

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032419\
 Data File : VU030371.D
 Acq On : 24 Mar 2019 15:26
 Operator : JC/SP
 Sample : K2016-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0982

Quant Time: Mar 25 04:38:10 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	391796	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	363882	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	143329	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	137833	43.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.42%
7) Chloroethane-d5	1.68	69	119577	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.70%
11) 1,1-Dichloroethene-d2	2.27	63	206648	34.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.10%
21) 2-Butanone-d5	4.17	46	278454	93.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.94%
24) Chloroform-d	4.64	84	260268	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
26) 1,2-Dichloroethane-d4	5.31	65	176488	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.30%
32) Benzene-d6	5.34	84	542490	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.98%
36) 1,2-Dichloropropane-d6	6.33	67	192260	53.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.70%
41) Toluene-d8	7.56	98	462011	49.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.85	79	74445	44.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.68%
47) 2-Hexanone-d5	8.31	63	186125	96.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	252589	49.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	156160	54.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.76%

Target Compounds

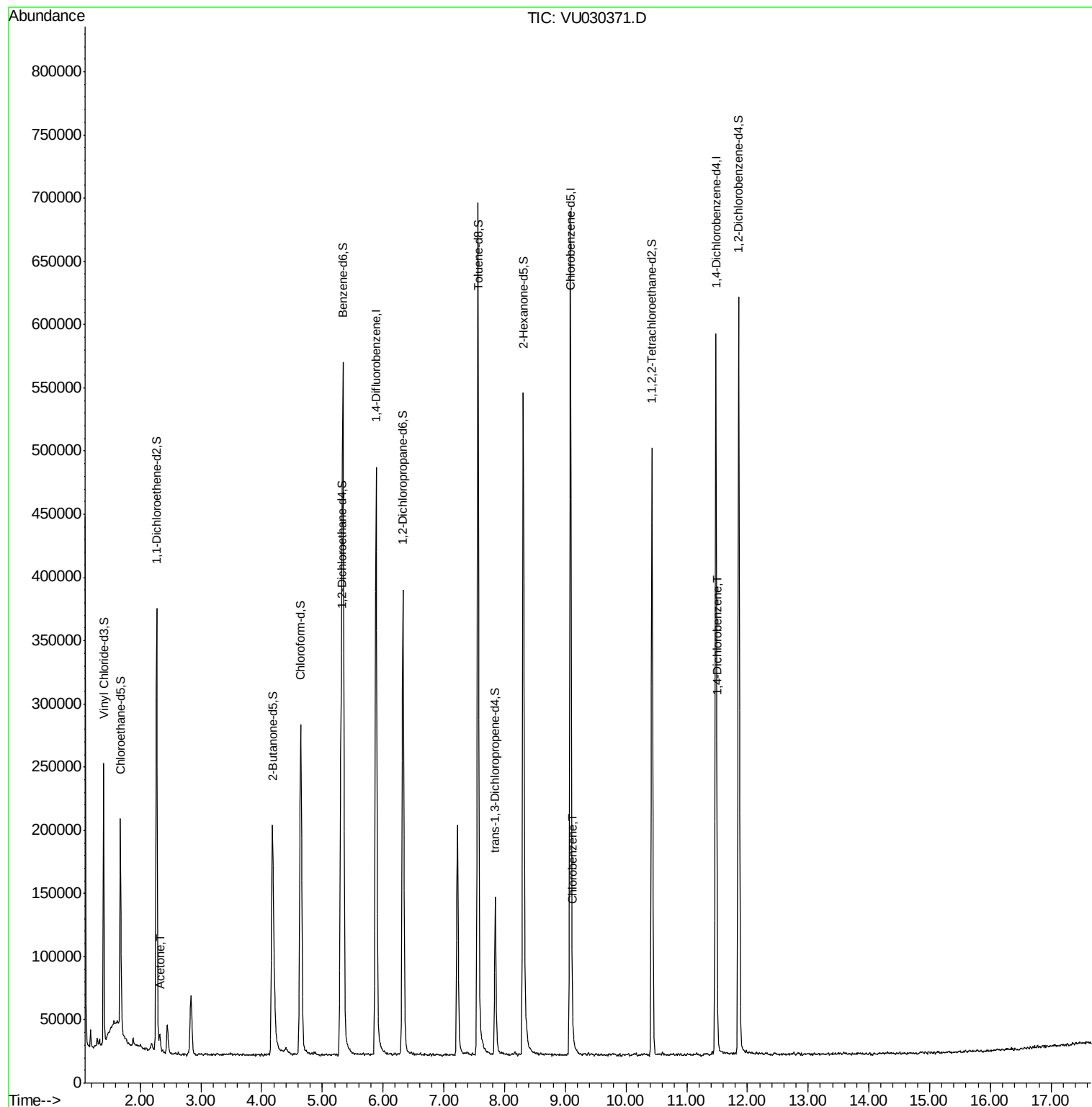
					Ovalue
13) Acetone	2.32	43	10192	3.400 ug/L	96
51) Chlorobenzene	9.12	112	5833	0.749 ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	3640	0.754 ug/L	95

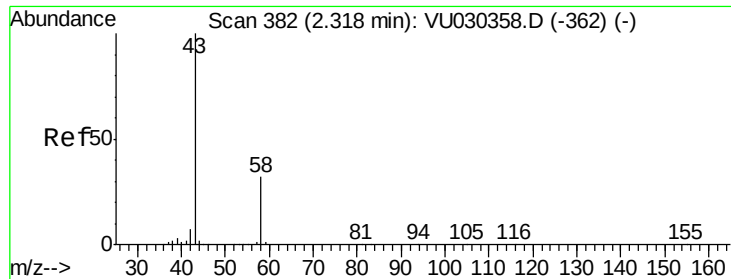
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.400 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Acq: 24 Mar 2019 15:26

Instrument :

MSVOA_U

ClientSampleId :

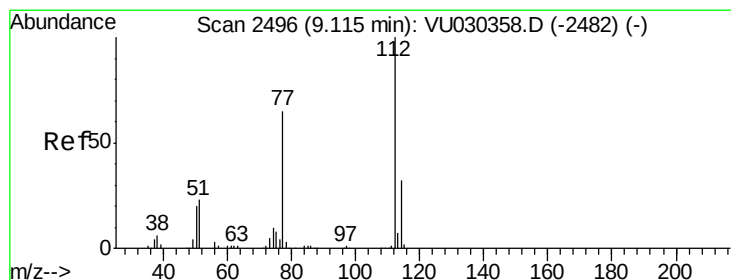
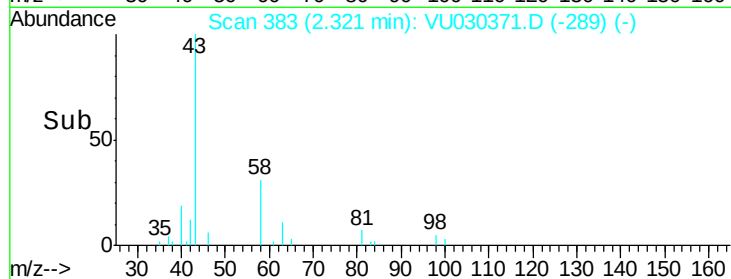
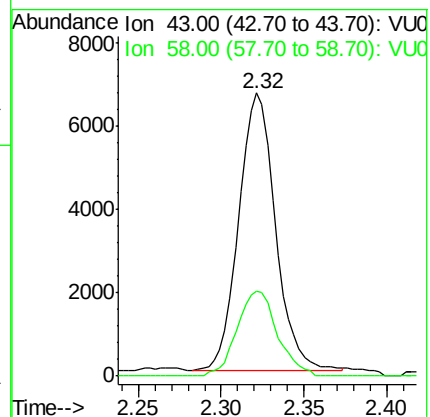
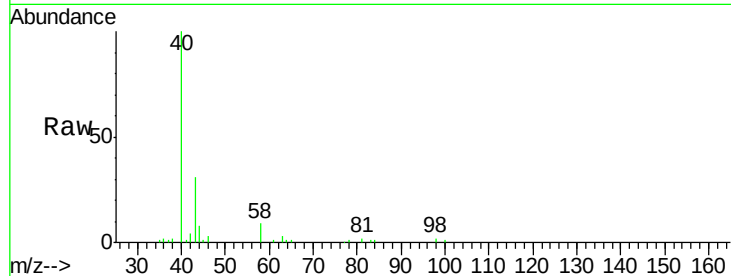
C0982

Tot Ion: 43 Resp: 10192

Ion Ratio Lower Upper

43 100

58 33.9 0.0 62.8



#51

Chlorobenzene

Concen: 0.749 ug/L

RT: 9.12 min Scan# 2498

Delta R.T. 0.01 min

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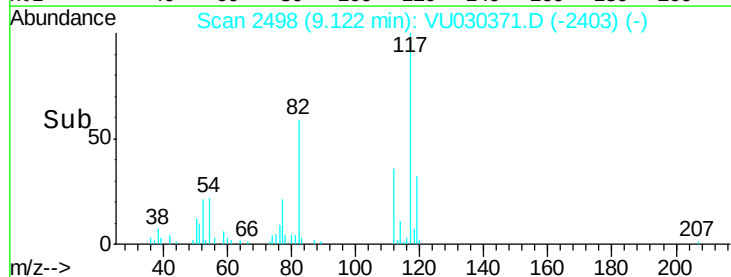
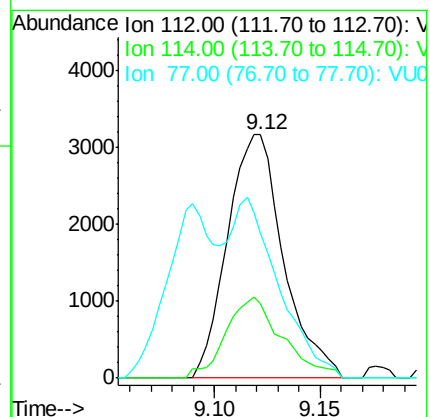
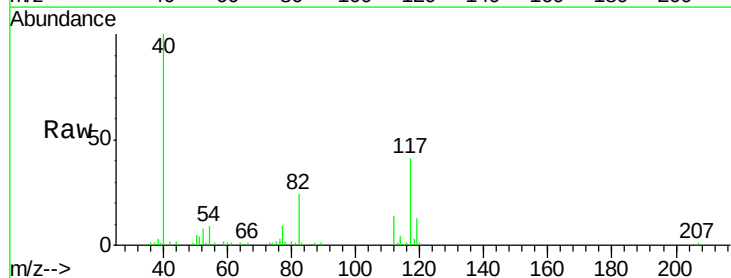
Tgt Ion: 112 Resp: 5833

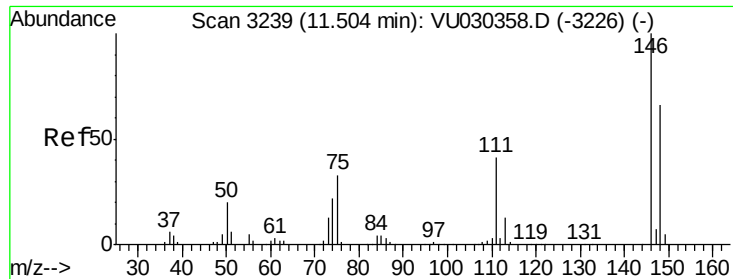
Ion Ratio Lower Upper

112 100

114 30.8 21.5 39.9

77 59.3 51.4 77.0





#63

1,4-Dichlorobenzene

Concen: 0.754 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

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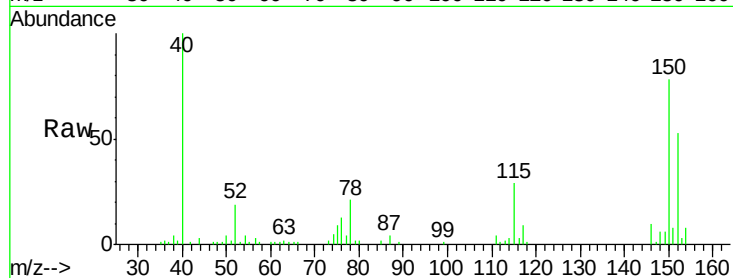
Tot Ion:146 Resp: 3640

Ion Ratio Lower Upper

146 100

111 41.3 28.7 53.3

148 57.1 44.3 82.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

