

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036084.D
 Acq On : 10 Dec 2019 15:04
 Operator : JC/MD
 Sample : K6105-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Dec 11 07:39:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 06:27:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	305232	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	339922	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	110216	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	148668	5.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.40%
7) Chloroethane-d5	1.93	69	134324	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.59	63	159207	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.70	46	292588	63.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.22%
24) Chloroform-d	5.11	84	232214	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.75	65	124973	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.77	84	453726	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.73	67	145020	5.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.80%
41) Toluene-d8	7.93	98	361742	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	8.21	79	51147	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.68	63	236269	60.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.76%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	131172	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	122446	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

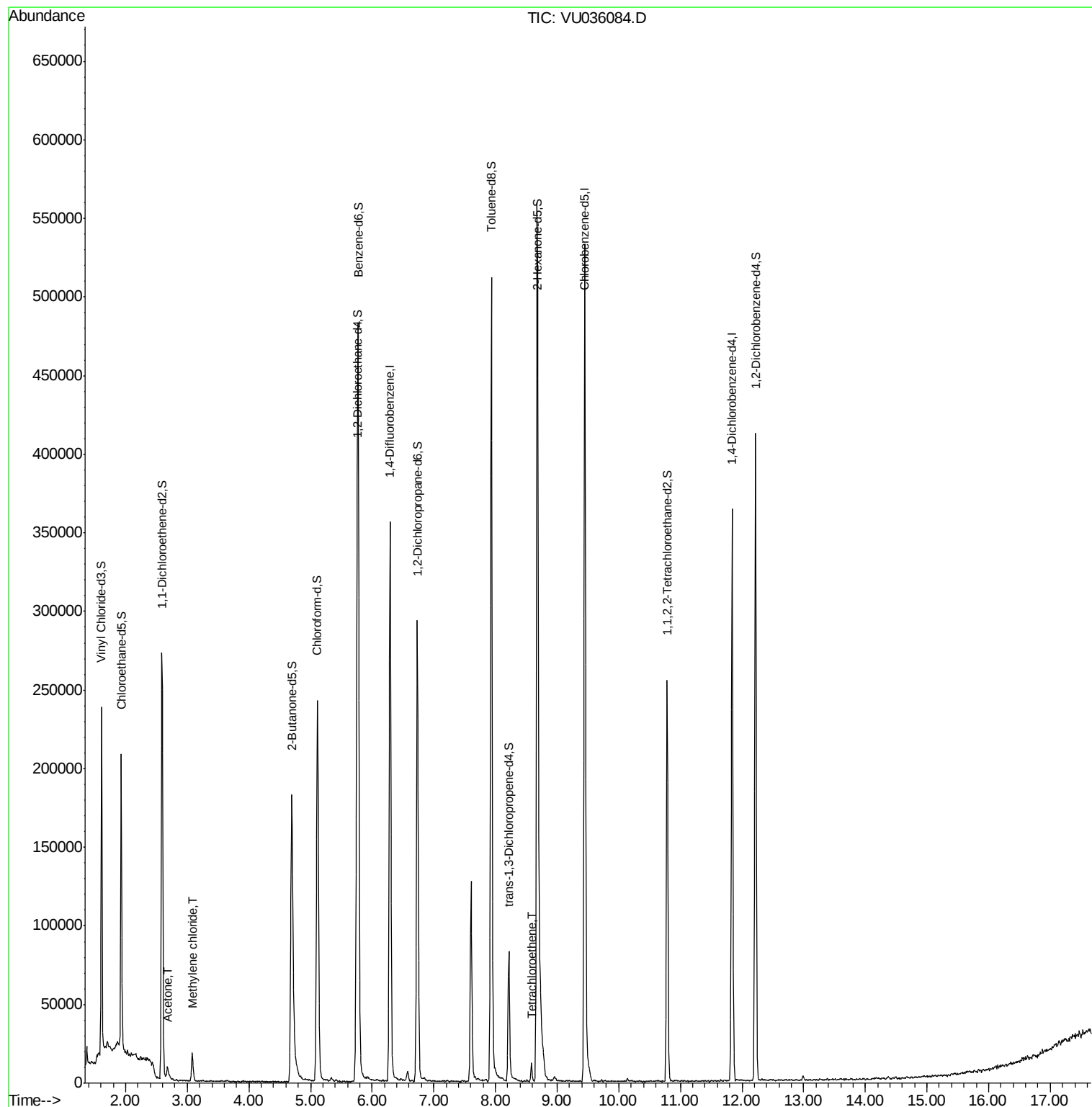
Target Compounds					Ovalue
13) Acetone	2.68	43	9781	1.662 ug/L	88
16) Methylene chloride	3.08	84	8996	0.292 ug/L	91
47) Tetrachloroethene	8.58	164	2602	0.111 ug/L	91

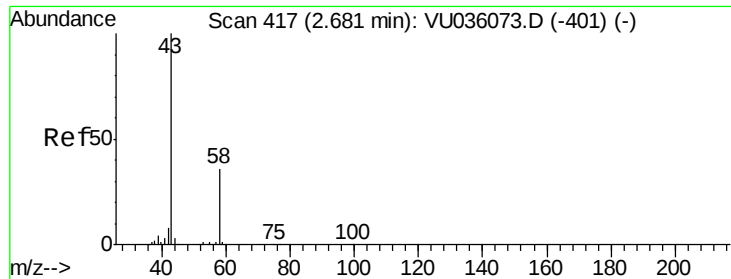
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.662 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.00 min

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Acq: 10 Dec 2019 15:04

Instrument :

MSVOA_U

ClientSampleId :

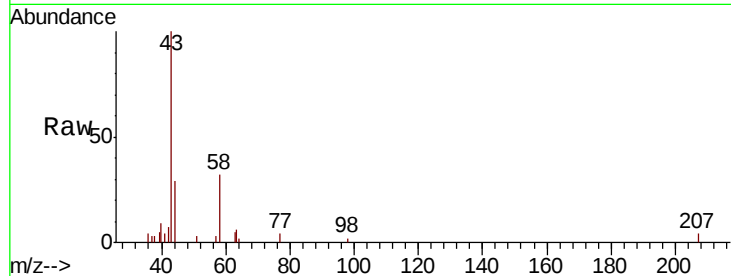
VHBLK01

Tot Ion: 43 Resp: 9781

Ion Ratio Lower Upper

43 100

58 29.7 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036084.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU036084.D (-324) (-)

2.68

5000

4000

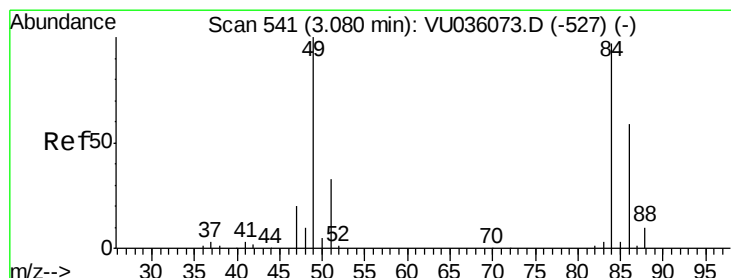
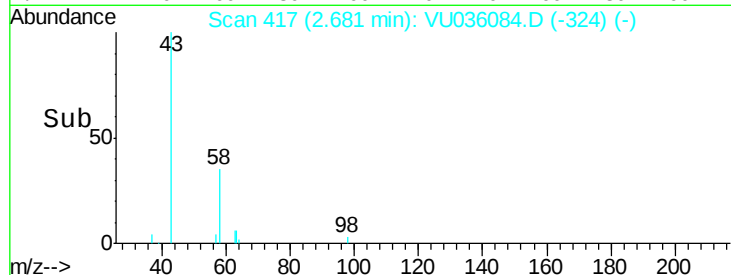
3000

2000

1000

0

Time--> 2.60 2.65 2.70 2.75



#16

Methylene chloride

Concen: 0.292 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

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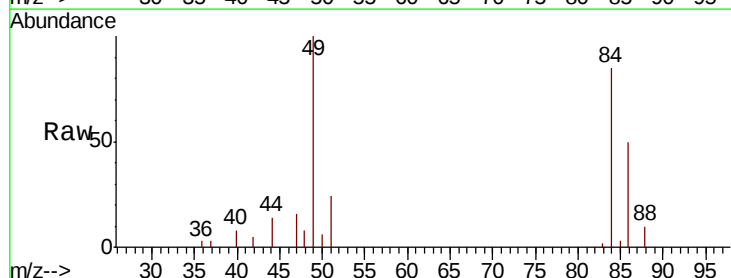
Tgt Ion: 84 Resp: 8996

Ion Ratio Lower Upper

84 100

86 59.3 47.5 88.3

49 118.2 76.9 142.9



Abundance Ion 84.05 (83.75 to 84.75): VU036084.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU036084.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU036084.D (-448) (-)

8000

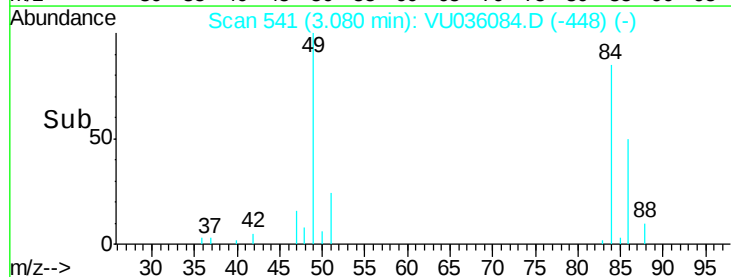
6000

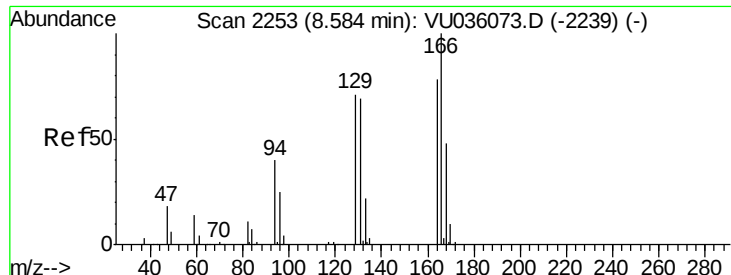
4000

2000

0

Time--> 3.05 3.10 3.15





#47

Tetrachloroethene

Concen: 0.111 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036084.D

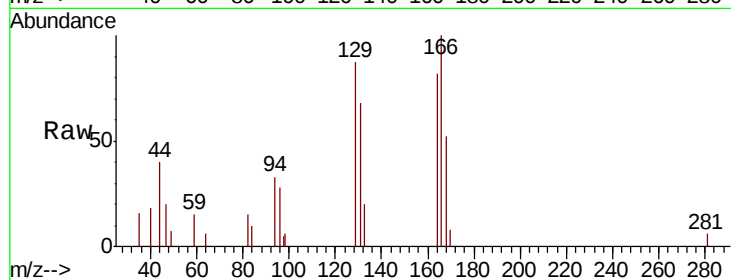
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Tot Ion:164 Resp: 2602

Ion Ratio Lower Upper

164 100

129 106.6 63.1 117.3

131 83.4 61.5 114.1

166 122.0 91.0 169.0

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

