

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040719\
 Data File : VU030828.D
 Acq On : 07 Apr 2019 02:16
 Operator : JC/SP
 Sample : K2260-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ57

Quant Time: Apr 08 08:33:30 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	475540	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	471378	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	189057	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	212737	50.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.22%
7) Chloroethane-d5	1.68	69	166928	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.62%
11) 1,1-Dichloroethene-d2	2.27	63	294203	38.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.64%
21) 2-Butanone-d5	4.17	46	333917	99.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.25%
24) Chloroform-d	4.64	84	317409	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
26) 1,2-Dichloroethane-d4	5.30	65	227931	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.02%
32) Benzene-d6	5.34	84	664263	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.54%
36) 1,2-Dichloropropane-d6	6.32	67	232486	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.60%
41) Toluene-d8	7.56	98	568292	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%
43) trans-1,3-Dichloropropene-	7.85	79	97105	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.32%
47) 2-Hexanone-d5	8.31	63	190035	88.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.17%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	303498	47.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	187838	50.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.04%

Target Compounds

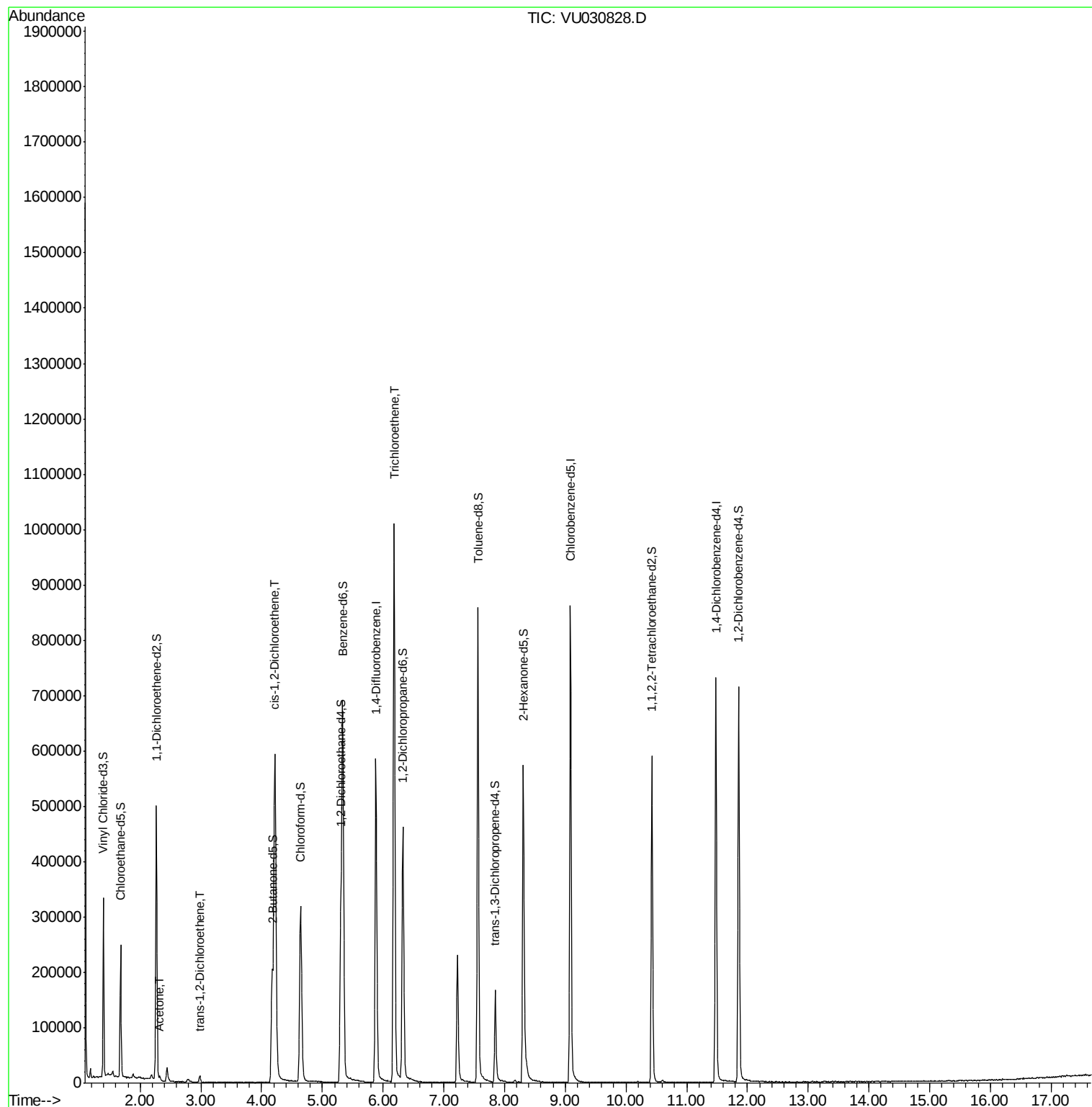
					Ovalue
13) Acetone	2.32	43	5648	1.641 ug/L	91
17) trans-1,2-Dichloroethene	2.99	96	4617	1.323 ug/L #	75
20) cis-1,2-Dichloroethene	4.22	96	318652	82.684 ug/L	98
34) Trichloroethene	6.18	95	370284	97.871 ug/L	99

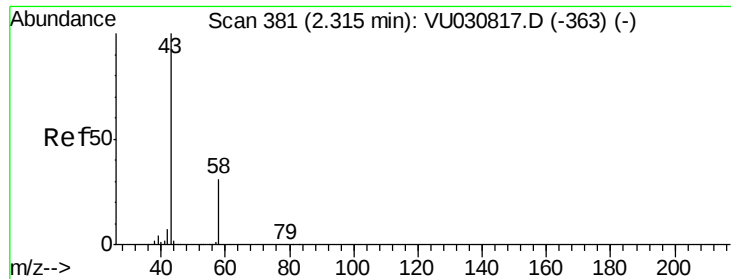
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.641 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

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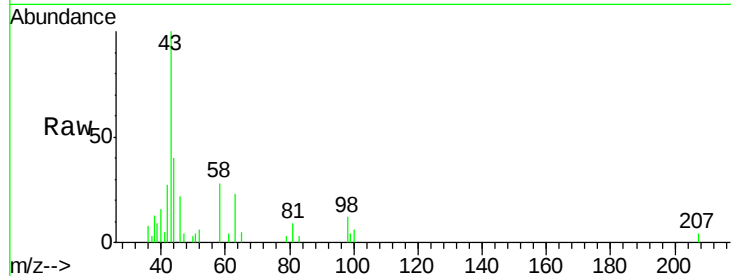
ETJ57

Tot Ion: 43 Resp: 5648

Ion Ratio Lower Upper

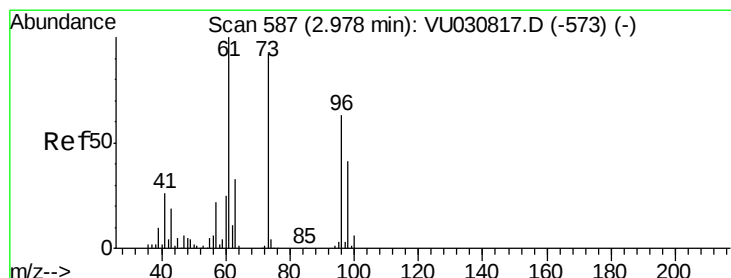
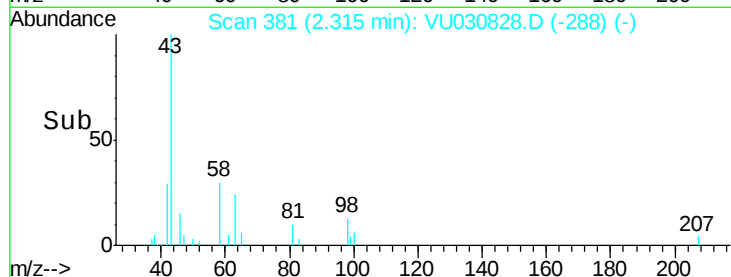
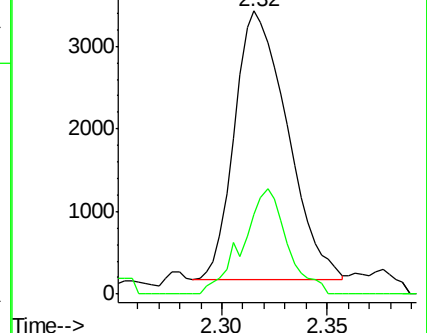
43 100

58 26.9 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030828.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU030828.D (-288) (-)



#17

trans-1,2-Dichloroethene

Concen: 1.323 ug/L

RT: 2.99 min Scan# 590

Delta R.T. 0.01 min

Lab File: VU030828.D

Acq: 07 Apr 2019 02:16

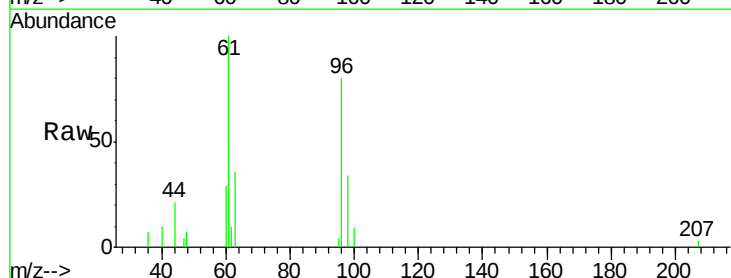
Tgt Ion: 96 Resp: 4617

Ion Ratio Lower Upper

96 100

61 124.9 109.5 203.3

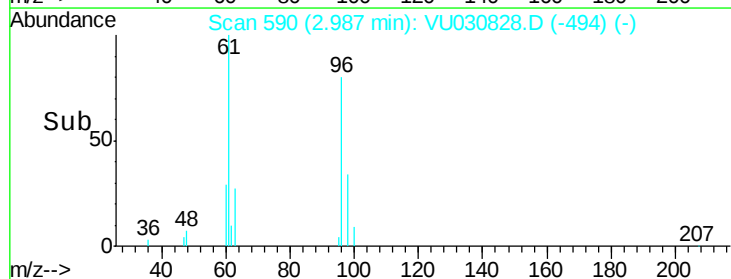
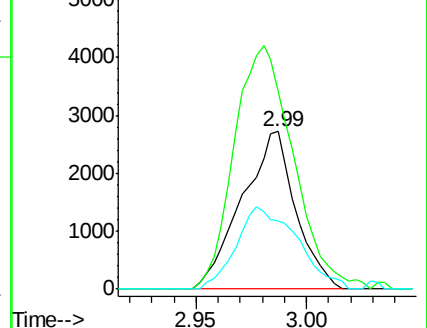
98 43.1 44.0 81.6#

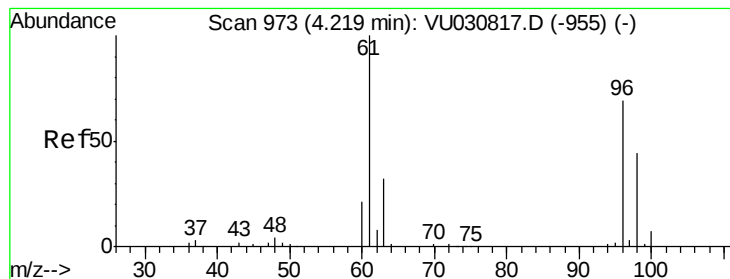


Abundance Ion 96.00 (95.70 to 96.70): VU030828.D (-494) (-)

Ion 61.00 (60.70 to 61.70): VU030828.D (-494) (-)

Ion 98.00 (97.70 to 98.70): VU030828.D (-494) (-)





#20

cis-1,2-Dichloroethene

Concen: 82.684 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

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Acq: 07 Apr 2019 02:16

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ETJ57

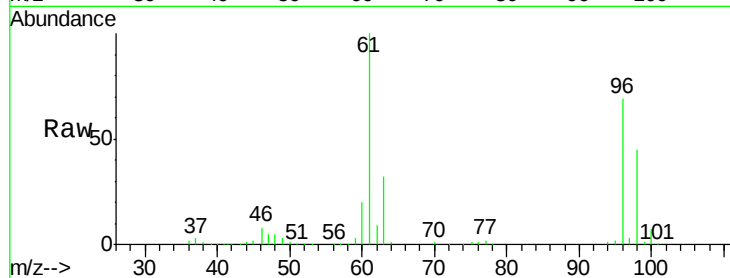
Tot Ion: 96 Resp: 318652

Ion Ratio Lower Upper

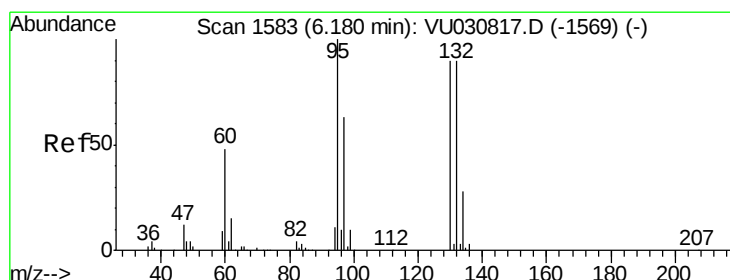
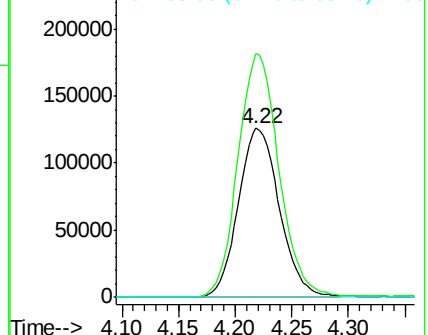
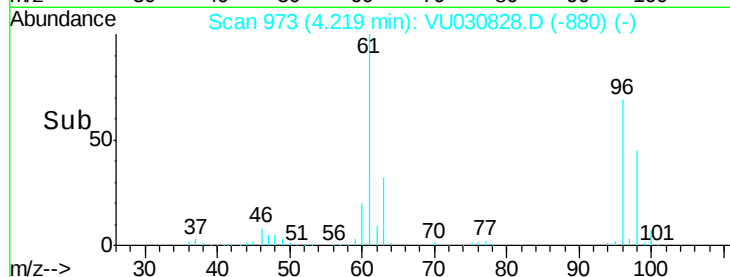
96 100

61 143.9 102.9 191.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030828.D (-880) (-)



#34

Trichloroethene

Concen: 97.871 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030828.D

Acq: 07 Apr 2019 02:16

Tgt Ion: 95 Resp: 370284

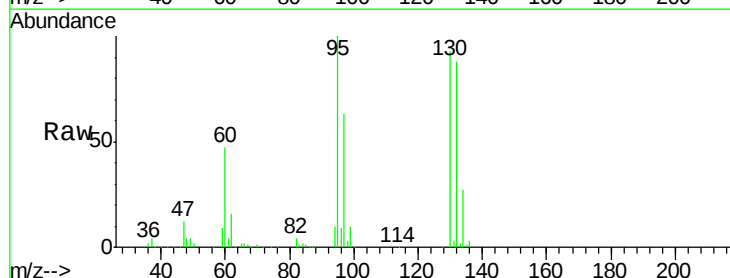
Ion Ratio Lower Upper

95 100

97 62.8 44.5 82.7

132 87.7 61.5 114.1

130 93.2 64.9 120.5



Abundance Ion 95.00 (94.70 to 95.70): VU030828.D (-1490) (-)

