Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050418\
Data File : VU023623.D
Acq On : 04 May 2018 01:21
Operator : MD/SY
Sample : J2630-16
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 04 05:12:20 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

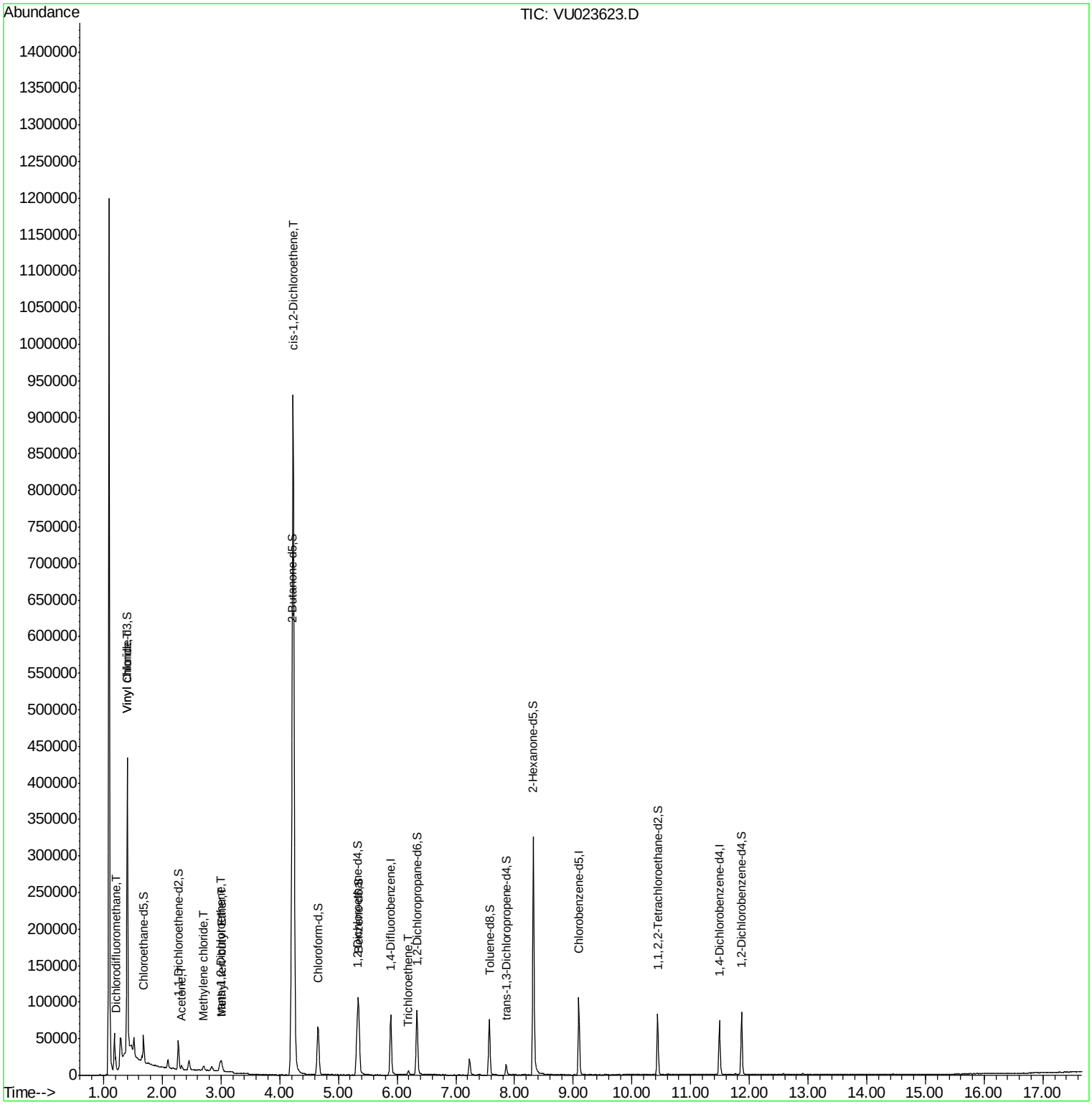
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	68300	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	59814	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	20599	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	26401	5.33	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.60%			
7) Chloroethane-d5	1.68	69	26217	7.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 142.40%#			
11) 1,1-Dichloroethene-d2	2.27	63	23004	2.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 52.00%#			
20) 2-Butanone-d5	4.20	46	154349	107.69	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 215.38%#			
24) Chloroform-d	4.65	84	63689	7.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 143.40%#			
26) 1,2-Dichloroethane-d4	5.32	65	43642	9.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 183.40%#			
32) Benzene-d6	5.34	84	98897	6.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 124.80%			
36) 1,2-Dichloropropane-d6	6.34	67	44872	8.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 171.60%#			
41) Toluene-d8	7.57	98	50525	3.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.60%#			
43) trans-1,3-Dichloropropene-	7.86	79	8500	4.41	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.20%			
46) 2-Hexanone-d5	8.32	63	102265	103.65	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 207.30%#			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	41890	10.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 201.40%#			
64) 1,2-Dichlorobenzene-d4	11.87	152	24000	6.26	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 125.20%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	2819	0.44	ug/L	100
5) Vinyl chloride	1.40	62	235103	36.82	ug/L	98
13) Acetone	2.33	43	6290	7.68	ug/L	98
16) Methylene chloride	2.70	84	2509	0.54	ug/L	90
17) Methyl tert-butyl Ether	3.01	73	12880	1.24	ug/L	96
18) trans-1,2-Dichloroethene	2.98	96	3937	0.89	ug/L	88
22) cis-1,2-Dichloroethene	4.23	96	490815	92.93	ug/L	98
34) Trichloroethene	6.19	95	1761	0.38	ug/L	84

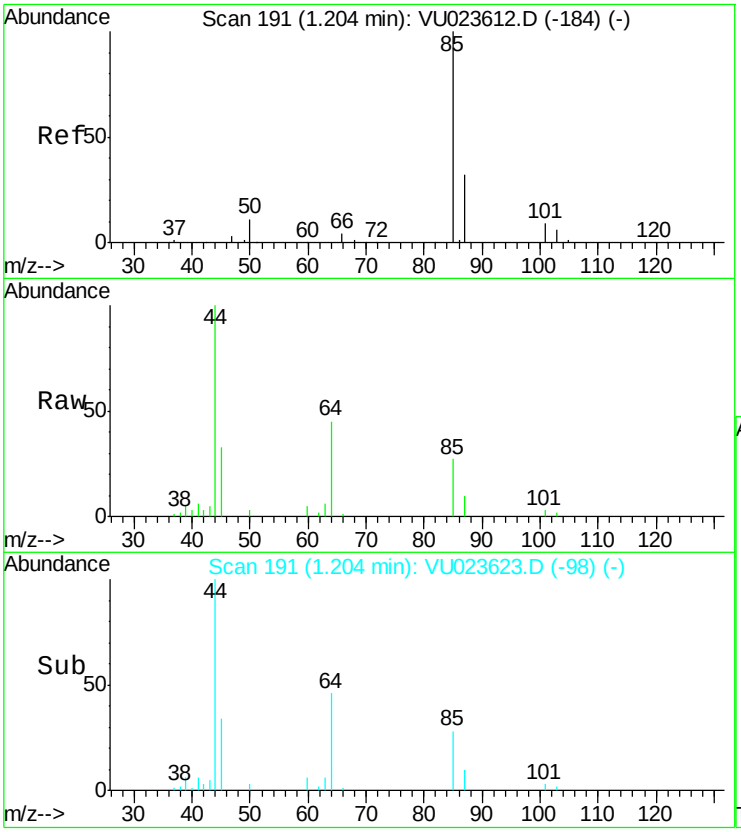
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050418\
Data File : VU023623.D
Acq On : 04 May 2018 01:21
Operator : MD/SY
Sample : J2630-16
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 04 05:12:20 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

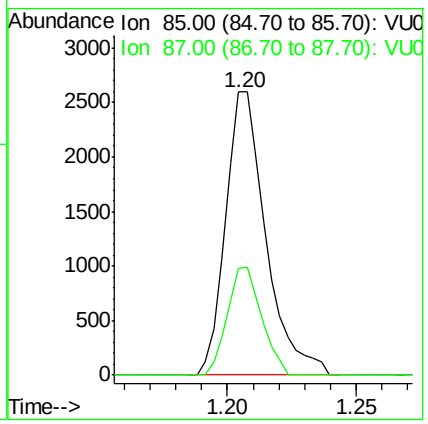


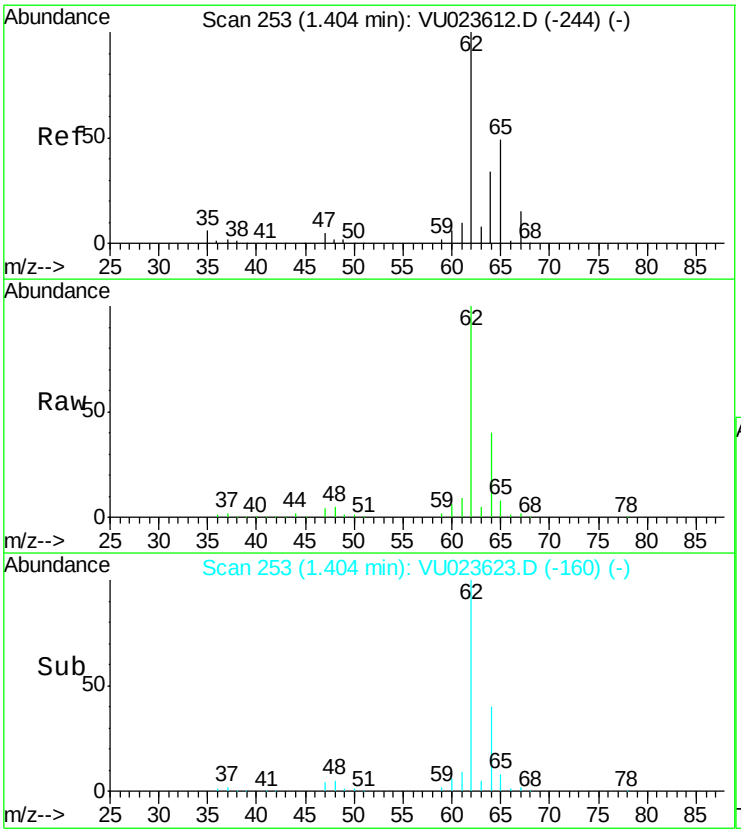


#2
Dichlorodifluoromethane
Concen: 0.44 ug/L
RT: 1.20 min Scan# 191
Delta R.T. -0.00 min
Lab File: VU023623.D
Acq: 04 May 2018 01:21

Tgt Ion: 85 Resp: 2819

Ion	Ratio	Lower	Upper
85	100		
87	32.4	26.1	39.1

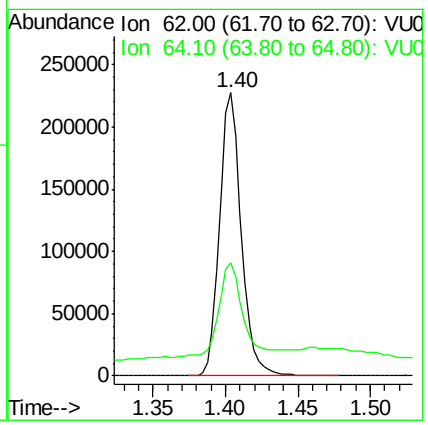


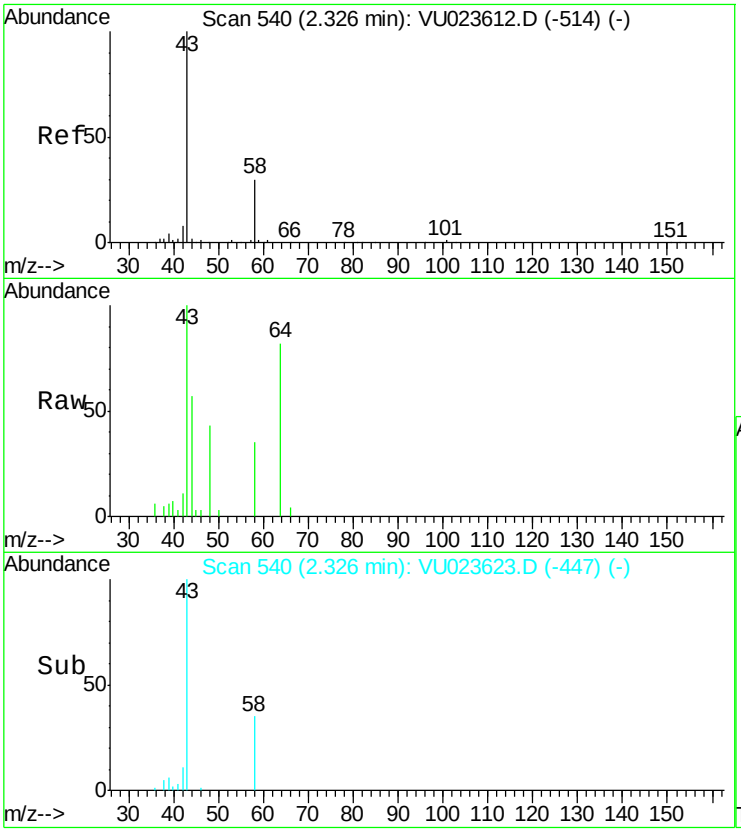


#5
Vinyl chloride
Concen: 36.82 ug/L
RT: 1.40 min Scan# 253
Delta R.T. -0.00 min
Lab File: VU023623.D
Acq: 04 May 2018 01:21

Tgt Ion: 62 Resp: 235103

Ion	Ratio	Lower	Upper
62	100		
64	39.9	26.9	49.9

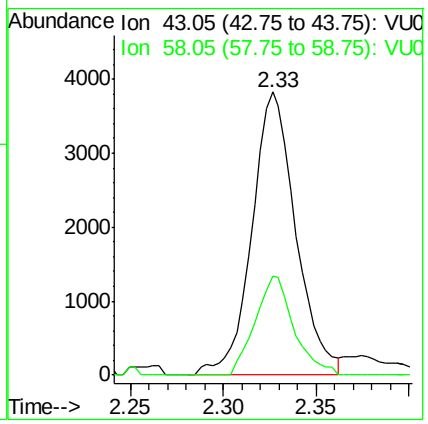


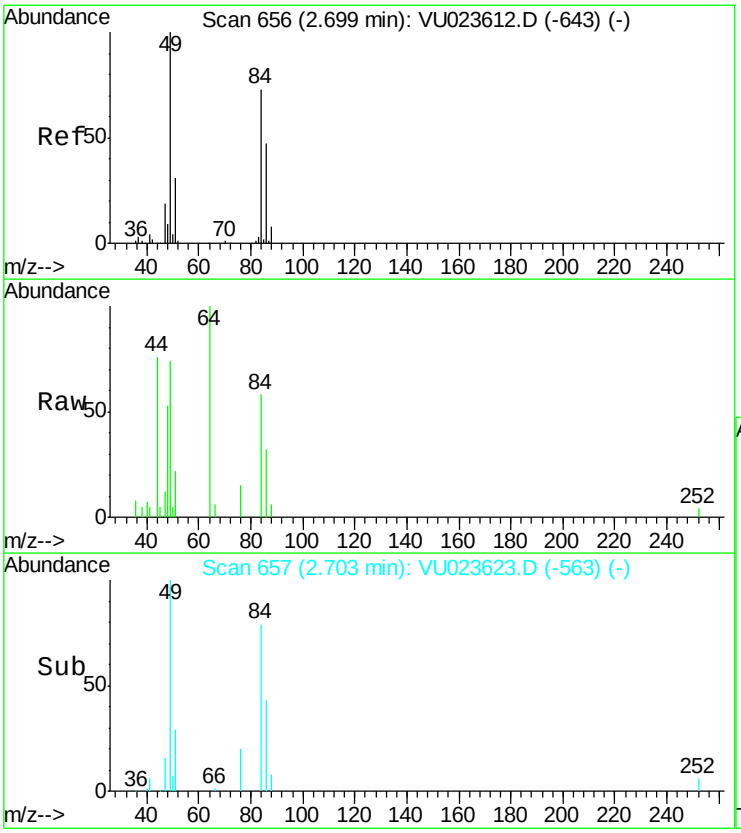


#13
Acetone
Concen: 7.68 ug/L
RT: 2.33 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU023623.D
Acq: 04 May 2018 01:21

Tgt Ion: 43 Resp: 6290

Ion	Ratio	Lower	Upper
43	100		
58	30.6	0.0	63.8

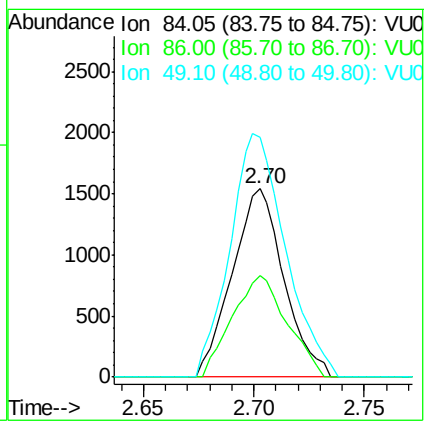


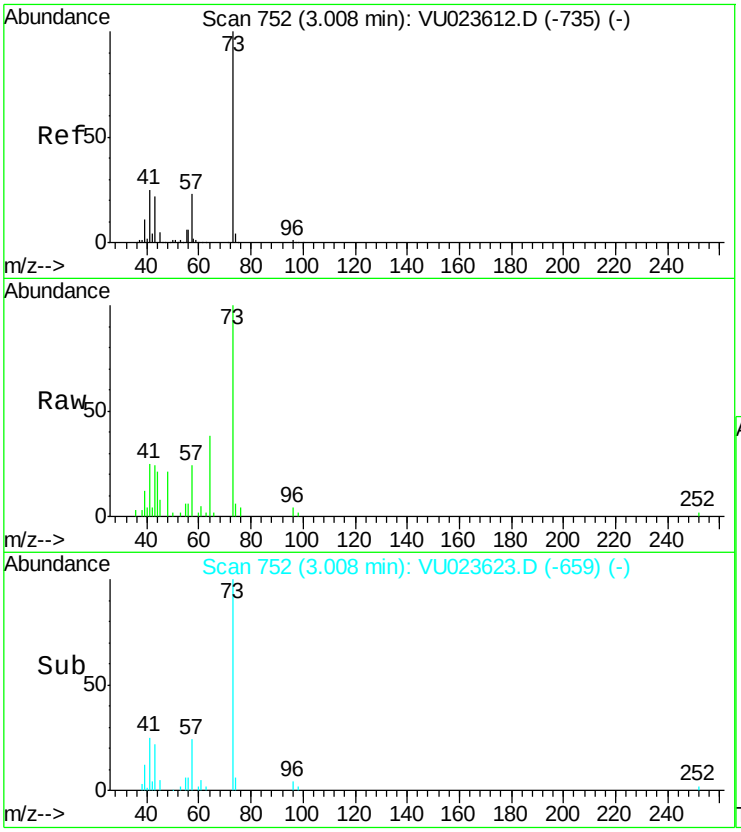


#16
Methylene chloride
Concen: 0.54 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU023623.D
Acq: 04 May 2018 01:21

Tgt Ion: 84 Resp: 2509

Ion	Ratio	Lower	Upper
84	100		
86	54.2	46.0	85.4
49	127.1	96.0	178.4

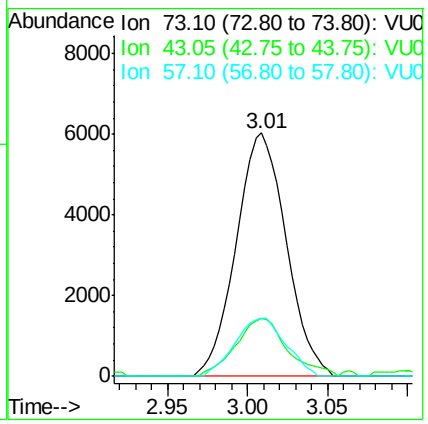


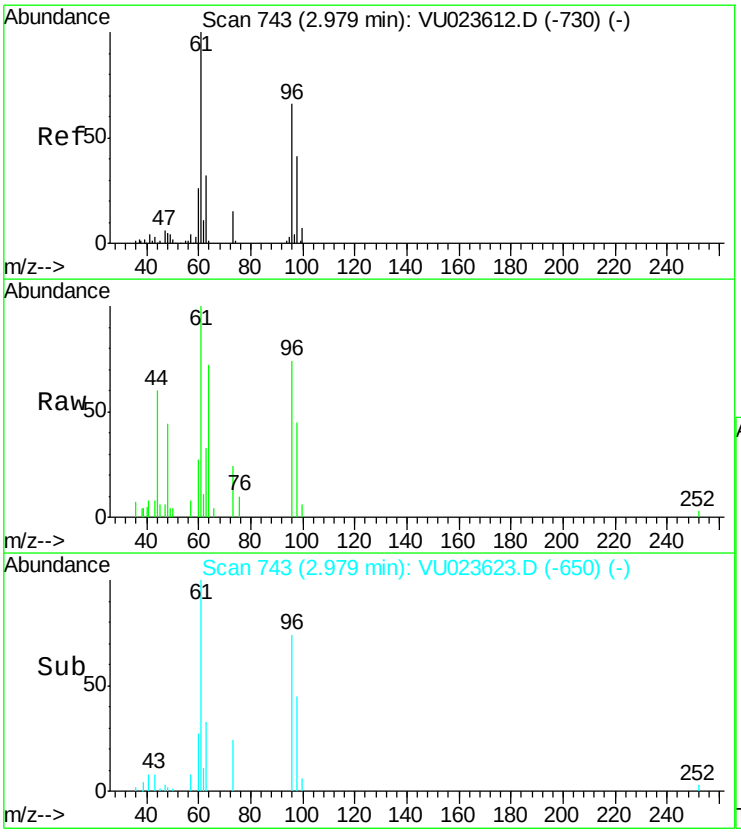


#17
Methyl tert-butyl Ether
Concen: 1.24 ug/L
RT: 3.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VU023623.D
Acq: 04 May 2018 01:21

Tgt Ion: 73 Resp: 12880

Ion	Ratio	Lower	Upper
73	100		
43	24.6	16.6	25.0
57	24.3	19.4	29.0

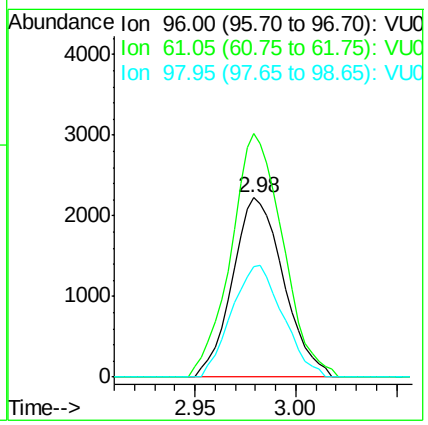


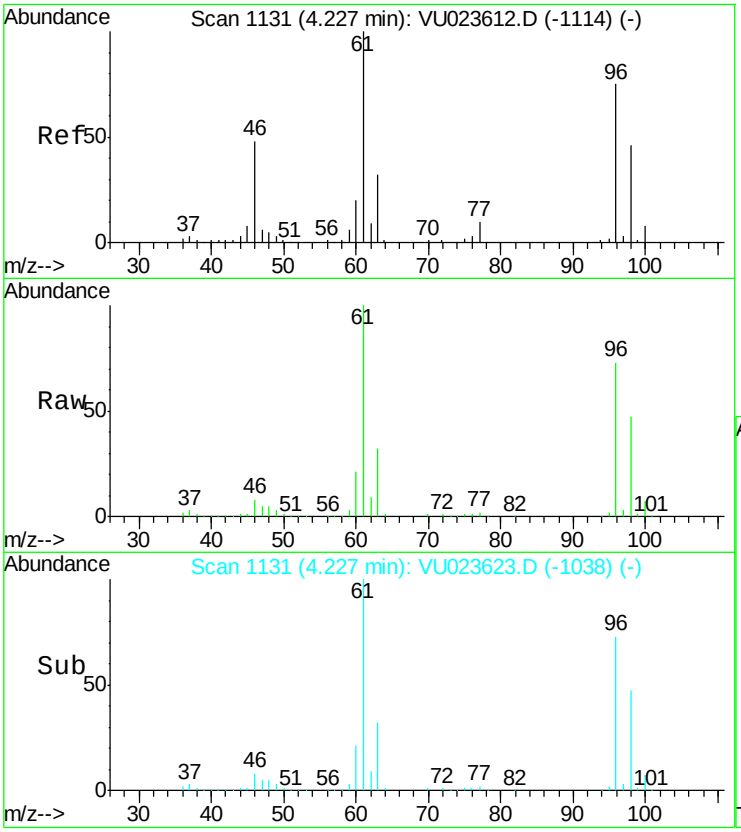


#18
trans-1,2-Dichloroethene
Concen: 0.89 ug/L
RT: 2.98 min Scan# 743
Delta R.T. -0.00 min
Lab File: VU023623.D
Acq: 04 May 2018 01:21

Tgt Ion: 96 Resp: 3937

Ion	Ratio	Lower	Upper
96	100		
61	136.0	109.0	202.4
98	61.5	44.7	83.1

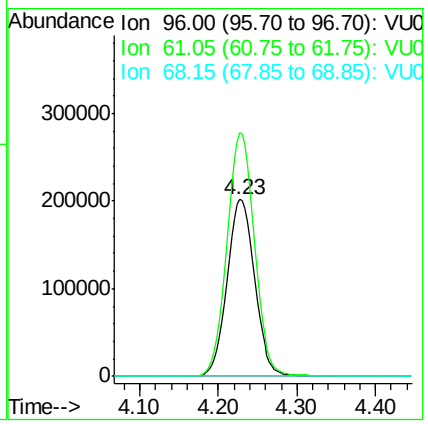


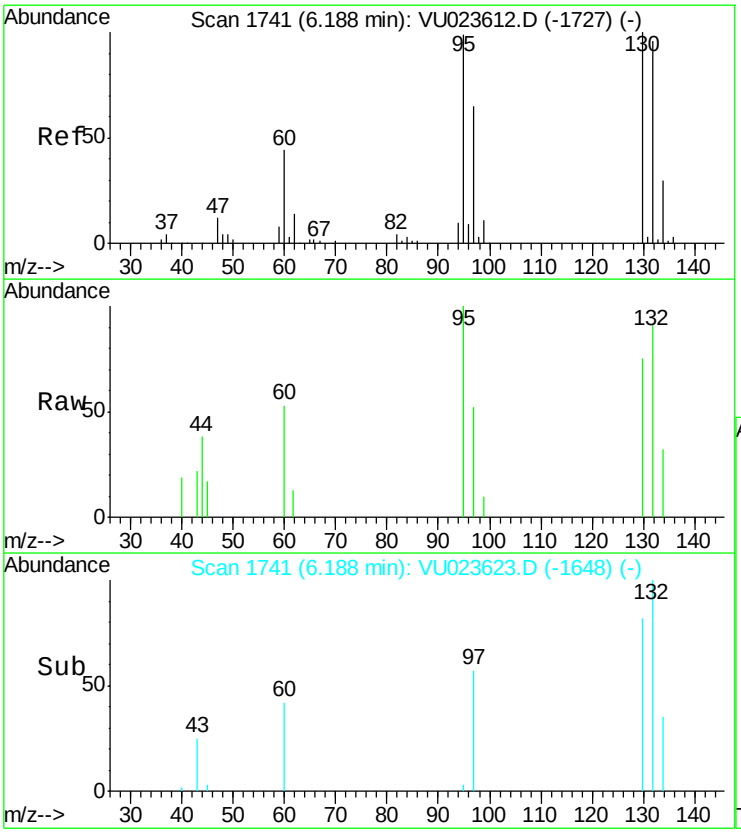


#22
cis-1,2-Dichloroethene
Concen: 92.93 ug/L
RT: 4.23 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VU023623.D
Acq: 04 May 2018 01:21

Tgt Ion: 96 Resp: 490815

Ion	Ratio	Lower	Upper
96	100		
61	137.6	94.6	175.6
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 0.38 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU023623.D
Acq: 04 May 2018 01:21

Tgt Ion: 95 Resp: 1761

Ion	Ratio	Lower	Upper
95	100		
97	52.0	46.0	85.4
132	90.9	68.1	126.5
130	74.9	70.1	130.1