

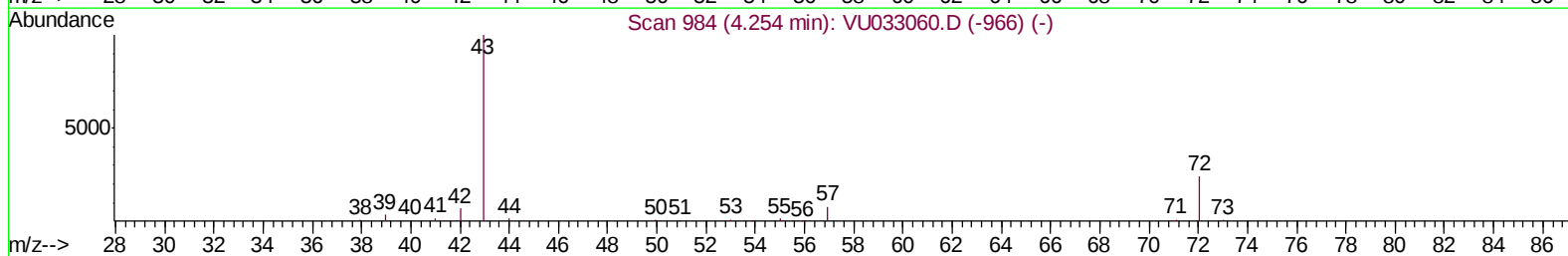
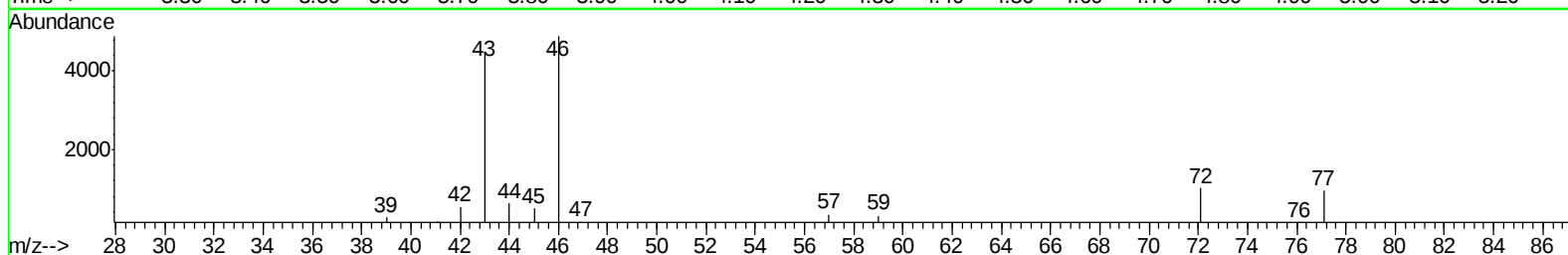
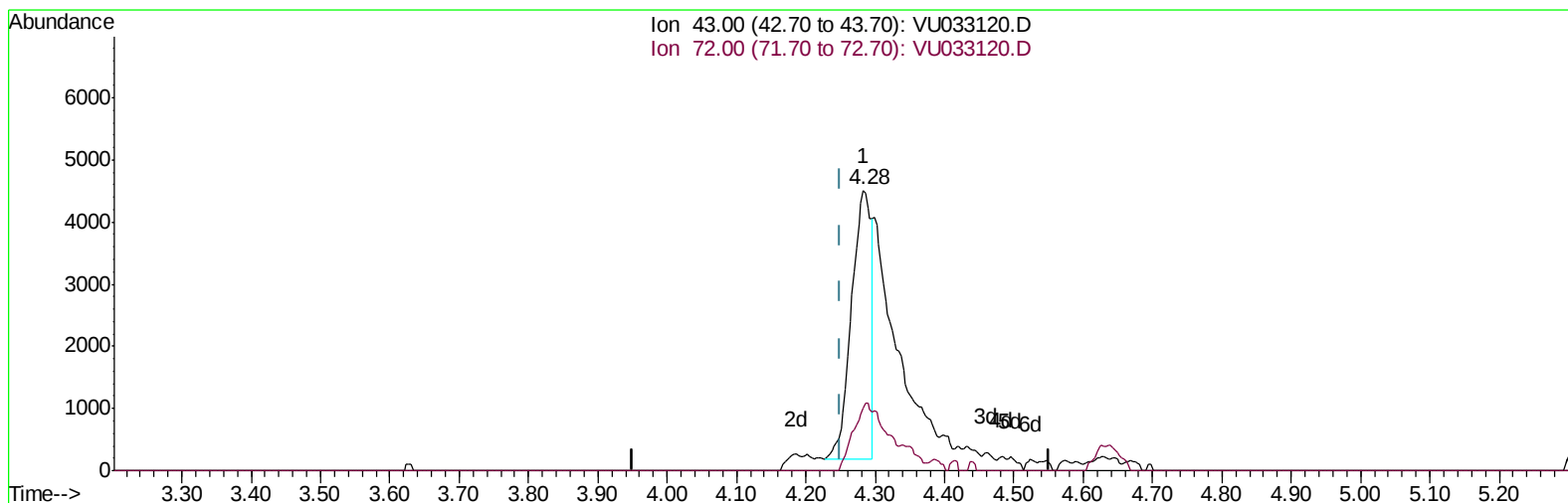
Data File : VU033120.D
Acq On : 01 Jul 2019 17:24
Operator : JC/SP
Sample : K3599-07
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM16

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:03:00 AM

Quant Time: Jul 02 04:22:23 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: VU033120.D

(22) 2-Butanone (T)
4.283min (+0.032) 4.65ug/L
response 8592

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	23.09
0.00	0.00	0.00
0.00	0.00	0.00

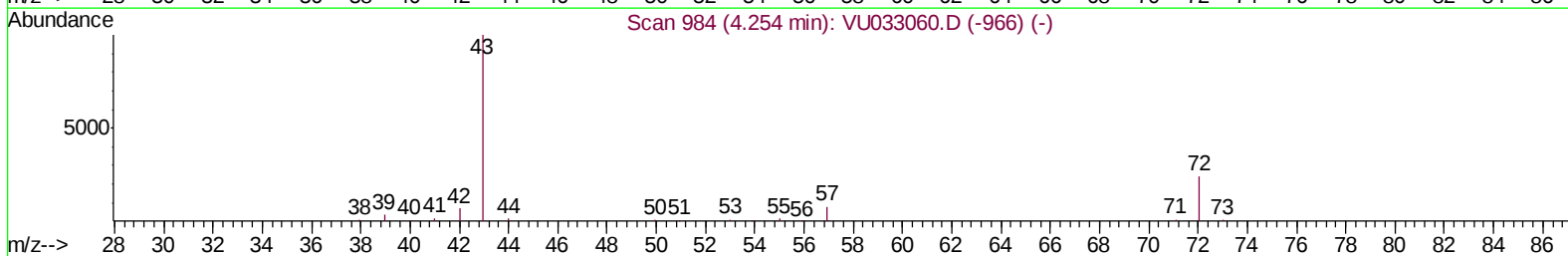
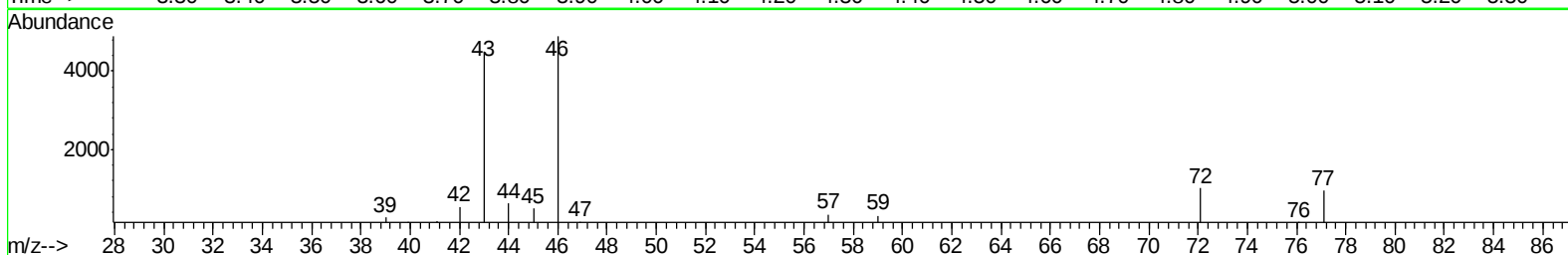
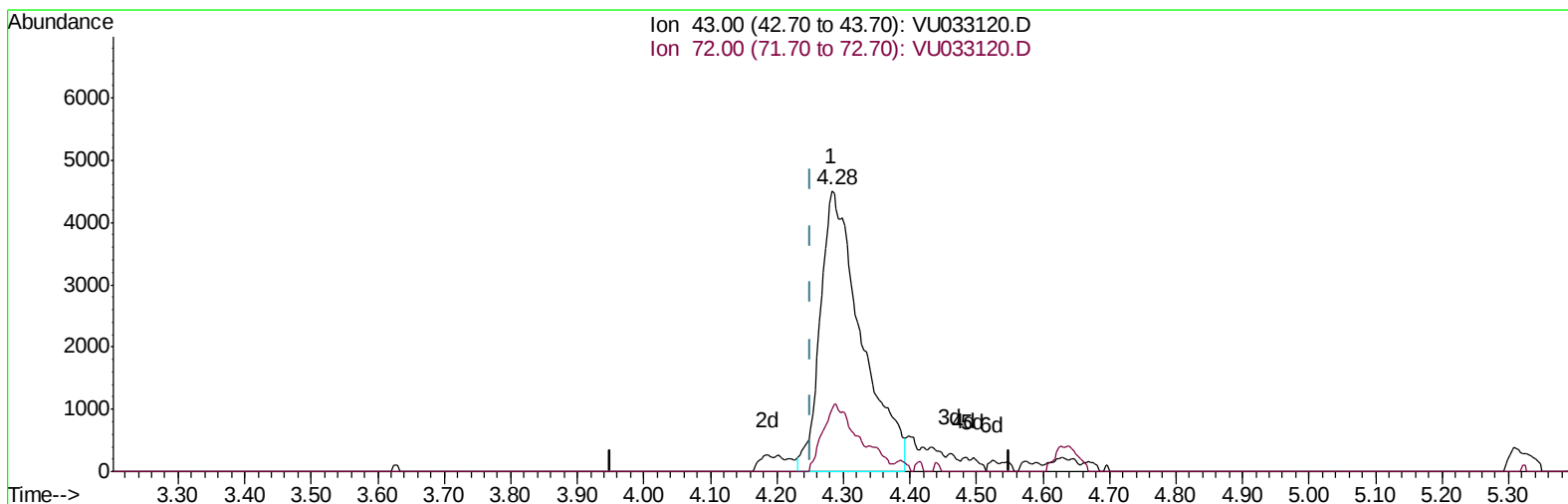
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TIC: VU033120.D

(22) 2-Butanone (T)

4.283min (+0.032) 10.52ug/L m

response 19445

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	10.20#
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Time: Jul 02 07:18:28 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	226973	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	223391	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110781	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	53809	34.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.38%
7) Chloroethane-d5	1.64	69	35477	28.68	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	57.36%#
11) 1,1-Dichloroethene-d2	2.22	63	97387	31.16	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.32%
21) 2-Butanone-d5	4.19	46	145005	112.31	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.31%
24) Chloroform-d	4.63	84	138624	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
26) 1,2-Dichloroethane-d4	5.30	65	101244	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
32) Benzene-d6	5.32	84	261328	44.88	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.76%
36) 1,2-Dichloropropane-d6	6.32	67	87679	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.52%
41) Toluene-d8	7.56	98	236483	43.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.72%
43) trans-1,3-Dichloropropene-	7.85	79	42296	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.66%
47) 2-Hexanone-d5	8.32	63	88742	102.45	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	142675	49.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	99190	46.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.54%

Target Compounds					Qvalue
22) 2-Butanone	4.28	43	19445m	10.520	ug/L

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

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