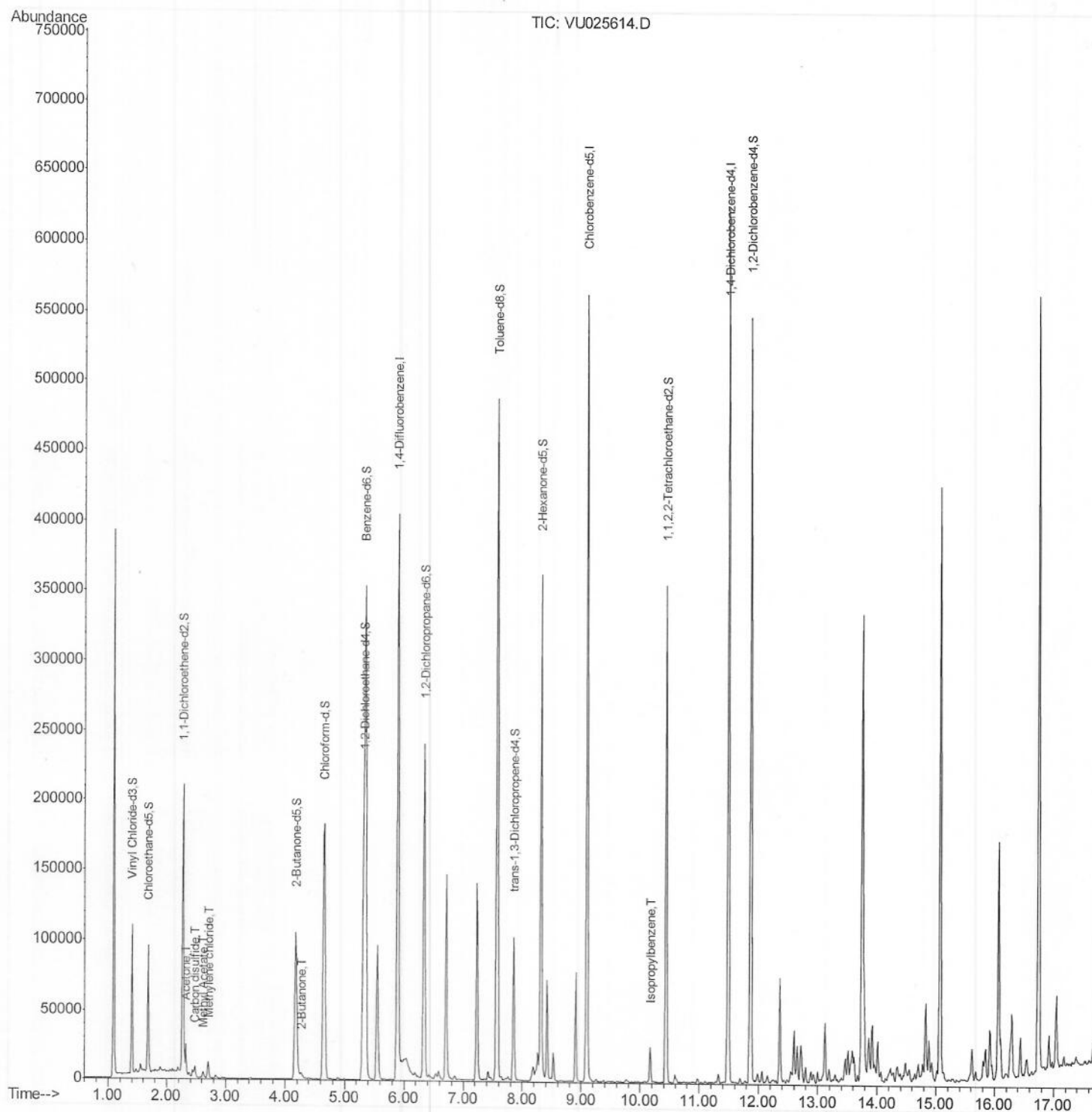


Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
Data File : VU025614.D
Acq On : 23 Jul 2018 20:15
Operator : MD/SY
Sample : J4072-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 24 03:09:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 24 02:07:37 2018
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\

Data File : VU025614.D

Acq On : 23 Jul 2018 20:15

Operator : MD/SY

Sample : J4072-07

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 21 Sample Multiplier: 1

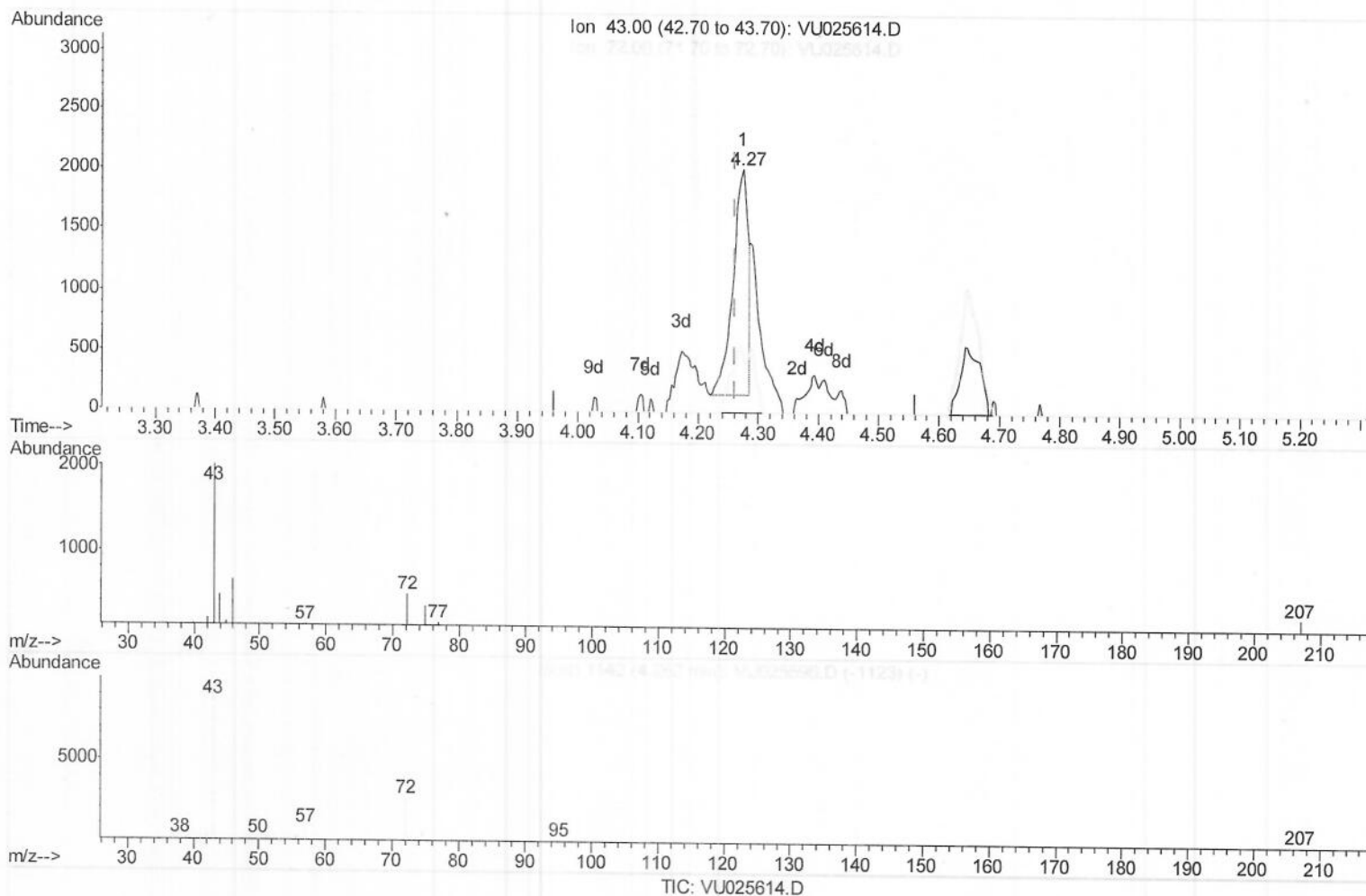
Quant Time: Jul 24 02:10:13 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Jul 24 02:07:37 2018

Response via : Initial Calibration



(22) 2-Butanone (T)

4.275min (+0.013) 1.71ug/L

response 3265

Ion	Exp%	Act%
43.00	100	100
72.00	27.20	28.55
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\

Data File : VU025614.D

Acq On : 23 Jul 2018 20:15

Operator : MD/SY

Sample : J4072-07

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 21 Sample Multiplier: 1

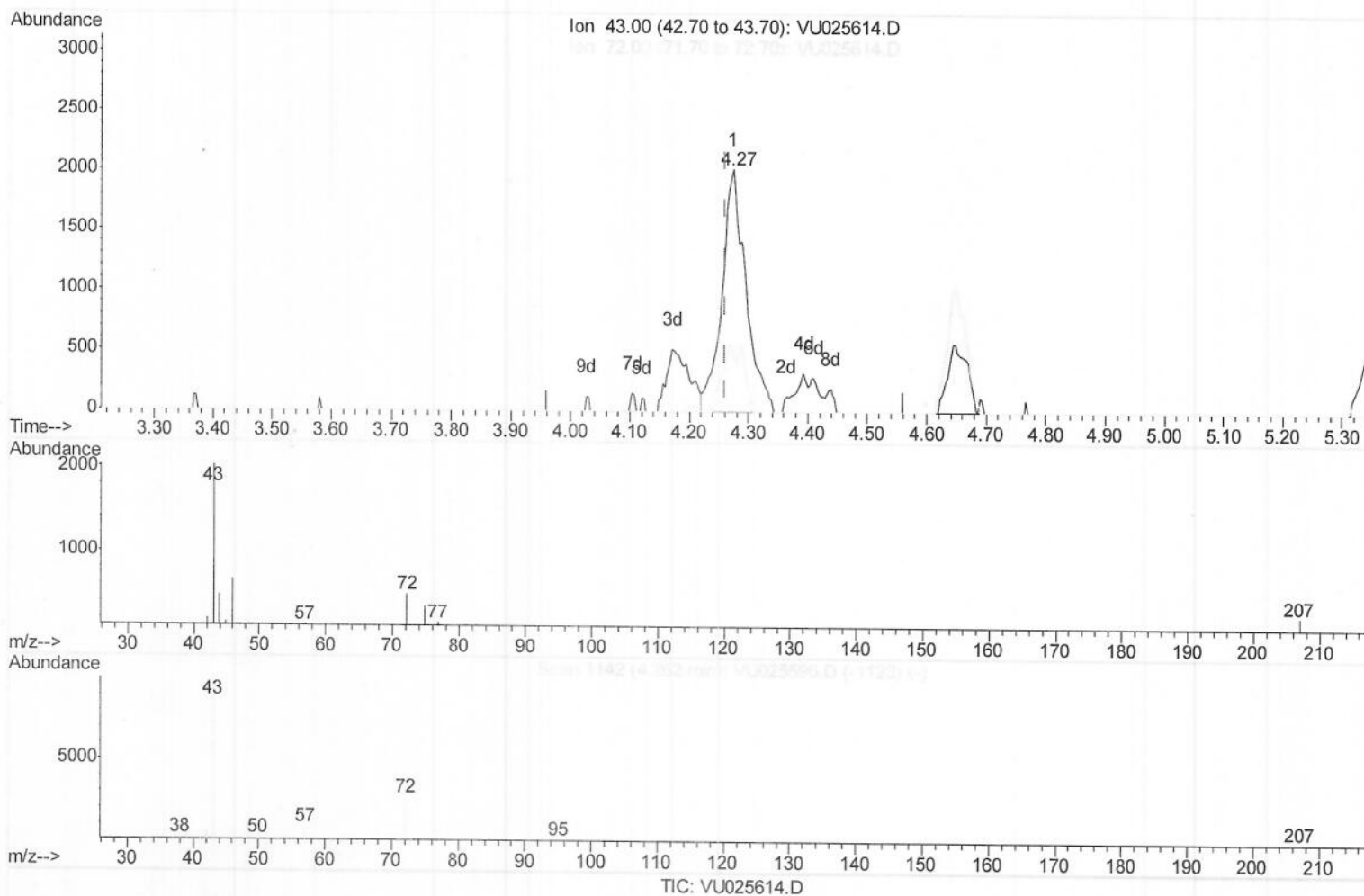
Quant Time: Jul 24 02:10:13 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Jul 24 02:07:37 2018

Response via : Initial Calibration



(22) 2-Butanone (T)

4.275min (+0.013) 2.96ug/L m > MD08/04/18

response 5658

Ion	Exp%	Act%
43.00	100	100
72.00	27.20	16.47
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
 Data File : VU025614.D
 Acq On : 23 Jul 2018 20:15
 Operator : MD/SY
 Sample : J4072-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 24 03:09:54 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\SOMULM072018WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Jul 24 02:07:37 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	331764	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	311989	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	162459	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67727	35.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.52%		
7) Chloroethane-d5	1.68	69	61234	39.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.38%		
11) 1,1-Dichloroethene-d2	2.27	63	115556	29.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.62%#		
21) 2-Butanone-d5	4.18	46	165386	113.11	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.11%		
24) Chloroform-d	4.65	84	177273	42.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.04%		
26) 1,2-Dichloroethane-d4	5.31	65	123760	44.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.72%		
32) Benzene-d6	5.35	84	346718	43.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.66%		
36) 1,2-Dichloropropane-d6	6.34	67	112866	43.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.56%		
41) Toluene-d8	7.57	98	328214	42.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.54%		
43) trans-1,3-Dichloropropene-	7.85	79	55618	42.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.46%		
47) 2-Hexanone-d5	8.31	63	127693	118.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	118.28%		
57) 1,1,2,2-Tetrachloroethane-	10.44	84	164725	45.68	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.36%		
64) 1,2-Dichlorobenzene-d4	11.86	152	145119	44.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.16%		

Target Compounds

					Ovalue
13) Acetone	2.32	43	21738	12.666 ug/L	100
14) Carbon disulfide	2.48	76	8824	1.447 ug/L	96
15) Methyl Acetate	2.62	43	5311	2.239 ug/L	92
16) Methylene chloride	2.71	84	5031	2.157 ug/L	95
22) 2-Butanone	4.27	43	5658m	2.961 ug/L	95
56) Isopropylbenzene	10.17	105	17039	1.592 ug/L	98

) MPO8[04]18

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