

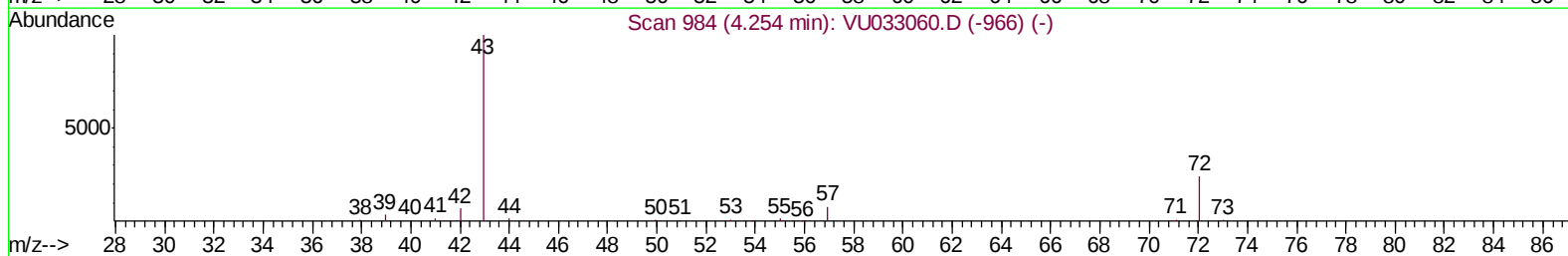
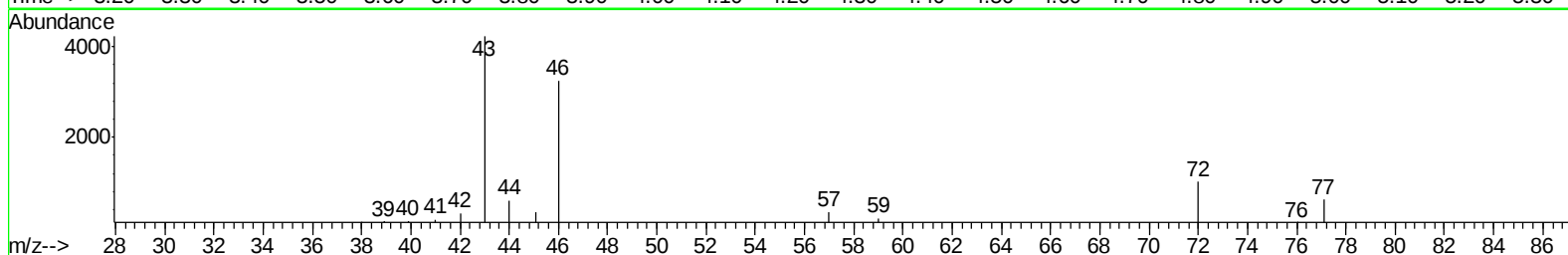
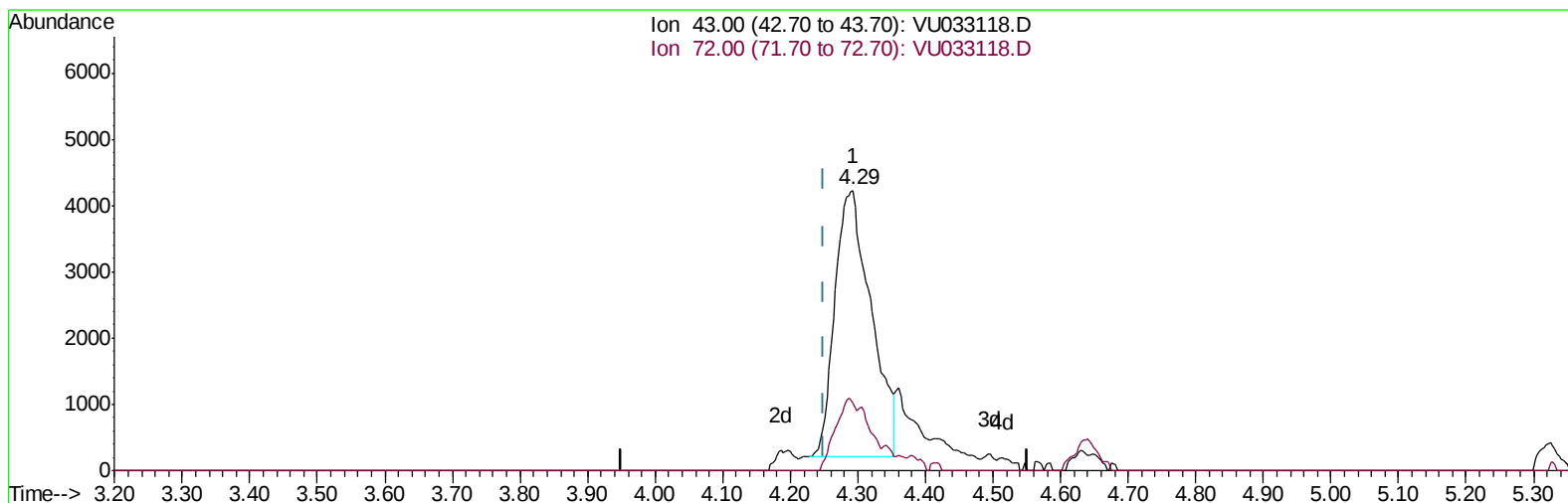
Data File : VU033118.D
Acq On : 01 Jul 2019 16:16
Operator : JC/SP
Sample : K3599-05
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM14

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:02:48 AM

Quant Time: Jul 02 04:22:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 04:16:18 2019
Response via : Initial Calibration



TIC: VU033118.D

(22) 2-Butanone (T)
4.293min (+0.042) 8.19ug/L
response 15008

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	15.56
0.00	0.00	0.00
0.00	0.00	0.00

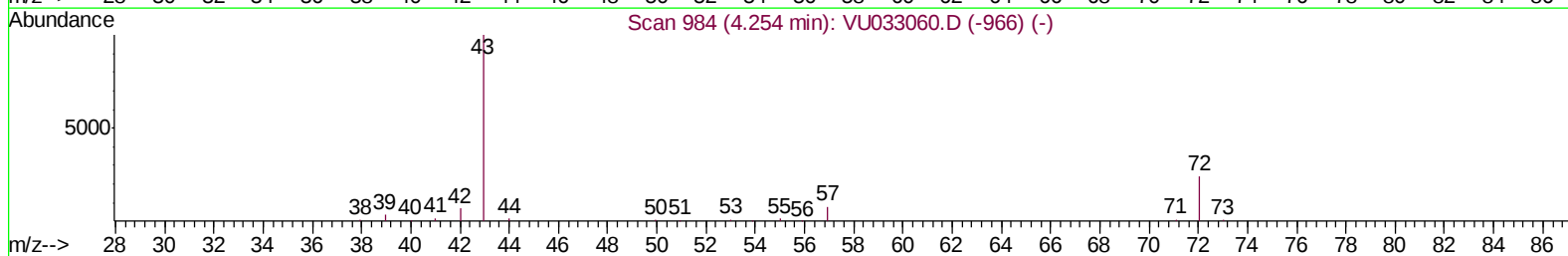
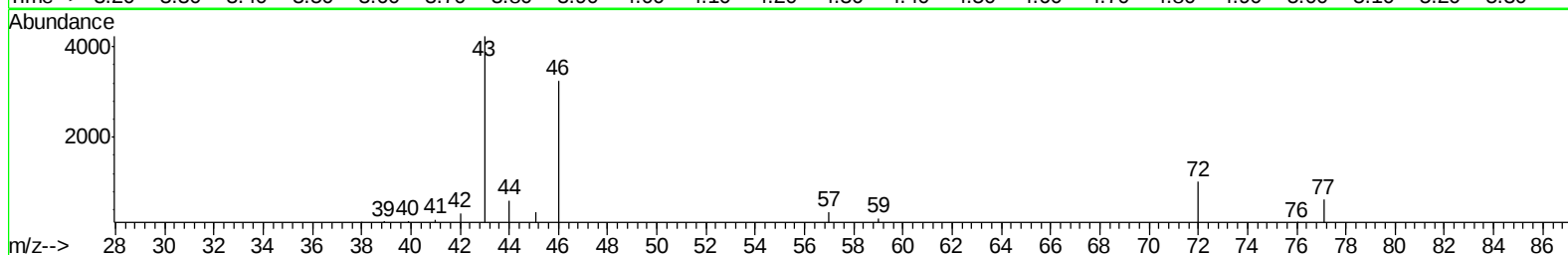
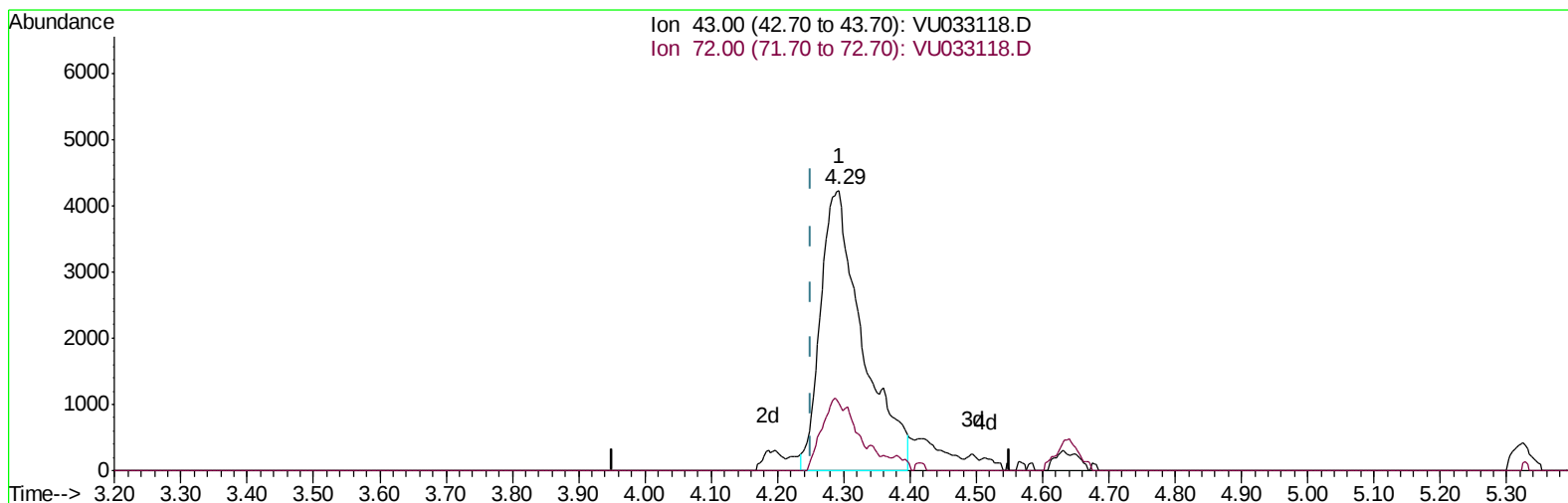
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TIC: VU033118.D

(22) 2-Butanone (T)
4.293min (+0.042) 10.16ug/L m
response 18624

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	12.54#
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Time: Jul 02 07:14:07 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	225120	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	224783	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110146	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	56814	36.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.86%
7) Chloroethane-d5	1.64	69	37547	30.60	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.20%#
11) 1,1-Dichloroethene-d2	2.22	63	99447	32.09	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.18%
21) 2-Butanone-d5	4.19	46	140099	109.41	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.41%
24) Chloroform-d	4.63	84	139711	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
26) 1,2-Dichloroethane-d4	5.30	65	101542	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.94%
32) Benzene-d6	5.32	84	266816	45.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.06%
36) 1,2-Dichloropropane-d6	6.32	67	89527	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.92%
41) Toluene-d8	7.56	98	238817	43.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.04%
43) trans-1,3-Dichloropropene-	7.85	79	41796	43.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.08%
47) 2-Hexanone-d5	8.32	63	85665	98.28	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	139633	48.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	98533	46.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.46%

Target Compounds					Qvalue
22) 2-Butanone	4.29	43	18624m	10.159	ug/L

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

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