

Data File : VU027643.D
Acq On : 12 Oct 2018 23:09
Operator : MD/SY
Sample : J5405-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08Y3

Quant Time: Oct 13 04:11:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 04:07:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	176304	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	163723	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63118	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52957	38.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.34%
7) Chloroethane-d5	1.68	69	45221	42.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.62%
11) 1,1-Dichloroethene-d2	2.28	63	75642	29.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.12%#
21) 2-Butanone-d5	4.18	46	108297	96.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.69%
24) Chloroform-d	4.65	84	101633	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.31	65	69131	44.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.90%
32) Benzene-d6	5.34	84	196721	41.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.84%
36) 1,2-Dichloropropane-d6	6.33	67	72801	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.60%
41) Toluene-d8	7.57	98	158677	37.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.66%#
43) trans-1,3-Dichloropropene-	7.85	79	28495	36.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.58%
47) 2-Hexanone-d5	8.31	63	70121	86.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	94283	44.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	56011	45.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.72%

Target Compounds

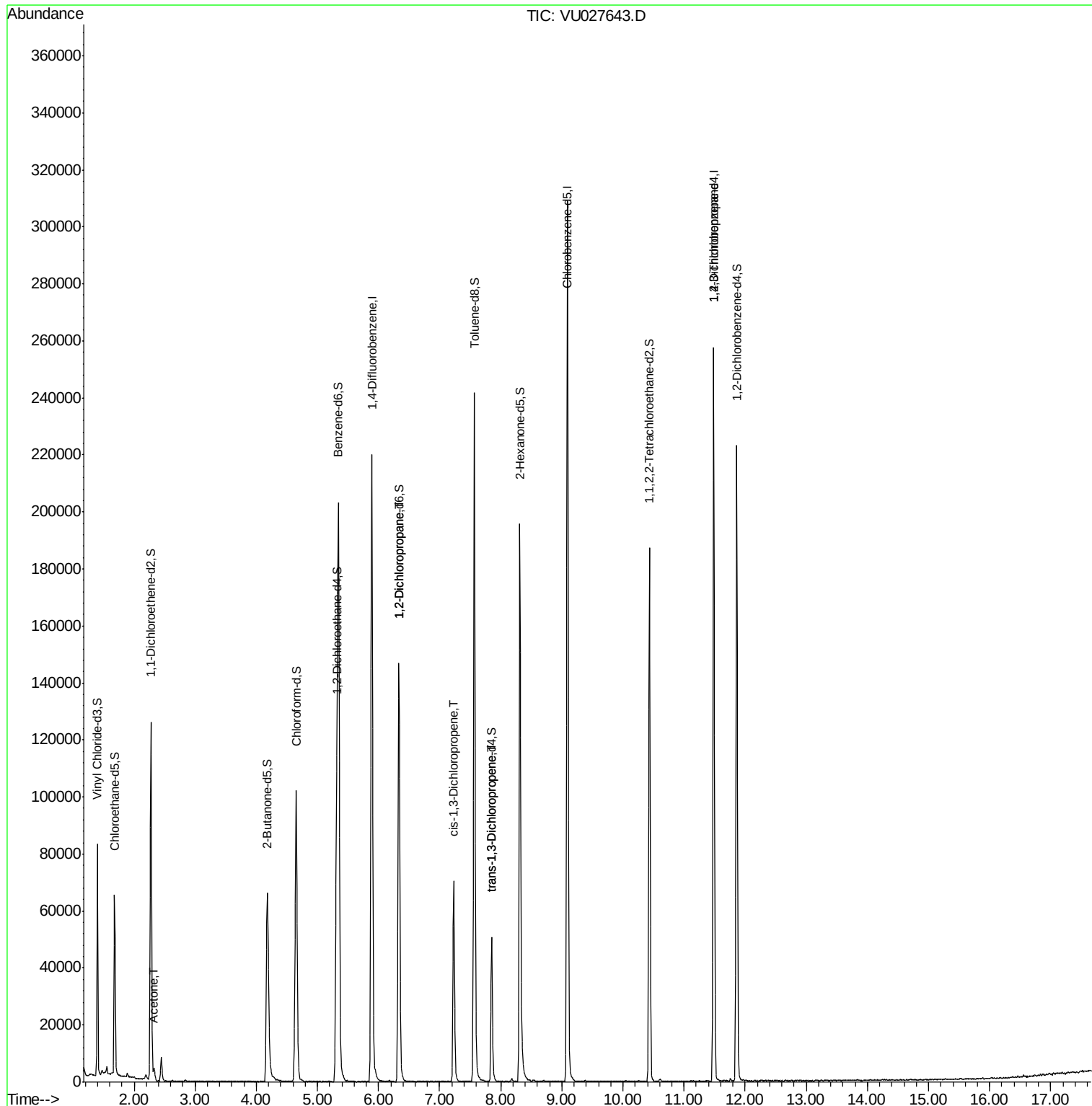
					Qvalue
13) Acetone	2.32	43	3515	3.826 ug/L	95
37) 1,2-Dichloropropane	6.33	63	7787	4.996 ug/L #	89
39) cis-1,3-Dichloropropene	7.22	75	1573	0.687 ug/L #	53
44) trans-1,3-Dichloropropene	7.85	75	1158	0.545 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	8837	5.008 ug/L	93

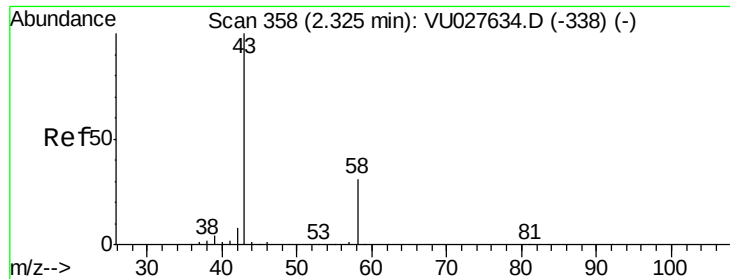
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.826 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

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Acq: 12 Oct 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

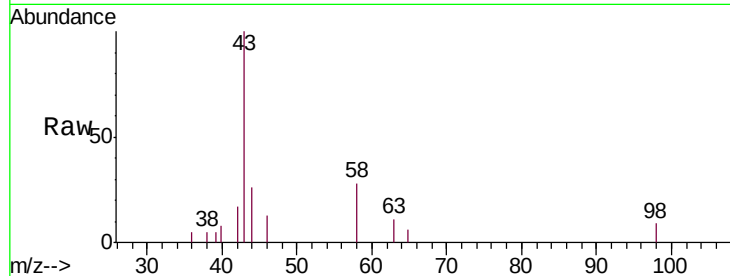
C08Y3

Tgt Ion: 43 Resp: 3515

Ion Ratio Lower Upper

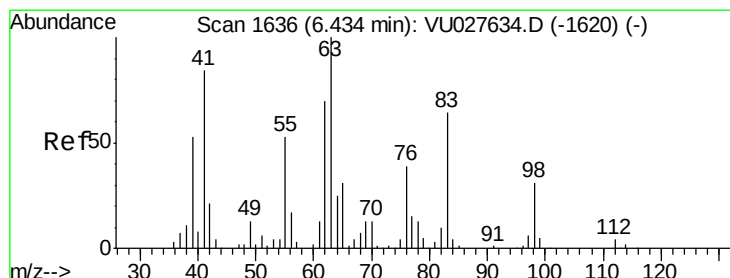
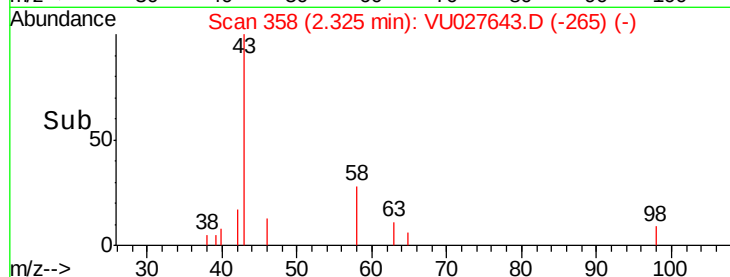
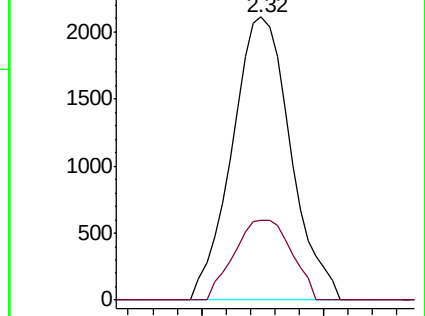
43 100

58 27.9 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 4.996 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU027643.D

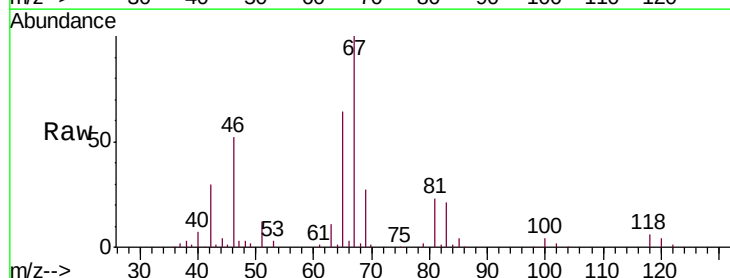
Acq: 12 Oct 2018 23:09

Tgt Ion: 63 Resp: 7787

Ion Ratio Lower Upper

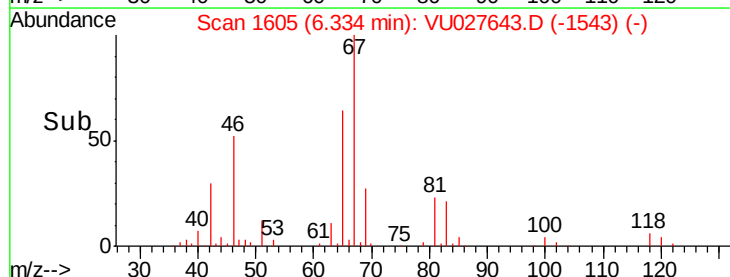
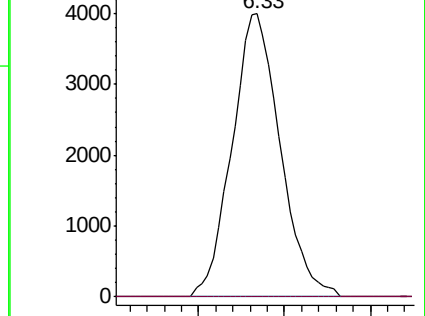
63 100

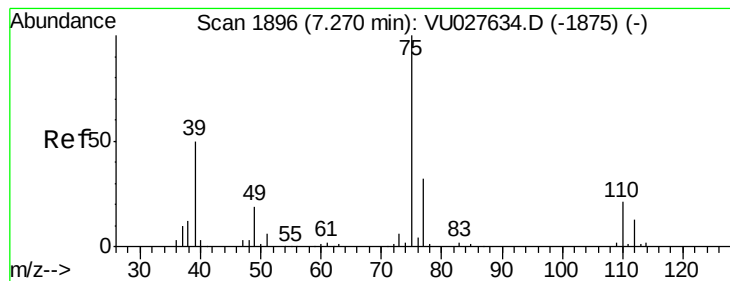
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



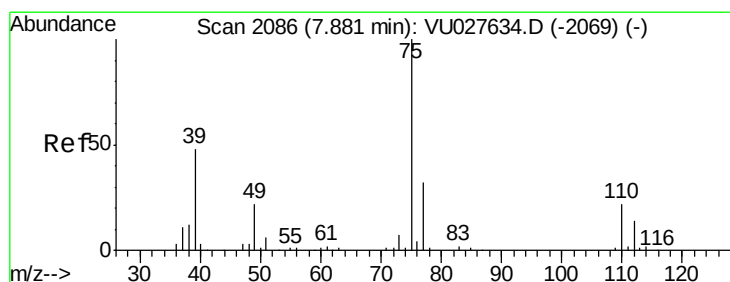
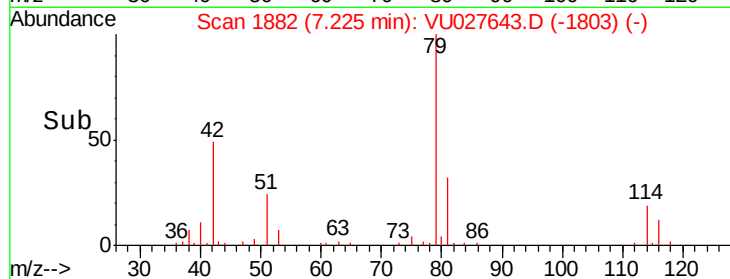
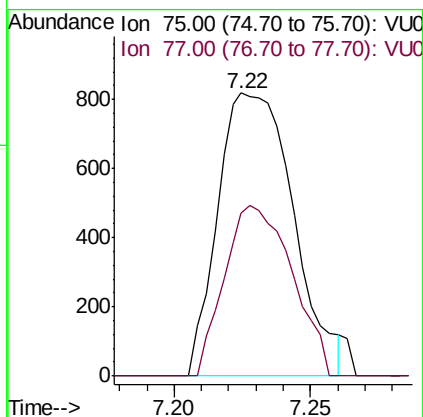
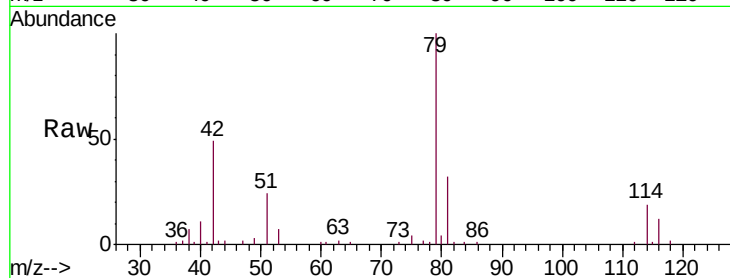


#39

cis-1,3-Dichloropropene
 Concen: 0.687 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU027643.D
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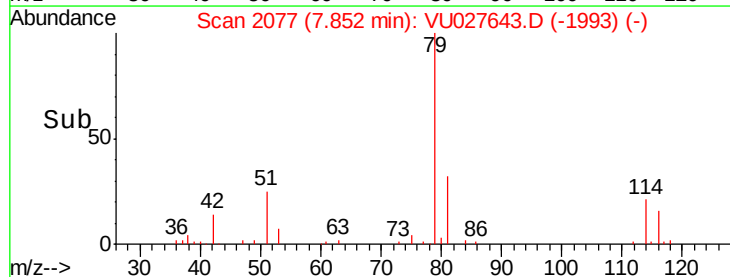
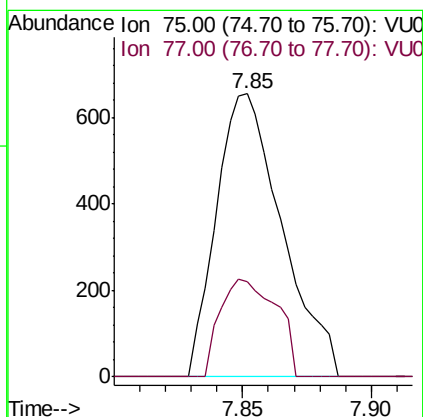
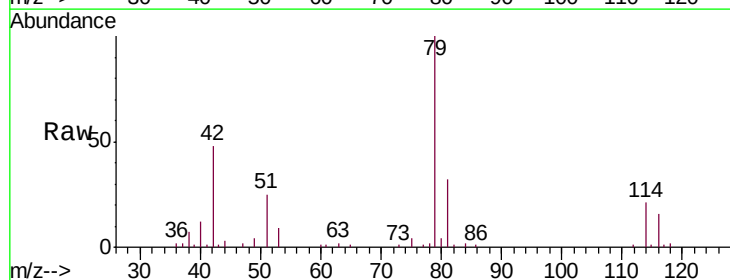
Tgt Ion: 75 Resp: 1573
 Ion Ratio Lower Upper
 75 100
 77 57.7 22.1 41.1#

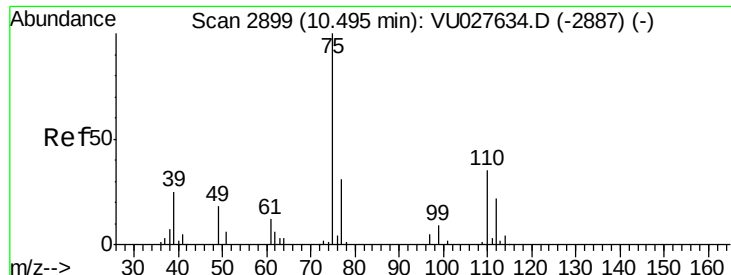


#44

trans-1,3-Dichloropropene
 Concen: 0.545 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU027643.D
 Acq: 12 Oct 2018 23:09

Tgt Ion: 75 Resp: 1158
 Ion Ratio Lower Upper
 75 100
 77 33.6 22.2 41.2





#59

1,2,3-Trichloropropane

Concen: 5.008 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027643.D

Acq: 12 Oct 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

C08Y3

Tgt Ion: 75 Resp: 8837

Ion Ratio Lower Upper

75 100

77 36.1 25.7 38.5

