

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081318\
 Data File : VU026067.D
 Acq On : 13 Aug 2018 14:45
 Operator : MD/SY
 Sample : J4402-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 14 01:15:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 14 01:13:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	279250	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	258180	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	112731	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	98444	48.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.46%
7) Chloroethane-d5	1.68	69	79308	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.02%
11) 1,1-Dichloroethene-d2	2.27	63	147831	38.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.22%
21) 2-Butanone-d5	4.18	46	149987	88.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.16%
24) Chloroform-d	4.65	84	205239	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	5.31	65	141313	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
32) Benzene-d6	5.35	84	406126	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.32%
36) 1,2-Dichloropropane-d6	6.33	67	130658	50.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.74%
41) Toluene-d8	7.57	98	364765	47.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.12%
43) trans-1,3-Dichloropropene-	7.85	79	62893	48.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.24%
47) 2-Hexanone-d5	8.31	63	102318	86.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	176416	46.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	145086	52.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.42%

Target Compounds

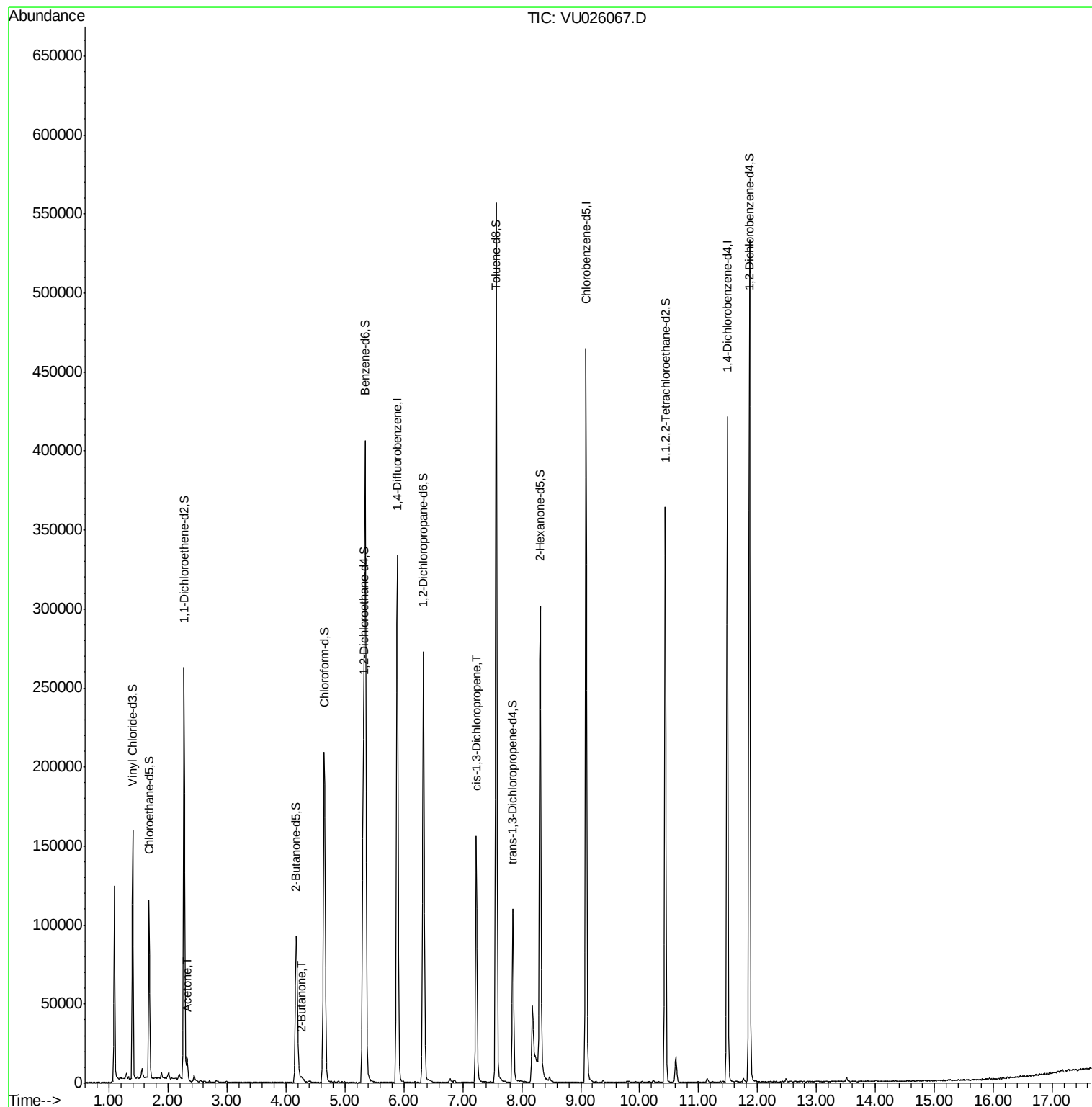
					Ovalue
13) Acetone	2.32	43	14840	14.042 ug/L	96
22) 2-Butanone	4.28	43	3475	2.272 ug/L	87
39) cis-1,3-Dichloropropene	7.23	75	4312	1.414 ug/L #	59

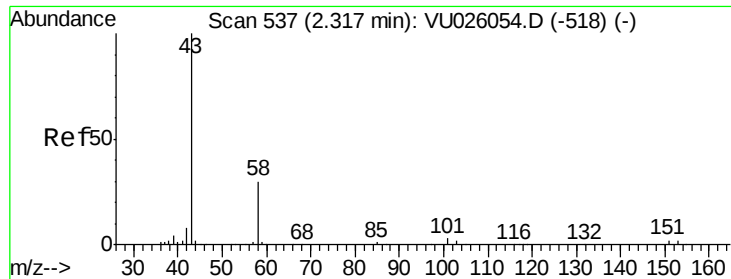
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.042 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026067.D

Acq: 13 Aug 2018 14:45

Instrument :

MSVOA_U

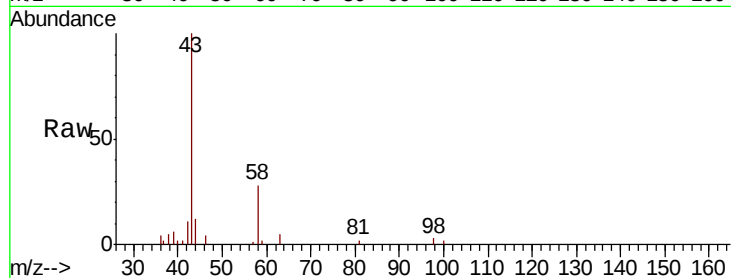
ClientSampleId :

Tot Ion: 43 Resp: 14840

Ion Ratio Lower Upper

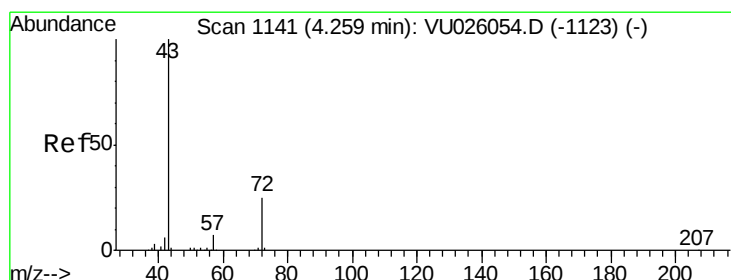
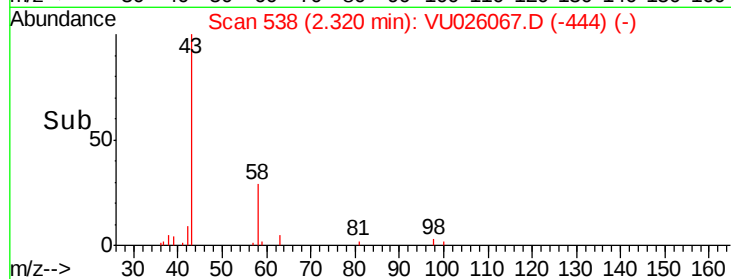
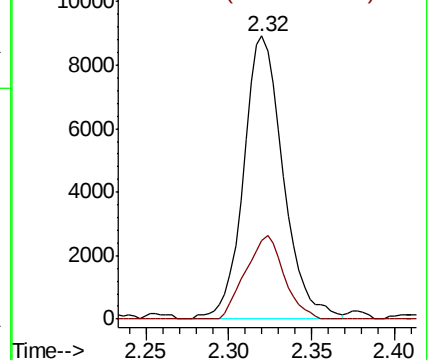
43 100

58 28.7 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#22

2-Butanone

Concen: 2.272 ug/L

RT: 4.28 min Scan# 1147

Delta R.T. 0.02 min

Lab File: VU026067.D

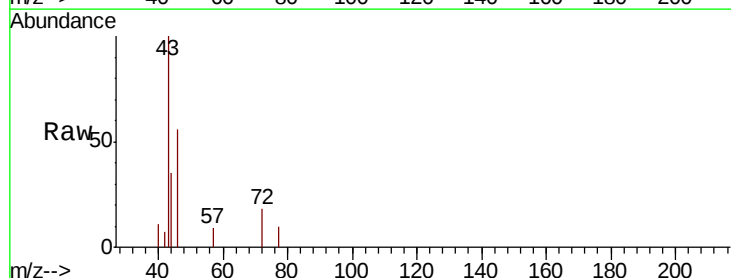
Acq: 13 Aug 2018 14:45

Tgt Ion: 43 Resp: 3475

Ion Ratio Lower Upper

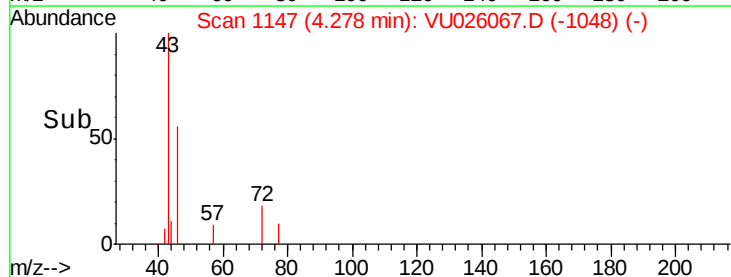
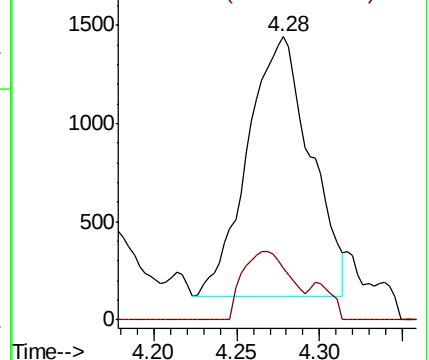
43 100

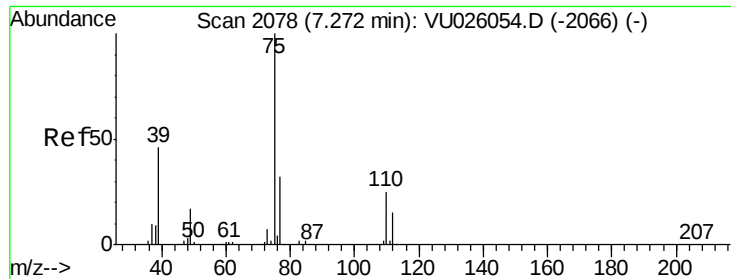
72 20.2 13.5 40.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0





#39

cis-1,3-Dichloropropene

Concen: 1.414 ug/L

RT: 7.23 min Scan# 2066

Delta R.T. -0.04 min

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Acq: 13 Aug 2018 14:45

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 4312

Ion Ratio Lower Upper

75 100

77 54.1 22.1 41.1#

