

Data File : VU030104.D
Acq On : 15 Mar 2019 12:31
Operator : JC/SP
Sample : K1918-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09H4

Quant Time: Mar 16 00:05:53 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	494830	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	474109	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	227348	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	110928	33.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.78%
7) Chloroethane-d5	1.68	69	103532	39.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.38%
11) 1,1-Dichloroethene-d2	2.27	63	166451	28.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.34%#
21) 2-Butanone-d5	4.18	46	237460	96.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.83%
24) Chloroform-d	4.65	84	264254	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.02%
26) 1,2-Dichloroethane-d4	5.31	65	158999	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.76%
32) Benzene-d6	5.34	84	553517	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.70%
36) 1,2-Dichloropropane-d6	6.33	67	176011	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.24%
41) Toluene-d8	7.56	98	507557	44.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.82%
43) trans-1,3-Dichloropropene-	7.85	79	76194	42.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.22%
47) 2-Hexanone-d5	8.31	63	193875	92.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	274035	47.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	215940	49.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.06%

Target Compounds

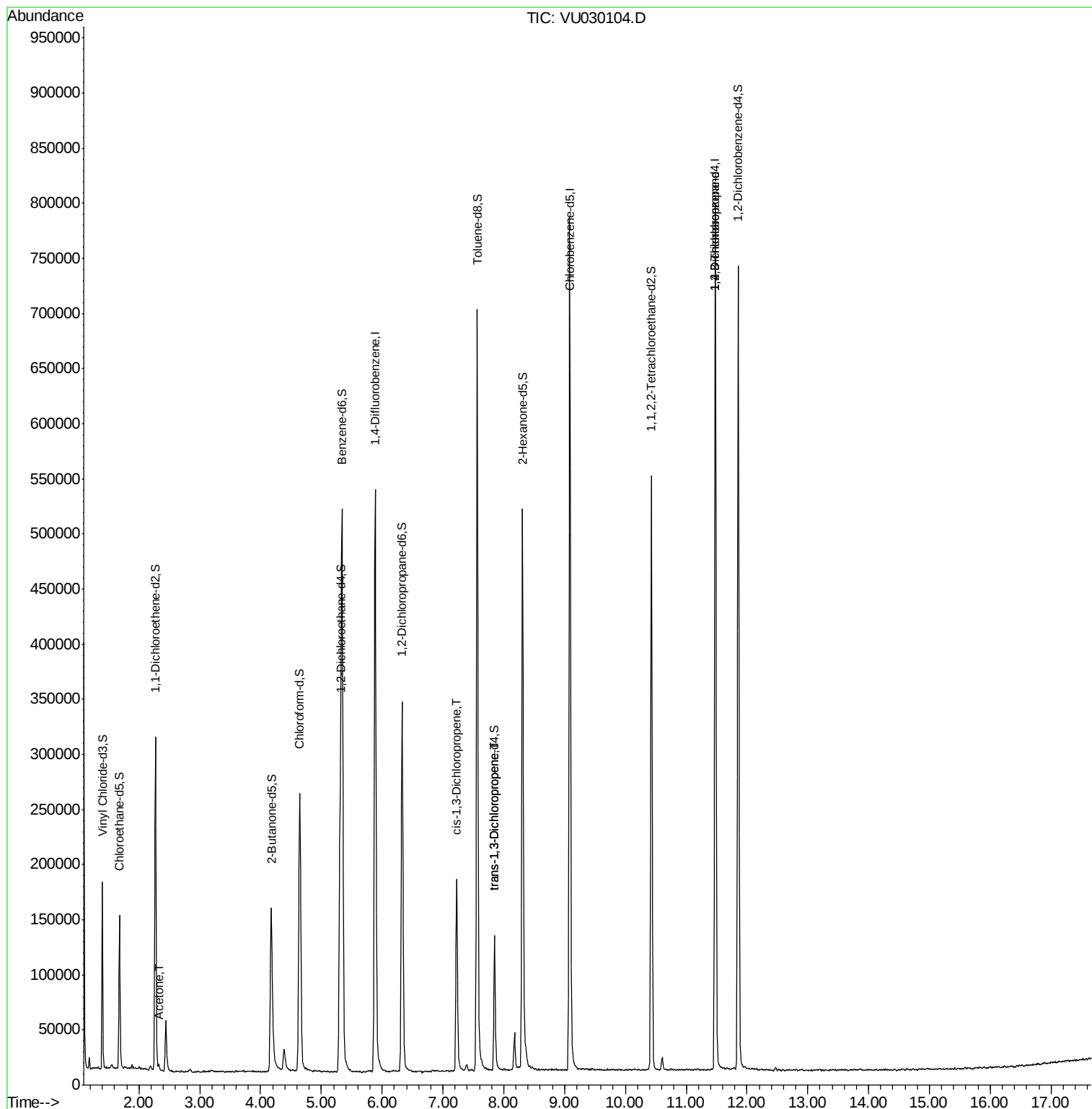
					Qvalue
13) Acetone	2.32	43	3730	1.301 ug/L	91
39) cis-1,3-Dichloropropene	7.22	75	4121	0.742 ug/L #	67
44) trans-1,3-Dichloropropene	7.85	75	3000	0.592 ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	23570	5.072 ug/L	93

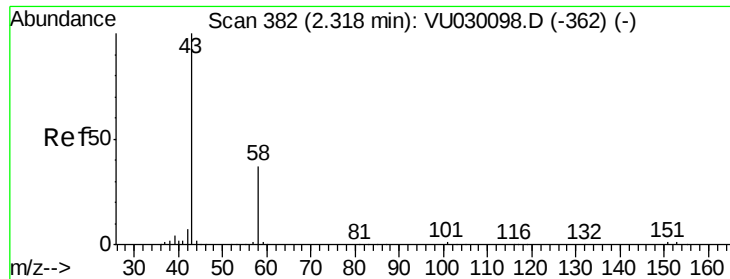
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.301 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Acq: 15 Mar 2019 12:31

Instrument :

MSVOA_U

ClientSampleId :

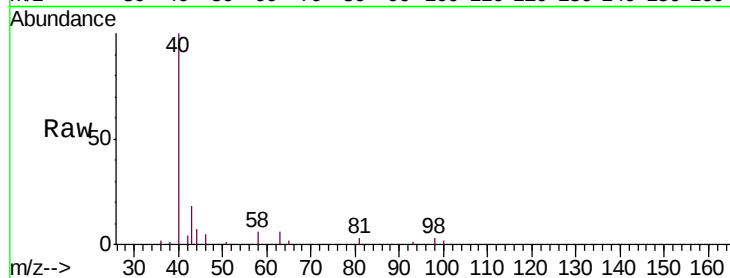
C09H4

Tgt Ion: 43 Resp: 3730

Ion Ratio Lower Upper

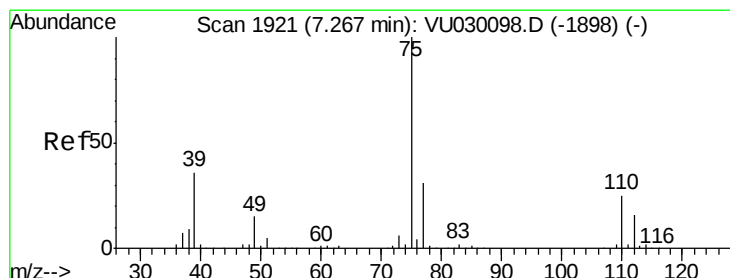
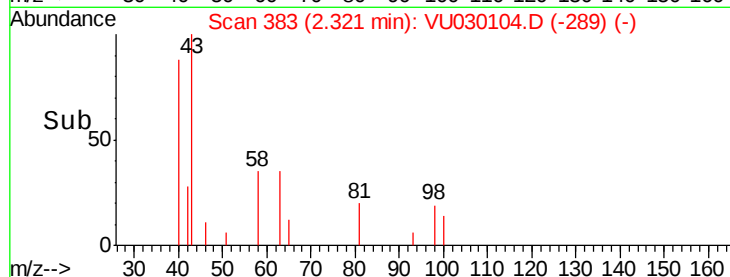
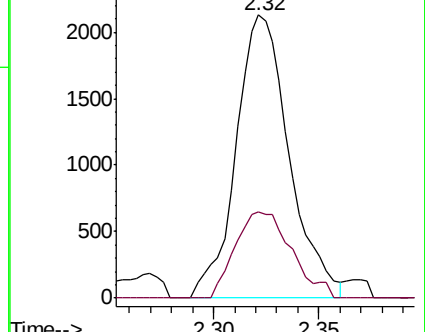
43 100

58 31.0 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU030098.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU030098.D (-362) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.742 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030104.D

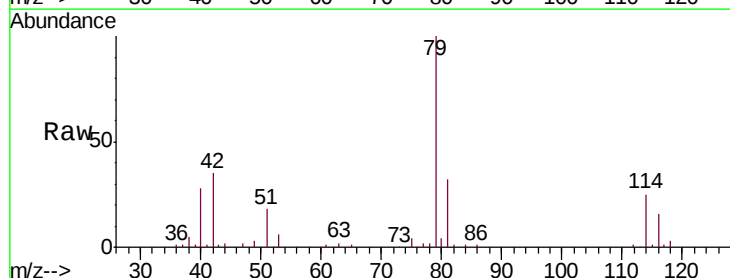
Acq: 15 Mar 2019 12:31

Tgt Ion: 75 Resp: 4121

Ion Ratio Lower Upper

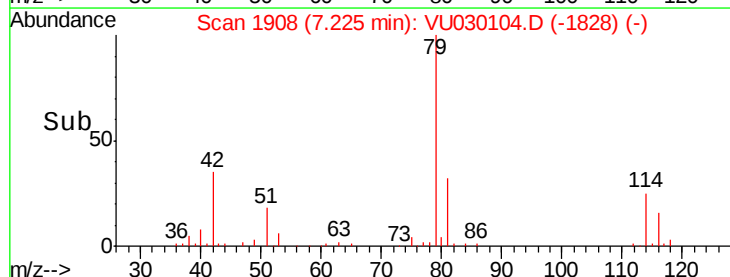
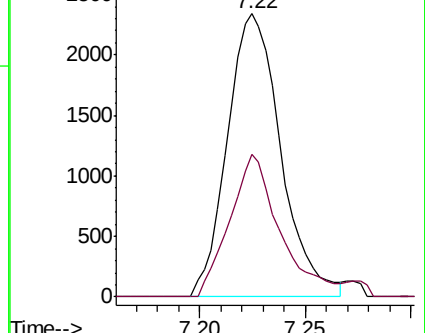
75 100

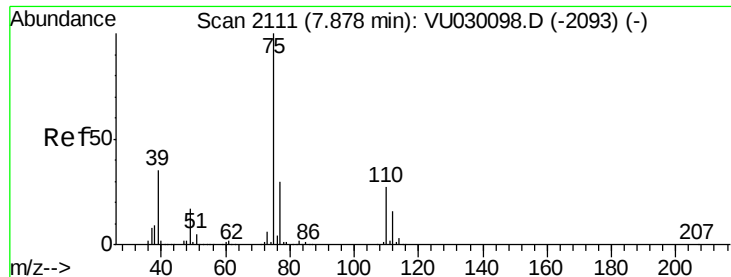
77 50.2 22.2 41.2#



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

Ion 77.00 (76.70 to 77.70): VU030098.D (-1898) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.592 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030104.D

Acq: 15 Mar 2019 12:31

Instrument :

MSVOA_U

ClientSampleId :

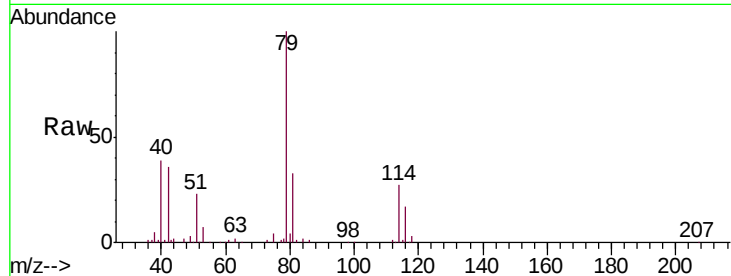
C09H4

Tgt Ion: 75 Resp: 3000

Ion Ratio Lower Upper

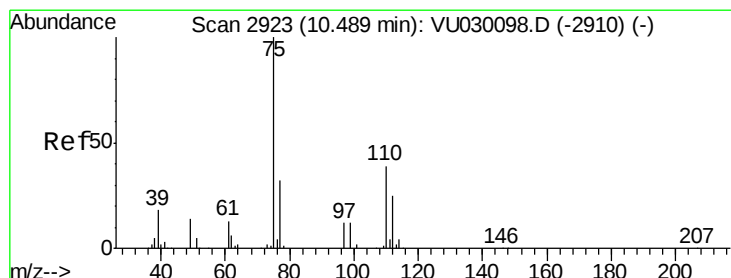
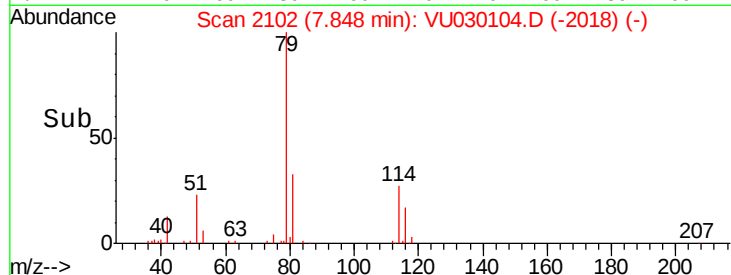
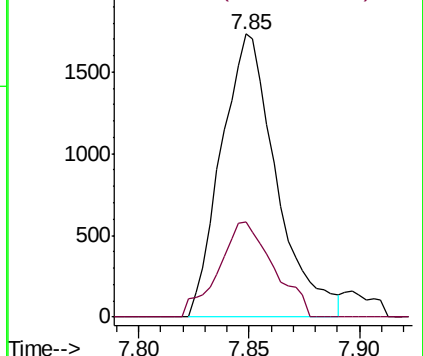
75 100

77 33.4 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.072 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030104.D

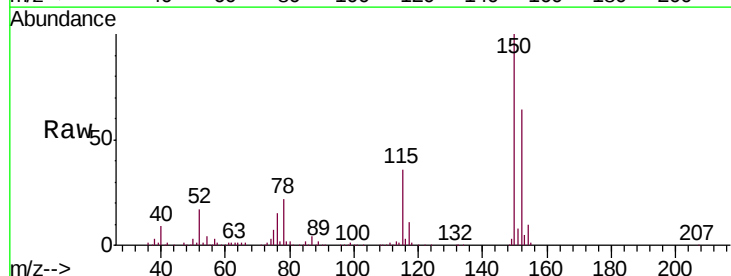
Acq: 15 Mar 2019 12:31

Tgt Ion: 75 Resp: 23570

Ion Ratio Lower Upper

75 100

77 36.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

