

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053019\
 Data File : VU032375.D
 Acq On : 30 May 2019 12:40
 Operator : JC/SP
 Sample : K3017-24
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A51G2

Quant Time: May 31 04:58:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 04:34:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	709898	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	704763	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	301871	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	218537	41.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.52%
7) Chloroethane-d5	1.67	69	198385	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.90%
11) 1,1-Dichloroethene-d2	2.27	63	321733	34.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.22%
21) 2-Butanone-d5	4.17	46	344957	100.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.17%
24) Chloroform-d	4.64	84	446275	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.46%
26) 1,2-Dichloroethane-d4	5.31	65	270119	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
32) Benzene-d6	5.34	84	925243	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
36) 1,2-Dichloropropane-d6	6.32	67	282098	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.32%
41) Toluene-d8	7.56	98	820184	47.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.10%
43) trans-1,3-Dichloropropene-	7.85	79	118425	45.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.14%
47) 2-Hexanone-d5	8.31	63	255261	106.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	423429	48.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	324070	52.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.30%

Target Compounds

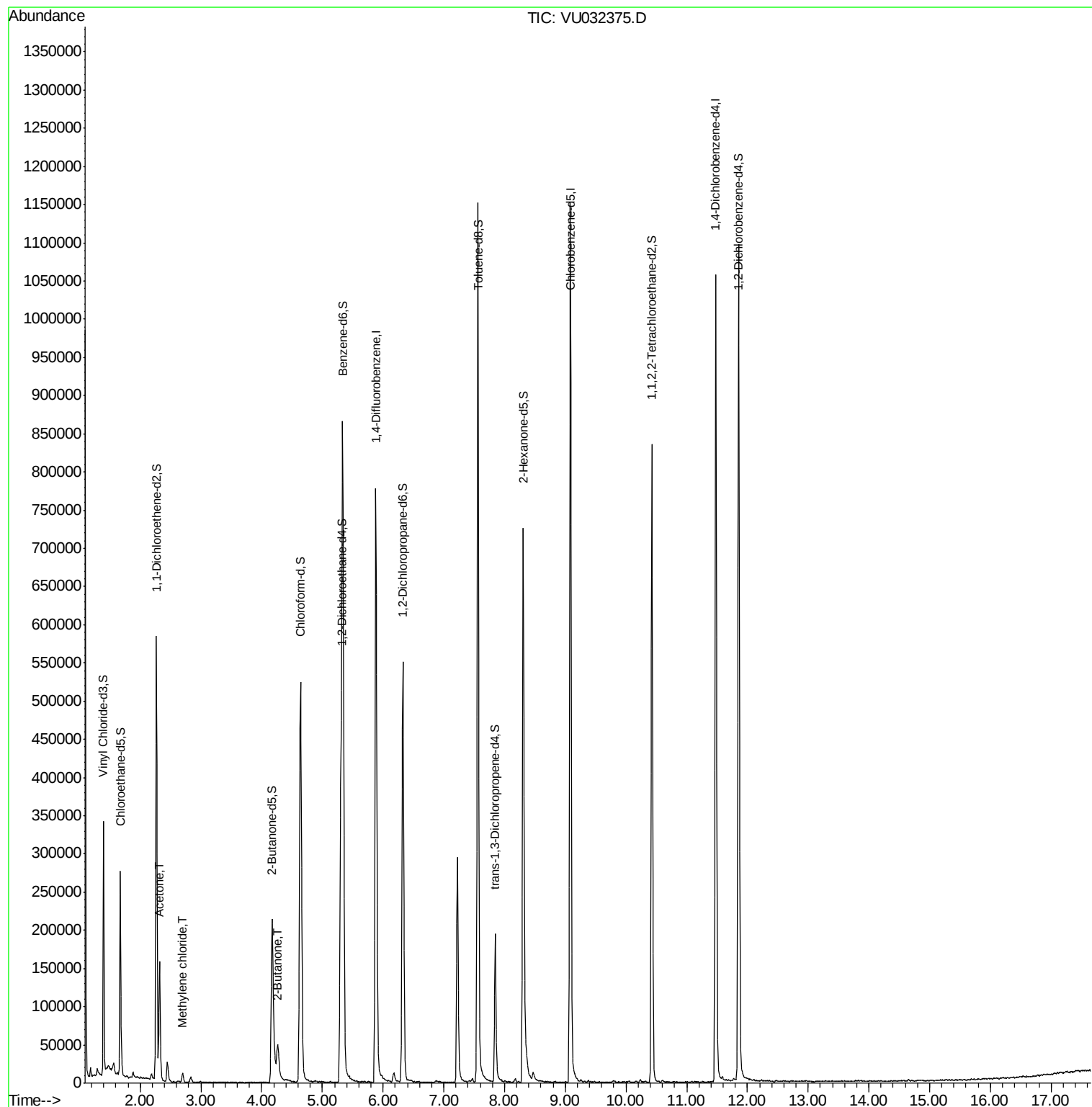
					Ovalue
13) Acetone	2.32	43	158060	48.703 ug/L	97
16) Methylene chloride	2.70	84	6022	1.124 ug/L	100
22) 2-Butanone	4.27	43	73205	18.729 ug/L	93

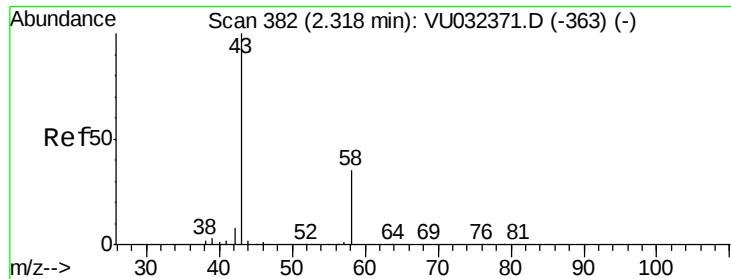
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 48.703 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032375.D

Acq: 30 May 2019 12:40

Instrument :

MSVOA_U

ClientSampled :

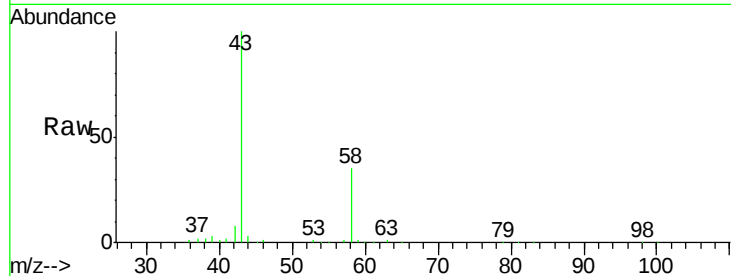
A51G2

Tot Ion: 43 Resp: 158060

Ion Ratio Lower Upper

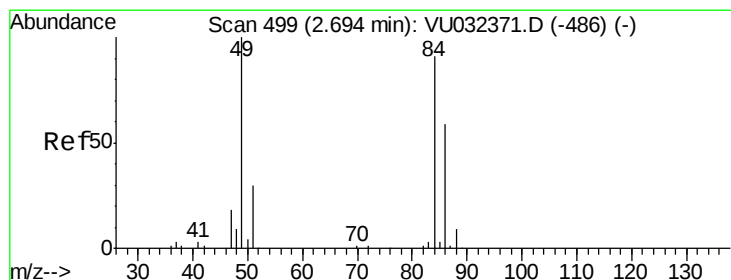
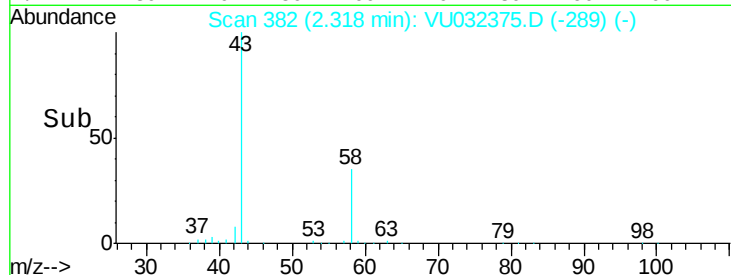
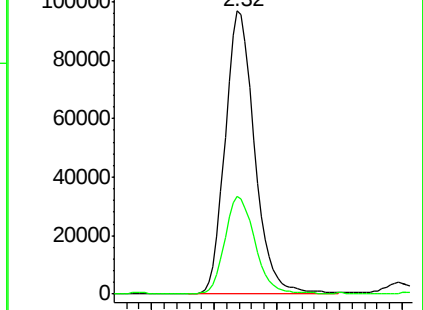
43 100

58 35.3 0.0 73.6



Abundance Ion 43.00 (42.70 to 43.70): VU032375.D (-289) (-)

Ion 58.00 (57.70 to 58.70): VU032375.D (-289) (-)



#16

Methylene chloride

Concen: 1.124 ug/L

RT: 2.70 min Scan# 502

Delta R.T. 0.01 min

Lab File: VU032375.D

Acq: 30 May 2019 12:40

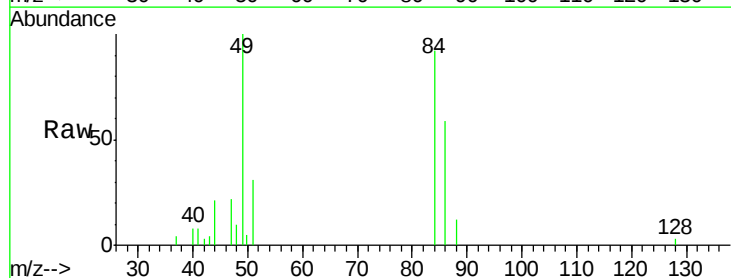
Tgt Ion: 84 Resp: 6022

Ion Ratio Lower Upper

84 100

86 63.6 45.0 83.6

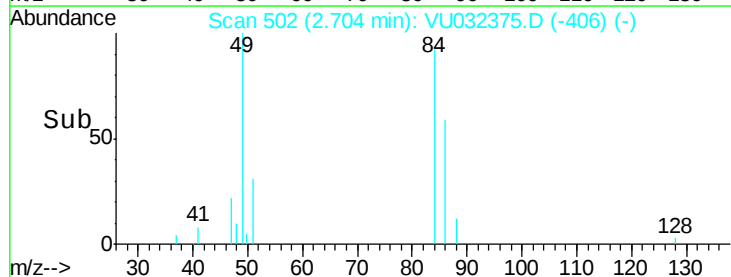
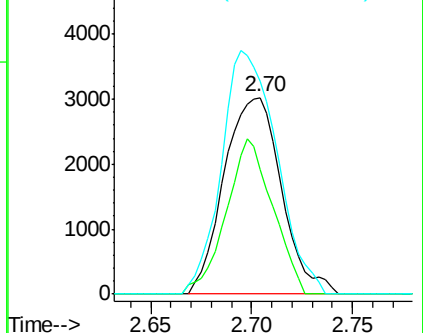
49 108.5 75.9 140.9

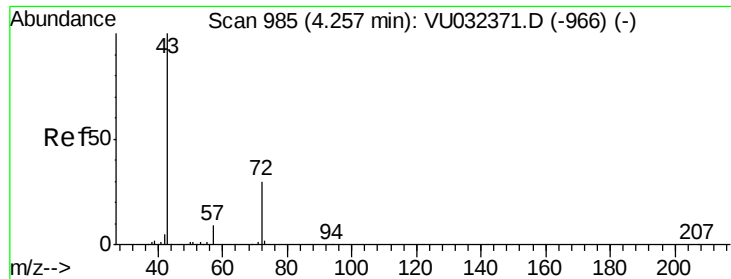


Abundance Ion 84.00 (83.70 to 84.70): VU032375.D (-406) (-)

Ion 86.00 (85.70 to 86.70): VU032375.D (-406) (-)

Ion 49.00 (48.70 to 49.70): VU032375.D (-406) (-)





#22
 2-Butanone
 Concen: 18.729 ug/L
 RT: 4.27 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: VU032375.D
 Acq: 30 May 2019 12:40

Instrument :
 MSVOA_U
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 A51G2

Tot Ion: 43 Resp: 73205
 Ion Ratio Lower Upper
 43 100
 72 26.7 15.3 45.8

