

Data File : VU030117.D
Acq On : 15 Mar 2019 17:44
Operator : JC/SP
Sample : K1917-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09F6

Quant Time: Mar 16 00:56:02 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	521607	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	509238	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	234012	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	125819	36.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.94%
7) Chloroethane-d5	1.68	69	113867	40.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.76%
11) 1,1-Dichloroethene-d2	2.35	63	351	0.06	ug/L	0.08
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.12%#
21) 2-Butanone-d5	4.17	46	249858	96.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.66%
24) Chloroform-d	4.65	84	277676	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.74%
26) 1,2-Dichloroethane-d4	5.31	65	170287	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
32) Benzene-d6	5.34	84	578420	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.26%
36) 1,2-Dichloropropane-d6	6.33	67	187348	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.40%
41) Toluene-d8	7.56	98	513646	41.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.70%
43) trans-1,3-Dichloropropene-	7.85	79	76053	39.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.26%
47) 2-Hexanone-d5	8.31	63	201607	89.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	288473	46.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	220797	48.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.42%

Target Compounds

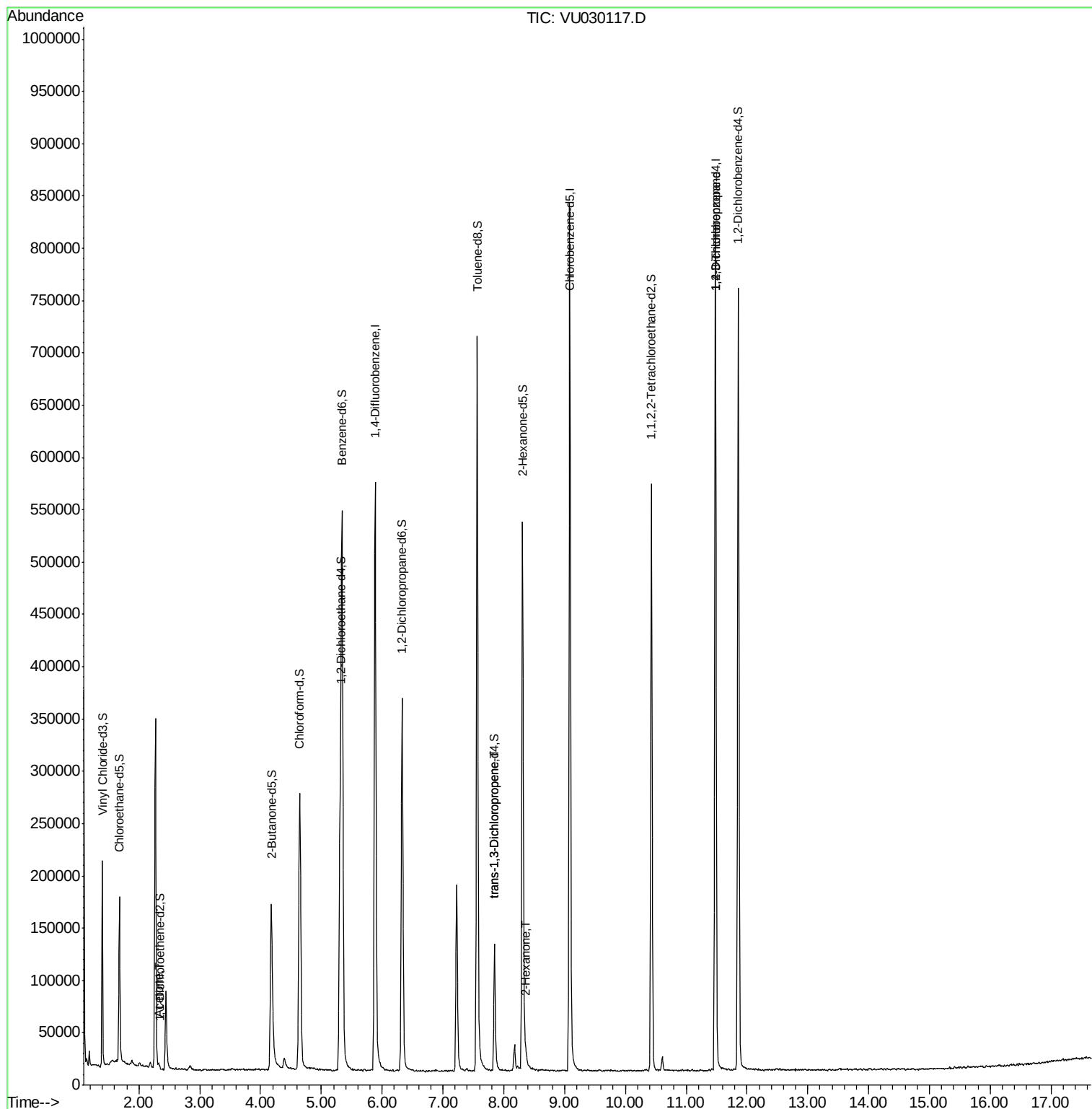
					Qvalue
13) Acetone	2.32	43	3867	1.279 ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	2988	0.549 ug/L	97
48) 2-Hexanone	8.36	43	4259	0.965 ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	24266	4.861 ug/L	96

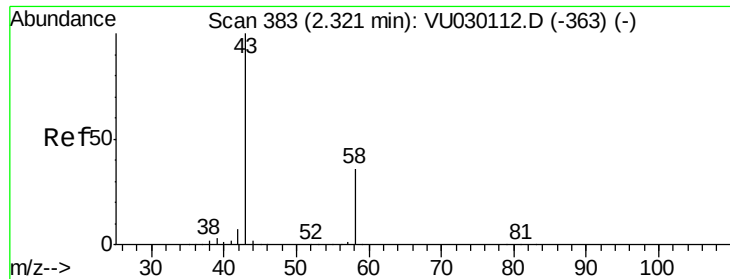
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.279 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

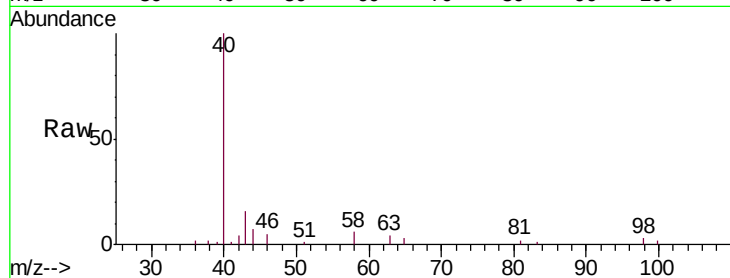
C09F6

Tgt Ion: 43 Resp: 3867

Ion Ratio Lower Upper

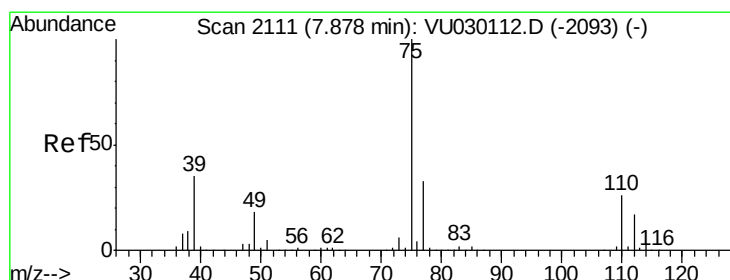
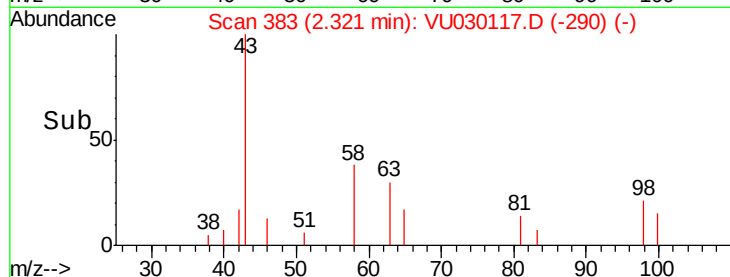
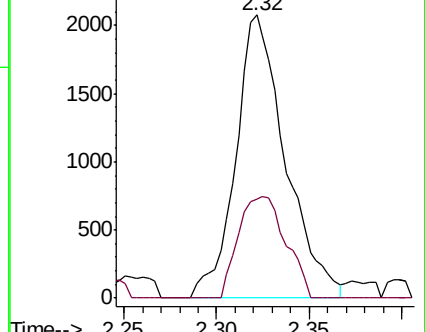
43 100

58 34.1 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU030117.D (-290) (-)

Ion 58.00 (57.70 to 58.70): VU030117.D (-290) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.549 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030117.D

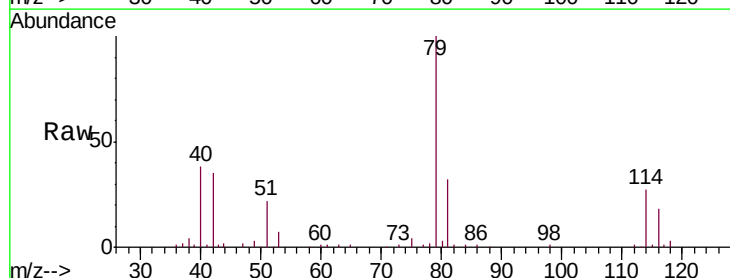
Acq: 15 Mar 2019 17:44

Tgt Ion: 75 Resp: 2988

Ion Ratio Lower Upper

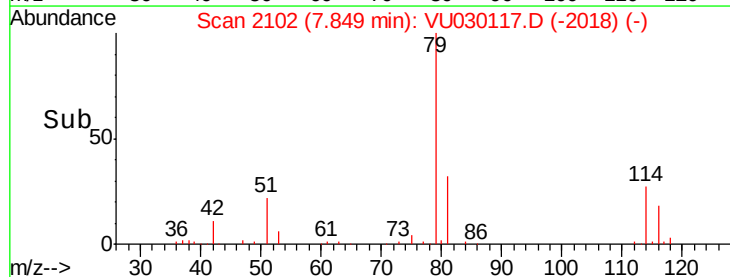
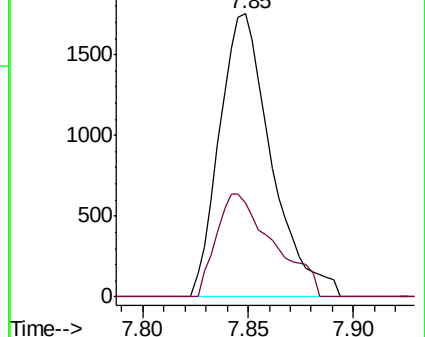
75 100

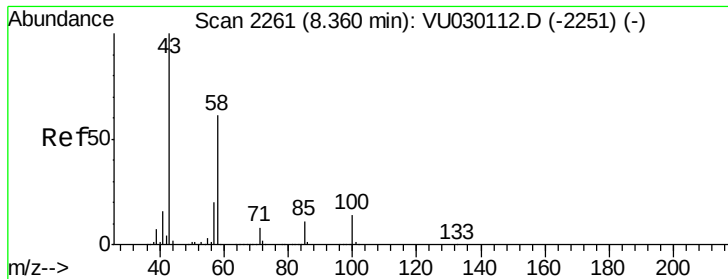
77 33.2 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU030117.D (-2018) (-)

Ion 77.00 (76.70 to 77.70): VU030117.D (-2018) (-)

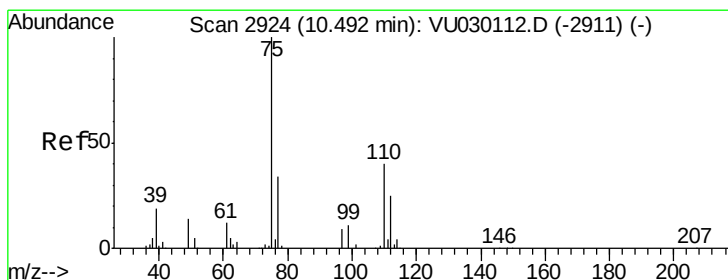
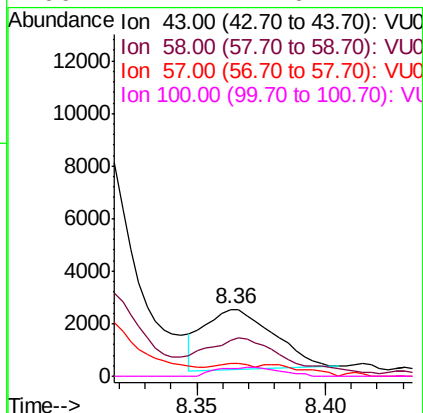
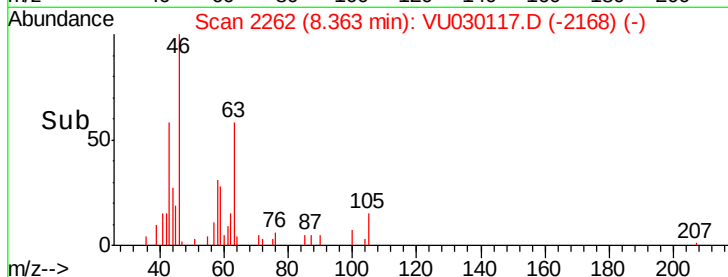
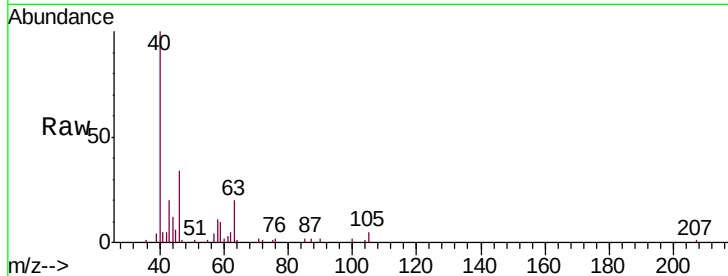




#48
2-Hexanone
Concen: 0.965 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
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Tgt Ion: 43 Resp: 4259
Ion Ratio Lower Upper
43 100
58 48.5 48.6 72.8#
57 11.9 16.1 24.1#
100 4.7 11.6 17.4#



#59
1,2,3-Trichloropropane
Concen: 4.861 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030117.D
Acq: 15 Mar 2019 17:44

Tgt Ion: 75 Resp: 24266
Ion Ratio Lower Upper
75 100
77 34.7 25.8 38.8

