

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050118\
 Data File : VU023553.D
 Acq On : 01 May 2018 15:00
 Operator : MD/SY
 Sample : J2558-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 02 03:39:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 02 03:12:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	357014	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	337570	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	163824	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	112439	44.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.88%
7) Chloroethane-d5	1.68	69	86432	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.62%
11) 1,1-Dichloroethene-d2	2.27	63	162405	32.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.84%
21) 2-Butanone-d5	4.18	46	162162	92.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.76%
24) Chloroform-d	4.65	84	156898	37.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.98%
26) 1,2-Dichloroethane-d4	5.31	65	133447	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.70%
32) Benzene-d6	5.35	84	418334	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
36) 1,2-Dichloropropane-d6	6.33	67	146447	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.54%
41) Toluene-d8	7.57	98	387797	46.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.88%
43) trans-1,3-Dichloropropene-	7.85	79	59544	45.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.18%
47) 2-Hexanone-d5	8.31	63	109284	94.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.86%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	177922	45.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.68%
64) 1,2-Dichlorobenzene-d4	11.87	152	153790	48.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.24%

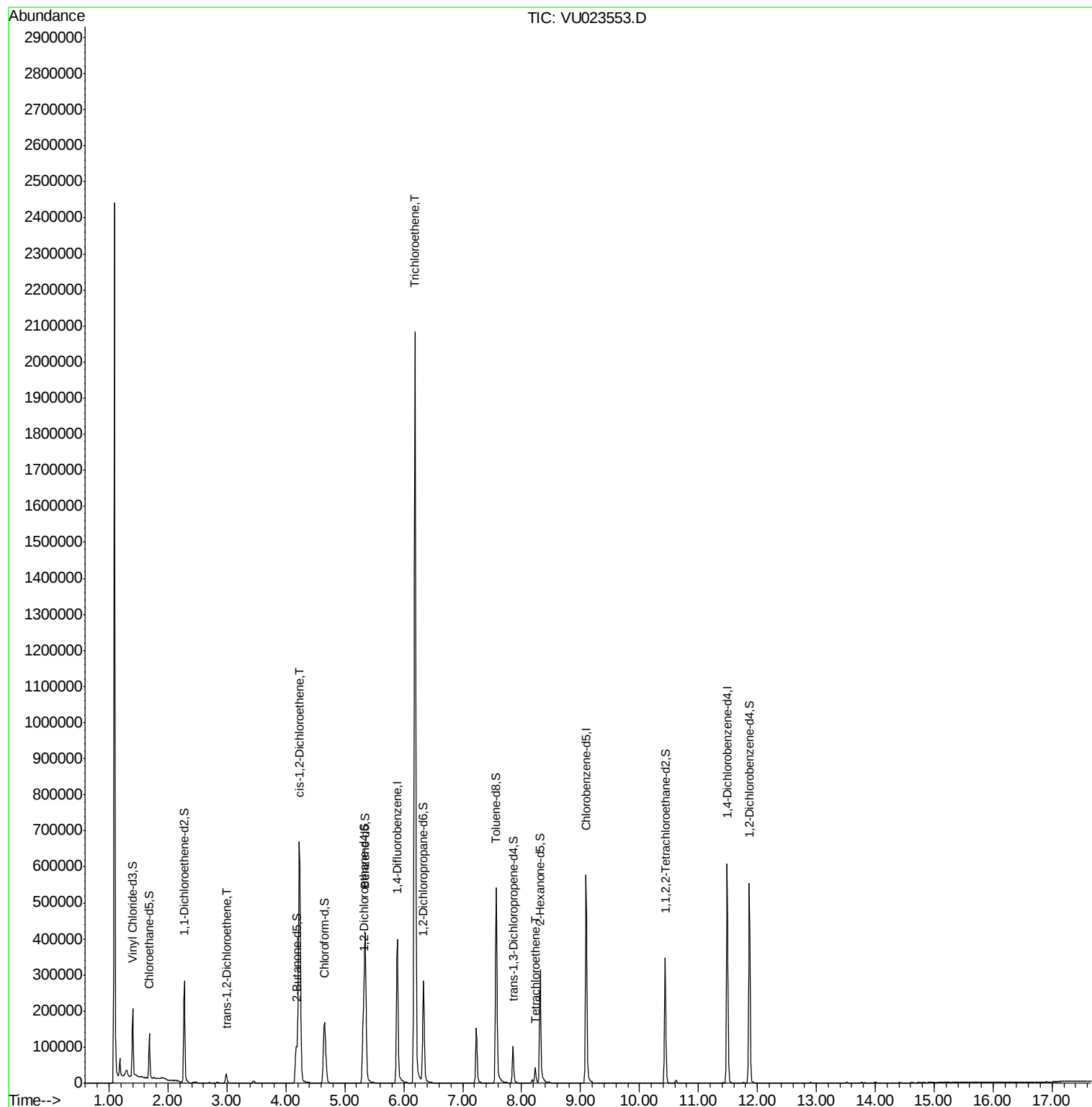
Target Compounds

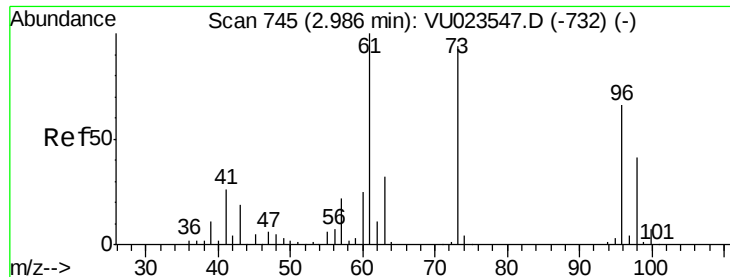
						Ovalue
17) trans-1,2-Dichloroethene	2.99	96	10243	3.59	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	371284	117.34	ug/L	99
34) Trichloroethene	6.19	95	750053	246.09	ug/L	98
46) Tetrachloroethene	8.23	164	10614	4.27	ug/L	98

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

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#17

trans-1,2-Dichloroethene

Concen: 3.59 ug/L

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU023553.D

Acq: 01 May 2018 15:00

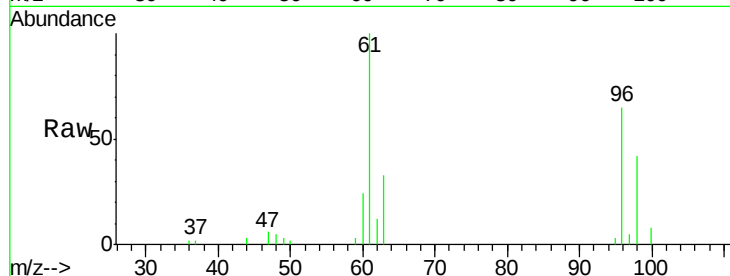
Tot Ion: 96 Resp: 10243

Ion Ratio Lower Upper

96 100

61 154.4 106.9 198.5

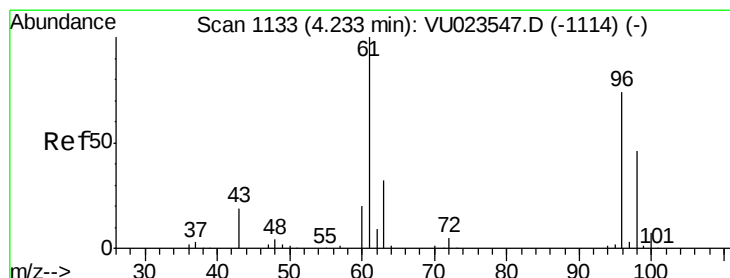
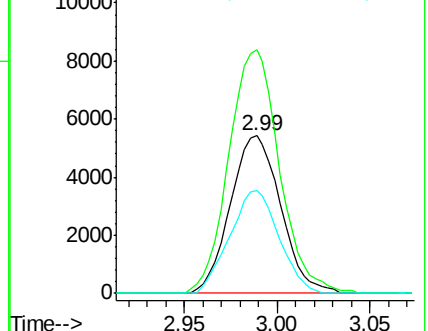
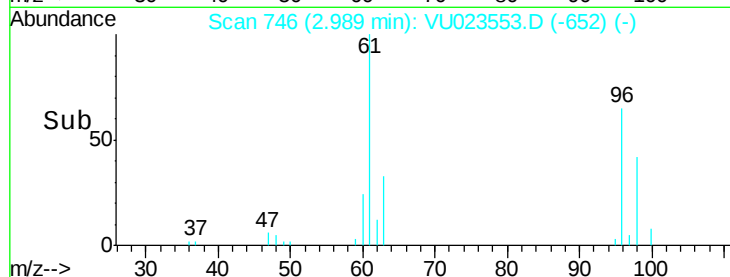
98 65.5 44.2 82.2



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 117.34 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU023553.D

Acq: 01 May 2018 15:00

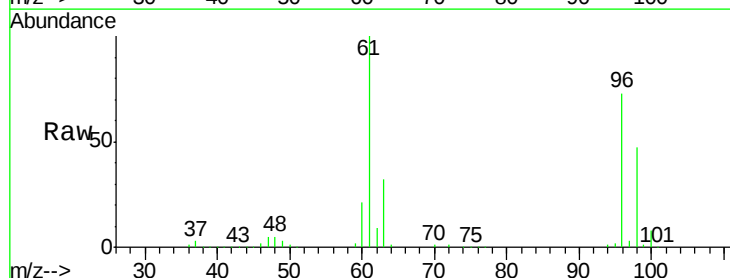
Tgt Ion: 96 Resp: 371284

Ion Ratio Lower Upper

96 100

61 137.7 95.3 177.1

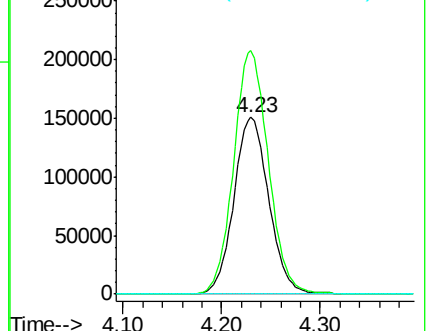
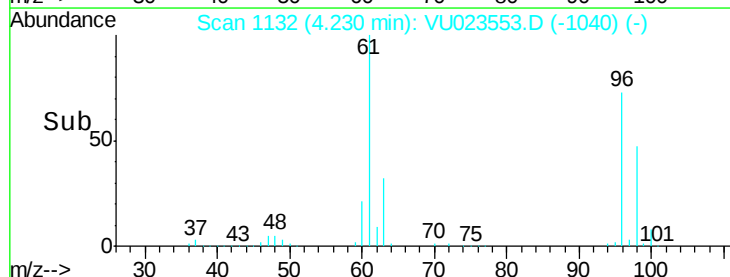
68 0.0 0.0 0.0

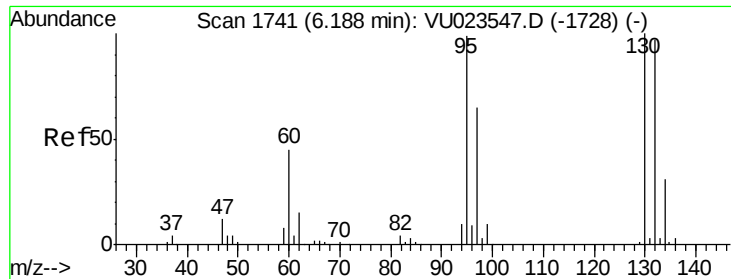


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 246.09 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU023553.D

Acq: 01 May 2018 15:00

Tot Ion: 95 Resp: 750053

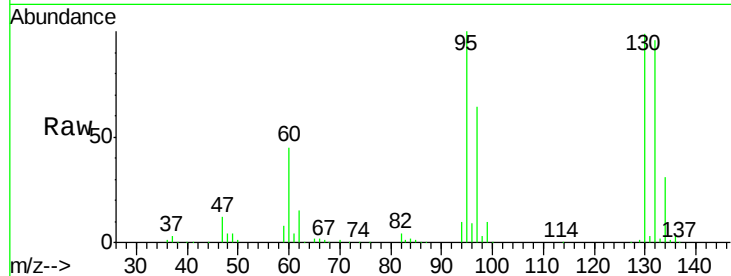
Ion Ratio Lower Upper

95 100

97 64.2 46.3 85.9

132 95.8 68.5 127.1

130 99.0 70.8 131.4

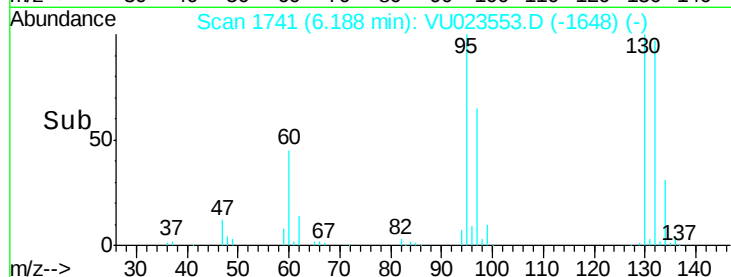


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



Abundance

600000

500000

400000

300000

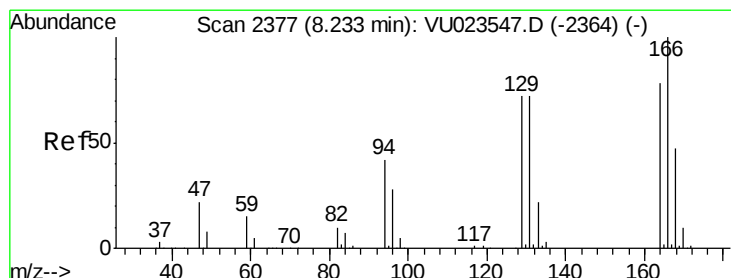
200000

100000

0

Time-->

6.10 6.20 6.30 6.40



#46

Tetrachloroethene

Concen: 4.27 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. -0.00 min

Lab File: VU023553.D

Acq: 01 May 2018 15:00

Tgt Ion:164 Resp: 10614

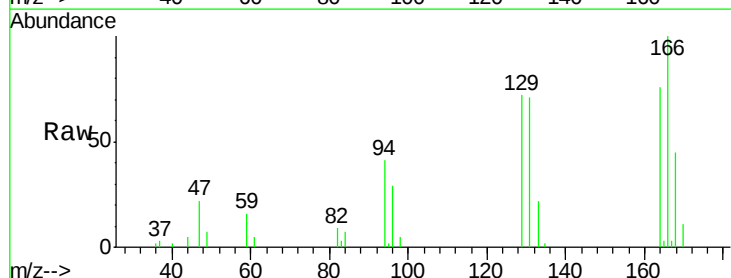
Ion Ratio Lower Upper

164 100

129 94.1 64.2 119.2

131 92.5 64.1 119.1

166 131.0 89.4 166.0

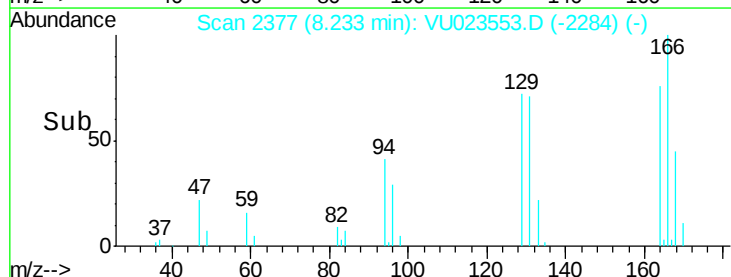


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Abundance

12000

10000

8000

6000

4000

2000

0

Time-->

8.20 8.25 8.30