

Data File : VU034758.D
Acq On : 24 Sep 2019 01:14
Operator : JC/SP
Sample : K4932-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Sep 24 05:55:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	499335	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	488367	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	219562	50.00	ug/L	0.00

System Monitoring Compounds

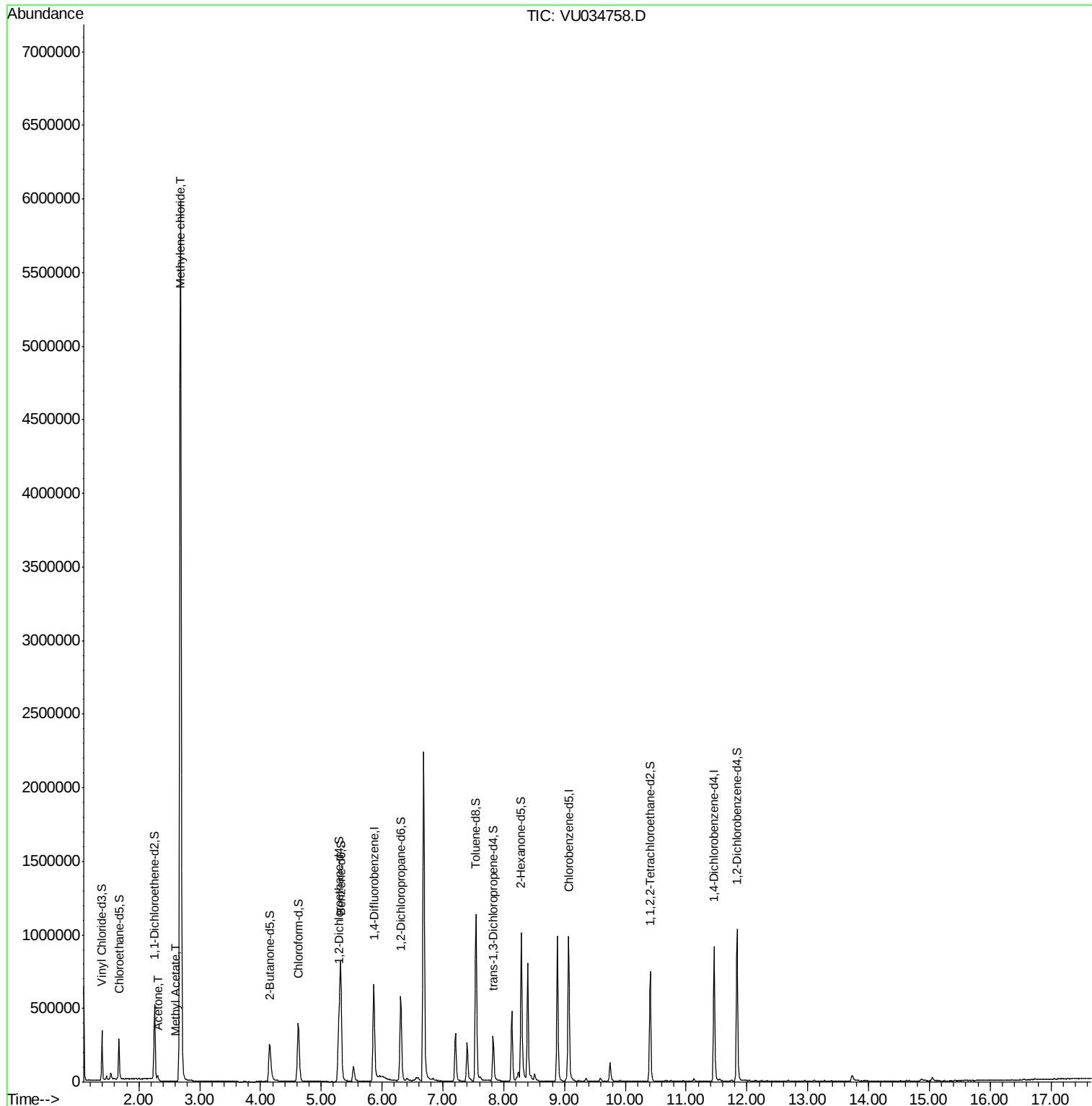
4) Vinyl Chloride-d3	1.39	65	208326	40.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.50%
7) Chloroethane-d5	1.67	69	174912	44.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.54%
11) 1,1-Dichloroethene-d2	2.26	63	297509	34.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.74%
21) 2-Butanone-d5	4.15	46	457003	116.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.65%
24) Chloroform-d	4.62	84	371941	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
26) 1,2-Dichloroethane-d4	5.29	65	274950	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
32) Benzene-d6	5.32	84	747239	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
36) 1,2-Dichloropropane-d6	6.31	67	264320	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.92%
41) Toluene-d8	7.54	98	714837	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%
43) trans-1,3-Dichloropropene-	7.83	79	119341	47.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.20%
47) 2-Hexanone-d5	8.29	63	305237	114.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.87%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	355796	48.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.94%
64) 1,2-Dichlorobenzene-d4	11.84	152	242896	52.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.52%

Target Compounds						Qvalue
13) Acetone	2.31	43	38028	8.344	ug/L	98
15) Methyl Acetate	2.61	43	6004	0.986	ug/L	94
16) Methylene chloride	2.69	84	2288858	553.089	ug/L	99

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

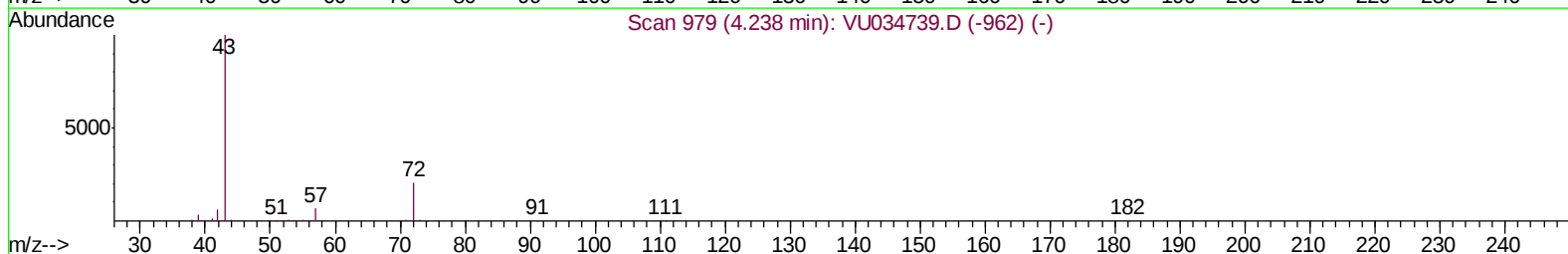
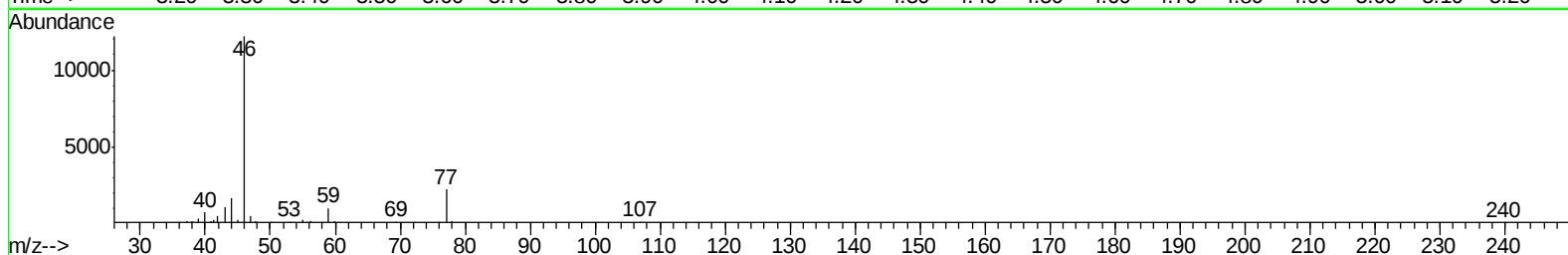
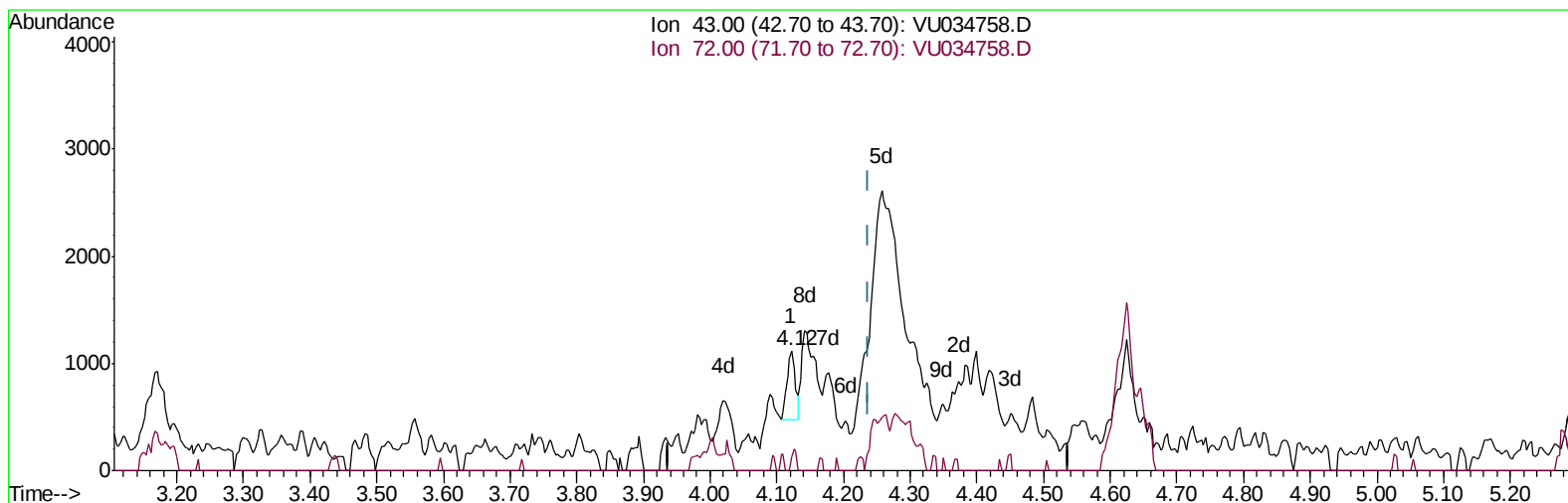
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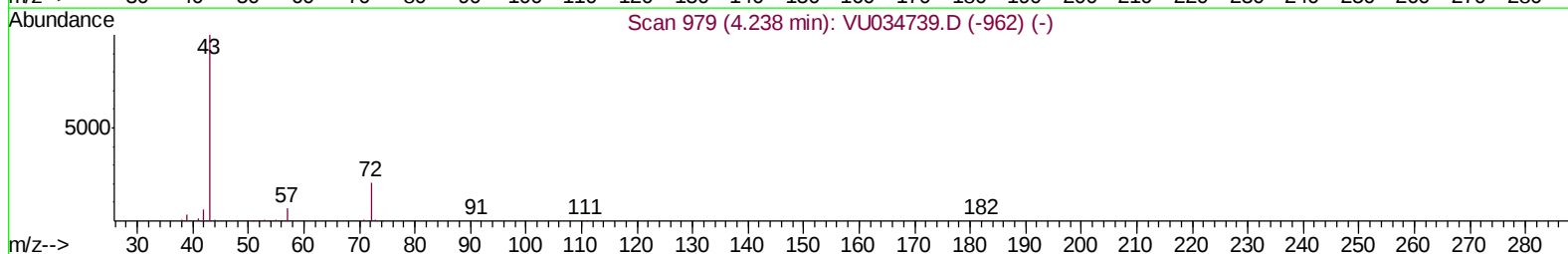
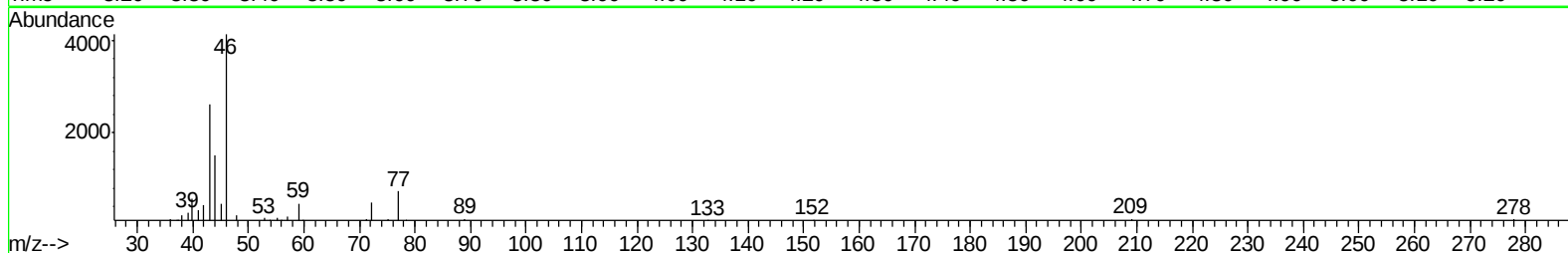
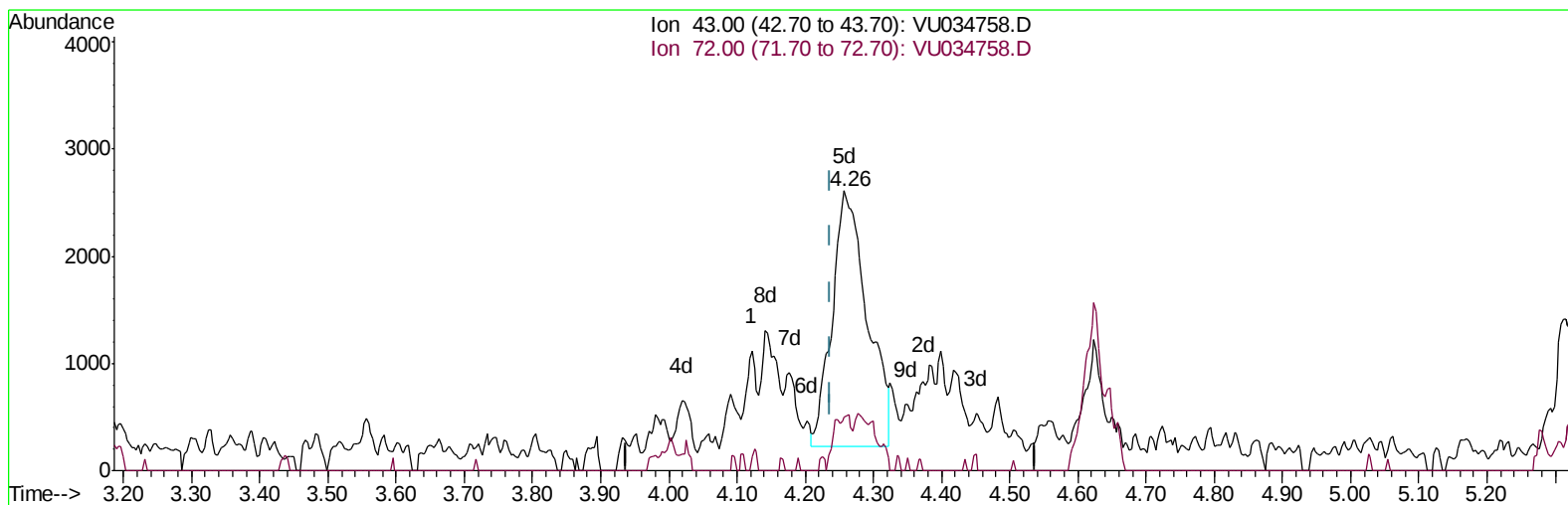
(22) 2-Butanone (T)
4.122min (-0.116) 0.10ug/L

response 555

Ion	Exp%	Act%
43.00	100	100
72.00	20.40	17.48
0.00	0.00	0.00
0.00	0.00	0.00

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(22) 2-Butanone (T)
4.257min (+0.019) 1.56ug/L m

response 8480

Ion	Exp%	Act%
43.00	100	100
72.00	20.40	1.14#
0.00	0.00	0.00
0.00	0.00	0.00