

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040719\
 Data File : VU030831.D
 Acq On : 07 Apr 2019 03:24
 Operator : JC/SP
 Sample : K2260-09DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ58DL

Quant Time: Apr 08 08:50:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 07:03:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	458423	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	451052	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	182188	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	209701	51.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.48%
7) Chloroethane-d5	1.68	69	161961	52.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.30%
11) 1,1-Dichloroethene-d2	2.27	63	284376	38.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.84%
21) 2-Butanone-d5	4.17	46	348746	107.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.53%
24) Chloroform-d	4.64	84	313974	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
26) 1,2-Dichloroethane-d4	5.31	65	222763	52.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.44%
32) Benzene-d6	5.34	84	655180	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
36) 1,2-Dichloropropane-d6	6.32	67	229039	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.52%
41) Toluene-d8	7.56	98	545656	46.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.50%
43) trans-1,3-Dichloropropene-	7.85	79	93464	45.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.84%
47) 2-Hexanone-d5	8.31	63	200131	97.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	301710	49.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	183880	51.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.64%

Target Compounds

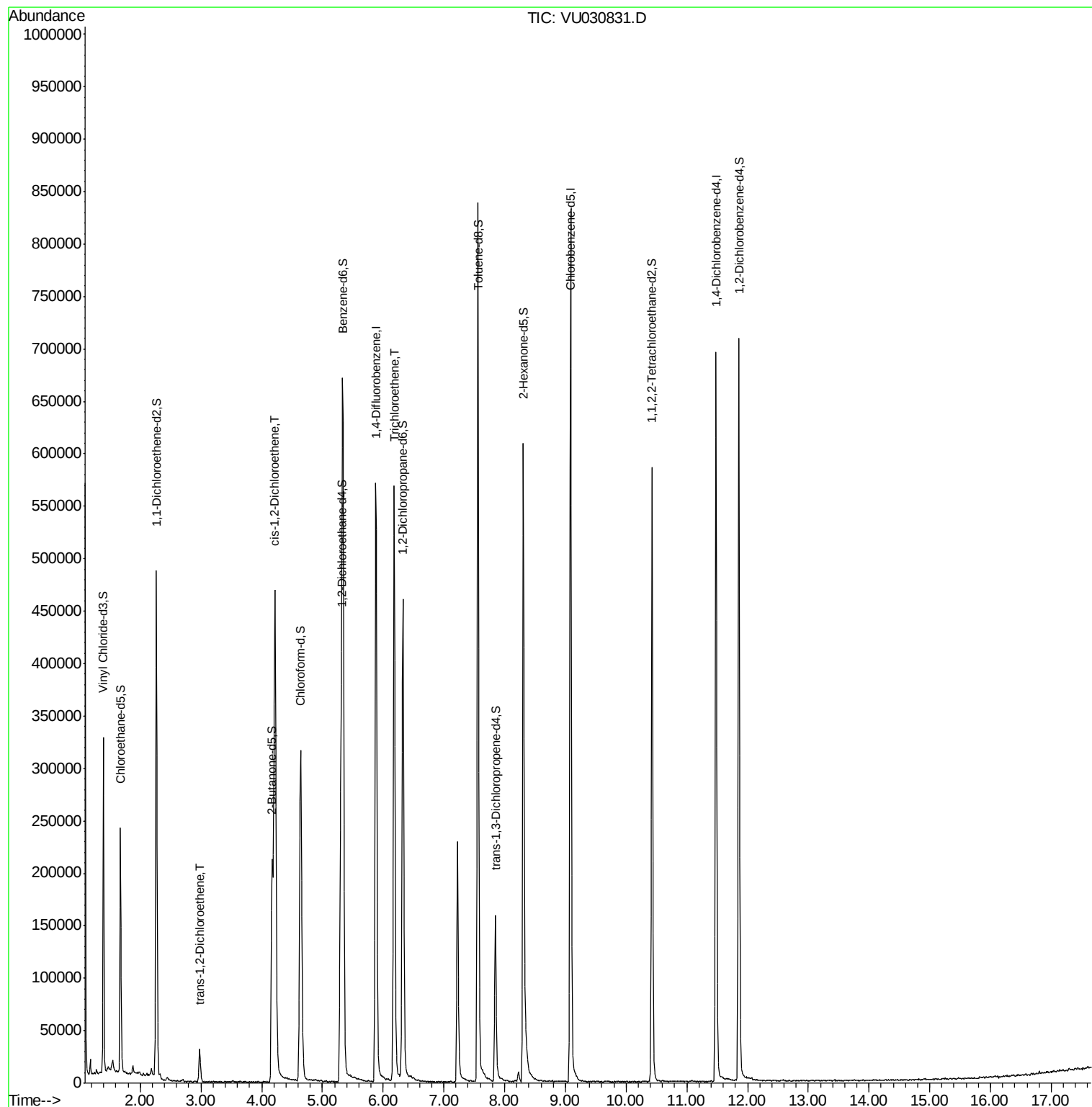
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
17) trans-1,2-Dichloroethene	2.98	96	11197	3.328	ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	250489	67.424	ug/L	96
34) Trichloroethene	6.18	95	208765	57.666	ug/L	97

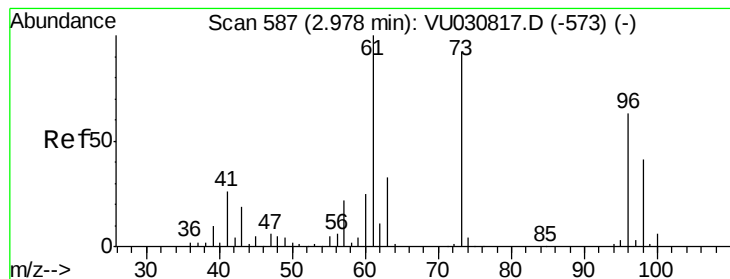
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 3.328 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU030831.D

Acq: 07 Apr 2019 03:24

Instrument :

MSVOA_U

ClientSampleId :

ETJ58DL

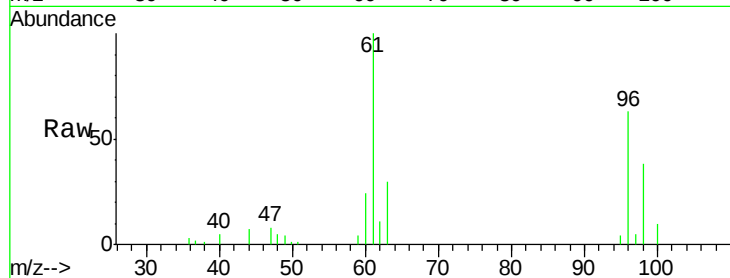
Tot Ion: 96 Resp: 11197

Ion Ratio Lower Upper

96 100

61 159.9 109.5 203.3

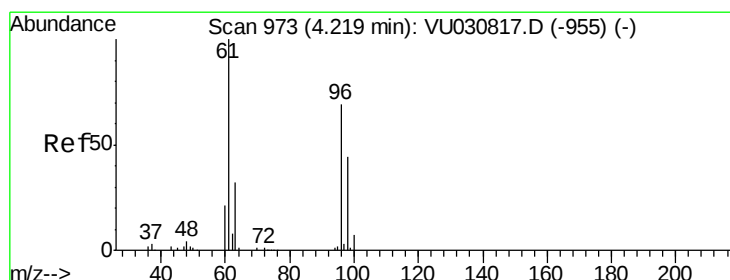
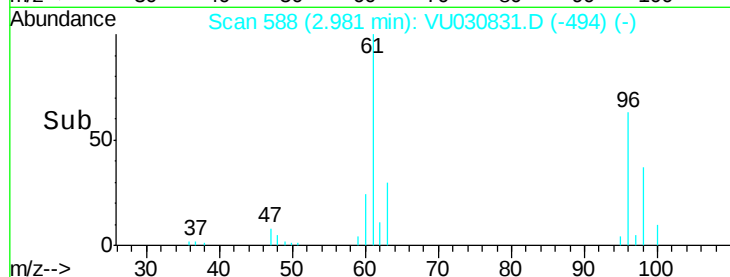
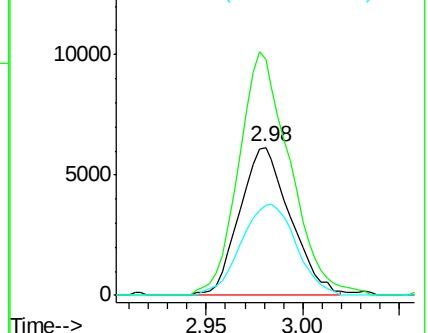
98 60.9 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU030831.D (-588) (-)

Ion 61.00 (60.70 to 61.70): VU030831.D (-588) (-)

Ion 98.00 (97.70 to 98.70): VU030831.D (-588) (-)



#20

cis-1,2-Dichloroethene

Concen: 67.424 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU030831.D

Acq: 07 Apr 2019 03:24

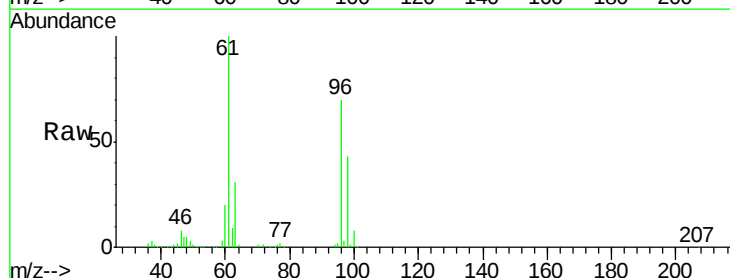
Tgt Ion: 96 Resp: 250489

Ion Ratio Lower Upper

96 100

61 142.4 102.9 191.1

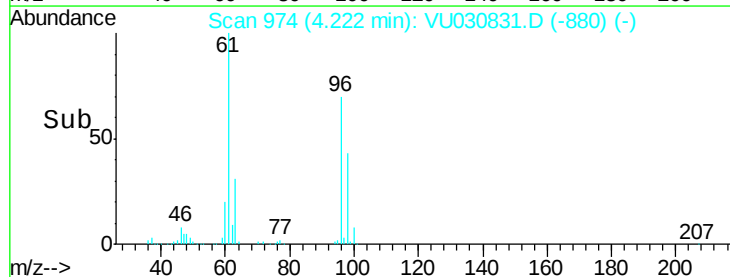
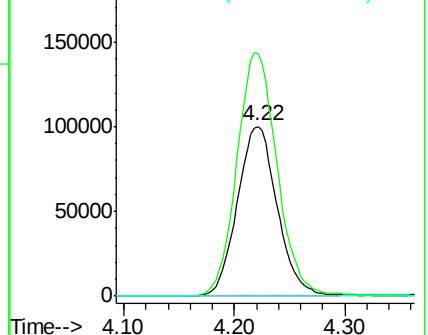
68 0.0 0.0 0.0

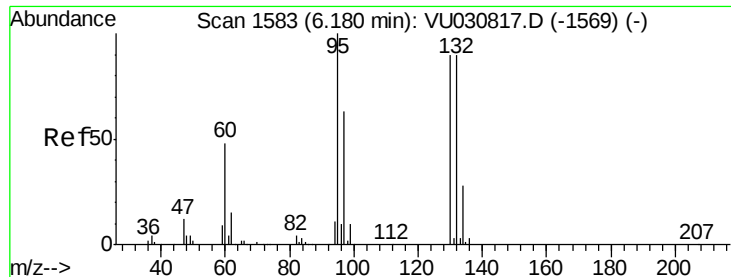


Abundance Ion 96.00 (95.70 to 96.70): VU030831.D (-974) (-)

Ion 61.00 (60.70 to 61.70): VU030831.D (-974) (-)

Ion 68.00 (67.70 to 68.70): VU030831.D (-974) (-)





#34

Trichloroethene

Concen: 57.666 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

ETJ58DL

Tot Ion: 95 Resp: 208765

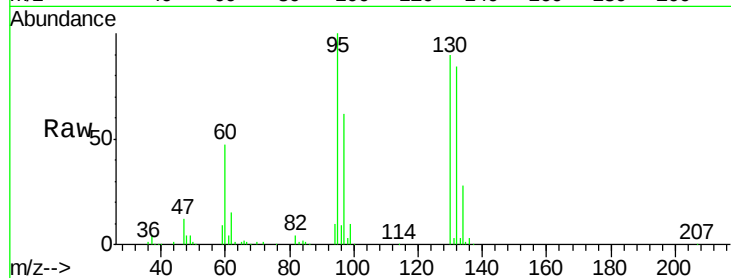
Ion Ratio Lower Upper

95 100

97 61.8 44.5 82.7

132 84.4 61.5 114.1

130 90.0 64.9 120.5



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

