

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032419\
 Data File : VU030364.D
 Acq On : 24 Mar 2019 12:40
 Operator : JC/SP
 Sample : K2070-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0974

Quant Time: Mar 25 03:59:02 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	396138	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	382940	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150999	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	141475	44.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.76%
7) Chloroethane-d5	1.68	69	117761	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.27	63	202688	33.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.04%
21) 2-Butanone-d5	4.17	46	281452	93.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.91%
24) Chloroform-d	4.64	84	258153	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.31	65	172779	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.14%
32) Benzene-d6	5.34	84	529271	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.33	67	188926	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.56%
41) Toluene-d8	7.56	98	457799	46.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.84%
43) trans-1,3-Dichloropropene-	7.85	79	72222	40.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.76%
47) 2-Hexanone-d5	8.31	63	187748	92.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.21%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	248827	46.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	156260	51.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.30%

Target Compounds

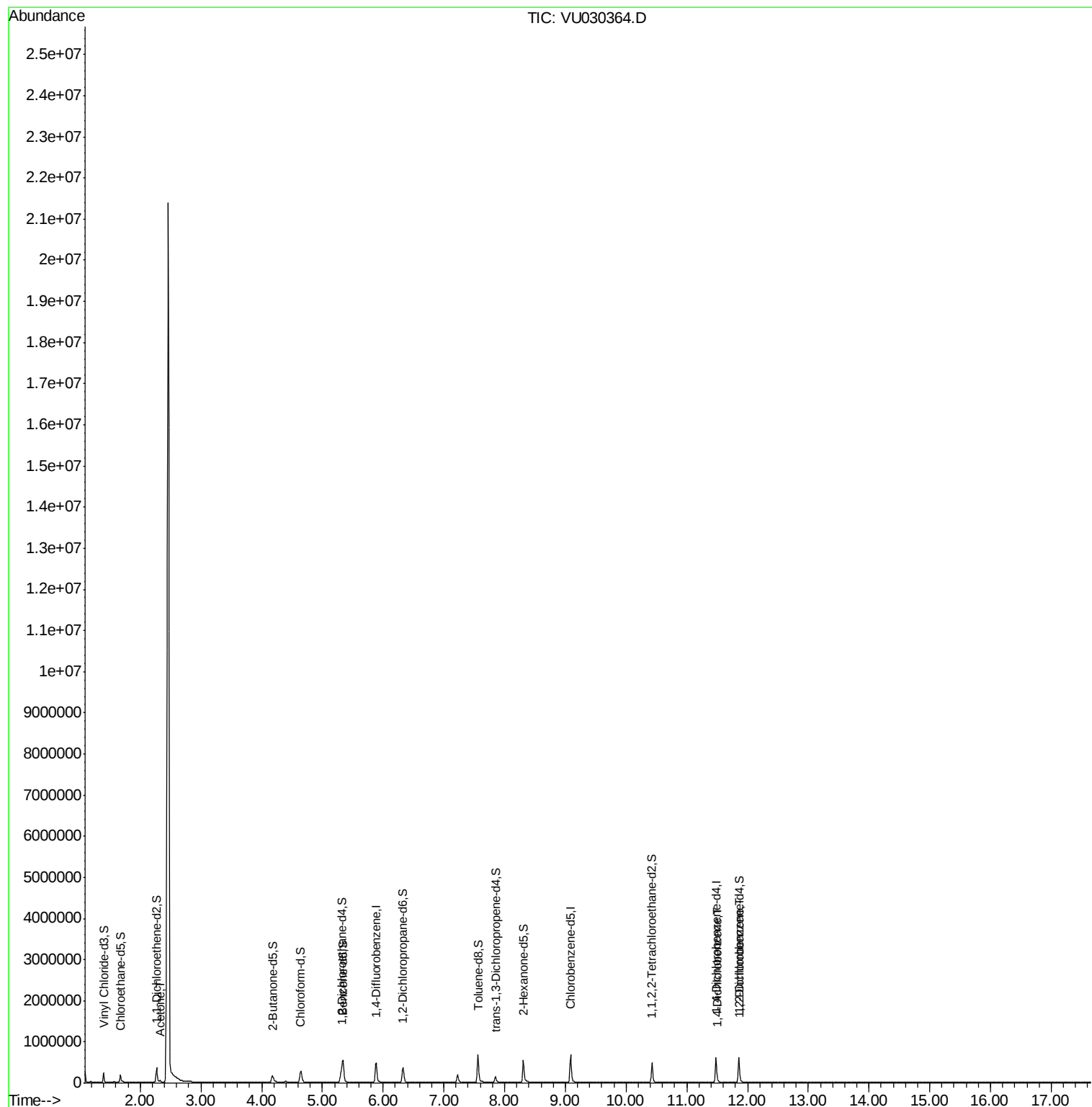
					Ovalue
13) Acetone	2.32	43	33336	10.999 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	5149	1.013 ug/L	92
65) 1,2-Dichlorobenzene	11.87	146	8038	1.610 ug/L #	88

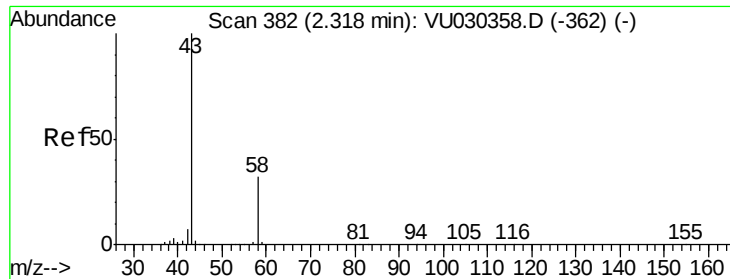
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.999 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030364.D

Acq: 24 Mar 2019 12:40

Instrument :

MSVOA_U

ClientSampleId :

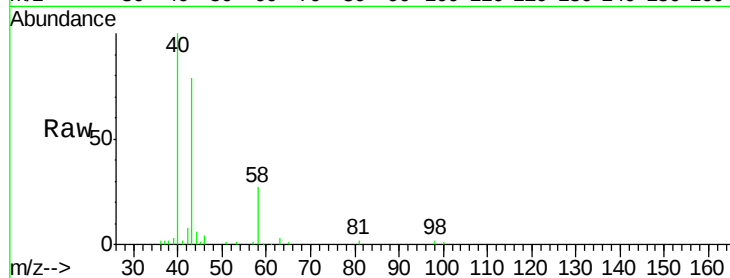
C0974

Tot Ion: 43 Resp: 33336

Ion Ratio Lower Upper

43 100

58 32.2 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030358.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU030358.D (-362) (-)

800000

600000

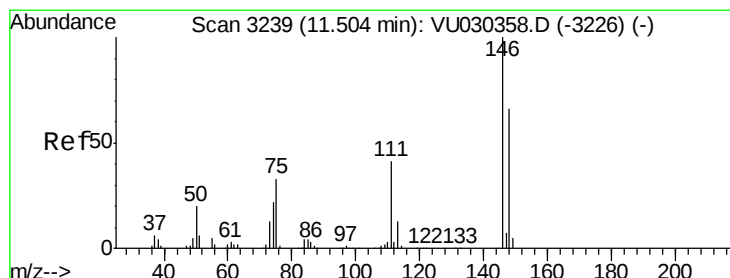
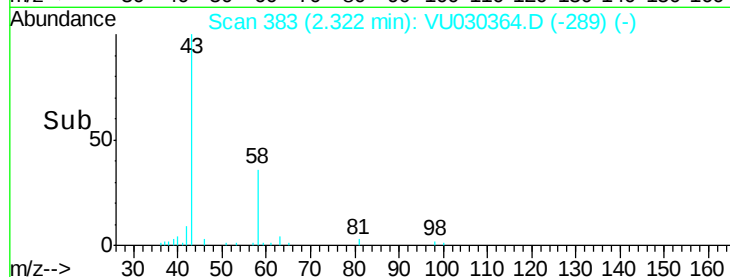
400000

200000

0

2.25 2.30 2.35 2.40

Time-->



#63

1,4-Dichlorobenzene

Concen: 1.013 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU030364.D

Acq: 24 Mar 2019 12:40

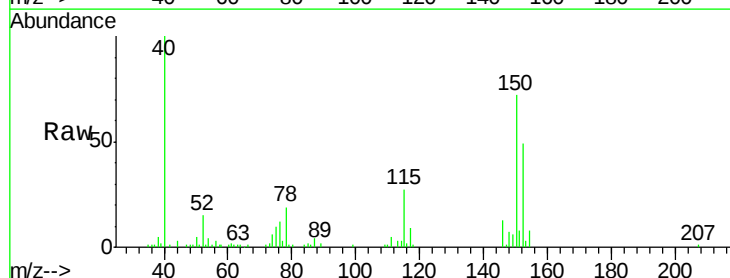
Tgt Ion: 146 Resp: 5149

Ion Ratio Lower Upper

146 100

111 40.7 28.7 53.3

148 53.8 44.3 82.3



Abundance Ion 146.00 (145.70 to 146.70): VU030358.D (-3226) (-)

Ion 111.00 (110.70 to 111.70): VU030358.D (-3226) (-)

Ion 148.00 (147.70 to 148.70): VU030358.D (-3226) (-)

4000

3000

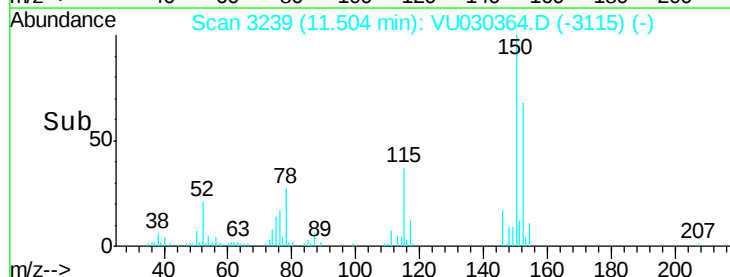
2000

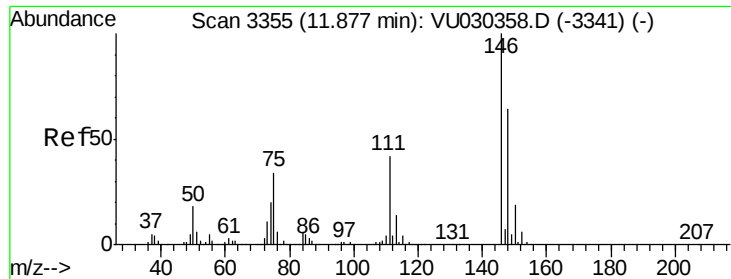
1000

0

11.45 11.50 11.55

Time-->





#65
 1,2-Dichlorobenzene
 Concen: 1.610 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU030364.D
 Acq: 24 Mar 2019 12:40

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Tot Ion:146 Resp: 8038
 Ion Ratio Lower Upper
 146 100
 111 57.0 34.9 52.3#
 148 58.8 51.2 76.8

