

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024165.D
 Acq On : 26 May 2018 23:28
 Operator : MD/SY
 Sample : J3091-20 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 28 01:02:16 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	297064	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	275172	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	95374	50.00	ug/L	0.00

System Monitoring Compounds

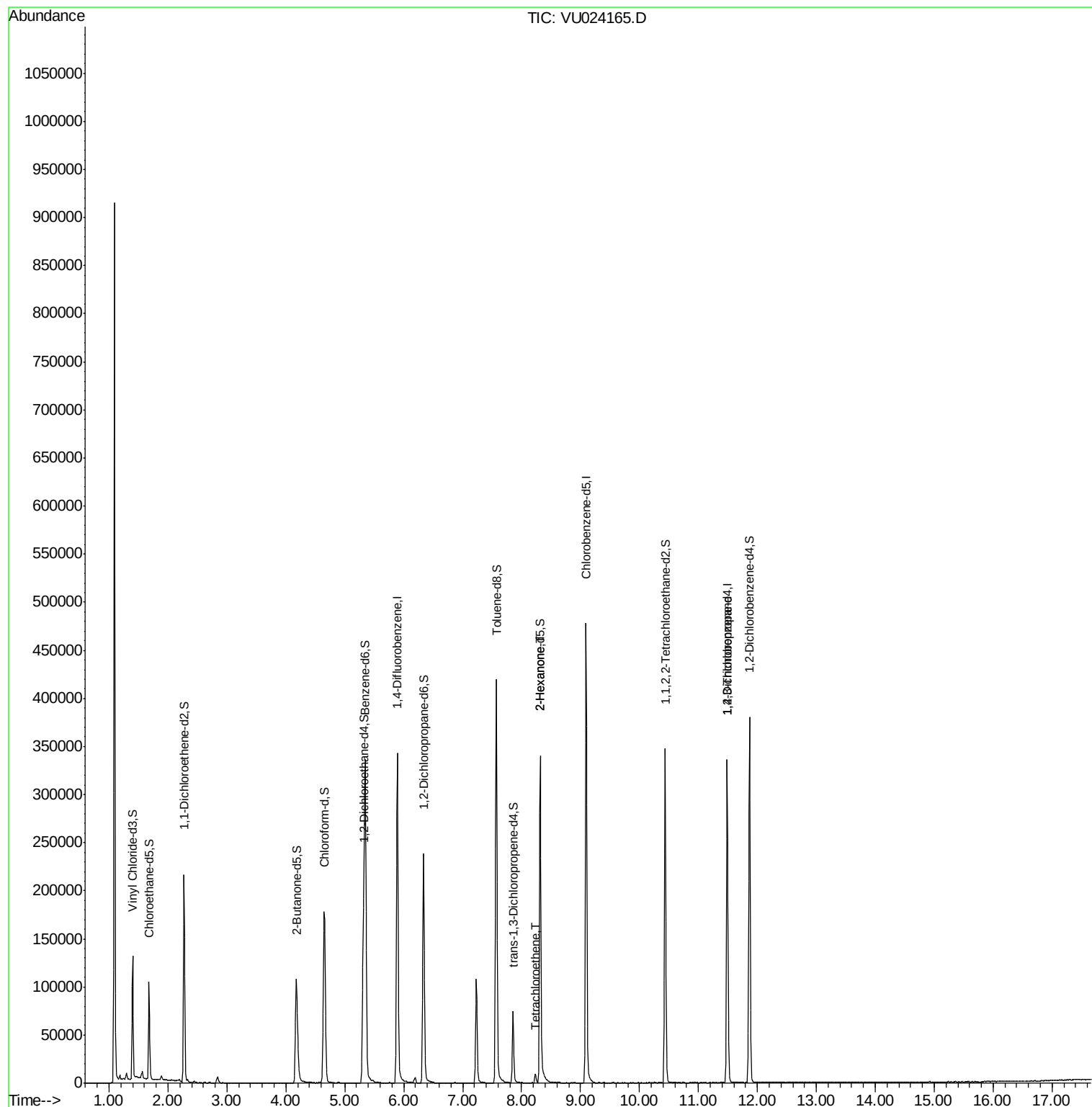
4) Vinyl Chloride-d3	1.40	65	81940	36.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.56%
7) Chloroethane-d5	1.68	69	75313	42.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.27	63	124273	29.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.16%#
21) 2-Butanone-d5	4.18	46	171448	95.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.49%
24) Chloroform-d	4.65	84	179348	44.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.64%
26) 1,2-Dichloroethane-d4	5.31	65	116106	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.58%
32) Benzene-d6	5.35	84	347522	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
36) 1,2-Dichloropropane-d6	6.34	67	122986	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.24%
41) Toluene-d8	7.57	98	293457	41.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.16%
43) trans-1,3-Dichloropropene-	7.85	79	43056	41.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.96%
47) 2-Hexanone-d5	8.31	63	118534	95.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.19%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	174554	45.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.70%
64) 1,2-Dichlorobenzene-d4	11.87	152	107371	51.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.70%

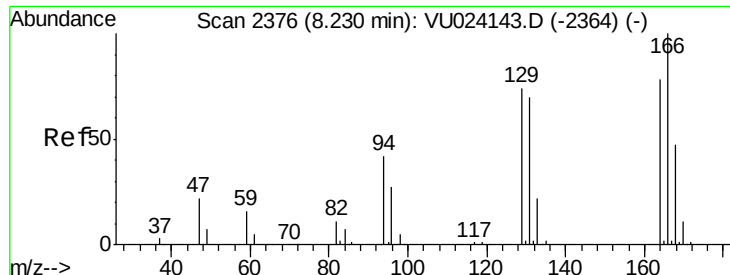
Target Compounds						Qvalue
46) Tetrachloroethene	8.23	164	2477	1.38	ug/L	96
48) 2-Hexanone	8.31	43	13571	4.94	ug/L #	69
59) 1,2,3-Trichloropropane	11.49	75	10910	3.39	ug/L	93

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

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#46

Tetrachloroethene

Concen: 1.38 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024165.D

Acq: 26 May 2018 23:28

Tgt Ion: 164 Resp: 2477

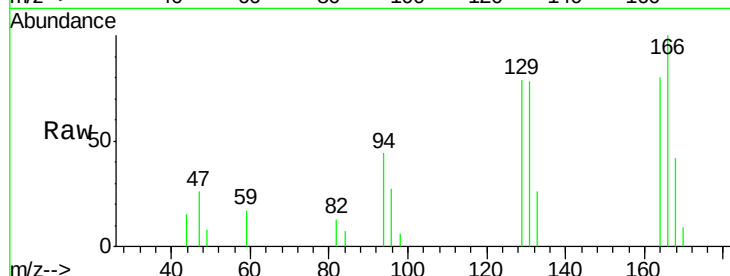
Ion Ratio Lower Upper

164 100

129 98.2 66.6 123.6

131 97.7 64.5 119.9

166 124.6 89.3 165.9

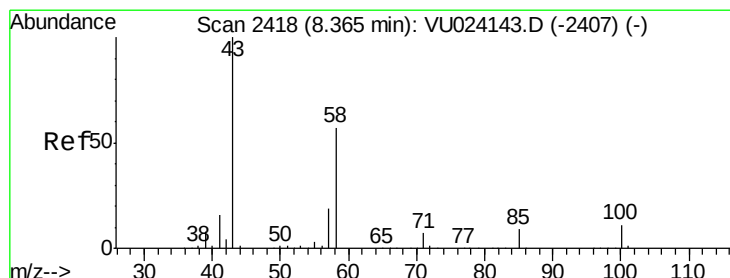
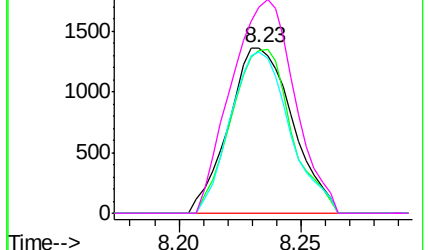
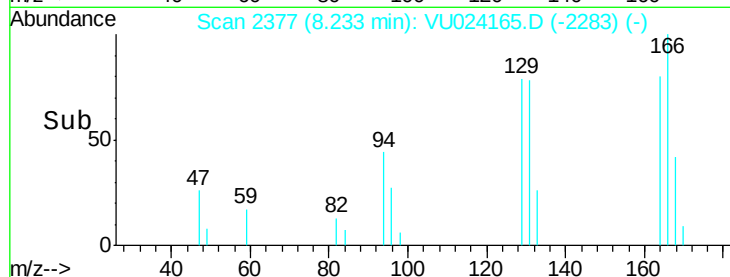


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 4.94 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU024165.D

Acq: 26 May 2018 23:28

Tgt Ion: 43 Resp: 13571

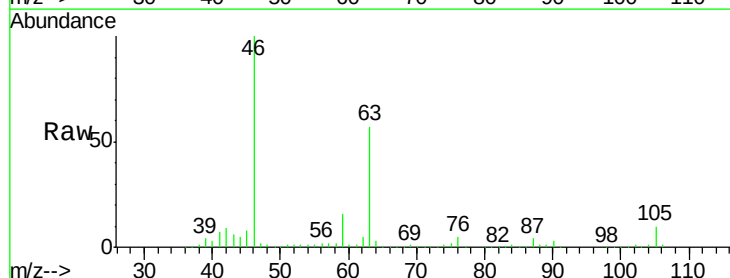
Ion Ratio Lower Upper

43 100

58 32.9 44.6 67.0#

57 34.8 15.3 22.9#

100 2.9 8.9 13.3#

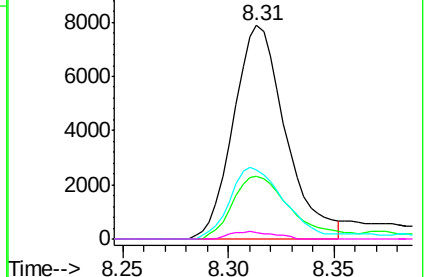
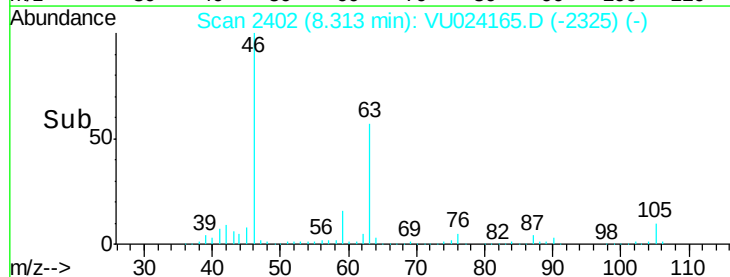


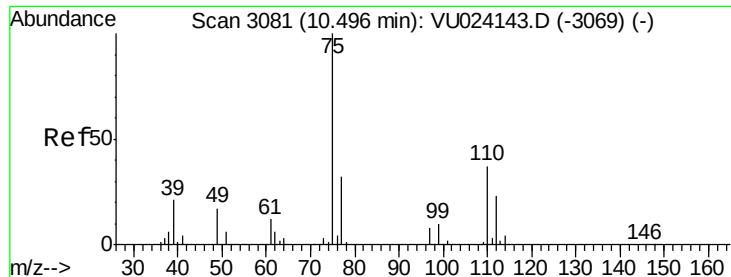
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59
 1,2,3-Trichloropropane
 Concen: 3.39 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU024165.D
 Acq: 26 May 2018 23:28

Tgt Ion: 75 Resp: 10910
 Ion Ratio Lower Upper
 75 100
 77 36.1 25.5 38.3

