

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050518\
 Data File : VU023670.D
 Acq On : 05 May 2018 16:18
 Operator : MD/SY
 Sample : J2630-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 06 01:25:30 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun May 06 01:00:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	149381	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	148433	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	67365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44907	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.68	69	38233	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.27	63	62086	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.20	46	154808	49.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.78%
24) Chloroform-d	4.65	84	90807	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.32	65	50947	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.34	84	177574	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.34	67	62157	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.57	98	148113	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	7.85	79	19406	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.32	63	116623	47.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.26%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	49909	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.87	152	64027	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

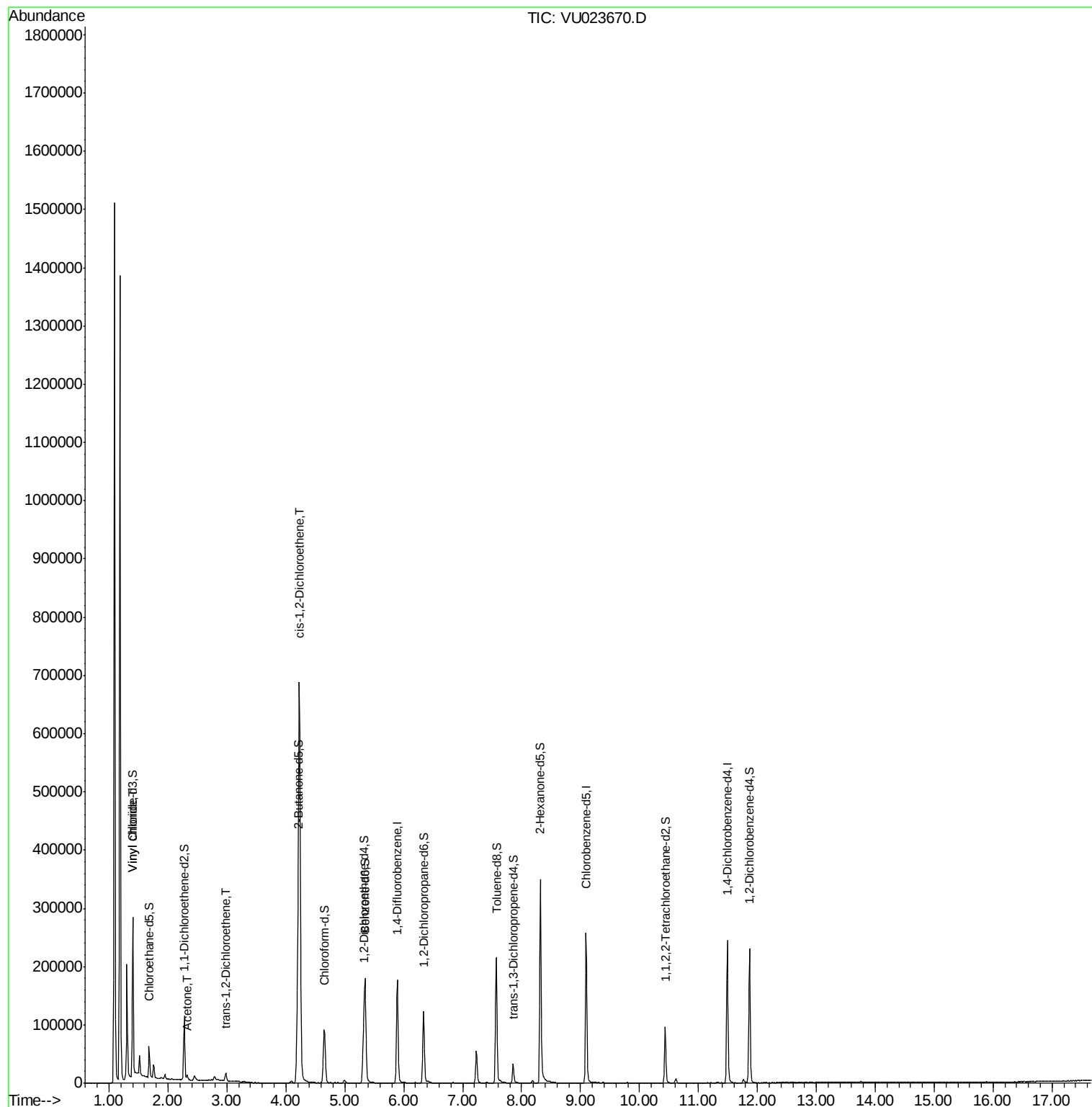
Target Compounds

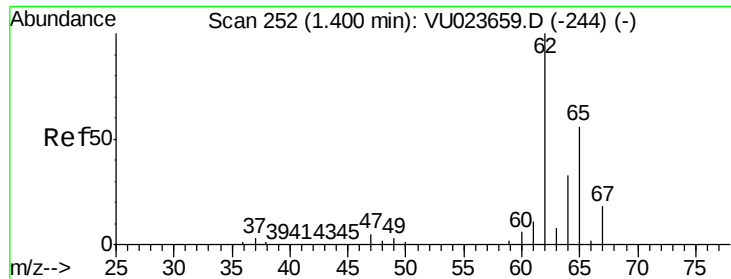
					Ovalue
5) Vinyl chloride	1.40	62	75074	5.38	ug/L 99
13) Acetone	2.32	43	8376	4.68	ug/L 97
18) trans-1,2-Dichloroethene	2.99	96	4416	0.45	ug/L 96
22) cis-1,2-Dichloroethene	4.23	96	365217	31.62	ug/L 98

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

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#5

Vinyl chloride

Concen: 5.38 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

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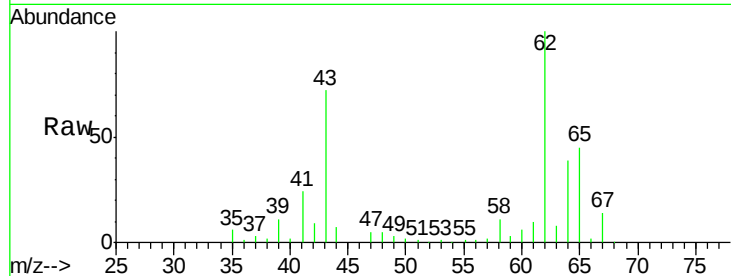
Acq: 05 May 2018 16:18

Tot Ion: 62 Resp: 75074

Ion Ratio Lower Upper

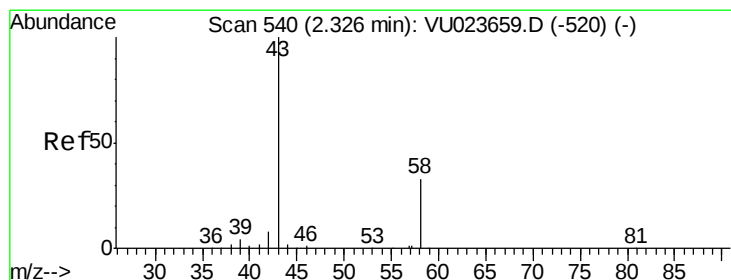
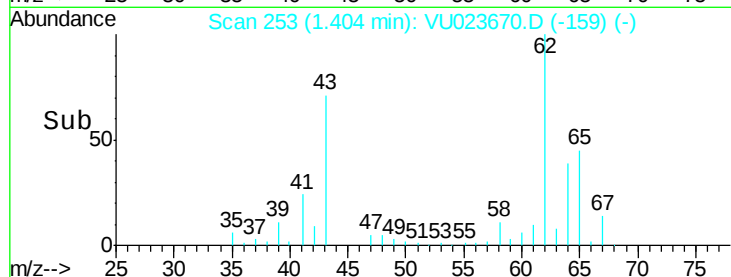
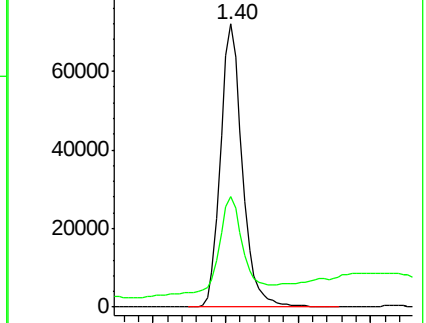
62 100

64 39.0 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: 4.68 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU023670.D

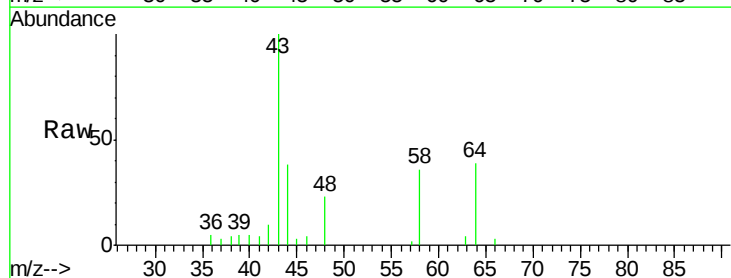
Acq: 05 May 2018 16:18

Tgt Ion: 43 Resp: 8376

Ion Ratio Lower Upper

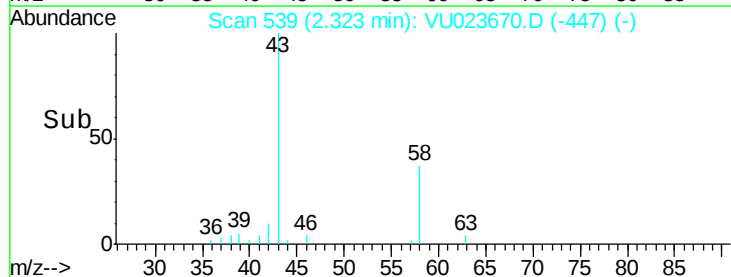
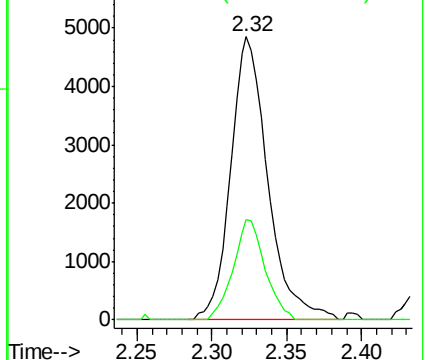
43 100

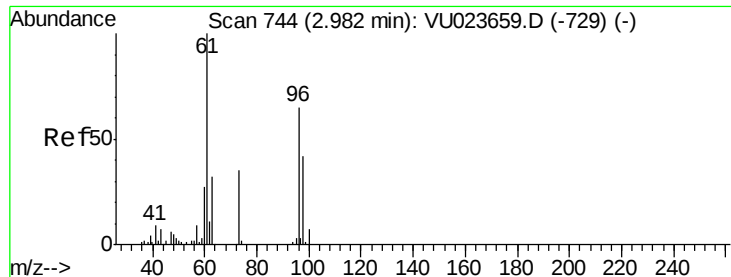
58 30.3 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#18

trans-1,2-Dichloroethene

Concen: 0.45 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU023670.D

Acq: 05 May 2018 16:18

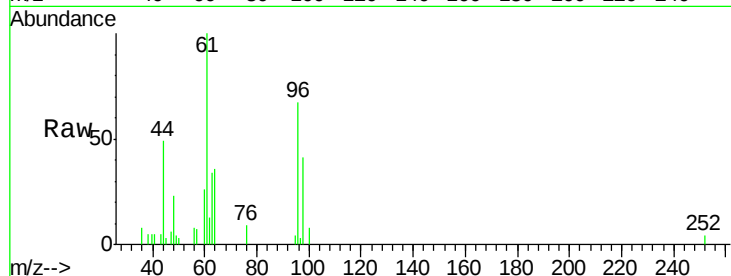
Tot Ion: 96 Resp: 4416

Ion Ratio Lower Upper

96 100

61 149.4 109.0 202.4

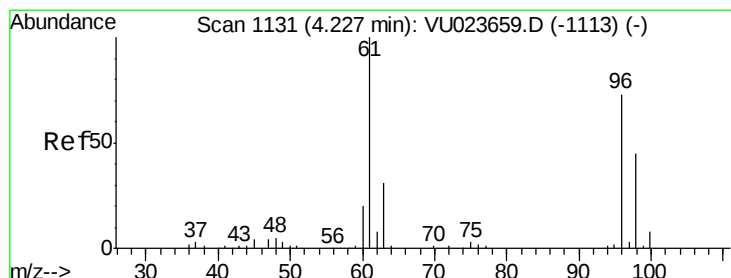
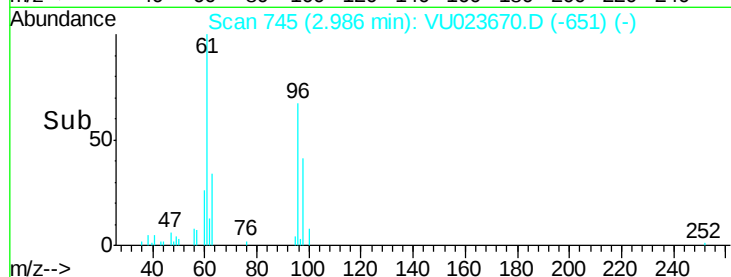
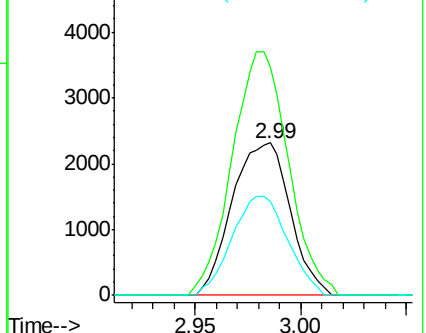
98 61.2 44.7 83.1



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: 31.62 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

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Acq: 05 May 2018 16:18

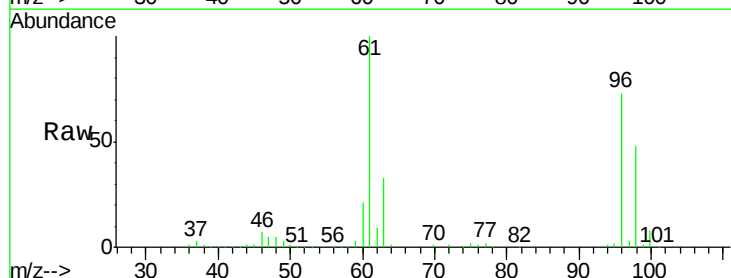
Tgt Ion: 96 Resp: 365217

Ion Ratio Lower Upper

96 100

61 137.0 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

