Quantitation Report (LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050418\
Data File : VU023625.D
Acq On : 04 May 2018 02:15
Operator : MD/SY
Sample : J2630-18
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 04 05:17:04 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	84275	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	77809	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	28009	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	35432	5.80	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 116.00%			
7) Chloroethane-d5	1.68	69	30928	6.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 136.20%#			
11) 1,1-Dichloroethene-d2	2.27	63	36522	3.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.00%			
20) 2-Butanone-d5	4.21	46	168436	95.24	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 190.48%#			
24) Chloroform-d	4.65	84	76196	6.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 139.00%#			
26) 1,2-Dichloroethane-d4	5.32	65	48279	8.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 164.40%#			
32) Benzene-d6	5.34	84	126892	6.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 123.00%			
36) 1,2-Dichloropropane-d6	6.34	67	54513	8.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 160.40%#			
41) Toluene-d8	7.57	98	79442	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%			
43) trans-1,3-Dichloropropene-	7.86	79	10825	4.32	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.40%			
46) 2-Hexanone-d5	8.32	63	118042	91.97	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 183.94%#			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	48106	8.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 177.80%#			
64) 1,2-Dichlorobenzene-d4	11.87	152	33981	6.52	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 130.40%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	2692	0.34	ug/L	92
5) Vinyl chloride	1.40	62	476629	60.49	ug/L	93
12) 1,1-Dichloroethene	2.28	96	5592	1.13	ug/L #	1
13) Acetone	2.33	43	9846	9.74	ug/L	99
16) Methylene chloride	2.70	84	1897	0.33	ug/L	98
17) Methyl tert-butyl Ether	3.00	73	3619	0.28	ug/L #	79
18) trans-1,2-Dichloroethene	2.98	96	21159	3.86	ug/L	97
22) cis-1,2-Dichloroethene	4.23	96	4066704	624.03	ug/L	97
34) Trichloroethene	6.19	95	1195724	195.81	ug/L	99
47) Tetrachloroethene	8.23	164	1788003	369.73	ug/L	99

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

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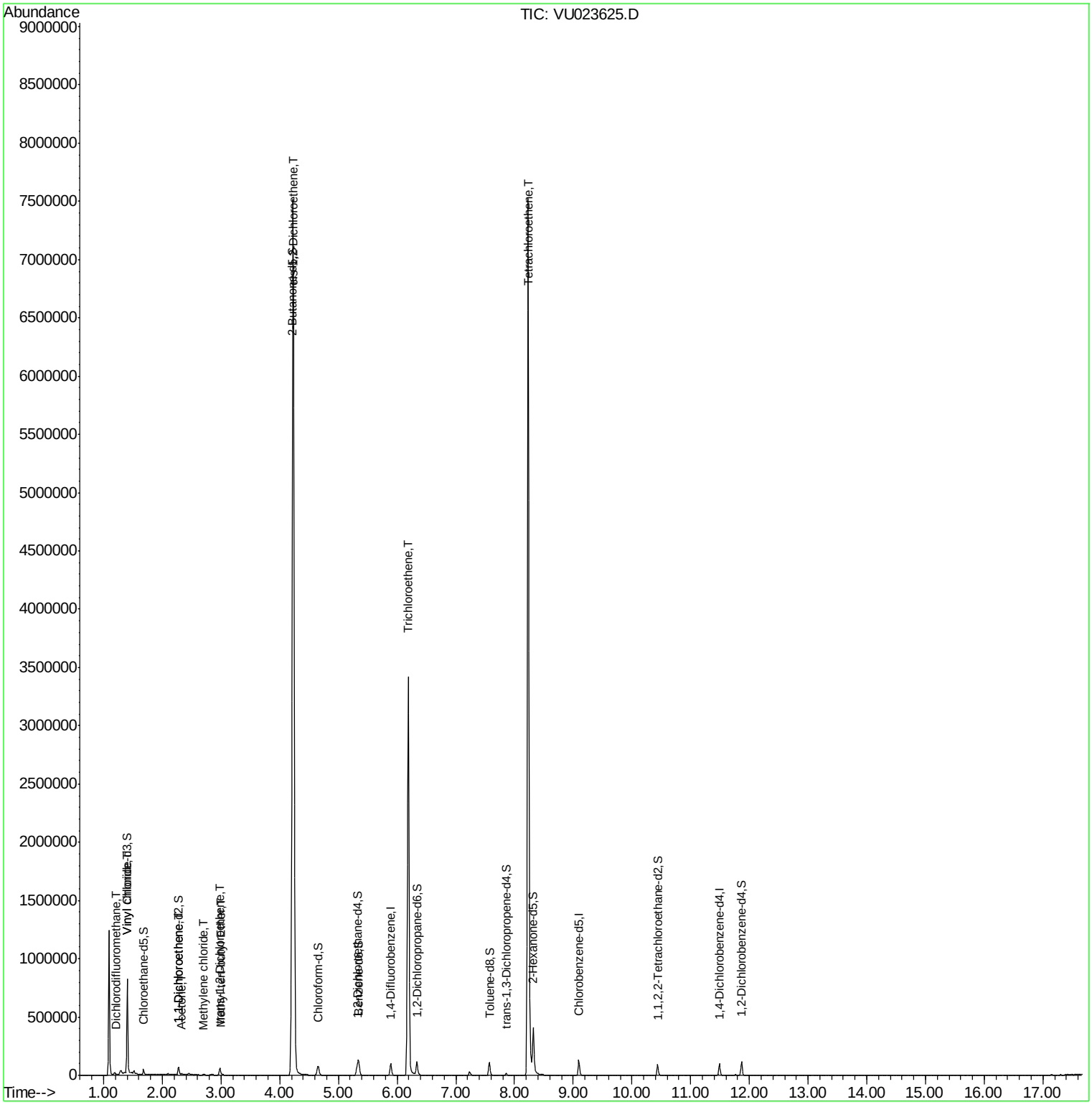
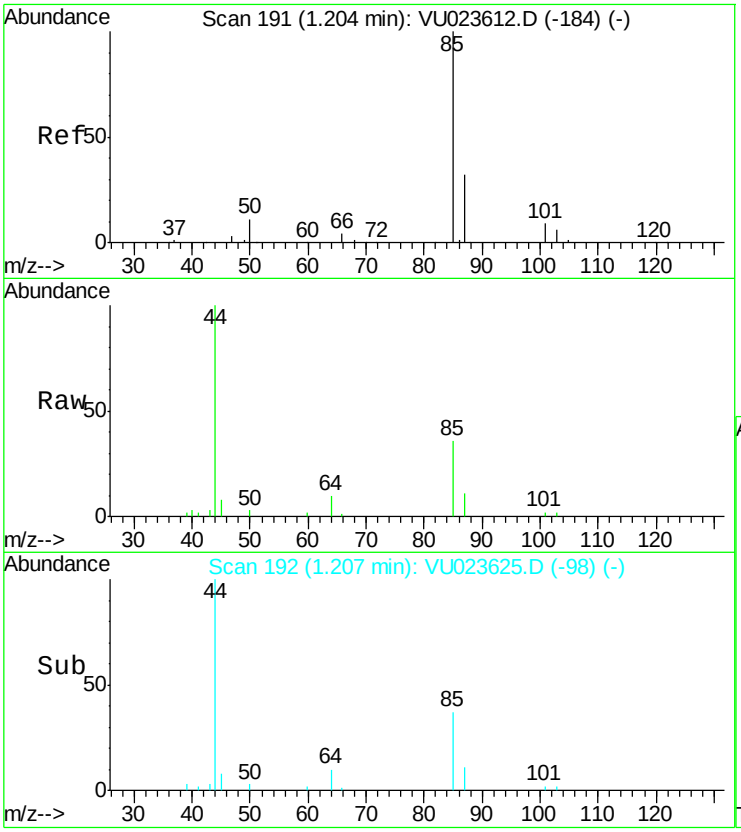
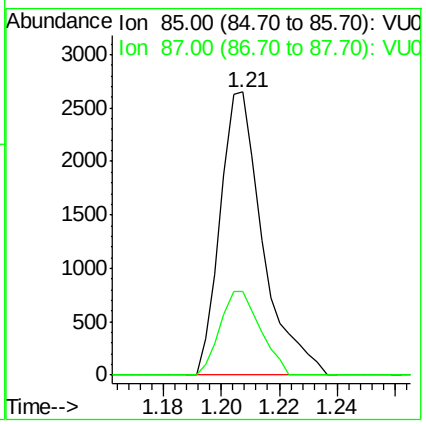


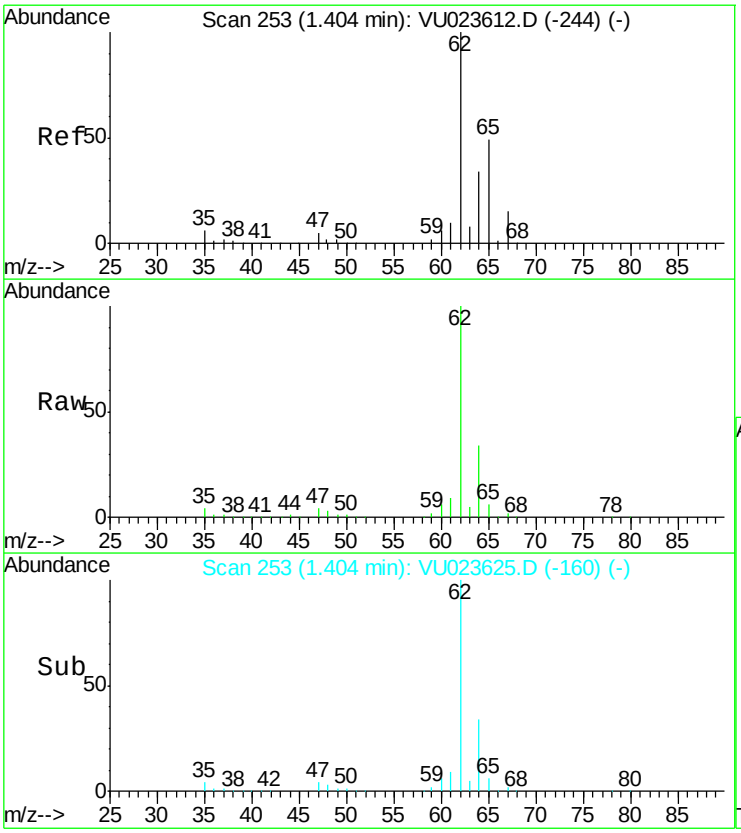


#2
Dichlorodifluoromethane
Concen: 0.34 ug/L
RT: 1.21 min Scan# 192
Delta R.T. 0.00 min
Lab File: VU023625.D
Acq: 04 May 2018 02:15

Tgt Ion: 85 Resp: 2692

Ion	Ratio	Lower	Upper
85	100		
87	28.0	26.1	39.1

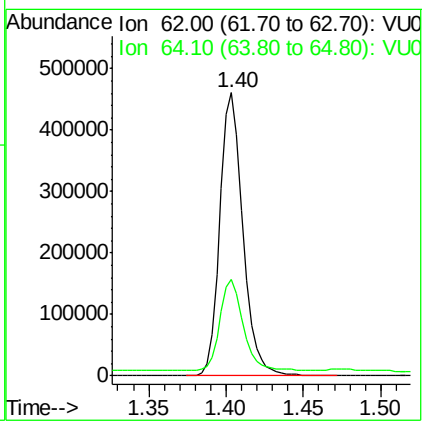


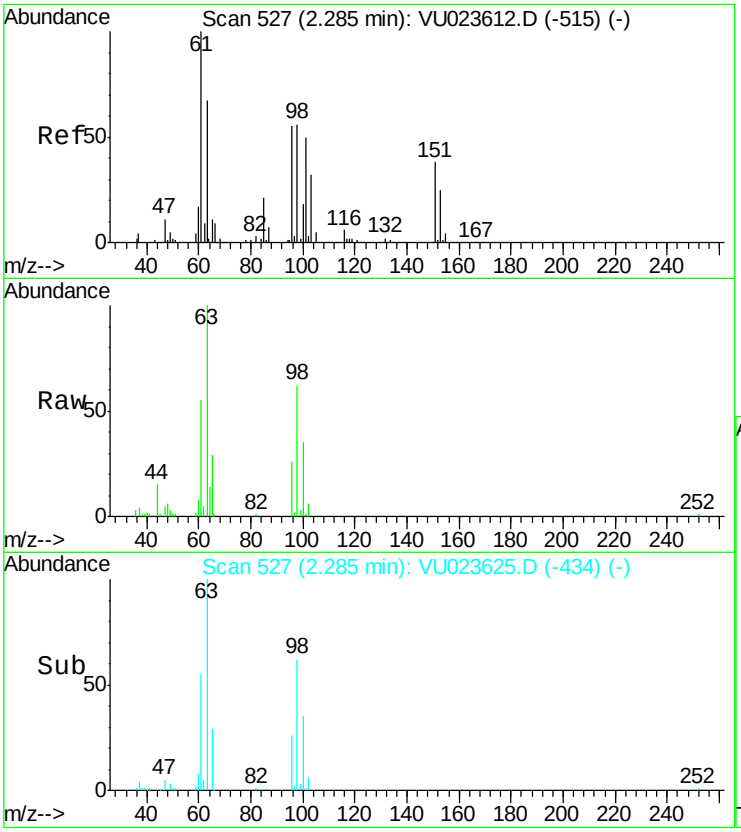


#5
Vinyl chloride
Concen: 60.49 ug/L
RT: 1.40 min Scan# 253
Delta R.T. -0.00 min
Lab File: VU023625.D
Acq: 04 May 2018 02:15

Tgt Ion: 62 Resp: 476629

Ion	Ratio	Lower	Upper
62	100		
64	33.9	26.9	49.9

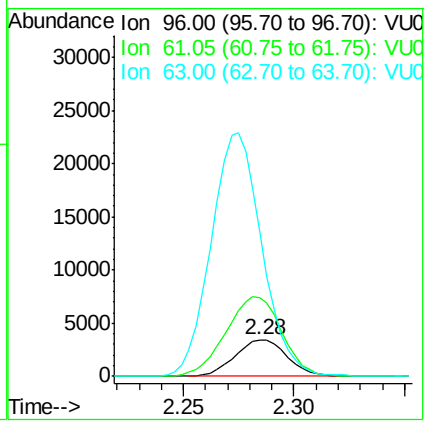


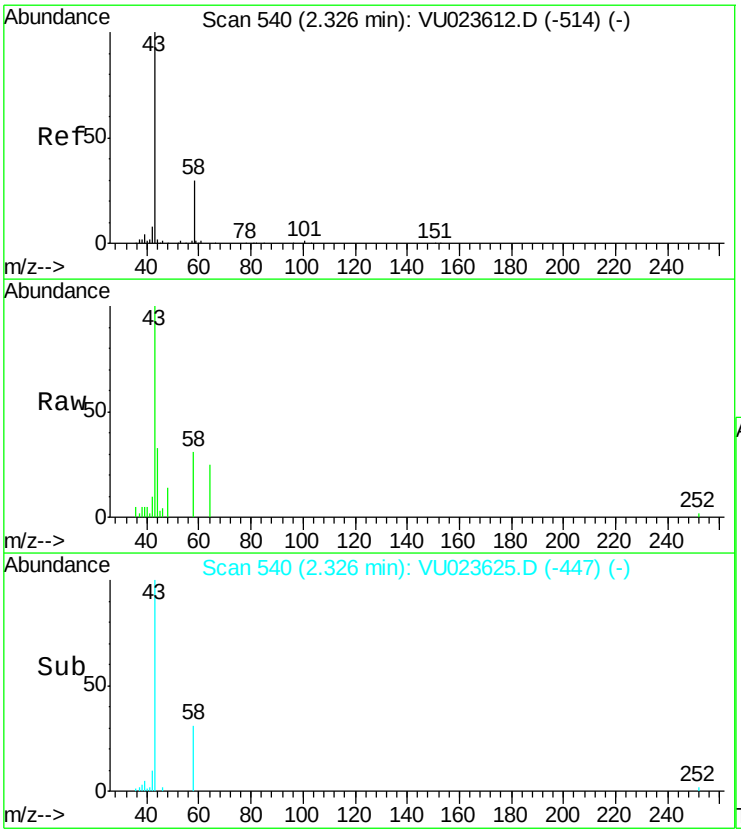


#12
1,1-Dichloroethene
Concen: 1.13 ug/L
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU023625.D
Acq: 04 May 2018 02:15

Tgt Ion: 96 Resp: 5592

Ion	Ratio	Lower	Upper
96	100		
61	217.0	127.4	236.6
63	391.9	84.8	157.4#

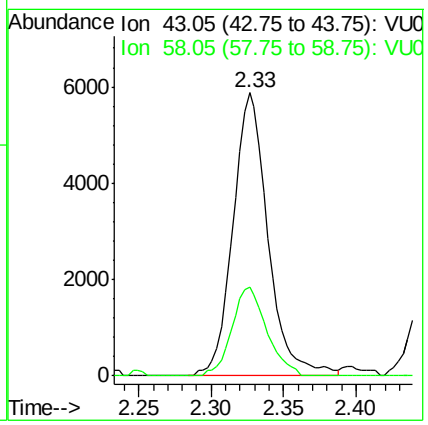


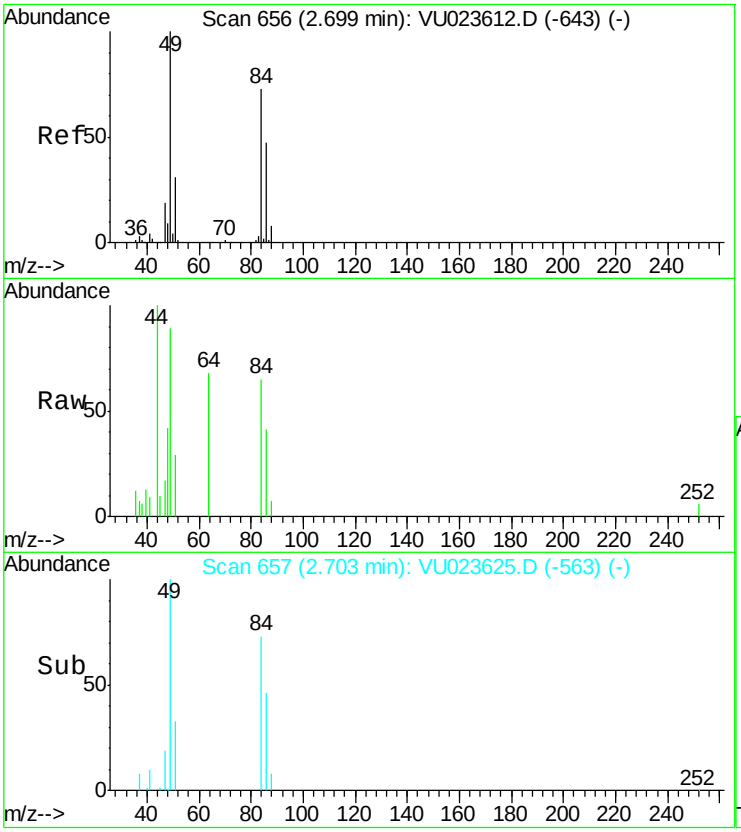


#13
Acetone
Concen: 9.74 ug/L
RT: 2.33 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU023625.D
Acq: 04 May 2018 02:15

Tgt Ion: 43 Resp: 9846

Ion	Ratio	Lower	Upper
43	100		
58	31.2	0.0	63.8

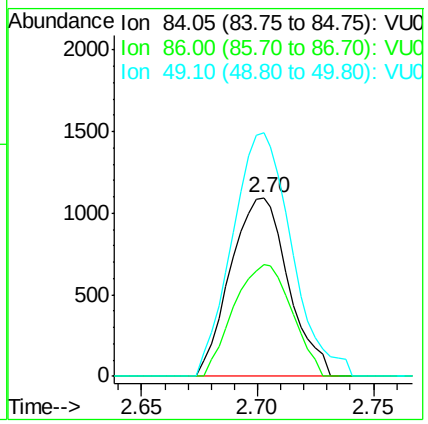


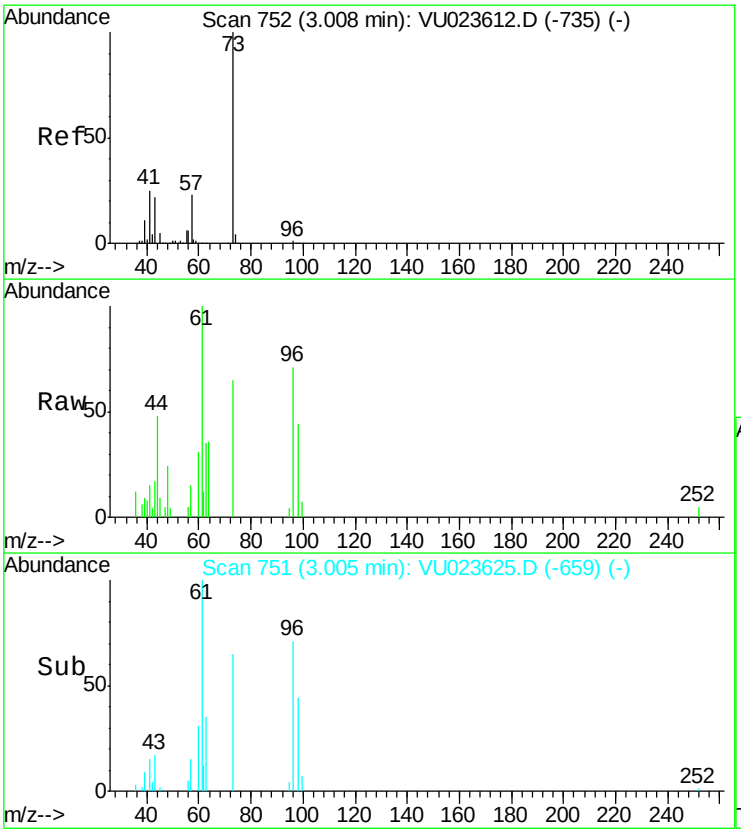


#16
Methylene chloride
Concen: 0.33 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU023625.D
Acq: 04 May 2018 02:15

Tgt Ion: 84 Resp: 1897

Ion	Ratio	Lower	Upper
84	100		
86	62.5	46.0	85.4
49	136.3	96.0	178.4

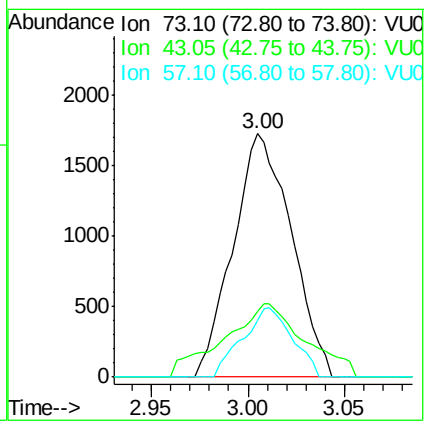


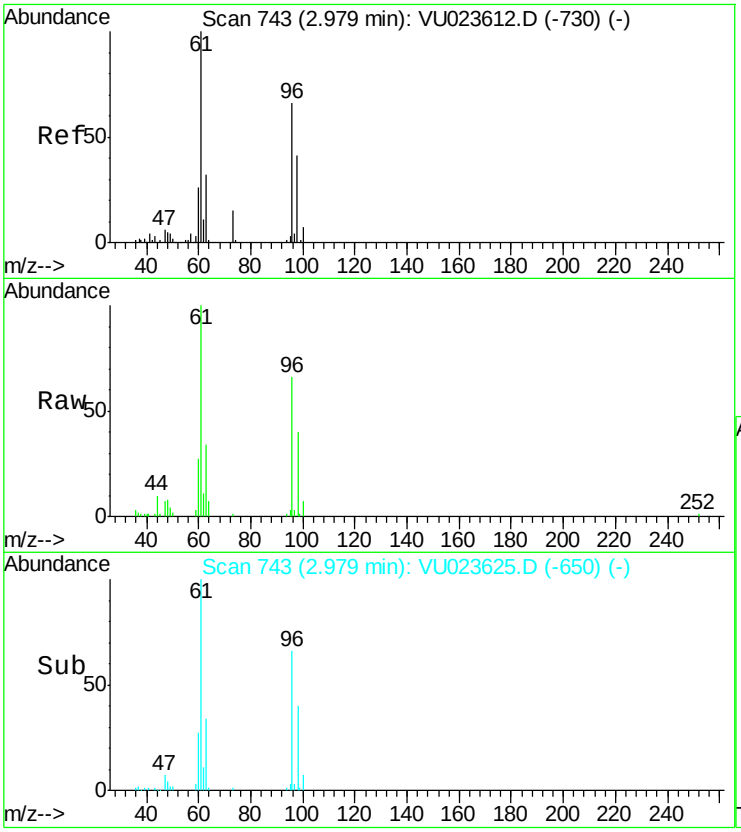


#17
Methyl tert-butyl Ether
Concen: 0.28 ug/L
RT: 3.00 min Scan# 751
Delta R.T. -0.00 min
Lab File: VU023625.D
Acq: 04 May 2018 02:15

Tgt Ion: 73 Resp: 3619

Ion	Ratio	Lower	Upper
73	100		
43	41.8	16.6	25.0#
57	24.5	19.4	29.0

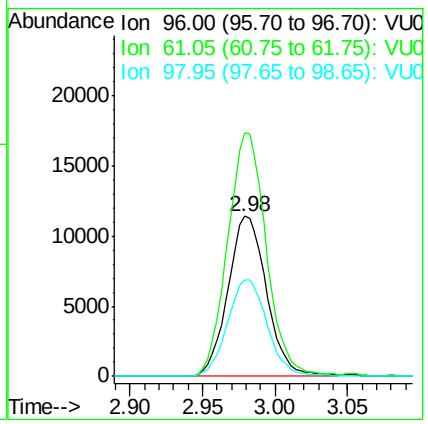


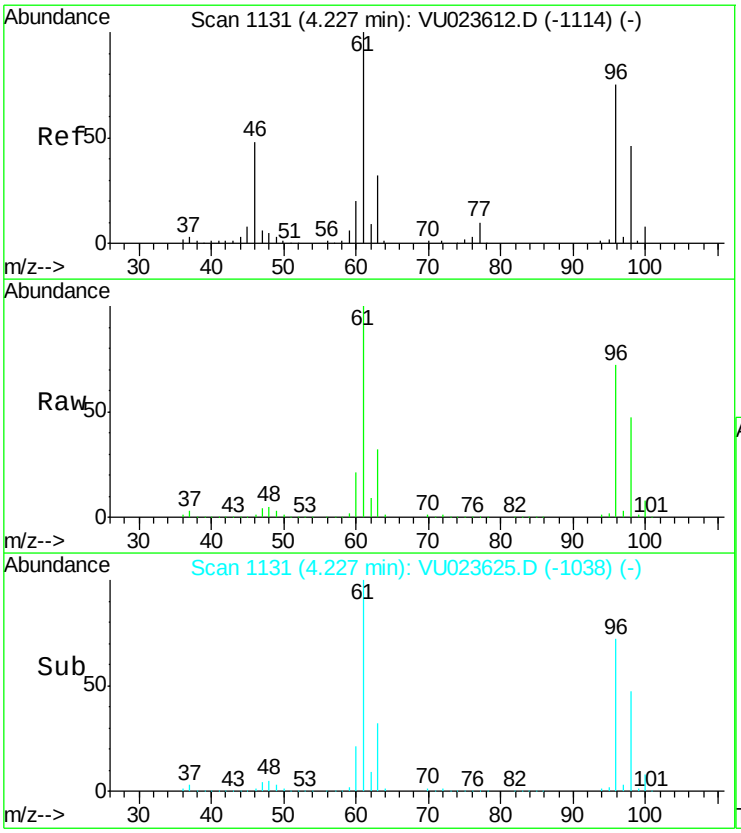


#18
trans-1,2-Dichloroethene
Concen: 3.86 ug/L
RT: 2.98 min Scan# 743
Delta R.T. -0.00 min
Lab File: VU023625.D
Acq: 04 May 2018 02:15

Tgt Ion: 96 Resp: 21159

Ion	Ratio	Lower	Upper
96	100		
61	152.2	109.0	202.4
98	60.4	44.7	83.1

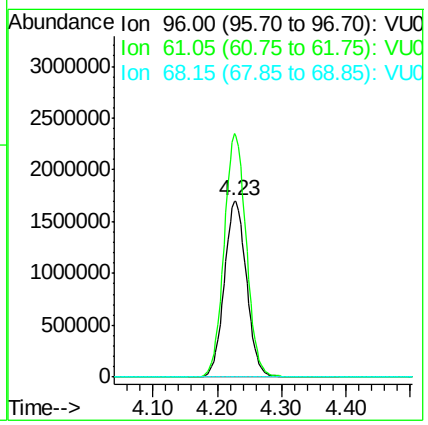


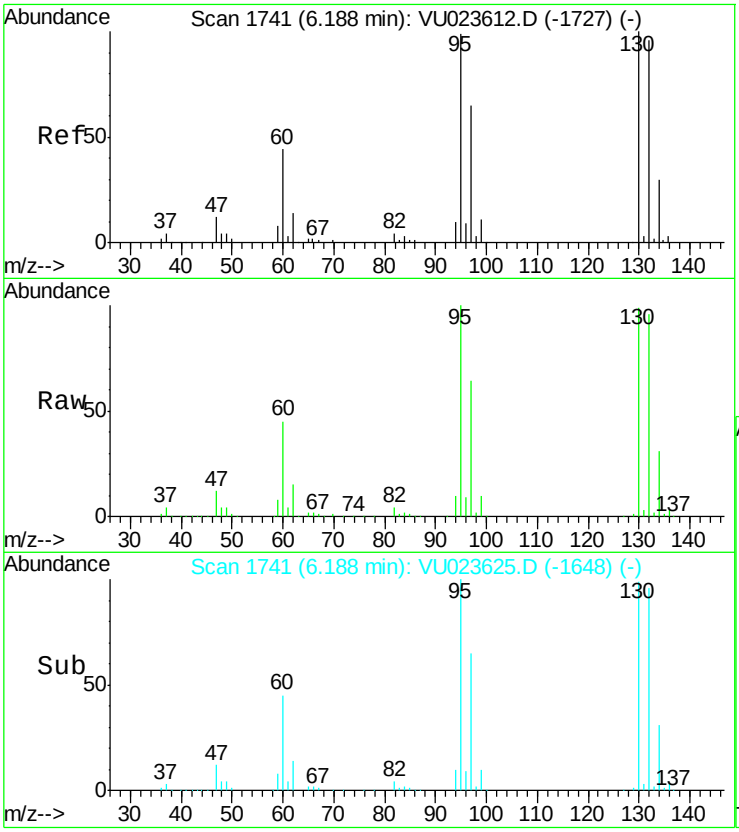


#22
cis-1,2-Dichloroethene
Concen: 624.03 ug/L
RT: 4.23 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VU023625.D
Acq: 04 May 2018 02:15

Tgt Ion: 96 Resp: 4066704

Ion	Ratio	Lower	Upper
96	100		
61	138.3	94.6	175.6
68	0.0	0.0	0.0

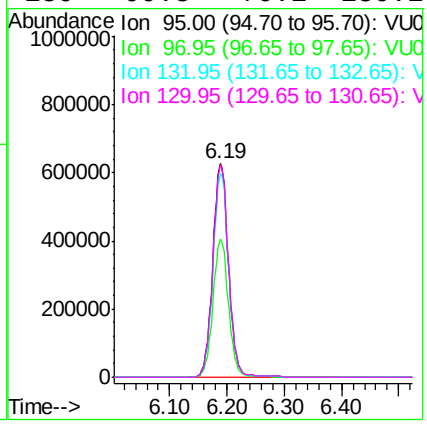


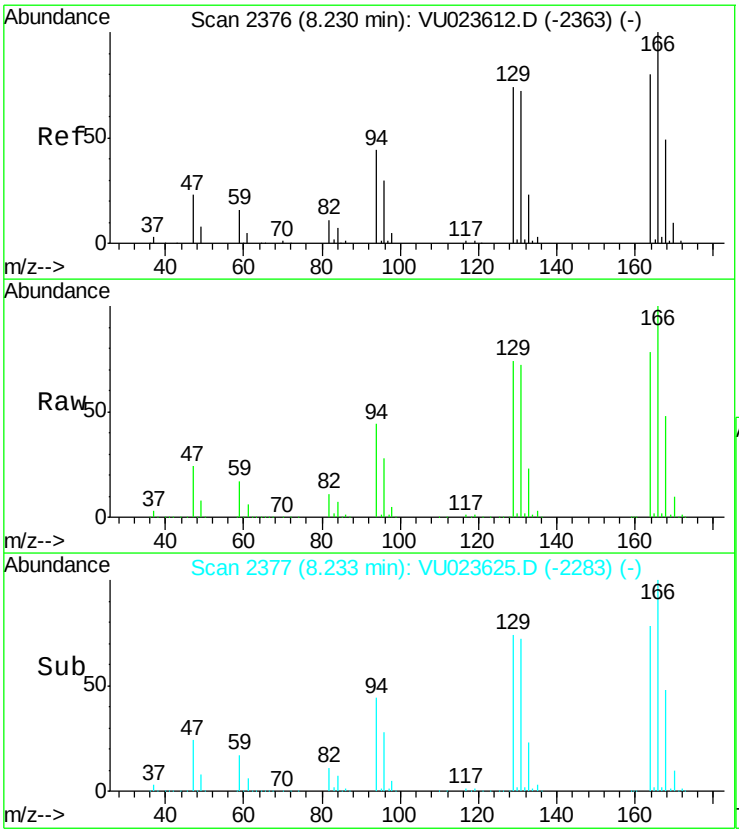


#34
Trichloroethene
Concen: 195.81 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU023625.D
Acq: 04 May 2018 02:15

Tgt Ion: 95 Resp: 1195724

Ion	Ratio	Lower	Upper
95	100		
97	64.5	46.0	85.4
132	95.5	68.1	126.5
130	99.3	70.1	130.1





#47
Tetrachloroethene
Concen: 369.73 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU023625.D
Acq: 04 May 2018 02:15

Tgt Ion:164 Resp: 1788003

Ion	Ratio	Lower	Upper
164	100		
129	94.7	64.4	119.6
131	91.6	63.9	118.7
166	127.8	90.0	167.2