

Data File : VU030121.D
Acq On : 15 Mar 2019 19:16
Operator : JC/SP
Sample : K1917-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09G0

Quant Time: Mar 16 00:56:36 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	512881	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	500973	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	229032	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	122563	36.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.26%
7) Chloroethane-d5	1.68	69	109802	40.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.27	63	178627	29.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.34%#
21) 2-Butanone-d5	4.18	46	254080	99.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.96%
24) Chloroform-d	4.65	84	271393	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.31	65	167183	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
32) Benzene-d6	5.34	84	571478	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
36) 1,2-Dichloropropane-d6	6.33	67	185403	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.96%
41) Toluene-d8	7.56	98	508854	42.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.28%
43) trans-1,3-Dichloropropene-	7.85	79	72475	37.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.82%
47) 2-Hexanone-d5	8.31	63	199612	90.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	282200	46.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	213345	48.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.18%

Target Compounds

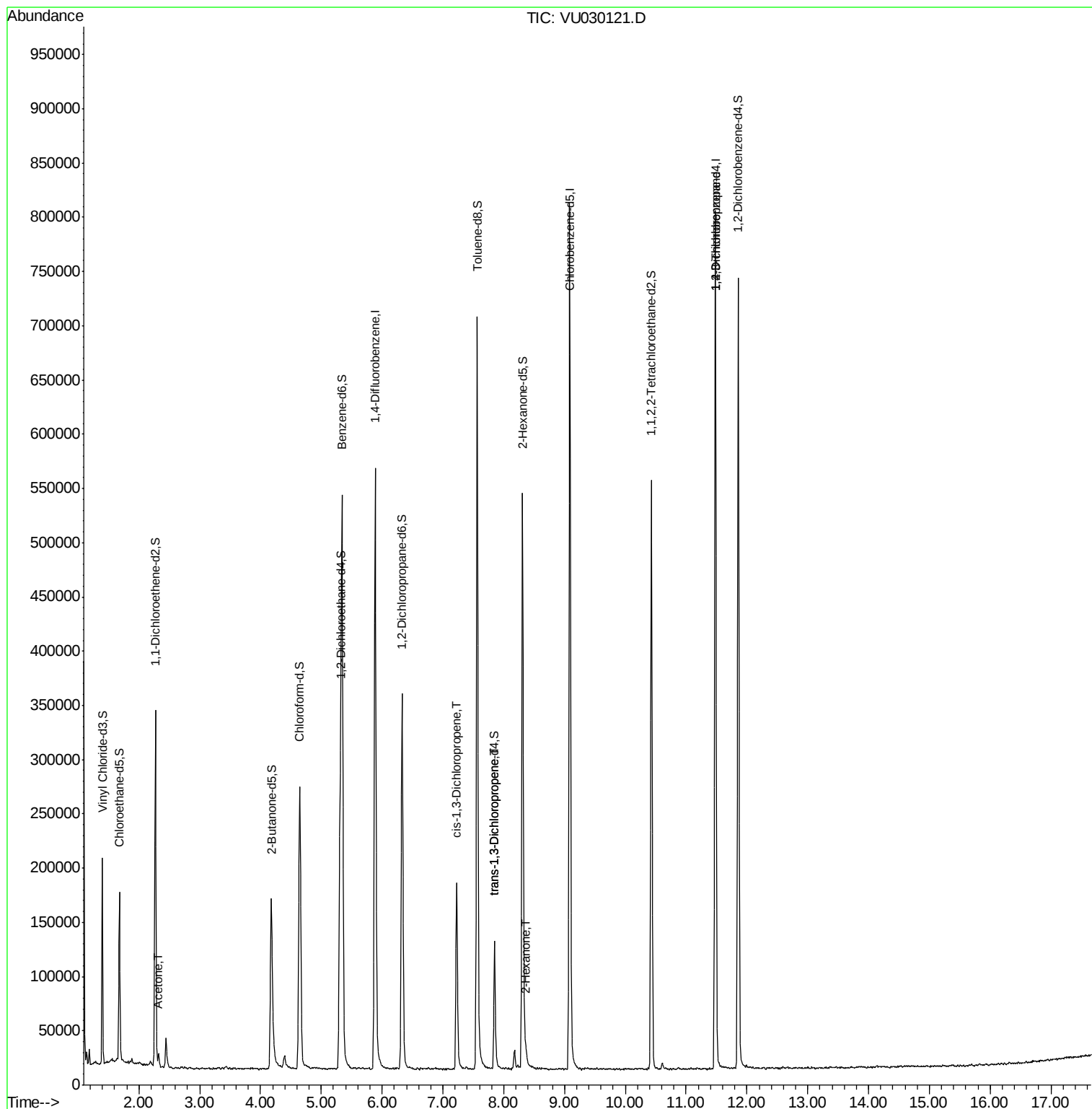
					Qvalue
13) Acetone	2.32	43	9401	3.163 ug/L	93
39) cis-1,3-Dichloropropene	7.23	75	4000	0.682 ug/L #	57
44) trans-1,3-Dichloropropene	7.85	75	2877	0.537 ug/L #	79
48) 2-Hexanone	8.36	43	5249	1.208 ug/L #	52
59) 1,2,3-Trichloropropane	11.48	75	22910	4.665 ug/L	93

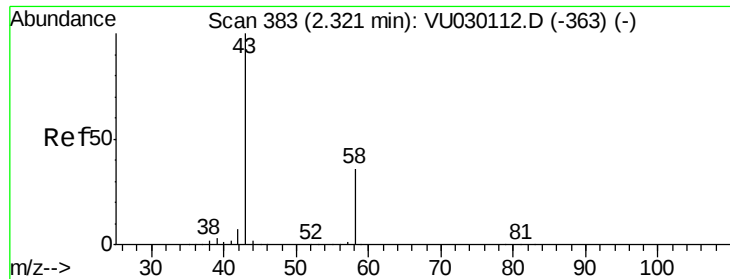
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.163 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030121.D

Acq: 15 Mar 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

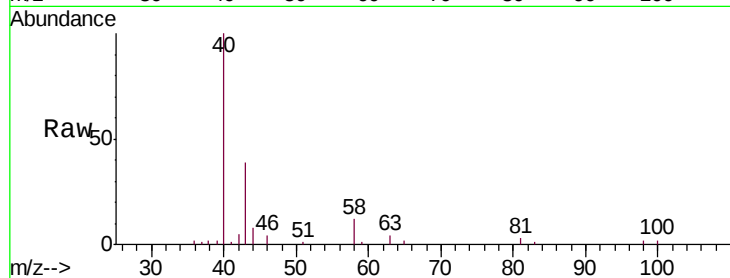
C09G0

Tgt Ion: 43 Resp: 9401

Ion Ratio Lower Upper

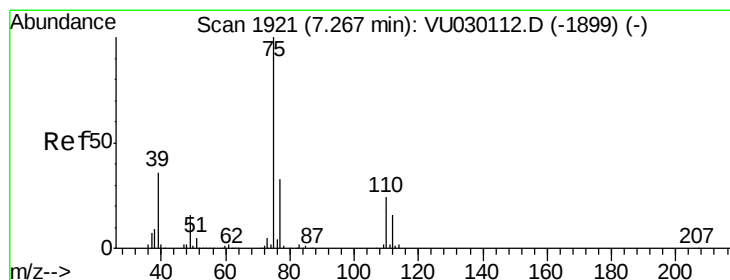
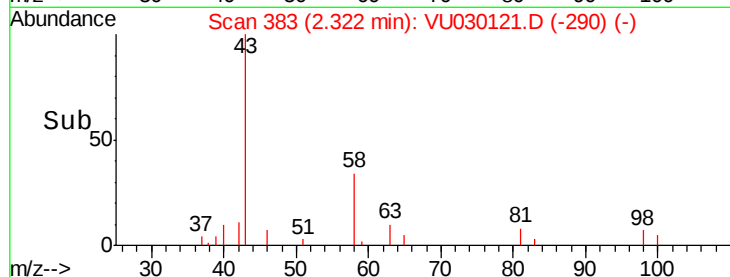
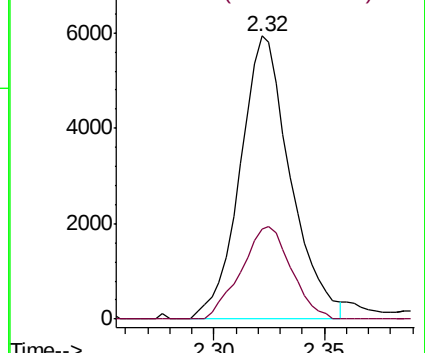
43 100

58 32.4 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU030112.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU030112.D (-363) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.682 ug/L

RT: 7.23 min Scan# 1910

Delta R.T. -0.04 min

Lab File: VU030121.D

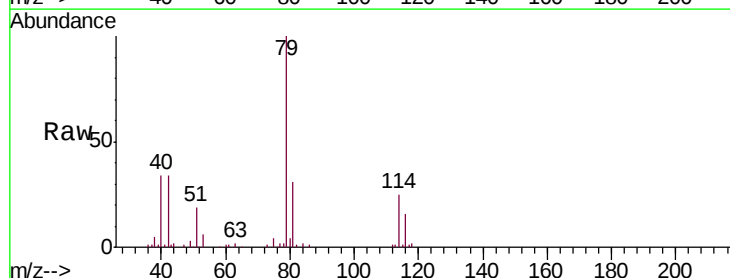
Acq: 15 Mar 2019 19:16

Tgt Ion: 75 Resp: 4000

Ion Ratio Lower Upper

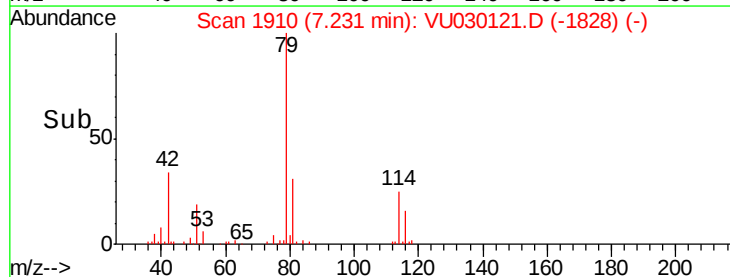
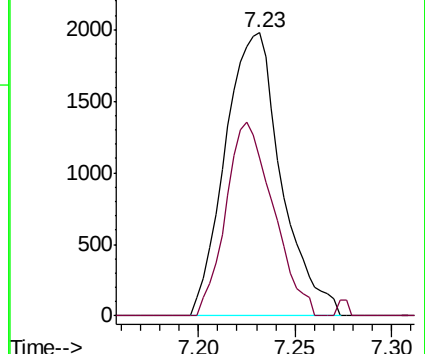
75 100

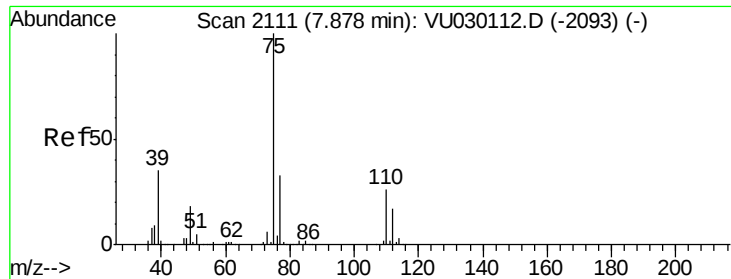
77 55.8 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU030112.D (-1899) (-)

Ion 77.00 (76.70 to 77.70): VU030112.D (-1899) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.537 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030121.D

Acq: 15 Mar 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

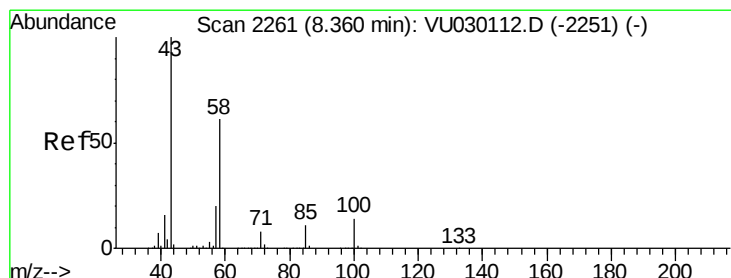
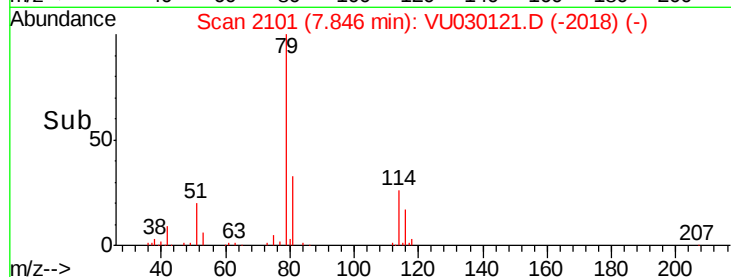
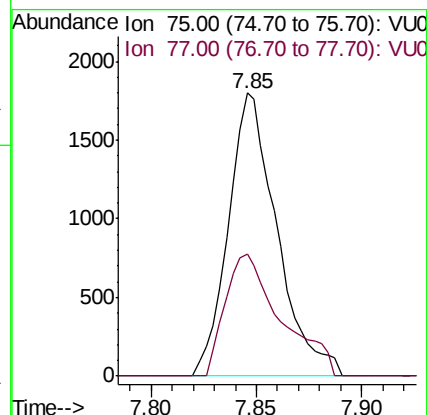
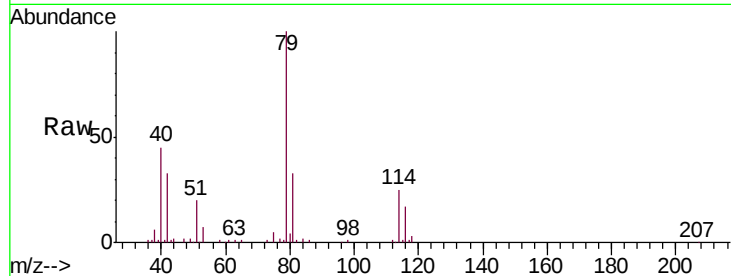
C09G0

Tgt Ion: 75 Resp: 2877

Ion Ratio Lower Upper

75 100

77 43.1 21.9 40.7#



#48

2-Hexanone

Concen: 1.208 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU030121.D

Acq: 15 Mar 2019 19:16

Tgt Ion: 43 Resp: 5249

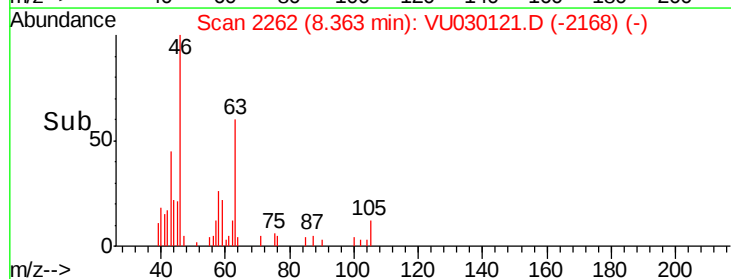
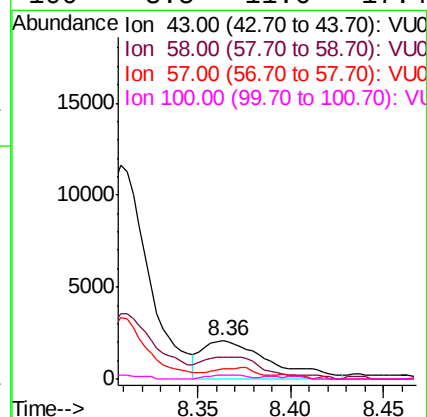
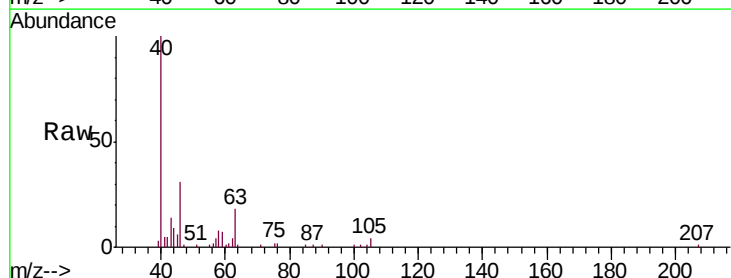
Ion Ratio Lower Upper

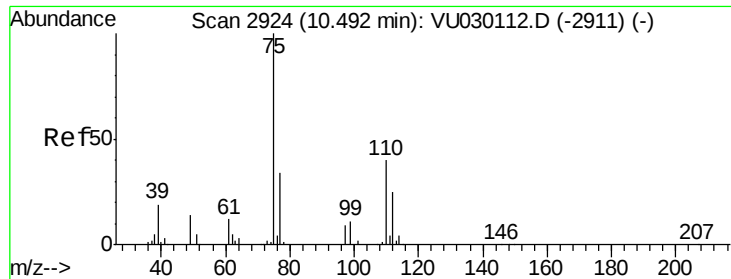
43 100

58 8.4 48.6 72.8#

57 19.9 16.1 24.1

100 3.5 11.6 17.4#





#59

1,2,3-Trichloropropane

Concen: 4.665 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030121.D

Acq: 15 Mar 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

C09G0

Tgt Ion: 75 Resp: 22910

Ion Ratio Lower Upper

75 100

77 36.3 25.8 38.8

