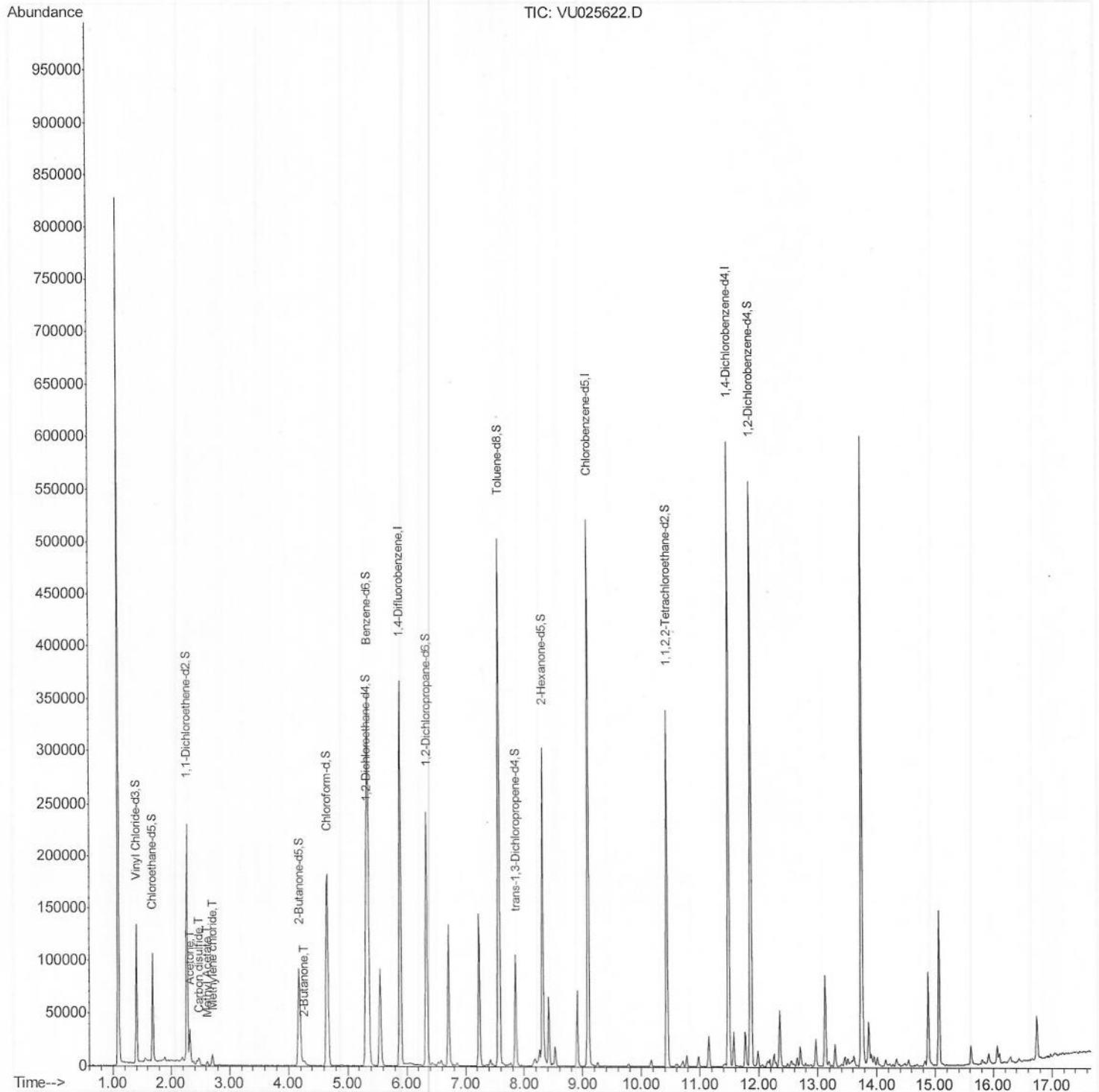


Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072418\
Data File : VU025622.D
Acq On : 24 Jul 2018 13:44
Operator : MD/SY
Sample : VLEB03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 25 04:29:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 25 02:26:32 2018
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072418\

Data File : VU025622.D

Acq On : 24 Jul 2018 13:44

Operator : MD/SY

Sample : VLEB03

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 5 Sample Multiplier: 1

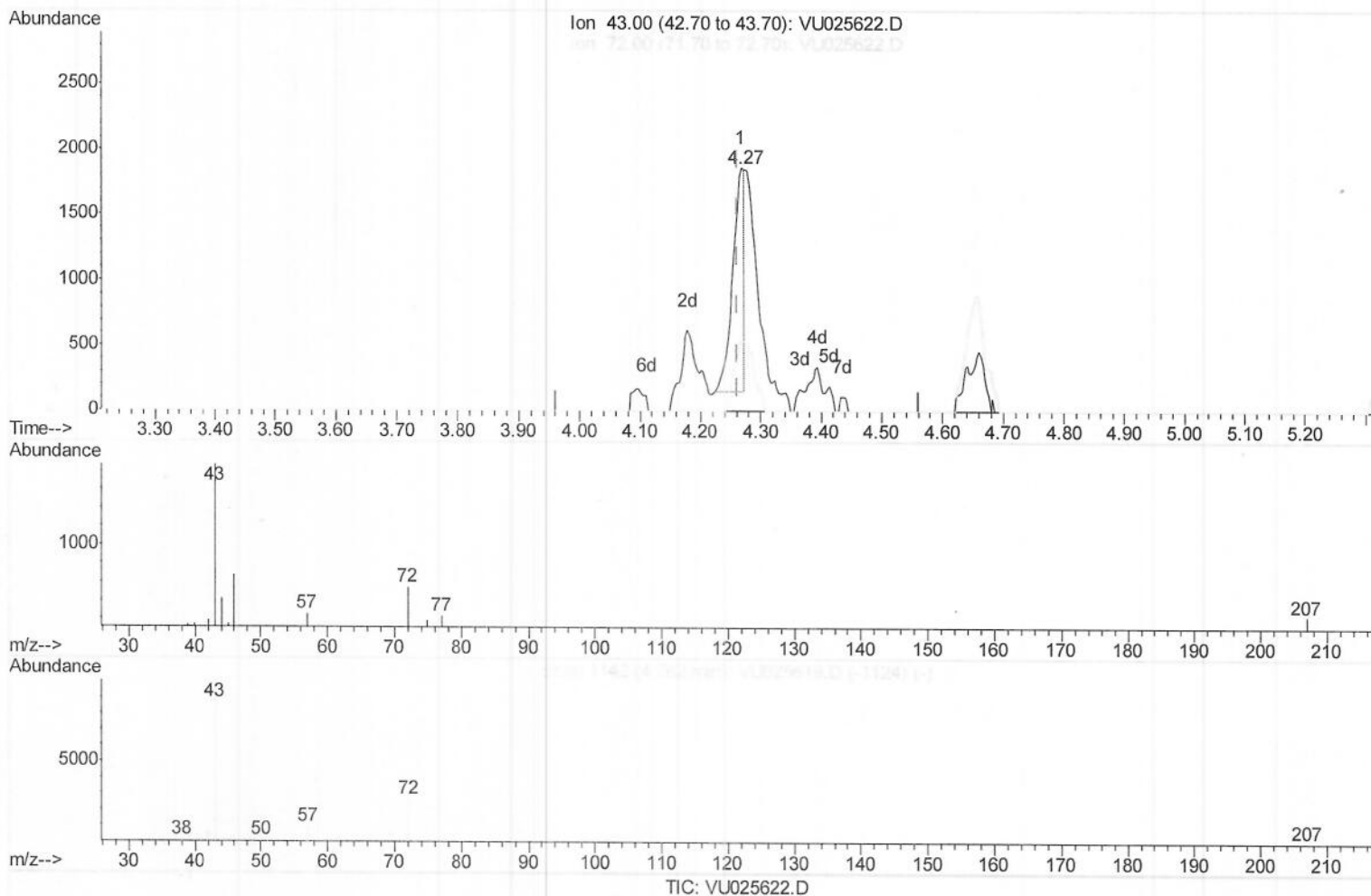
Quant Time: Jul 25 04:28:21 2018

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

Quant Title : VOC Analysis

QLast Update : Wed Jul 25 02:26:32 2018

Response via : Initial Calibration



(22) 2-Butanone (T)

4.268min (+0.006) 1.24ug/L

response 2196

Ion	Exp%	Act%
43.00	100	100
72.00	27.20	55.92#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072418\

Data File : VU025622.D

Acq On : 24 Jul 2018 13:44

Operator : MD/SY

Sample : VLEB03

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 5 Sample Multiplier: 1

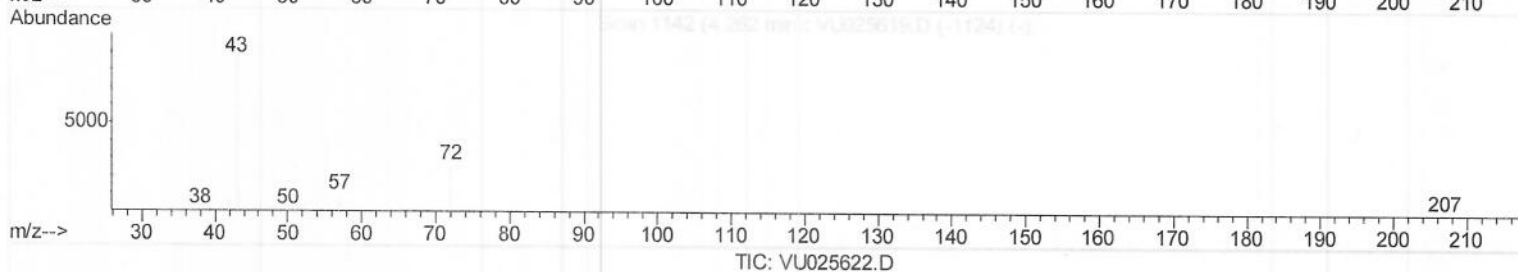
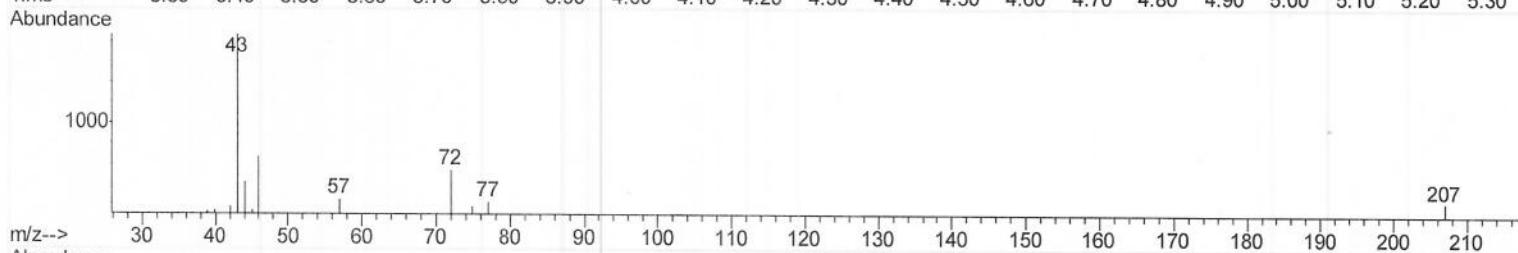
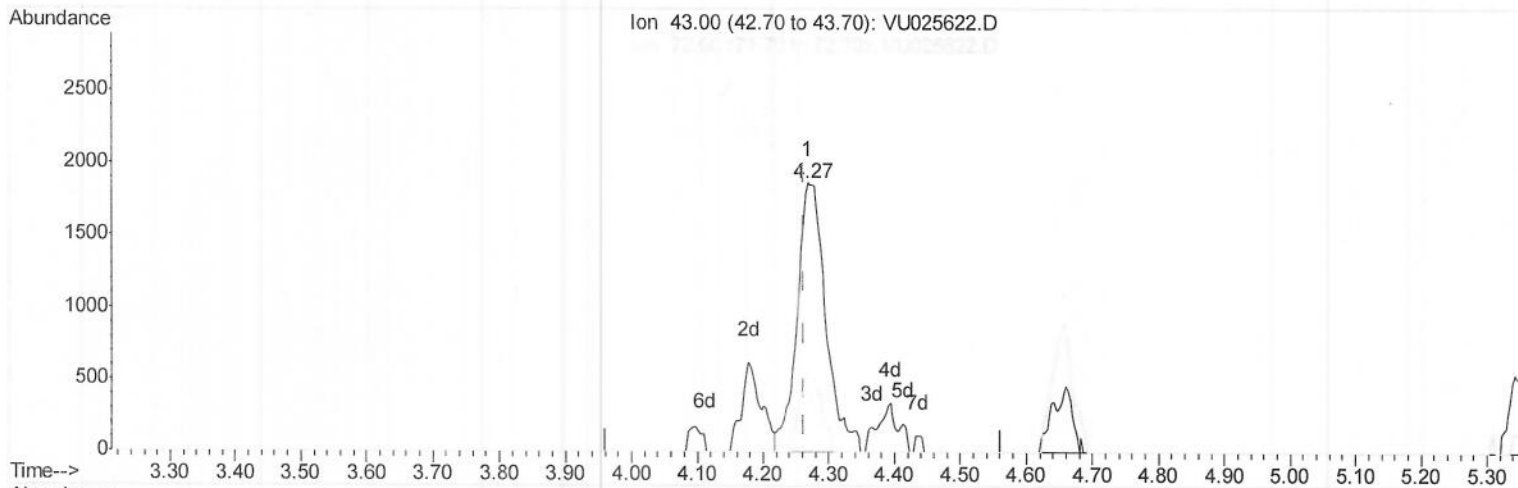
Quant Time: Jul 25 04:28:21 2018

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

Quant Title : VOC Analysis

QLast Update : Wed Jul 25 02:26:32 2018

Response via : Initial Calibration



(22) 2-Butanone (T)

4.268min (+0.006) 3.21ug/L m) MD 08/04/18

response 5688

Ion	Exp%	Act%
43.00	100	100
72.00	27.20	21.59
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072418\
 Data File : VU025622.D
 Acq On : 24 Jul 2018 13:44
 Operator : MD/SY
 Sample : VLEB03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 25 04:29:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 25 02:26:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	307418	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287619	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	153127	50.00	ug/L	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
4) Vinyl Chloride-d3		1.40	65	83741	47.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.42%	
7) Chloroethane-d5		1.68	69	68984	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.30%	
11) 1,1-Dichloroethene-d2		2.27	63	128179	35.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.16%	
21) 2-Butanone-d5		4.18	46	145209	107.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.17%	
24) Chloroform-d		4.65	84	175977	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.04%	
26) 1,2-Dichloroethane-d4		5.31	65	124838	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.58%	
32) Benzene-d6		5.35	84	350425	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%	
36) 1,2-Dichloropropane-d6		6.34	67	113209	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.26%	
41) Toluene-d8		7.57	98	331512	46.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.72%	
43) trans-1,3-Dichloropropene-		7.85	79	56713	46.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.42%	
47) 2-Hexanone-d5		8.31	63	104422	104.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.92%	
57) 1,1,2,2-Tetrachloroethane-		10.44	84	157356	47.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.68%	
64) 1,2-Dichlorobenzene-d4		11.86	152	144452	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	33173	20.859	ug/L	99
14) Carbon disulfide	2.48	76	7902	1.399	ug/L #	94
15) Methyl Acetate	2.62	43	3991	1.815	ug/L #	75
16) Methylene chloride	2.70	84	4442	2.055	ug/L	98
22) 2-Butanone	4.27	43	5688m	3.213	ug/L	

JMD08/04/18

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