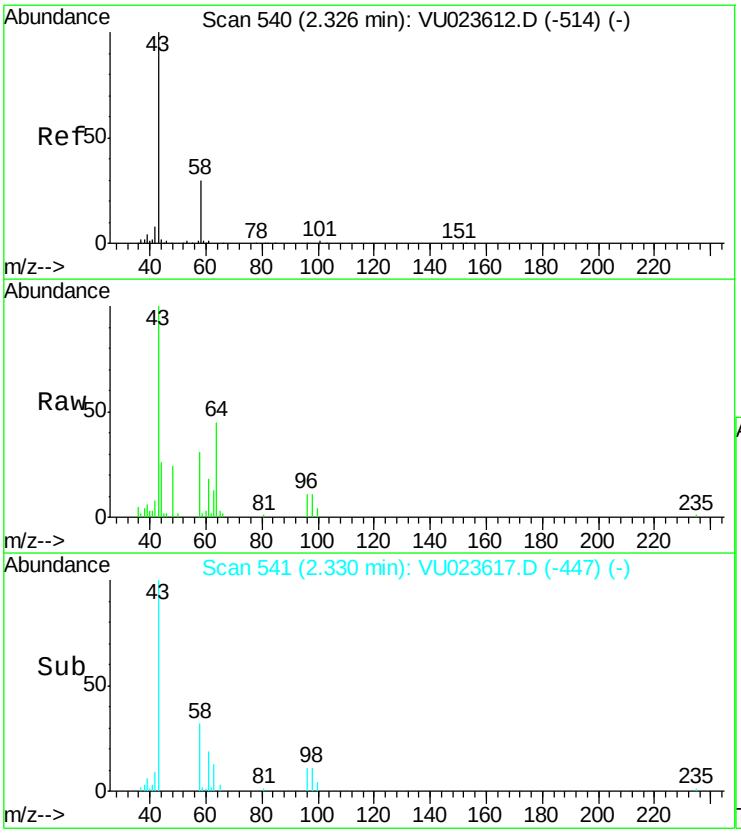


#12
1,1-Dichloroethene
Concen: 5.77 ug/L
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU023617.D
Acq: 03 May 2018 22:38

Tgt Ion: 96 Resp: 31883

Ion	Ratio	Lower	Upper
96	100		
61	178.8	127.4	236.6
63	107.8	84.8	157.4

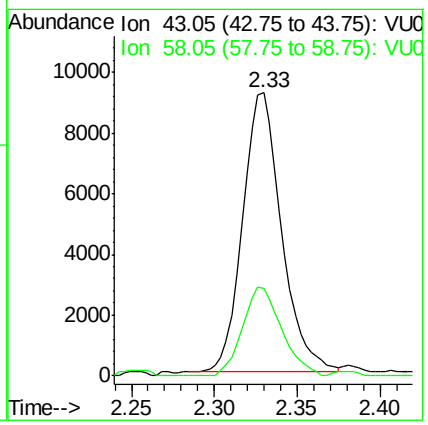


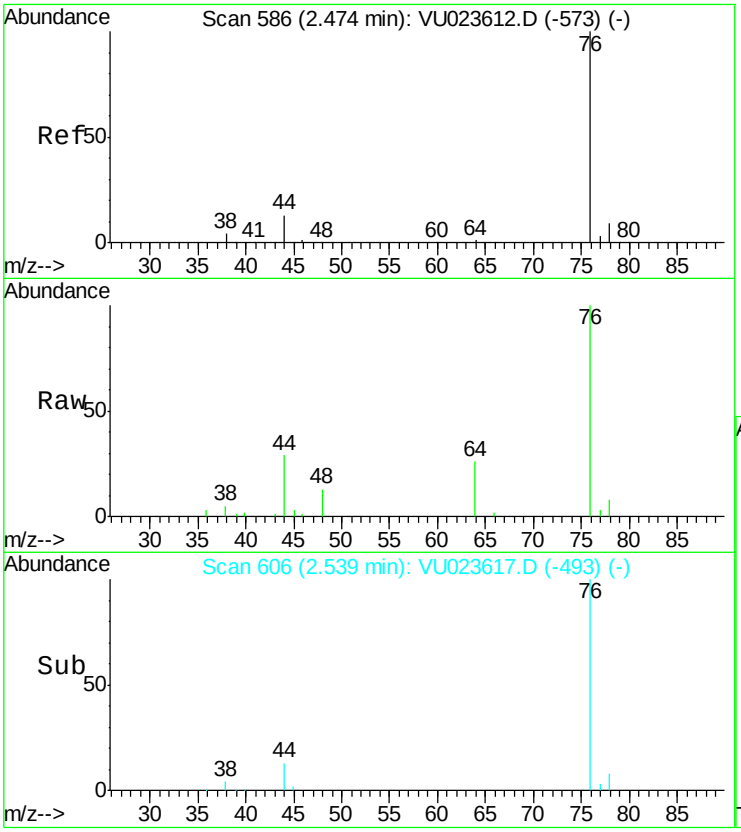


#13
Acetone
Concen: 13.35 ug/L
RT: 2.33 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU023617.D
Acq: 03 May 2018 22:38

Tgt Ion: 43 Resp: 15024

Ion	Ratio	Lower	Upper
43	100		
58	31.7	0.0	63.8

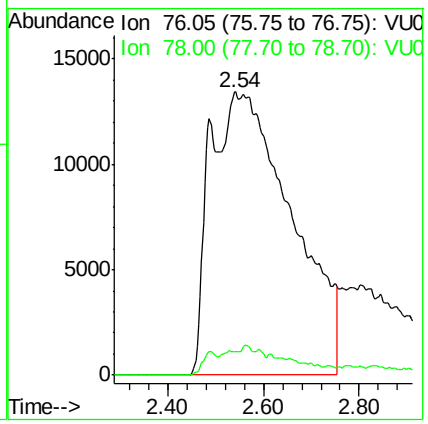


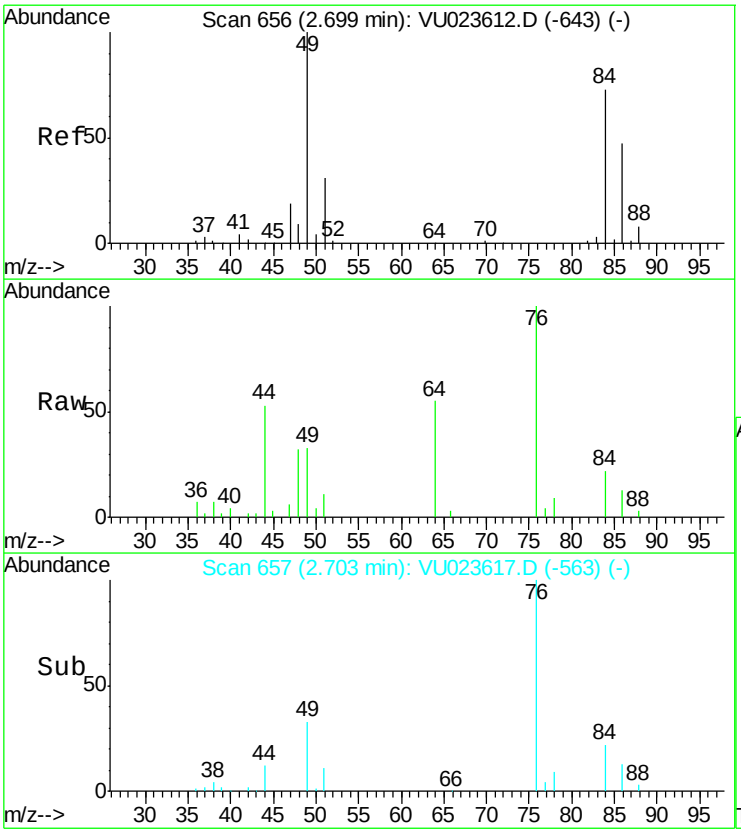


#14
Carbon disulfide
Concen: 7.95 ug/L m
RT: 2.54 min Scan# 606
Delta R.T. 0.06 min
Lab File: VU023617.D
Acq: 03 May 2018 22:38

Tgt Ion: 76 Resp: 158550

Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.5	11.3

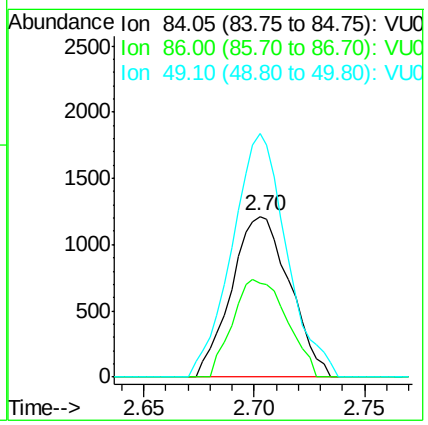


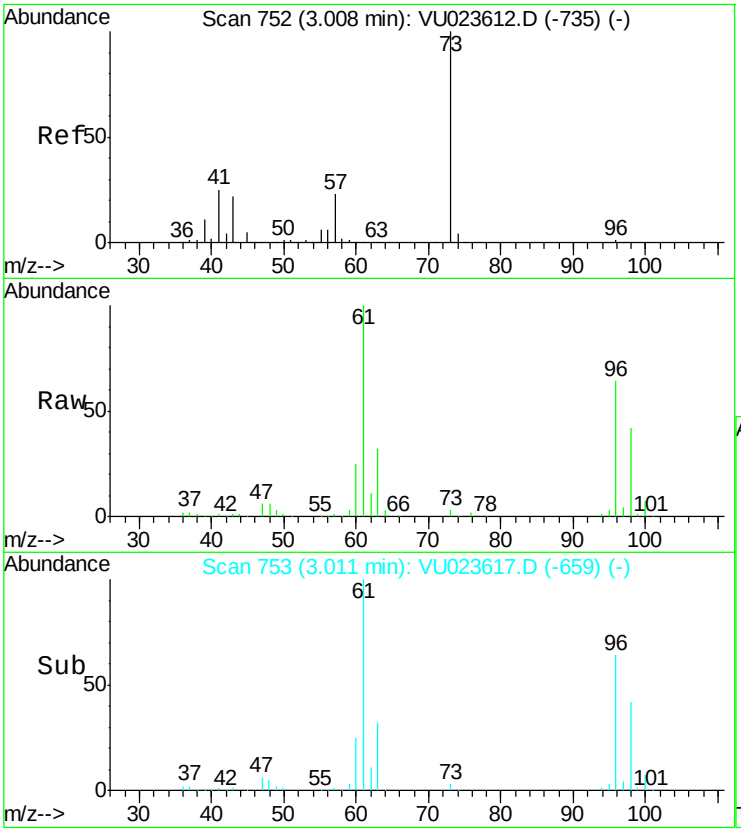


#16
Methylene chloride
Concen: 0.35 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU023617.D
Acq: 03 May 2018 22:38

Tgt Ion: 84 Resp: 2218

Ion	Ratio	Lower	Upper
84	100		
86	58.6	46.0	85.4
49	151.5	96.0	178.4

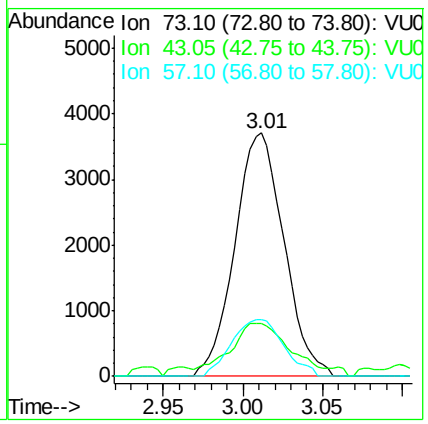


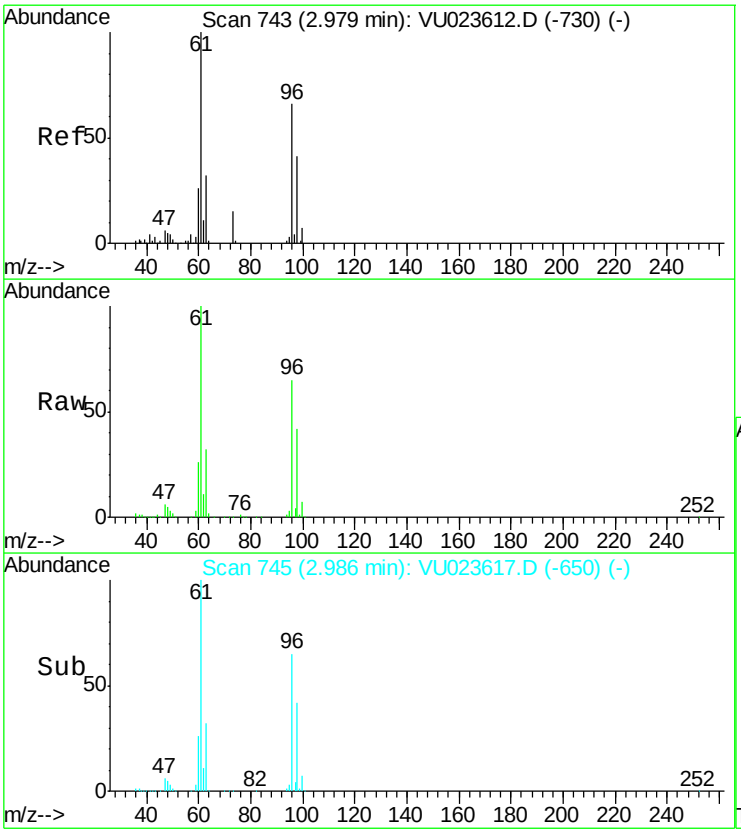


#17
Methyl tert-butyl Ether
Concen: 0.55 ug/L
RT: 3.01 min Scan# 753
Delta R.T. 0.00 min
Lab File: VU023617.D
Acq: 03 May 2018 22:38

Tgt Ion: 73 Resp: 7775

Ion	Ratio	Lower	Upper
73	100		
43	20.9	16.6	25.0
57	24.7	19.4	29.0

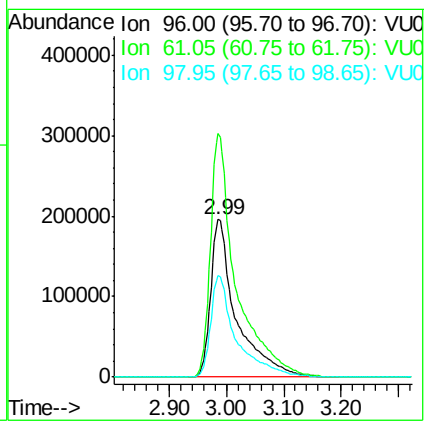


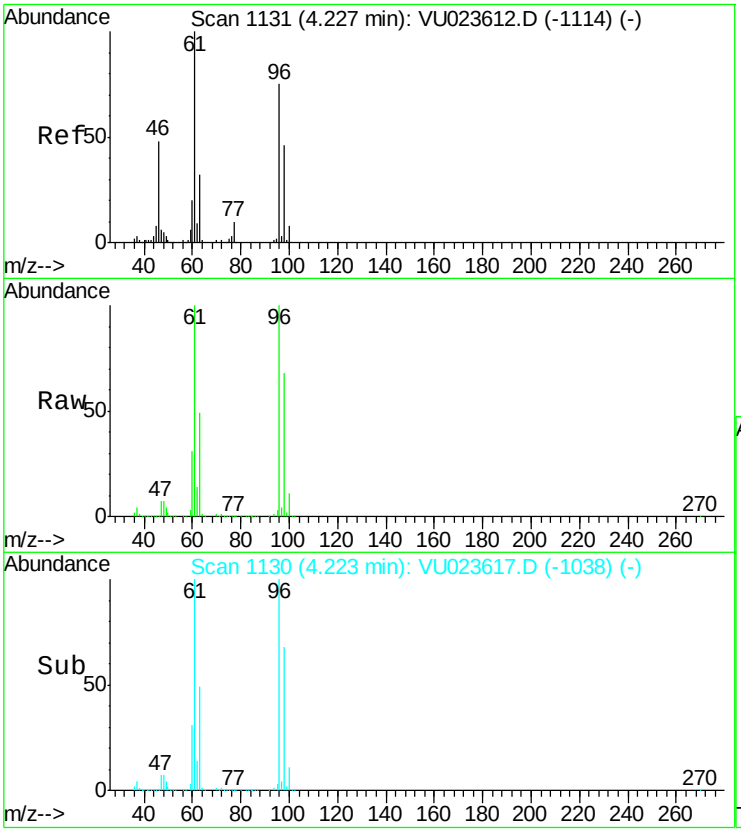


#18
trans-1,2-Dichloroethene
Concen: 99.87 ug/L
RT: 2.99 min Scan# 745
Delta R.T. 0.01 min
Lab File: VU023617.D
Acq: 03 May 2018 22:38

Tgt Ion: 96 Resp: 610175

Ion	Ratio	Lower	Upper
96	100		
61	154.8	109.0	202.4
98	64.5	44.7	83.1

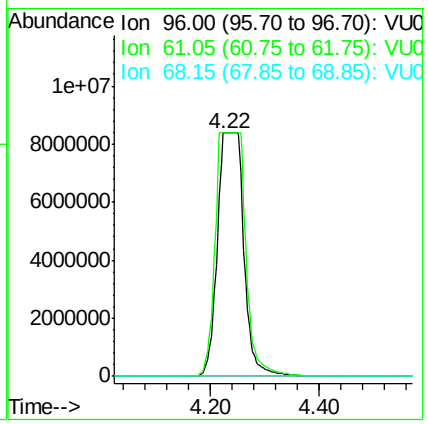


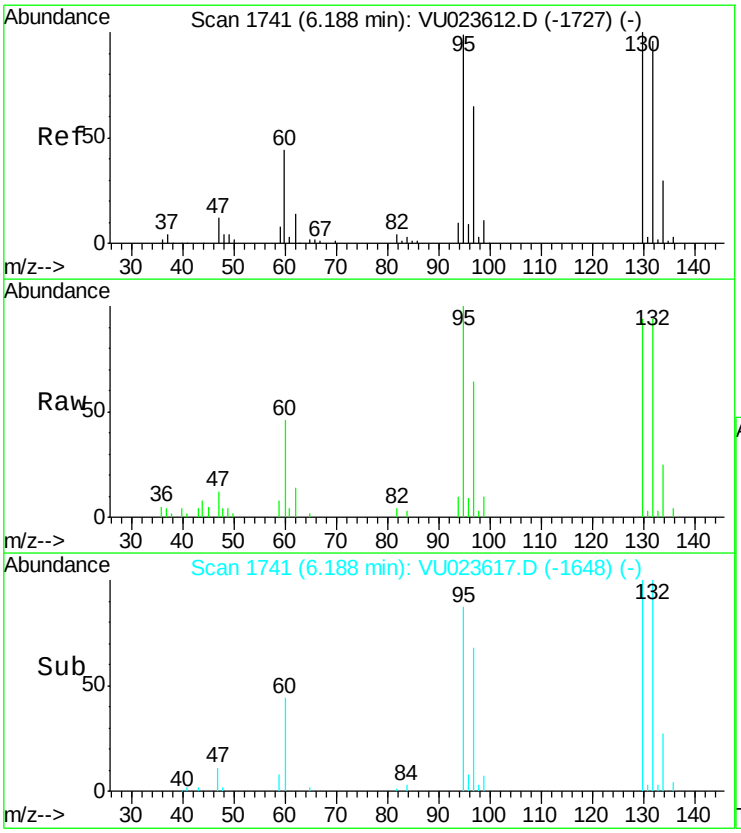


#22
cis-1,2-Dichloroethene
Concen: 3881.31 ug/L m
RT: 4.22 min Scan# 1130
Delta R.T. -0.00 min
Lab File: VU023617.D
Acq: 03 May 2018 22:38

Tgt Ion: 96 Resp:28171660

Ion	Ratio	Lower	Upper
96	100		
61	100.0	94.6	175.6
68	0.0	0.0	0.0

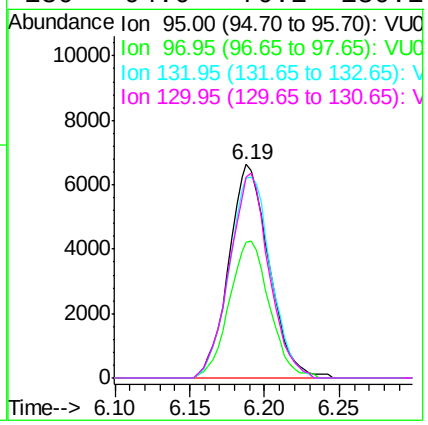


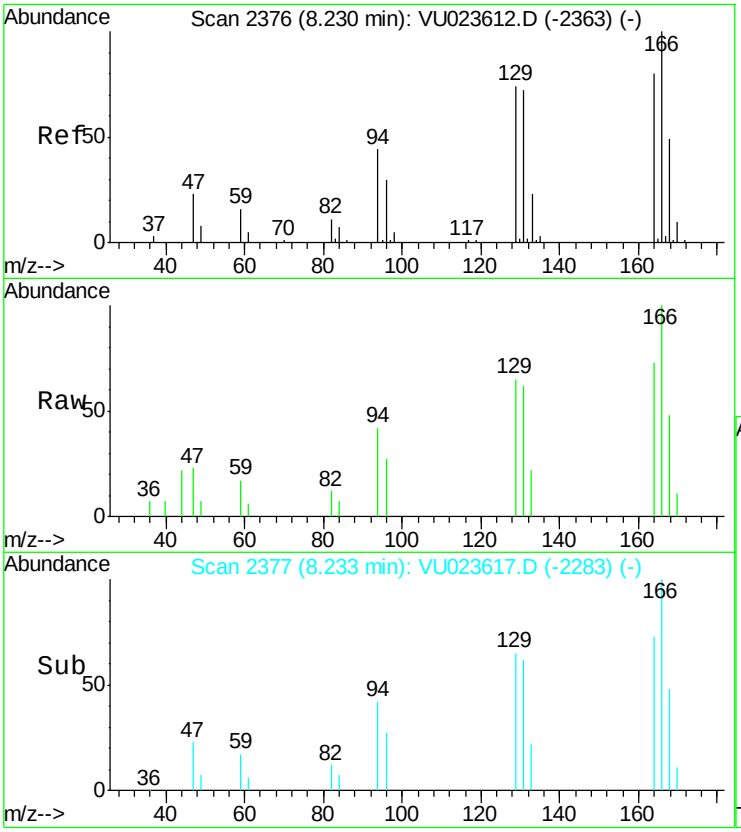


#34
Trichloroethene
Concen: 1.91 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU023617.D
Acq: 03 May 2018 22:38

Tgt Ion: 95 Resp: 12427

Ion	Ratio	Lower	Upper
95	100		
97	63.8	46.0	85.4
132	93.7	68.1	126.5
130	94.0	70.1	130.1





#47
Tetrachloroethene
Concen: 0.48 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU023617.D
Acq: 03 May 2018 22:38

Tgt Ion:164 Resp: 2489

Ion	Ratio	Lower	Upper
164	100		
129	89.0	64.4	119.6
131	85.8	63.9	118.7
166	137.8	90.0	167.2