

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071818\
 Data File : VU025489.D
 Acq On : 18 Jul 2018 11:39
 Operator : MD/SY
 Sample : J3984-15DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 19 01:37:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 19 01:07:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	331948	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	299878	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	141346	50.00	ug/L	0.00

System Monitoring Compounds

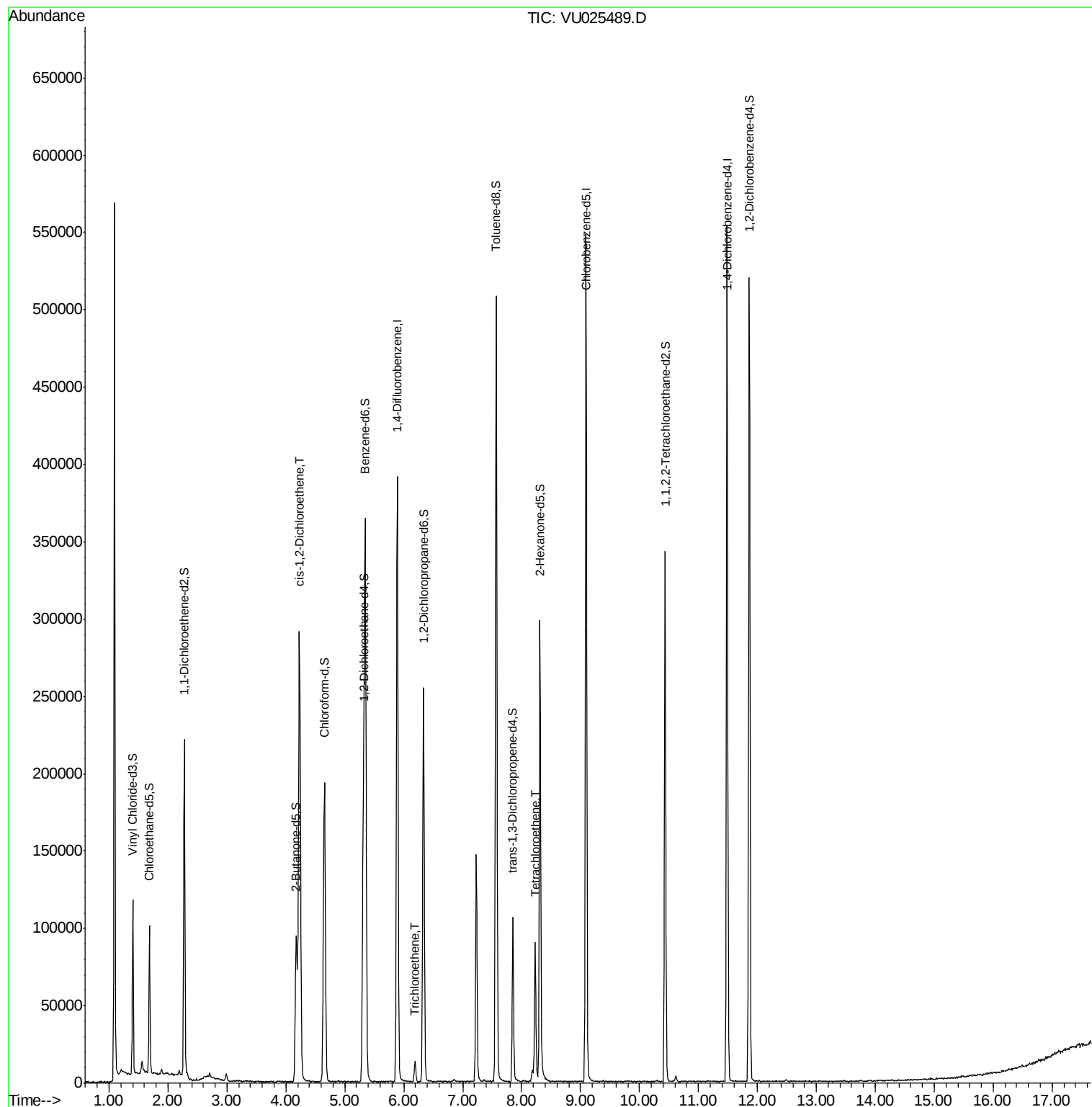
4) Vinyl Chloride-d3	1.40	65	71357	45.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.16%
7) Chloroethane-d5	1.68	69	63723	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.56%
11) 1,1-Dichloroethene-d2	2.27	63	121950	35.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.96%
21) 2-Butanone-d5	4.18	46	145530	87.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.37%
24) Chloroform-d	4.65	84	188929	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
26) 1,2-Dichloroethane-d4	5.31	65	131306	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.02%
32) Benzene-d6	5.35	84	362981	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.18%
36) 1,2-Dichloropropane-d6	6.34	67	119287	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.42%
41) Toluene-d8	7.57	98	339204	48.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.72%
43) trans-1,3-Dichloropropene-	7.85	79	57258	45.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.66%
47) 2-Hexanone-d5	8.31	63	105466	84.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.77%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	161049	45.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	140867	49.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.46%

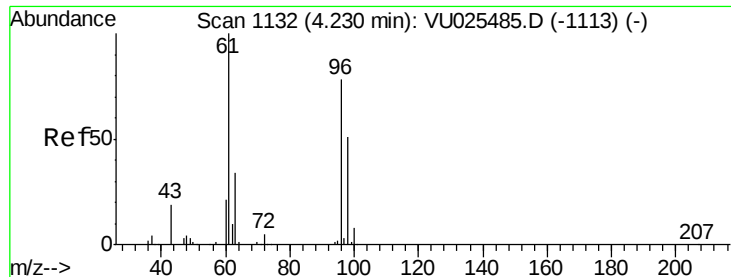
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	162589	62.40	ug/L	98
34) Trichloroethene	6.19	95	4386	1.87	ug/L	95
46) Tetrachloroethene	8.23	164	18942	9.67	ug/L	96

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

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#20

cis-1,2-Dichloroethene

Concen: 62.40 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025489.D

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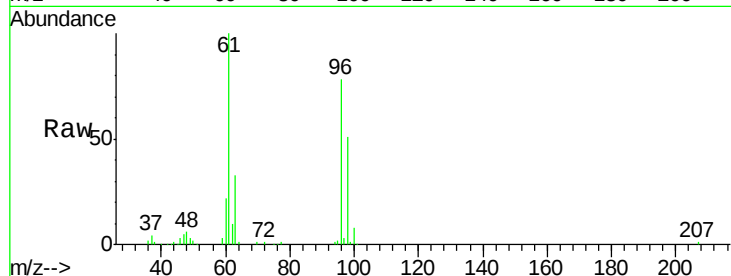
Tot Ion: 96 Resp: 162589

Ion Ratio Lower Upper

96 100

61 128.8 91.7 170.3

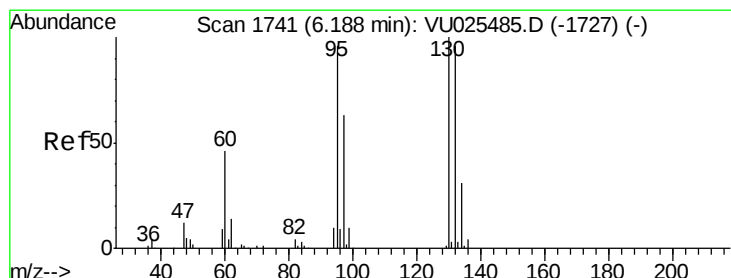
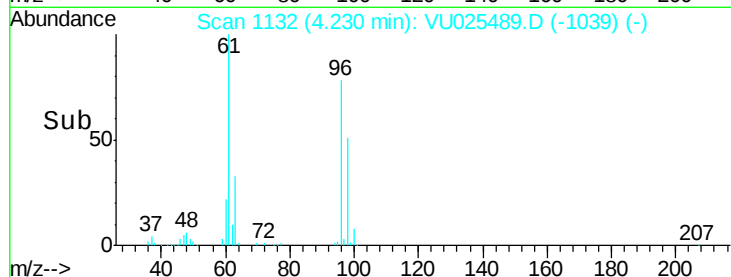
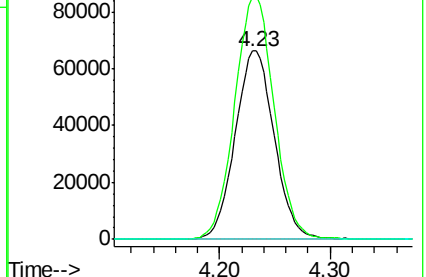
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU025489.D (-1039) (-)

Ion 61.00 (60.70 to 61.70): VU025489.D (-1039) (-)

Ion 68.00 (67.70 to 68.70): VU025489.D (-1039) (-)



#34

Trichloroethene

Concen: 1.87 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025489.D

Acq: 18 Jul 2018 11:39

Tgt Ion: 95 Resp: 4386

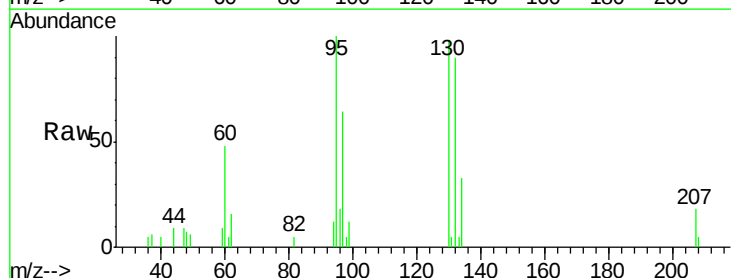
Ion Ratio Lower Upper

95 100

97 64.2 45.9 85.3

132 89.9 68.2 126.6

130 97.8 71.8 133.4

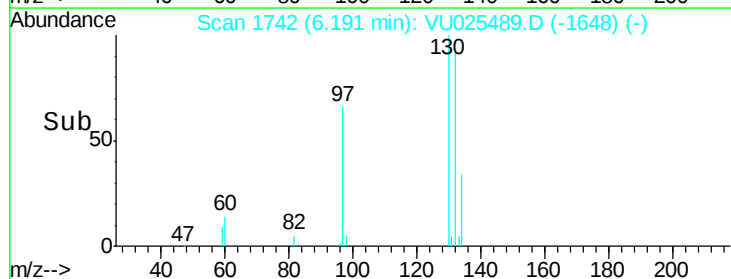
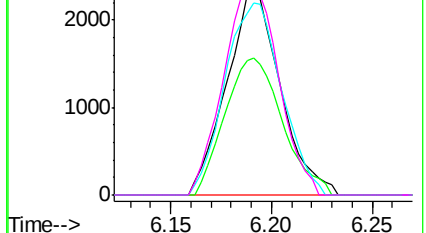


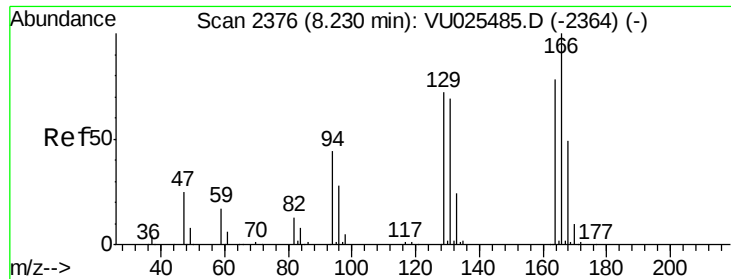
Abundance Ion 95.00 (94.70 to 95.70): VU025489.D (-1648) (-)

Ion 97.00 (96.70 to 97.70): VU025489.D (-1648) (-)

Ion 132.00 (131.70 to 132.70): VU025489.D (-1648) (-)

Ion 130.00 (129.70 to 130.70): VU025489.D (-1648) (-)





#46

Tetrachloroethene

Concen: 9.67 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

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Acq: 18 Jul 2018 11:39

Tot Ion:164 Resp: 18942

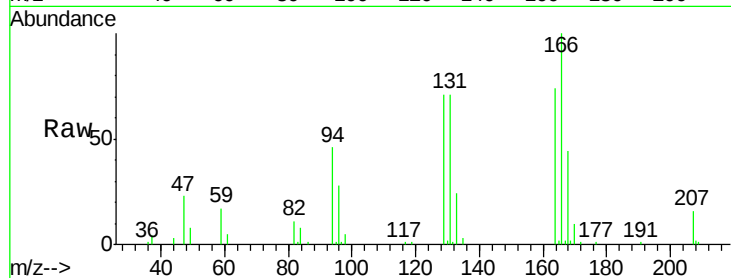
Ion Ratio Lower Upper

164 100

129 95.9 66.5 123.5

131 96.4 63.7 118.3

166 135.5 90.8 168.6



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

