

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050418\
 Data File : VU023653.D
 Acq On : 05 May 2018 01:18
 Operator : MD/SY
 Sample : J2630-18 100X
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Quant Time: May 05 02:01:19 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 05 01:17:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	137022	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	142332	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62371	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	46734	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.68	69	40703	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.27	63	69706	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.20	46	156940	54.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.16%
24) Chloroform-d	4.65	84	92297	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.32	65	54314	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	5.34	84	189917	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.34	67	66512	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.57	98	157822	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.86	79	19756	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.32	63	125105	53.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.58%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	52785	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.87	152	64308	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

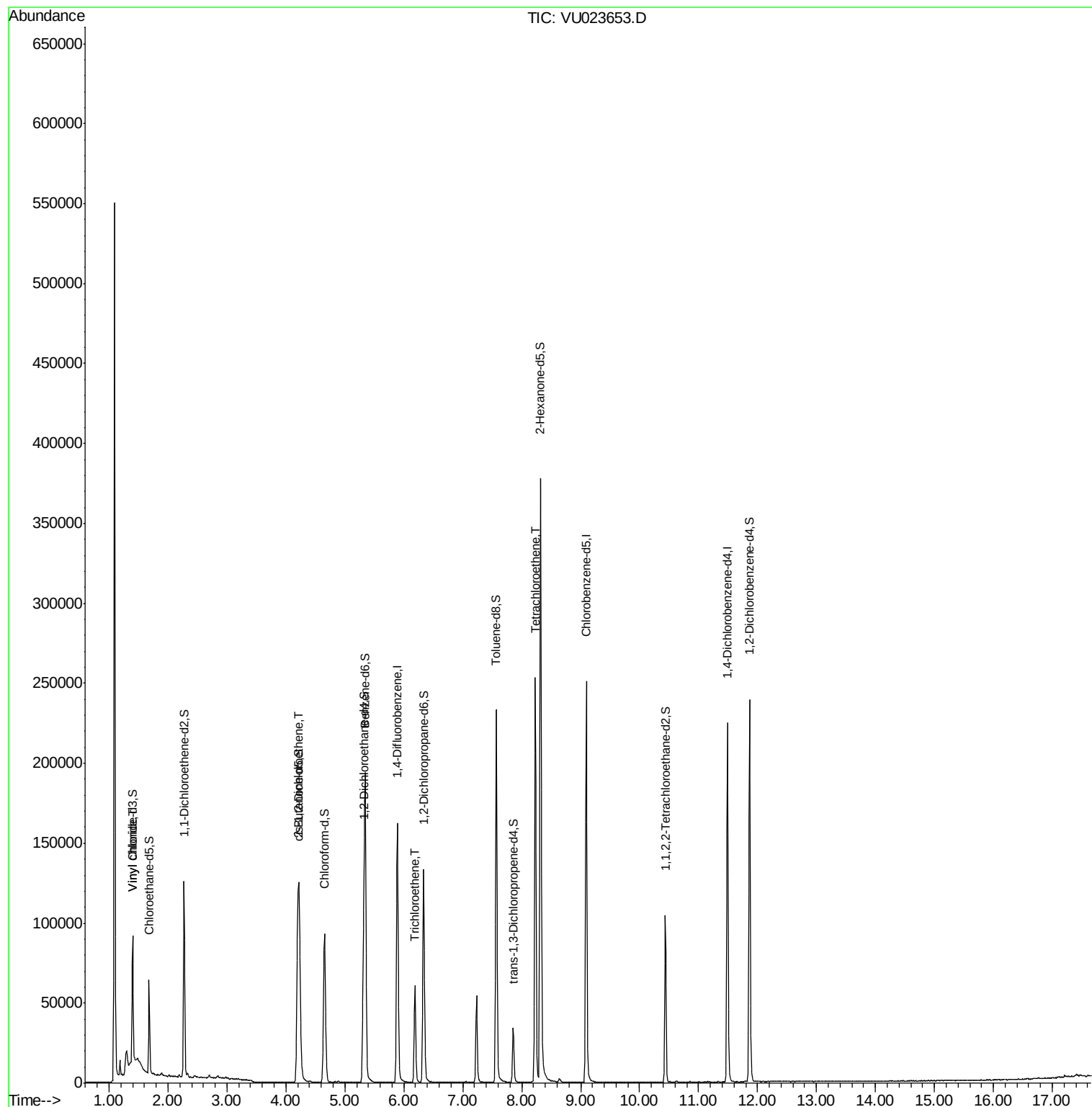
Target Compounds

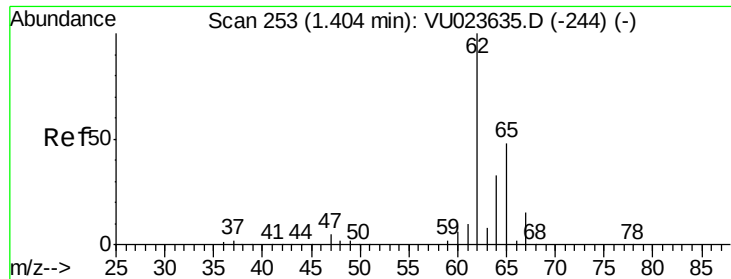
					Ovalue
5) Vinyl chloride	1.40	62	6797	0.53	ug/L # 1
22) cis-1,2-Dichloroethene	4.23	96	44128	4.16	ug/L 98
34) Trichloroethene	6.19	95	21555	1.93	ug/L 97
47) Tetrachloroethene	8.23	164	59444	6.72	ug/L 99

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

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#5

Vinyl chloride

Concen: 0.53 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023653.D

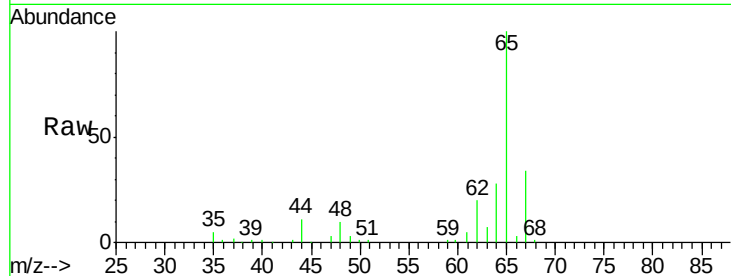
Acq: 05 May 2018 01:18

Tot Ion: 62 Resp: 6797

Ion Ratio Lower Upper

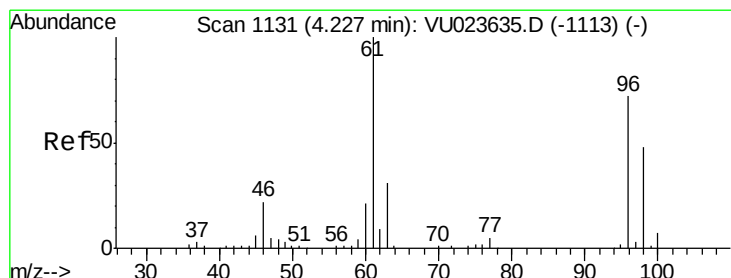
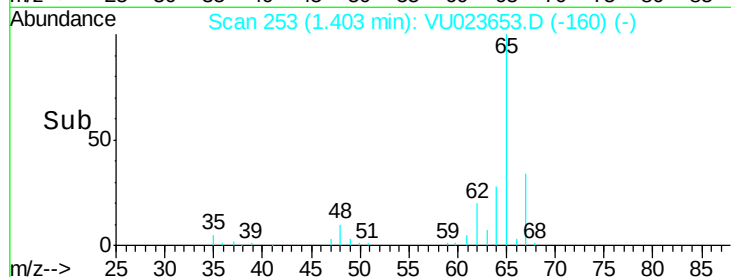
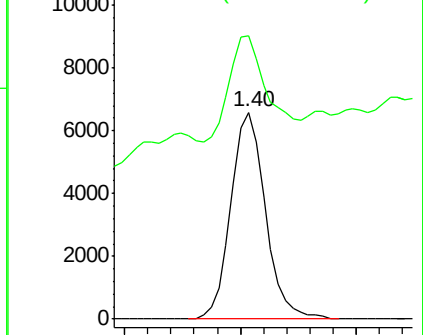
62 100

64 136.6 26.9 49.9#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#22

cis-1,2-Dichloroethene

Concen: 4.16 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU023653.D

Acq: 05 May 2018 01:18

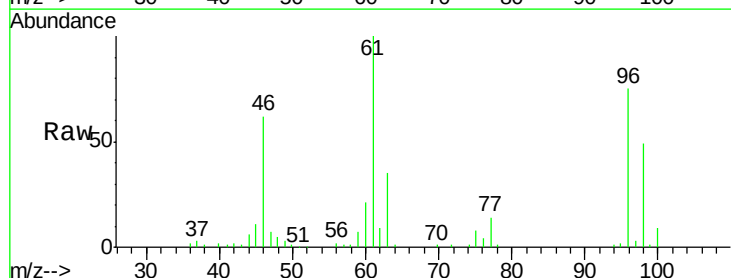
Tgt Ion: 96 Resp: 44128

Ion Ratio Lower Upper

96 100

61 132.7 94.6 175.6

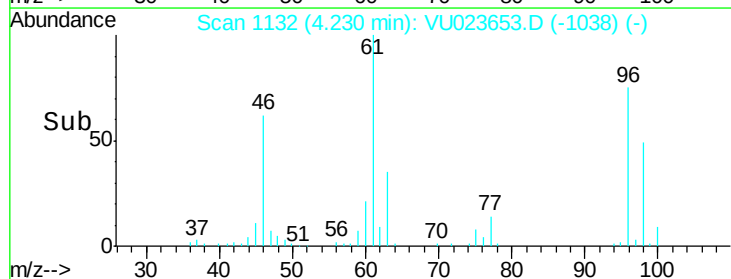
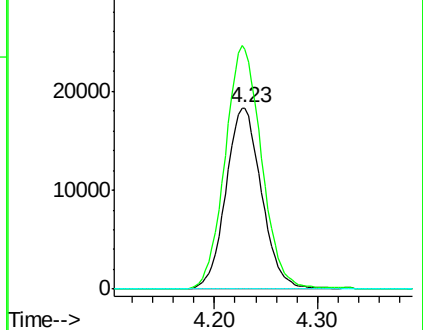
68 0.0 0.0 0.0

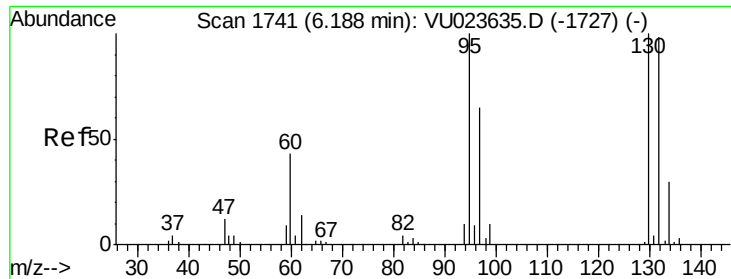


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

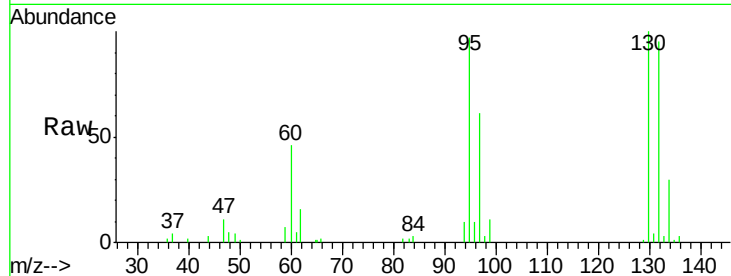
Ion 68.15 (67.85 to 68.85): VU0



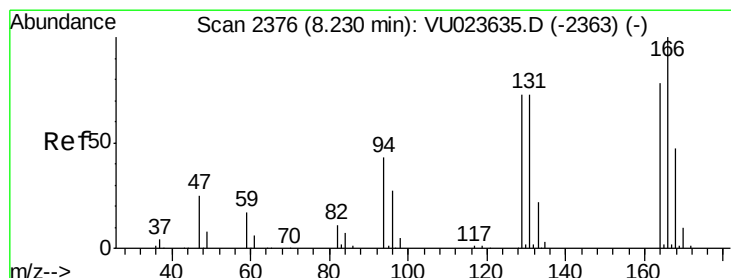
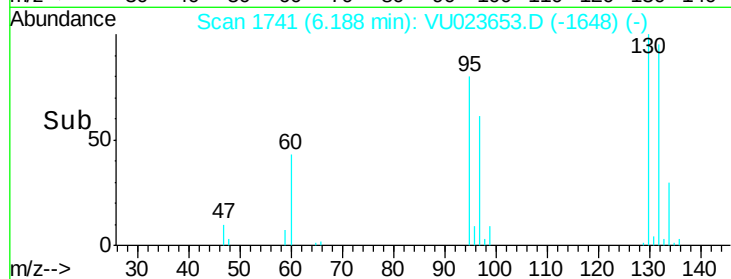
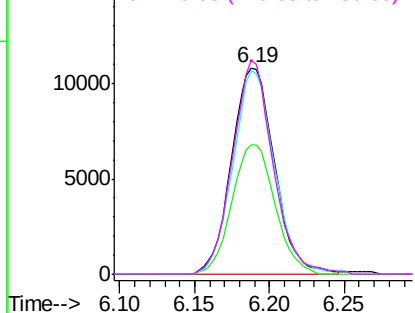


#34
 Trichloroethene
 Concen: 1.93 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU023653.D
 Acq: 05 May 2018 01:18

Tot Ion: 95 Resp: 21555
 Ion Ratio Lower Upper
 95 100
 97 62.8 46.0 85.4
 132 98.5 68.1 126.5
 130 103.5 70.1 130.1

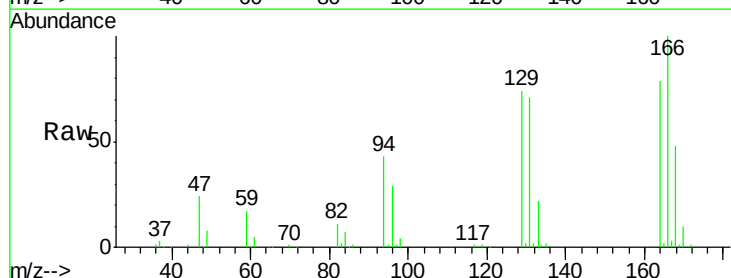


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#47
 Tetrachloroethene
 Concen: 6.72 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU023653.D
 Acq: 05 May 2018 01:18

Tgt Ion: 164 Resp: 59444
 Ion Ratio Lower Upper
 164 100
 129 94.0 64.4 119.6
 131 90.8 63.9 118.7
 166 127.4 90.0 167.2



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

