

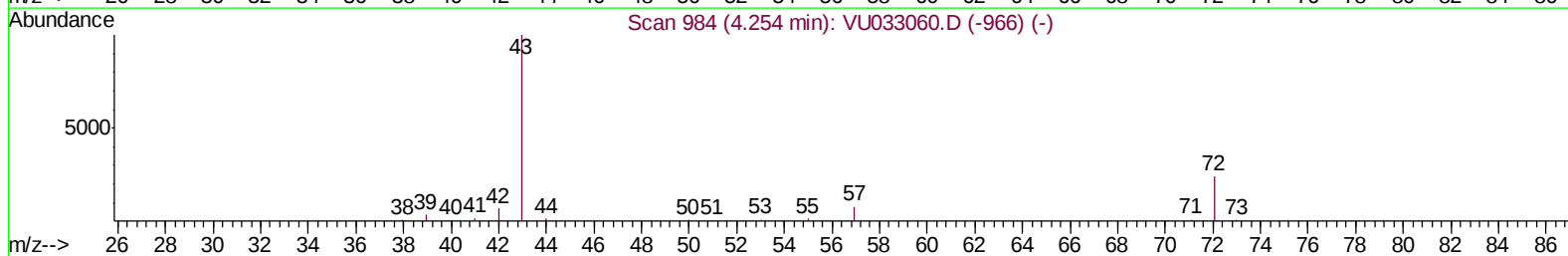
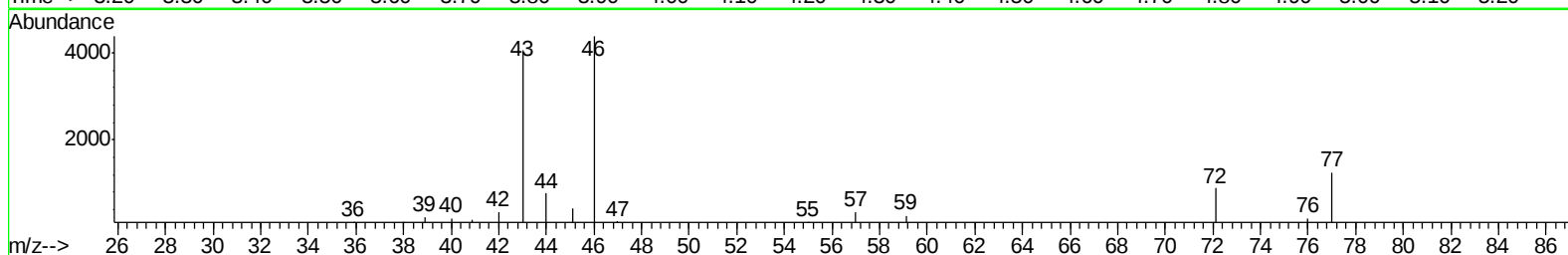
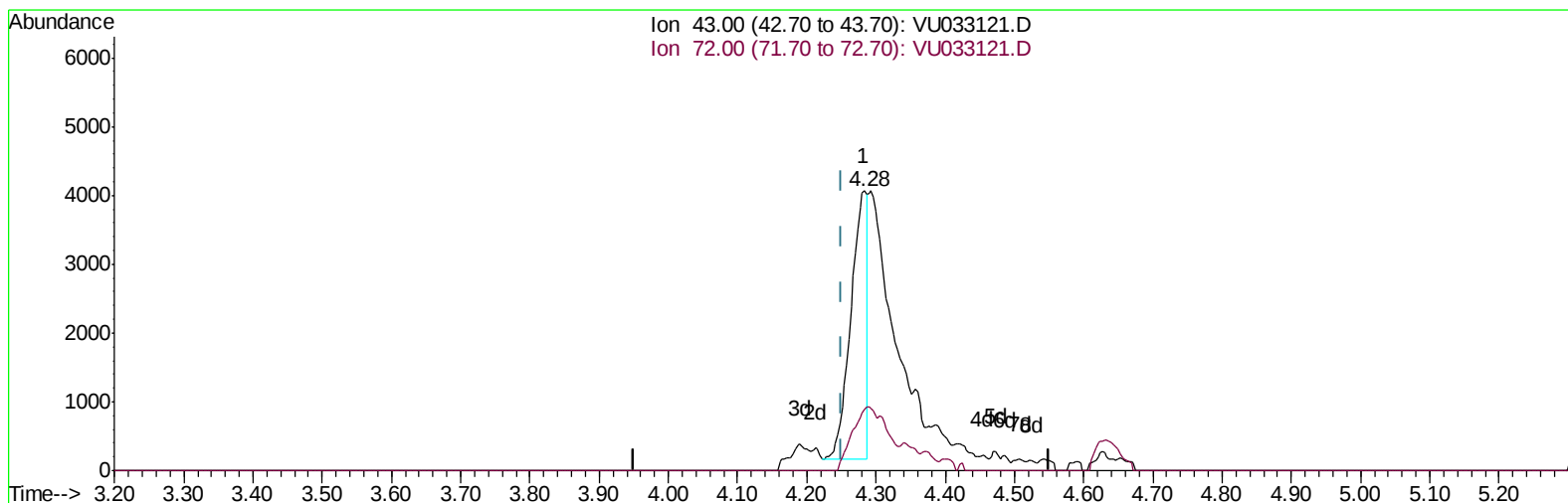
Data File : VU033121.D
Acq On : 01 Jul 2019 17:47
Operator : JC/SP
Sample : K3599-08
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM17

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:03:07 AM

Quant Time: Jul 02 04:22:30 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: VU033121.D

(22) 2-Butanone (T)
4.283min (+0.032) 3.45ug/L

response 6325

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	35.11
0.00	0.00	0.00
0.00	0.00	0.00

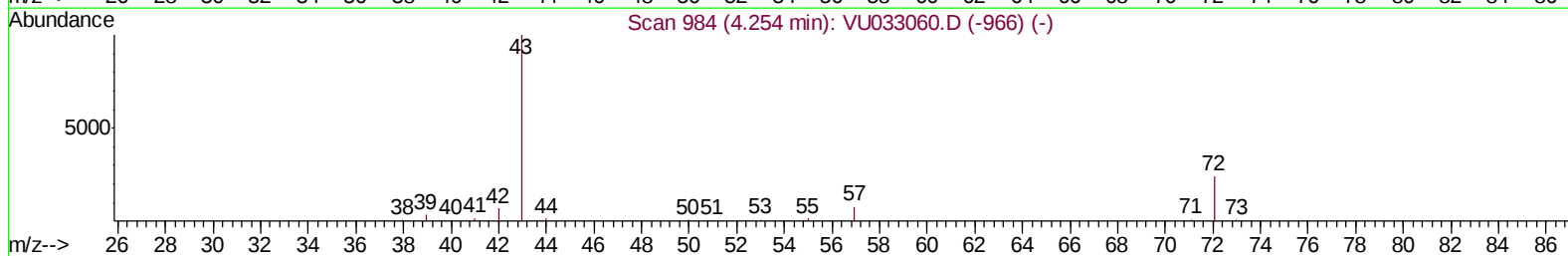
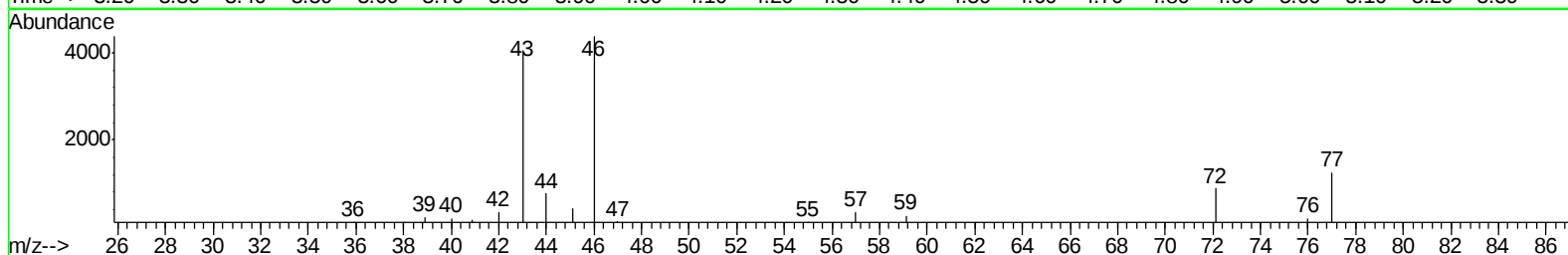
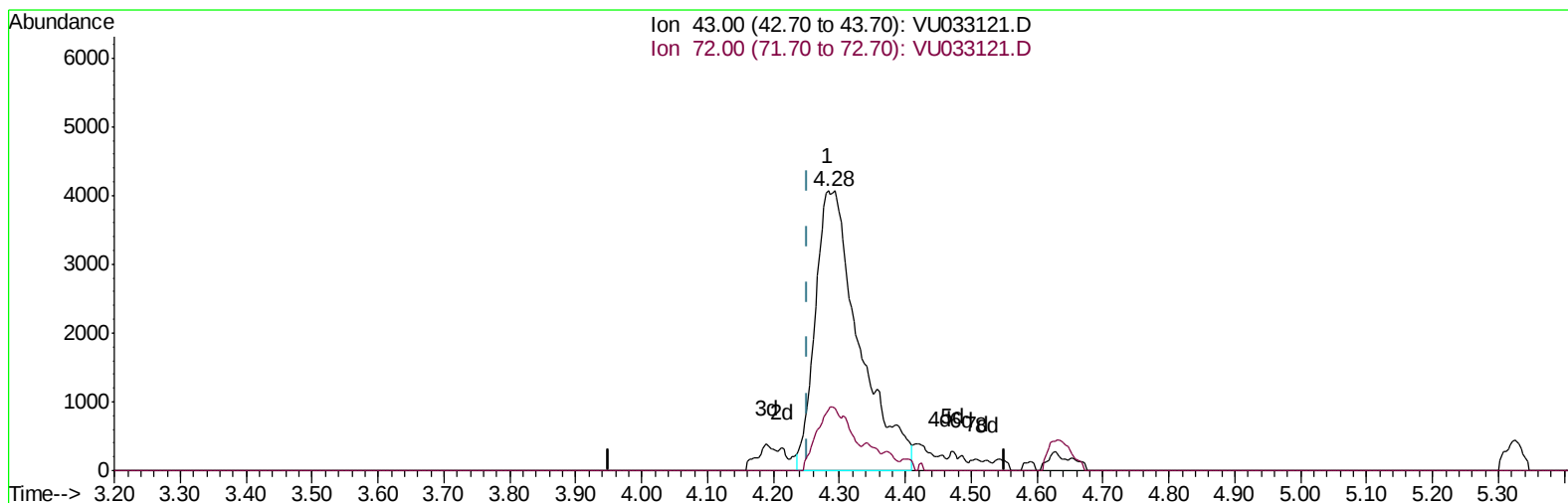
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TIC: VU033121.D

(22) 2-Butanone (T)

4.283min (+0.032) 10.26ug/L m

response 18806

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	11.81#
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	225110	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	223704	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	112275	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	54679	35.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.08%
7) Chloroethane-d5	1.64	69	37680	30.71	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.42%#
11) 1,1-Dichloroethene-d2	2.22	63	95787	30.91	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.82%
21) 2-Butanone-d5	4.19	46	145279	113.46	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.46%
24) Chloroform-d	4.63	84	138294	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	5.30	65	101275	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
32) Benzene-d6	5.32	84	260909	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
36) 1,2-Dichloropropane-d6	6.32	67	89455	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.30%
41) Toluene-d8	7.56	98	235478	43.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.24%
43) trans-1,3-Dichloropropene-	7.85	79	42577	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.12%
47) 2-Hexanone-d5	8.32	63	88920	102.51	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	144674	50.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	99176	45.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.30%

Target Compounds					Qvalue
22) 2-Butanone	4.28	43	18806m	10.259	ug/L

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

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