

Data File : VU030119.D
Acq On : 15 Mar 2019 18:30
Operator : JC/SP
Sample : K1917-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09F8

Quant Time: Mar 16 00:56:19 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	521870	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	499753	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	225499	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	125636	36.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.80%
7) Chloroethane-d5	1.68	69	110878	39.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.58%
11) 1,1-Dichloroethene-d2	2.27	63	183077	29.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.76%#
21) 2-Butanone-d5	4.18	46	249206	96.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.36%
24) Chloroform-d	4.65	84	275265	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.92%
26) 1,2-Dichloroethane-d4	5.31	65	169172	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
32) Benzene-d6	5.34	84	574773	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.36%
36) 1,2-Dichloropropane-d6	6.33	67	186537	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.76%
41) Toluene-d8	7.56	98	512525	42.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.10%
43) trans-1,3-Dichloropropene-	7.85	79	75120	39.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.78%
47) 2-Hexanone-d5	8.31	63	202654	91.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.99%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	288920	47.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	219030	50.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.28%

Target Compounds

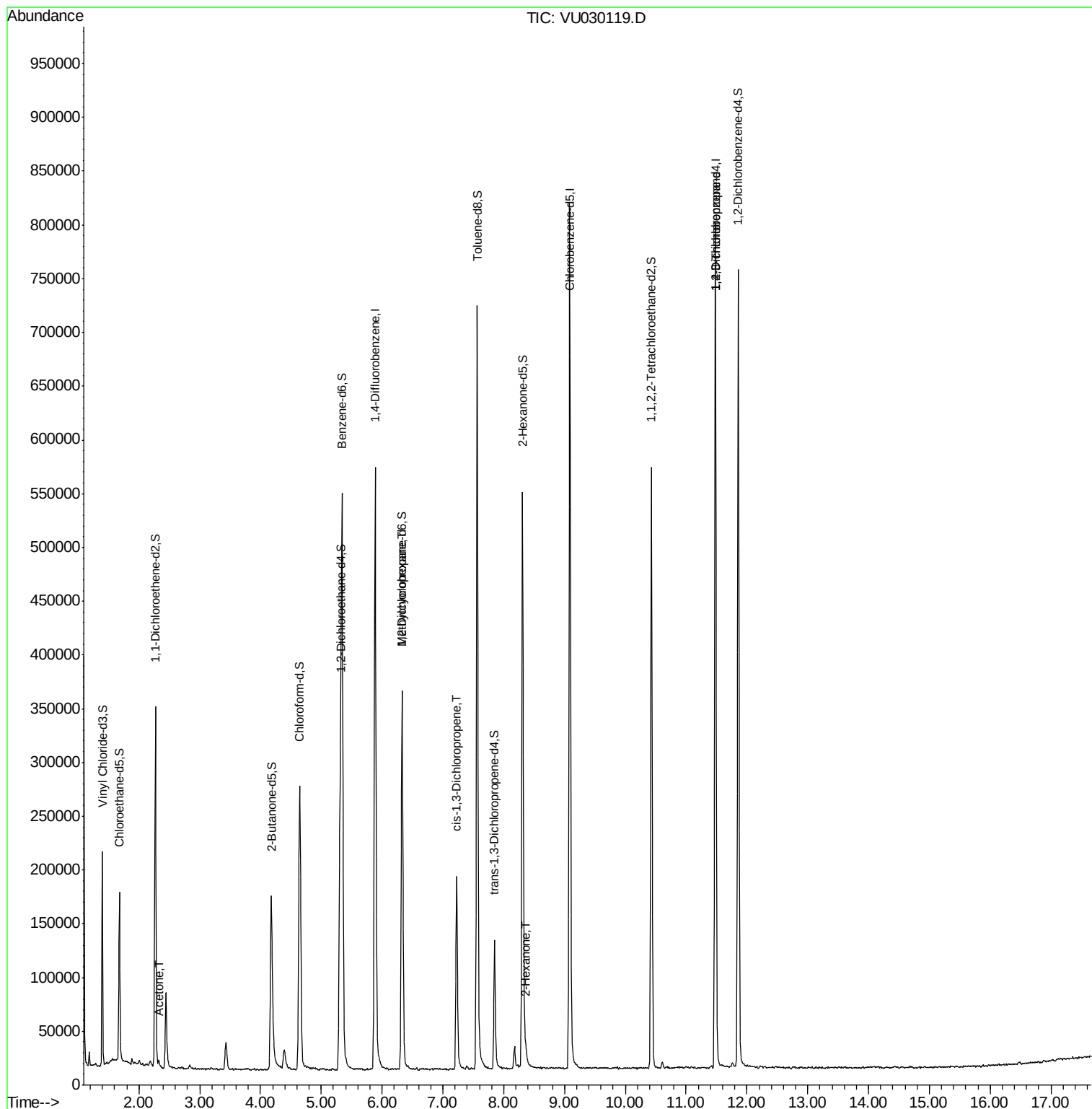
					Qvalue
13) Acetone	2.32	43	3517	1.163 ug/L	88
35) Methylcyclohexane	6.33	83	41884	6.891 ug/L #	22
39) cis-1,3-Dichloropropene	7.23	75	4281	0.731 ug/L #	40
48) 2-Hexanone	8.37	43	4864	1.123 ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	24175	4.935 ug/L	96

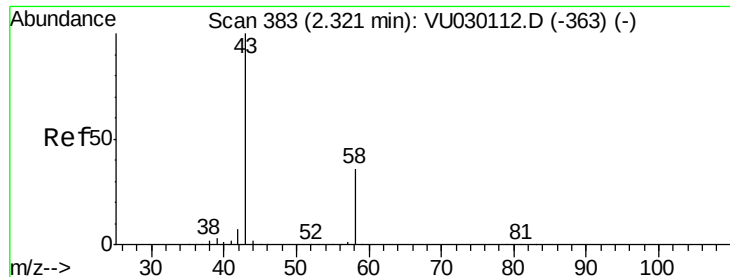
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.163 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

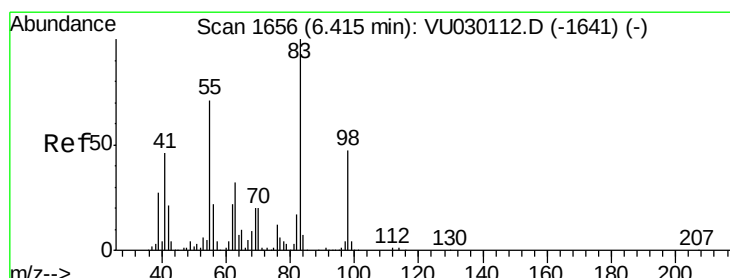
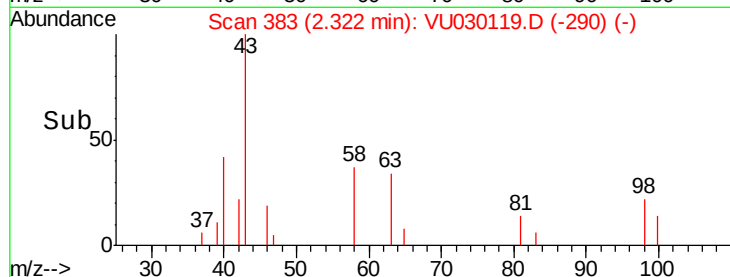
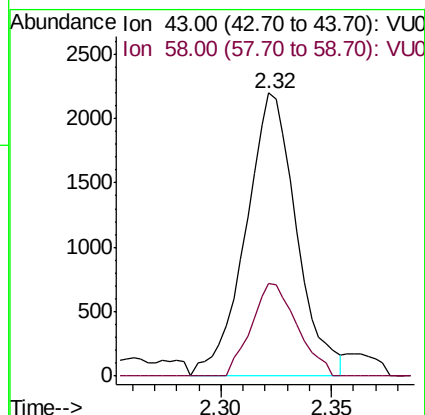
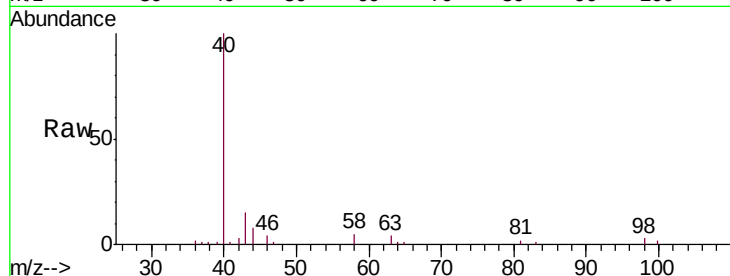
C09F8

Tgt Ion: 43 Resp: 3517

Ion Ratio Lower Upper

43 100

58 29.6 0.0 73.0



#35

Methylcyclohexane

Concen: 6.891 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.09 min

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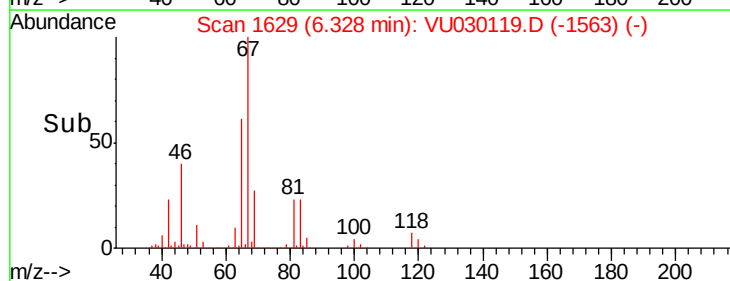
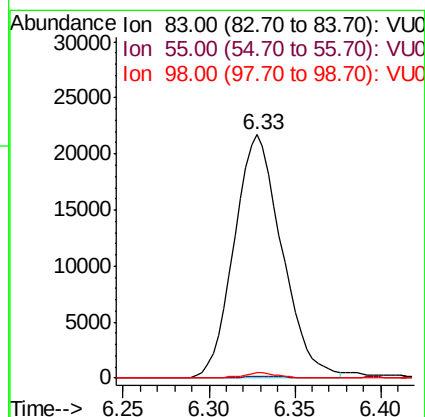
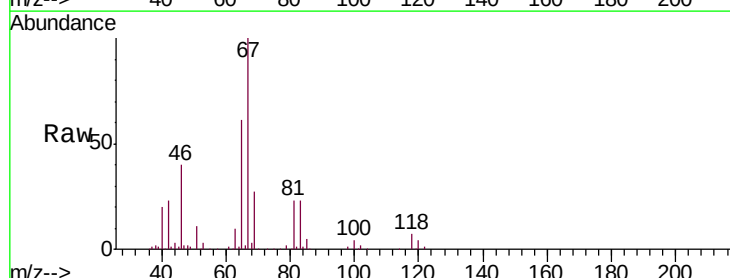
Tgt Ion: 83 Resp: 41884

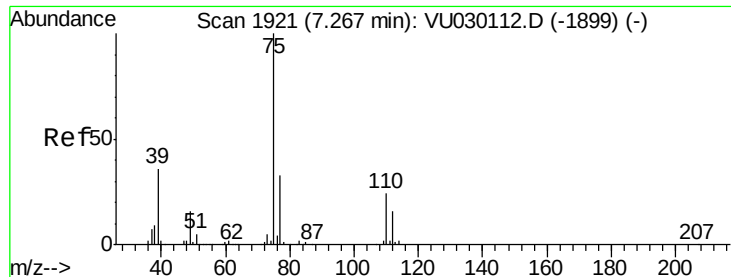
Ion Ratio Lower Upper

83 100

55 0.4 56.6 84.8#

98 1.5 37.8 56.6#





#39

cis-1,3-Dichloropropene

Concen: 0.731 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

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Instrument :

MSVOA_U

ClientSampleId :

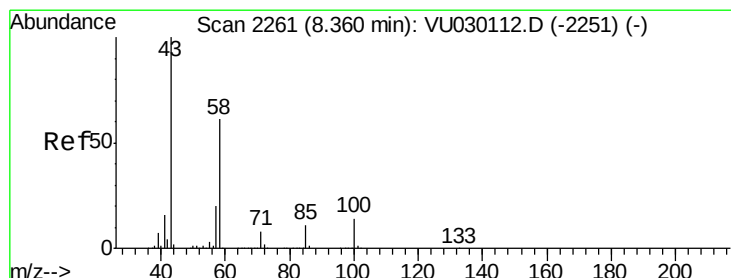
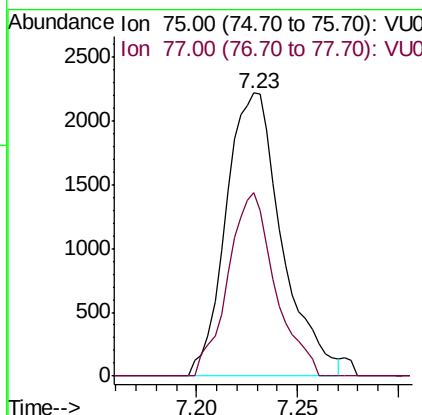
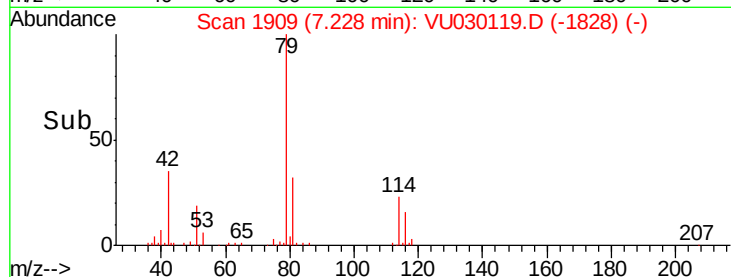
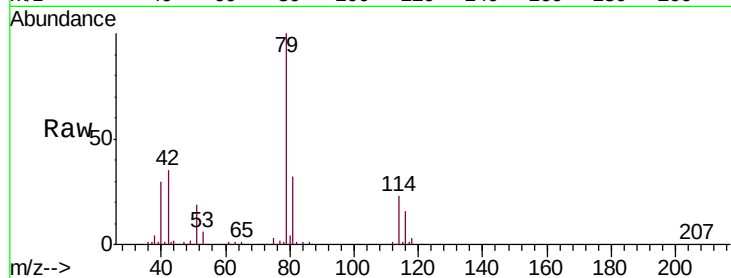
C09F8

Tgt Ion: 75 Resp: 4281

Ion Ratio Lower Upper

75 100

77 64.8 22.2 41.2#



#48

2-Hexanone

Concen: 1.123 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

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Acq: 15 Mar 2019 18:30

Tgt Ion: 43 Resp: 4864

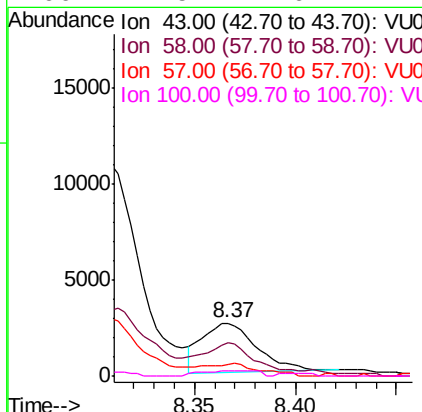
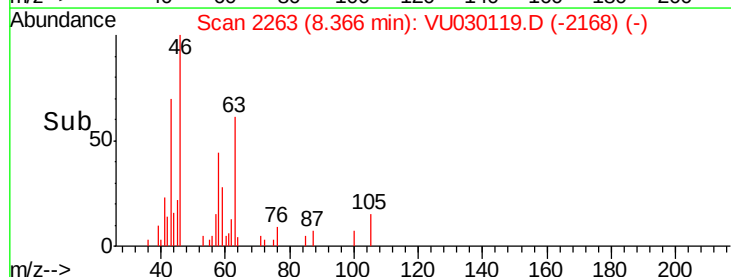
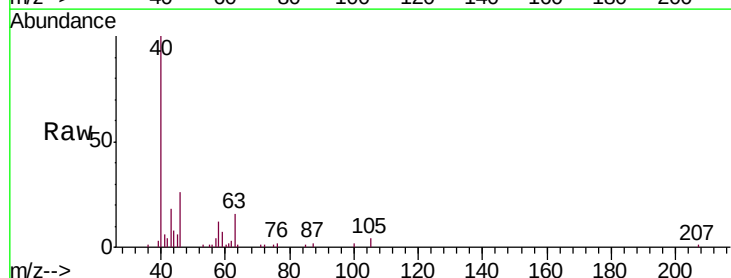
Ion Ratio Lower Upper

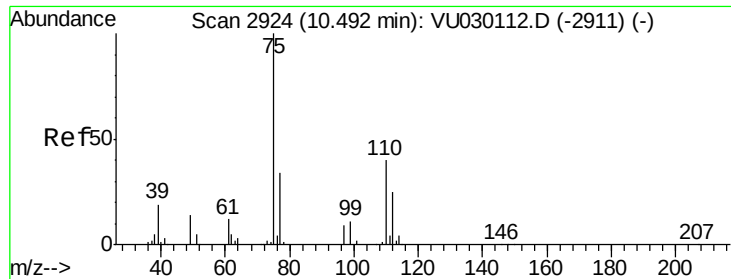
43 100

58 39.2 48.6 72.8#

57 16.0 16.1 24.1#

100 2.5 11.6 17.4#





#59

1,2,3-Trichloropropane

Concen: 4.935 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030119.D

Acq: 15 Mar 2019 18:30

Instrument :

MSVOA_U

ClientSampleId :

C09F8

Tgt Ion: 75 Resp: 24175

Ion Ratio Lower Upper

75 100

77 34.4 25.8 38.8

