

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081318\
 Data File : VU026066.D
 Acq On : 13 Aug 2018 14:20
 Operator : MD/SY
 Sample : J4401-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 14 01:15:43 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	278786	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	263939	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	114625	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	95419	46.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.64%
7) Chloroethane-d5	1.68	69	79024	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.82%
11) 1,1-Dichloroethene-d2	2.27	63	146111	37.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.46%
21) 2-Butanone-d5	4.18	46	149759	88.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.18%
24) Chloroform-d	4.65	84	207827	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.18%
26) 1,2-Dichloroethane-d4	5.31	65	140014	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.94%
32) Benzene-d6	5.34	84	402675	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.26%
36) 1,2-Dichloropropane-d6	6.33	67	131148	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.90%
41) Toluene-d8	7.57	98	366172	46.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.85	79	63870	47.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.60%
47) 2-Hexanone-d5	8.31	63	103307	85.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	176815	45.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	143158	50.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.32%

Target Compounds

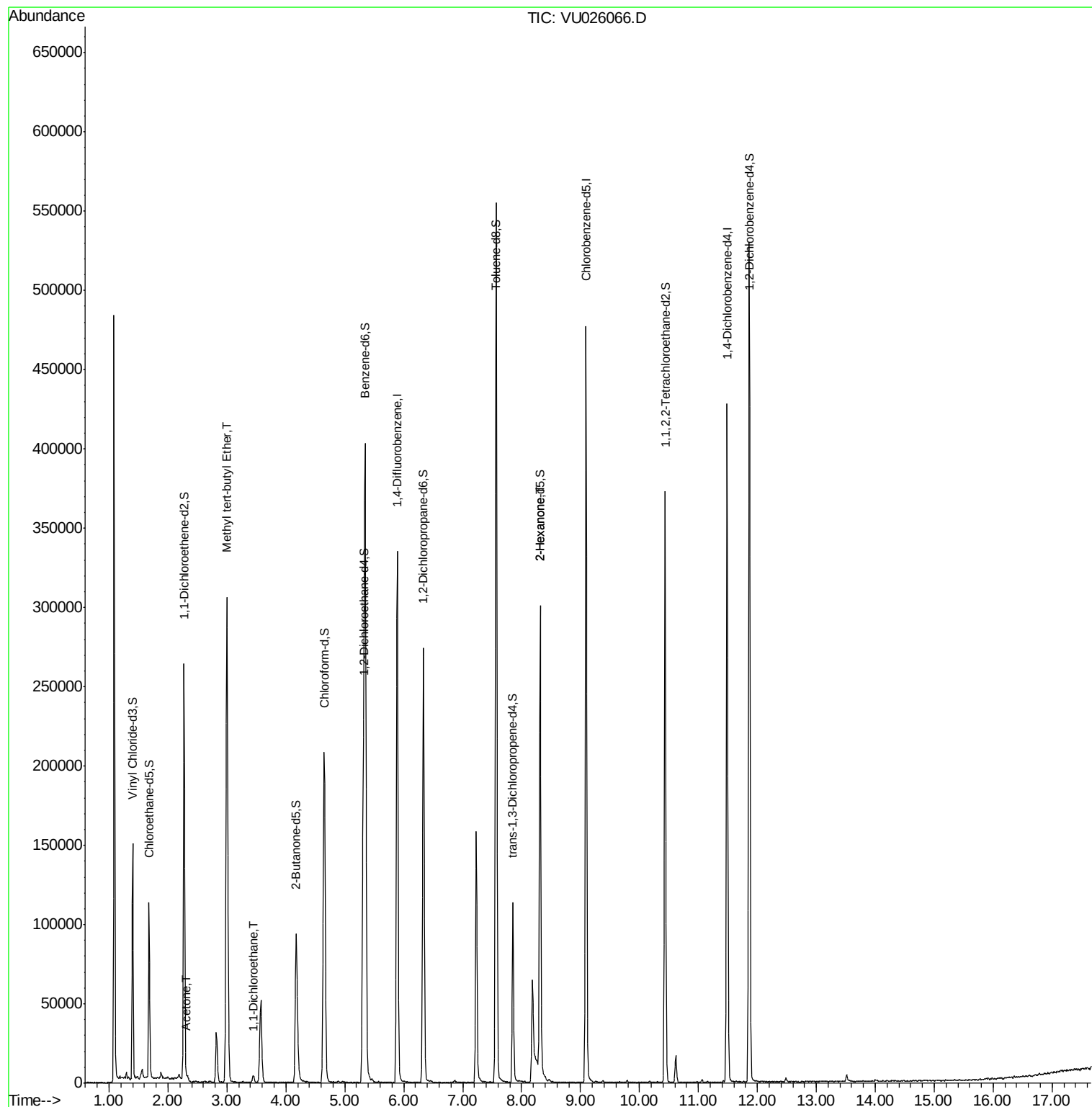
					Ovalue
13) Acetone	2.32	43	1543	1.462 ug/L	88
18) Methyl tert-butyl Ether	3.00	73	320051	54.304 ug/L	99
19) 1,1-Dichloroethane	3.45	63	5216	1.500 ug/L	93
48) 2-Hexanone	8.31	43	12419	5.640 ug/L #	66

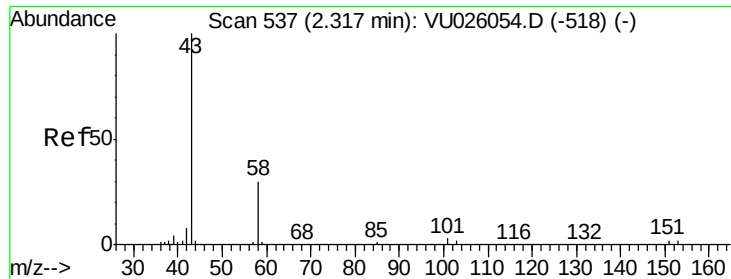
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.462 ug/L

RT: 2.32 min Scan# 537

Delta R.T. -0.00 min

Lab File: VU026066.D

Acq: 13 Aug 2018 14:20

Instrument :

MSVOA_U

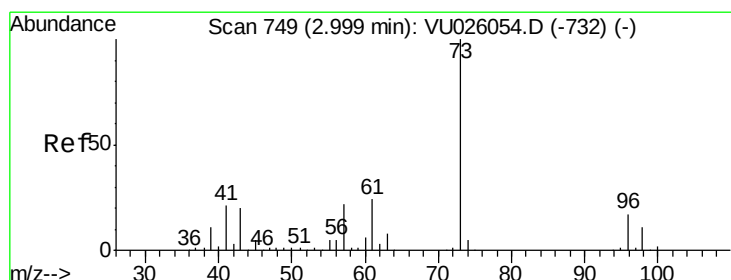
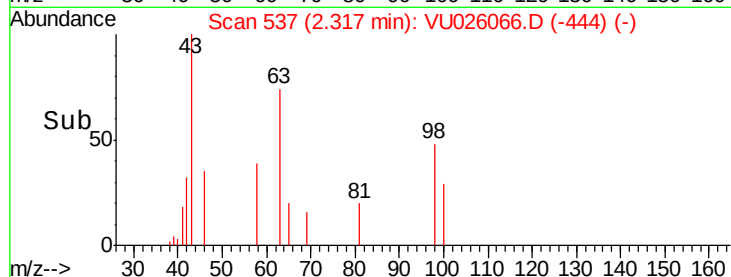
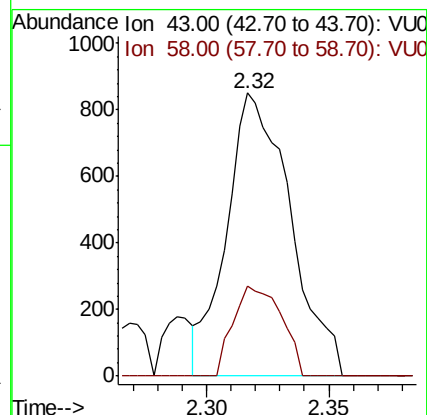
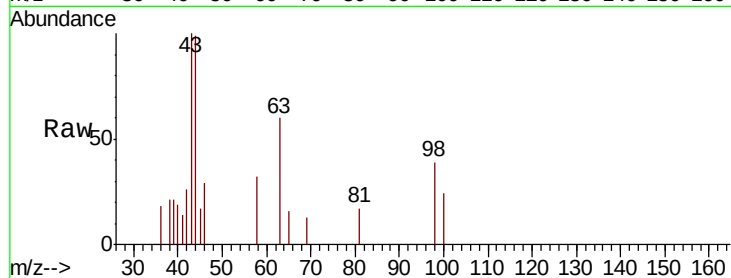
ClientSampled :

Tot Ion: 43 Resp: 1543

Ion Ratio Lower Upper

43 100

58 24.1 0.0 61.8



#18

Methyl tert-butyl Ether

Concen: 54.304 ug/L

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU026066.D

Acq: 13 Aug 2018 14:20

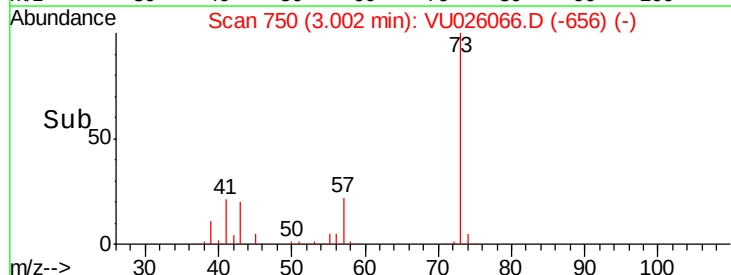
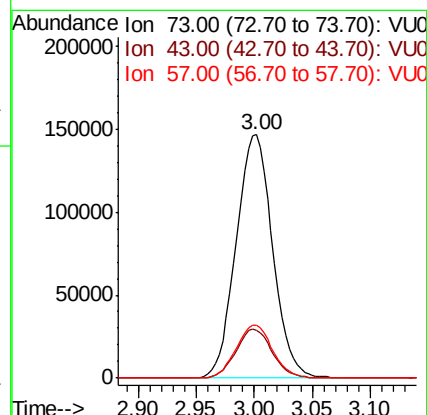
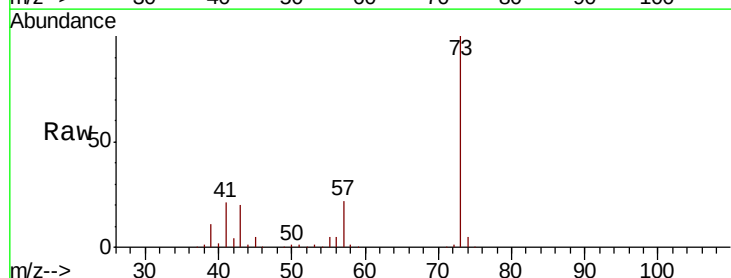
Tgt Ion: 73 Resp: 320051

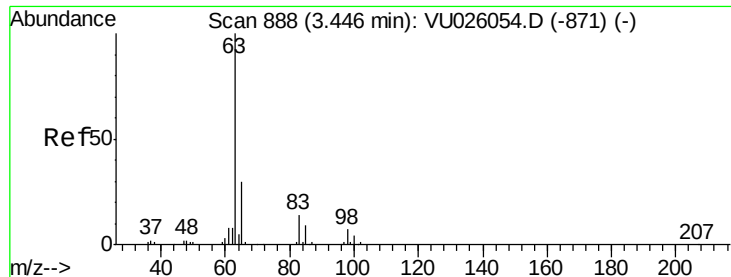
Ion Ratio Lower Upper

73 100

43 20.2 16.3 24.5

57 21.7 17.1 25.7

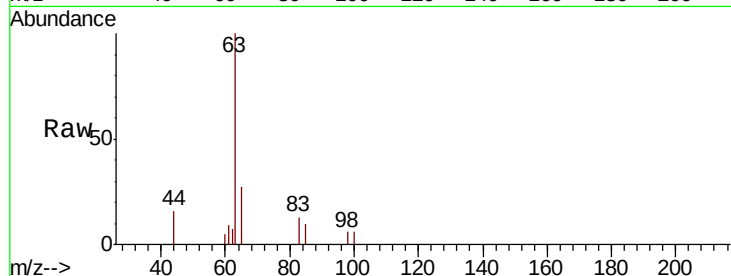




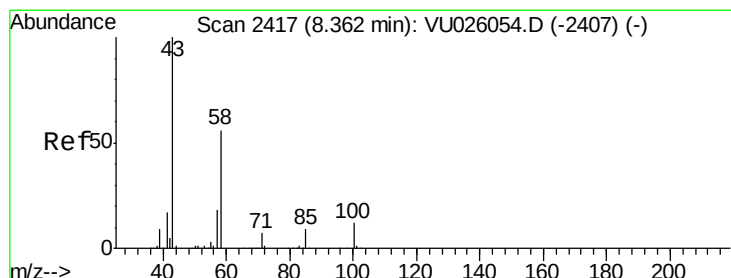
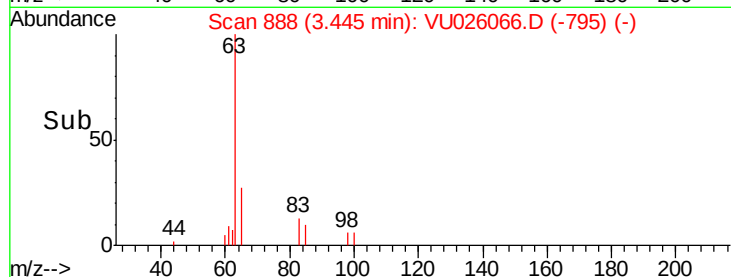
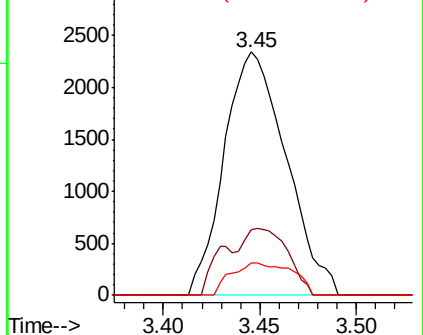
#19
 1,1-Dichloroethane
 Concen: 1.500 ug/L
 RT: 3.45 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: VU026066.D
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Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 5216
 Ion Ratio Lower Upper
 63 100
 65 27.2 22.4 41.6
 83 13.1 10.1 18.9

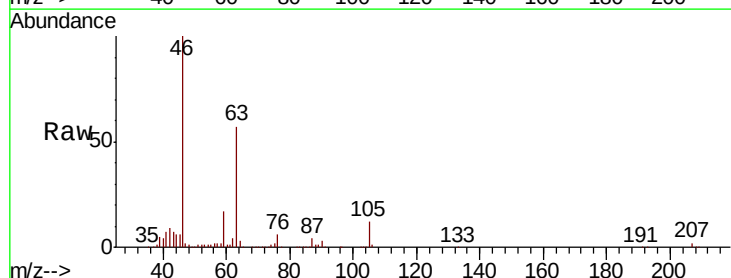


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 65.00 (64.70 to 65.70): VU0
 Ion 83.00 (82.70 to 83.70): VU0



#48
 2-Hexanone
 Concen: 5.640 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU026066.D
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Tgt Ion: 43 Resp: 12419
 Ion Ratio Lower Upper
 43 100
 58 25.6 43.6 65.4#
 57 28.5 15.1 22.7#
 100 0.3 9.3 13.9#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

