

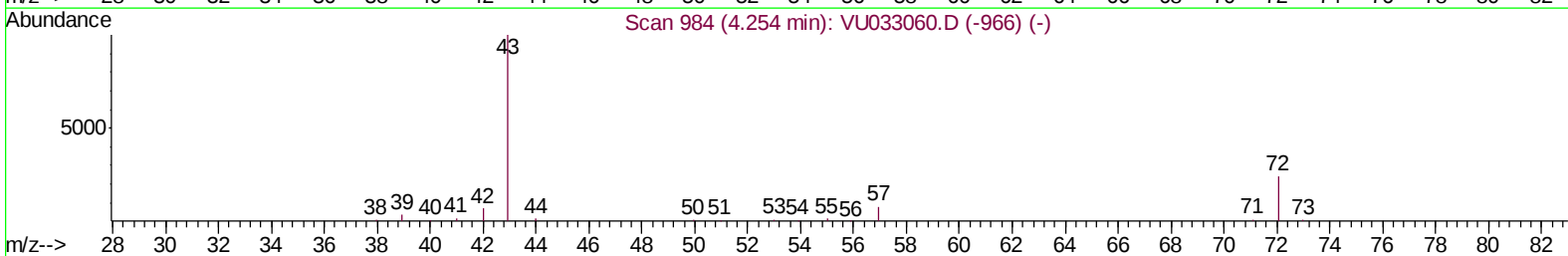
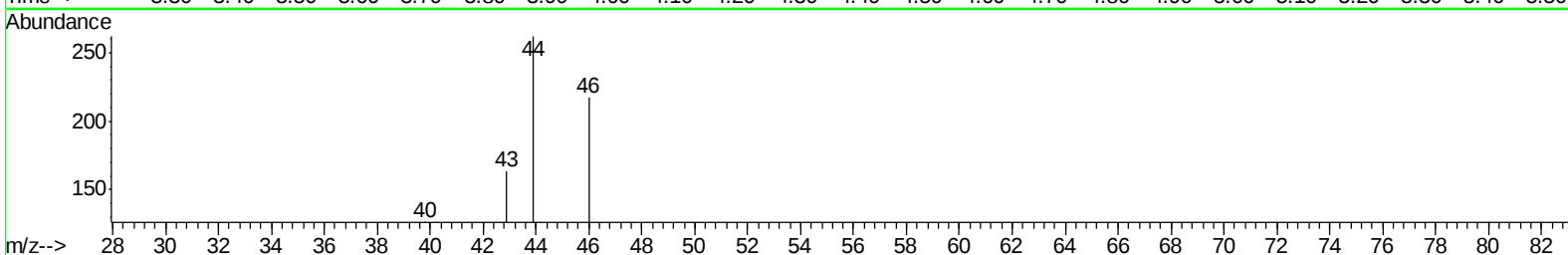
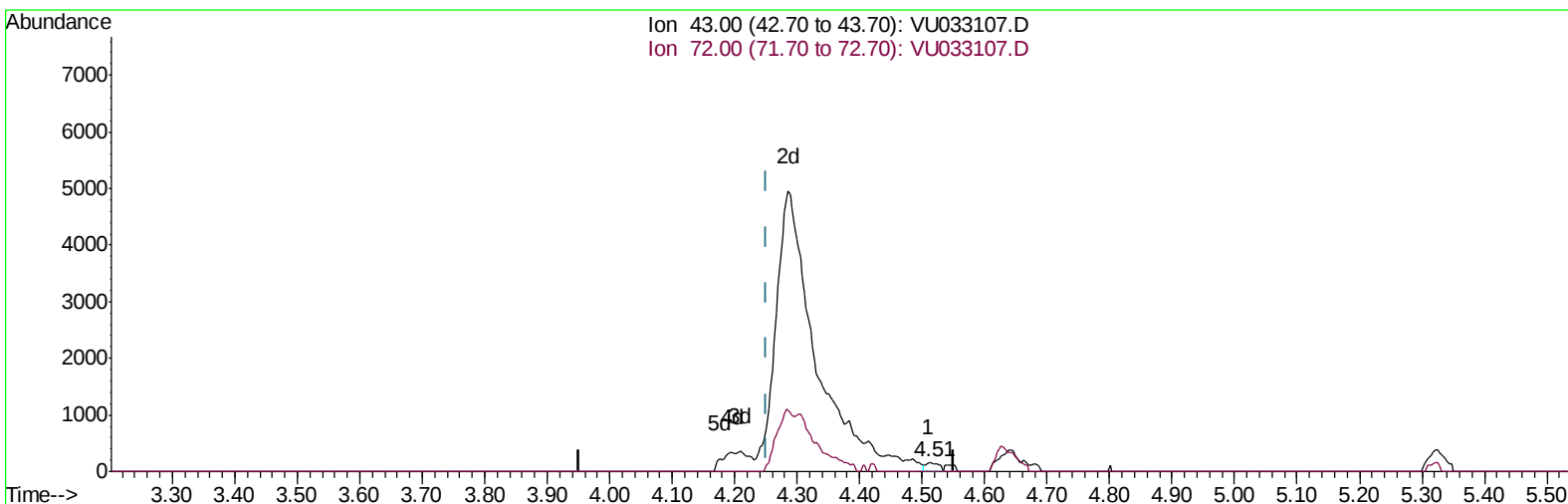
Data File : VU033107.D
Acq On : 01 Jul 2019 12:03
Operator : JC/SP
Sample : K3599-17
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM26

Manual Integrations
APPROVED

MMDadoda
7/3/2019 8:59:40 AM

Quant Time: Jul 02 04:20:16 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: VU033107.D

(22) 2-Butanone (T)
4.511min (+0.260) 0.14ug/L
response 232

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	31.03
0.00	0.00	0.00
0.00	0.00	0.00

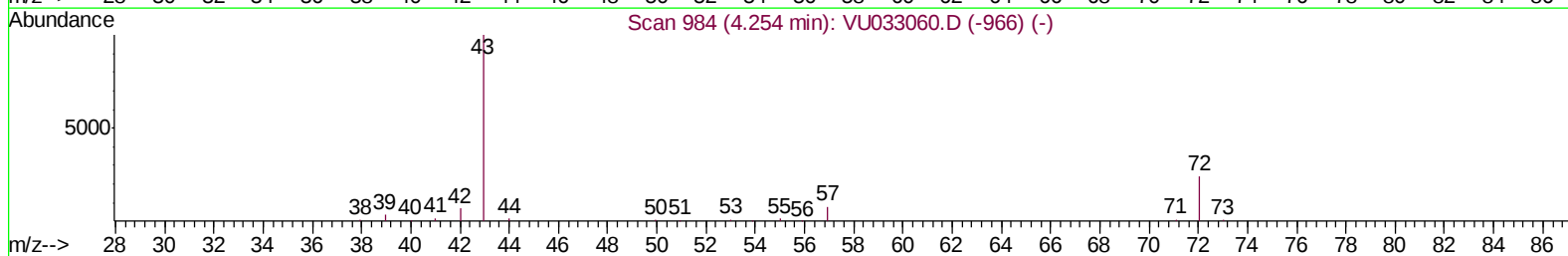
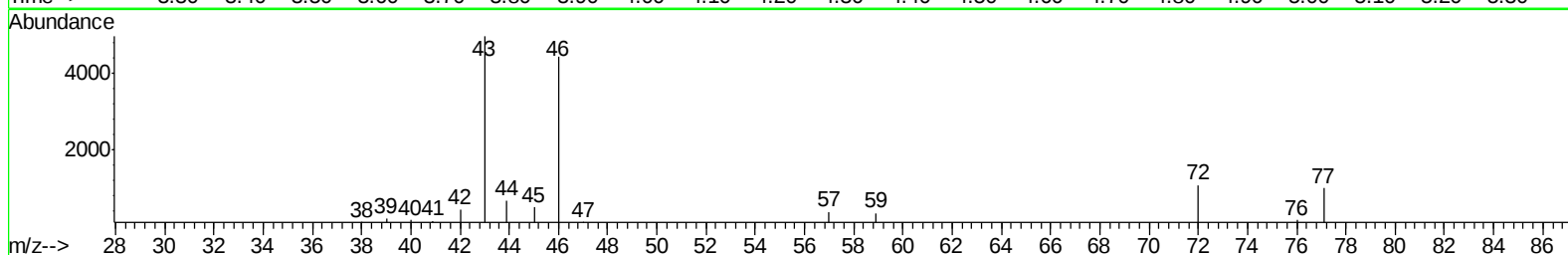
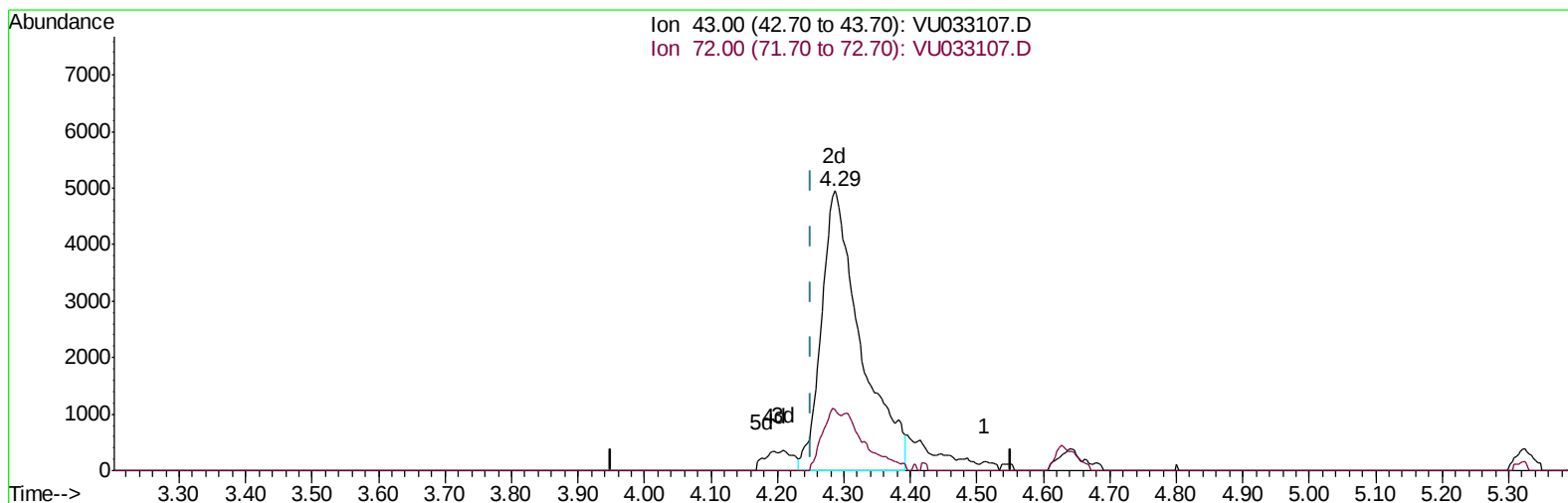
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TIC: VU033107.D

(22) 2-Butanone (T)
4.286min (+0.035) 12.00ug/L m

response 20370

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	0.35#
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Time: Jul 02 06:00:35 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	208501	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	210408	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105063	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	58658	41.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.34%
7) Chloroethane-d5	1.64	69	40326	35.48	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.96%
11) 1,1-Dichloroethene-d2	2.22	63	101549	35.38	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.76%
21) 2-Butanone-d5	4.19	46	139485	117.61	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.61%
24) Chloroform-d	4.63	84	139661	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.84%
26) 1,2-Dichloroethane-d4	5.30	65	101901	55.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.46%
32) Benzene-d6	5.32	84	268145	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
36) 1,2-Dichloropropane-d6	6.32	67	88440	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.24%
41) Toluene-d8	7.56	98	240709	46.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.72%
43) trans-1,3-Dichloropropene-	7.85	79	44273	48.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.42%
47) 2-Hexanone-d5	8.32	63	85590	104.91	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	142599	52.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	100154	49.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.52%

Target Compounds					Qvalue
22) 2-Butanone	4.29	43	20370m	11.997 ug/L	
46) Tetrachloroethene	8.22	164	1879	1.416 ug/L	78

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

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