

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050918\
 Data File : VU023756.D
 Acq On : 09 May 2018 12:23
 Operator : MD/SY
 Sample : J2746-02DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 10 01:35:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 10 01:29:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	365582	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	348784	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	172620	50.00	ug/L	0.00

System Monitoring Compounds

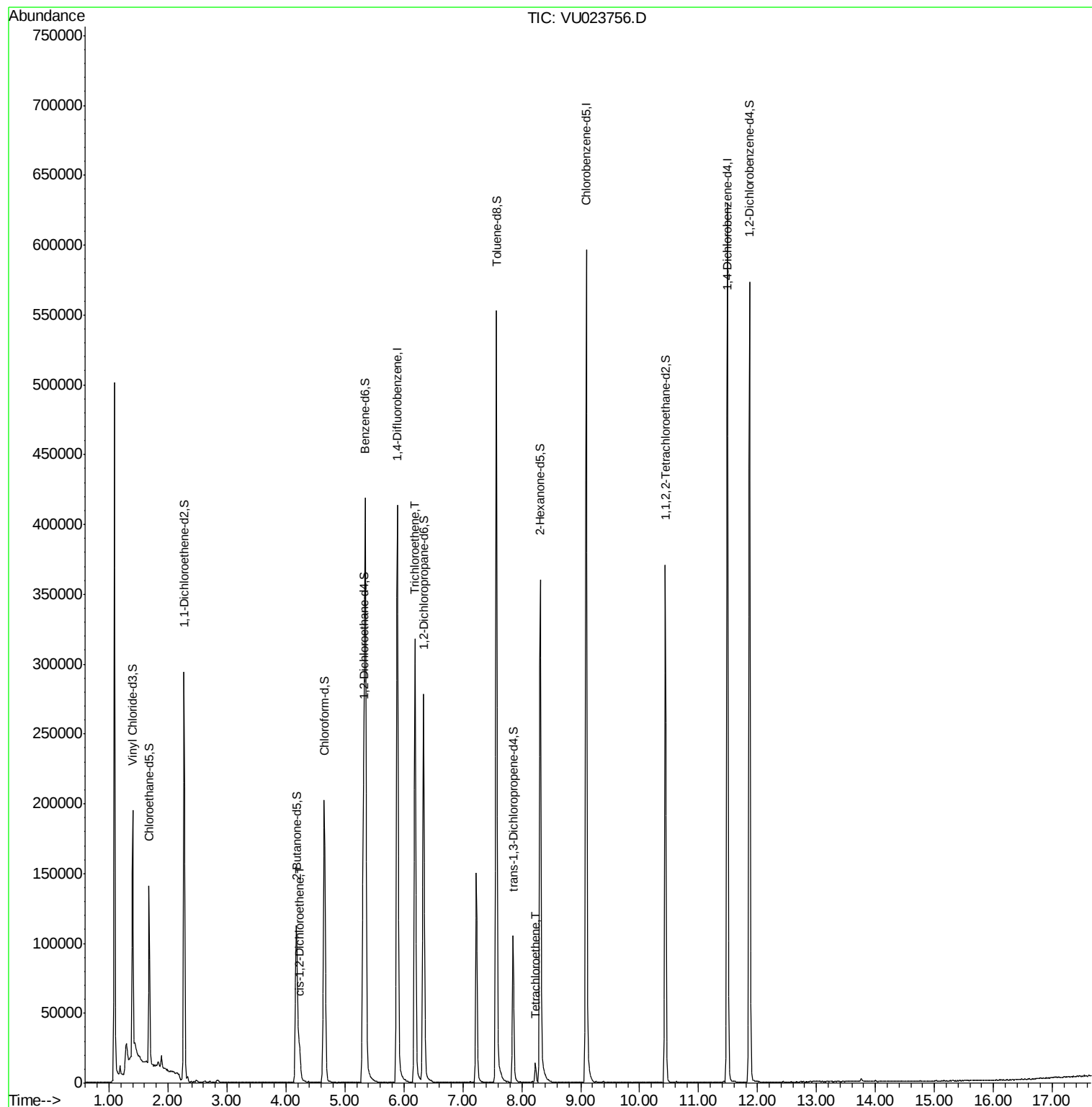
4) Vinyl Chloride-d3	1.40	65	111599	39.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.06%
7) Chloroethane-d5	1.68	69	89533	41.93	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.86%
11) 1,1-Dichloroethene-d2	2.27	63	170130	32.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.22%
21) 2-Butanone-d5	4.18	46	184589	87.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.71%
24) Chloroform-d	4.65	84	202613	42.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.22%
26) 1,2-Dichloroethane-d4	5.31	65	134219	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
32) Benzene-d6	5.35	84	429552	42.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.98%
36) 1,2-Dichloropropane-d6	6.34	67	144244	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.28%
41) Toluene-d8	7.57	98	386329	41.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.34%
43) trans-1,3-Dichloropropene-	7.85	79	59400	42.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.02%
47) 2-Hexanone-d5	8.31	63	127536	87.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.35%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	185624	41.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	159652	44.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.30%

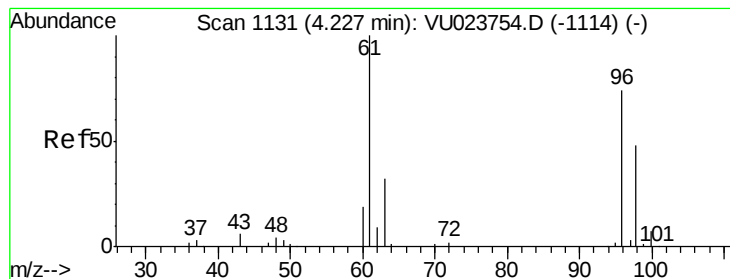
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	11664	3.71	ug/L	98
34) Trichloroethene	6.19	95	116171	38.72	ug/L	97
46) Tetrachloroethene	8.23	164	3403	1.37	ug/L	96

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

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#20

cis-1,2-Dichloroethene

Concen: 3.71 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.01 min

Lab File: VU023756.D

Acq: 09 May 2018 12:23

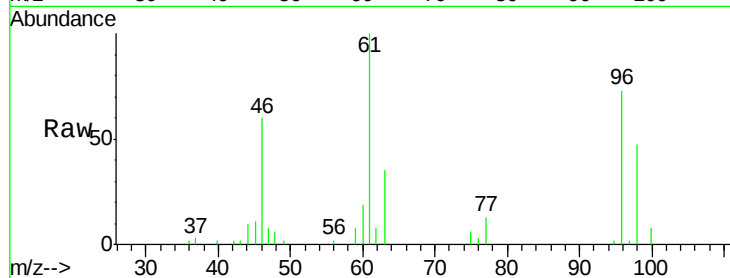
Tot Ion: 96 Resp: 11664

Ion Ratio Lower Upper

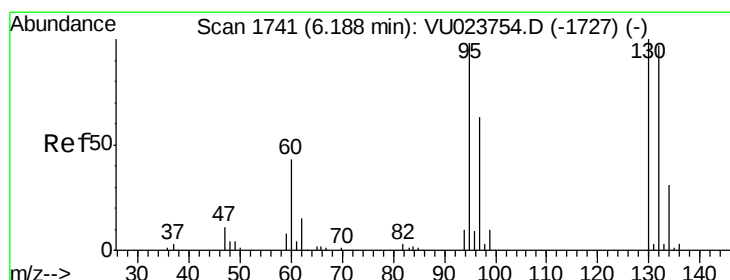
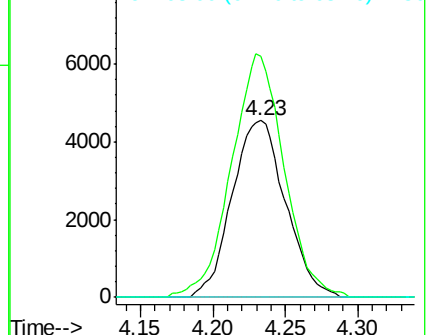
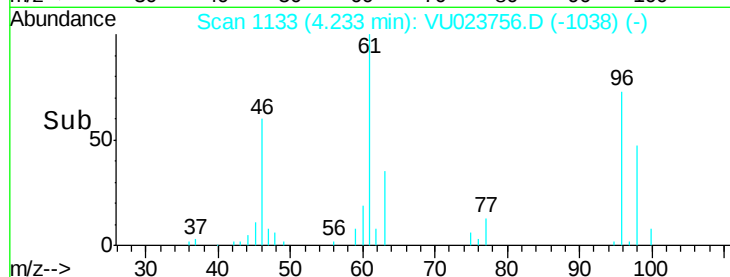
96 100

61 136.1 93.9 174.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU023756.D (-1648) (-)



#34

Trichloroethene

Concen: 38.72 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023756.D

Acq: 09 May 2018 12:23

Tgt Ion: 95 Resp: 116171

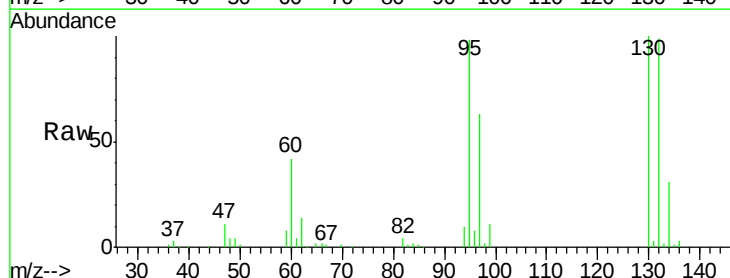
Ion Ratio Lower Upper

95 100

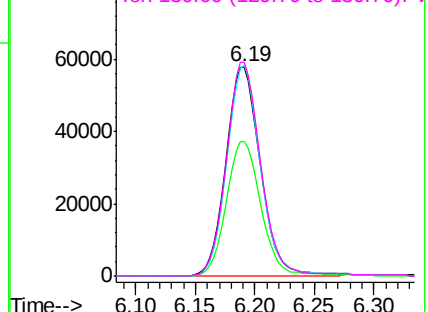
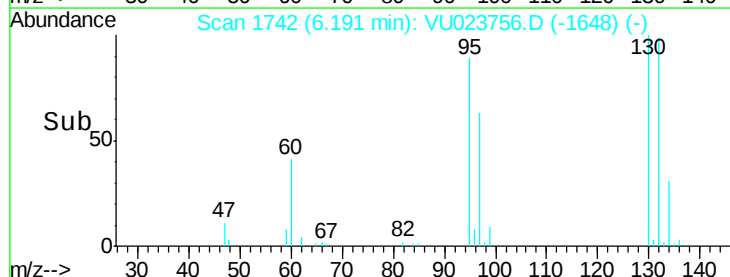
97 64.5 44.2 82.2

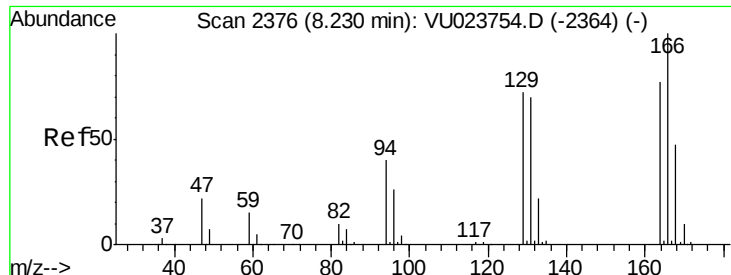
132 101.0 67.8 125.8

130 102.1 69.6 129.2



Abundance Ion 95.00 (94.70 to 95.70): VU023756.D (-1648) (-)





#46

Tetrachloroethene

Concen: 1.37 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU023756.D

Acq: 09 May 2018 12:23

Tot Ion:164 Resp: 3403

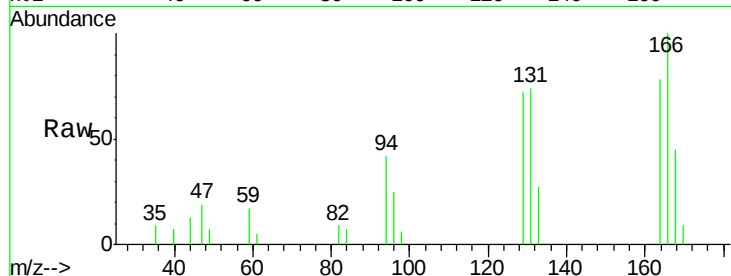
Ion Ratio Lower Upper

164 100

129 92.6 66.9 124.3

131 95.1 63.6 118.0

166 128.9 93.0 172.6



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

