

Data File : VU030101.D
Acq On : 15 Mar 2019 11:22
Operator : JC/SP
Sample : K1917-19RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09H9

Quant Time: Mar 16 00:05:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	467145	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	451550	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	221216	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	100071	32.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.78%
7) Chloroethane-d5	1.68	69	94518	37.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.78%
11) 1,1-Dichloroethene-d2	2.27	63	155092	27.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.62%#
21) 2-Butanone-d5	4.17	46	236547	102.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.18%
24) Chloroform-d	4.65	84	250362	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
26) 1,2-Dichloroethane-d4	5.31	65	151736	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.78%
32) Benzene-d6	5.34	84	518463	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.33	67	172319	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.88%
41) Toluene-d8	7.56	98	475618	43.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.85	79	77833	45.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.34%
47) 2-Hexanone-d5	8.31	63	197037	98.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.99%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	268463	49.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	210032	49.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.02%

Target Compounds

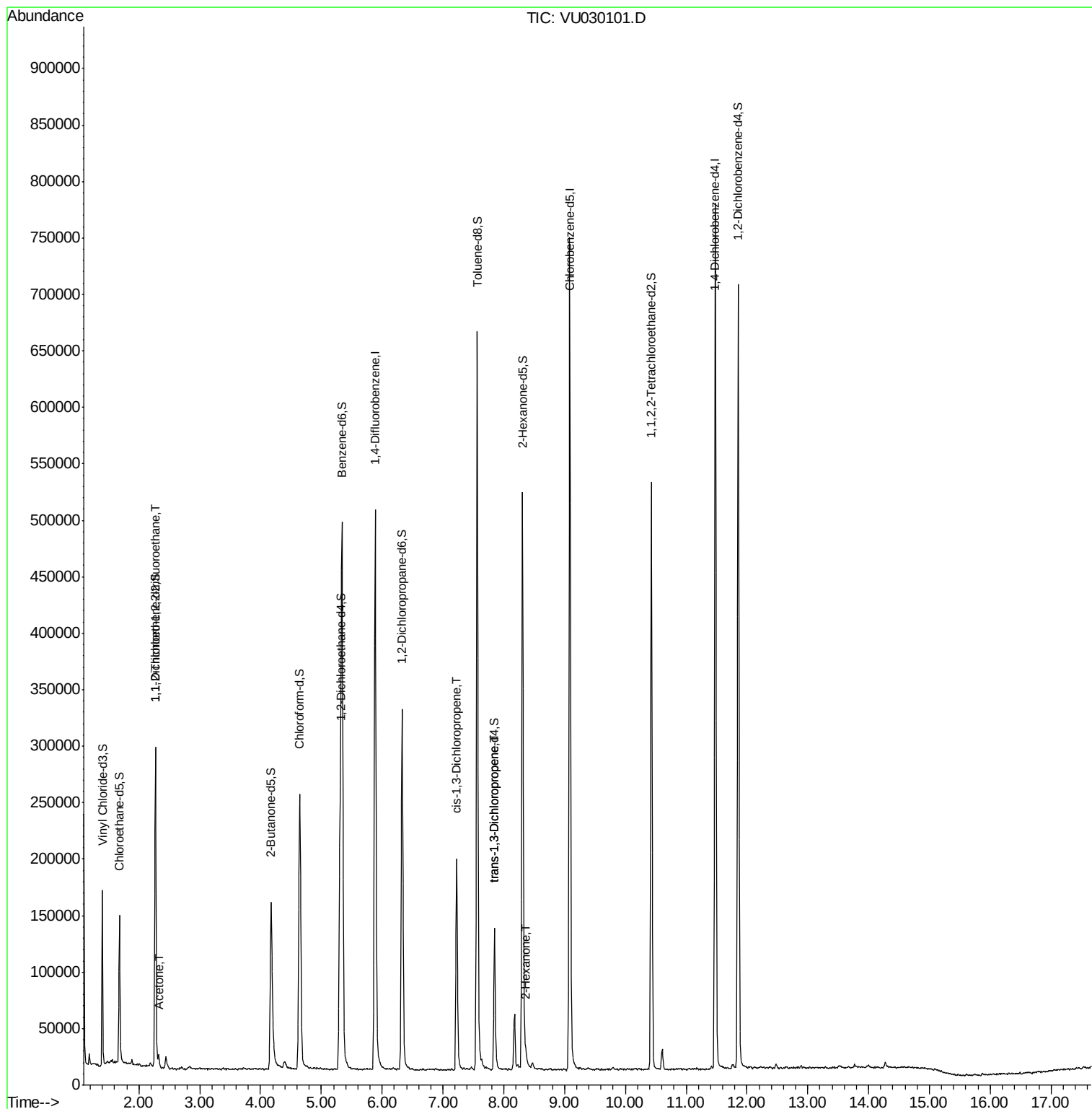
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1859	0.606 ug/L #	21
13) Acetone	2.32	43	10424	3.851 ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	4050	0.766 ug/L #	70
44) trans-1,3-Dichloropropene	7.85	75	3394	0.703 ug/L	86
48) 2-Hexanone	8.36	43	5234	1.337 ug/L #	89

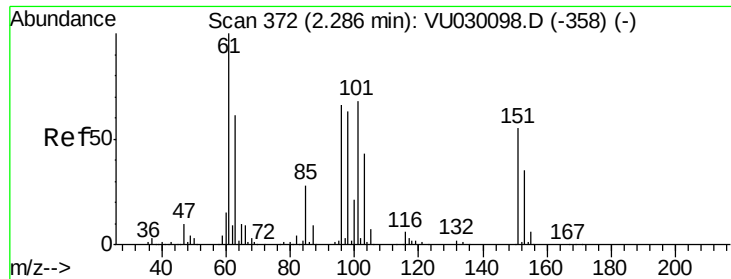
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.606 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

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C09H9

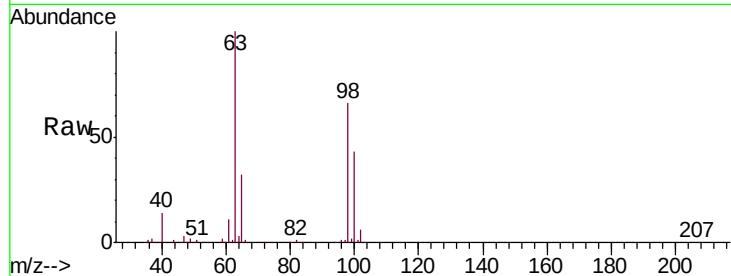
Tgt Ion:101 Resp: 1859

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

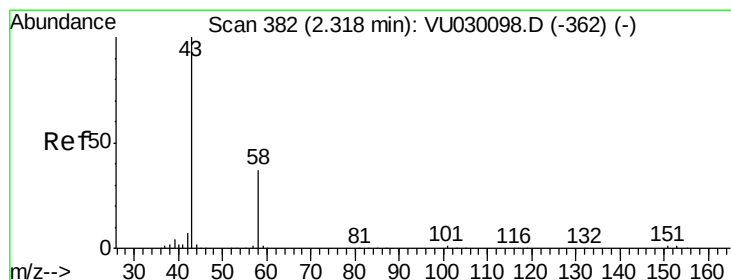
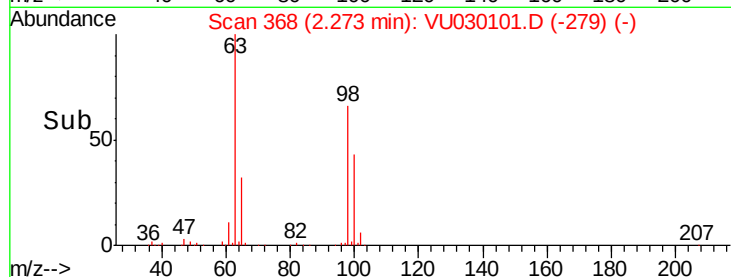
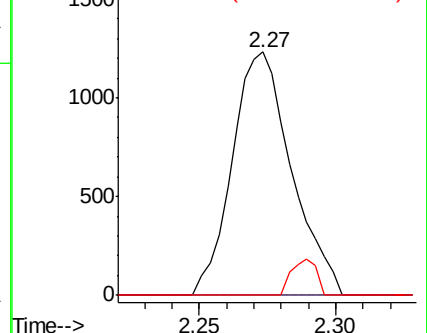
151 6.3 66.1 99.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 3.851 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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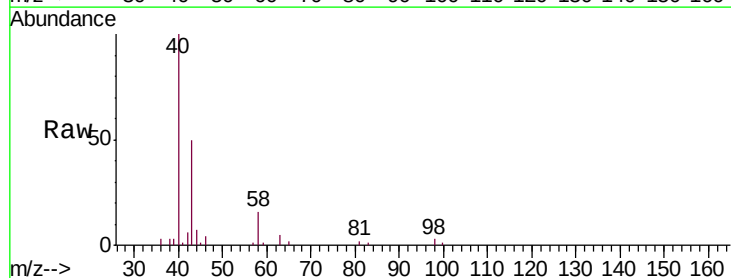
Acq: 15 Mar 2019 11:22

Tgt Ion: 43 Resp: 10424

Ion Ratio Lower Upper

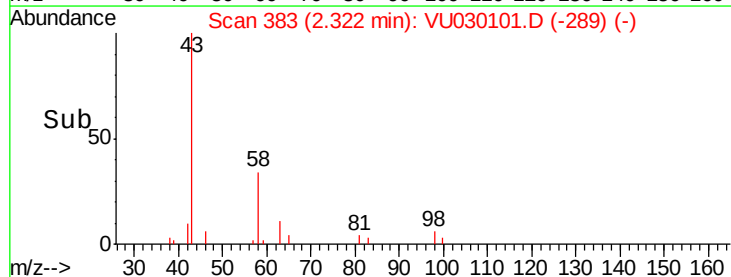
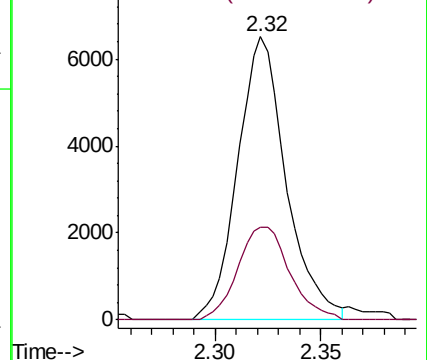
43 100

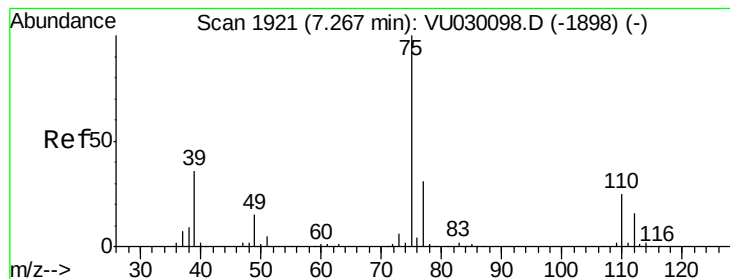
58 35.3 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#39

cis-1,3-Dichloropropene

Concen: 0.766 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

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ClientSampleId :

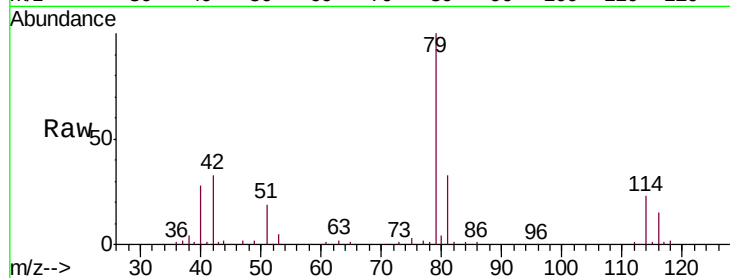
C09H9

Tgt Ion: 75 Resp: 4050

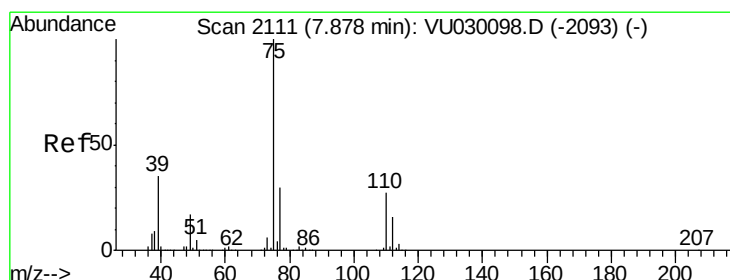
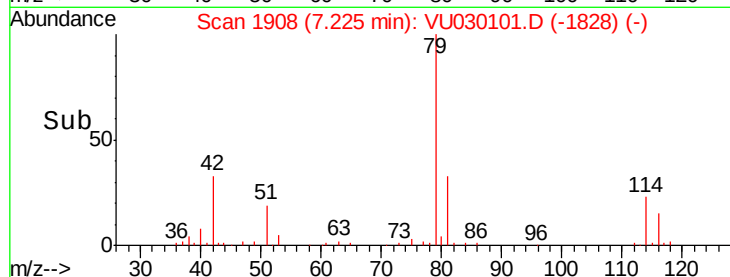
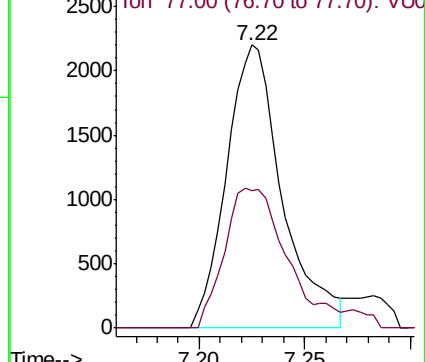
Ion Ratio Lower Upper

75 100

77 48.4 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU030098.D (-1898) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.703 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU030101.D

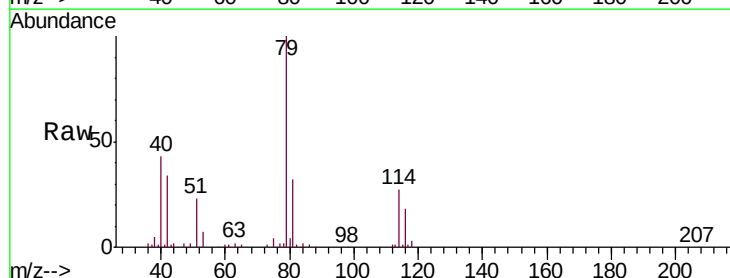
Acq: 15 Mar 2019 11:22

Tgt Ion: 75 Resp: 3394

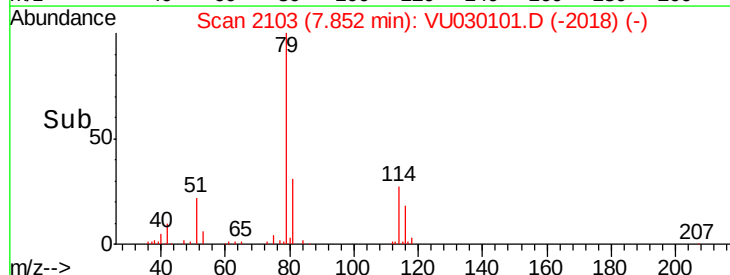
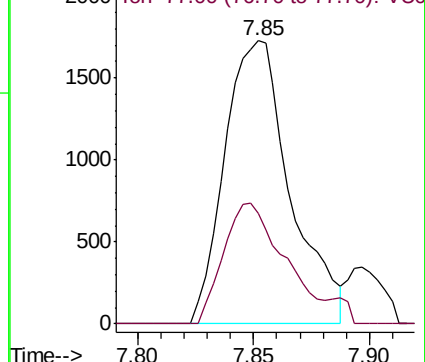
Ion Ratio Lower Upper

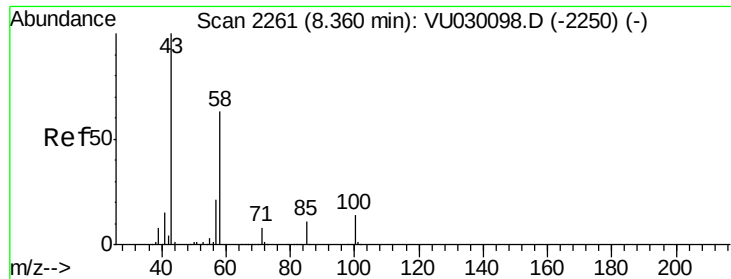
75 100

77 39.1 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU030098.D (-2093) (-)





#48
 2-Hexanone
 Concen: 1.337 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
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Instrument :
 MSVOA_U
 ClientSampleId :
 C09H9

Tgt Ion: 43 Resp: 5234
 Ion Ratio Lower Upper
 43 100
 58 59.4 48.6 72.8
 57 4.4 16.1 24.1#
 100 7.1 11.6 17.4#

