

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080219\
 Data File : VU033564.D
 Acq On : 02 Aug 2019 13:00
 Operator : JC/SP
 Sample : K4103-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9F9

Quant Time: Aug 03 01:07:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 03 00:39:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	287741	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	283693	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	127363	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	127371	60.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	121.76%
7) Chloroethane-d5	1.67	69	108170	60.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.52%
11) 1,1-Dichloroethene-d2	2.26	63	169761	44.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.42%
21) 2-Butanone-d5	4.15	46	172642	124.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.59%
24) Chloroform-d	4.62	84	199990	57.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.06%
26) 1,2-Dichloroethane-d4	5.29	65	132253	59.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.10%
32) Benzene-d6	5.32	84	414567	58.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.90%
36) 1,2-Dichloropropane-d6	6.31	67	130721	59.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.58%
41) Toluene-d8	7.55	98	368005	55.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.68%
43) trans-1,3-Dichloropropene-	7.83	79	61702	56.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.84%
47) 2-Hexanone-d5	8.29	63	122531	117.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.07%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	194283	57.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.30%
64) 1,2-Dichlorobenzene-d4	11.85	152	137770	59.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.14%

Target Compounds

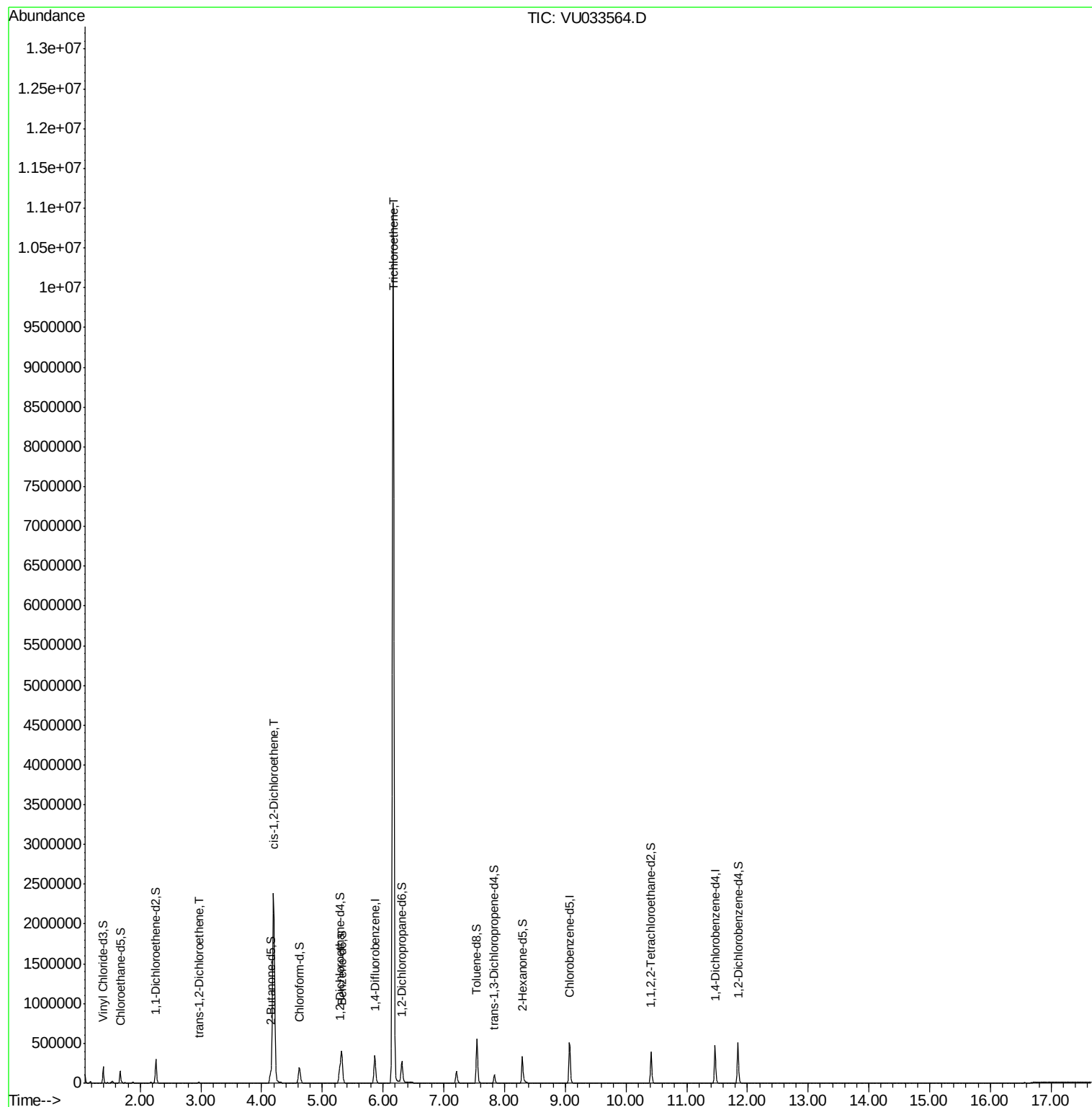
					Ovalue
17) trans-1,2-Dichloroethene	2.97	96	3305	1.693 ug/L	93
20) cis-1,2-Dichloroethene	4.20	96	1340514	611.759 ug/L	100
34) Trichloroethene	6.17	95	3719598	1722.960 ug/L	97

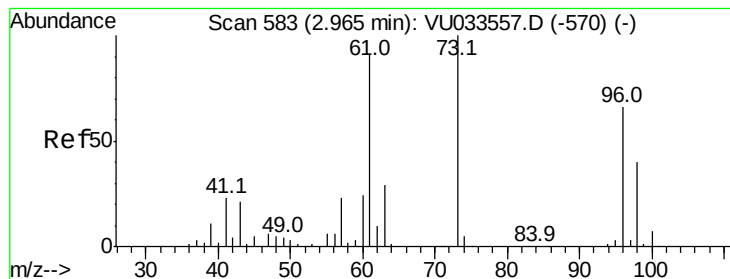
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 1.693 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

DB9F9

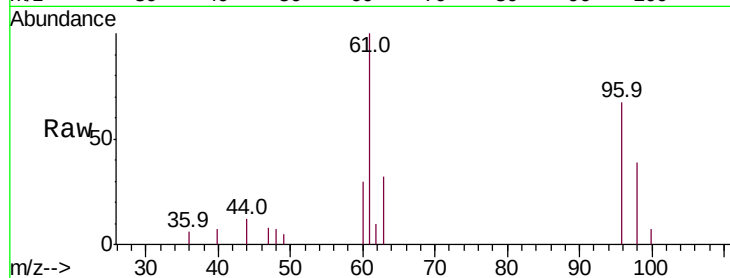
Tot Ion: 96 Resp: 3305

Ion Ratio Lower Upper

96 100

61 149.5 98.3 182.5

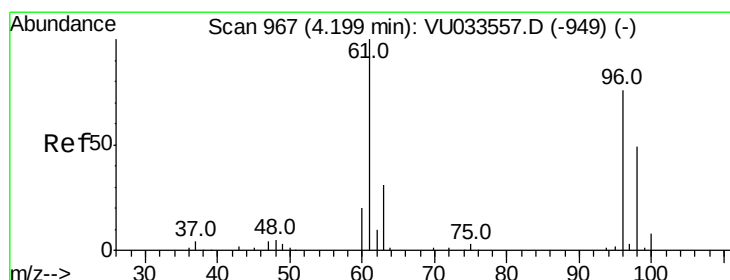
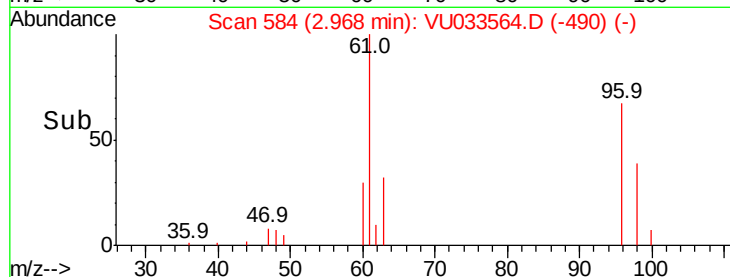
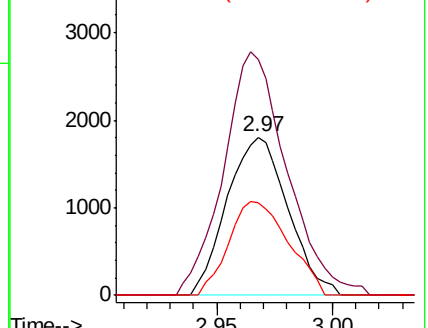
98 58.4 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 611.759 ug/L

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU033564.D

Acq: 02 Aug 2019 13:00

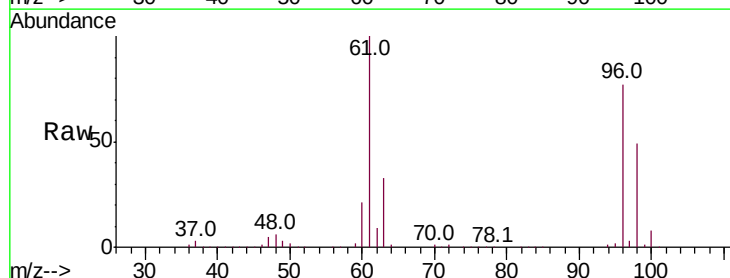
Tgt Ion: 96 Resp: 1340514

Ion Ratio Lower Upper

96 100

61 130.2 91.3 169.6

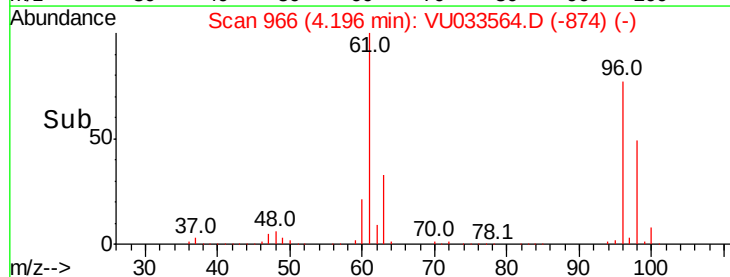
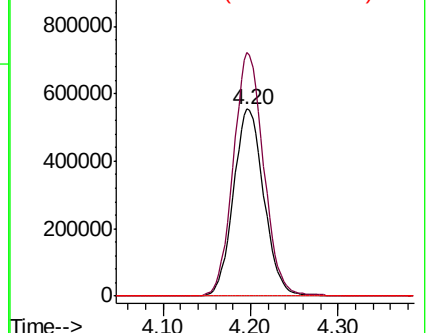
68 0.0 0.0 0.0

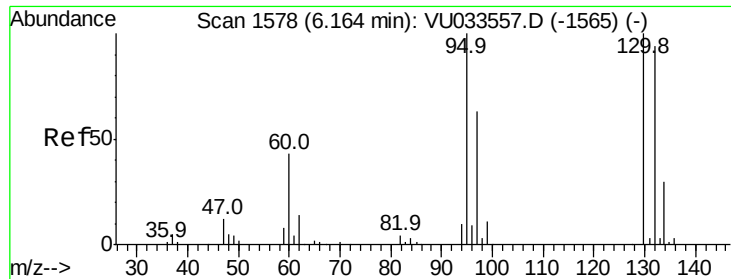


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 1722.960 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033564.D

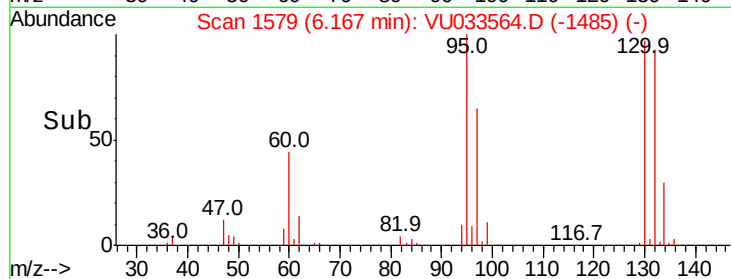
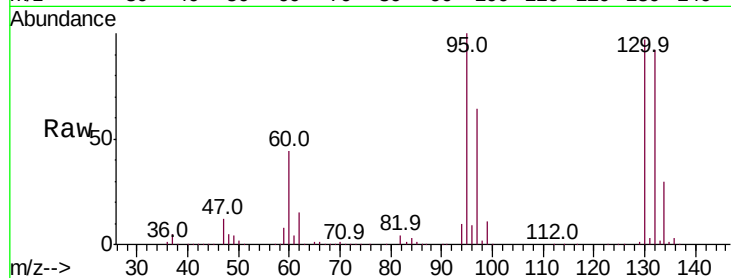
Acq: 02 Aug 2019 13:00

Instrument :
MSVOA_U
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DB9F9

Tot Ion: 95 Resp: 3719598

Ion Ratio Lower Upper

95	100		
97	64.5	44.7	83.1
132	92.5	66.8	124.0
130	96.6	71.6	133.0



Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

