

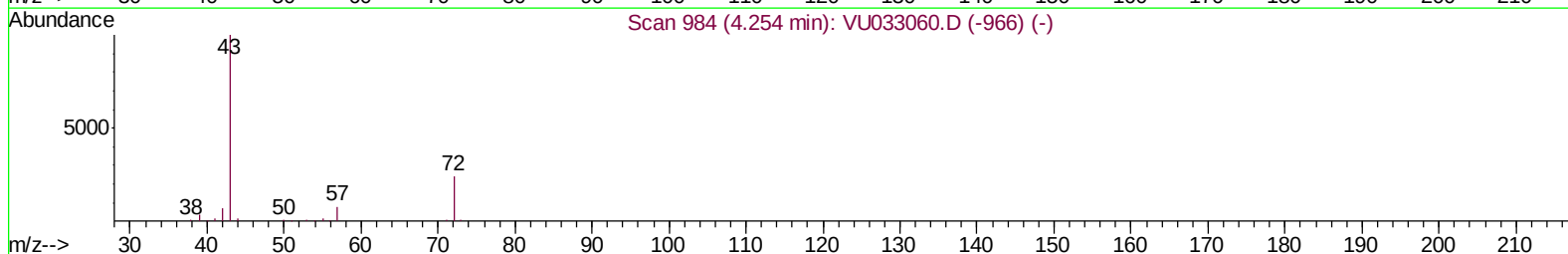
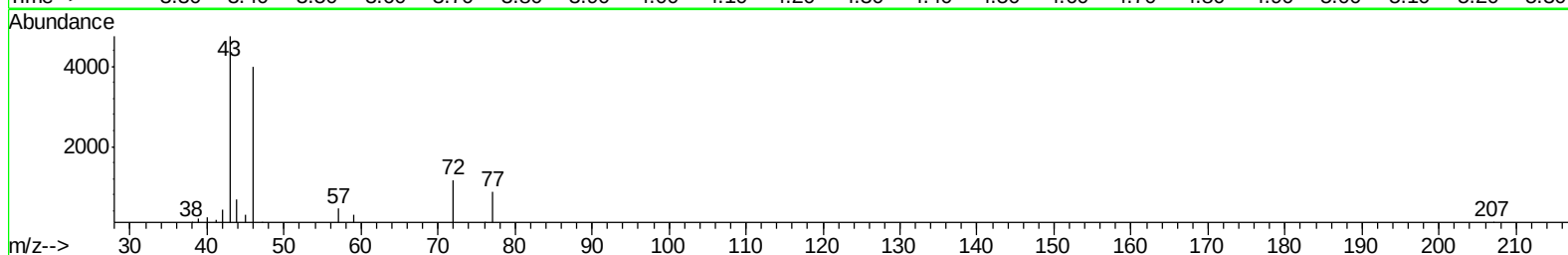
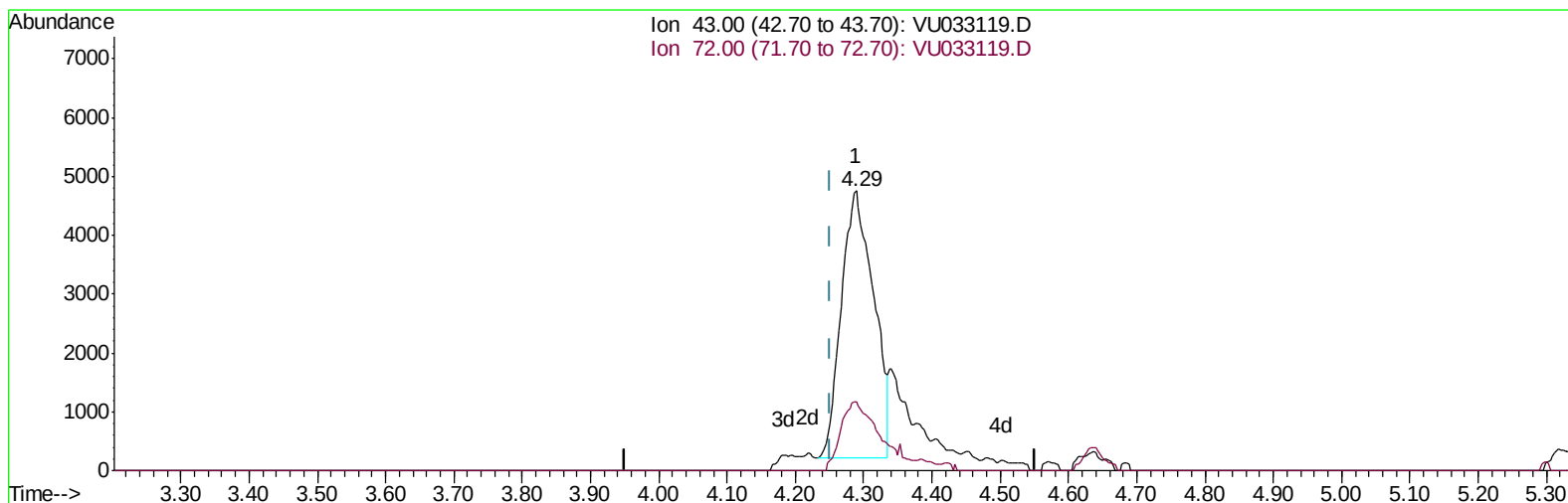
Data File : VU033119.D
Acq On : 01 Jul 2019 17:01
Operator : JC/SP
Sample : K3599-06
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM15

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:02:53 AM

Quant Time: Jul 02 04:22:14 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: VU033119.D

(22) 2-Butanone (T)
4.289min (+0.038) 8.65ug/L

response 14924

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	27.87
0.00	0.00	0.00
0.00	0.00	0.00

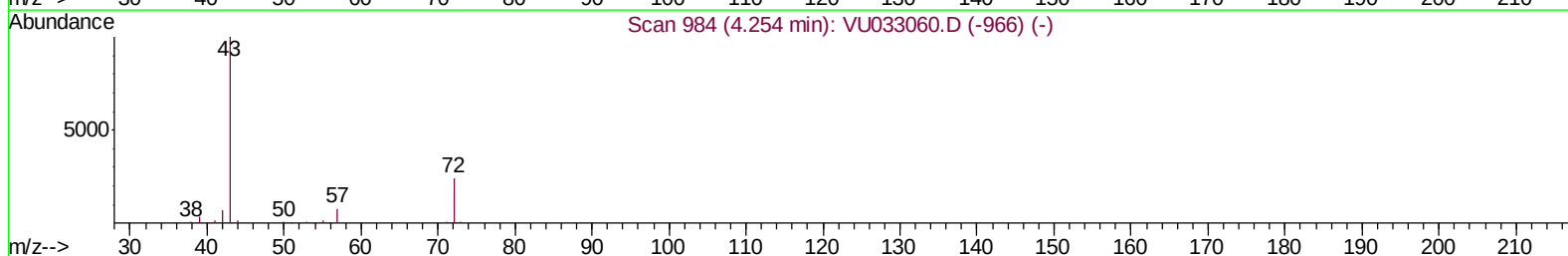
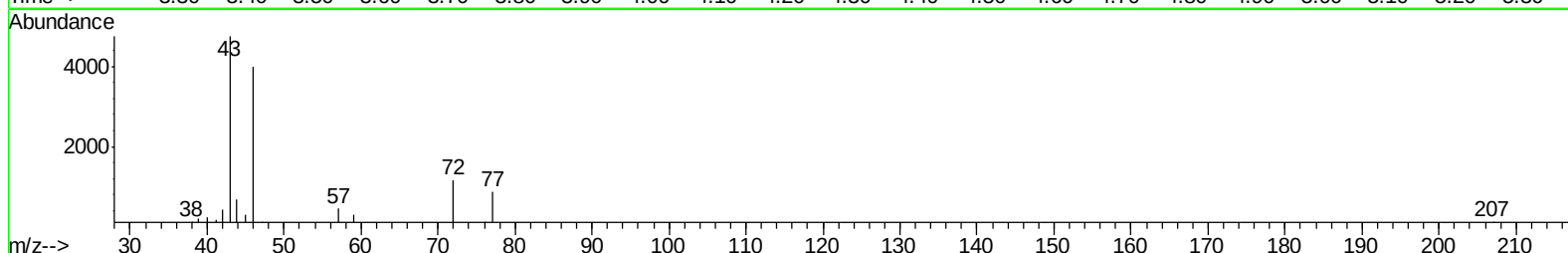
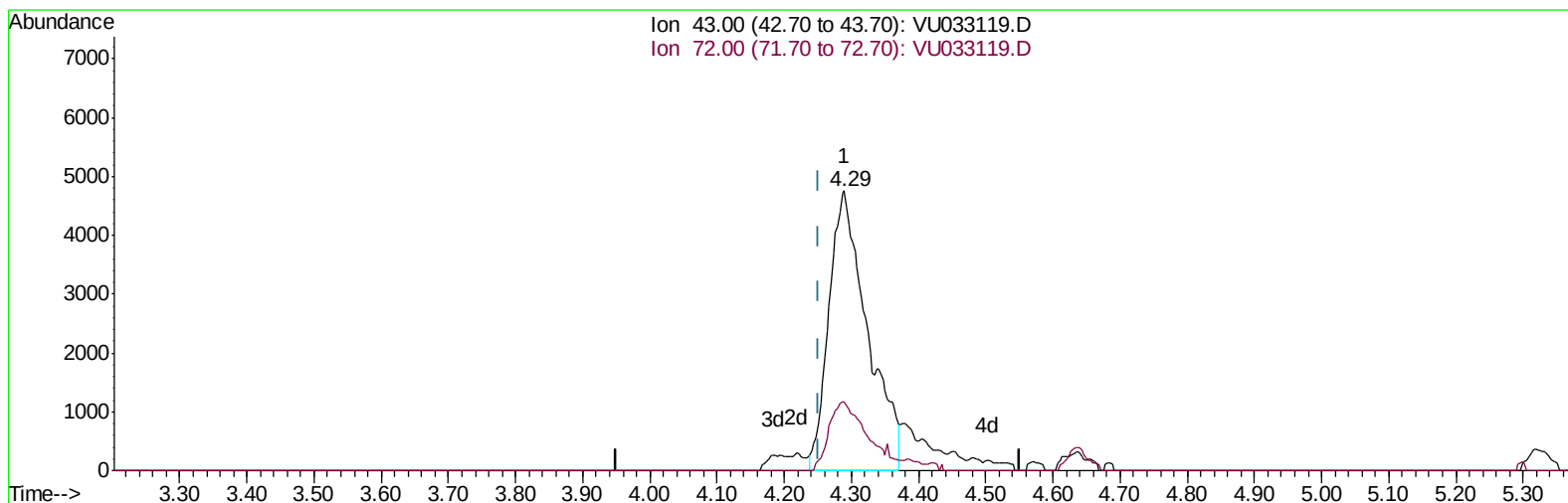
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TIC: VU033119.D

(22) 2-Butanone (T)
4.289min (+0.038) 10.95ug/L m

response 18883

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	22.03
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	211790	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	214187	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	106531	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	51464	35.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.12%
7) Chloroethane-d5	1.64	69	34543	29.92	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	59.84%#
11) 1,1-Dichloroethene-d2	2.22	63	90058	30.89	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.78%
21) 2-Butanone-d5	4.19	46	139113	115.47	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.47%
24) Chloroform-d	4.63	84	130568	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.30	65	95754	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.18%
32) Benzene-d6	5.32	84	247123	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
36) 1,2-Dichloropropane-d6	6.32	67	84497	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.02%
41) Toluene-d8	7.56	98	222142	42.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.96%
43) trans-1,3-Dichloropropene-	7.85	79	39805	43.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.04%
47) 2-Hexanone-d5	8.32	63	82480	99.31	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.31%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	135627	49.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	96944	47.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.06%

Target Compounds					Qvalue
22) 2-Butanone	4.29	43	18883m	10.949	ug/L

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

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