

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030700.D
 Acq On : 04 Apr 2019 22:05
 Operator : JC/SP
 Sample : K2246-12ME
 Misc : 4.68g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2P8

Quant Time: Apr 05 02:22:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 02:15:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	446812	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	438411	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	197149	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	166091	41.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.28%
7) Chloroethane-d5	1.64	69	116110	38.36	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.72%
11) 1,1-Dichloroethene-d2	2.23	63	244483	33.89	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.78%
21) 2-Butanone-d5	4.19	46	297297	94.05	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.05%
24) Chloroform-d	4.64	84	261077	42.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.70%
26) 1,2-Dichloroethane-d4	5.30	65	194457	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.54%
32) Benzene-d6	5.33	84	569305	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.96%
36) 1,2-Dichloropropane-d6	6.32	67	202658	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.40%
41) Toluene-d8	7.56	98	484440	42.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.85	79	84778	42.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.78%
47) 2-Hexanone-d5	8.32	63	210718	105.11	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	292836	49.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	185061	47.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.46%

Target Compounds

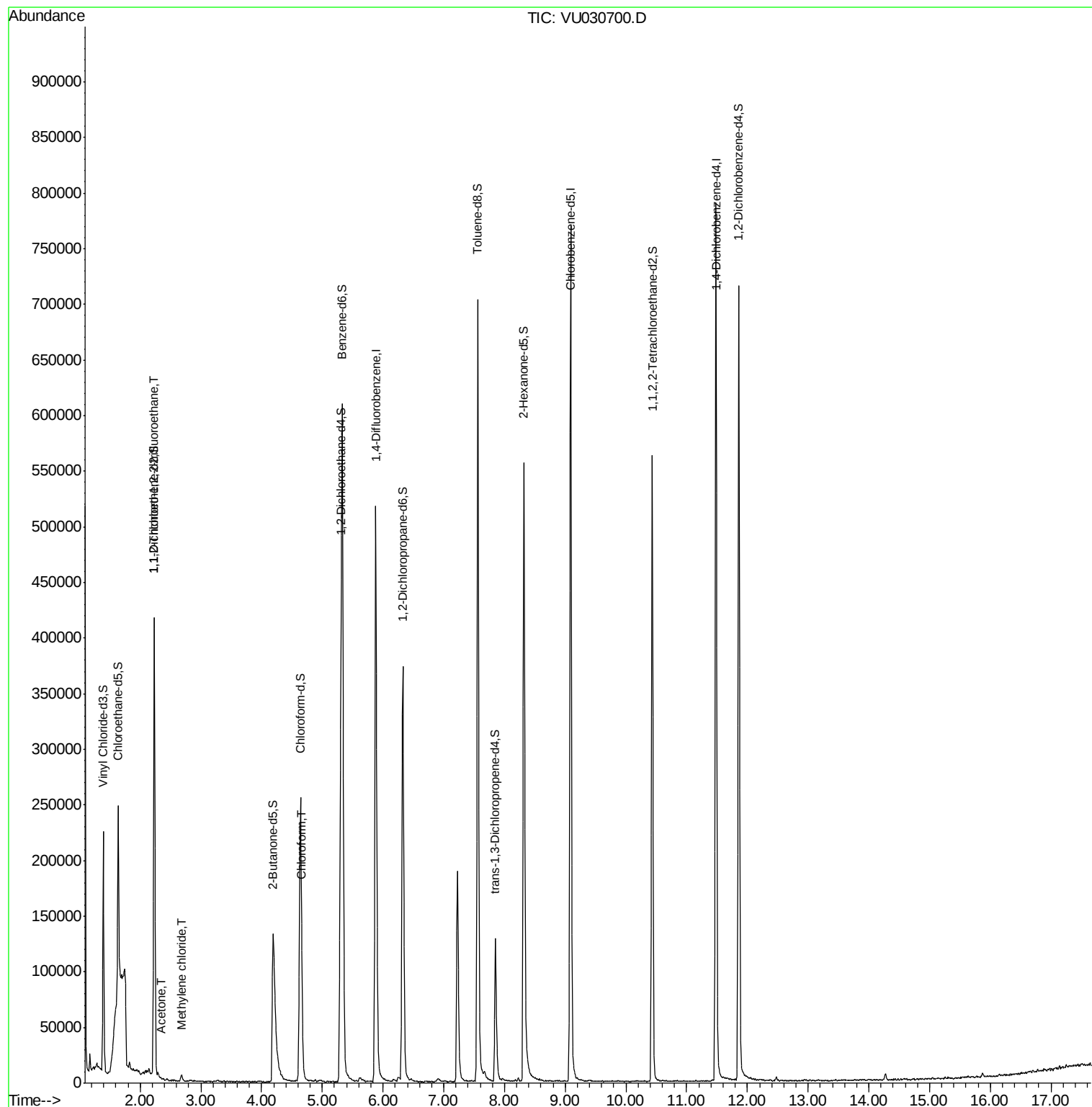
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	1873	0.585	ug/L	# 20
13) Acetone	2.34	43	1719	0.531	ug/L	55
16) Methylene chloride	2.68	84	2492	0.664	ug/L	97
25) Chloroform	4.67	83	18283	2.688	ug/L	99

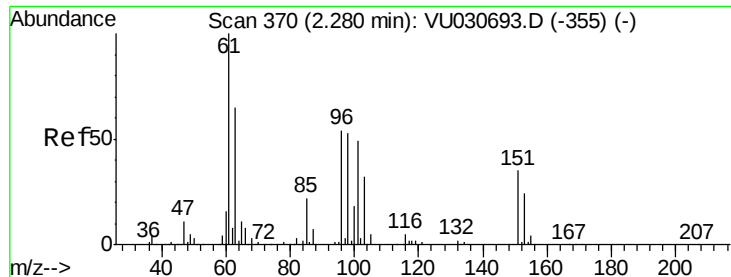
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 05 02:15:56 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.585 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.05 min

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Acq: 04 Apr 2019 22:05

Instrument :

MSVOA_U

ClientSampleId :

BF2P8

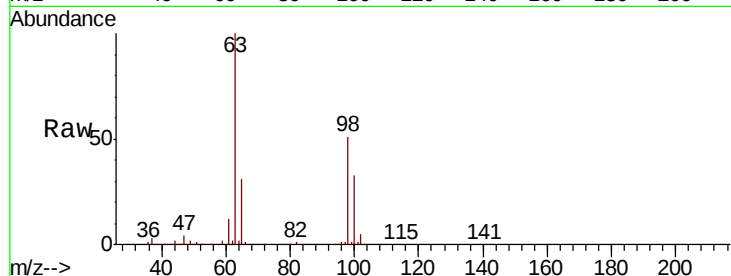
Tot Ion:101 Resp: 1873

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

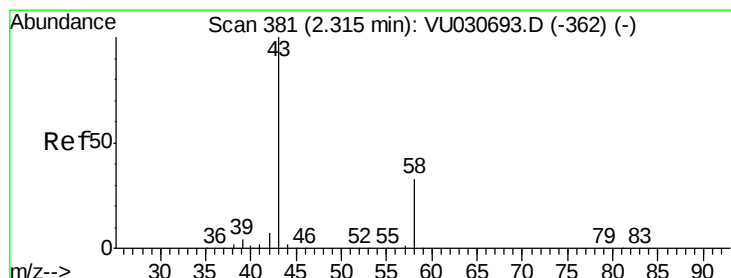
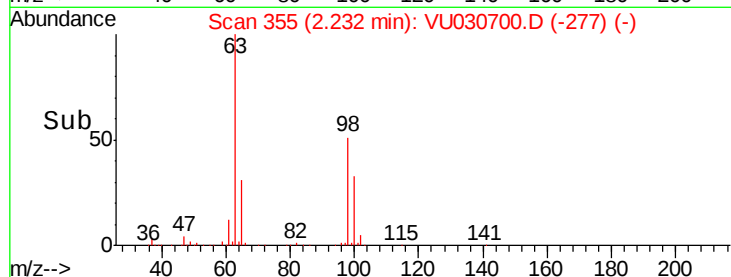
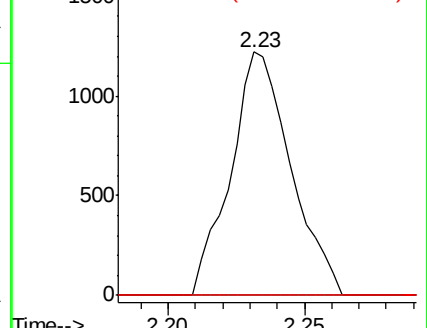
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 0.531 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.02 min

Lab File: VU030700.D

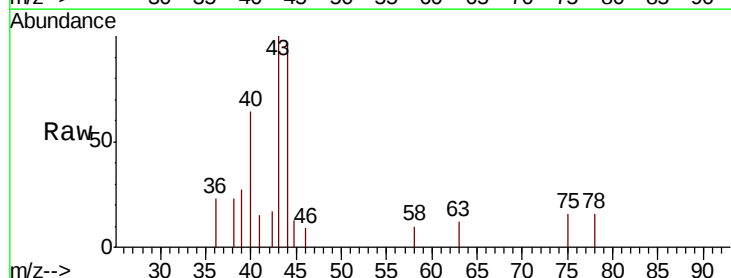
Acq: 04 Apr 2019 22:05

Tgt Ion: 43 Resp: 1719

Ion Ratio Lower Upper

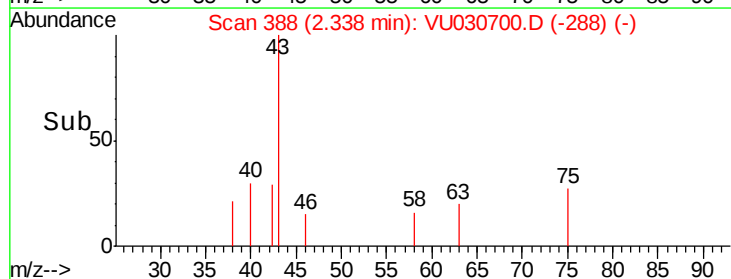
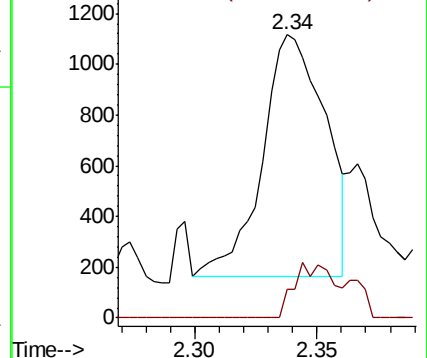
43 100

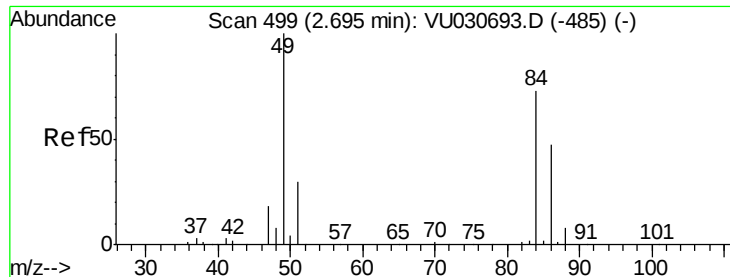
58 6.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

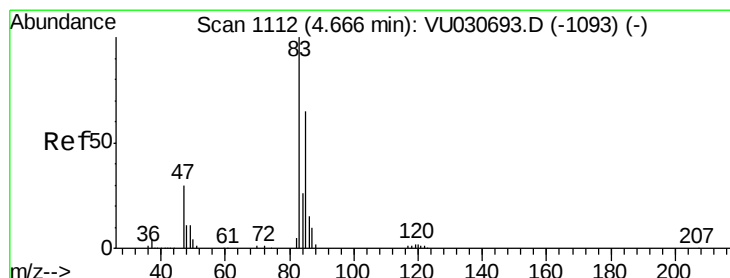
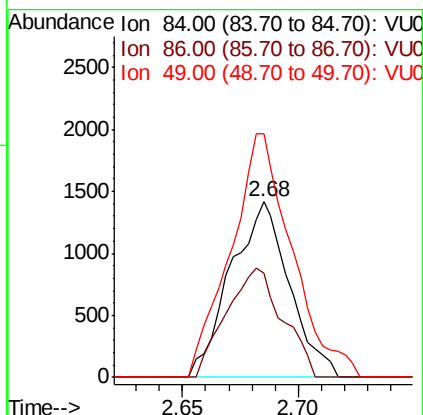
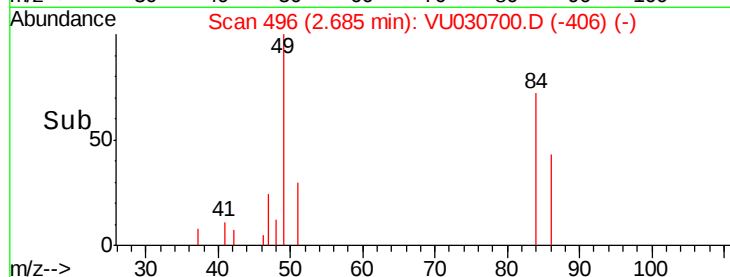
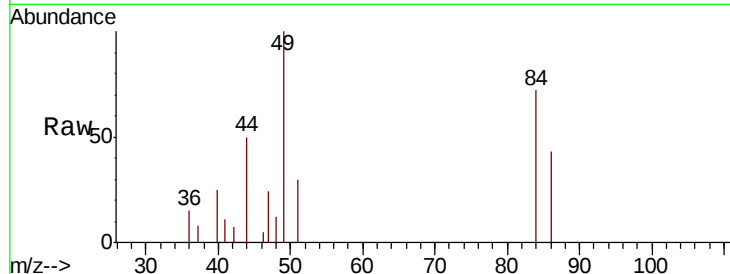




#16
Methvlene chloride
Concen: 0.664 ug/L
RT: 2.68 min Scan# 496
Delta R.T. -0.01 min
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Instrument :
MSVOA_U
ClientSampled :
BF2P8

Tot Ion: 84 Resp: 2492
Ion Ratio Lower Upper
84 100
86 59.3 45.1 83.7
49 138.8 96.5 179.1



#25
Chloroform
Concen: 2.688 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030700.D
Acq: 04 Apr 2019 22:05

Tgt Ion: 83 Resp: 18283
Ion Ratio Lower Upper
83 100
85 64.8 45.8 85.0

