

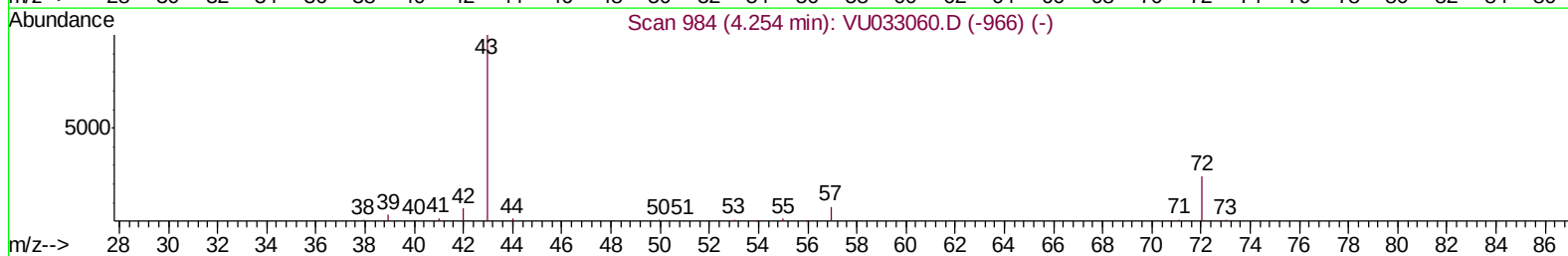
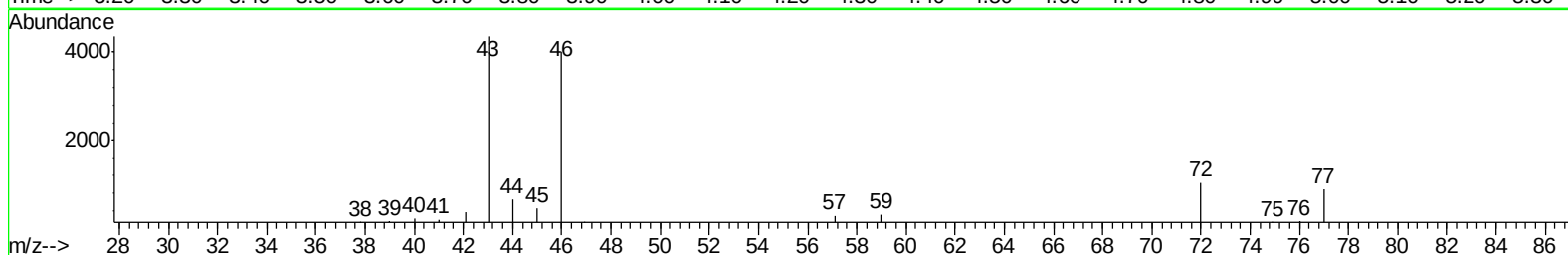
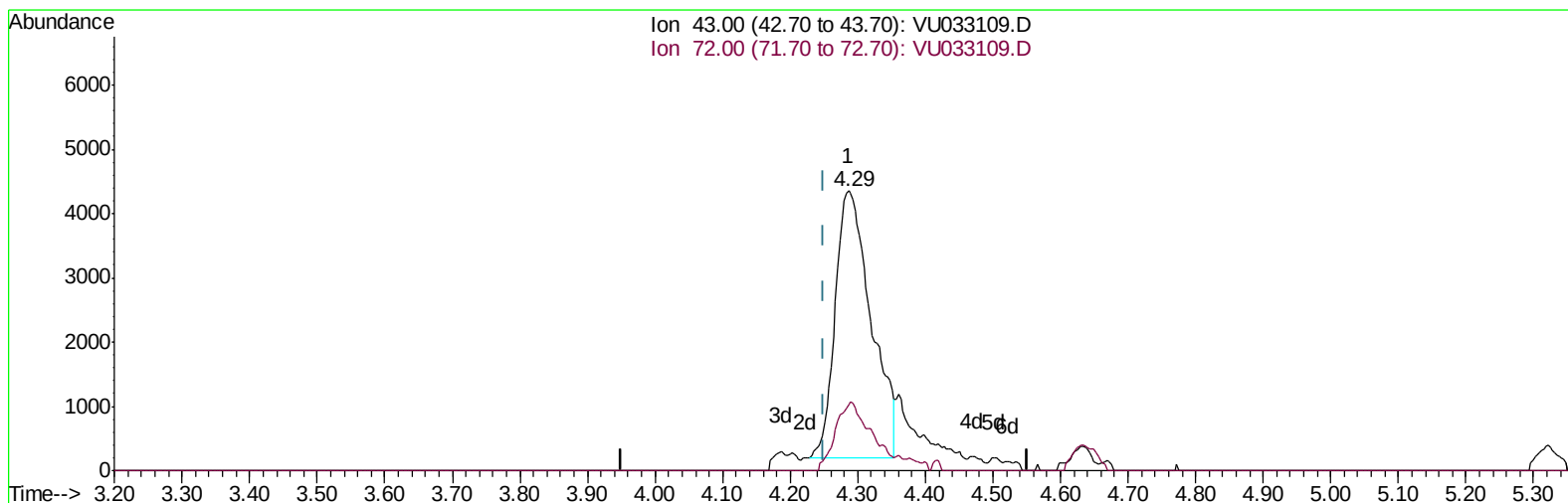
Data File : VU033109.D
Acq On : 01 Jul 2019 12:49
Operator : JC/SP
Sample : K3599-21
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM28

Manual Integrations
APPROVED

MMDadoda
7/3/2019 8:59:52 AM

Quant Time: Jul 02 04:20:36 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: VU033109.D

(22) 2-Butanone (T)
4.286min (+0.035) 8.95ug/L

response 15425

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	18.66
0.00	0.00	0.00
0.00	0.00	0.00

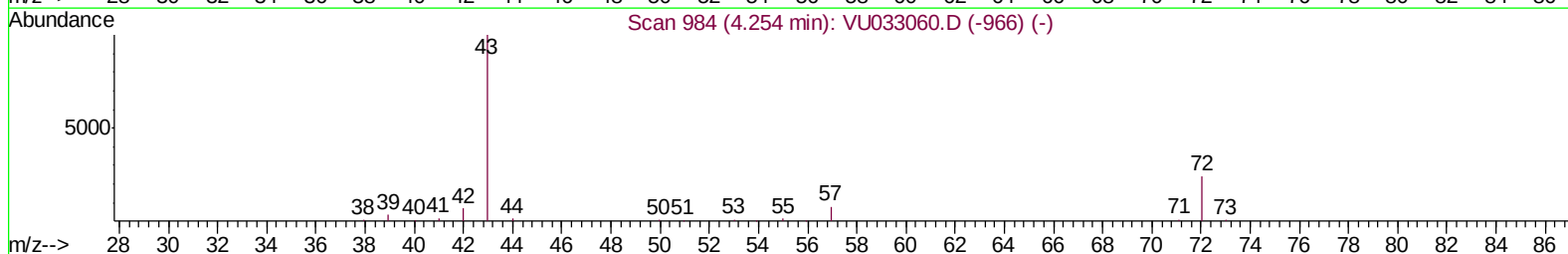
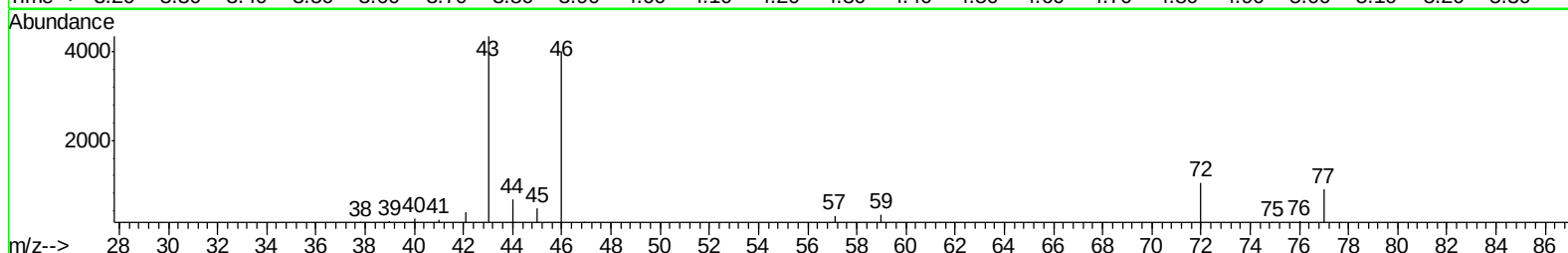
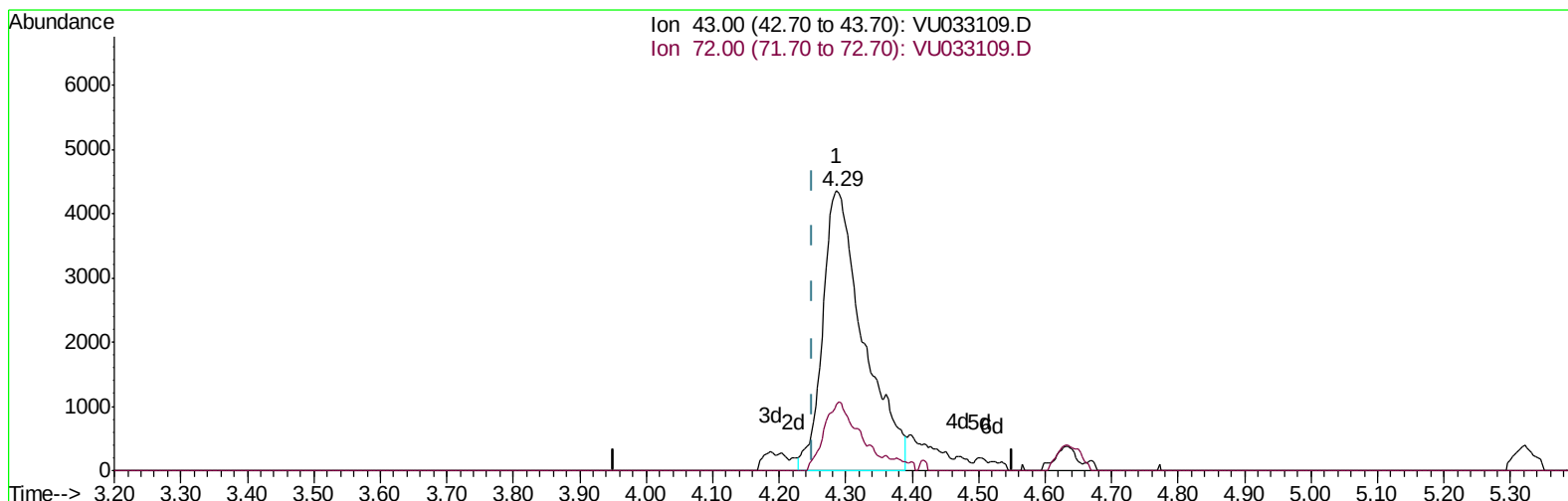
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TIC: VU033109.D

(22) 2-Butanone (T)

4.286min (+0.035) 10.82ug/L m

response 18631

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	15.45
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Time: Jul 02 06:51:28 2019
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QLast Update : Tue Jul 02 04:16:18 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	211548	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	213582	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103958	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	58093	40.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.36%
7) Chloroethane-d5	1.64	69	40583	35.20	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.40%
11) 1,1-Dichloroethene-d2	2.22	63	101218	34.75	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.50%
21) 2-Butanone-d5	4.19	46	134970	112.16	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.16%
24) Chloroform-d	4.63	84	139205	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.06%
26) 1,2-Dichloroethane-d4	5.30	65	99286	53.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.06%
32) Benzene-d6	5.32	84	265198	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
36) 1,2-Dichloropropane-d6	6.32	67	89208	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.60%
41) Toluene-d8	7.56	98	238617	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%
43) trans-1,3-Dichloropropene-	7.85	79	41936	45.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.90%
47) 2-Hexanone-d5	8.32	63	83105	100.35	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.35%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	139683	50.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	96925	48.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.36%

Target Compounds					Qvalue
22) 2-Butanone	4.29	43	18631m	10.815	ug/L

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

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