

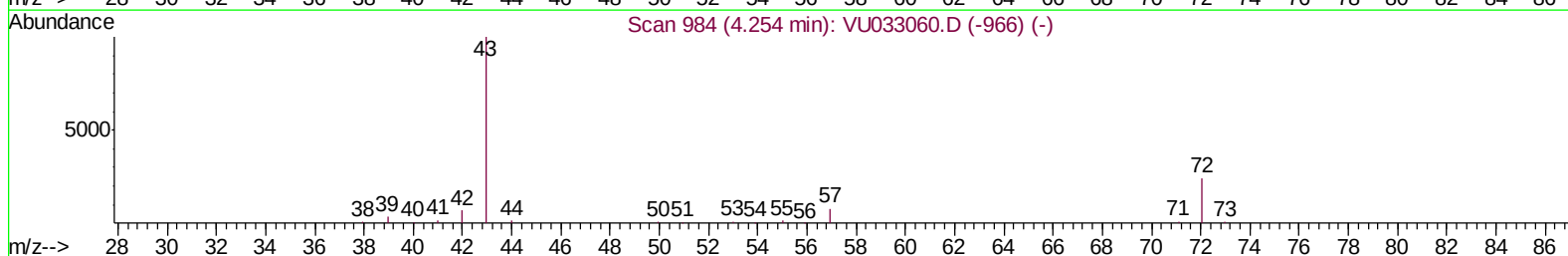
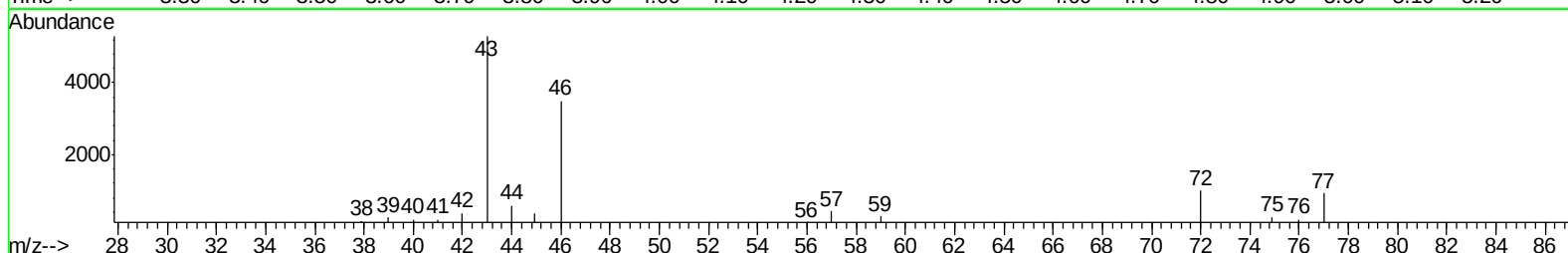
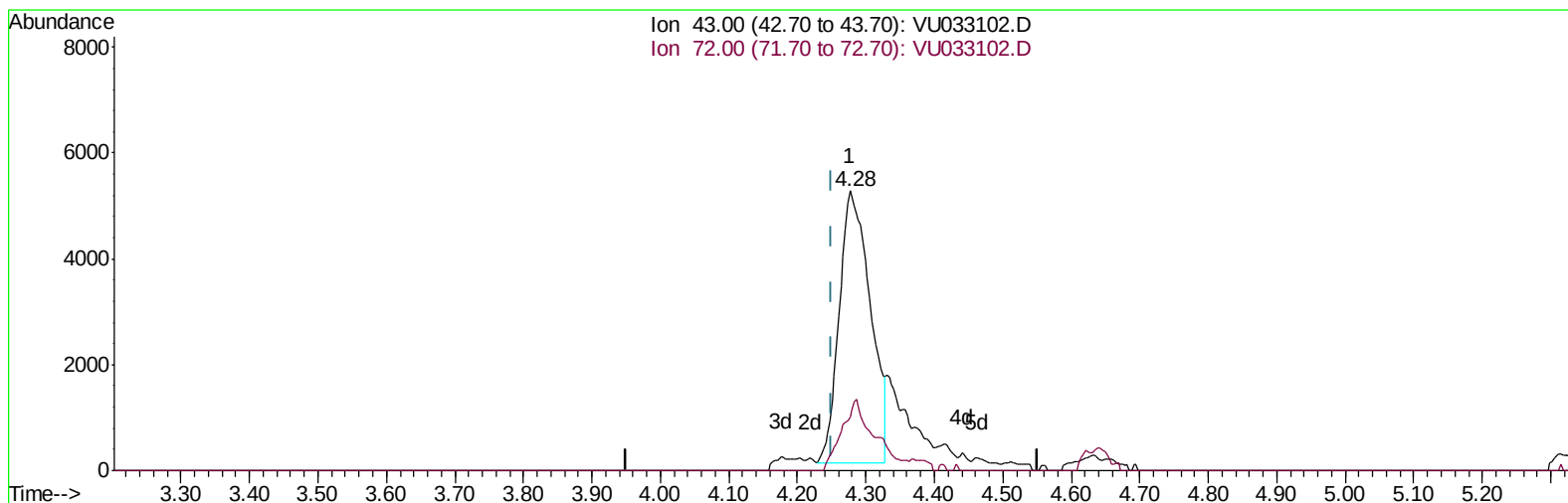
Data File : VU033102.D
Acq On : 01 Jul 2019 10:08
Operator : JC/SP
Sample : K3599-12
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM21

Manual Integrations
APPROVED

MMDadoda
7/3/2019 8:56:58 AM

Quant Time: Jul 02 04:19:15 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: VU033102.D

(22) 2-Butanone (T)
4.276min (+0.025) 10.52ug/L

response 16333

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	21.55
0.00	0.00	0.00
0.00	0.00	0.00

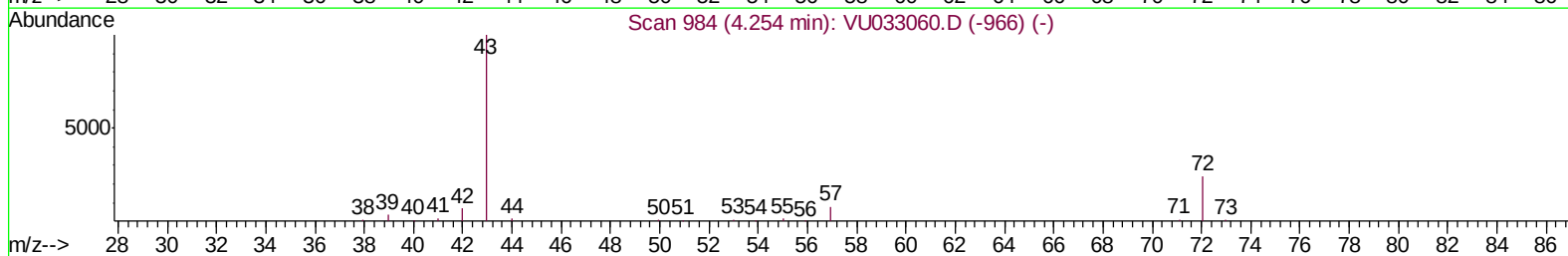
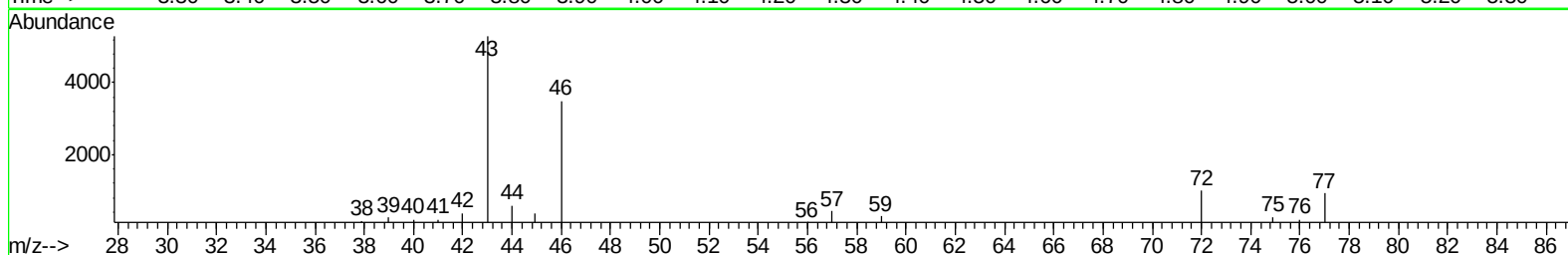
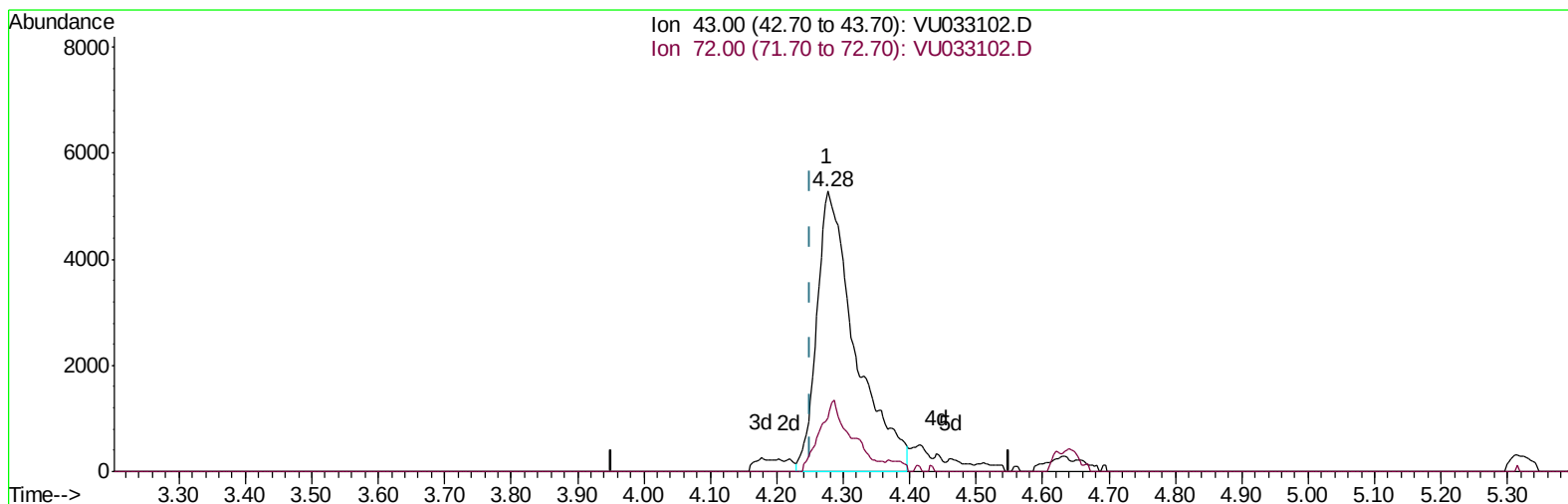
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TIC: VU033102.D

(22) 2-Butanone (T)

4.276min (+0.025) 13.71ug/L m

response 21285

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	16.53
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	190630	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	193000	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97070	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52073	39.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.94%
7) Chloroethane-d5	1.64	69	38658	37.21	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.42%
11) 1,1-Dichloroethene-d2	2.22	63	90844	34.61	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.22%
21) 2-Butanone-d5	4.19	46	111972	103.26	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.26%
24) Chloroform-d	4.63	84	119978	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
26) 1,2-Dichloroethane-d4	5.30	65	85882	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.82%
32) Benzene-d6	5.32	84	227995	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
36) 1,2-Dichloropropane-d6	6.32	67	77476	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.68%
41) Toluene-d8	7.56	98	206646	43.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.72%
43) trans-1,3-Dichloropropene-	7.85	79	37872	45.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.86%
47) 2-Hexanone-d5	8.32	63	67307	89.94	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	121921	49.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	88229	46.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.94%

Target Compounds					Qvalue
22) 2-Butanone	4.28	43	21285m	13.711	ug/L

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

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