

Data File : VU034568.D
Acq On : 16 Sep 2019 16:35
Operator : JC/SP
Sample : K4838-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMC3

Quant Time: Sep 17 02:58:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 02:36:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	313252	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	291654	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	120372	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	77941	51.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.14%
7) Chloroethane-d5	1.67	69	63558	54.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.36%
11) 1,1-Dichloroethene-d2	2.20	63	243	0.08	ug/L	-0.06
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.16%#
21) 2-Butanone-d5	4.15	46	199546	117.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.10%
24) Chloroform-d	4.62	84	181057	52.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.54%
26) 1,2-Dichloroethane-d4	5.29	65	110579	52.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.64%
32) Benzene-d6	5.32	84	345476	53.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.74%
36) 1,2-Dichloropropane-d6	6.31	67	131504	55.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.18%
41) Toluene-d8	7.54	98	327177	52.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.10%
43) trans-1,3-Dichloropropene-	7.83	79	61543	54.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.08%
47) 2-Hexanone-d5	8.29	63	139493	107.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.72%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	196145	52.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.16%
64) 1,2-Dichlorobenzene-d4	11.84	152	121923	56.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.56%

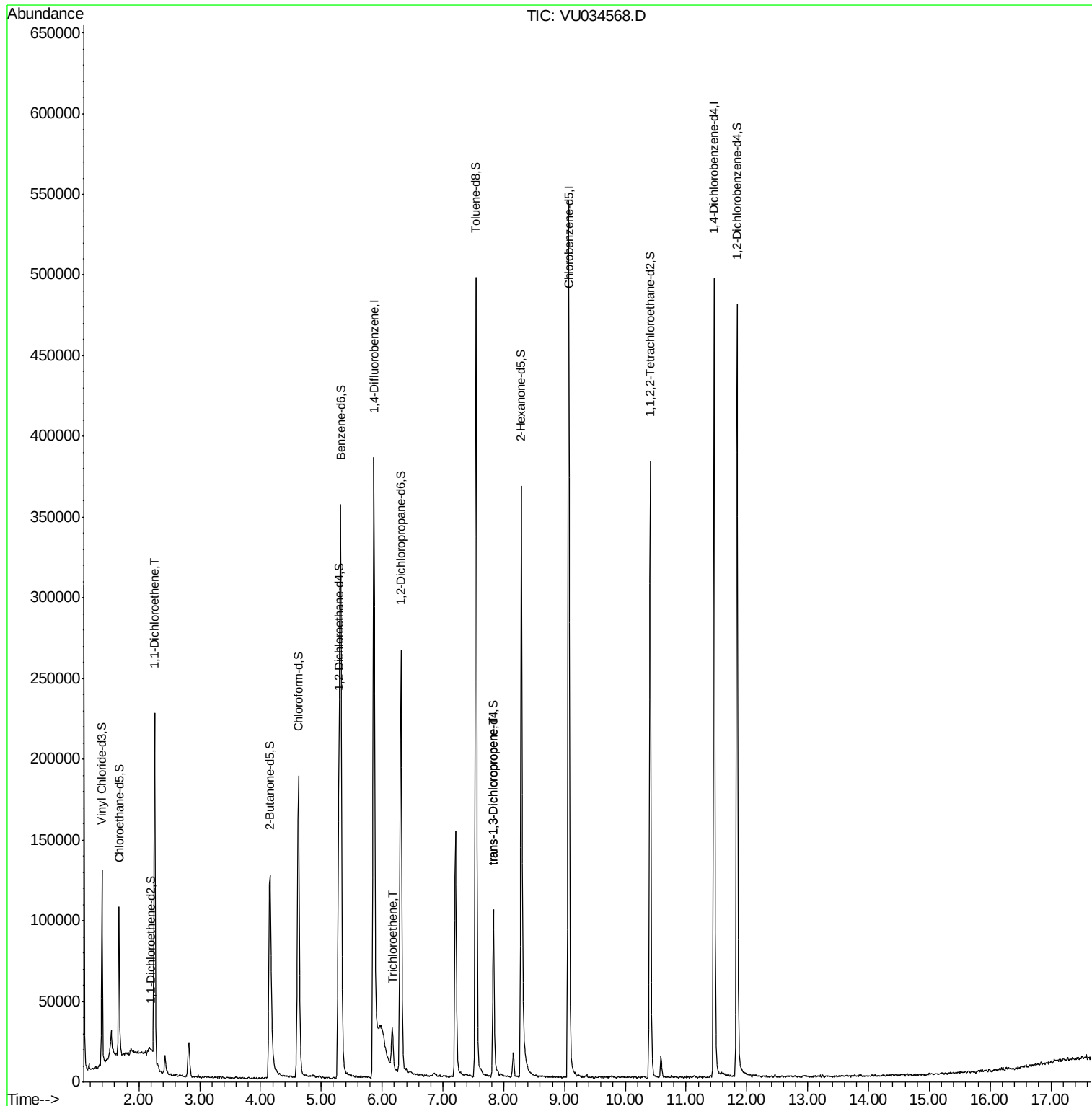
Target Compounds					Qvalue
12) 1,1-Dichloroethene	2.26	96	1673	1.124 ug/L #	1
34) Trichloroethene	6.17	95	9141	4.960 ug/L	90
44) trans-1,3-Dichloropropene	7.83	75	3096	1.001 ug/L #	79

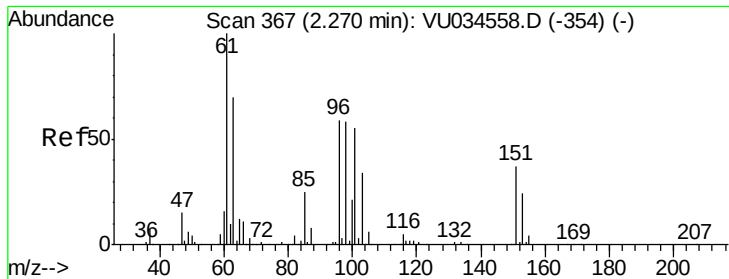
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.124 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampled :

COMC3

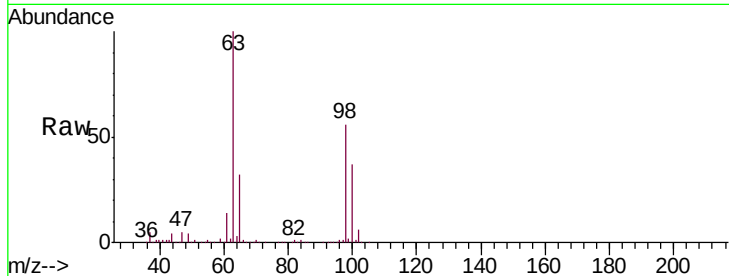
Tgt Ion: 96 Resp: 1673

Ion Ratio Lower Upper

96 100

61 975.2 117.8 218.8#

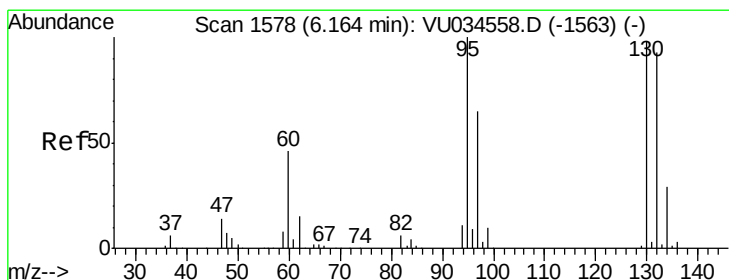
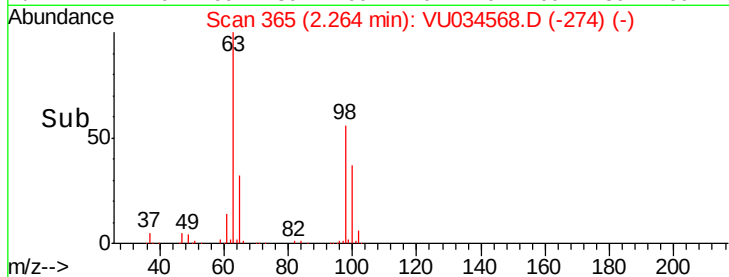
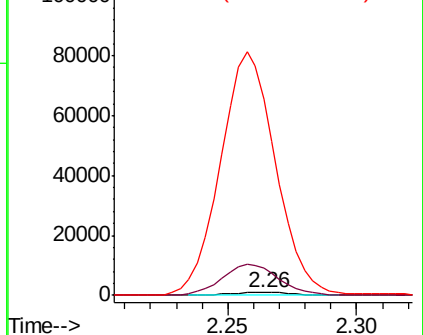
63 7155.5 83.8 155.6#



Abundance Ion 96.00 (95.70 to 96.70): VU034558.D (-354) (-)

Ion 61.00 (60.70 to 61.70): VU034558.D (-354) (-)

Ion 63.00 (62.70 to 63.70): VU034558.D (-354) (-)



#34

Trichloroethene

Concen: 4.960 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 9141

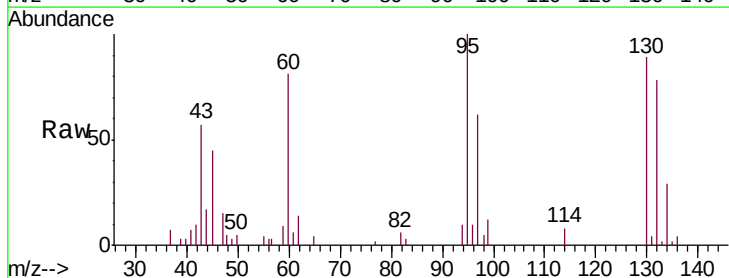
Ion Ratio Lower Upper

95 100

97 61.6 45.4 84.4

132 77.6 65.2 121.0

130 89.2 68.5 127.3

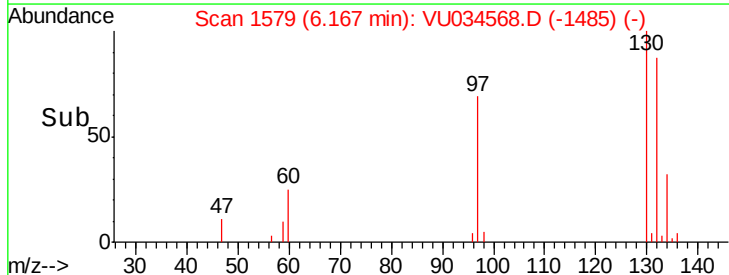
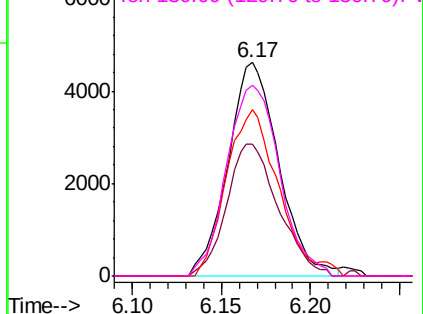


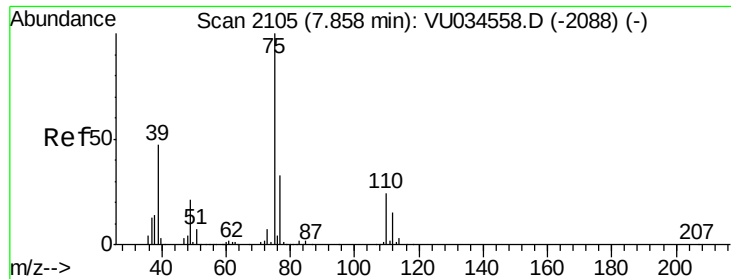
Abundance Ion 95.00 (94.70 to 95.70): VU034558.D (-1563) (-)

Ion 97.00 (96.70 to 97.70): VU034558.D (-1563) (-)

Ion 132.00 (131.70 to 132.70): VU034558.D (-1563) (-)

Ion 130.00 (129.70 to 130.70): VU034558.D (-1563) (-)





#44

trans-1,3-Dichloropropene

Concen: 1.001 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

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C0MC3

Tgt Ion: 75 Resp: 3096

Ion Ratio Lower Upper

75 100

77 44.3 22.9 42.5#

