

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042219\
 Data File : VU031385.D
 Acq On : 22 Apr 2019 11:41
 Operator : JC/SP
 Sample : K2403-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A5133

Quant Time: Apr 23 01:13:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:59:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	540534	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	480382	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	193881	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	187753	37.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.44%
7) Chloroethane-d5	1.68	69	155955	36.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.16%
11) 1,1-Dichloroethene-d2	2.27	63	267085	27.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.16%#
21) 2-Butanone-d5	4.19	46	377482	104.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.12%
24) Chloroform-d	4.64	84	324981	39.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.26%
26) 1,2-Dichloroethane-d4	5.31	65	197818	38.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.34%
32) Benzene-d6	5.34	84	669111	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.12%
36) 1,2-Dichloropropane-d6	6.32	67	222814	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.42%
41) Toluene-d8	7.56	98	569383	42.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.22%
43) trans-1,3-Dichloropropene-	7.85	79	95331	40.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.92%
47) 2-Hexanone-d5	8.31	63	263953	113.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	281330	41.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	199547	44.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.76%

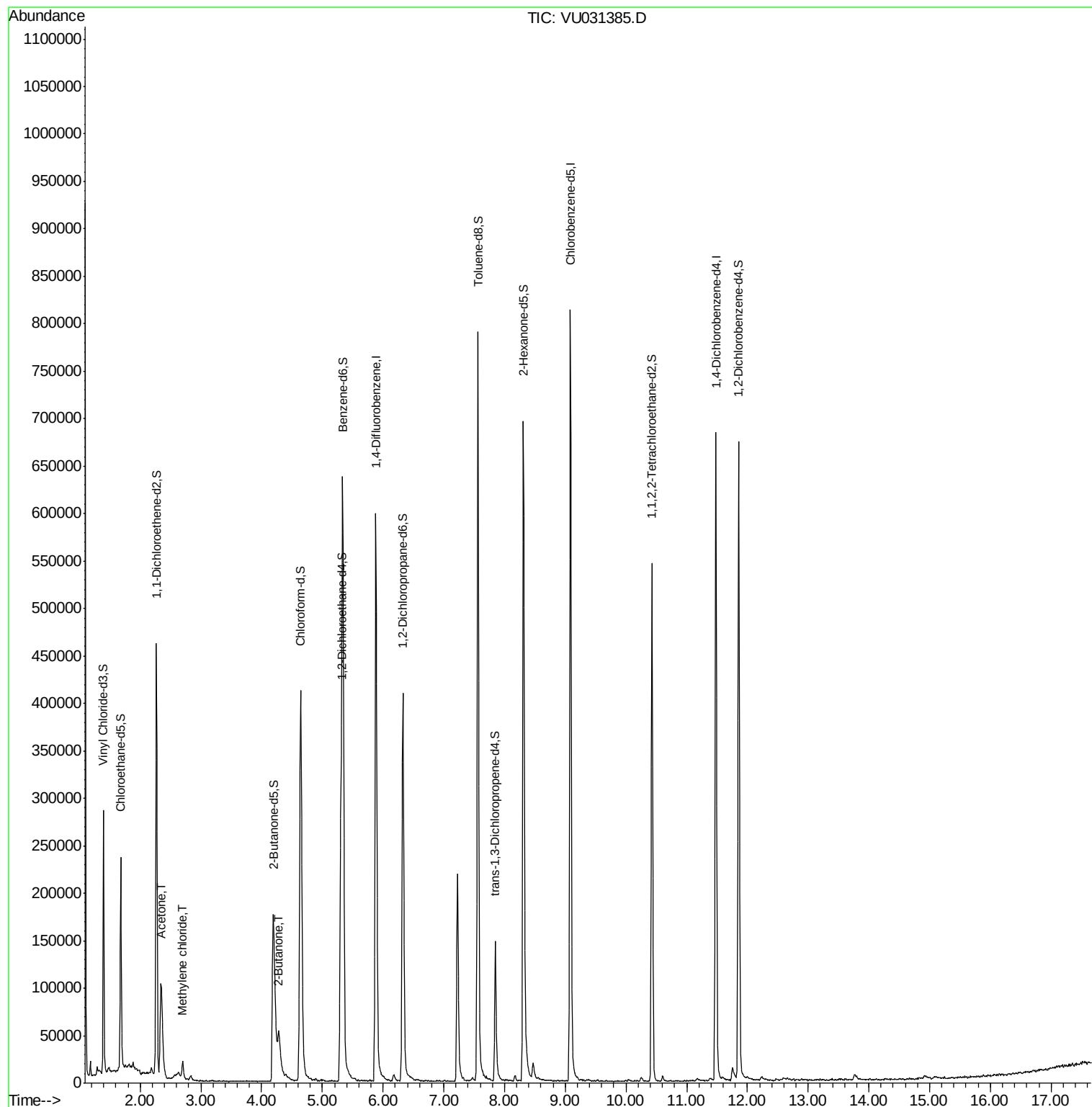
Target Compounds					Ovalue
13) Acetone	2.34	43	179873	64.469 ug/L	95
16) Methylene chloride	2.70	84	7095	1.721 ug/L	85
22) 2-Butanone	4.28	43	90549	23.681 ug/L	85

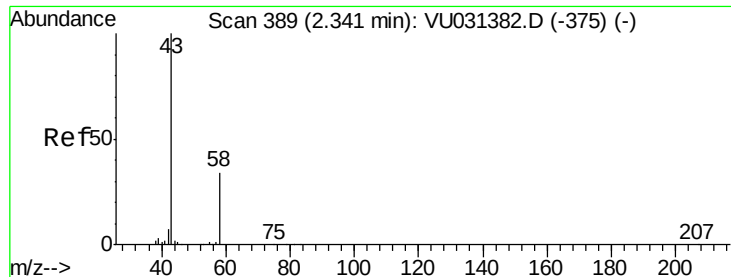
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 64.469 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU031385.D

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Instrument :

MSVOA_U

ClientSampleId :

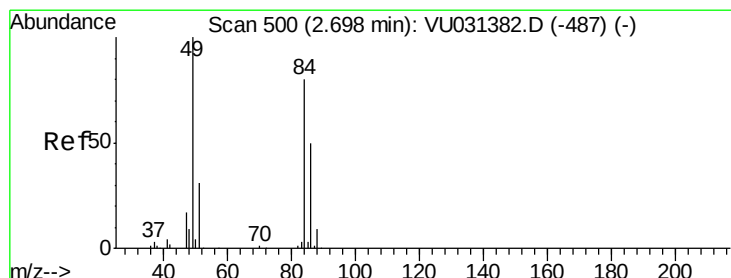
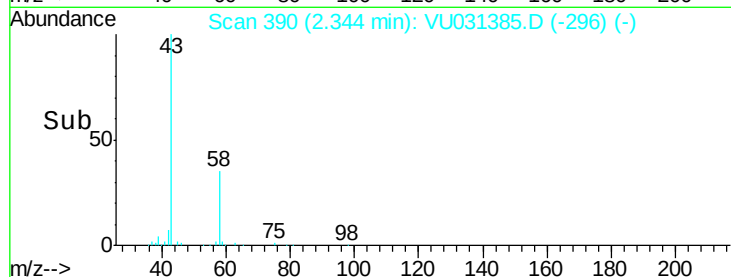
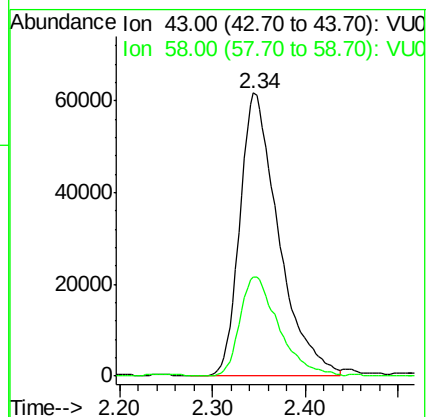
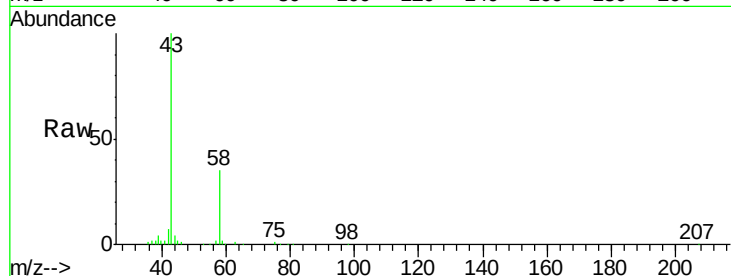
A5133

Tot Ion: 43 Resp: 179873

Ion Ratio Lower Upper

43 100

58 35.2 0.0 65.0



#16

Methylene chloride

Concen: 1.721 ug/L

RT: 2.70 min Scan# 501

Delta R.T. 0.00 min

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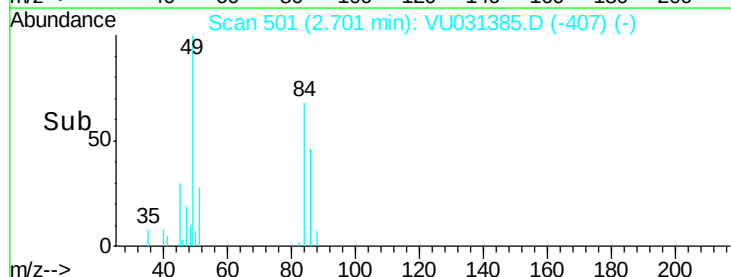
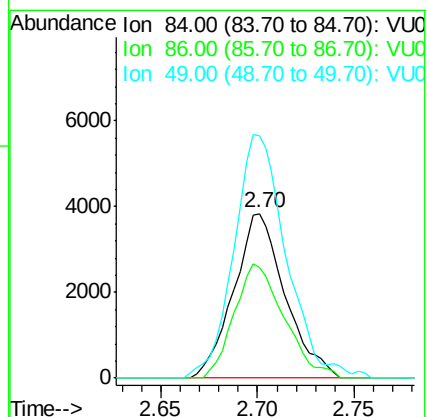
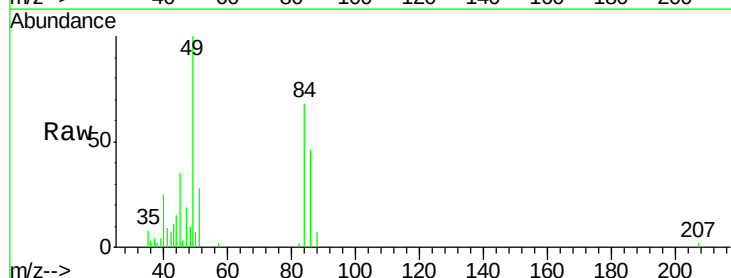
Tgt Ion: 84 Resp: 7095

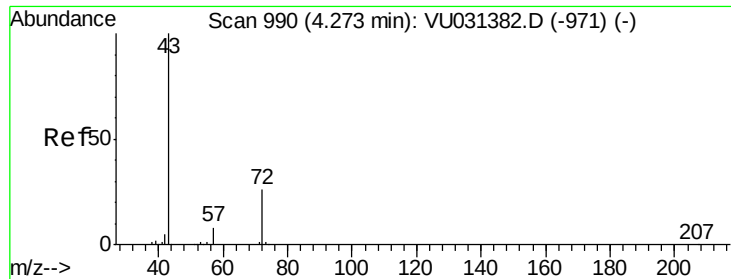
Ion Ratio Lower Upper

84 100

86 67.6 44.0 81.8

49 147.5 88.0 163.4





#22
 2-Butanone
 Concen: 23.681 ug/L
 RT: 4.28 min Scan# 993
 Delta R.T. 0.01 min
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 MSVOA_U
 ClientSampleId :
 A5133

Tot Ion: 43 Resp: 90549
 Ion Ratio Lower Upper
 43 100
 72 17.5 12.6 37.8

