

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112919\
 Data File : VU035915.D
 Acq On : 29 Nov 2019 12:08
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Quant Time: Nov 30 03:48:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 30 03:20:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	223012	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	267879	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	98593	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	128798	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.93	69	124581	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.59	63	158083	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.70	46	345994	51.32	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.64%
24) Chloroform-d	5.11	84	233486	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.75	65	130090	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.77	84	432609	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.73	67	151897	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.93	98	339432	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.00%
43) trans-1,3-Dichloropropene-	8.21	79	52110	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.68	63	248331	46.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.22%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	129129	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	107169	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

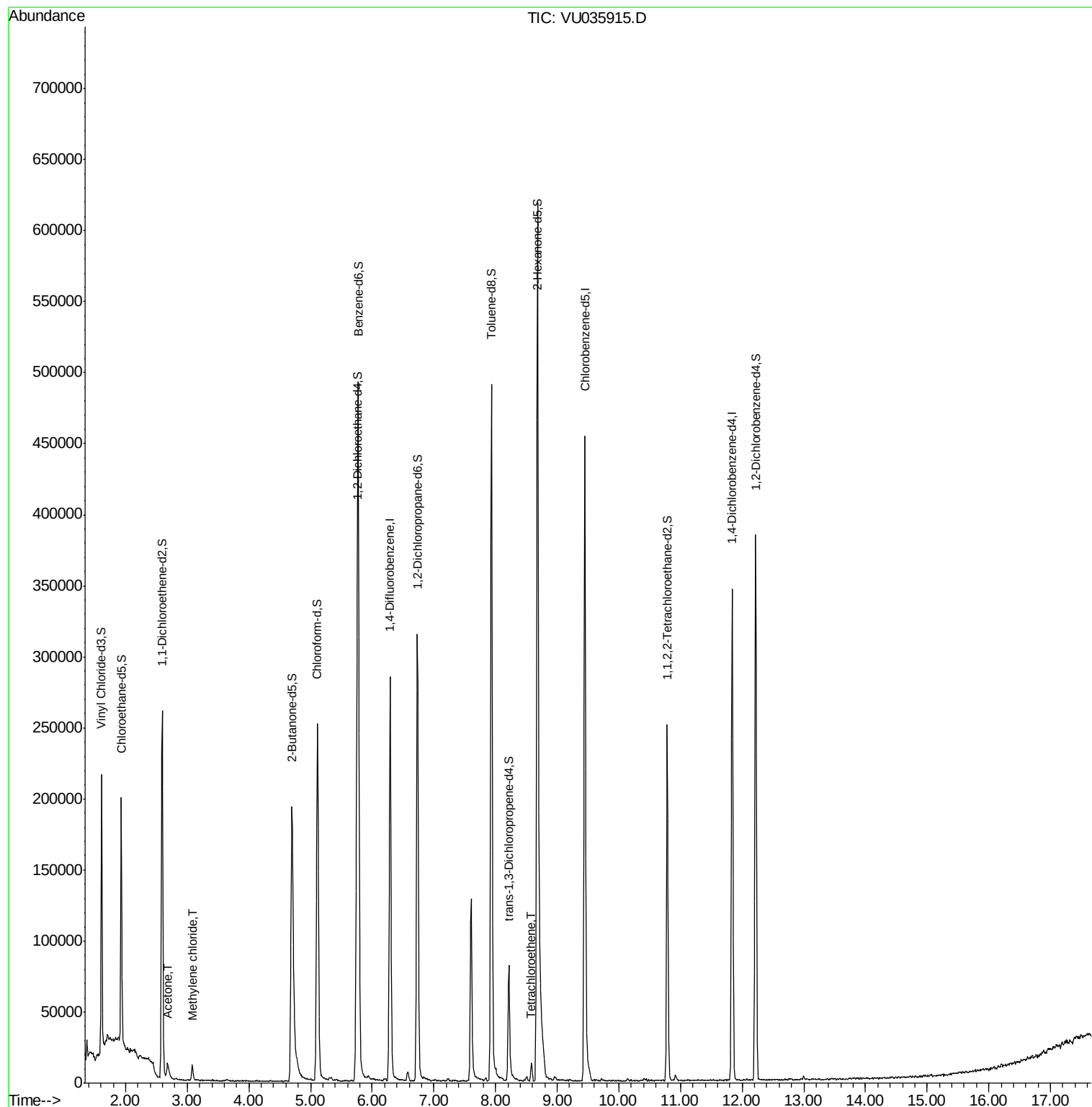
Target Compounds					Ovalue
13) Acetone	2.68	43	16162	2.729 ug/L	99
16) Methylene chloride	3.09	84	4965	0.177 ug/L	87
47) Tetrachloroethene	8.58	164	2761	0.132 ug/L	88

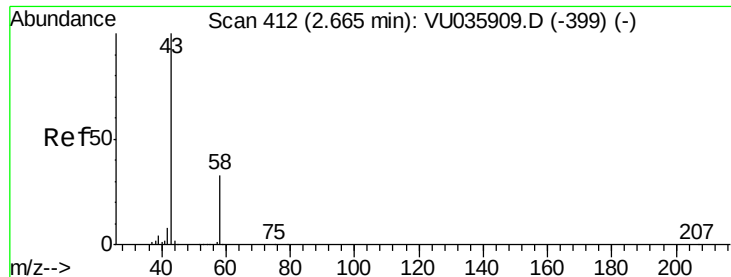
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.729 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.02 min

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ClientSampleId :

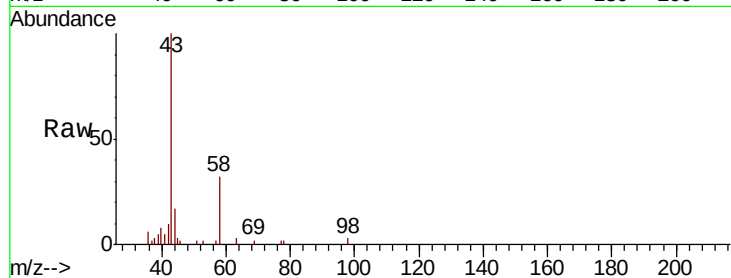
VIBLK40

Tot Ion: 43 Resp: 16162

Ion Ratio Lower Upper

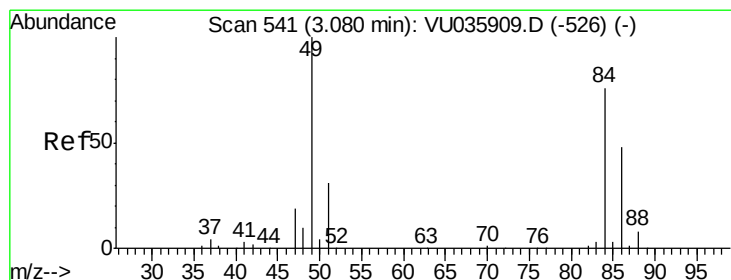
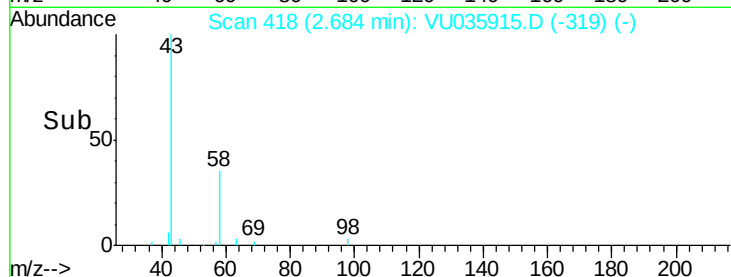
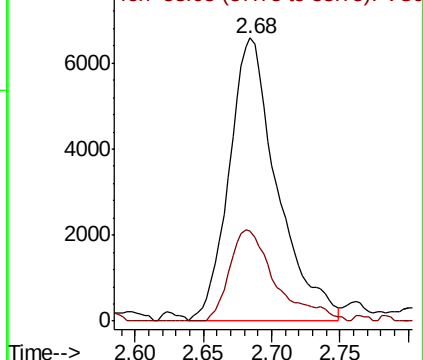
43 100

58 31.0 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035915.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU035915.D (-319) (-)



#16

Methylene chloride

Concen: 0.177 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.01 min

Lab File: VU035915.D

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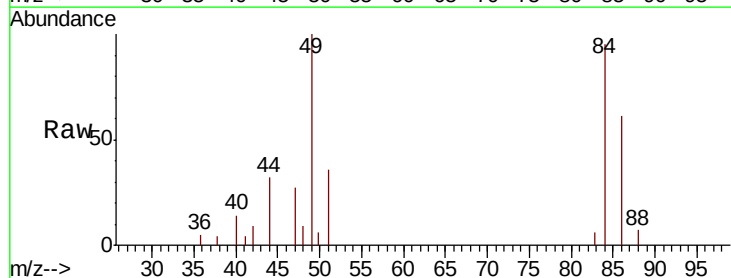
Tgt Ion: 84 Resp: 4965

Ion Ratio Lower Upper

84 100

86 64.2 44.4 82.5

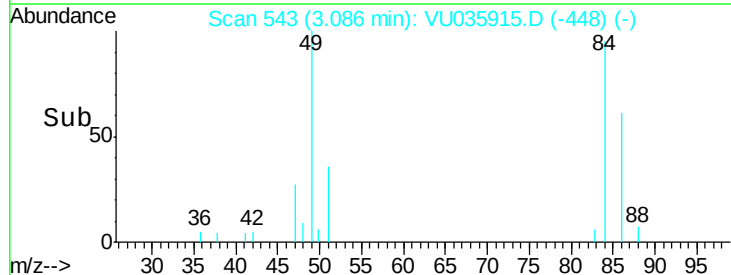
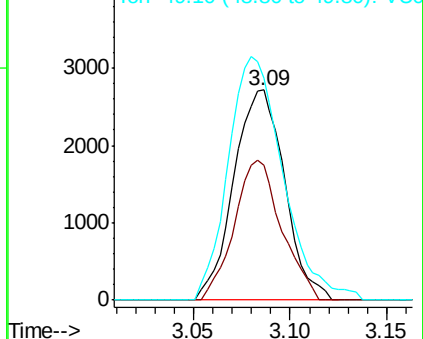
49 112.2 94.0 174.6

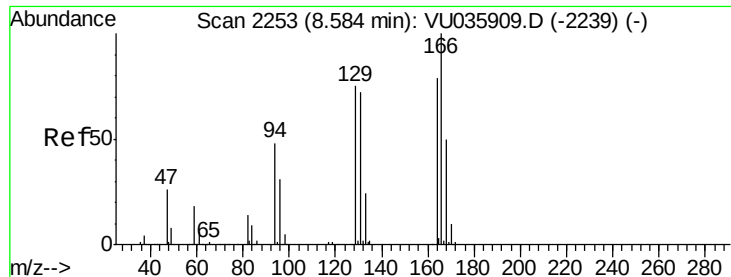


Abundance Ion 84.05 (83.75 to 84.75): VU035915.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU035915.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU035915.D (-448) (-)





#47

Tetrachloroethene

Concen: 0.132 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU035915.D

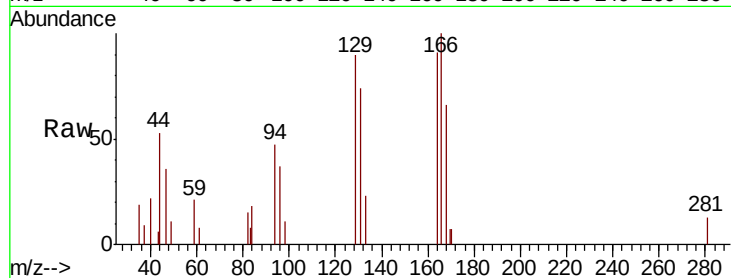
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Tot Ion:164 Resp: 2761

Ion Ratio Lower Upper

164 100

129 99.0 68.8 127.8

131 81.9 67.3 124.9

166 110.3 91.6 170.2

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

