

Data File : VU034599.D
Acq On : 17 Sep 2019 05:28
Operator : JC/SP
Sample : K4894-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMQ2

Quant Time: Sep 17 06:43:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 05:01:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	245635	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	231659	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	92552	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	54584	46.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.12%
7) Chloroethane-d5	1.67	69	49606	54.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.86%
11) 1,1-Dichloroethene-d2	2.26	63	90910	37.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.98%
21) 2-Butanone-d5	4.15	46	150764	112.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.82%
24) Chloroform-d	4.62	84	141629	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.28%
26) 1,2-Dichloroethane-d4	5.29	65	90212	54.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.90%
32) Benzene-d6	5.32	84	268617	52.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.46%
36) 1,2-Dichloropropane-d6	6.31	67	99378	52.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.82%
41) Toluene-d8	7.54	98	253249	51.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.42%
43) trans-1,3-Dichloropropene-	7.83	79	43617	48.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.44%
47) 2-Hexanone-d5	8.29	63	105300	102.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.37%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	152753	51.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.12%
64) 1,2-Dichlorobenzene-d4	11.84	152	88144	53.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.78%

Target Compounds

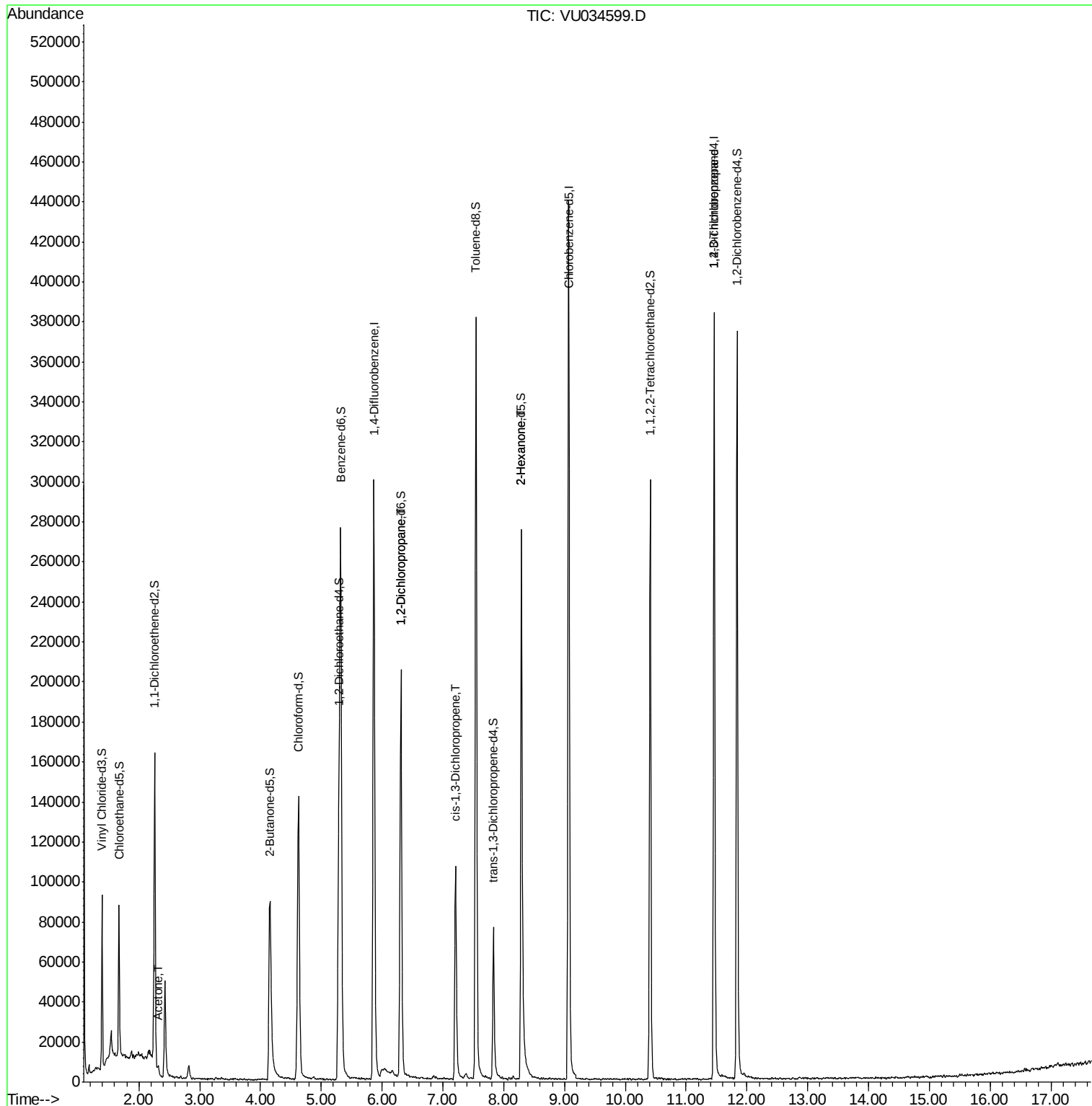
					Qvalue
13) Acetone	2.31	43	2215	1.844 ug/L	95
37) 1,2-Dichloropropane	6.31	63	11072	6.208 ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	2793	1.042 ug/L #	50
48) 2-Hexanone	8.29	43	12578	5.397 ug/L #	53
59) 1,2,3-Trichloropropane	11.46	75	15397	6.320 ug/L	95

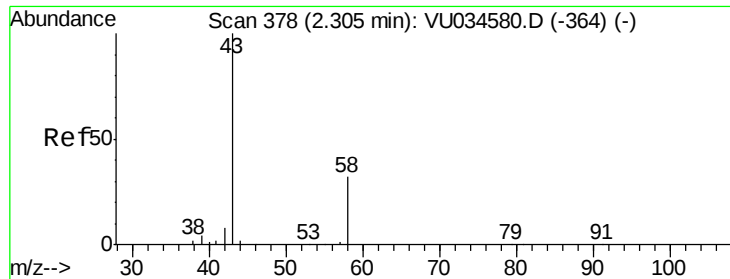
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.844 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034599.D

Acq: 17 Sep 2019 05:28

Instrument :

MSVOA_U

ClientSampleId :

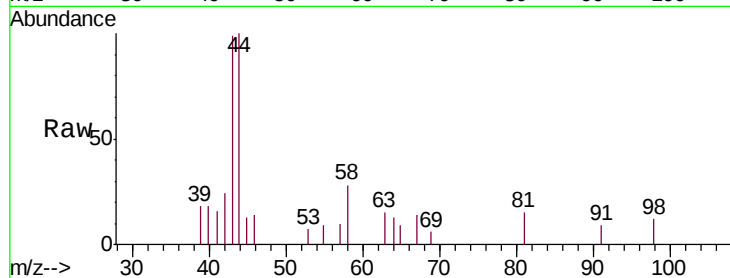
COMQ2

Tgt Ion: 43 Resp: 2215

Ion Ratio Lower Upper

43 100

58 35.5 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU034580.D (-364) (-)

Ion 58.00 (57.70 to 58.70): VU034580.D (-364) (-)

2.31

1500

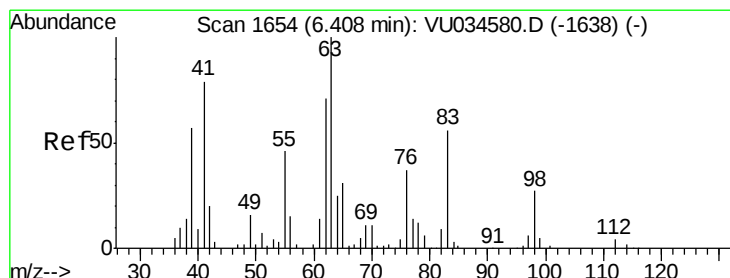
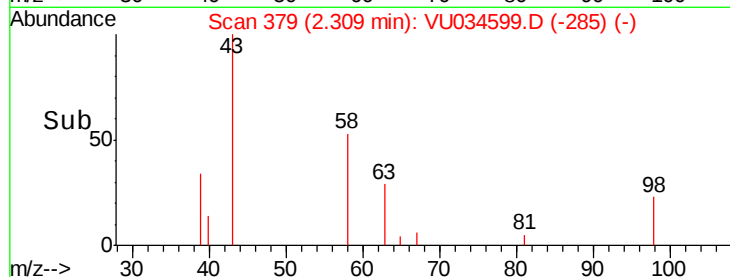
1000

500

0

2.25 2.30 2.35

Time-->



#37

1,2-Dichloropropane

Concen: 6.208 ug/L

RT: 6.31 min Scan# 1622

Delta R.T. -0.10 min

Lab File: VU034599.D

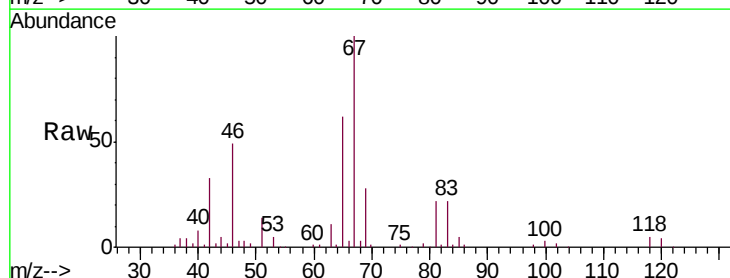
Acq: 17 Sep 2019 05:28

Tgt Ion: 63 Resp: 11072

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU034580.D (-1638) (-)

Ion 112.00 (111.70 to 112.70): VU034580.D (-1638) (-)

6.31

6000

5000

4000

3000

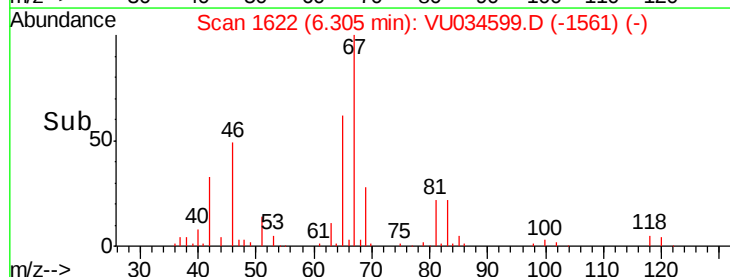
2000

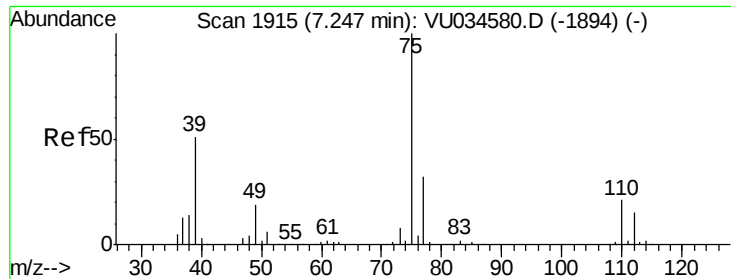
1000

0

6.25 6.30 6.35

Time-->

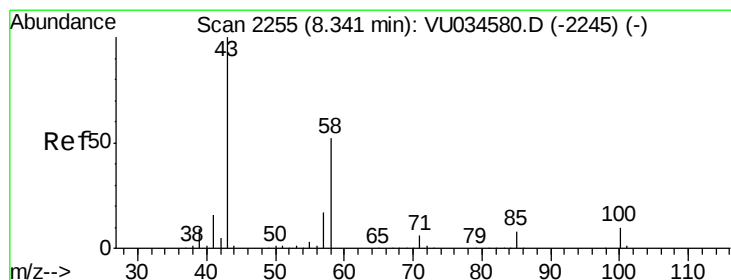
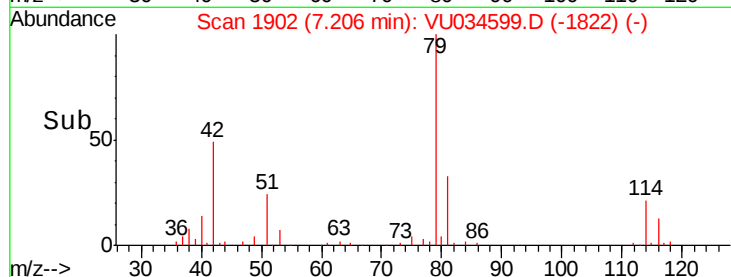
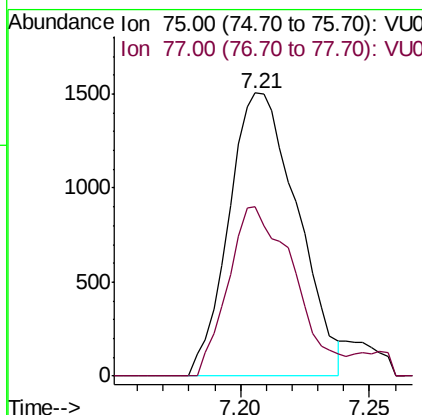
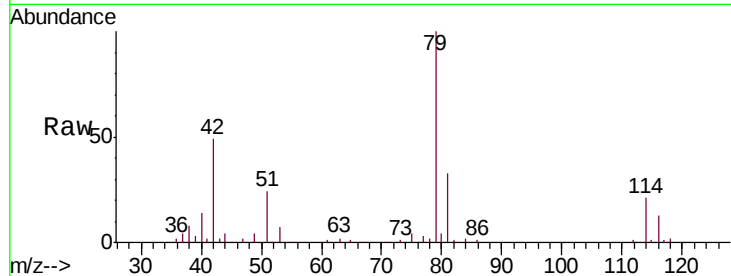




#39
 cis-1,3-Dichloropropene
 Concen: 1.042 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: VU034599.D
 Acq: 17 Sep 2019 05:28

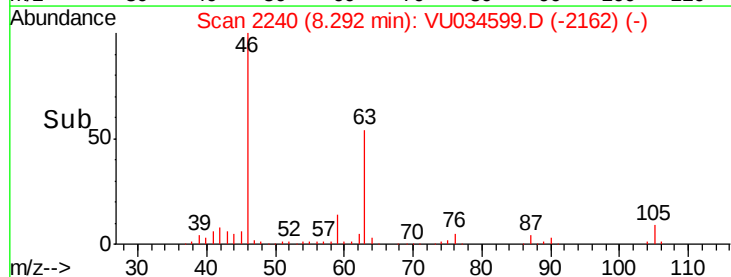
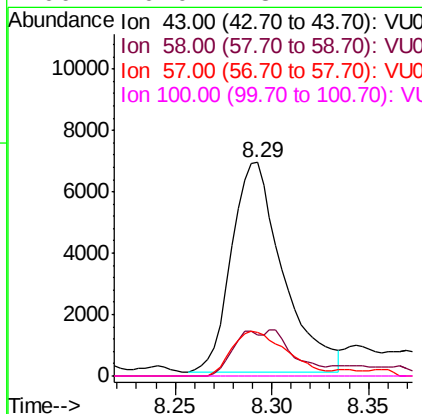
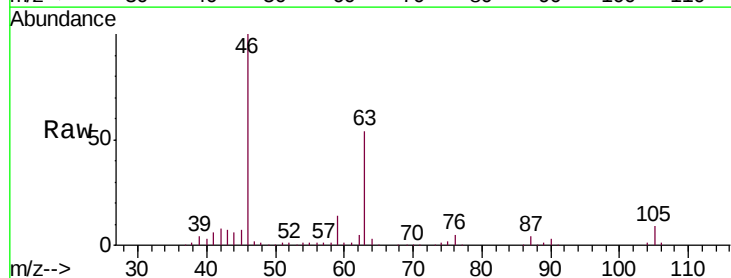
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 MSVOA_U
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 COMQ2

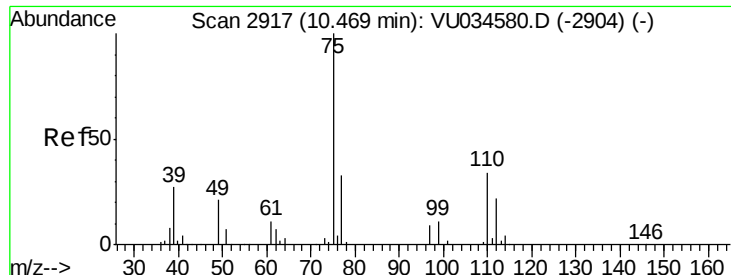
Tgt Ion: 75 Resp: 2793
 Ion Ratio Lower Upper
 75 100
 77 59.9 22.3 41.3#



#48
 2-Hexanone
 Concen: 5.397 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU034599.D
 Acq: 17 Sep 2019 05:28

Tgt Ion: 43 Resp: 12578
 Ion Ratio Lower Upper
 43 100
 58 10.9 43.3 64.9#
 57 23.1 13.1 19.7#
 100 0.0 8.2 12.4#





#59

1,2,3-Trichloropropane

Concen: 6.320 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034599.D

Acq: 17 Sep 2019 05:28

Instrument :

MSVOA_U

ClientSampleId :

COMQ2

Tgt Ion: 75 Resp: 15397

Ion Ratio Lower Upper

75 100

77 35.4 26.1 39.1

