

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050418\
 Data File : VU023614.D
 Acq On : 03 May 2018 21:16
 Operator : MD/SY
 Sample : J2630-04
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 04 04:51:08 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	79161	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	67263	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	26620	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29030	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.68	69	28177	6.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	132.00%#
11) 1,1-Dichloroethene-d2	2.27	63	27508	2.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.60%#
20) 2-Butanone-d5	4.20	46	156848	94.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	188.84%#
24) Chloroform-d	4.65	84	67833	6.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	131.80%#
26) 1,2-Dichloroethane-d4	5.32	65	44676	8.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	162.00%#
32) Benzene-d6	5.34	84	107739	6.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.80%
36) 1,2-Dichloropropane-d6	6.34	67	47892	8.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	163.00%#
41) Toluene-d8	7.57	98	60844	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
43) trans-1,3-Dichloropropene-	7.86	79	11015	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
46) 2-Hexanone-d5	8.32	63	104657	94.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	188.66%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	43915	9.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	187.80%#
64) 1,2-Dichlorobenzene-d4	11.87	152	28557	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

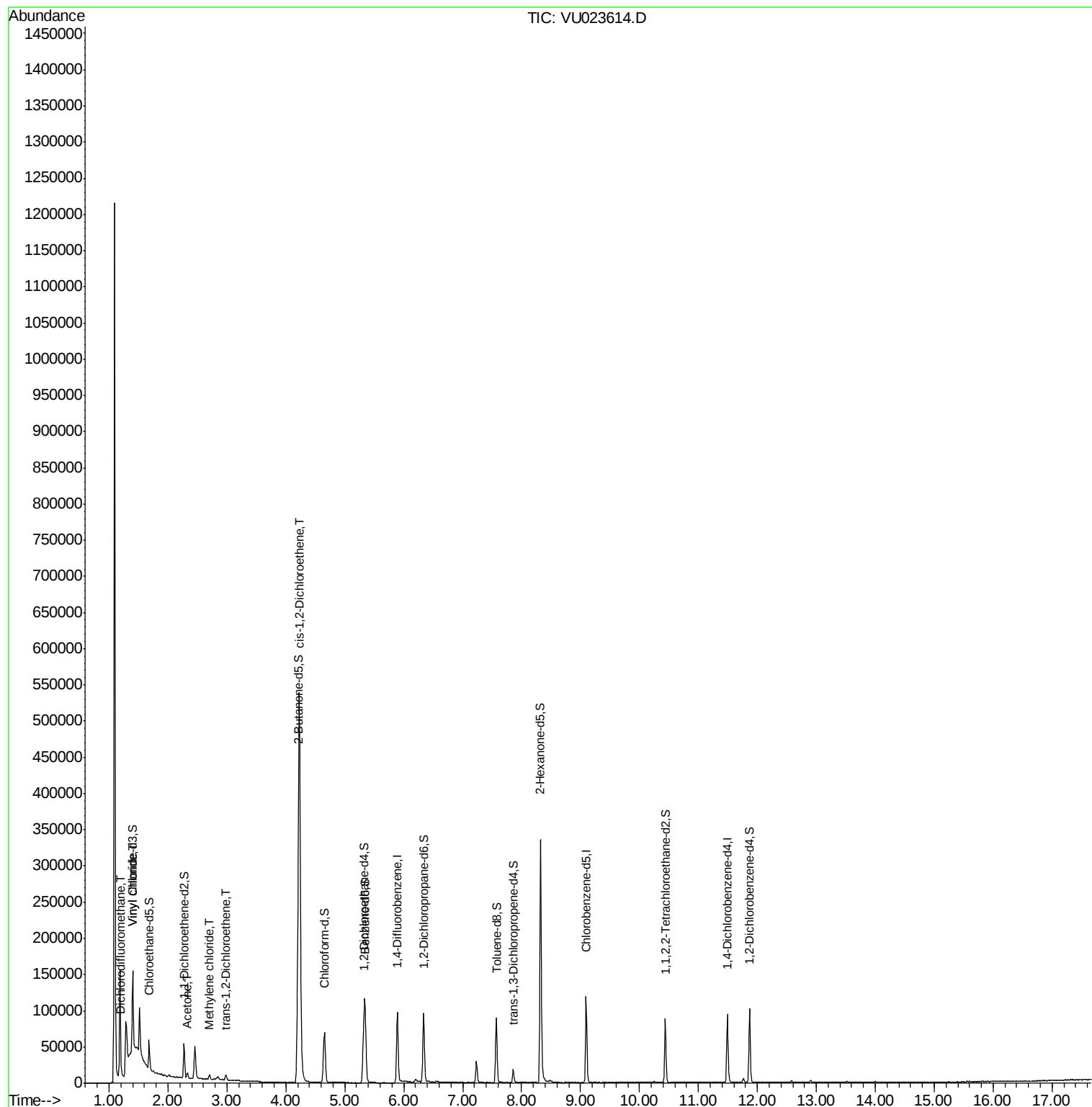
Target Compounds

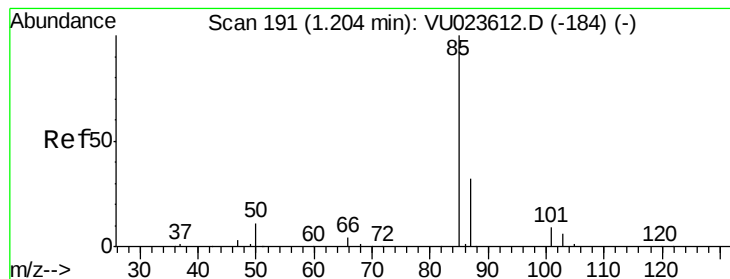
					Ovalue
2) Dichlorodifluoromethane	1.21	85	3291	0.44	ug/L 95
5) Vinyl chloride	1.40	62	44561	6.02	ug/L # 13
13) Acetone	2.33	43	8446	8.90	ug/L 93
16) Methylene chloride	2.70	84	2511	0.47	ug/L 98
18) trans-1,2-Dichloroethene	2.98	96	2622	0.51	ug/L 99
22) cis-1,2-Dichloroethene	4.23	96	269970	44.10	ug/L 98

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

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#2

Dichlorodifluoromethane

Concen: 0.44 ug/L

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU023614.D

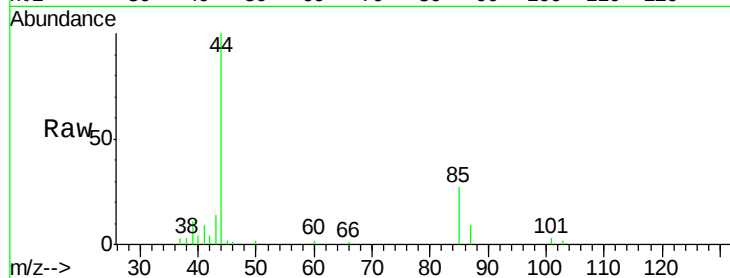
Acq: 03 May 2018 21:16

Tot Ion: 85 Resp: 3291

Ion Ratio Lower Upper

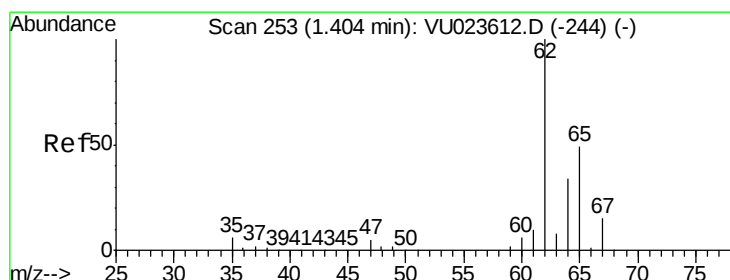
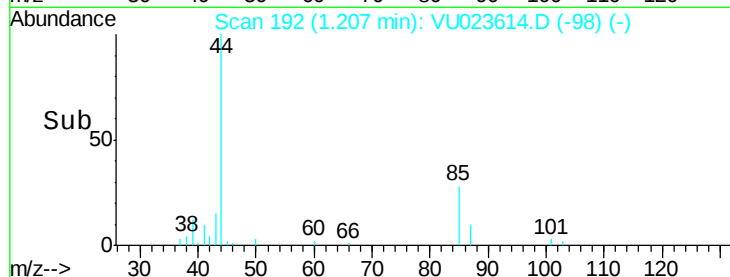
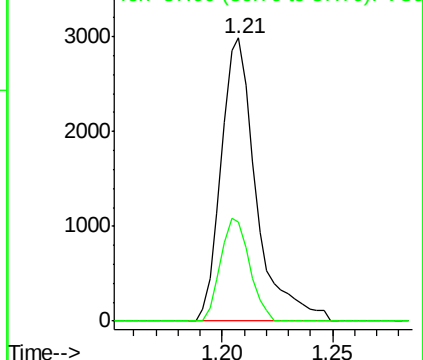
85 100

87 29.8 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#5

Vinyl chloride

Concen: 6.02 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023614.D

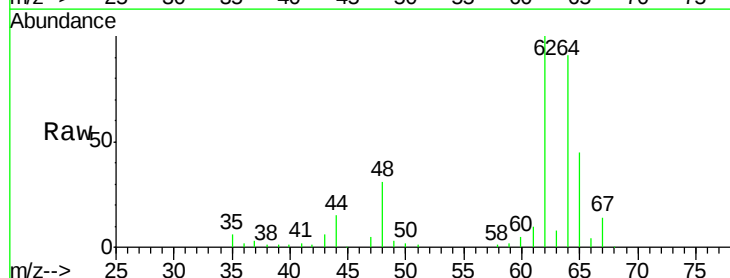
Acq: 03 May 2018 21:16

Tgt Ion: 62 Resp: 44561

Ion Ratio Lower Upper

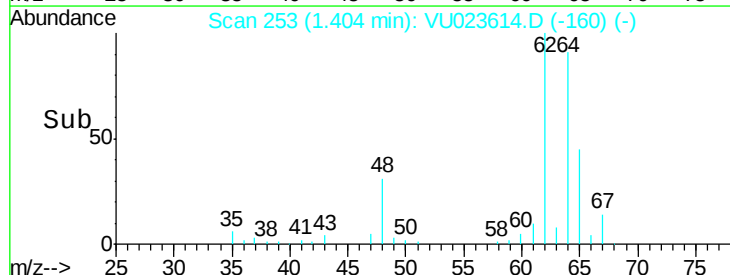
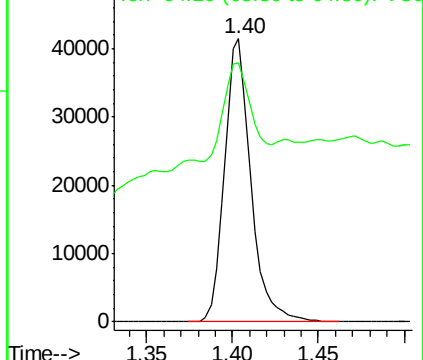
62 100

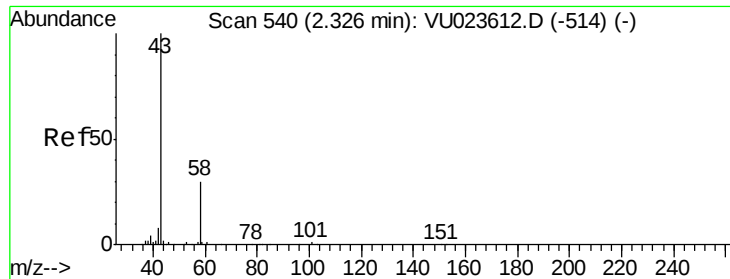
64 91.3 26.9 49.9#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0





#13

Acetone

Concen: 8.90 ug/L

RT: 2.33 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU023614.D

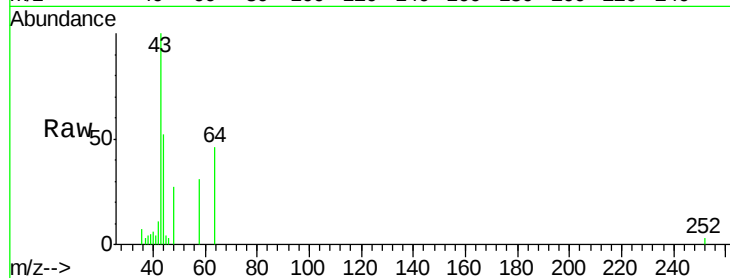
Acq: 03 May 2018 21:16

Tot Ion: 43 Resp: 8446

Ion Ratio Lower Upper

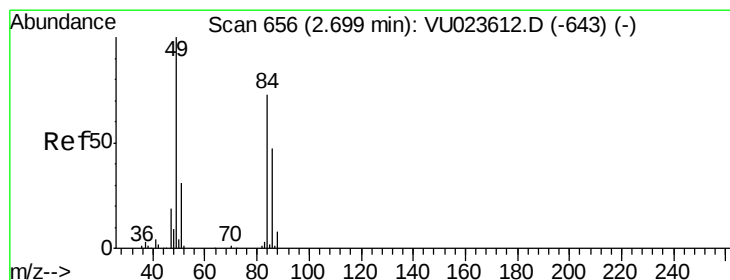
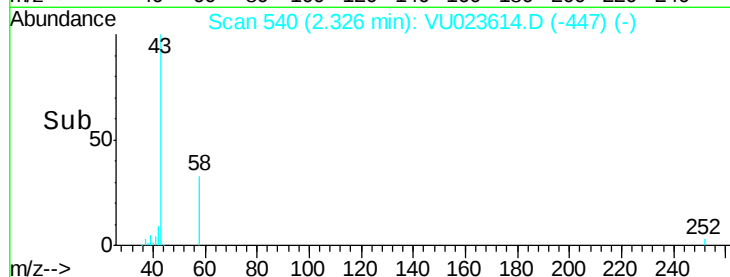
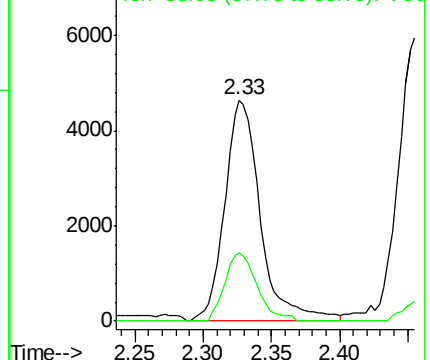
43 100

58 27.8 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.47 ug/L

RT: 2.70 min Scan# 656

Delta R.T. -0.00 min

Lab File: VU023614.D

Acq: 03 May 2018 21:16

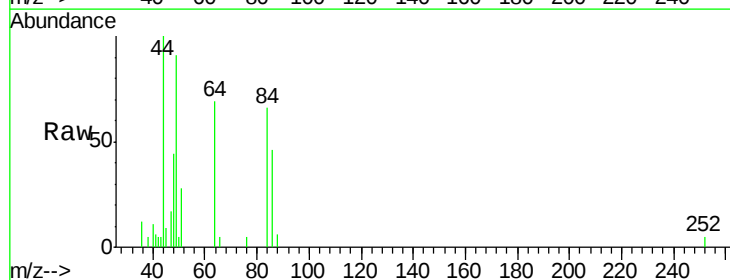
Tgt Ion: 84 Resp: 2511

Ion Ratio Lower Upper

84 100

86 70.2 46.0 85.4

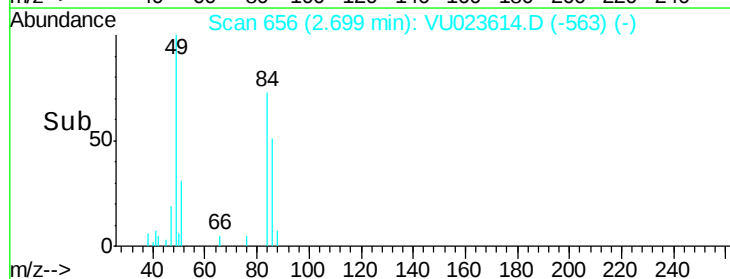
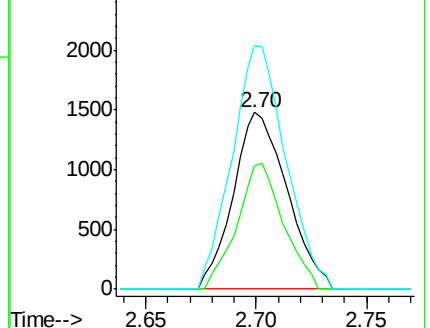
49 137.8 96.0 178.4

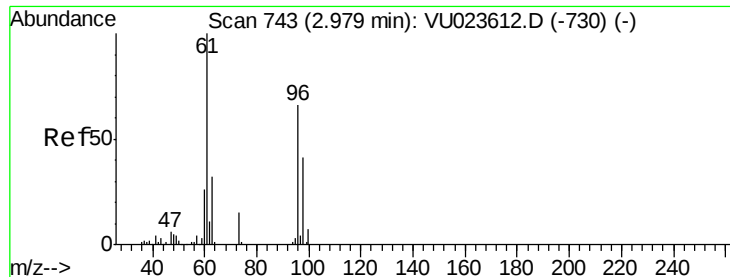


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#18

trans-1,2-Dichloroethene

Concen: 0.51 ug/L

RT: 2.98 min Scan# 744

Delta R.T. 0.00 min

Lab File: VU023614.D

Acq: 03 May 2018 21:16

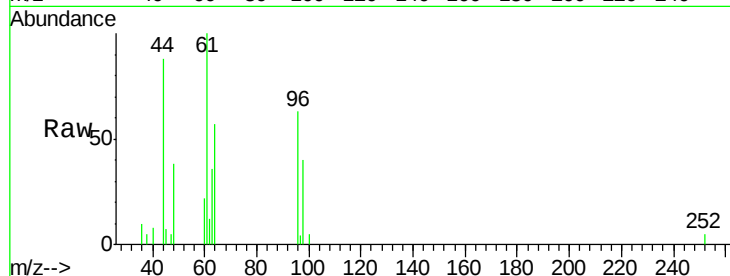
Tot Ion: 96 Resp: 2622

Ion Ratio Lower Upper

96 100

61 158.2 109.0 202.4

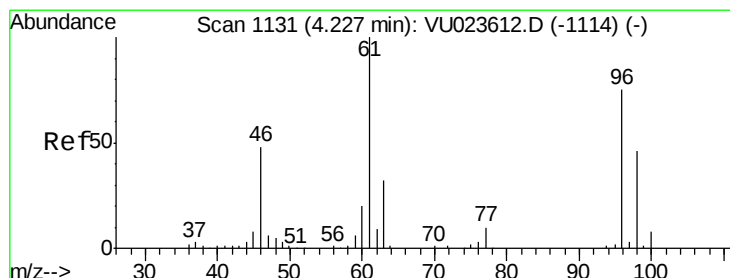
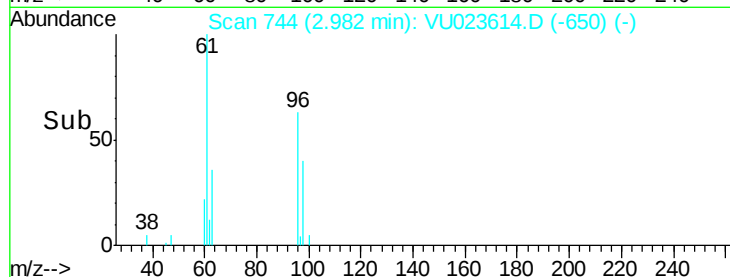
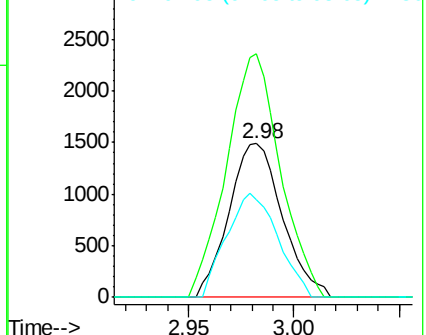
98 63.8 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#22

cis-1,2-Dichloroethene

Concen: 44.10 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU023614.D

Acq: 03 May 2018 21:16

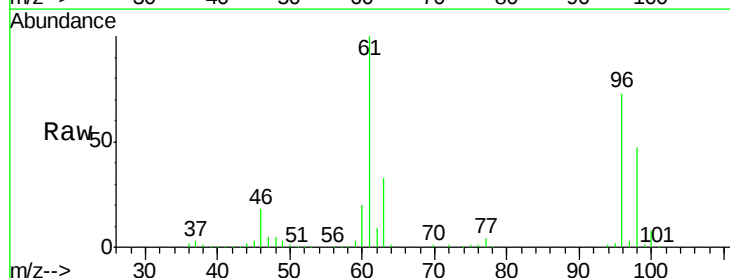
Tgt Ion: 96 Resp: 269970

Ion Ratio Lower Upper

96 100

61 137.3 94.6 175.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

