

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020320\
 Data File : VU036675.D
 Acq On : 03 Feb 2020 17:44
 Operator : JC/MD
 Sample : VIBLK30
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK30

Quant Time: Feb 04 01:18:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 04 00:53:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	275917	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	257834	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	108807	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	108045	42.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.90%
7) Chloroethane-d5	1.93	69	95744	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.54%
11) 1,1-Dichloroethene-d2	2.59	63	135468	34.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.82%
21) 2-Butanone-d5	4.68	46	138756	89.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.60%
24) Chloroform-d	5.11	84	161215	43.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.50%
26) 1,2-Dichloroethane-d4	5.75	65	118064	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
32) Benzene-d6	5.77	84	377347	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
36) 1,2-Dichloropropane-d6	6.73	67	125259	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.68%
41) Toluene-d8	7.93	98	342449	47.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.10%
43) trans-1,3-Dichloropropene-	8.21	79	57475	46.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.12%
47) 2-Hexanone-d5	8.67	63	142962	99.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.98%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	169710	46.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.08%
64) 1,2-Dichlorobenzene-d4	12.21	152	112698	49.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.28%

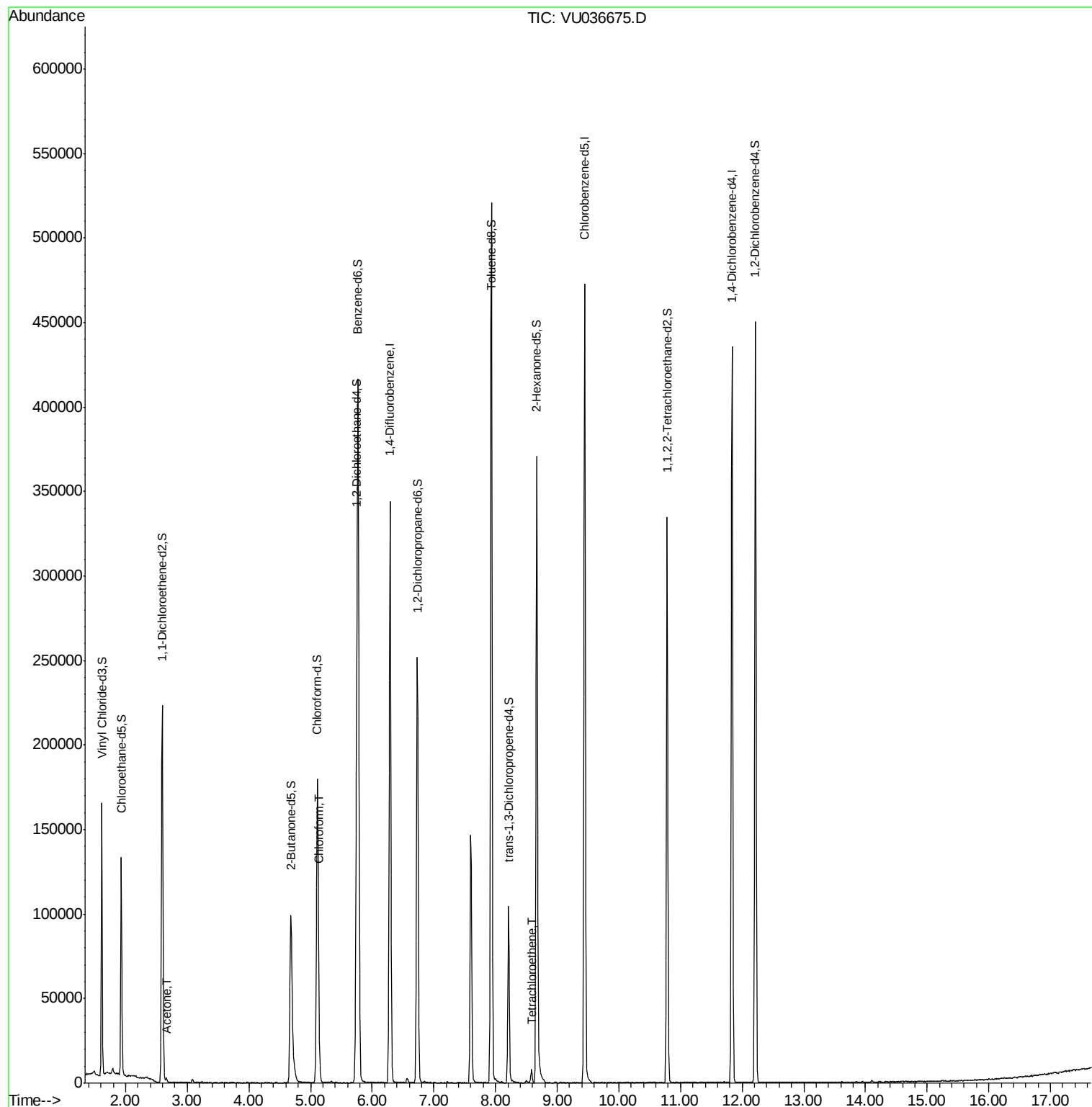
Target Compounds					Ovalue
13) Acetone	2.66	43	2447	1.858 ug/L	94
25) Chloroform	5.14	83	11553	3.234 ug/L	97
46) Tetrachloroethene	8.58	164	1650	1.122 ug/L	90

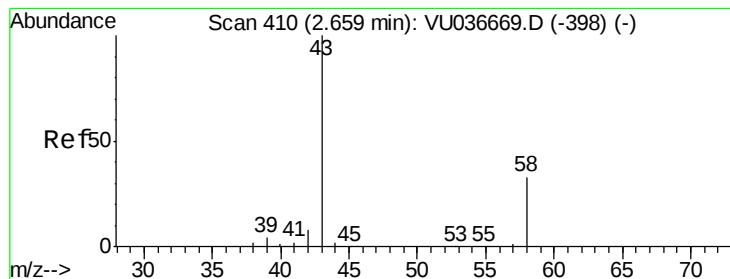
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.858 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

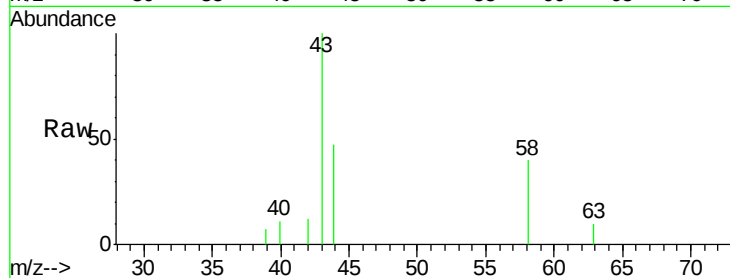
VIBLK30

Tot Ion: 43 Resp: 2447

Ion Ratio Lower Upper

43 100

58 30.6 0.0 67.8



Abundance Ion 43.00 (42.70 to 43.70): VU036669.D (-398) (-)

Ion 58.00 (57.70 to 58.70): VU036669.D (-398) (-)

2.66

1500

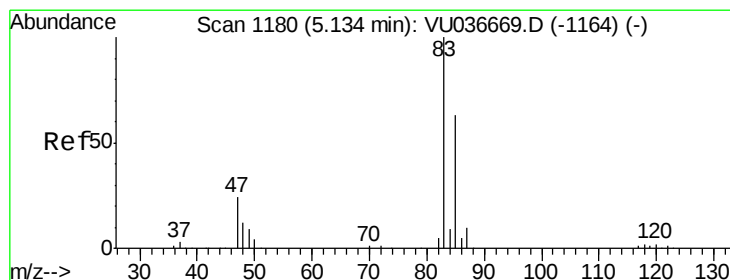
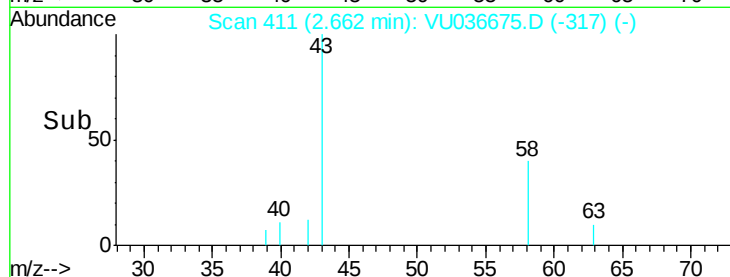
1000

500

0

Time-->

2.60 2.65 2.70



#25

Chloroform

Concen: 3.234 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

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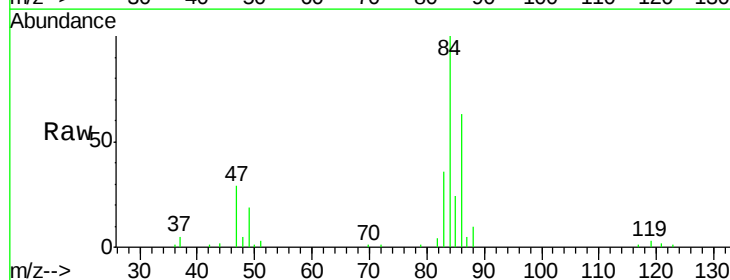
Acq: 03 Feb 2020 17:44

Tgt Ion: 83 Resp: 11553

Ion Ratio Lower Upper

83 100

85 65.9 44.3 82.3



Abundance Ion 83.00 (82.70 to 83.70): VU036669.D (-1164) (-)

Ion 85.00 (84.70 to 85.70): VU036669.D (-1164) (-)

5.14

6000

5000

4000

3000

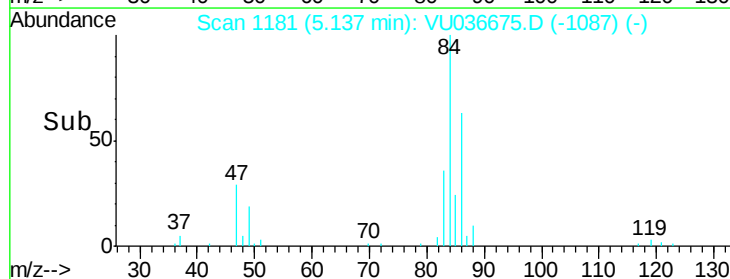
2000

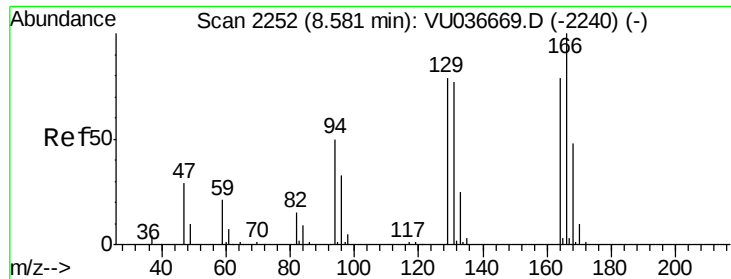
1000

0

Time-->

5.10 5.15 5.20





#46

Tetrachloroethene

Concen: 1.122 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU036675.D

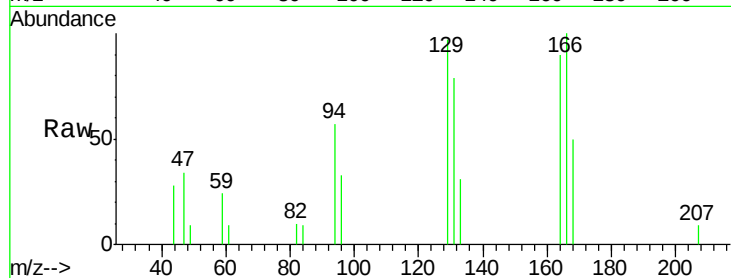
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Tot Ion:164 Resp: 1650

Ion Ratio Lower Upper

164 100

129 107.7 71.1 132.1

131 88.2 66.9 124.3

166 111.4 89.0 165.4

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

