

Data File : VU030118.D
Acq On : 15 Mar 2019 18:07
Operator : JC/SP
Sample : K1917-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09F7

Quant Time: Mar 16 00:56:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 00:52:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	520861	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	505441	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	231580	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	126400	36.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.38%
7) Chloroethane-d5	1.68	69	110916	39.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.76%
11) 1,1-Dichloroethene-d2	2.27	63	182632	29.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.74%#
21) 2-Butanone-d5	4.18	46	251043	97.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.25%
24) Chloroform-d	4.65	84	275748	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
26) 1,2-Dichloroethane-d4	5.31	65	167397	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
32) Benzene-d6	5.34	84	575015	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.33	67	189006	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.94%
41) Toluene-d8	7.56	98	521374	42.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.58%
43) trans-1,3-Dichloropropene-	7.85	79	76972	39.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.82%
47) 2-Hexanone-d5	8.31	63	203573	91.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	285441	46.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	219674	48.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.94%

Target Compounds

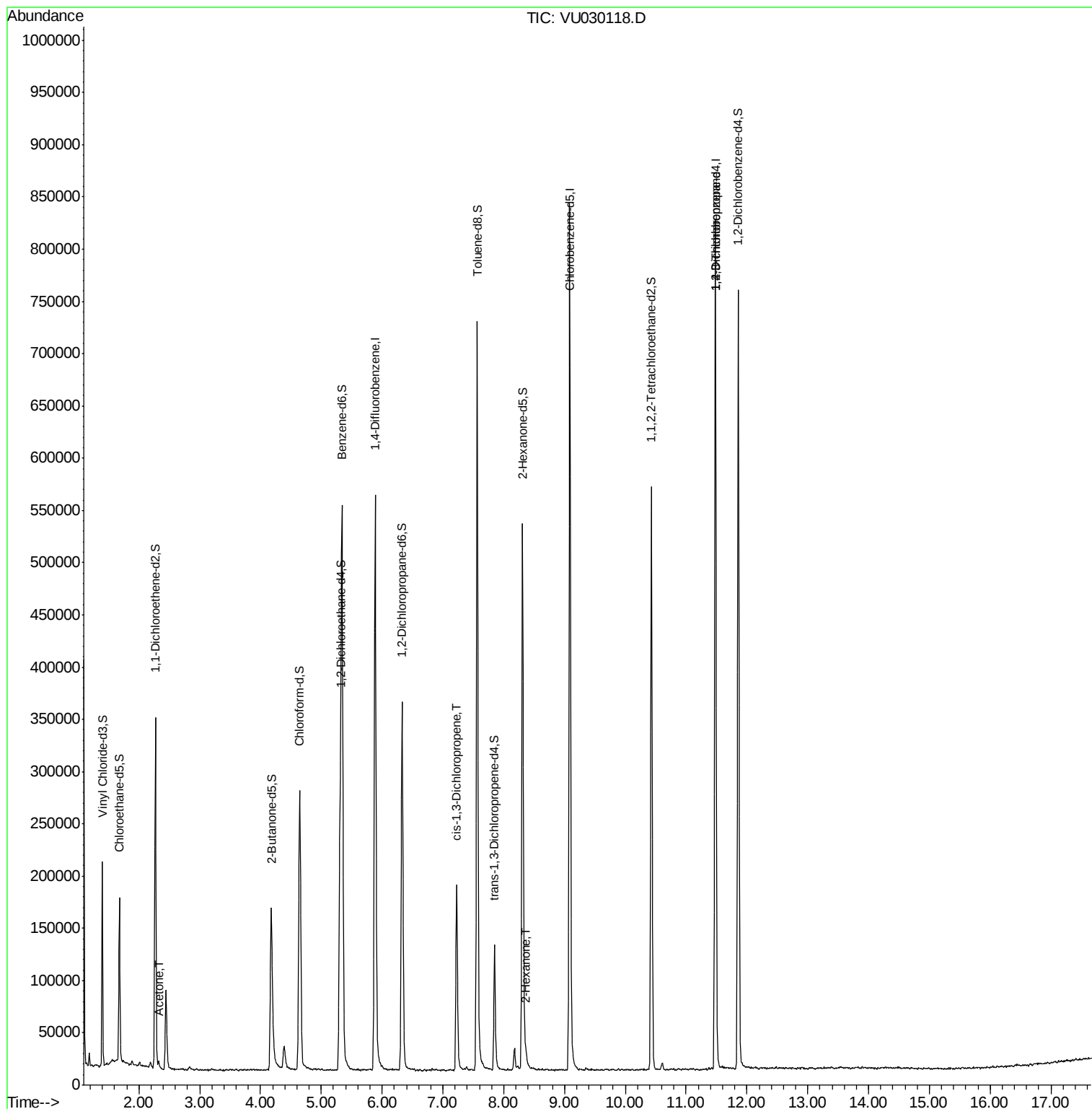
					Qvalue
13) Acetone	2.32	43	4236	1.404 ug/L	100
39) cis-1,3-Dichloropropene	7.22	75	4054	0.685 ug/L #	58
48) 2-Hexanone	8.37	43	4459	1.017 ug/L #	92
59) 1,2,3-Trichloropropane	11.48	75	24703	4.986 ug/L	98

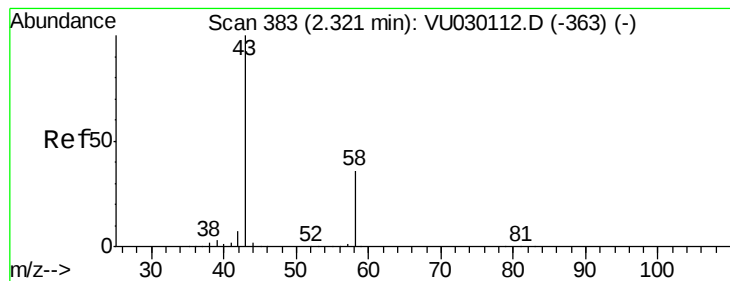
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.404 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Acq: 15 Mar 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

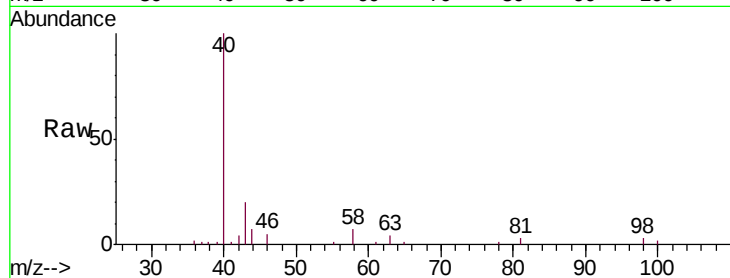
C09F7

Tgt Ion: 43 Resp: 4236

Ion Ratio Lower Upper

43 100

58 36.6 0.0 73.0

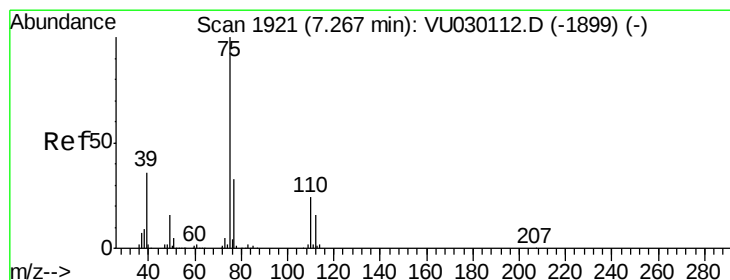
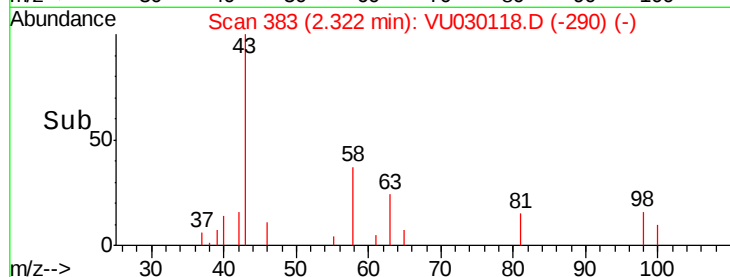


Abundance Ion 43.00 (42.70 to 43.70): VU030118.D (-290) (-)

Ion 58.00 (57.70 to 58.70): VU030118.D (-290) (-)

Time-->

2.30 2.35



#39

cis-1,3-Dichloropropene

Concen: 0.685 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030118.D

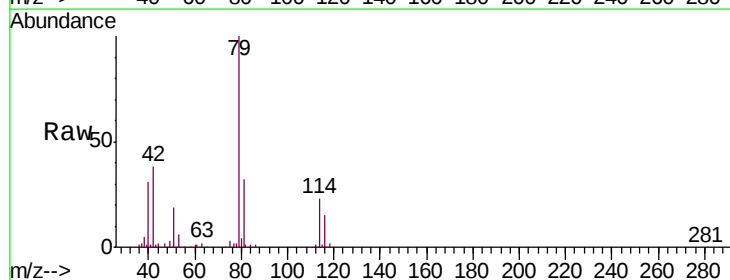
Acq: 15 Mar 2019 18:07

Tgt Ion: 75 Resp: 4054

Ion Ratio Lower Upper

75 100

77 54.9 22.2 41.2#

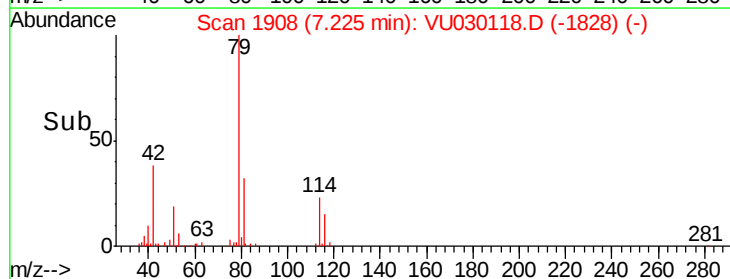


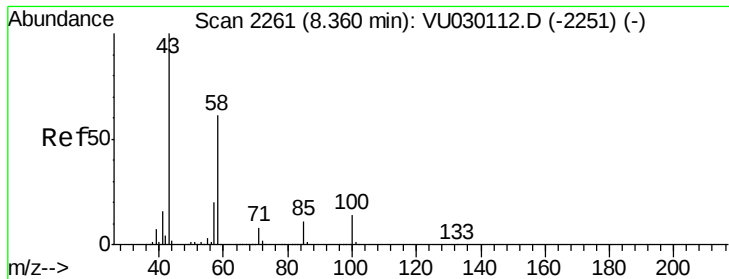
Abundance Ion 75.00 (74.70 to 75.70): VU030118.D (-1828) (-)

Ion 77.00 (76.70 to 77.70): VU030118.D (-1828) (-)

Time-->

7.20 7.25

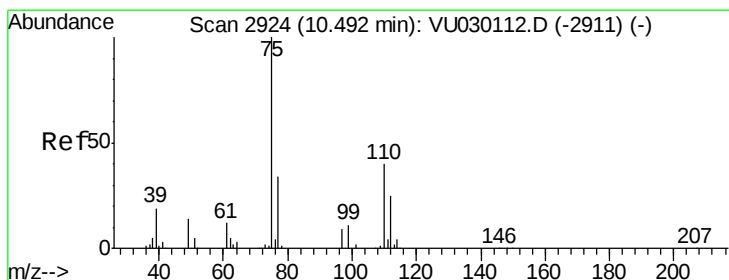
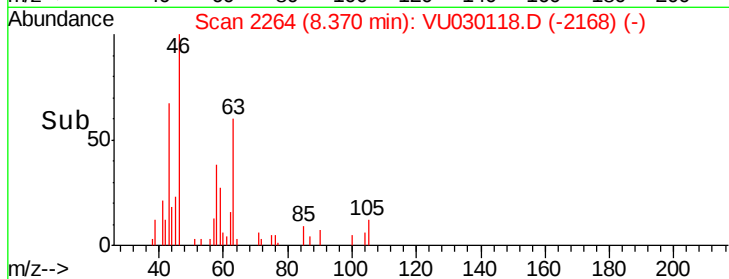
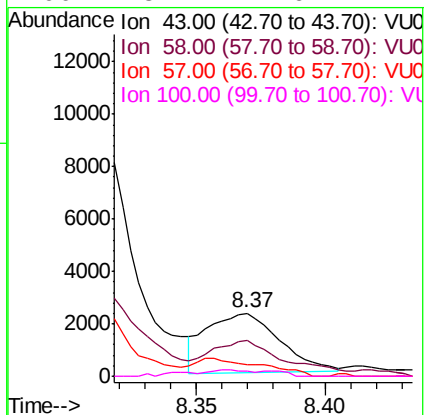
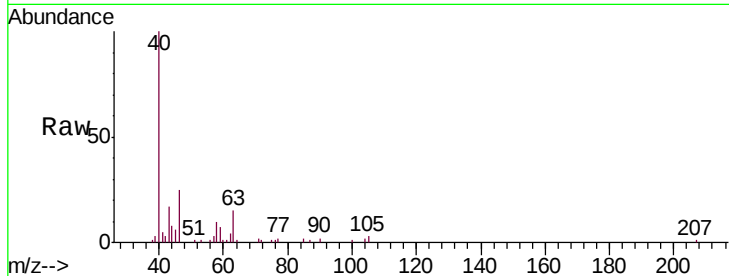




#48
 2-Hexanone
 Concen: 1.017 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
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 MSVOA_U
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 C09F7

Tgt Ion: 43 Resp: 4459
 Ion Ratio Lower Upper
 43 100
 58 61.9 48.6 72.8
 57 28.7 16.1 24.1#
 100 5.7 11.6 17.4#



#59
 1,2,3-Trichloropropane
 Concen: 4.986 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030118.D
 Acq: 15 Mar 2019 18:07

Tgt Ion: 75 Resp: 24703
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.8 38.8

