

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110119\
 Data File : VU035593.D
 Acq On : 01 Nov 2019 11:30
 Operator : JC/SP
 Sample : K5631-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE890

Quant Time: Nov 01 16:12:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 17:03:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	646130	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	629689	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	188843	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	203153	38.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.86%
7) Chloroethane-d5	1.93	69	181584	43.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.14%
11) 1,1-Dichloroethene-d2	2.60	63	264578	32.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.20%
21) 2-Butanone-d5	4.69	46	281921	92.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.48%
24) Chloroform-d	5.11	84	369093	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.75	65	233485	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
32) Benzene-d6	5.77	84	798382	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
36) 1,2-Dichloropropane-d6	6.74	67	259492	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.50%
41) Toluene-d8	7.93	98	723101	46.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.42%
43) trans-1,3-Dichloropropene-	8.21	79	118106	48.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.34%
47) 2-Hexanone-d5	8.68	63	170164	83.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.41%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	342393	45.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.46%
64) 1,2-Dichlorobenzene-d4	12.22	152	191646	50.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.64%

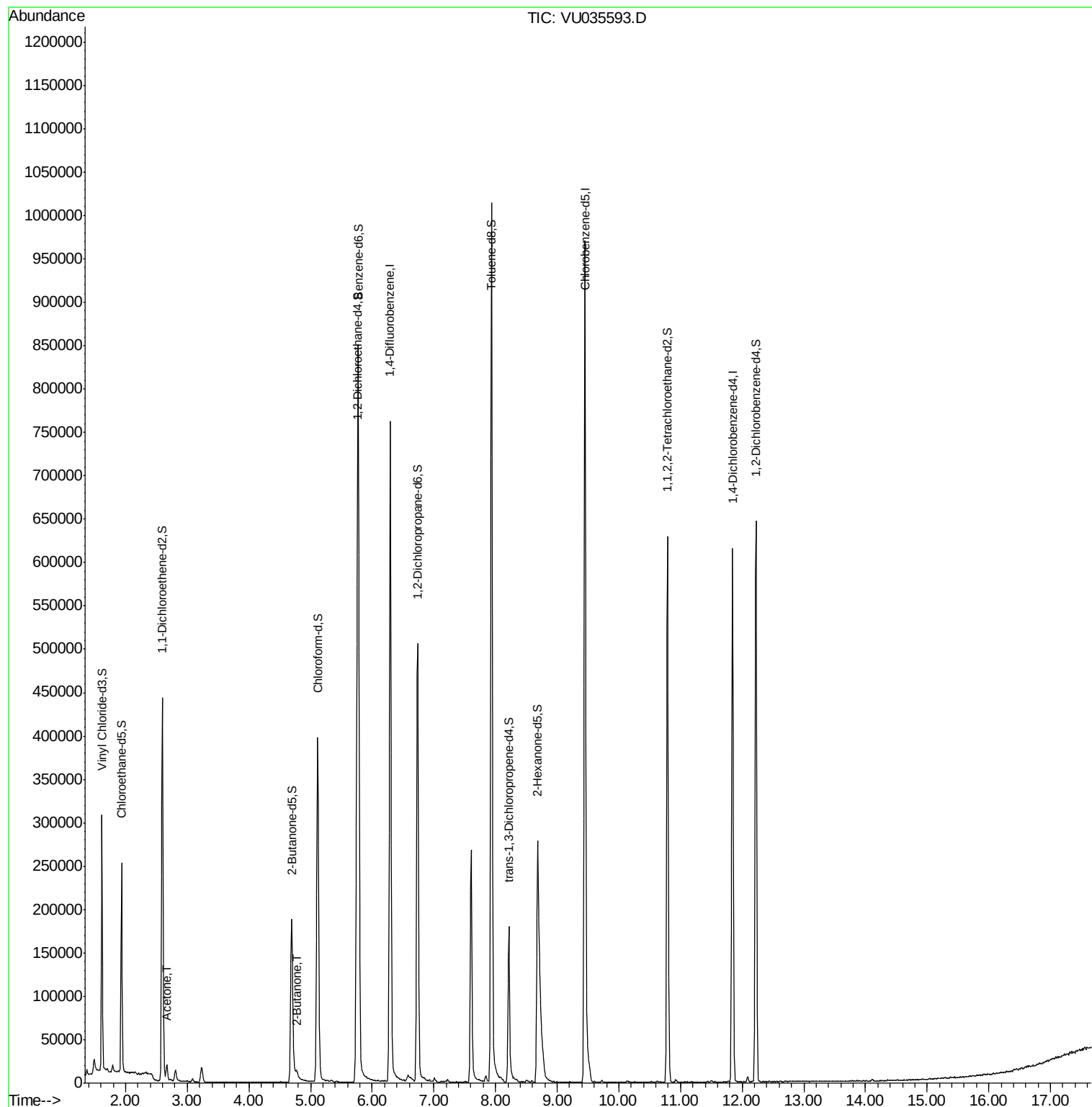
Target Compounds					Qvalue
13) Acetone	2.67	43	18898	7.046 ug/L	97
22) 2-Butanone	4.77	43	10178	2.875 ug/L	77

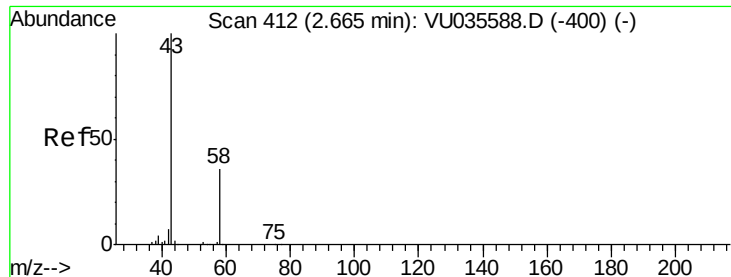
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.046 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

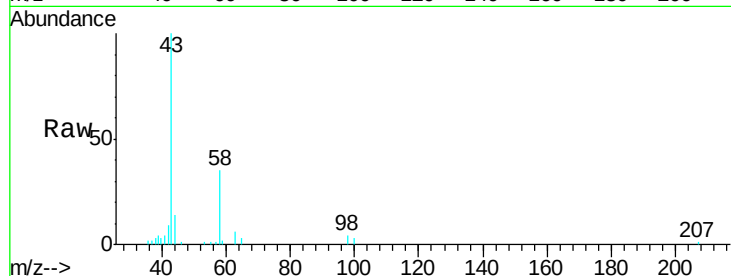
BE890

Tgt Ion: 43 Resp: 18898

Ion Ratio Lower Upper

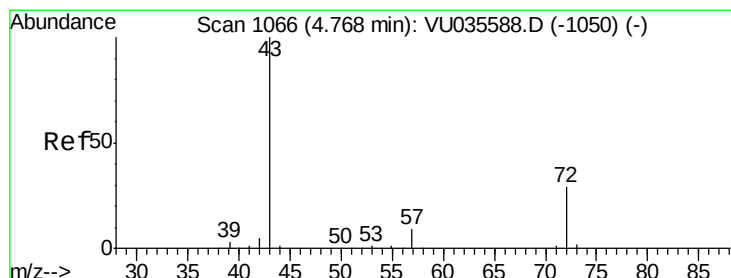
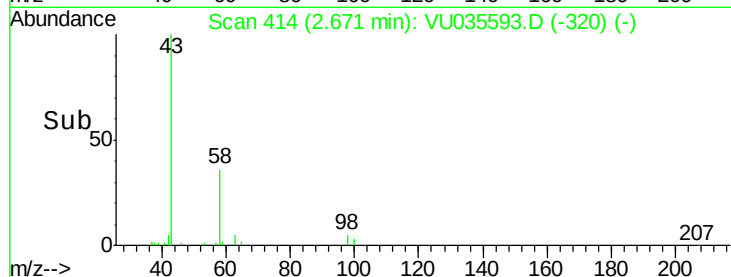
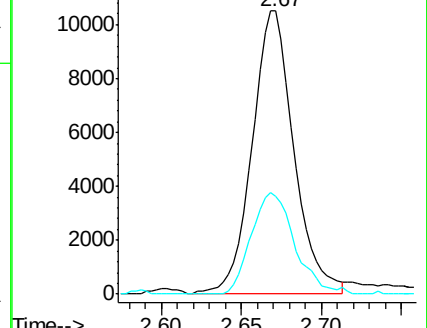
43 100

58 36.8 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU035588.D (-400) (-)

Ion 58.00 (57.70 to 58.70): VU035588.D (-400) (-)



#22

2-Butanone

Concen: 2.875 ug/L

RT: 4.77 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VU035593.D

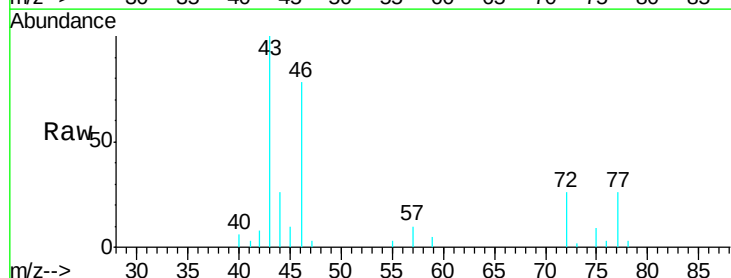
Acq: 01 Nov 2019 11:30

Tgt Ion: 43 Resp: 10178

Ion Ratio Lower Upper

43 100

72 14.8 13.5 40.4



Abundance Ion 43.00 (42.70 to 43.70): VU035588.D (-1050) (-)

Ion 72.00 (71.70 to 72.70): VU035588.D (-1050) (-)

