

Data File : VU034698.D
Acq On : 20 Sep 2019 18:52
Operator : JC/SP
Sample : K4948-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEDQ2

Quant Time: Sep 21 02:35:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 02:29:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	494798	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	459506	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	206095	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	196226	38.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.48%
7) Chloroethane-d5	1.67	69	169394	43.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.54%
11) 1,1-Dichloroethene-d2	2.26	63	274706	32.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.04%
21) 2-Butanone-d5	4.04	46	50	0.01	ug/L	-0.11
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.01%#
24) Chloroform-d	4.62	84	340164	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
26) 1,2-Dichloroethane-d4	5.29	65	252717	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.36%
32) Benzene-d6	5.32	84	676297	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.96%
36) 1,2-Dichloropropane-d6	6.31	67	241208	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.90%
41) Toluene-d8	7.54	98	628927	46.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.82%
43) trans-1,3-Dichloropropene-	7.83	79	109532	45.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.88%
47) 2-Hexanone-d5	8.29	63	252841	101.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.13%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	319367	46.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.48%
64) 1,2-Dichlorobenzene-d4	11.84	152	210969	48.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.64%

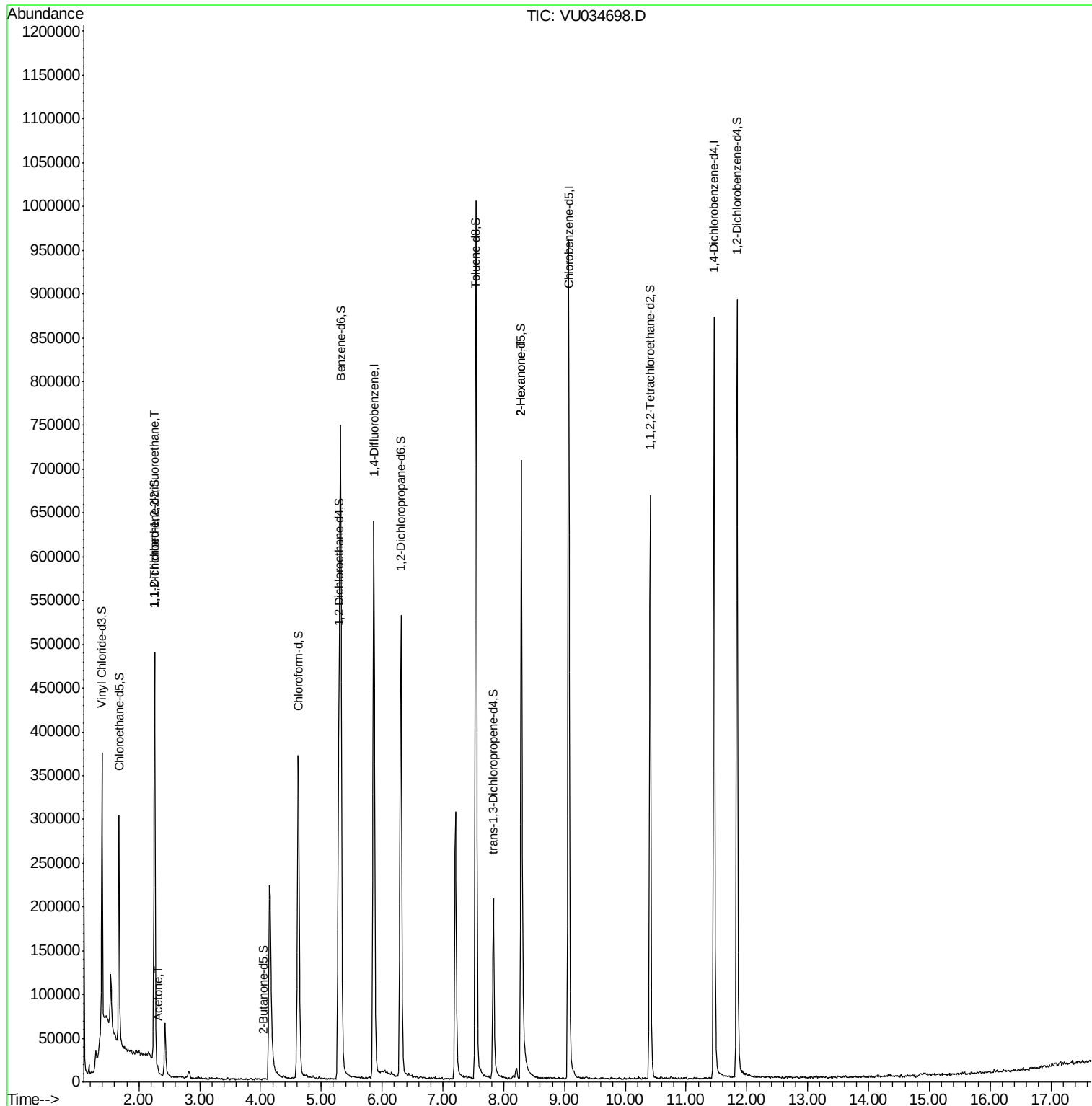
Target Compounds					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2628	0.779 ug/L #	29
13) Acetone	2.31	43	7467	1.653 ug/L	75
48) 2-Hexanone	8.29	43	33458	4.728 ug/L #	74

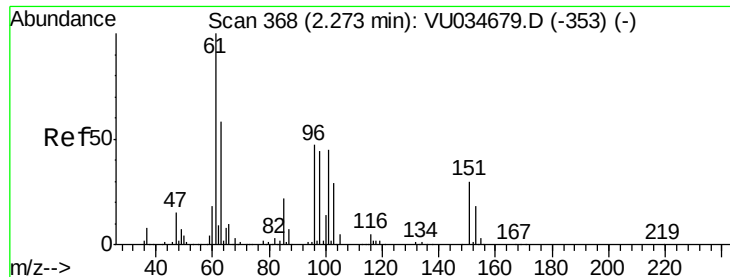
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.779 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

BEDQ2

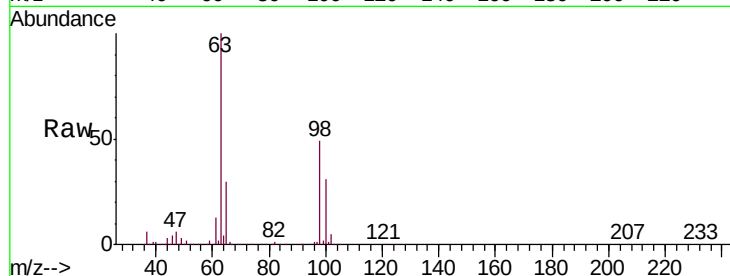
Tgt Ion:101 Resp: 2628

Ion Ratio Lower Upper

101 100

85 6.2 39.0 58.4#

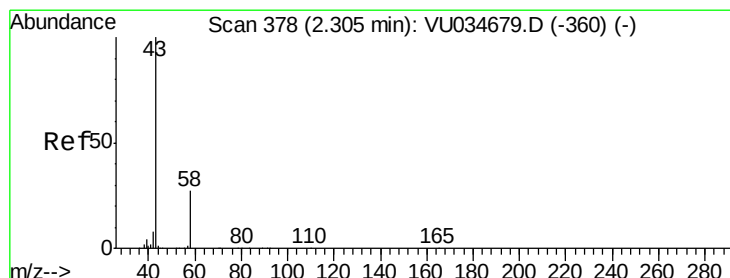
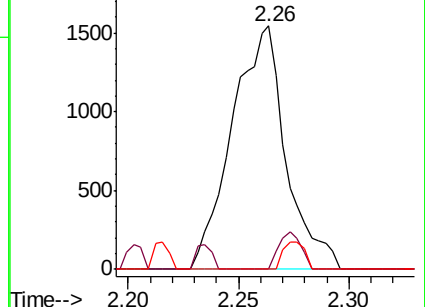
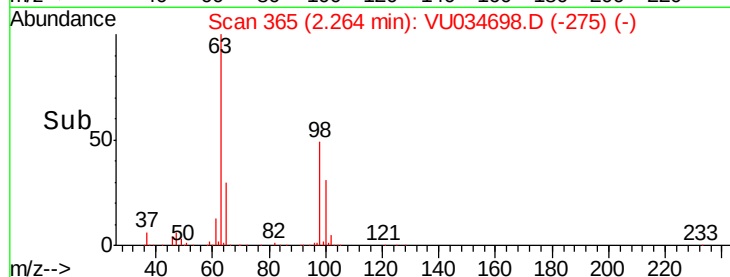
151 4.5 52.8 79.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.653 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

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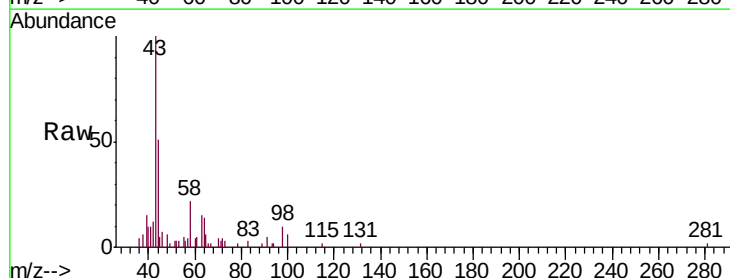
Acq: 20 Sep 2019 18:52

Tgt Ion: 43 Resp: 7467

Ion Ratio Lower Upper

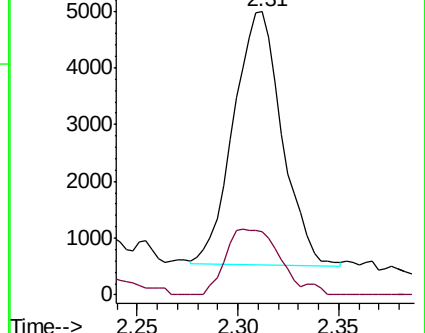
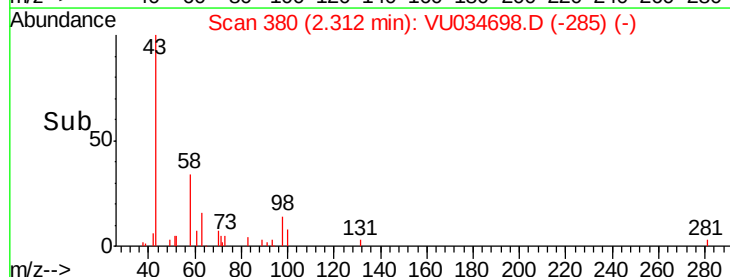
43 100

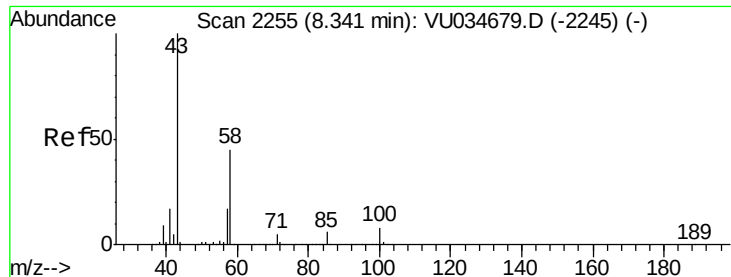
58 13.9 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#48
 2-Hexanone
 Concen: 4.728 ug/L
 RT: 8.29 min Scan# 2239
 Delta R.T. -0.05 min
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Tgt Ion: 43 Resp: 33458
 Ion Ratio Lower Upper
 43 100
 58 22.1 35.3 52.9#
 57 18.0 12.1 18.1
 100 0.4 6.2 9.4#

