

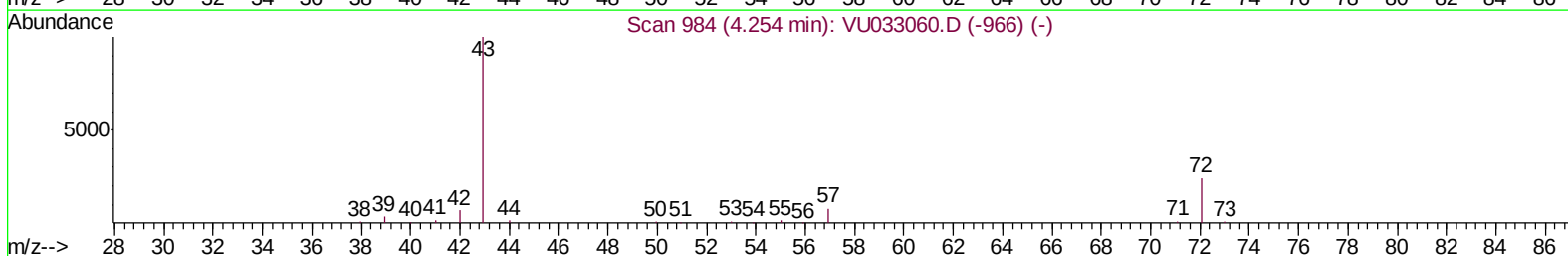
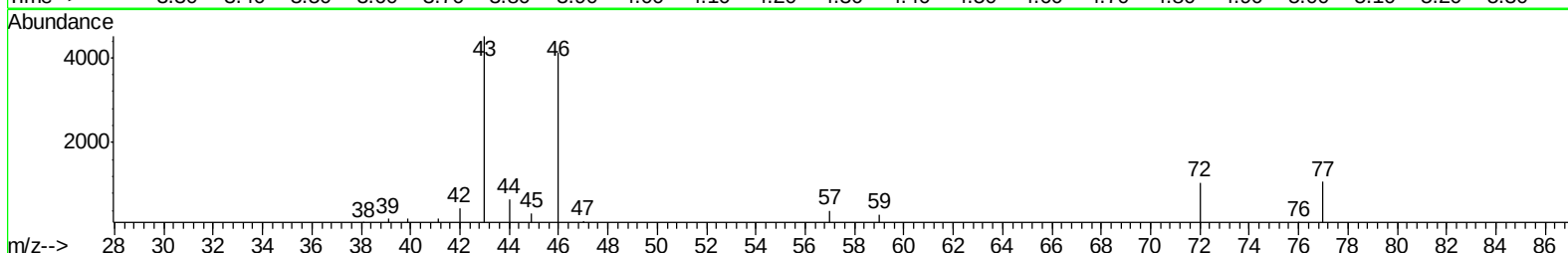
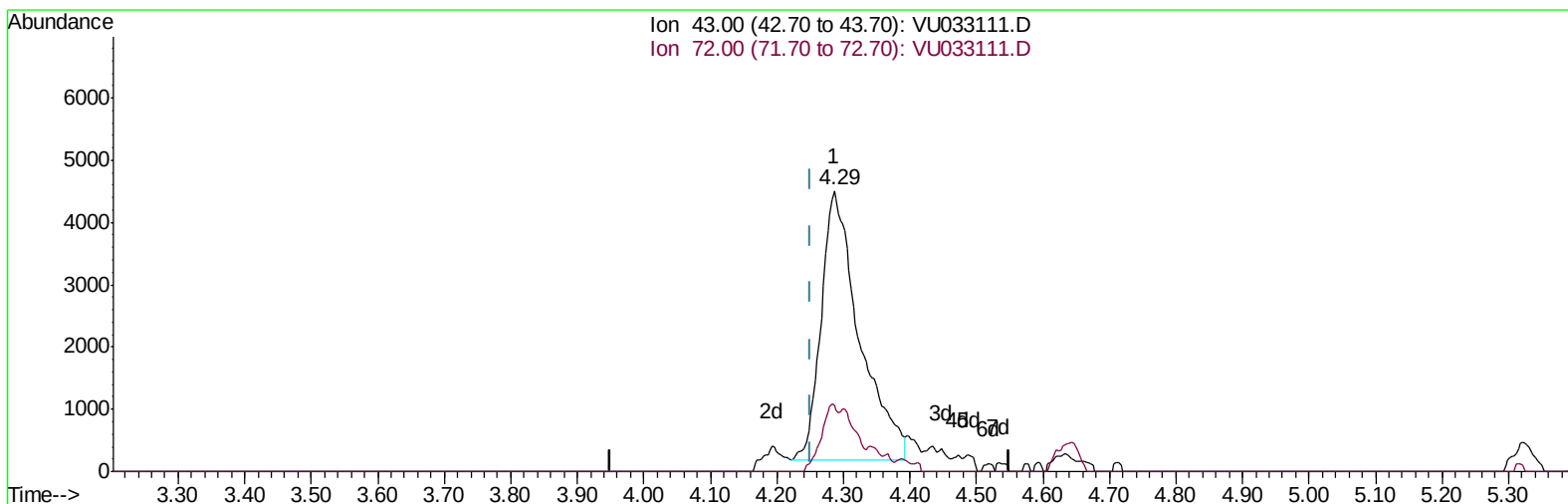
Data File : VU033111.D
Acq On : 01 Jul 2019 13:35
Operator : JC/SP
Sample : K3599-11
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM20

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:00:01 AM

Quant Time: Jul 02 04:20:54 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: VU033111.D

(22) 2-Butanone (T)
4.286min (+0.035) 9.27ug/L
response 17281

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	11.06#
0.00	0.00	0.00
0.00	0.00	0.00

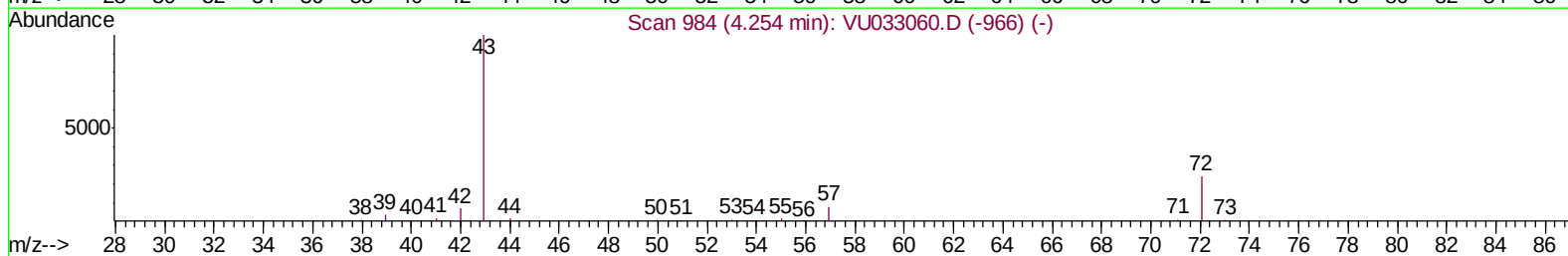
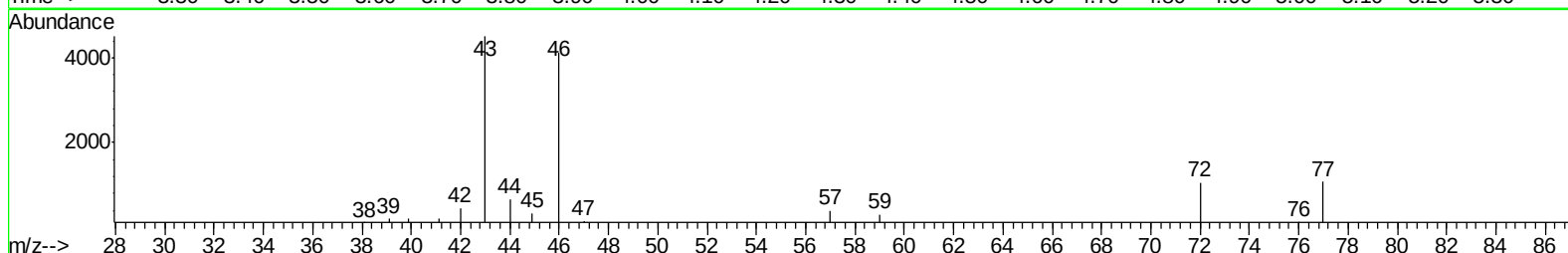
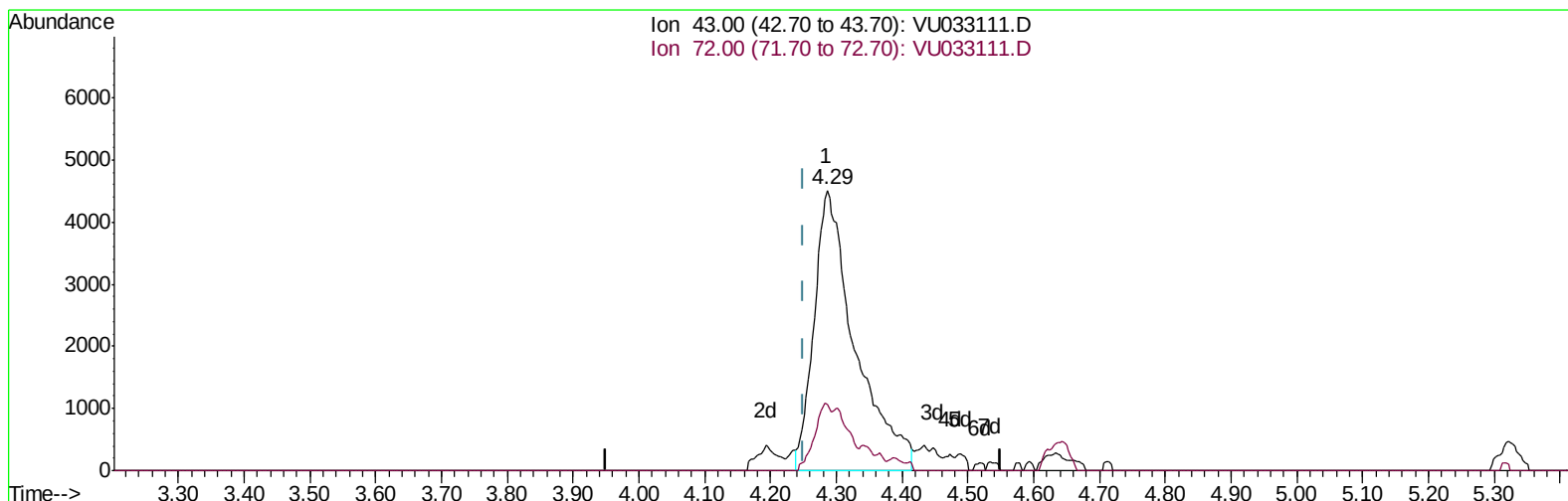
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TIC: VU033111.D

(22) 2-Butanone (T)

4.286min (+0.035) 10.51ug/L m

response 19586

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	9.76#
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Time: Jul 02 06:57:24 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	228894	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	228086	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	113522	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60166	38.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.92%
7) Chloroethane-d5	1.64	69	43112	34.56	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.12%#
11) 1,1-Dichloroethene-d2	2.22	63	106348	33.75	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.50%
21) 2-Butanone-d5	4.19	46	148683	114.20	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.20%
24) Chloroform-d	4.63	84	147851	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	5.30	65	105908	52.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.56%
32) Benzene-d6	5.32	84	281052	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
36) 1,2-Dichloropropane-d6	6.32	67	94353	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.62%
41) Toluene-d8	7.56	98	253426	45.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.02%
43) trans-1,3-Dichloropropene-	7.85	79	44613	45.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.56%
47) 2-Hexanone-d5	8.32	63	91537	103.50	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	148584	50.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	106444	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%

Target Compounds					Qvalue
22) 2-Butanone	4.29	43	19586m	10.508	ug/L

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

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