

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052618\
 Data File : VU024149.D
 Acq On : 26 May 2018 16:41
 Operator : MD/SY
 Sample : J3081-19DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 28 01:20:08 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 00:49:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	280329	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	259362	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	91181	50.00	ug/L	0.00

System Monitoring Compounds

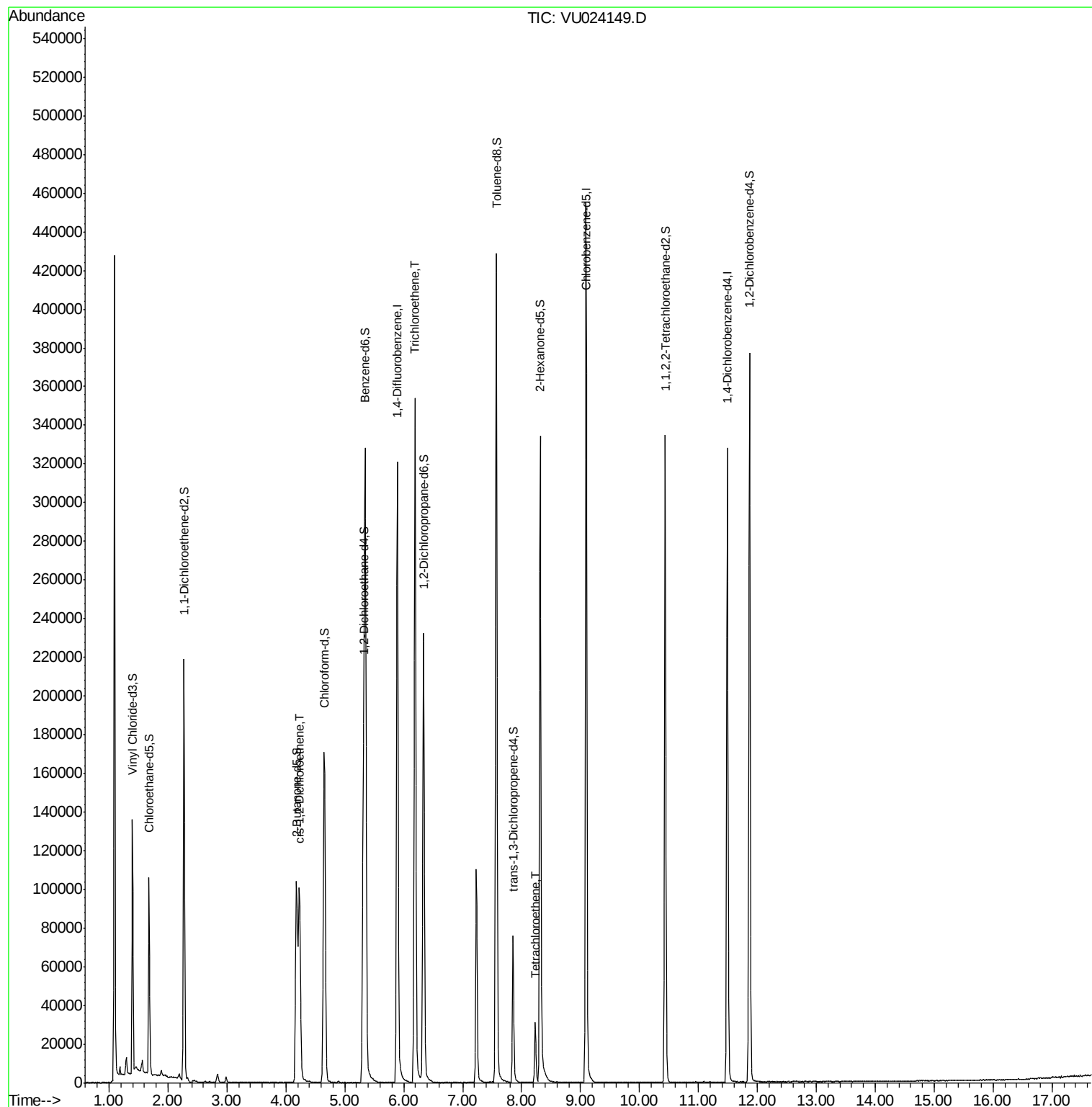
4) Vinyl Chloride-d3	1.40	65	84854	39.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.64%
7) Chloroethane-d5	1.68	69	74752	44.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.34%
11) 1,1-Dichloroethene-d2	2.27	63	124195	31.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.66%
21) 2-Butanone-d5	4.18	46	164992	97.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.38%
24) Chloroform-d	4.65	84	172501	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
26) 1,2-Dichloroethane-d4	5.31	65	113058	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
32) Benzene-d6	5.35	84	339725	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.66%
36) 1,2-Dichloropropane-d6	6.34	67	118863	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.64%
41) Toluene-d8	7.57	98	288537	43.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.74%
43) trans-1,3-Dichloropropene-	7.85	79	43618	44.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.18%
47) 2-Hexanone-d5	8.31	63	116144	98.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.96%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	166695	46.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.90%
64) 1,2-Dichlorobenzene-d4	11.87	152	105884	52.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.92%

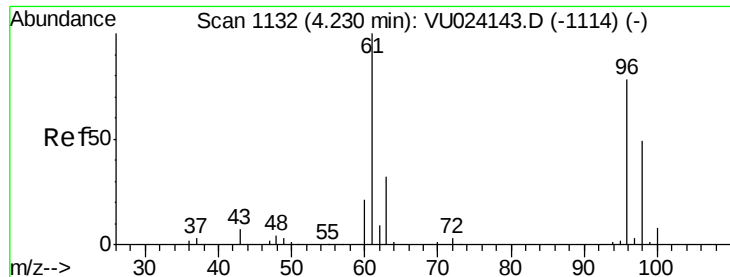
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	53112	23.53	ug/L	99
34) Trichloroethene	6.19	95	126334	52.09	ug/L	98
46) Tetrachloroethene	8.23	164	7574	4.46	ug/L	94

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

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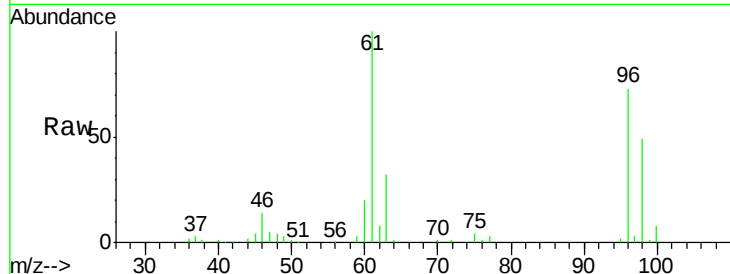
Quant Time: May 28 01:20:08 2018
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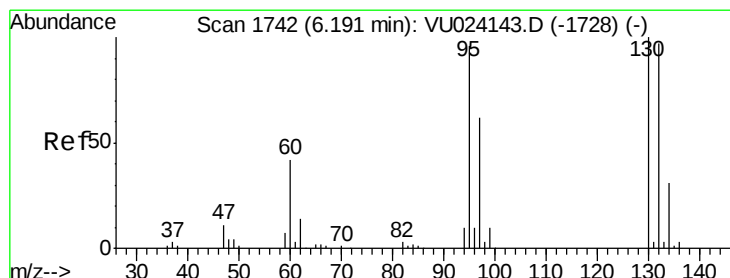
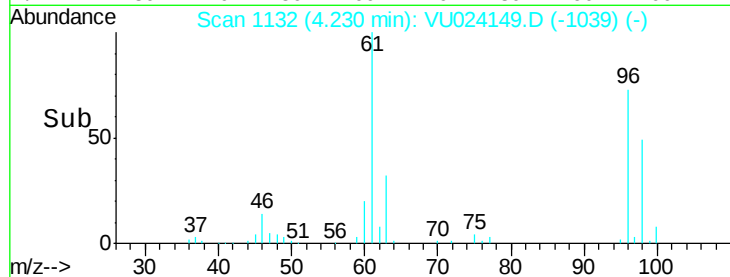
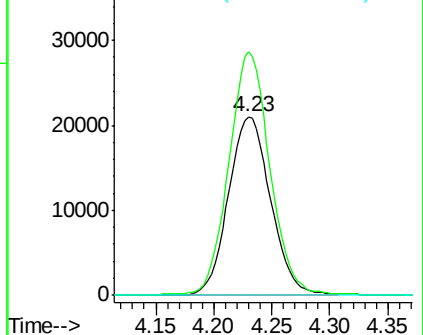


#20
cis-1,2-Dichloroethene
Concen: 23.53 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU024149.D
Acq: 26 May 2018 16:41

Tot Ion: 96 Resp: 53112
Ion Ratio Lower Upper
96 100
61 136.2 94.8 176.0
68 0.0 0.0 0.0

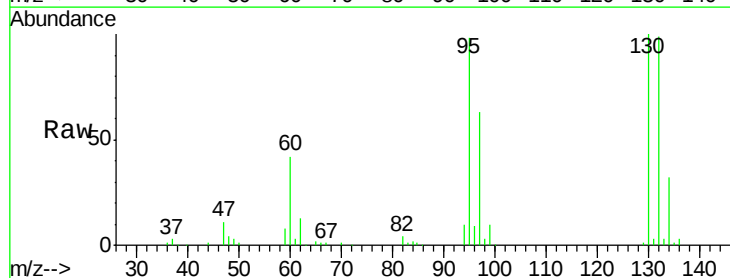


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0

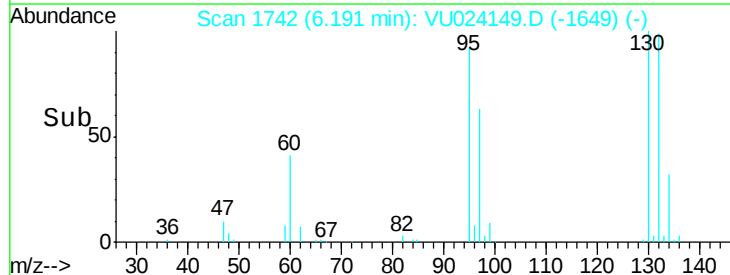
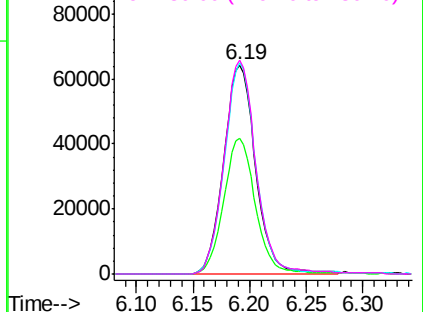


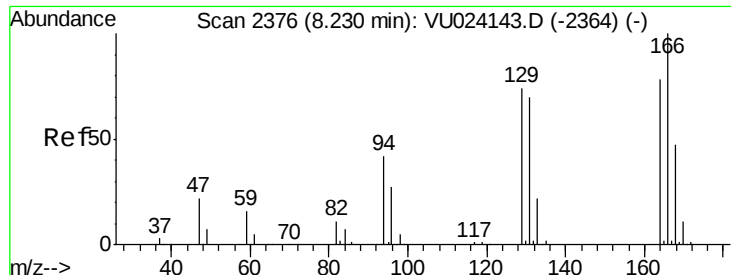
#34
Trichloroethene
Concen: 52.09 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU024149.D
Acq: 26 May 2018 16:41

Tgt Ion: 95 Resp: 126334
Ion Ratio Lower Upper
95 100
97 64.8 44.5 82.7
132 100.9 69.0 128.2
130 102.3 70.6 131.0



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





#46

Tetrachloroethene

Concen: 4.46 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024149.D

Acq: 26 May 2018 16:41

Tot Ion:164 Resp: 7574

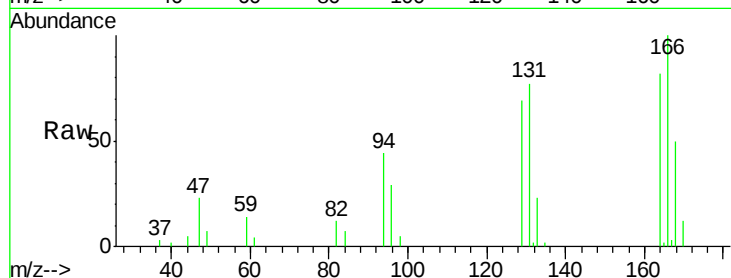
Ion Ratio Lower Upper

164 100

129 84.0 66.6 123.6

131 93.1 64.5 119.9

166 121.4 89.3 165.9



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

