

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071818\
 Data File : VU025506.D
 Acq On : 18 Jul 2018 19:07
 Operator : MD/SY
 Sample : J4024-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 19 01:10:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 19 01:07:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	315896	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	280749	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	132209	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58052	38.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.94%
7) Chloroethane-d5	1.68	69	55535	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.52%
11) 1,1-Dichloroethene-d2	2.27	63	105383	32.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.44%
21) 2-Butanone-d5	4.18	46	145644	91.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.88%
24) Chloroform-d	4.65	84	172180	44.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.10%
26) 1,2-Dichloroethane-d4	5.32	65	120771	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.84%
32) Benzene-d6	5.35	84	322107	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.96%
36) 1,2-Dichloropropane-d6	6.34	67	110962	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.78%
41) Toluene-d8	7.57	98	298337	45.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.86%
43) trans-1,3-Dichloropropene-	7.85	79	51480	44.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.04%
47) 2-Hexanone-d5	8.31	63	105495	90.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.57%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	158542	47.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	126798	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%

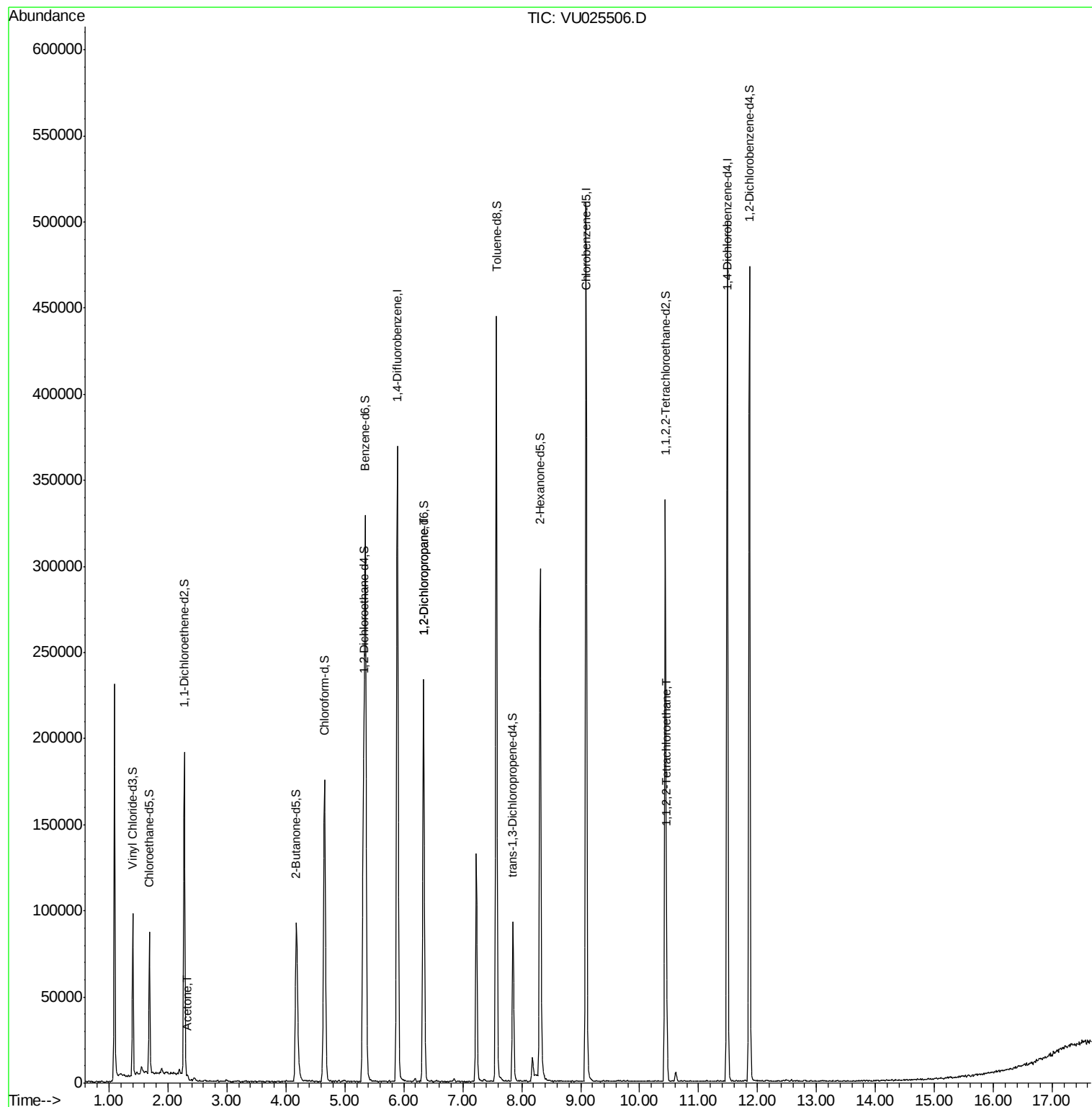
Target Compounds

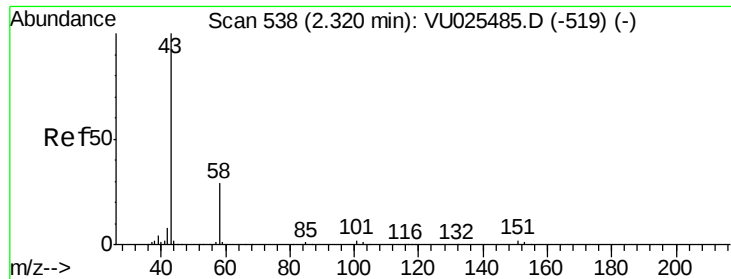
					Qvalue
13) Acetone	2.32	43	1844	1.332 ug/L	91
37) 1,2-Dichloropropane	6.33	63	12796	5.585 ug/L #	88
58) 1,1,2,2-Tetrachloroethane	10.46	83	19922	5.327 ug/L	99

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

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#13

Acetone

Concen: 1.332 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025506.D

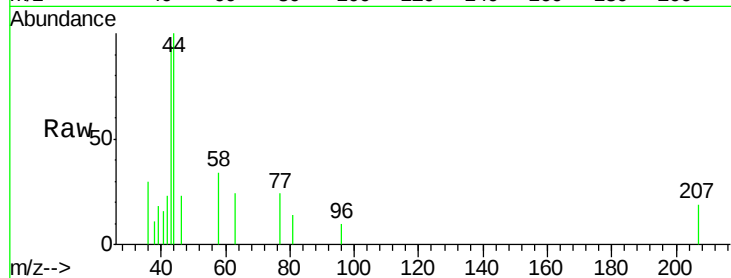
Acq: 18 Jul 2018 19:07

Tgt Ion: 43 Resp: 1844

Ion Ratio Lower Upper

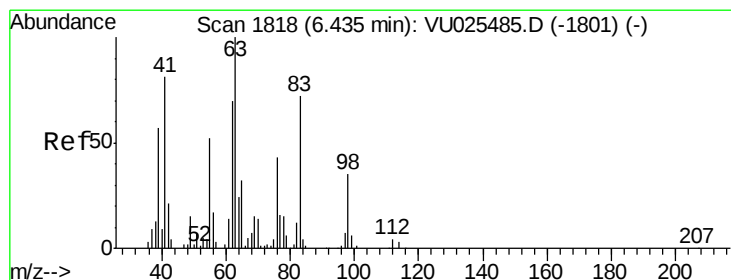
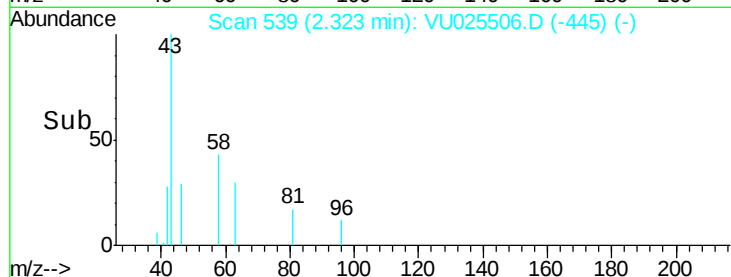
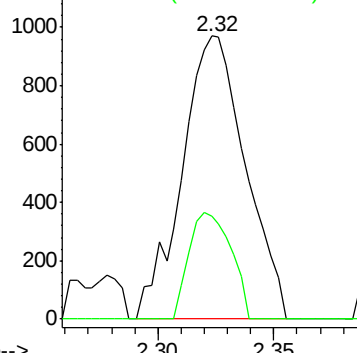
43 100

58 24.8 0.0 59.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 5.585 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU025506.D

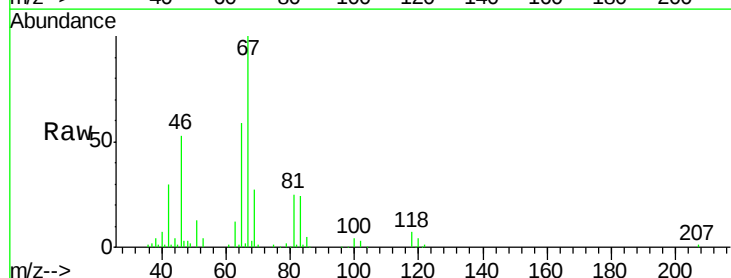
Acq: 18 Jul 2018 19:07

Tgt Ion: 63 Resp: 12796

Ion Ratio Lower Upper

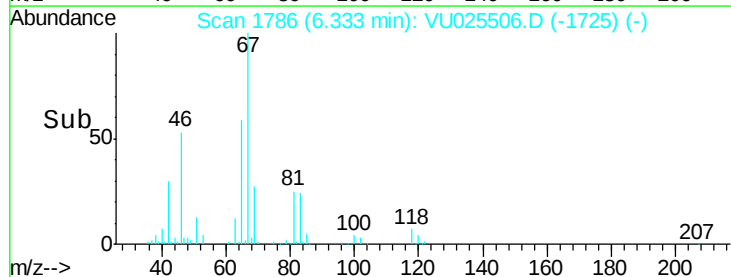
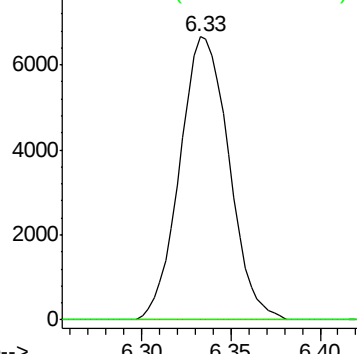
63 100

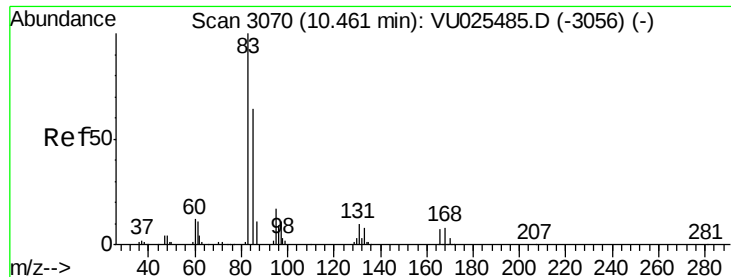
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#58

1,1,2,2-Tetrachloroethane

Concen: 5.327 ug/L

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025506.D

Acq: 18 Jul 2018 19:07

Tgt Ion:	83	Resp:	19922
Ion	Ratio	Lower	Upper
83	100		
85	64.9	44.9	83.5
131	12.3	8.9	13.3

