

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
 Data File : VU034819.D
 Acq On : 25 Sep 2019 21:54
 Operator : JC/SP
 Sample : K4983-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDM4

Quant Time: Sep 26 08:59:52 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	453574	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	419259	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	190391	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	194272	41.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.68%
7) Chloroethane-d5	1.67	69	172141	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.94%
11) 1,1-Dichloroethene-d2	2.26	63	265191	33.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.44%
21) 2-Butanone-d5	4.15	46	410930	115.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.47%
24) Chloroform-d	4.62	84	330337	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
26) 1,2-Dichloroethane-d4	5.28	65	233298	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
32) Benzene-d6	5.32	84	708869	54.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.10%
36) 1,2-Dichloropropane-d6	6.31	67	247618	54.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.04%
41) Toluene-d8	7.54	98	680840	55.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.14%
43) trans-1,3-Dichloropropene-	7.83	79	108145	49.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.42%
47) 2-Hexanone-d5	8.29	63	279228	122.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.40%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	337119	53.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.98%
64) 1,2-Dichlorobenzene-d4	11.84	152	223060	55.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.74%

Target Compounds

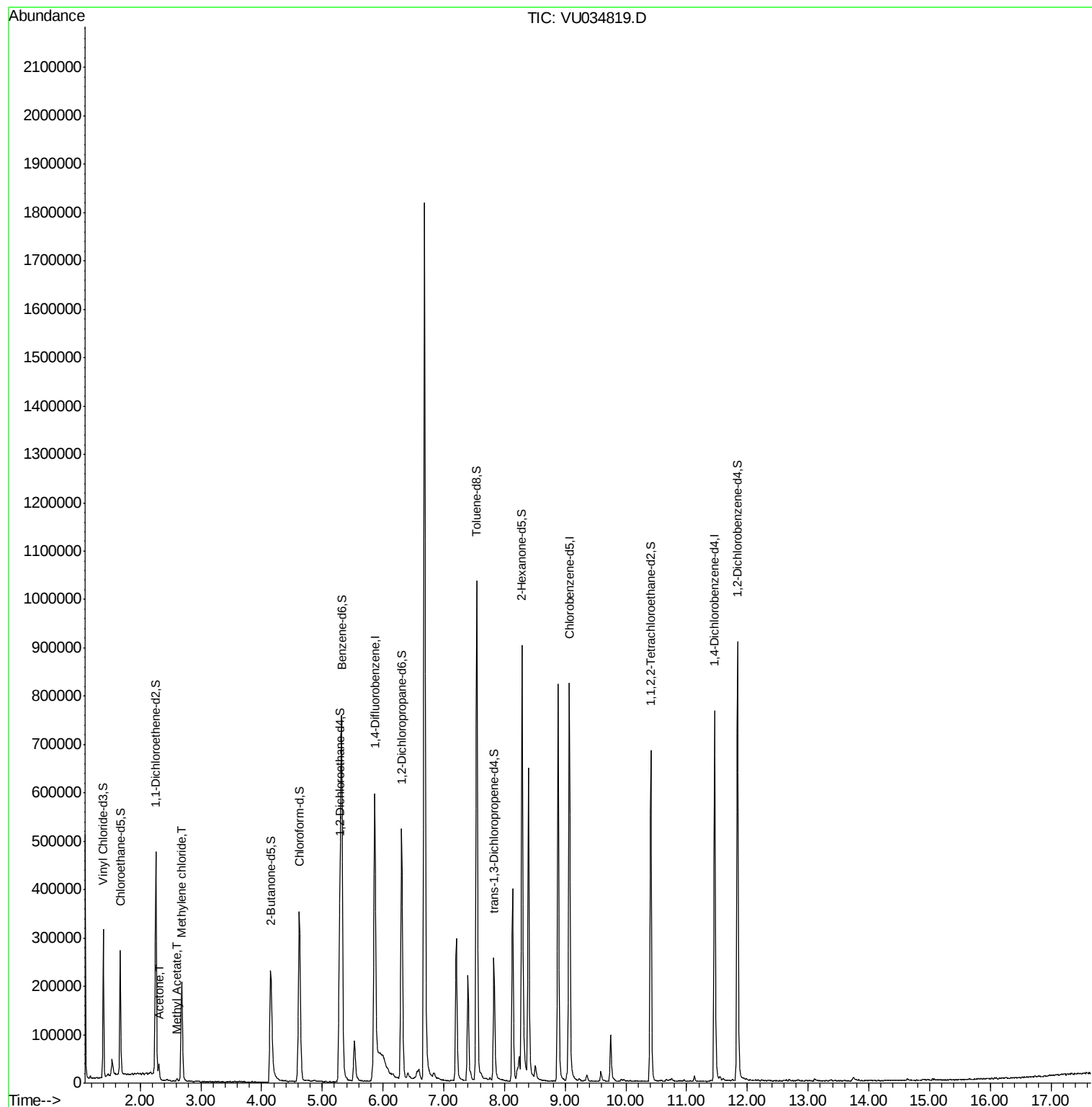
					Ovalue
13) Acetone	2.31	43	30948	7.476 ug/L	94
15) Methyl Acetate	2.61	43	6652	1.203 ug/L #	86
16) Methylene chloride	2.68	84	82825	22.033 ug/L	95

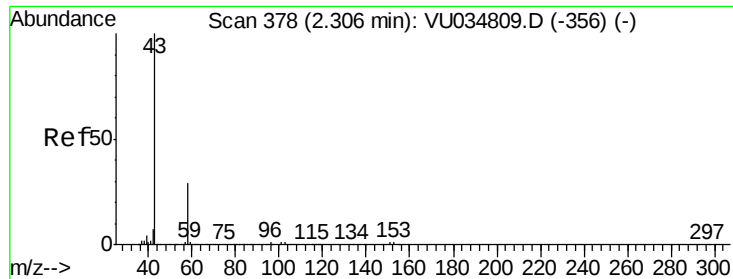
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.476 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034819.D

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Instrument :

MSVOA_U

ClientSampleId :

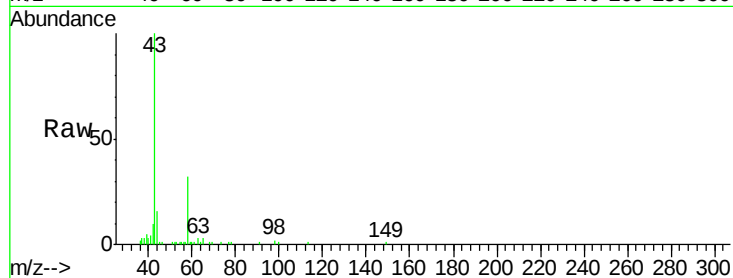
BFDM4

Tot Ion: 43 Resp: 30948

Ion Ratio Lower Upper

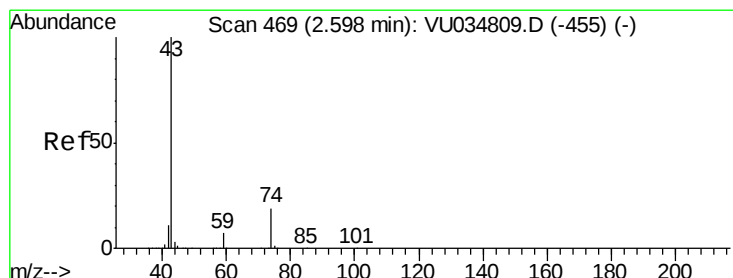
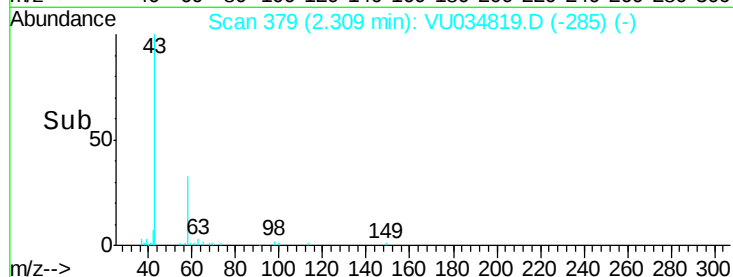
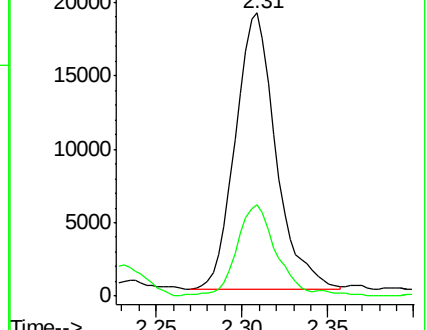
43 100

58 30.0 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU034819.D (-379) (-)

Ion 58.00 (57.70 to 58.70): VU034819.D (-379) (-)



#15

Methyl Acetate

Concen: 1.203 ug/L

RT: 2.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: VU034819.D

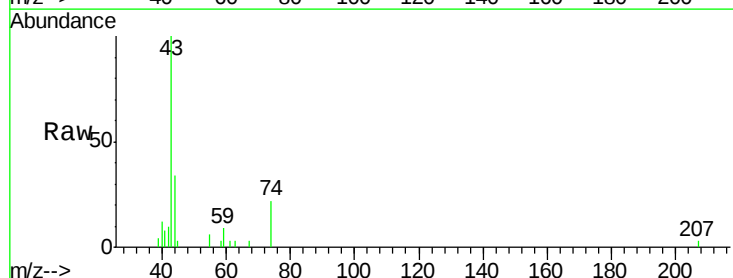
Acq: 25 Sep 2019 21:54

Tgt Ion: 43 Resp: 6652

Ion Ratio Lower Upper

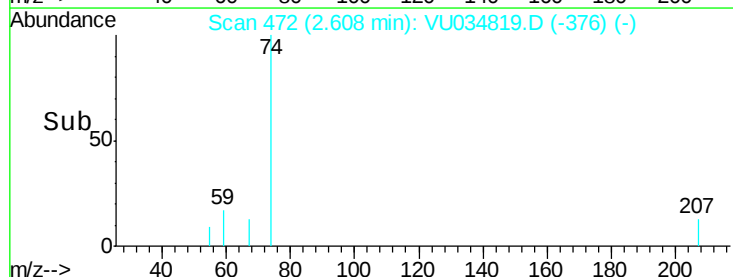
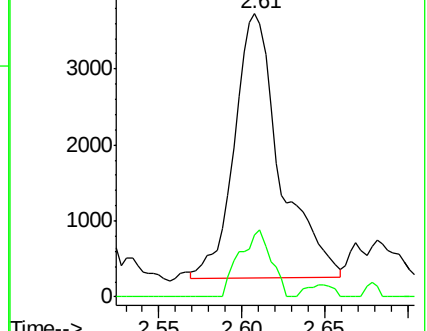
43 100

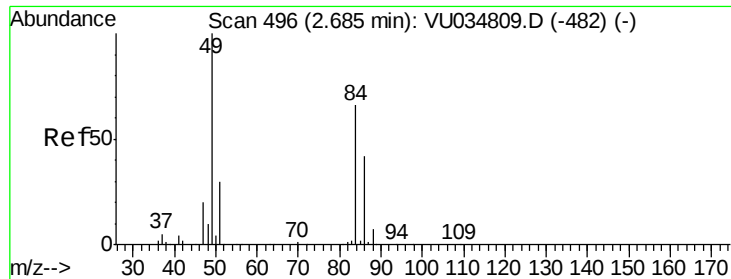
74 11.8 14.4 21.6#



Abundance Ion 43.00 (42.70 to 43.70): VU034819.D (-472) (-)

Ion 74.00 (73.70 to 74.70): VU034819.D (-472) (-)





#16
Methylene chloride
Concen: 22.033 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034819.D
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MSVOA_U
ClientSampleId :
BFDM4

Tot Ion: 84 Resp: 82825

Ion	Ratio	Lower	Upper
84	100		
86	61.2	43.0	80.0
49	147.0	109.7	203.7

