

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\
 Data File : VU030222.D
 Acq On : 20 Mar 2019 15:10
 Operator : JC/SP
 Sample : K2017-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1F5

Quant Time: Mar 22 01:24:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:01:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	522657	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	504678	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	237793	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	179740	50.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.72%
7) Chloroethane-d5	1.68	69	149280	52.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.64%
11) 1,1-Dichloroethene-d2	2.27	63	248633	38.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.12%
21) 2-Butanone-d5	4.17	46	254095	96.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.91%
24) Chloroform-d	4.64	84	320029	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
26) 1,2-Dichloroethane-d4	5.31	65	185871	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.48%
32) Benzene-d6	5.34	84	695148	52.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.54%
36) 1,2-Dichloropropane-d6	6.33	67	214125	52.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.06%
41) Toluene-d8	7.56	98	623830	49.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.78%
43) trans-1,3-Dichloropropene-	7.85	79	97155	48.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.98%
47) 2-Hexanone-d5	8.31	63	204643	95.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	309487	49.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	245223	51.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.72%

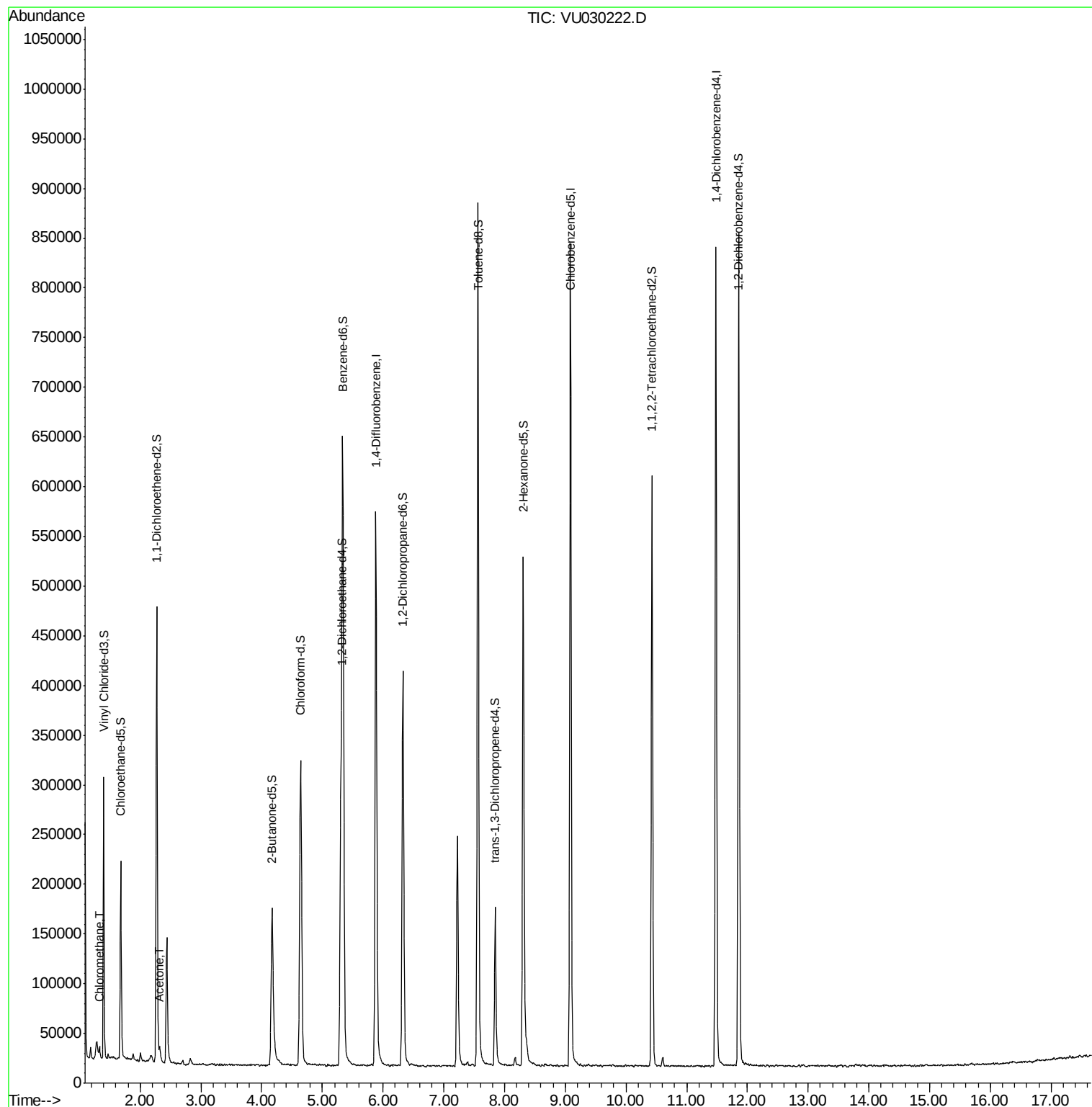
Target Compounds				Ovalue
3) Chloromethane	1.33	50	6137	1.433 ug/L 98
13) Acetone	2.32	43	11782	4.301 ug/L 94

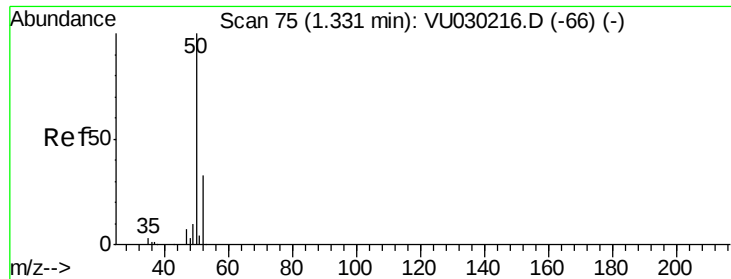
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.433 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU030222.D

Acq: 20 Mar 2019 15:10

Instrument :

MSVOA_U

ClientSampleId :

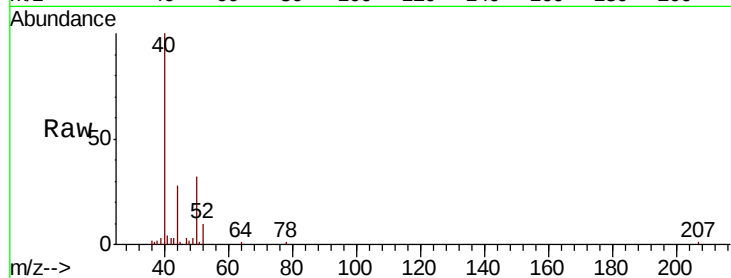
BF1F5

Tot Ion: 50 Resp: 6137

Ion Ratio Lower Upper

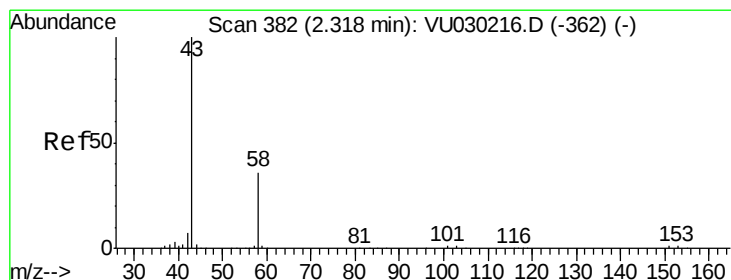
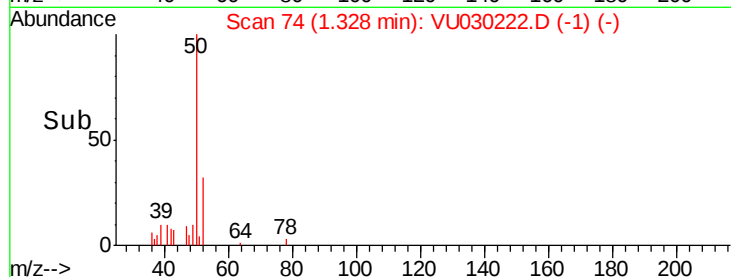
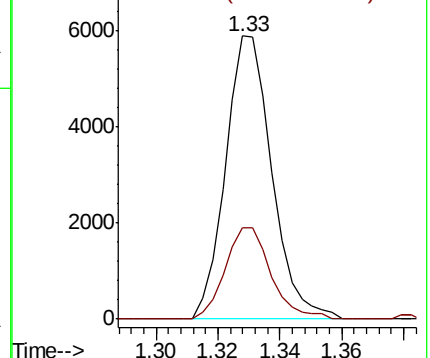
50 100

52 32.4 23.4 43.6



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#13

Acetone

Concen: 4.301 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

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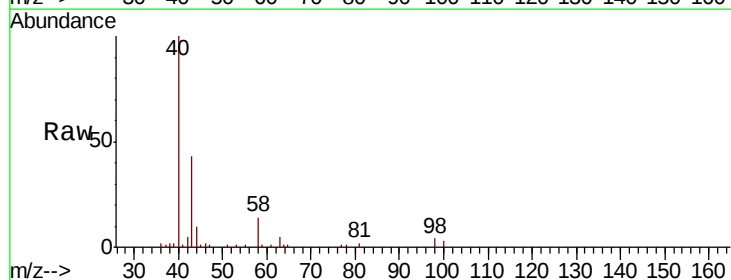
Acq: 20 Mar 2019 15:10

Tgt Ion: 43 Resp: 11782

Ion Ratio Lower Upper

43 100

58 33.4 0.0 73.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

