

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052718\
 Data File : VU024195.D
 Acq On : 27 May 2018 17:58
 Operator : MD/SY
 Sample : J3092-14 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 28 04:53:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 04:17:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	299608	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	276885	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	97636	50.00	ug/L	0.00

System Monitoring Compounds

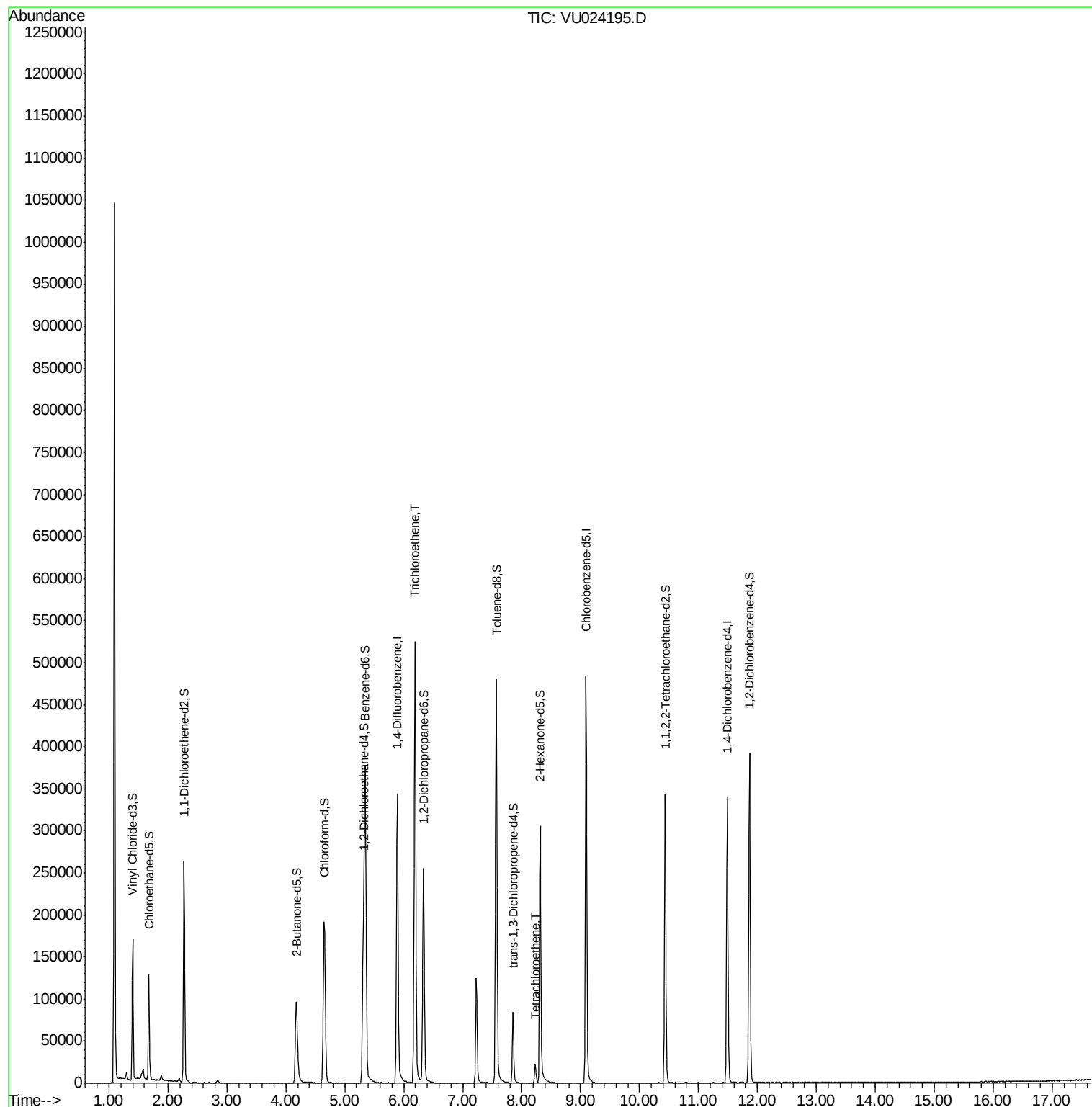
4) Vinyl Chloride-d3	1.40	65	110370	48.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.92%
7) Chloroethane-d5	1.67	69	91564	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.24%
11) 1,1-Dichloroethene-d2	2.27	63	152670	36.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.06%
21) 2-Butanone-d5	4.18	46	156033	86.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.17%
24) Chloroform-d	4.65	84	191078	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
26) 1,2-Dichloroethane-d4	5.31	65	126574	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
32) Benzene-d6	5.35	84	392186	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.36%
36) 1,2-Dichloropropane-d6	6.33	67	131986	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.50%
41) Toluene-d8	7.57	98	332291	46.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.58%
43) trans-1,3-Dichloropropene-	7.85	79	47265	45.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.52%
47) 2-Hexanone-d5	8.31	63	106253	84.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.80%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	172528	45.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.06%
64) 1,2-Dichlorobenzene-d4	11.87	152	113047	52.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.62%

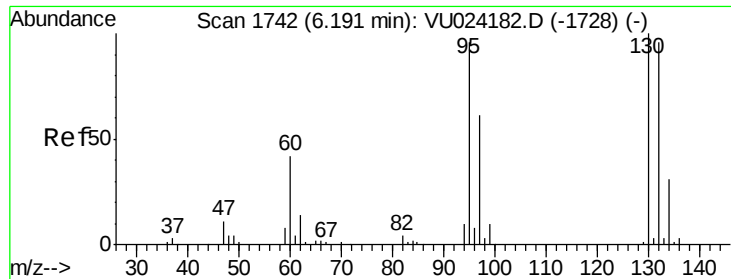
Target Compounds						Ovalue
34) Trichloroethene	6.19	95	186475	72.02	ug/L	98
46) Tetrachloroethene	8.23	164	5695	3.14	ug/L	97

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

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#34

Trichloroethene

Concen: 72.02 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024195.D

Acq: 27 May 2018 17:58

Tot Ion: 95 Resp: 186475

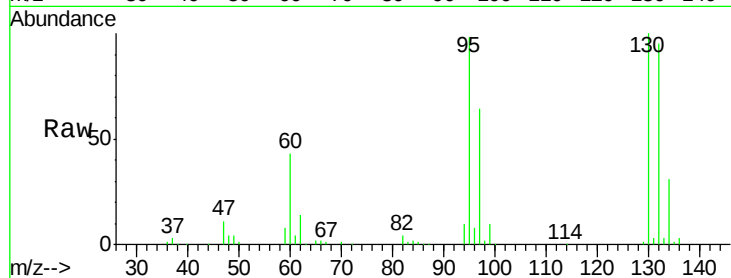
Ion Ratio Lower Upper

95 100

97 64.9 44.5 82.7

132 96.6 69.0 128.2

130 101.8 70.6 131.0

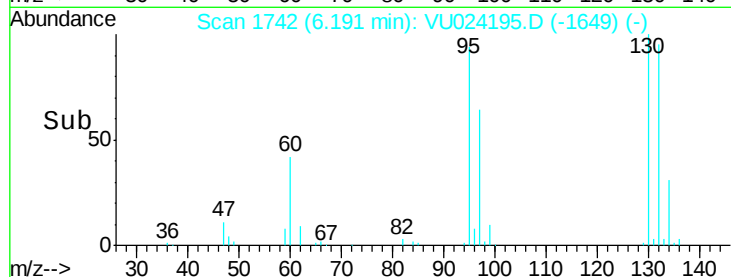


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



Abundance

150000

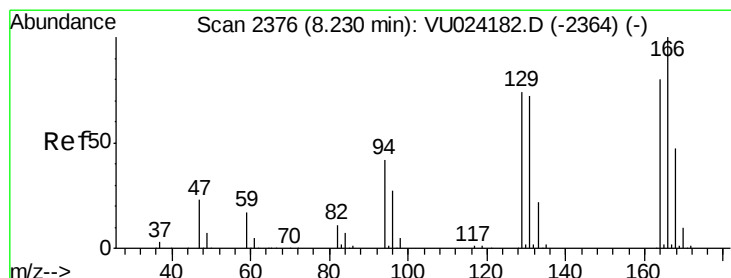
100000

50000

0

6.10 6.15 6.20 6.25 6.30

Time-->



#46

Tetrachloroethene

Concen: 3.14 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU024195.D

Acq: 27 May 2018 17:58

Tgt Ion:164 Resp: 5695

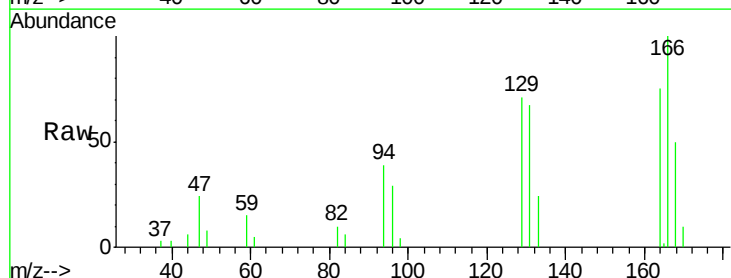
Ion Ratio Lower Upper

164 100

129 94.1 66.6 123.6

131 89.2 64.5 119.9

166 132.6 89.3 165.9

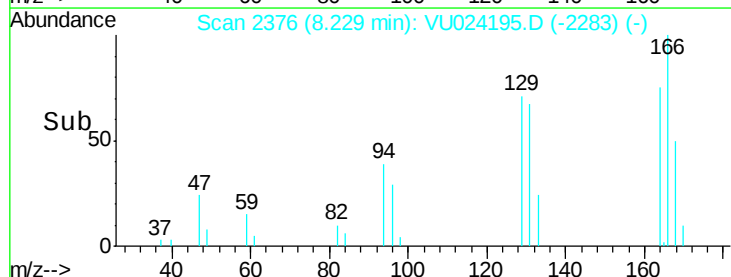


Abundance Ion 164.00 (163.70 to 164.70): V

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



Abundance

6000

4000

2000

0

8.20 8.25 8.30

Time-->