

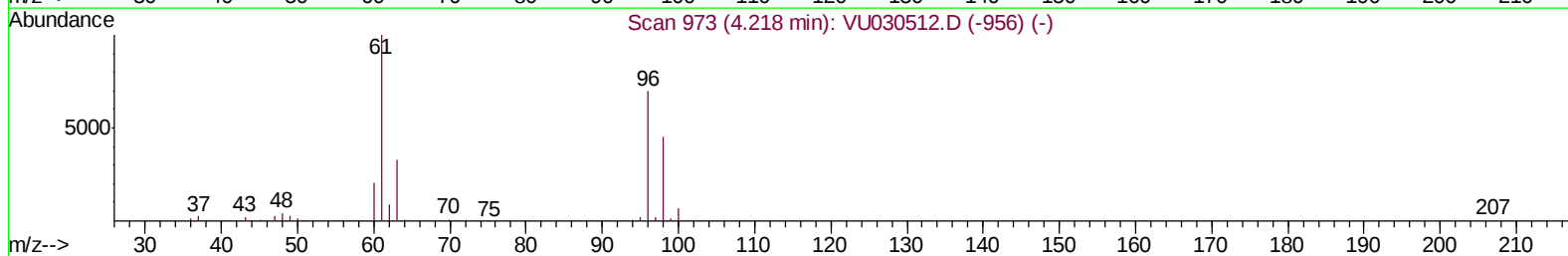
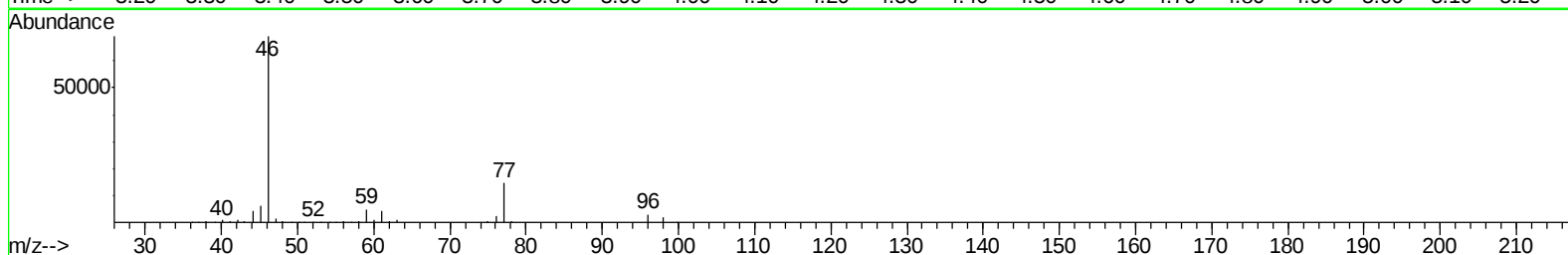
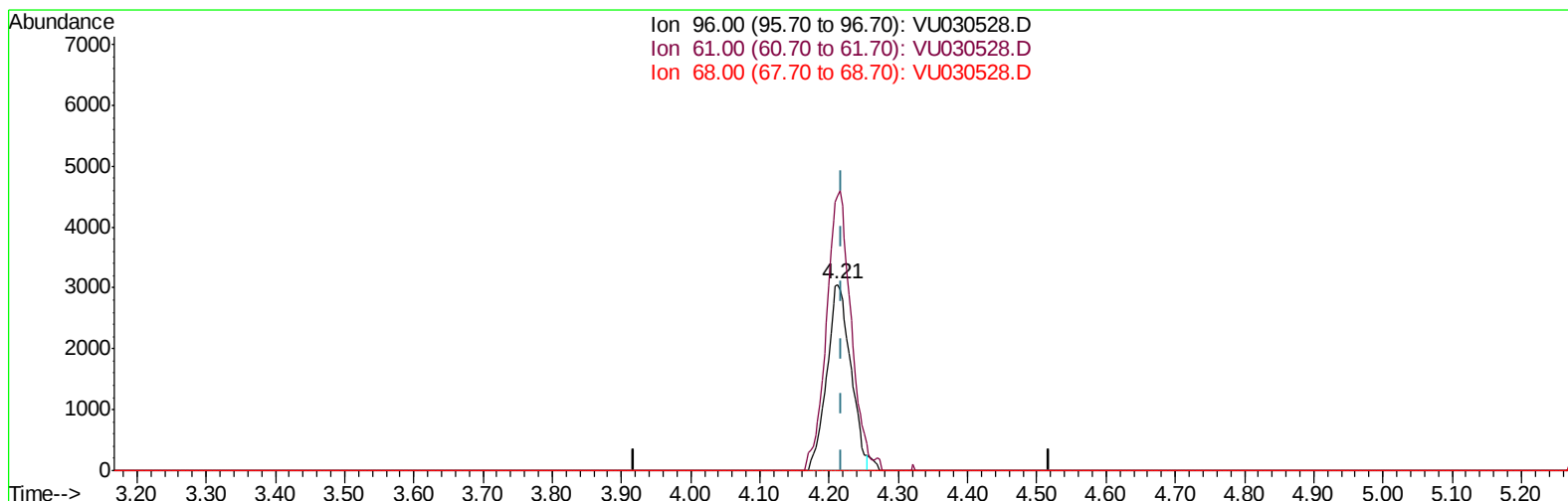
Data File : VU030528.D
Acq On : 28 Mar 2019 20:32
Operator : JC/SP
Sample : K2101-14ME
Misc : 5.45mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFOE5ME

Manual Integrations
APPROVED

apatel
4/12/2019 11:05:42 AM

Quant Time: Mar 29 01:24:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 01:19:16 2019
Response via : Initial Calibration



TIC: VU030528.D

(20) cis-1,2-Dichloroethene (T)

4.212min (-0.006) 0.98ug/L

response 7286

Ion	Exp%	Act%
96.00	100	100
61.00	140.60	147.29
68.00	0.00	0.00
0.00	0.00	0.00

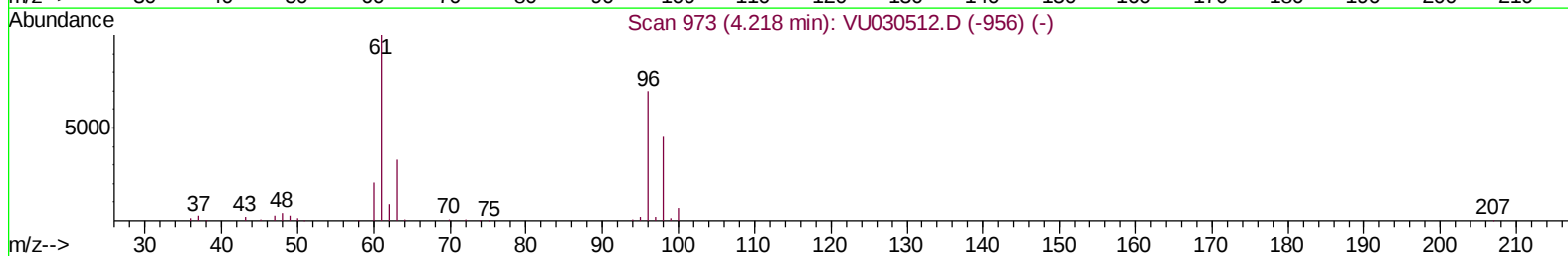
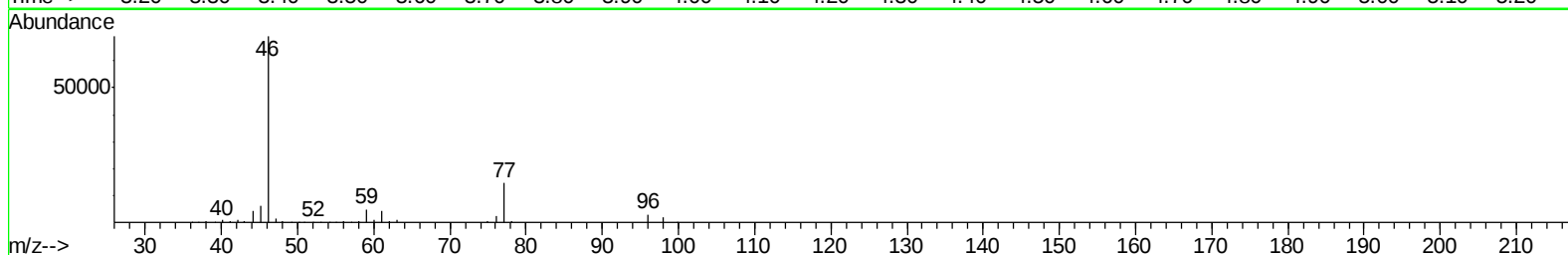
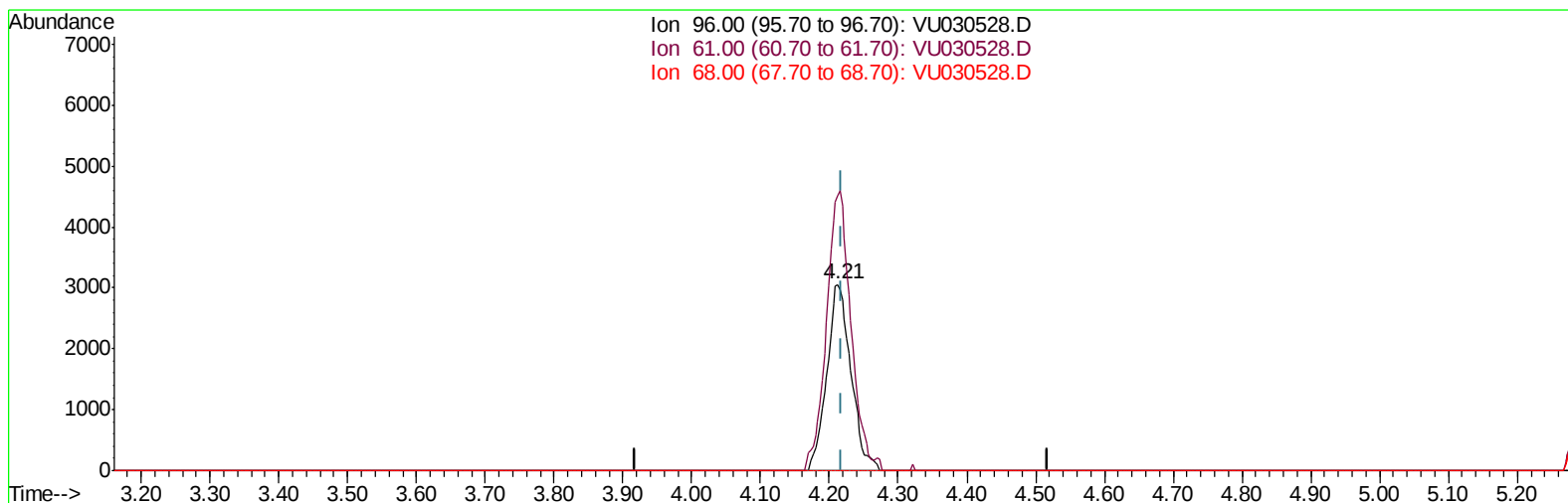
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TIC: VU030528.D

(20) cis-1,2-Dichloroethene (T)

4.212min (-0.006) 1.00ug/L m

response 7449

Ion	Exp%	Act%
96.00	100	100
61.00	140.60	147.29
68.00	0.00	0.00
0.00	0.00	0.00

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Quant Time: Mar 29 02:08:06 2019
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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	881368	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	869291	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	405252	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	218656	30.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.66%
7) Chloroethane-d5	1.64	69	165291	29.40	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	58.80%#
11) 1,1-Dichloroethene-d2	2.24	63	324765	24.14	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.28%#
21) 2-Butanone-d5	4.19	46	469577	70.42	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.42%
24) Chloroform-d	4.64	84	414681	33.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.86%#
26) 1,2-Dichloroethane-d4	5.30	65	292163	36.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.06%
32) Benzene-d6	5.33	84	828375	33.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.46%#
36) 1,2-Dichloropropane-d6	6.32	67	306003	35.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	71.76%
41) Toluene-d8	7.56	98	719452	32.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	64.26%#
43) trans-1,3-Dichloropropene-	7.85	79	132220	32.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.94%
47) 2-Hexanone-d5	8.32	63	339735	73.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	477194	39.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	290667	35.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.60%#

Target Compounds					Qvalue
20) cis-1,2-Dichloroethene	4.21	96	7449m	1.004	ug/L
34) Trichloroethene	6.18	95	15533	2.135	ug/L 97
46) Tetrachloroethene	8.22	164	37020	7.286	ug/L 97

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

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