

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081619\
 Data File : VU033817.D
 Acq On : 15 Aug 2019 18:09
 Operator : JC/SP
 Sample : K4369-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CD5

Quant Time: Aug 16 03:45:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 16 02:54:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	399959	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	397382	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	179989	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	167432	46.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.06%
7) Chloroethane-d5	1.67	69	142115	42.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.46%
11) 1,1-Dichloroethene-d2	2.26	63	219654	36.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.06%
21) 2-Butanone-d5	4.15	46	194623	103.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.13%
24) Chloroform-d	4.62	84	275754	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
26) 1,2-Dichloroethane-d4	5.28	65	179713	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
32) Benzene-d6	5.32	84	560744	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
36) 1,2-Dichloropropane-d6	6.31	67	181448	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.56%
41) Toluene-d8	7.55	98	503976	48.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.96%
43) trans-1,3-Dichloropropene-	7.83	79	80459	47.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.62%
47) 2-Hexanone-d5	8.29	63	137789	103.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.66%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	249938	50.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.22%
64) 1,2-Dichlorobenzene-d4	11.84	152	191815	53.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.94%

Target Compounds

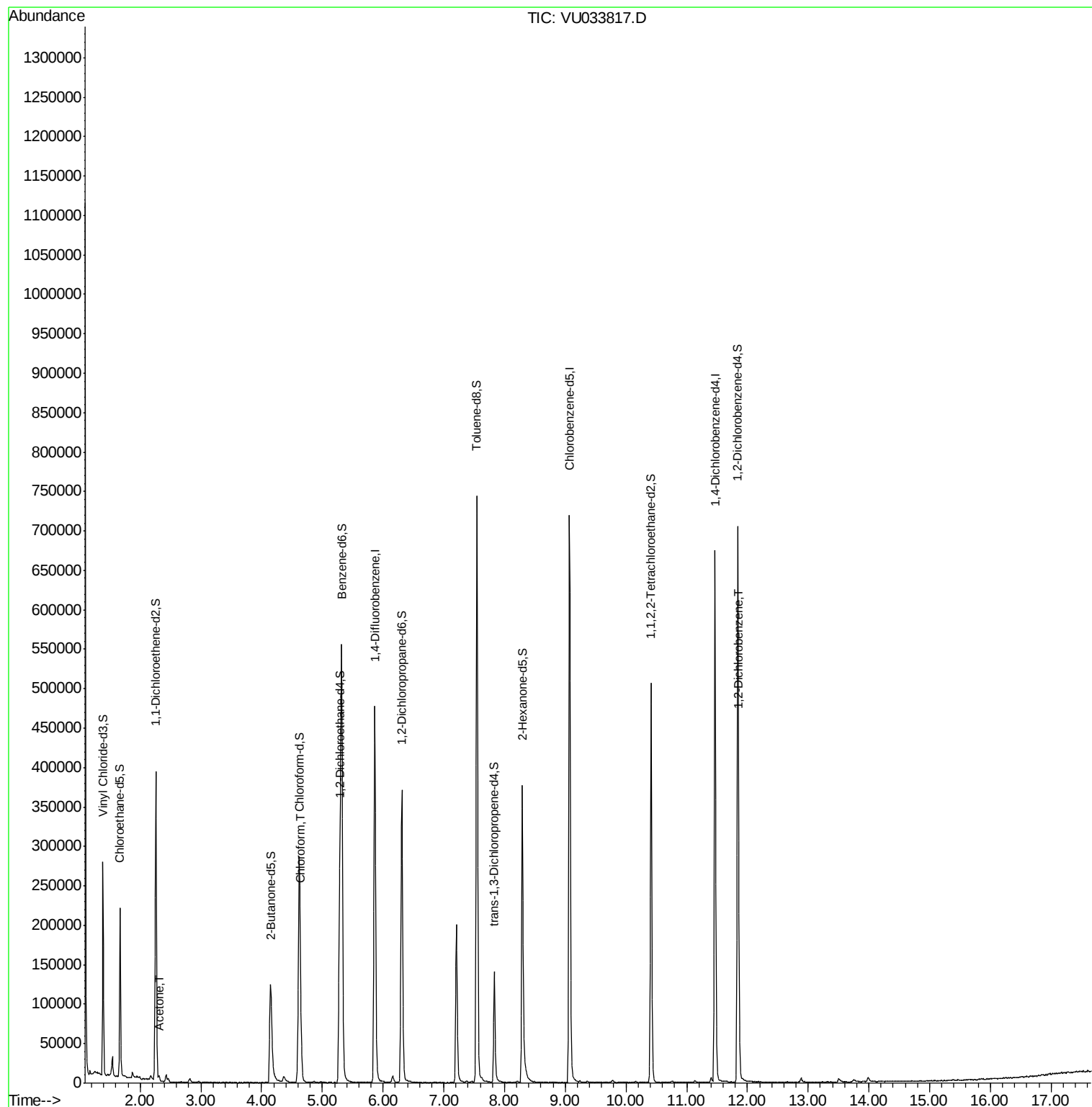
					Ovalue
13) Acetone	2.31	43	5919	3.191 ug/L	93
25) Chloroform	4.65	83	32686	5.672 ug/L	97
65) 1,2-Dichlorobenzene	11.86	146	13668	2.414 ug/L	99

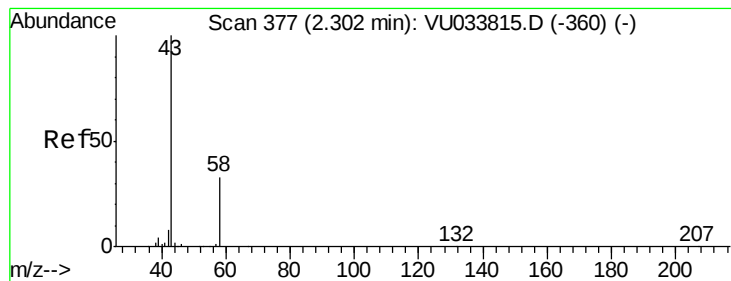
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.191 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU033817.D

Acq: 15 Aug 2019 18:09

Instrument :

MSVOA_U

ClientSampleId :

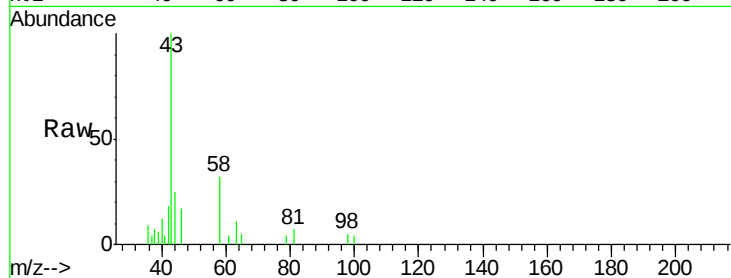
C0CD5

Tot Ion: 43 Resp: 5919

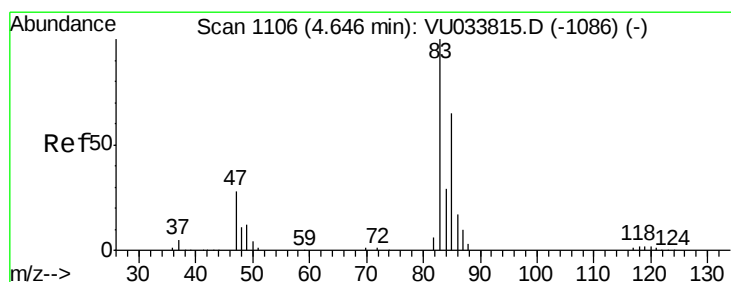
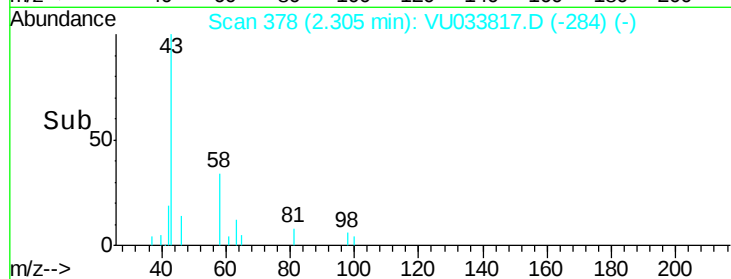
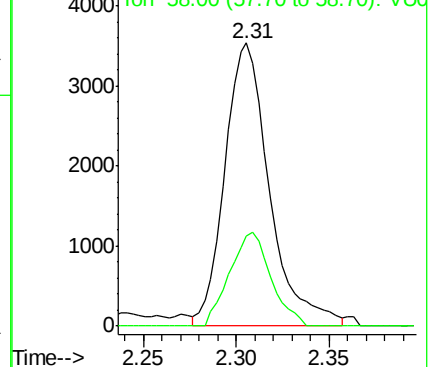
Ion Ratio Lower Upper

43 100

58 30.6 0.0 69.0



Abundance Ion 43.00 (42.70 to 43.70): VU033817.D (-284) (-)



#25

Chloroform

Concen: 5.672 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VU033817.D

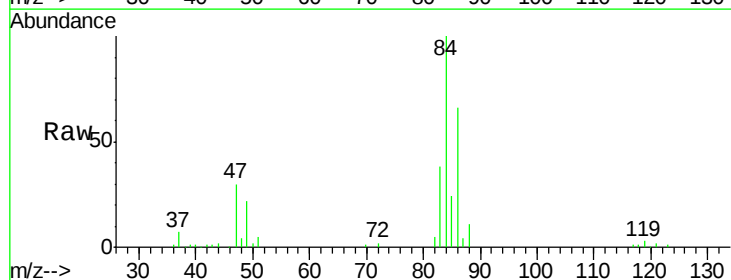
Acq: 15 Aug 2019 18:09

Tgt Ion: 83 Resp: 32686

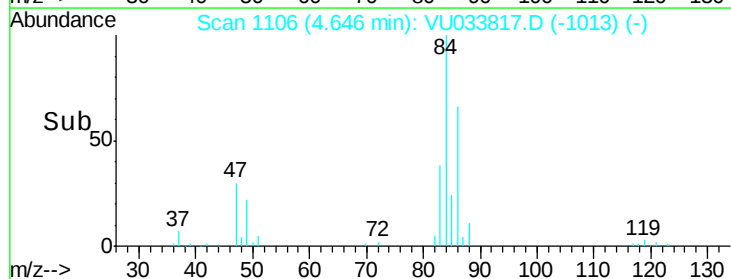
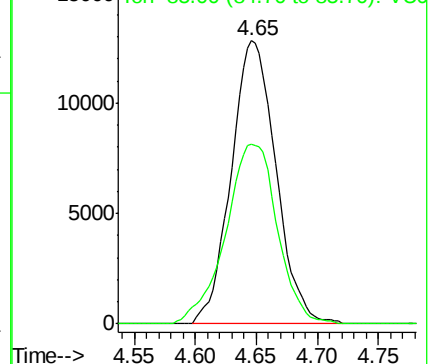
Ion Ratio Lower Upper

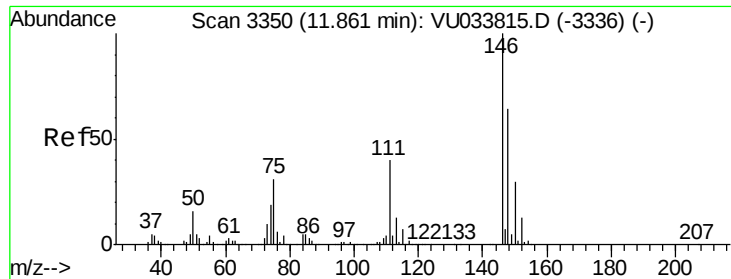
83 100

85 63.7 46.3 86.1



Abundance Ion 83.00 (82.70 to 83.70): VU033817.D (-1013) (-)

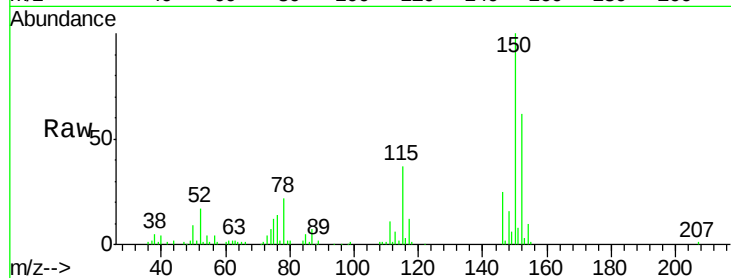




#65
 1,2-Dichlorobenzene
 Concen: 2.414 ug/L
 RT: 11.86 min Scan# 3351
 Delta R.T. 0.00 min
 Lab File: VU033817.D
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Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	33.8	50.6
148	64.6	51.0	76.4



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

