

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032419\
 Data File : VU030360.D
 Acq On : 24 Mar 2019 11:06
 Operator : JC/SP
 Sample : K2083-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A3

Quant Time: Mar 25 12:35:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 25 03:20:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	440064	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	414552	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	171028	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	138241	39.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.06%
7) Chloroethane-d5	1.67	69	123747	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.16%
11) 1,1-Dichloroethene-d2	2.27	63	212807	31.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.36%
21) 2-Butanone-d5	4.17	46	296720	89.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.13%
24) Chloroform-d	4.64	84	274138	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.86%
26) 1,2-Dichloroethane-d4	5.31	65	186645	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.48%
32) Benzene-d6	5.34	84	576370	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.96%
36) 1,2-Dichloropropane-d6	6.33	67	202305	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.48%
41) Toluene-d8	7.56	98	496198	46.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.94%
43) trans-1,3-Dichloropropene-	7.85	79	87178	45.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.16%
47) 2-Hexanone-d5	8.31	63	203281	92.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.23%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	271636	46.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	168651	49.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.42%

Target Compounds

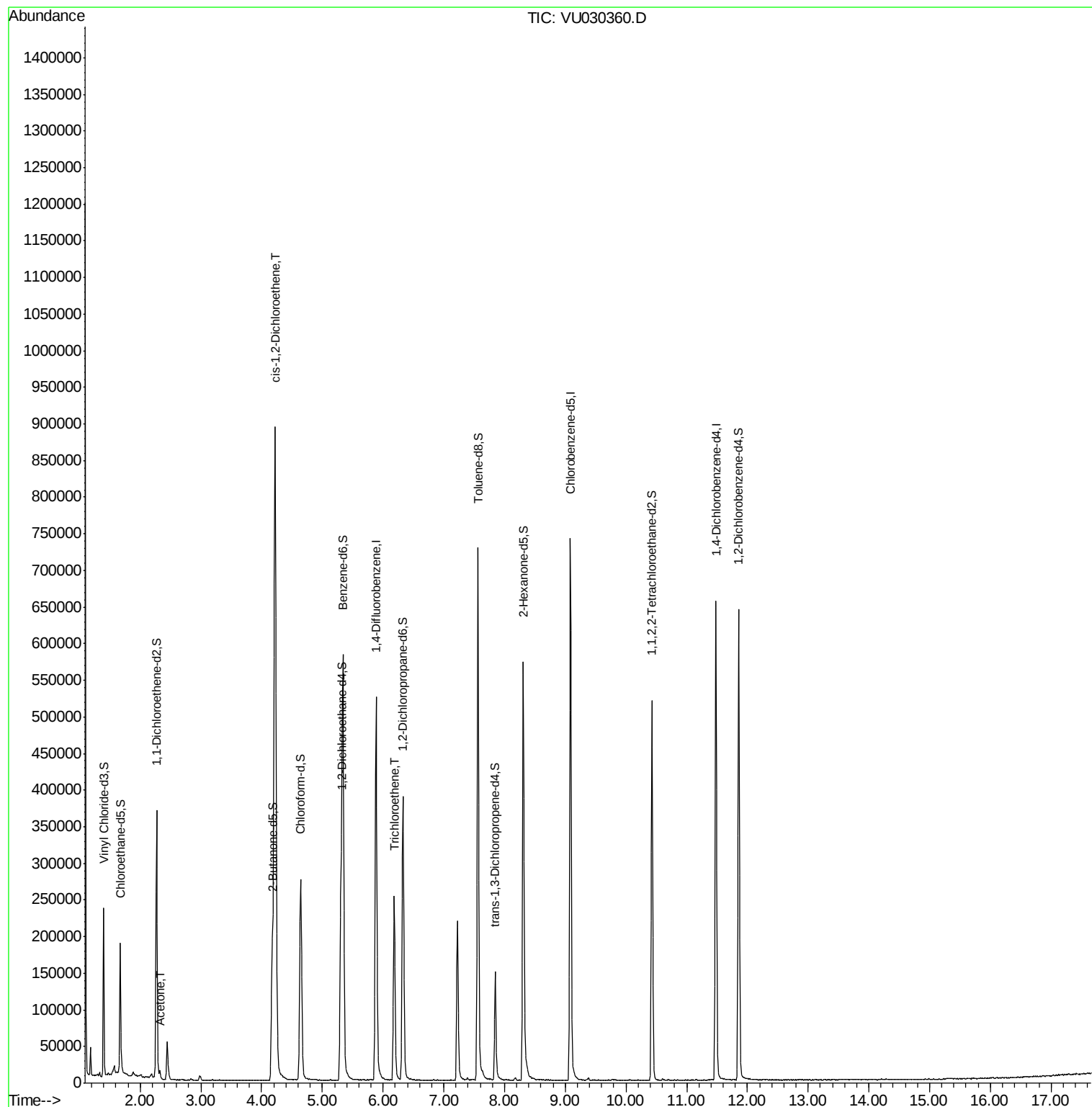
					Ovalue
13) Acetone	2.32	43	8174	2.428 ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	483877	130.617 ug/L	100
34) Trichloroethene	6.18	95	91540	26.387 ug/L	99

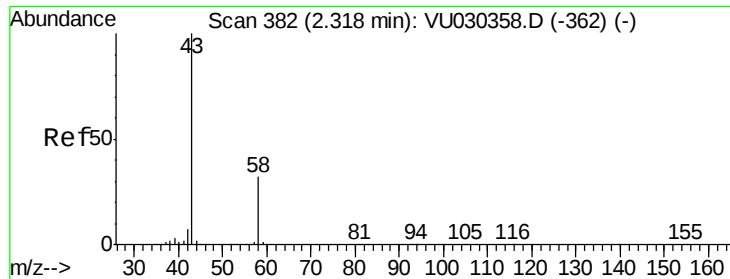
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.428 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030360.D

Acq: 24 Mar 2019 11:06

Instrument :

MSVOA_U

ClientSampled :

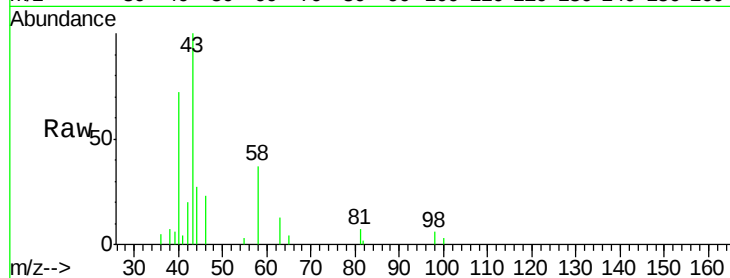
BF1A3

Tot Ion: 43 Resp: 8174

Ion Ratio Lower Upper

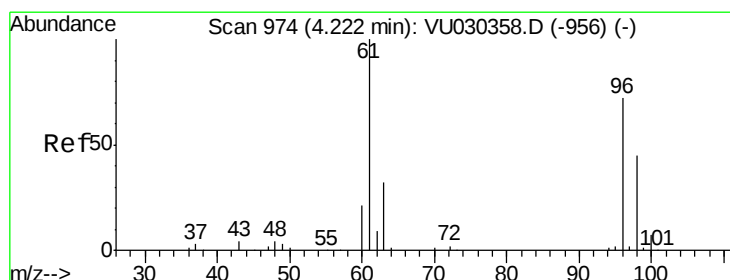
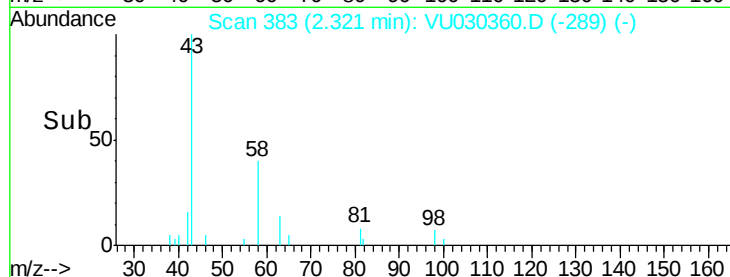
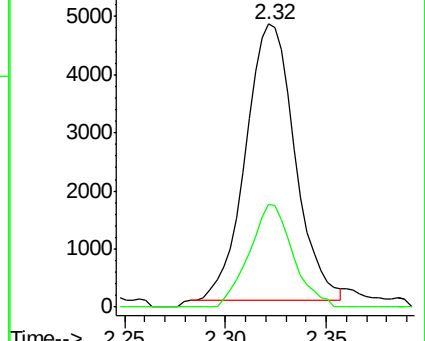
43 100

58 32.9 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030360.D (-289) (-)

Ion 58.00 (57.70 to 58.70): VU030360.D (-289) (-)



#20

cis-1,2-Dichloroethene

Concen: 130.617 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU030360.D

Acq: 24 Mar 2019 11:06

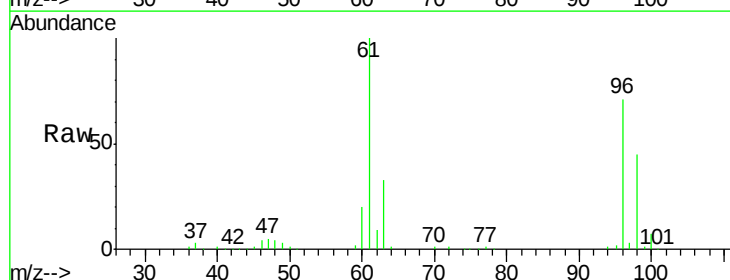
Tgt Ion: 96 Resp: 483877

Ion Ratio Lower Upper

96 100

61 140.9 98.4 182.8

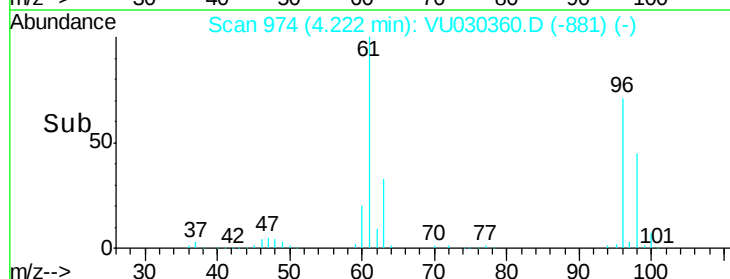
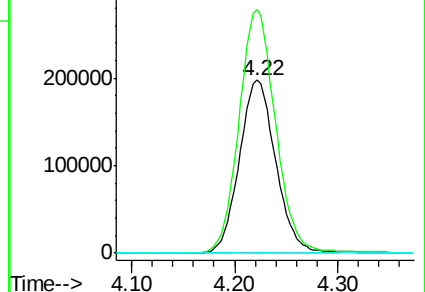
68 0.0 0.0 0.0

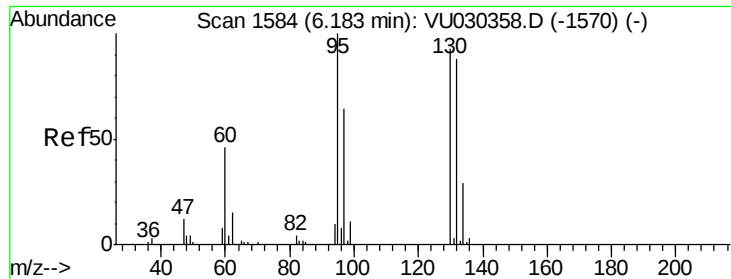


Abundance Ion 96.00 (95.70 to 96.70): VU030360.D (-881) (-)

Ion 61.00 (60.70 to 61.70): VU030360.D (-881) (-)

Ion 68.00 (67.70 to 68.70): VU030360.D (-881) (-)

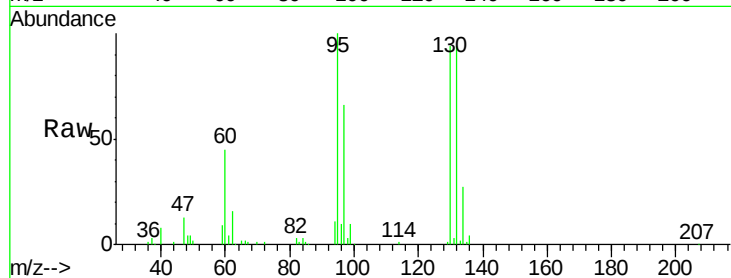




#34
 Trichloroethene
 Concen: 26.387 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU030360.D
 Acq: 24 Mar 2019 11:06

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A3

Tot Ion:	95	Resp:	91540
Ion	Ratio	Lower	Upper
95	100		
97	65.9	45.7	84.9
132	93.6	63.8	118.4
130	93.8	65.7	121.9



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

