

Data File : VU034564.D
Acq On : 16 Sep 2019 15:01
Operator : JC/SP
Sample : K4838-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMB9

Quant Time: Sep 17 02:57:33 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	341137	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	320119	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	129739	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	79761	48.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.92%
7) Chloroethane-d5	1.80	69	110	0.09	ug/L	0.13
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.18%#
11) 1,1-Dichloroethene-d2	2.09	63	124	0.04	ug/L	-0.17
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.08%#
21) 2-Butanone-d5	4.15	46	194570	104.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.84%
24) Chloroform-d	4.62	84	182658	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.76%
26) 1,2-Dichloroethane-d4	5.29	65	113606	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
32) Benzene-d6	5.32	84	350465	49.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.58%
36) 1,2-Dichloropropane-d6	6.31	67	133355	50.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.78%
41) Toluene-d8	7.54	98	334825	48.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.98%
43) trans-1,3-Dichloropropene-	7.83	79	62803	50.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.50%
47) 2-Hexanone-d5	8.29	63	144832	101.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.89%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	201447	49.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	120826	52.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.42%

Target Compounds

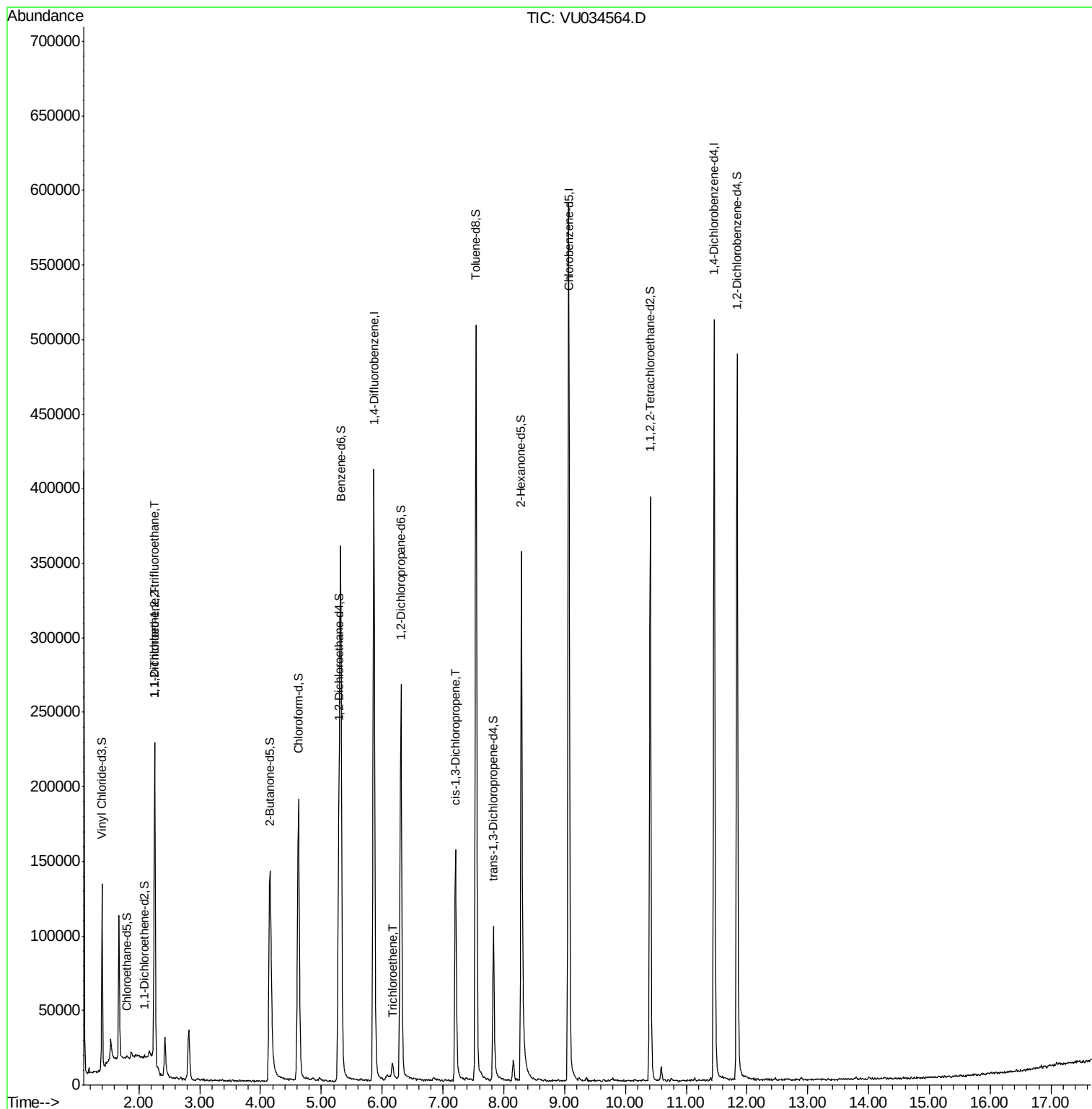
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1373	0.773 ug/L #	34
12) 1,1-Dichloroethene	2.26	96	1615	0.996 ug/L #	1
34) Trichloroethene	6.17	95	3739	1.848 ug/L	85
39) cis-1,3-Dichloropropene	7.21	75	4421	1.194 ug/L	87

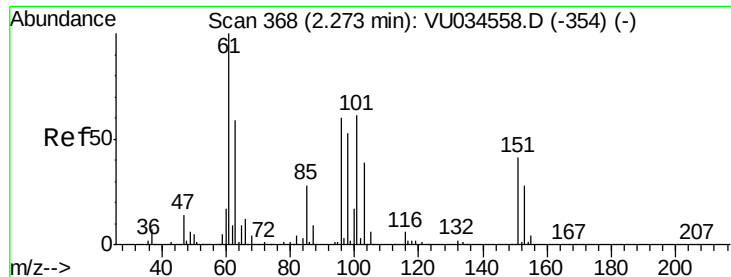
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.773 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

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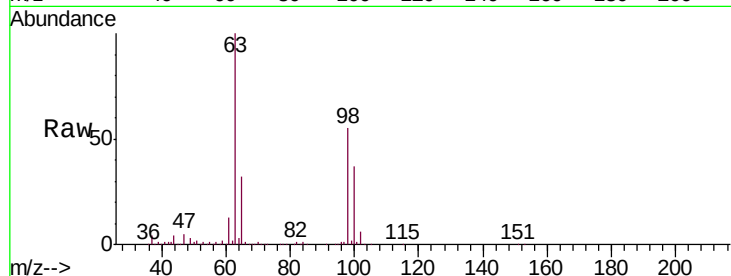
Tgt Ion: 101 Resp: 1373

Ion Ratio Lower Upper

101 100

85 13.0 37.0 55.6#

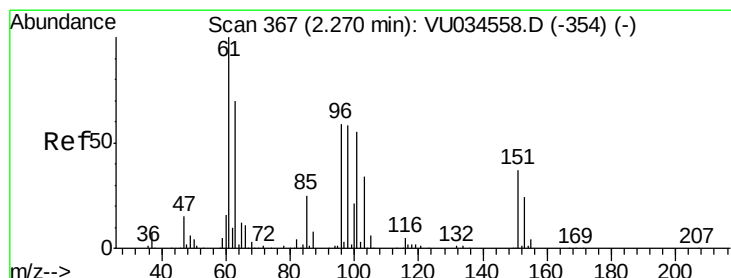
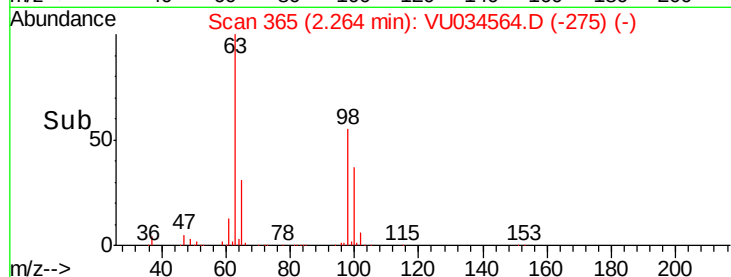
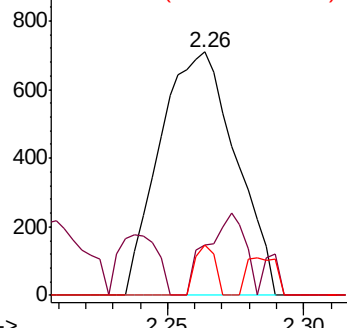
151 5.4 54.1 81.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.996 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU034564.D

Acq: 16 Sep 2019 15:01

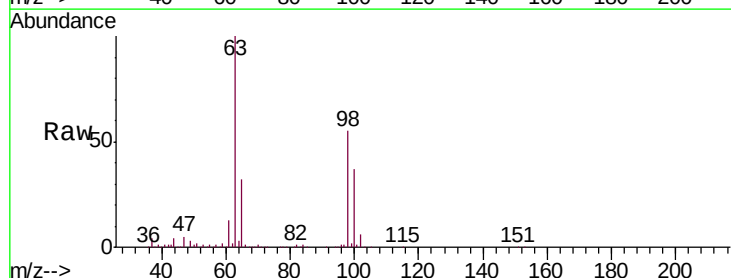
Tgt Ion: 96 Resp: 1615

Ion Ratio Lower Upper

96 100

61 1115.8 117.8 218.8#

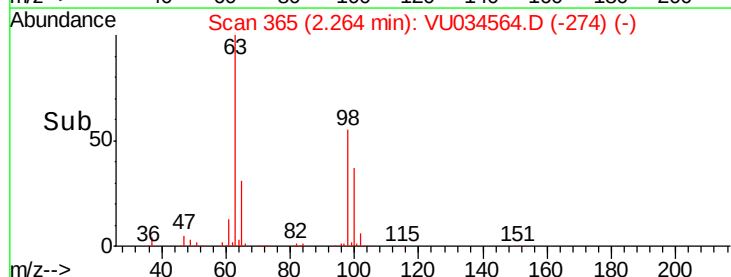
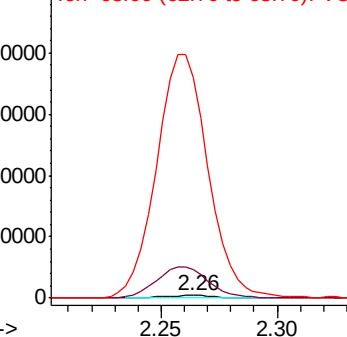
63 8671.5 83.8 155.6#

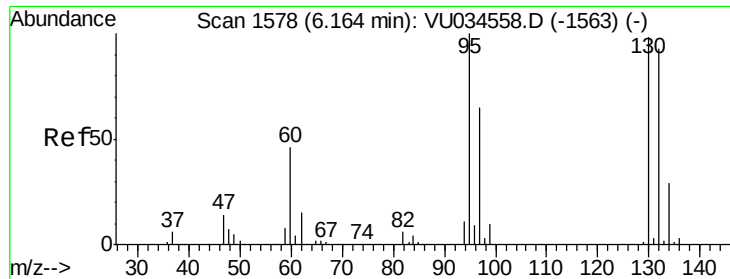


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#34

Trichloroethene

Concen: 1.848 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

COMB9

Tgt Ion: 95 Resp: 3739

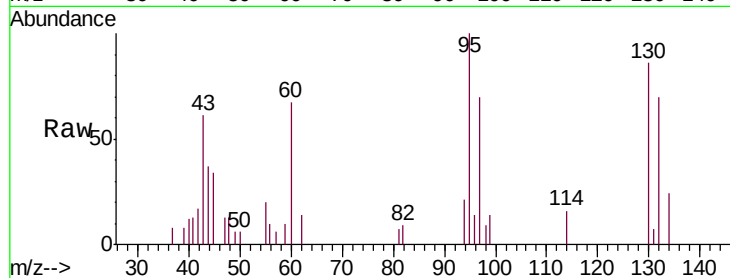
Ion Ratio Lower Upper

95 100

97 70.1 45.4 84.4

132 70.0 65.2 121.0

130 86.5 68.5 127.3



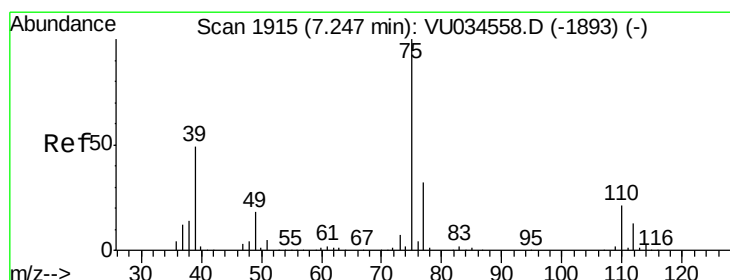
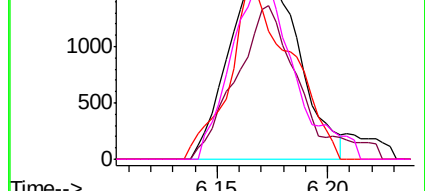
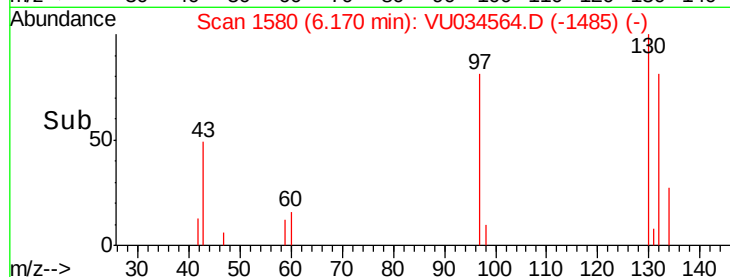
Abundance Ion 95.00 (94.70 to 95.70): VU034558.D (-1563) (-)

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) (-)

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.194 ug/L

RT: 7.21 min Scan# 1904

Delta R.T. -0.04 min

Lab File: VU034564.D

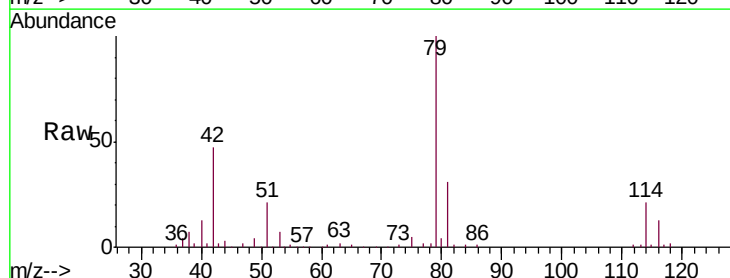
Acq: 16 Sep 2019 15:01

Tgt Ion: 75 Resp: 4421

Ion Ratio Lower Upper

75 100

77 39.2 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VU034558.D (-1893) (-)

Ion 77.00 (76.70 to 77.70): VU034558.D (-1893) (-)

Time-->

