

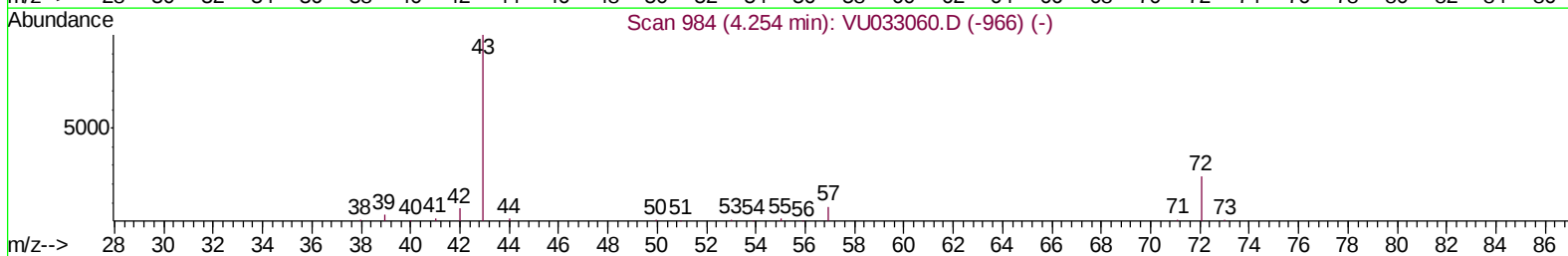
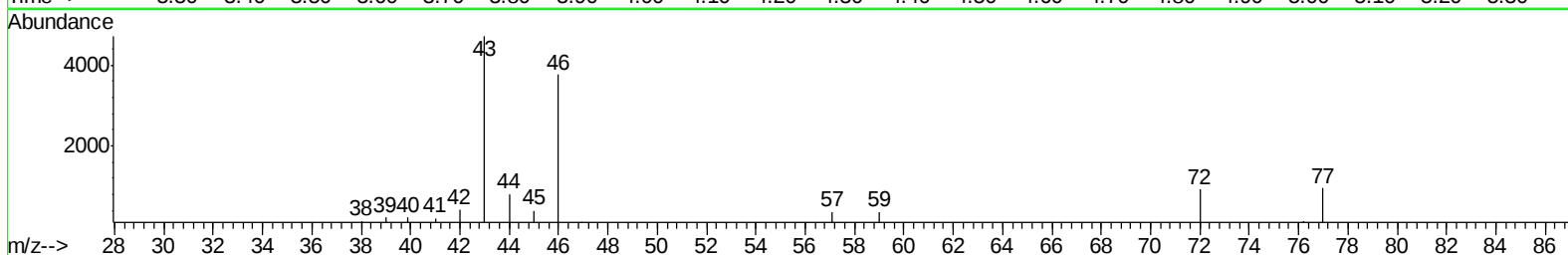
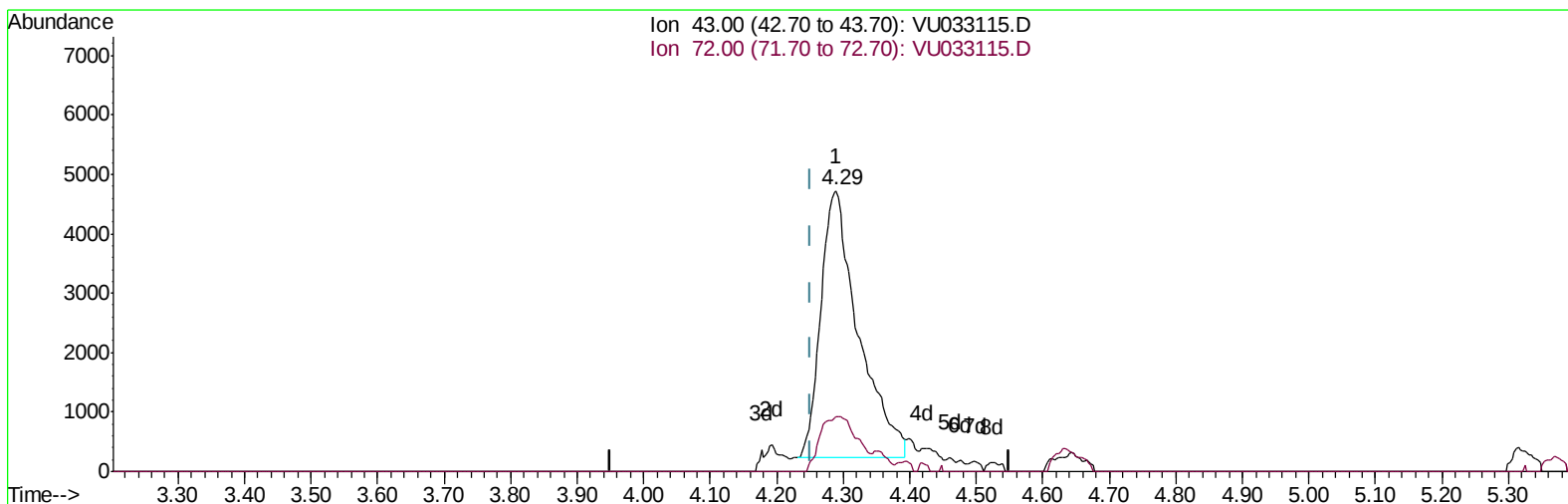
Data File : VU033115.D
Acq On : 01 Jul 2019 15:07
Operator : JC/SP
Sample : K3599-20MSD
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM27MSD

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:00:20 AM

Quant Time: Jul 02 04:21:35 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: VU033115.D

(22) 2-Butanone (T)
4.289min (+0.038) 9.75ug/L
response 17735

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	6.34#
0.00	0.00	0.00
0.00	0.00	0.00

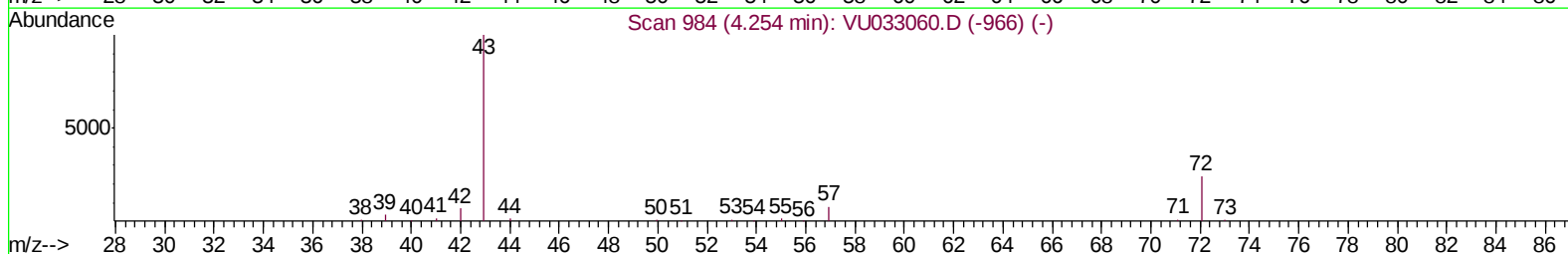
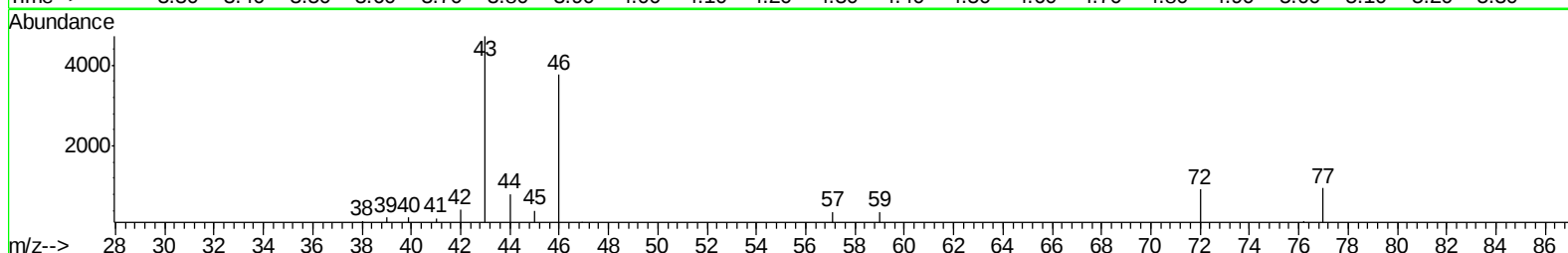
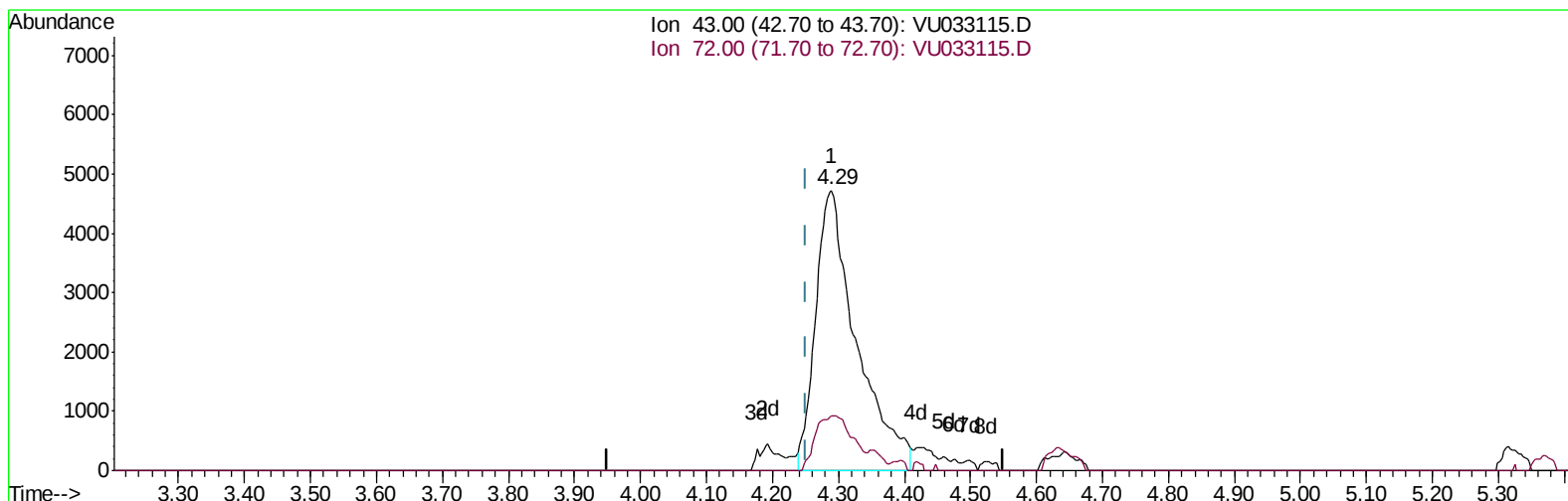
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TIC: VU033115.D

(22) 2-Butanone (T)

4.289min (+0.038) 11.17ug/L m

response 20329

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	5.53#
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	223470	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	227455	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	112851	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	46096	30.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.36%
7) Chloroethane-d5	1.64	69	33258	27.30	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	54.60%#
11) 1,1-Dichloroethene-d2	2.22	63	128015	41.61	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.22%
21) 2-Butanone-d5	4.19	46	150327	118.26	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.26%
24) Chloroform-d	4.63	84	133108	44.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.66%
26) 1,2-Dichloroethane-d4	5.30	65	97645	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
32) Benzene-d6	5.32	84	246926	41.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.28%
36) 1,2-Dichloropropane-d6	6.32	67	85101	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.10%
41) Toluene-d8	7.56	98	223293	40.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.42%
43) trans-1,3-Dichloropropene-	7.85	79	42960	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.44%
47) 2-Hexanone-d5	8.32	63	90767	102.91	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	143344	49.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	98222	44.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.96%

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.23	96	68589	48.739	ug/L	87
22) 2-Butanone	4.29	43	20329m	11.171	ug/L	
33) Benzene	5.37	78	338588	51.674	ug/L	100
34) Trichloroethene	6.17	95	91076	52.022	ug/L	98
42) Toluene	7.63	91	365126	51.503	ug/L	99
46) Tetrachloroethene	8.22	164	3642	2.539	ug/L	96
51) Chlorobenzene	9.12	112	243014	52.091	ug/L	98

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

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