

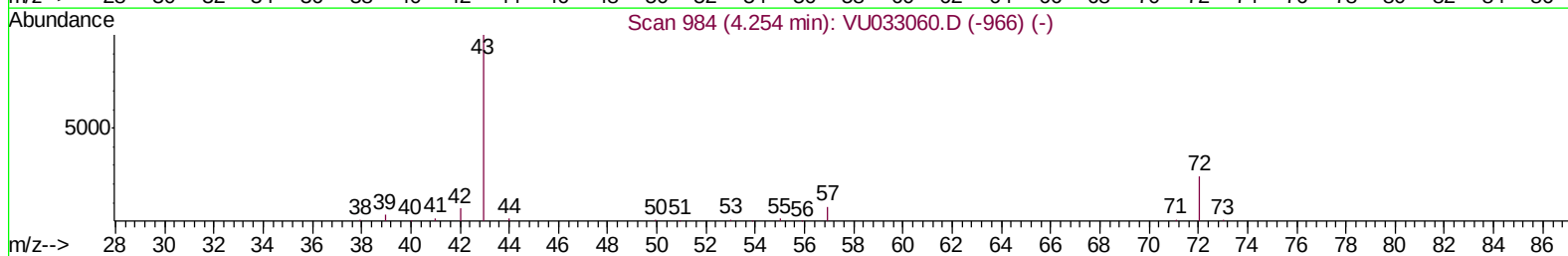
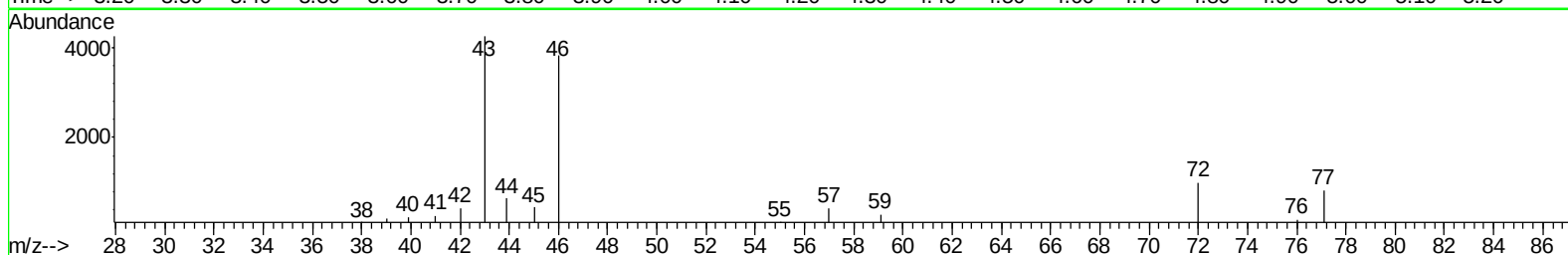
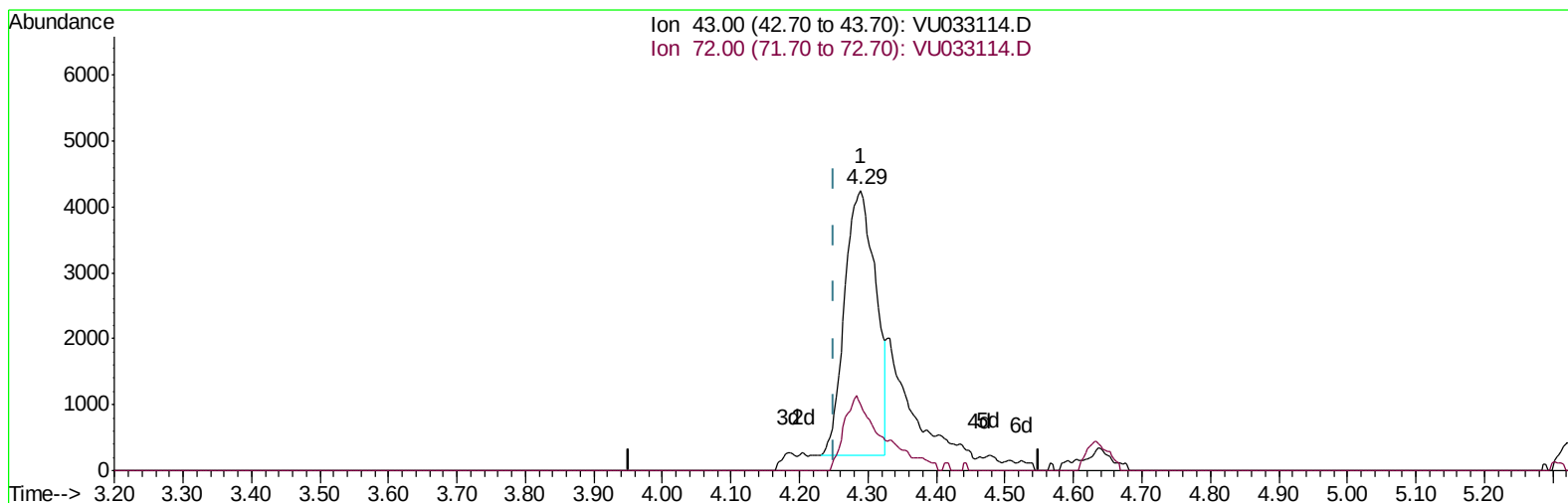
Data File : VU033114.D
Acq On : 01 Jul 2019 14:44
Operator : JC/SP
Sample : K3599-19MS
Misc : 7.93g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM27MS

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:00:15 AM

Quant Time: Jul 02 04:21:23 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: VU033114.D

(22) 2-Butanone (T)
4.290min (+0.039) 7.07ug/L
response 12652

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	26.74
0.00	0.00	0.00
0.00	0.00	0.00

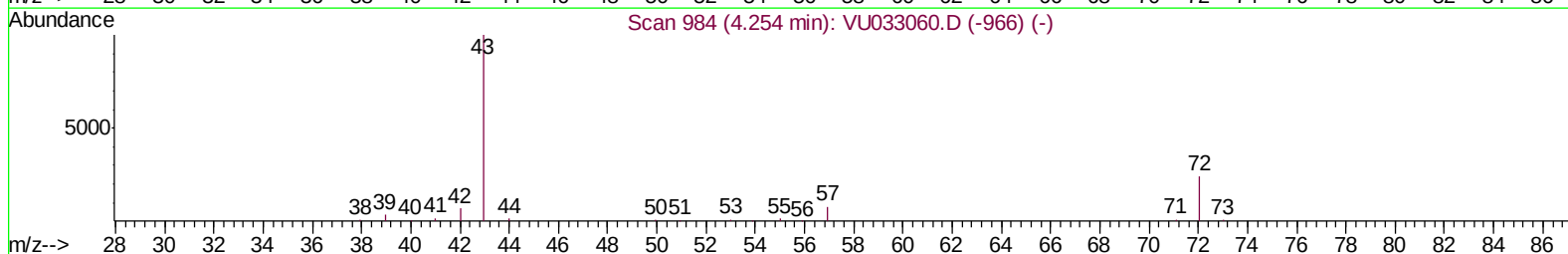
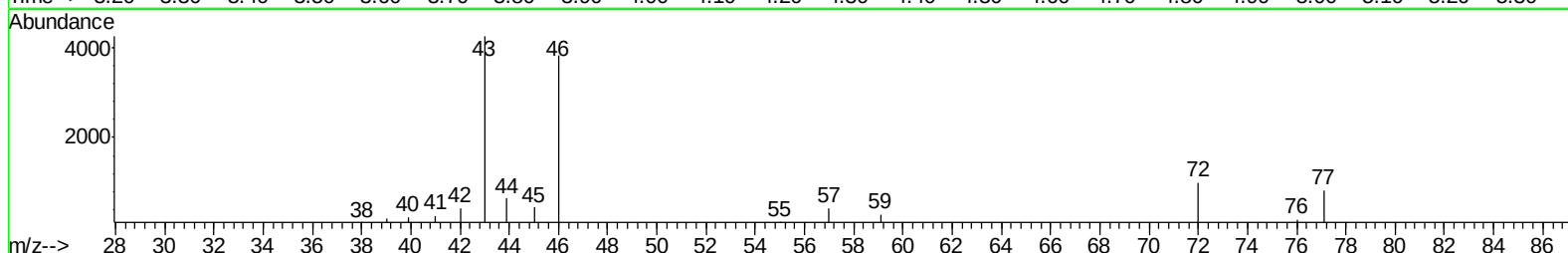
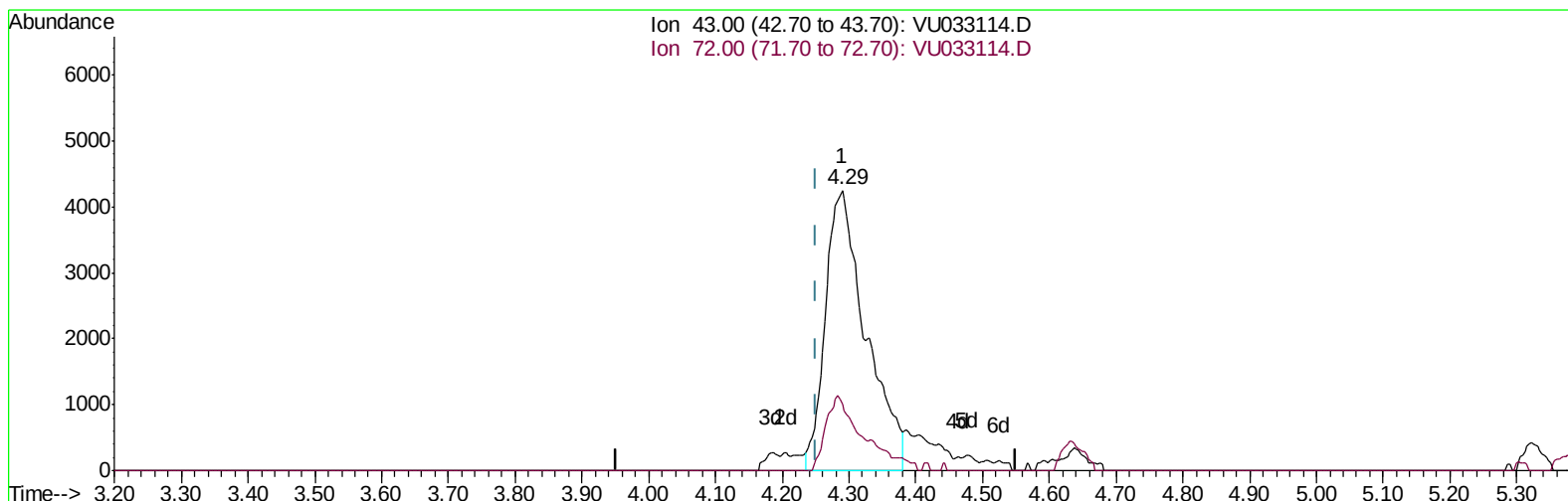
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TIC: VU033114.D

(22) 2-Butanone (T)
4.290min (+0.039) 10.01ug/L m

response 17910

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	18.89
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Time: Jul 02 07:05:16 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	219613	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	221248	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109137	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	59864	39.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.78%
7) Chloroethane-d5	1.64	69	39606	33.09	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.18%#
11) 1,1-Dichloroethene-d2	2.22	63	142440	47.11	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.22%
21) 2-Butanone-d5	4.19	46	140129	112.17	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.17%
24) Chloroform-d	4.63	84	142588	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
26) 1,2-Dichloroethane-d4	5.30	65	101305	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.24%
32) Benzene-d6	5.32	84	272888	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.62%
36) 1,2-Dichloropropane-d6	6.32	67	91332	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.42%
41) Toluene-d8	7.56	98	248224	45.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.92%
43) trans-1,3-Dichloropropene-	7.85	79	43712	45.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.48%
47) 2-Hexanone-d5	8.32	63	85351	99.49	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.49%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	140569	49.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	102779	48.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.34%

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.23	96	62498	45.191	ug/L	91
22) 2-Butanone	4.29	43	17910m	10.015	ug/L	
33) Benzene	5.37	78	309829	48.611	ug/L	100
34) Trichloroethene	6.17	95	81738	47.998	ug/L	97
42) Toluene	7.63	91	337020	48.872	ug/L	100
46) Tetrachloroethene	8.22	164	1957	1.402	ug/L	89
51) Chlorobenzene	9.12	112	224336	49.436	ug/L	98

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

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