

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053019\
 Data File : VU032376.D
 Acq On : 30 May 2019 13:04
 Operator : JC/SP
 Sample : K3017-24RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A51G2RE

Quant Time: May 31 05:00:01 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	708218	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	688530	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	302072	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	216285	41.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.86%
7) Chloroethane-d5	1.67	69	200784	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.26%
11) 1,1-Dichloroethene-d2	2.27	63	326826	35.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.48%
21) 2-Butanone-d5	4.17	46	354098	103.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.07%
24) Chloroform-d	4.64	84	439647	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.24%
26) 1,2-Dichloroethane-d4	5.30	65	277468	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.64%
32) Benzene-d6	5.33	84	935399	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.32	67	286647	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.26%
41) Toluene-d8	7.56	98	825045	48.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.92%
43) trans-1,3-Dichloropropene-	7.85	79	124794	48.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.22%
47) 2-Hexanone-d5	8.31	63	257951	109.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	424518	49.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	324966	52.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.52%

Target Compounds

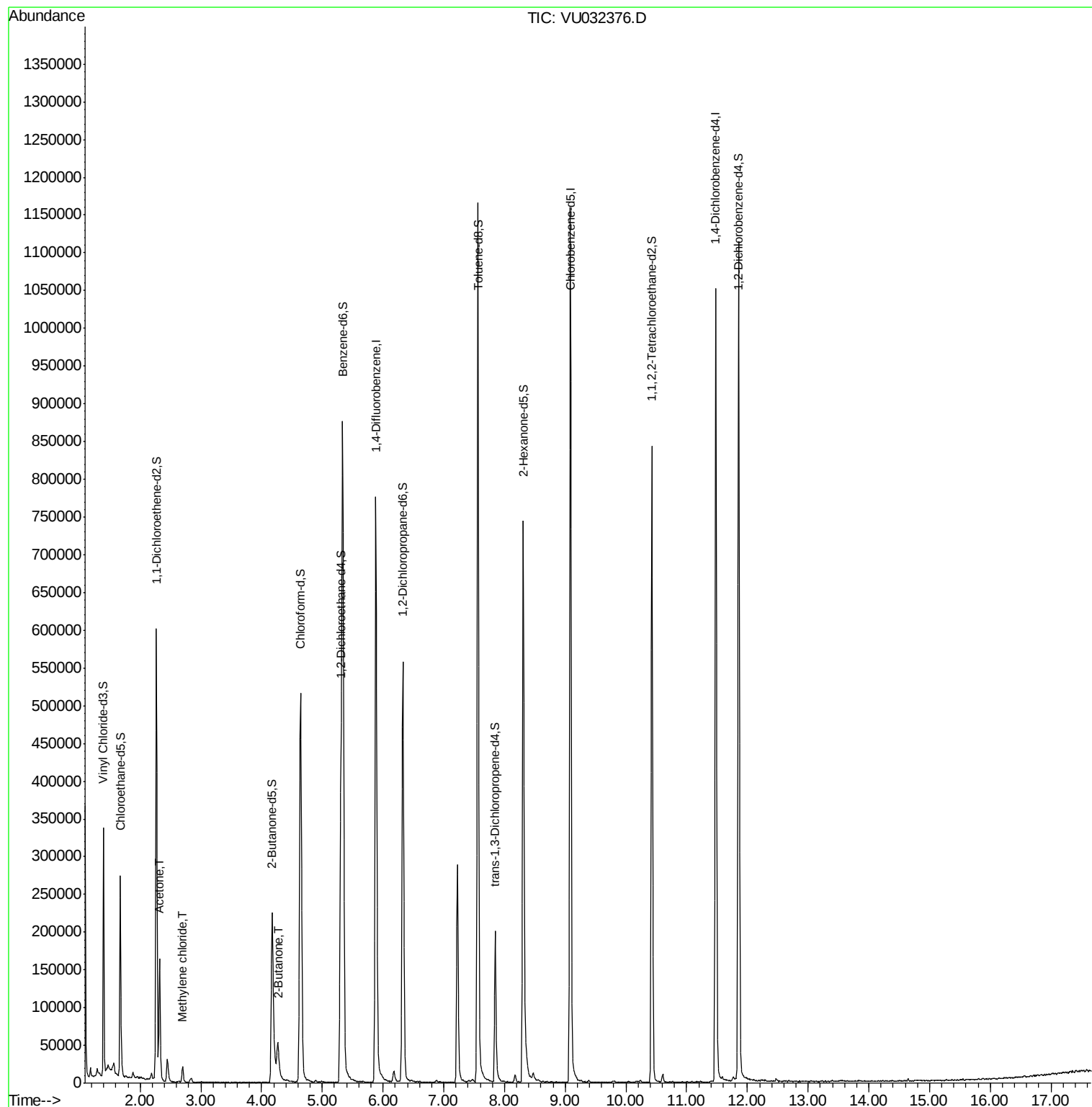
					Ovalue
13) Acetone	2.32	43	161498	49.880 ug/L	98
16) Methylene chloride	2.70	84	10575	1.979 ug/L	98
22) 2-Butanone	4.27	43	76513	19.622 ug/L	99

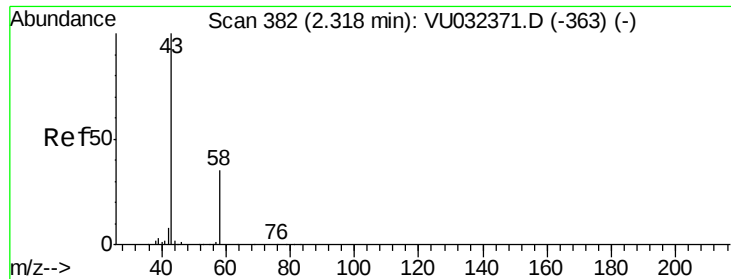
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 49.880 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032376.D

Acq: 30 May 2019 13:04

Instrument :

MSVOA_U

ClientSampleId :

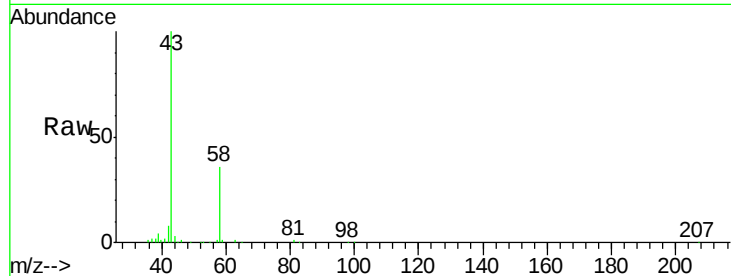
A51G2RE

Tot Ion: 43 Resp: 161498

Ion Ratio Lower Upper

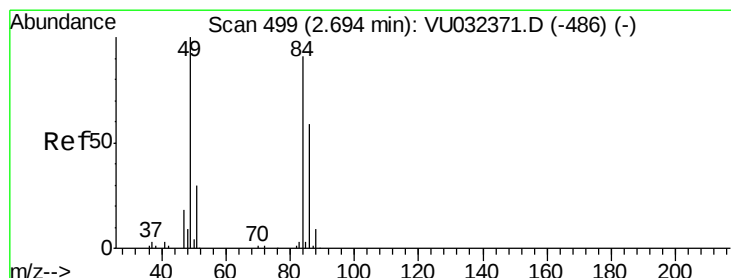
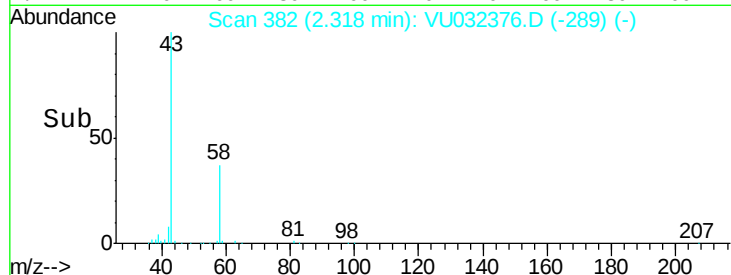
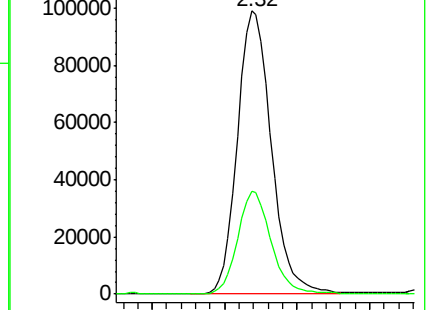
43 100

58 35.4 0.0 73.6



Abundance Ion 43.00 (42.70 to 43.70): VU032376.D (-289) (-)

Ion 58.00 (57.70 to 58.70): VU032376.D (-289) (-)



#16

Methylene chloride

Concen: 1.979 ug/L

RT: 2.70 min Scan# 501

Delta R.T. 0.01 min

Lab File: VU032376.D

Acq: 30 May 2019 13:04

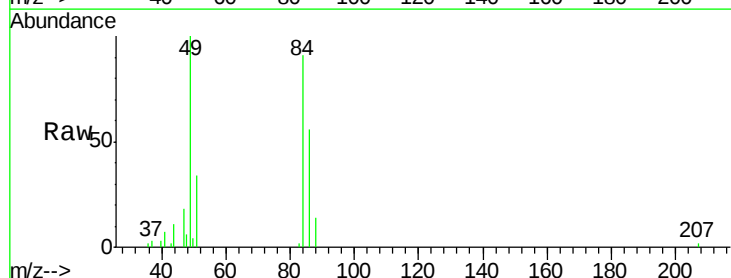
Tgt Ion: 84 Resp: 10575

Ion Ratio Lower Upper

84 100

86 60.8 45.0 83.6

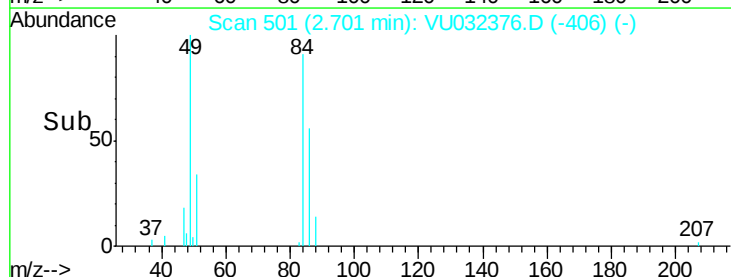
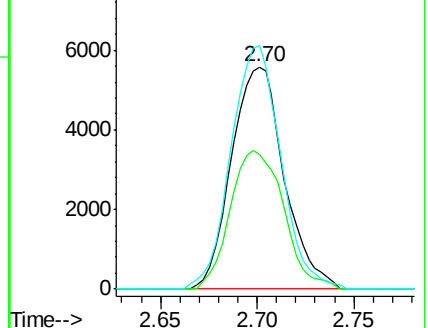
49 109.5 75.9 140.9

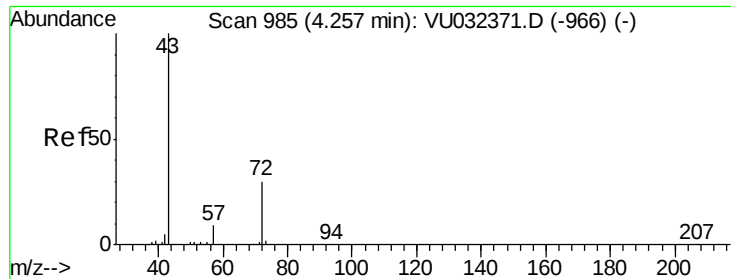


Abundance Ion 84.00 (83.70 to 84.70): VU032376.D (-406) (-)

Ion 86.00 (85.70 to 86.70): VU032376.D (-406) (-)

Ion 49.00 (48.70 to 49.70): VU032376.D (-406) (-)





#22
 2-Butanone
 Concen: 19.622 ug/L
 RT: 4.27 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: VU032376.D
 Acq: 30 May 2019 13:04

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Tot Ion: 43 Resp: 76513
 Ion Ratio Lower Upper
 43 100
 72 29.7 15.3 45.8

