

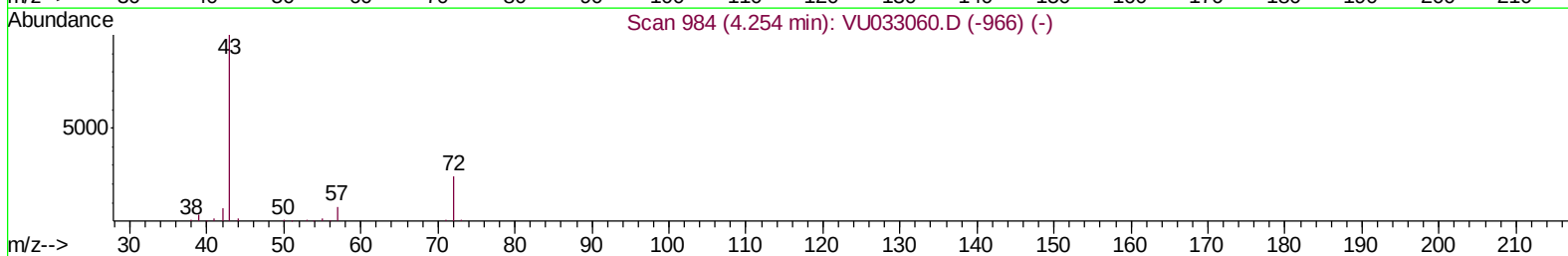
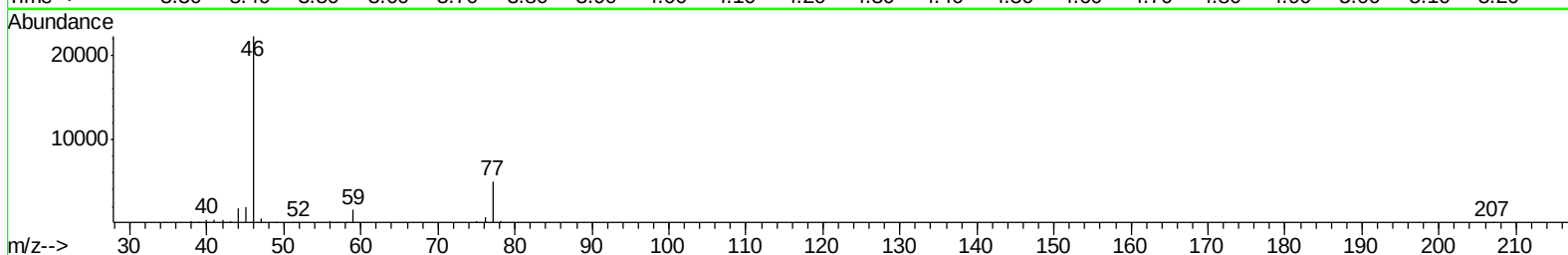
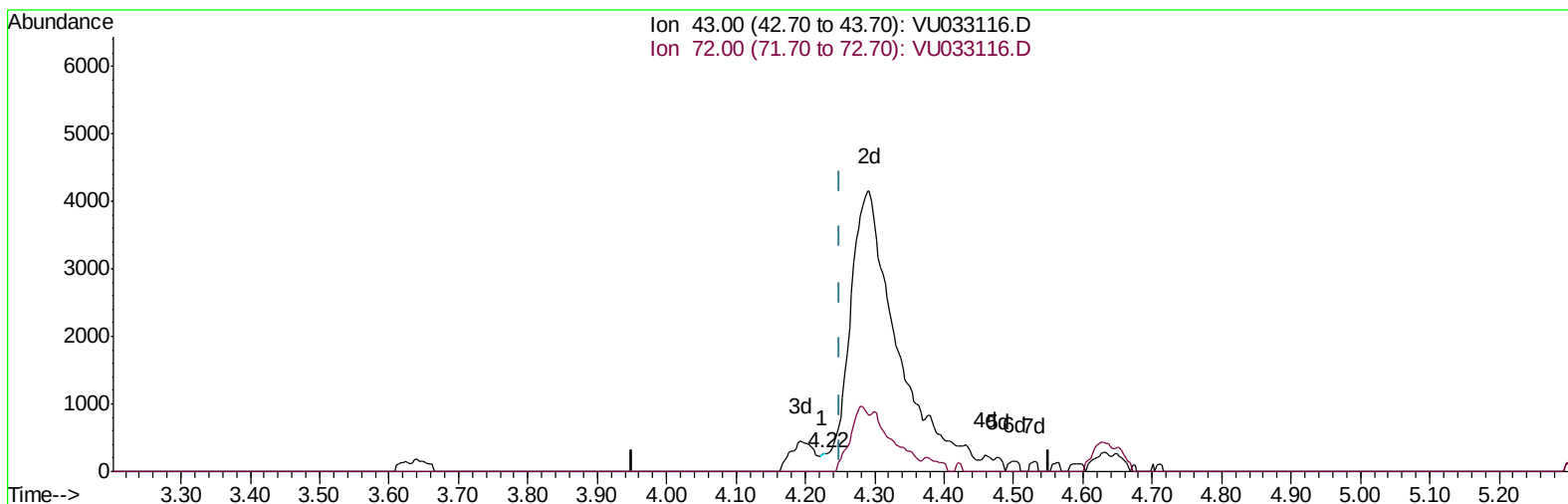
Data File : VU033116.D
Acq On : 01 Jul 2019 15:30
Operator : JC/SP
Sample : K3599-03
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM12

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:02:40 AM

Quant Time: Jul 02 04:21:47 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: VU033116.D

(22) 2-Butanone (T)
4.225min (-0.026) 0.00ug/L

response 9

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

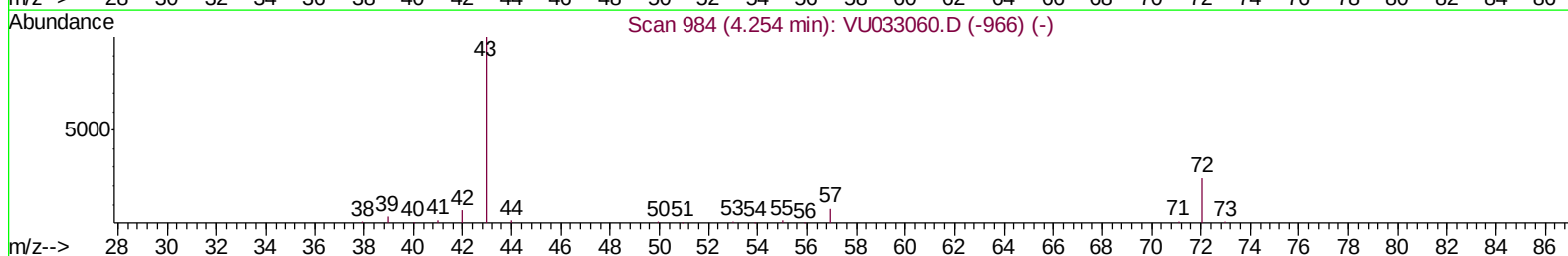
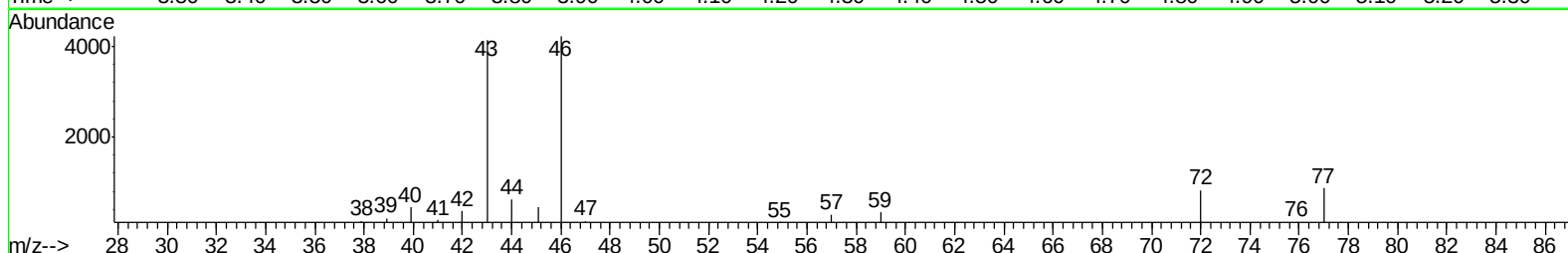
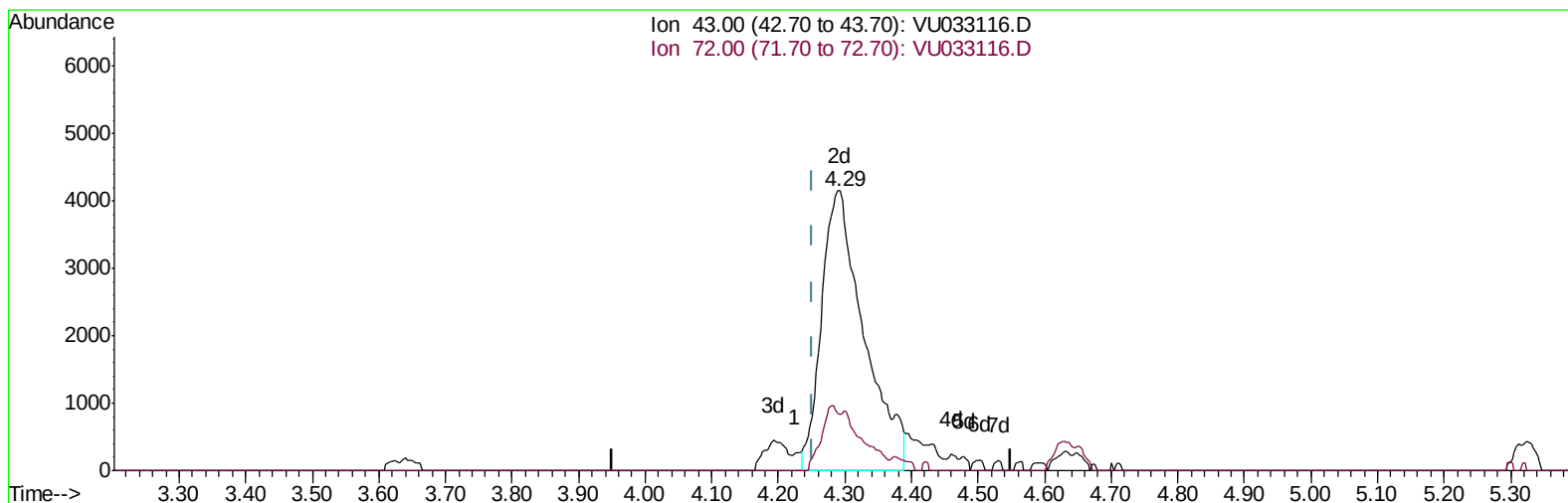
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TIC: VU033116.D

(22) 2-Butanone (T)
4.292min (+0.041) 8.96ug/L m
response 18359

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

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Quant Time: Jul 02 07:09:55 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	251569	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	251029	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	125607	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	68490	39.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.68%
7) Chloroethane-d5	1.64	69	44566	32.50	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.00%#
11) 1,1-Dichloroethene-d2	2.22	63	122508	35.37	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.74%
21) 2-Butanone-d5	4.19	46	175453	122.61	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.61%
24) Chloroform-d	4.63	84	171348	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.54%
26) 1,2-Dichloroethane-d4	5.30	65	124758	56.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.08%
32) Benzene-d6	5.32	84	329538	50.36	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
36) 1,2-Dichloropropane-d6	6.32	67	110266	52.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.80%
41) Toluene-d8	7.56	98	297331	48.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.04%
43) trans-1,3-Dichloropropene-	7.85	79	52348	48.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.54%
47) 2-Hexanone-d5	8.32	63	109048	112.03	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	174160	54.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	126137	51.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.78%

Target Compounds					Qvalue
22) 2-Butanone	4.29	43	18359m	8.962	ug/L

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

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