

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031095.D
 Acq On : 12 Apr 2019 01:46
 Operator : JC/SP
 Sample : K2339-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC47

Manual Integrations
 APPROVED

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 4/12/2019 5:46:23 PM

Quant Time: Apr 12 07:38:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	522886	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	515531	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220334	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	171400	36.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.44%
7) Chloroethane-d5	1.68	69	149199	42.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.24%
11) 1,1-Dichloroethene-d2	2.27	63	244336	28.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.88%#
21) 2-Butanone-d5	4.17	46	348232	94.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.13%
24) Chloroform-d	4.64	84	322728	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.52%
26) 1,2-Dichloroethane-d4	5.30	65	222899	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.62%
32) Benzene-d6	5.33	84	628391	41.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.50%
36) 1,2-Dichloropropane-d6	6.32	67	222083	43.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.12%
41) Toluene-d8	7.56	98	525743	39.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.82%#
43) trans-1,3-Dichloropropene-	7.85	79	90782	38.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.20%
47) 2-Hexanone-d5	8.31	63	189534	80.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	315046	45.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	203961	47.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.14%

Target Compounds					Ovalue
13) Acetone	2.32	43	55105	14.557 ug/L	99
16) Methylene chloride	2.70	84	4028m	0.917 ug/L	
22) 2-Butanone	4.28	43	16409	3.697 ug/L	83

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

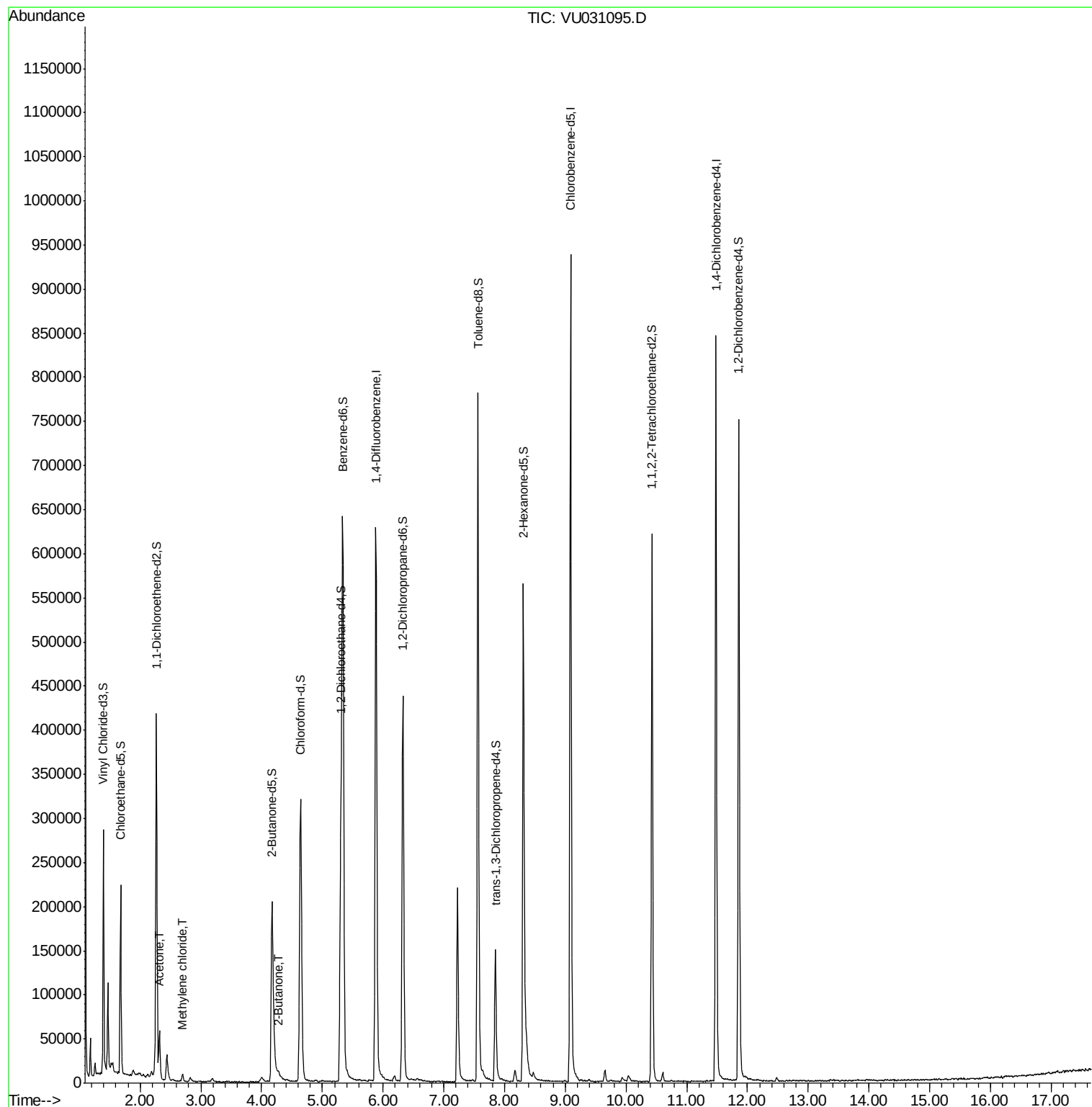
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
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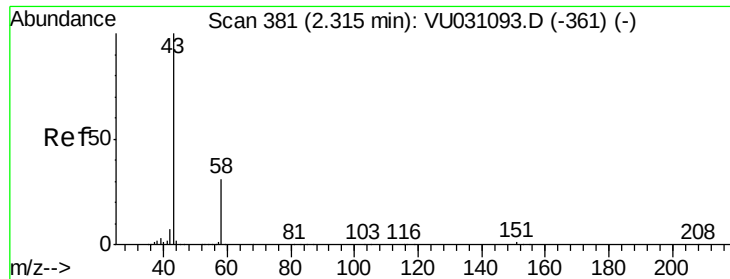
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QLast Update : Fri Apr 12 07:24:02 2019
Response via : Initial Calibration





#13

Acetone

Concen: 14.557 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031095.D

Acq: 12 Apr 2019 01:46

Instrument :

MSVOA_U

ClientSampleId :

BFC47

Tot Ion: 43 Resp: 55105

Ion Ratio Lower Upper

43 100

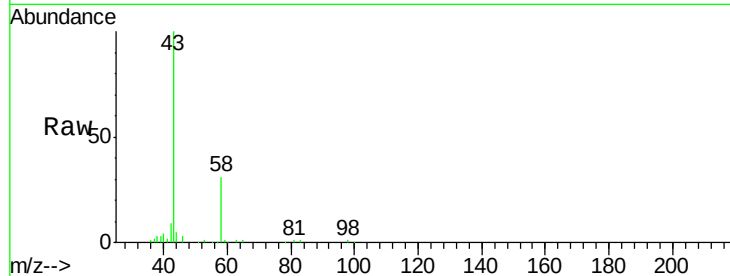
58 32.4 0.0 64.0

Manual Integrations

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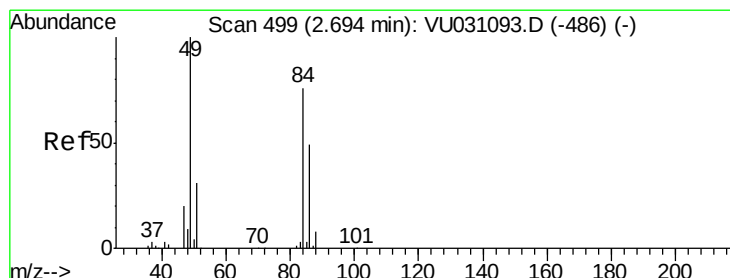
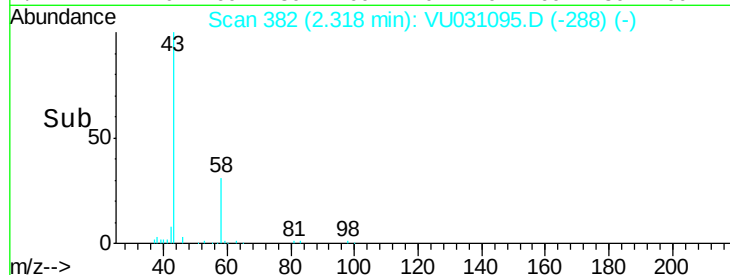
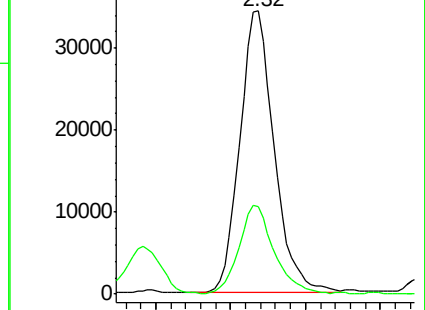
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Abundance Ion 43.00 (42.70 to 43.70): VU031093.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU031093.D (-361) (-)



#16

Methylene chloride

Concen: 0.917 ug/L m

RT: 2.70 min Scan# 501

Delta R.T. 0.01 min

Lab File: VU031095.D

Acq: 12 Apr 2019 01:46

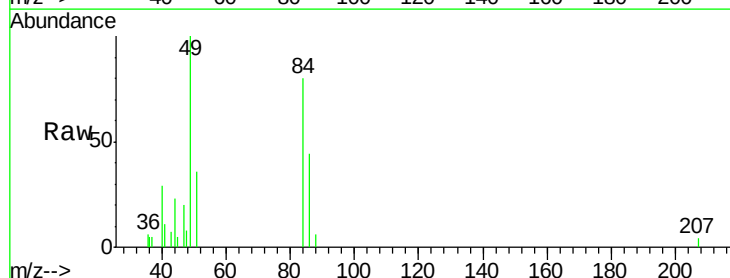
Tgt Ion: 84 Resp: 4028

Ion Ratio Lower Upper

84 100

86 55.7 45.1 83.7

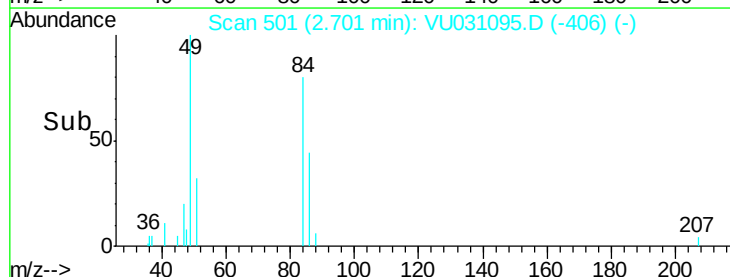
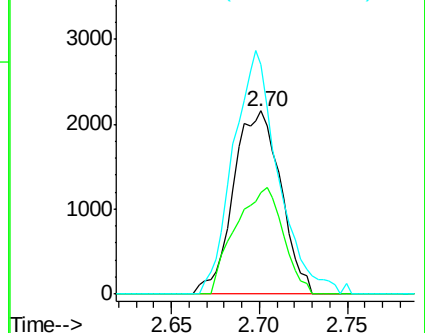
49 125.5 96.5 179.1

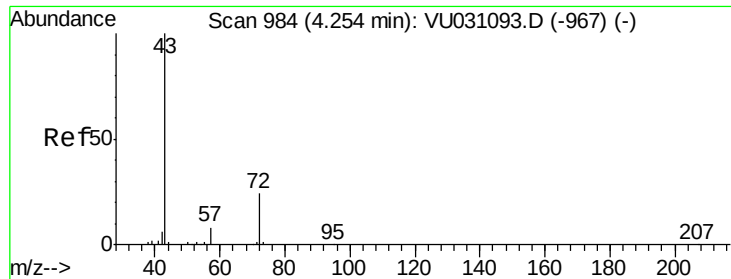


Abundance Ion 84.00 (83.70 to 84.70): VU031093.D (-486) (-)

Ion 86.00 (85.70 to 86.70): VU031093.D (-486) (-)

Ion 49.00 (48.70 to 49.70): VU031093.D (-486) (-)





#22
 2-Butanone
 Concen: 3.697 ug/L
 RT: 4.28 min Scan# 992
 Delta R.T. 0.03 min
 Lab File: VU031095.D
 Acq: 12 Apr 2019 01:46

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Tot Ion	Ratio	Lower	Upper
43	100		
72	13.7	10.8	32.4

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