

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
 Data File : VU034824.D
 Acq On : 25 Sep 2019 23:52
 Operator : JC/SP
 Sample : K4983-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDN4

Quant Time: Sep 26 09:23:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 06:56:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	443520	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	433463	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	190459	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	181545	39.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.96%
7) Chloroethane-d5	1.67	69	164223	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.26	63	257818	33.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.06%
21) 2-Butanone-d5	4.15	46	389283	111.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.87%
24) Chloroform-d	4.62	84	319776	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
26) 1,2-Dichloroethane-d4	5.29	65	223238	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.02%
32) Benzene-d6	5.32	84	682070	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.54%
36) 1,2-Dichloropropane-d6	6.31	67	238439	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.56%
41) Toluene-d8	7.54	98	649531	50.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.64%
43) trans-1,3-Dichloropropene-	7.83	79	103695	46.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.22%
47) 2-Hexanone-d5	8.29	63	272378	115.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.48%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	327561	50.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.54%
64) 1,2-Dichlorobenzene-d4	11.84	152	222451	55.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

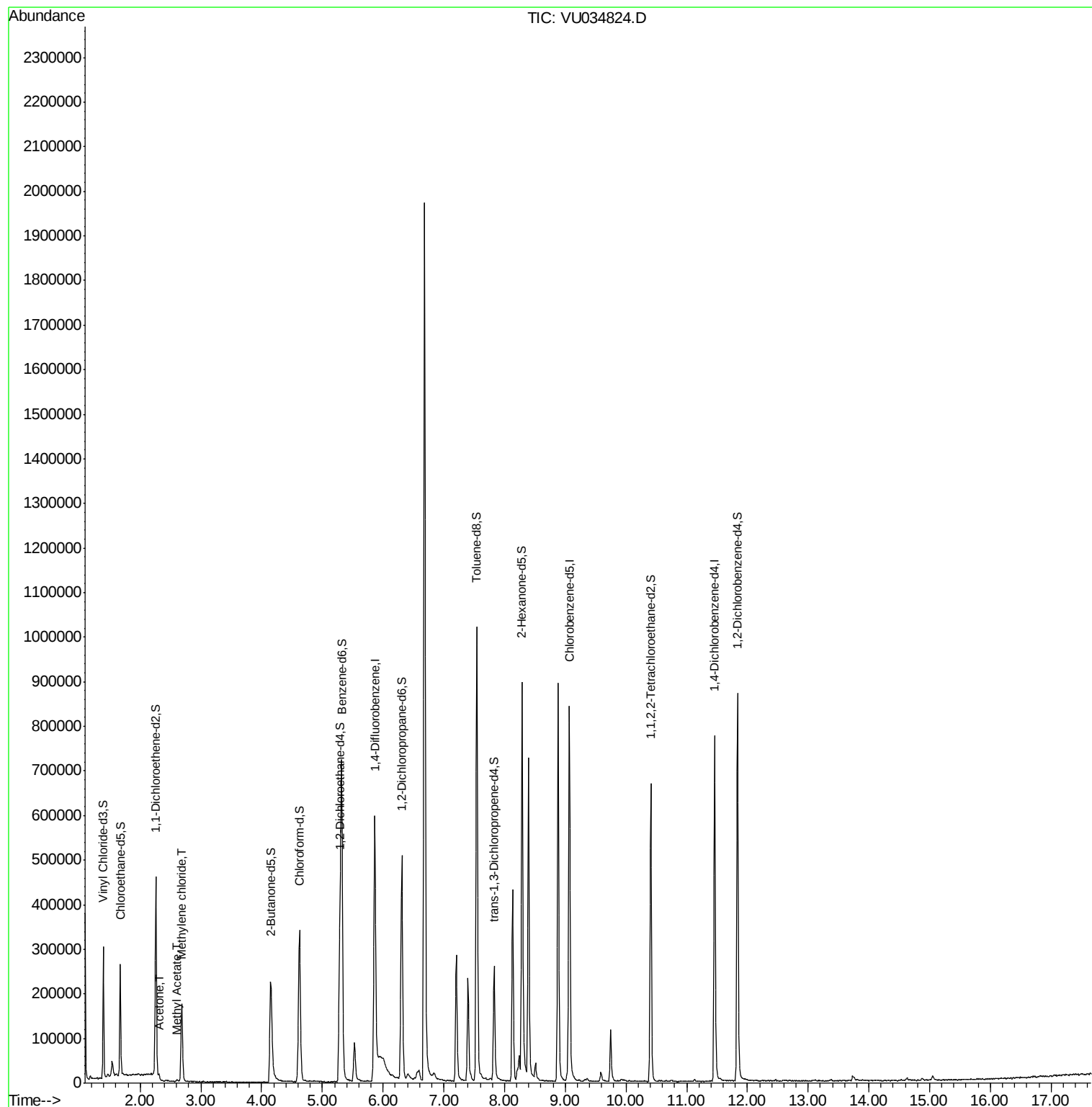
					Ovalue
13) Acetone	2.31	43	14022	3.464 ug/L	99
15) Methyl Acetate	2.61	43	4989	0.923 ug/L	99
16) Methylene chloride	2.68	84	71992	19.586 ug/L	95

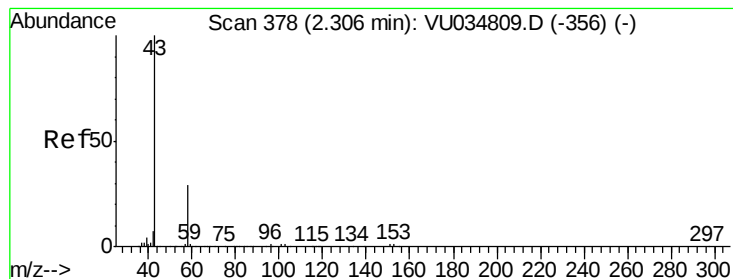
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.464 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

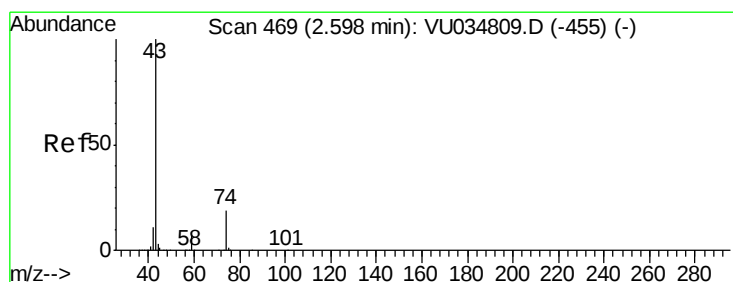
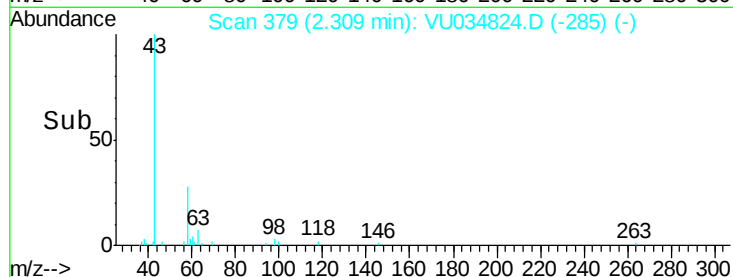
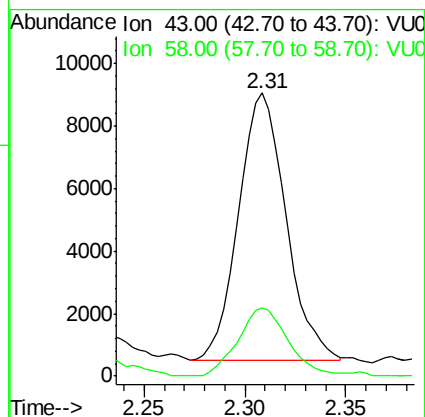
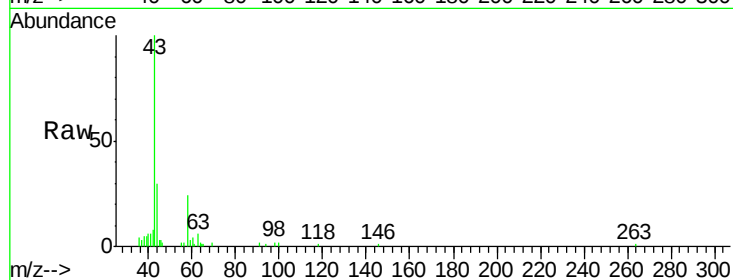
BFDN4

Tot Ion: 43 Resp: 14022

Ion Ratio Lower Upper

43 100

58 27.3 0.0 53.4



#15

Methyl Acetate

Concen: 0.923 ug/L

RT: 2.61 min Scan# 472

Delta R.T. 0.01 min

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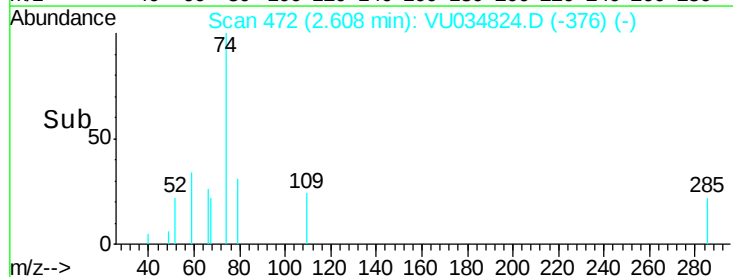
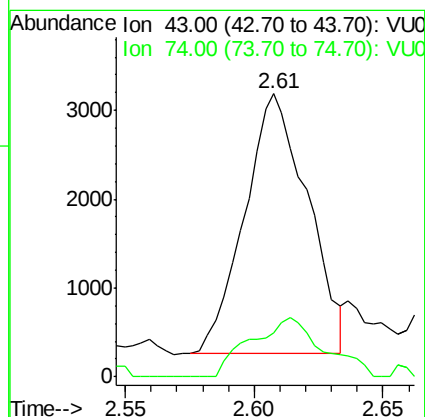
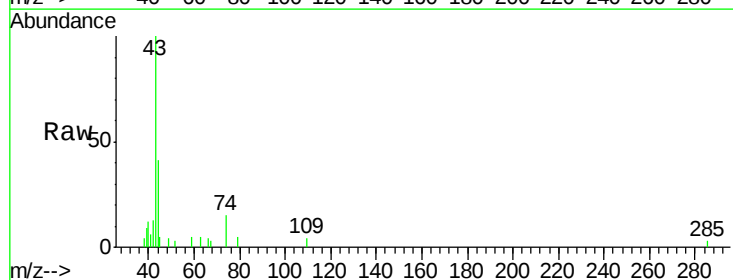
Acq: 25 Sep 2019 23:52

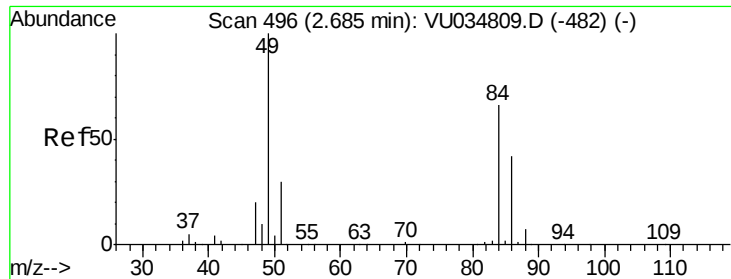
Tgt Ion: 43 Resp: 4989

Ion Ratio Lower Upper

43 100

74 17.8 14.4 21.6

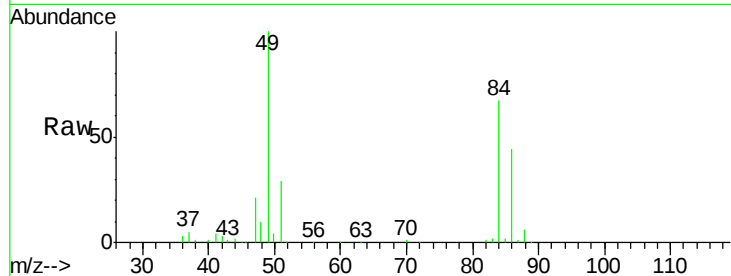




#16
 Methvlene chloride
 Concen: 19.586 ug/L
 RT: 2.68 min Scan# 496
 Delta R.T. -0.00 min
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 MSVOA_U
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 BFDN4

Tot Ion: 84 Resp: 71992
 Ion Ratio Lower Upper
 84 100
 86 65.1 43.0 80.0
 49 149.3 109.7 203.7



Abundance Ion 84.00 (83.70 to 84.70): VU0
 Ion 86.00 (85.70 to 86.70): VU0
 Ion 49.00 (48.70 to 49.70): VU0

