

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072118\
 Data File : VU025591.D
 Acq On : 21 Jul 2018 17:56
 Operator : MD/SY
 Sample : J4040-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 23 01:14:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 23 01:10:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	318148	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	293092	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	149344	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70562	38.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.70%
7) Chloroethane-d5	1.68	69	63413	42.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.66%
11) 1,1-Dichloroethene-d2	2.27	63	123577	32.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.36%
21) 2-Butanone-d5	4.18	46	135222	96.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.43%
24) Chloroform-d	4.65	84	179992	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.98%
26) 1,2-Dichloroethane-d4	5.31	65	124258	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
32) Benzene-d6	5.35	84	349049	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.86%
36) 1,2-Dichloropropane-d6	6.34	67	113842	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.00%
41) Toluene-d8	7.57	98	329585	45.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.44%
43) trans-1,3-Dichloropropene-	7.85	79	54493	44.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.10%
47) 2-Hexanone-d5	8.31	63	97729	96.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.36%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	153781	45.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	144137	47.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.24%

Target Compounds

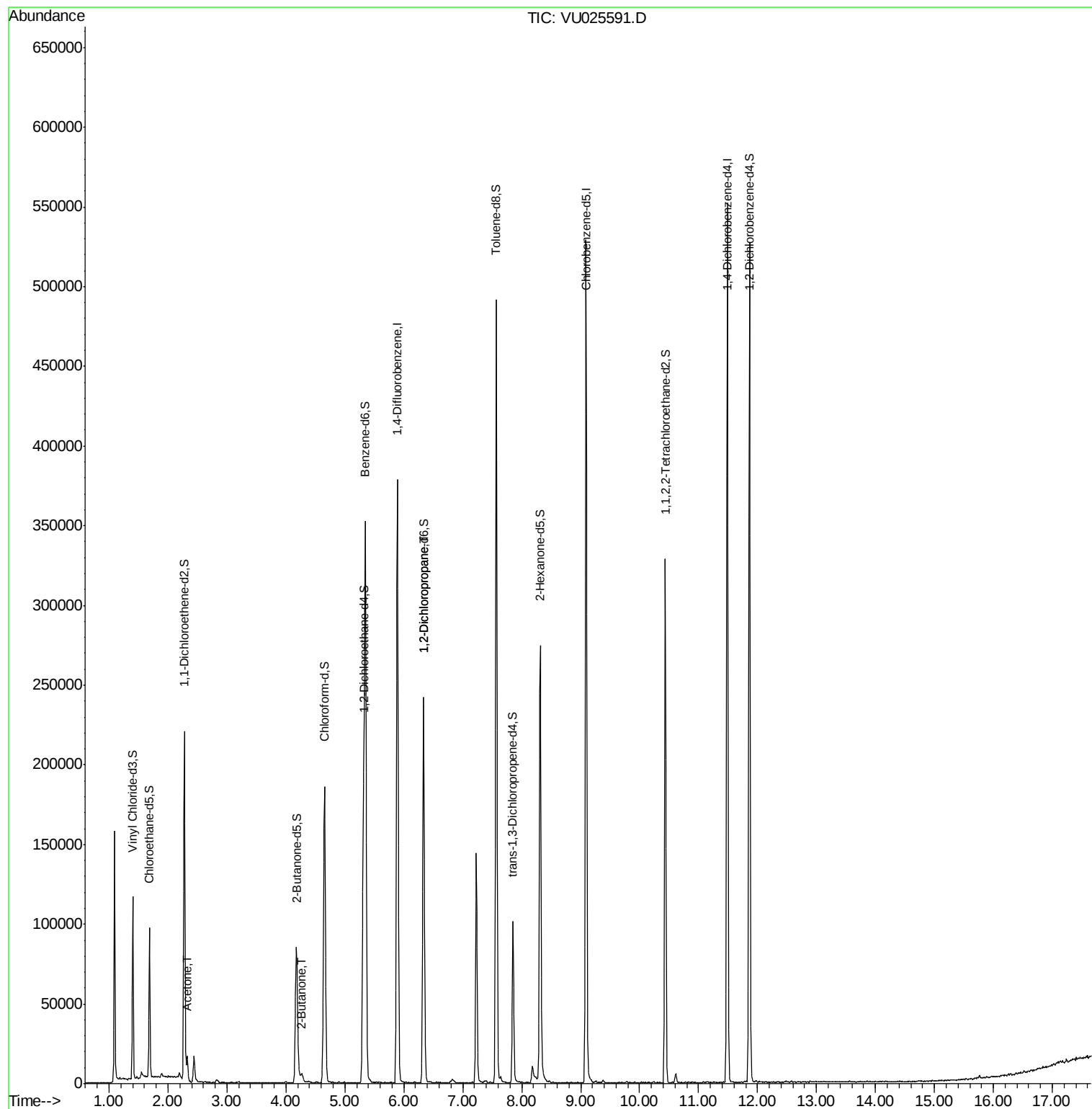
					Ovalue
13) Acetone	2.32	43	15264	9.274 ug/L	95
22) 2-Butanone	4.27	43	6987	3.813 ug/L	97
37) 1,2-Dichloropropane	6.33	63	13428	5.835 ug/L #	88

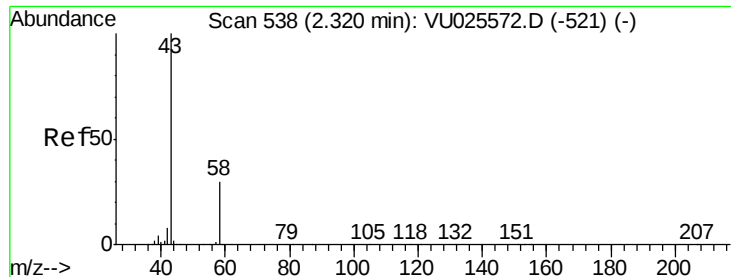
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.274 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025591.D

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Instrument :

MSVOA_U

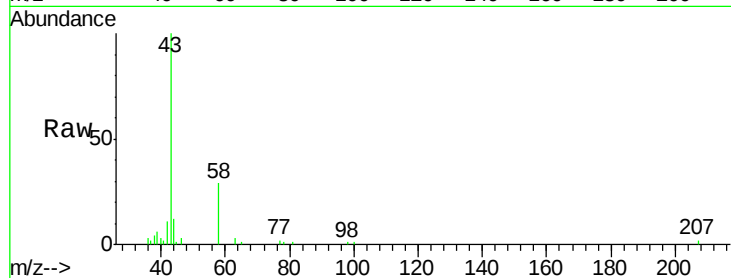
ClientSampleId :

Tot Ion: 43 Resp: 15264

Ion Ratio Lower Upper

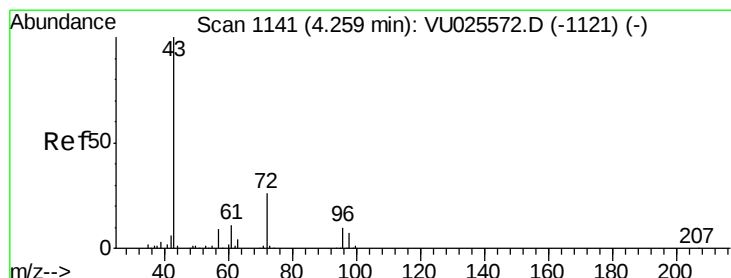
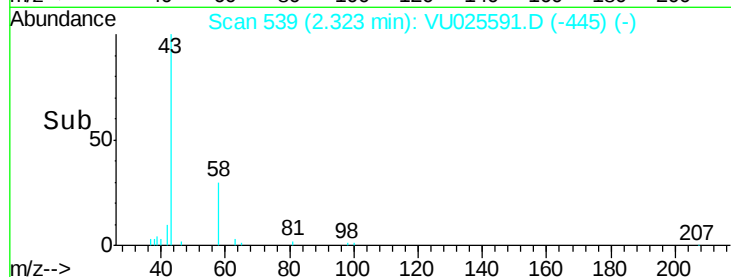
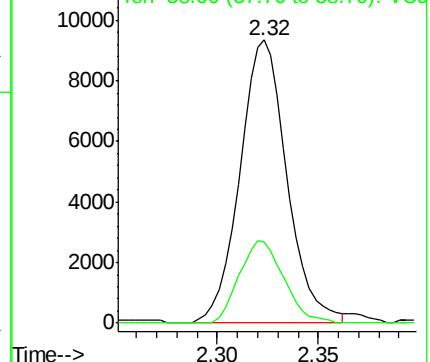
43 100

58 27.7 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#22

2-Butanone

Concen: 3.813 ug/L

RT: 4.27 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VU025591.D

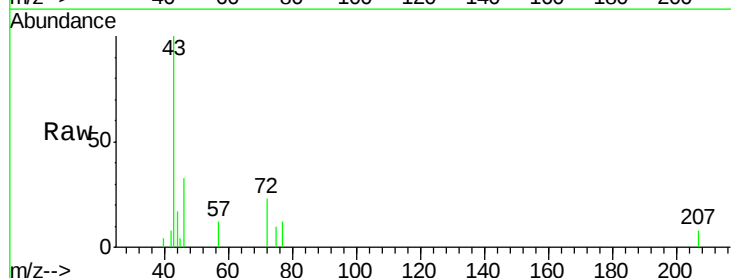
Acq: 21 Jul 2018 17:56

Tgt Ion: 43 Resp: 6987

Ion Ratio Lower Upper

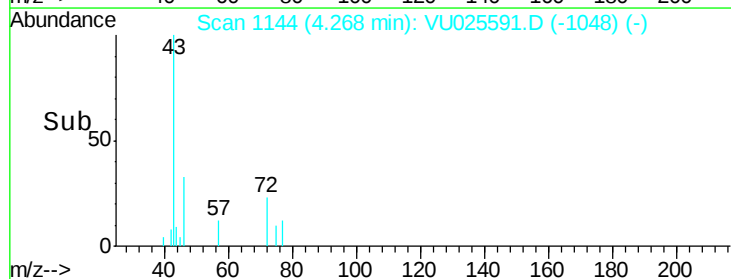
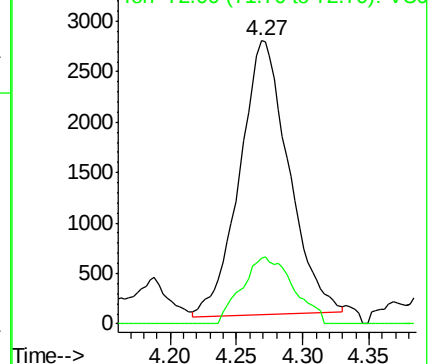
43 100

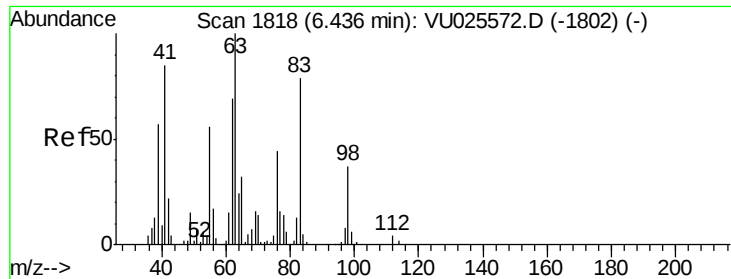
72 25.5 13.6 40.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0





#37
 1,2-Dichloropropane
 Concen: 5.835 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU025591.D
 Acq: 21 Jul 2018 17:56

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 13428
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#

