

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050819\
 Data File : VU031848.D
 Acq On : 09 May 2019 02:49
 Operator : JC/SP
 Sample : K2743-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D17

Quant Time: May 09 07:41:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 09 06:57:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	423980	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	427740	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	155379	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	132320	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.67	69	119380	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.27	63	198884	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.18	46	501308	44.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.88%
24) Chloroform-d	4.64	84	273345	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.31	65	156282	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.33	84	521704	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.33	67	189463	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.56	98	393319	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.85	79	53062	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.31	63	318951	44.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	147542	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	140385	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

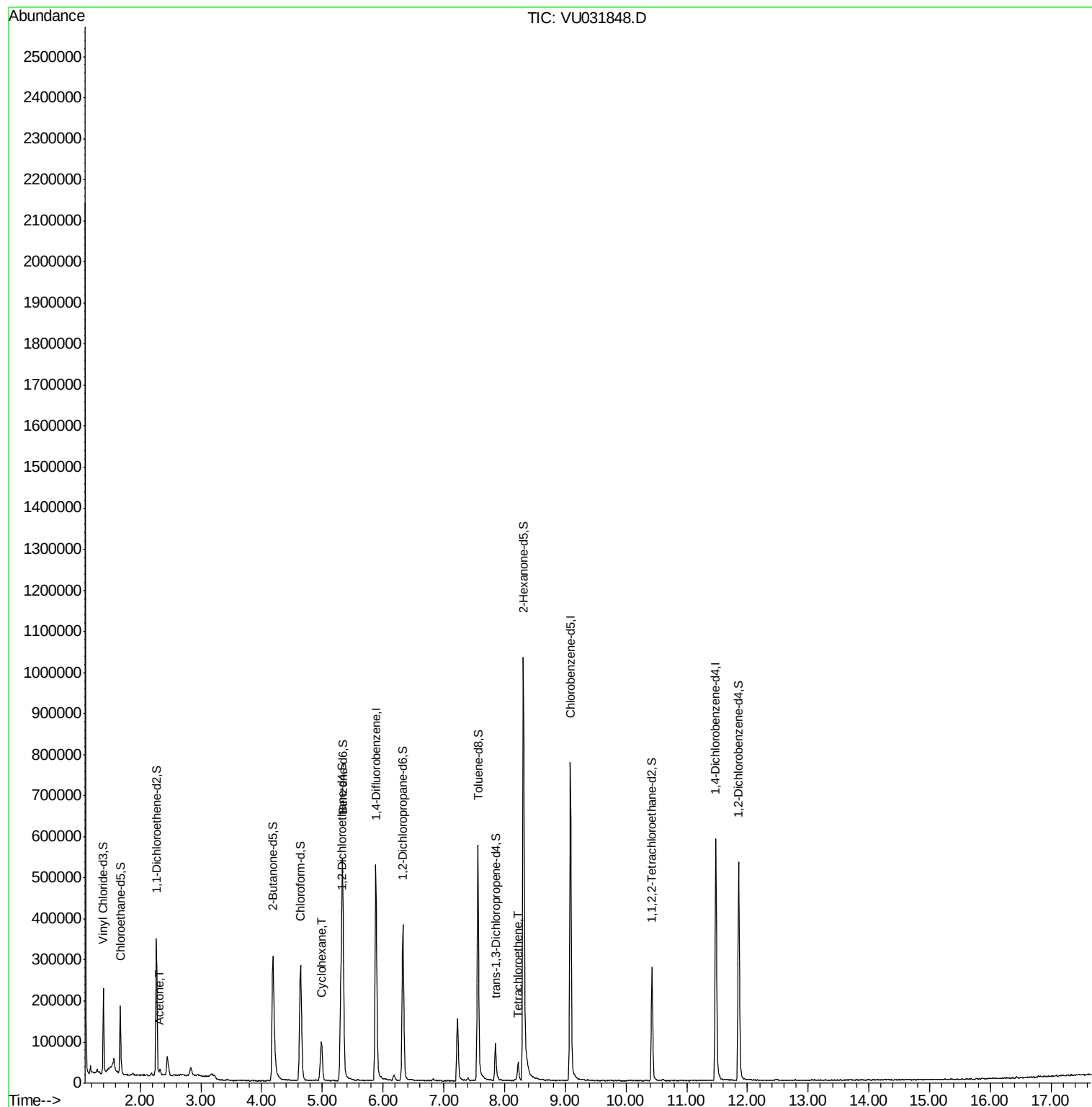
					Ovalue
13) Acetone	2.32	43	9025	1.171 ug/L	94
30) Cyclohexane	4.98	56	45601	0.710 ug/L	97
47) Tetrachloroethene	8.22	164	9228	0.377 ug/L	87

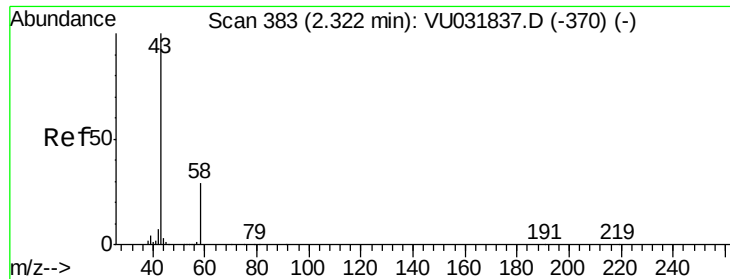
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.171 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

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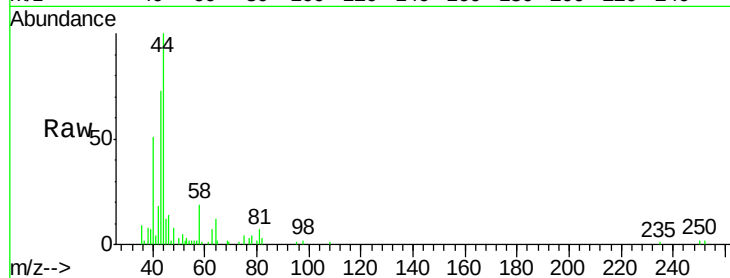
F9D17

Tot Ion: 43 Resp: 9025

Ion Ratio Lower Upper

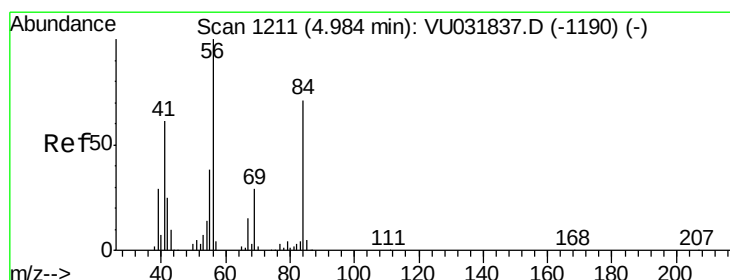
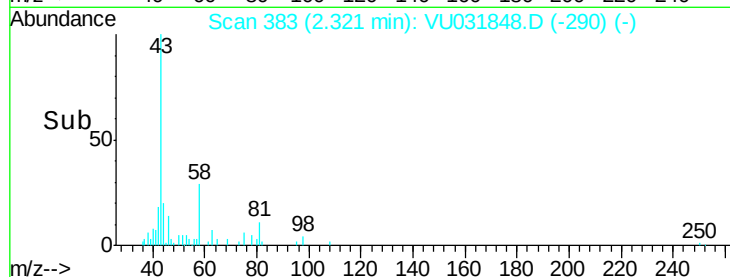
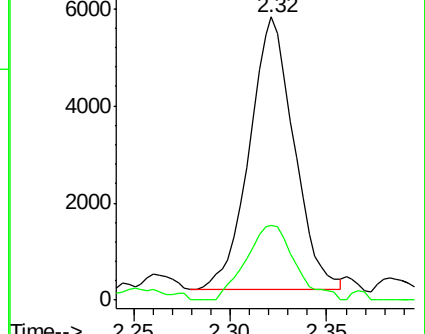
43 100

58 30.0 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#30

Cyclohexane

Concen: 0.710 ug/L

RT: 4.98 min Scan# 1211

Delta R.T. -0.00 min

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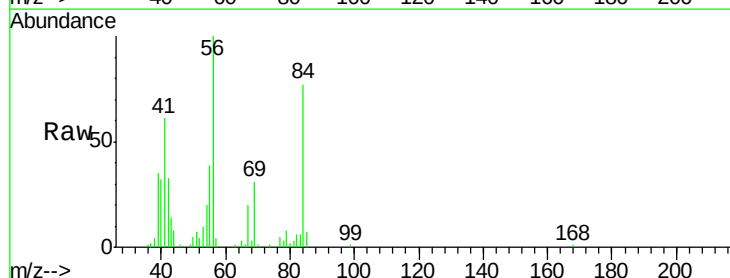
Tgt Ion: 56 Resp: 45601

Ion Ratio Lower Upper

56 100

69 28.8 21.8 32.8

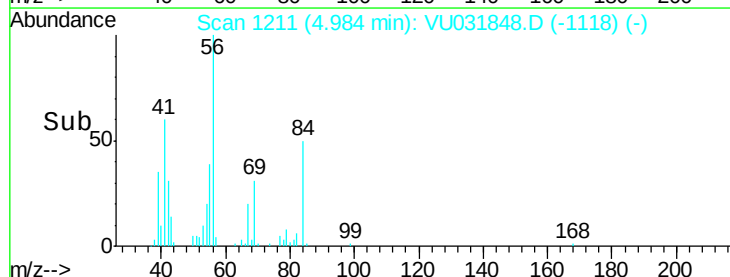
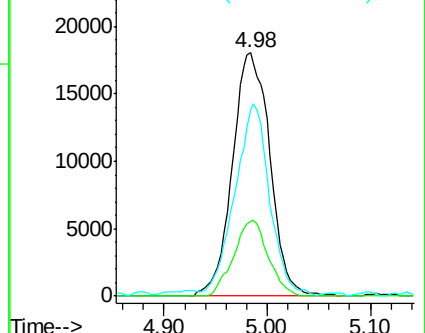
84 73.9 56.8 85.2

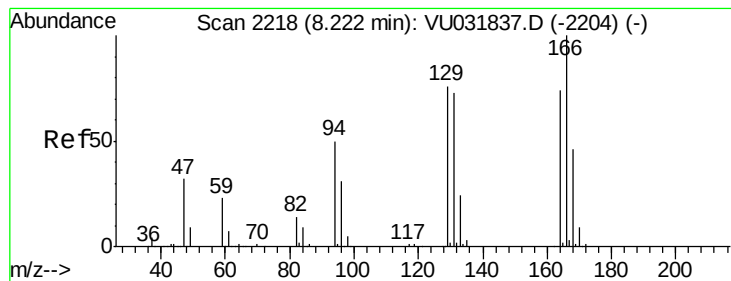


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0





#47

Tetrachloroethene

Concen: 0.377 ug/L

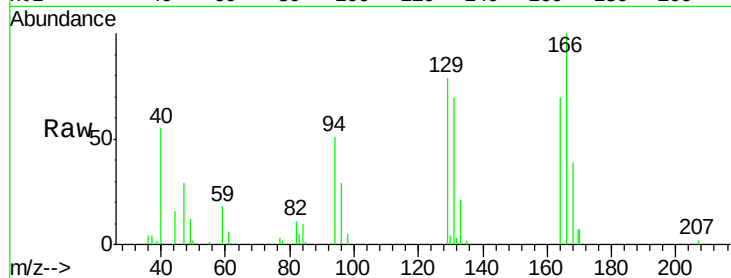
RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

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Tot Ion:164 Resp: 9228

Ion Ratio Lower Upper

164 100

129 112.9 70.3 130.5

131 99.8 65.4 121.4

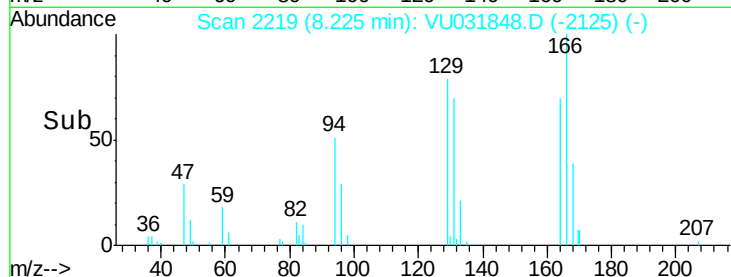
166 142.3 86.0 159.8

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



Time-->

