

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
 Data File : VU028855.D
 Acq On : 21 Dec 2018 03:33
 Operator : MD/SY
 Sample : J6513-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F72

Quant Time: Dec 21 07:44:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 05:57:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	216105	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	202074	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88100	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70298	40.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.16%
7) Chloroethane-d5	1.67	69	58901	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.04%
11) 1,1-Dichloroethene-d2	2.27	63	91354	31.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.72%
21) 2-Butanone-d5	4.18	46	130528	107.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.53%
24) Chloroform-d	4.65	84	124389	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
26) 1,2-Dichloroethane-d4	5.31	65	79128	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.24%
32) Benzene-d6	5.34	84	266671	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
36) 1,2-Dichloropropane-d6	6.33	67	94589	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.54%
41) Toluene-d8	7.57	98	239321	46.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.52%
43) trans-1,3-Dichloropropene-	7.85	79	39552	45.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.02%
47) 2-Hexanone-d5	8.31	63	105231	114.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	134126	49.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	90145	50.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.18%

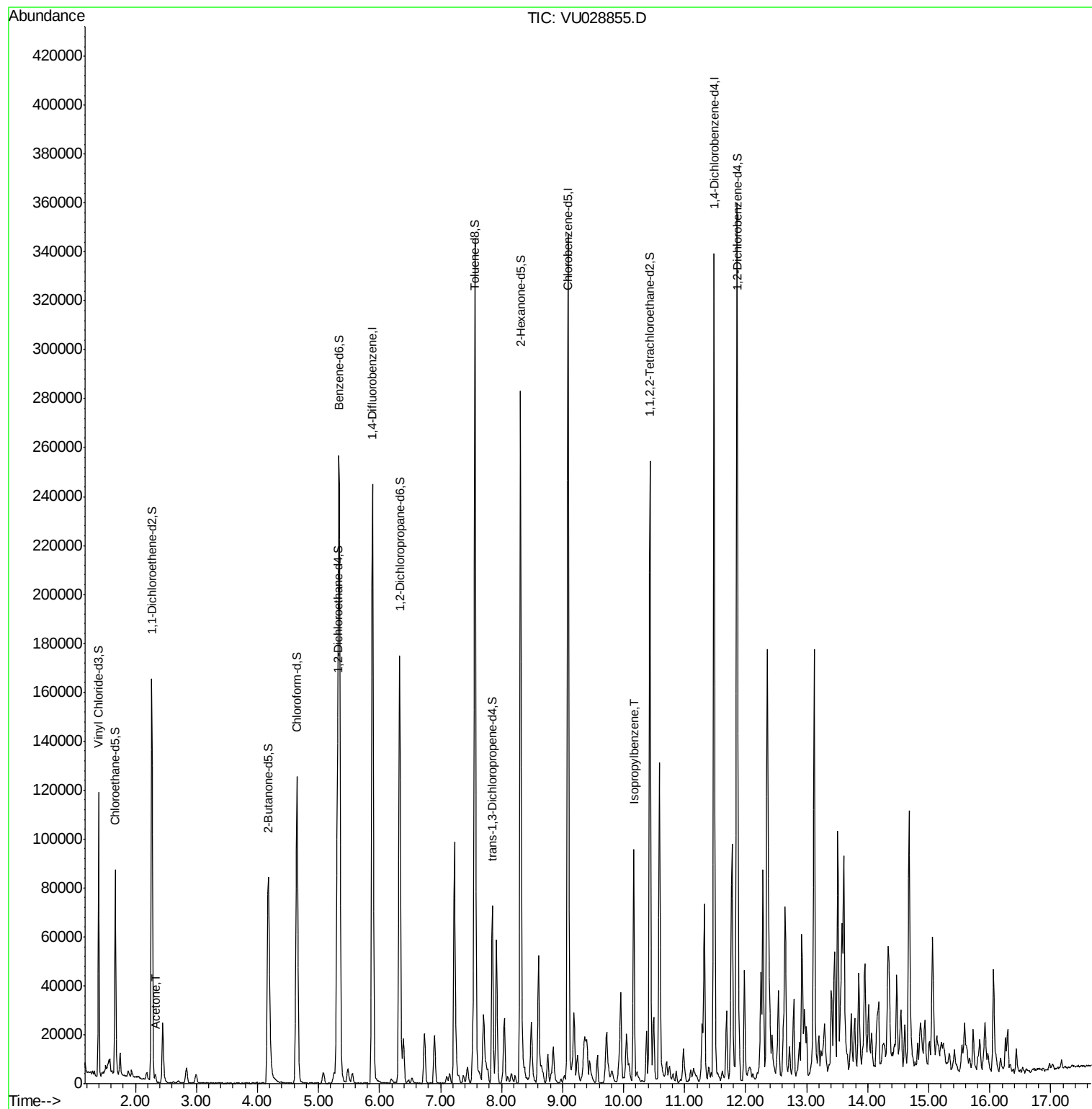
Target Compounds					Qvalue
13) Acetone	2.32	43	2275	1.839 ug/L	92
56) Isopropylbenzene	10.17	105	61285	9.302 ug/L	99

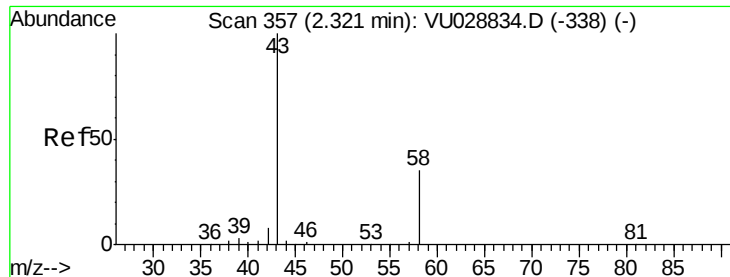
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.839 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

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ClientSampleId :

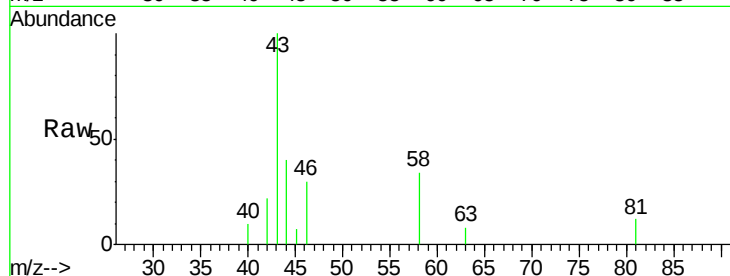
F9F72

Tgt Ion: 43 Resp: 2275

Ion Ratio Lower Upper

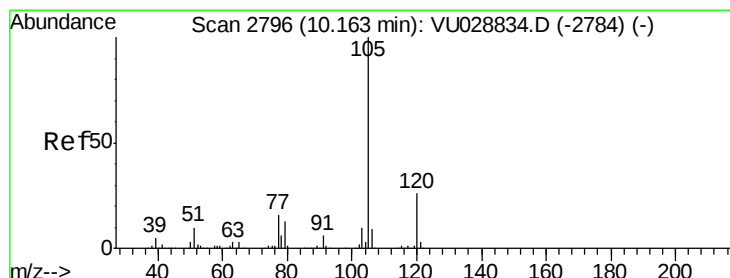
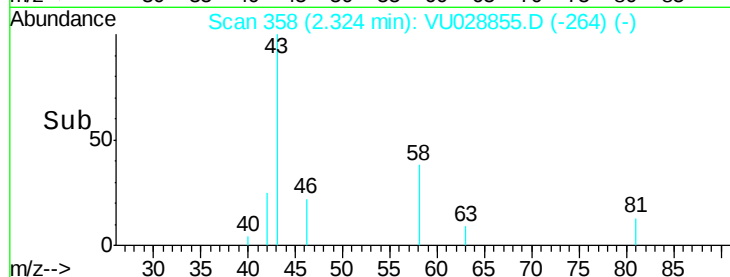
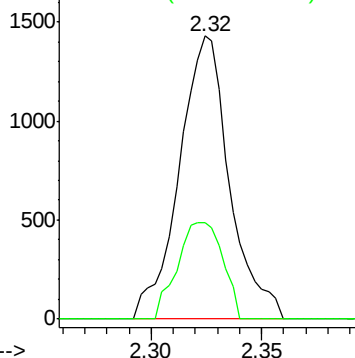
43 100

58 30.6 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#56

Isopropylbenzene

Concen: 9.302 ug/L

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

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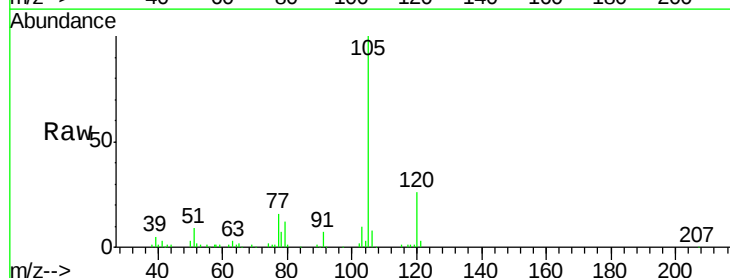
Tgt Ion: 105 Resp: 61285

Ion Ratio Lower Upper

105 100

120 26.7 21.4 32.2

77 16.2 12.3 18.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0

