

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
 Data File : VU034758.D
 Acq On : 24 Sep 2019 01:14
 Operator : JC/SP
 Sample : K4932-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDM6

Quant Time: Oct 03 04:46:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 03:36:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	499335	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	488367	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	219562	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	208326	40.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.50%
7) Chloroethane-d5	1.67	69	174912	44.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.54%
11) 1,1-Dichloroethene-d2	2.26	63	297509	34.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.74%
21) 2-Butanone-d5	4.15	46	457003	116.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.65%
24) Chloroform-d	4.62	84	371941	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
26) 1,2-Dichloroethane-d4	5.29	65	274950	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
32) Benzene-d6	5.32	84	747239	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
36) 1,2-Dichloropropane-d6	6.31	67	264320	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.92%
41) Toluene-d8	7.54	98	714837	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%
43) trans-1,3-Dichloropropene-	7.83	79	119341	47.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.20%
47) 2-Hexanone-d5	8.29	63	305237	114.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.87%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	355796	48.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.94%
64) 1,2-Dichlorobenzene-d4	11.84	152	242896	52.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.52%

Target Compounds

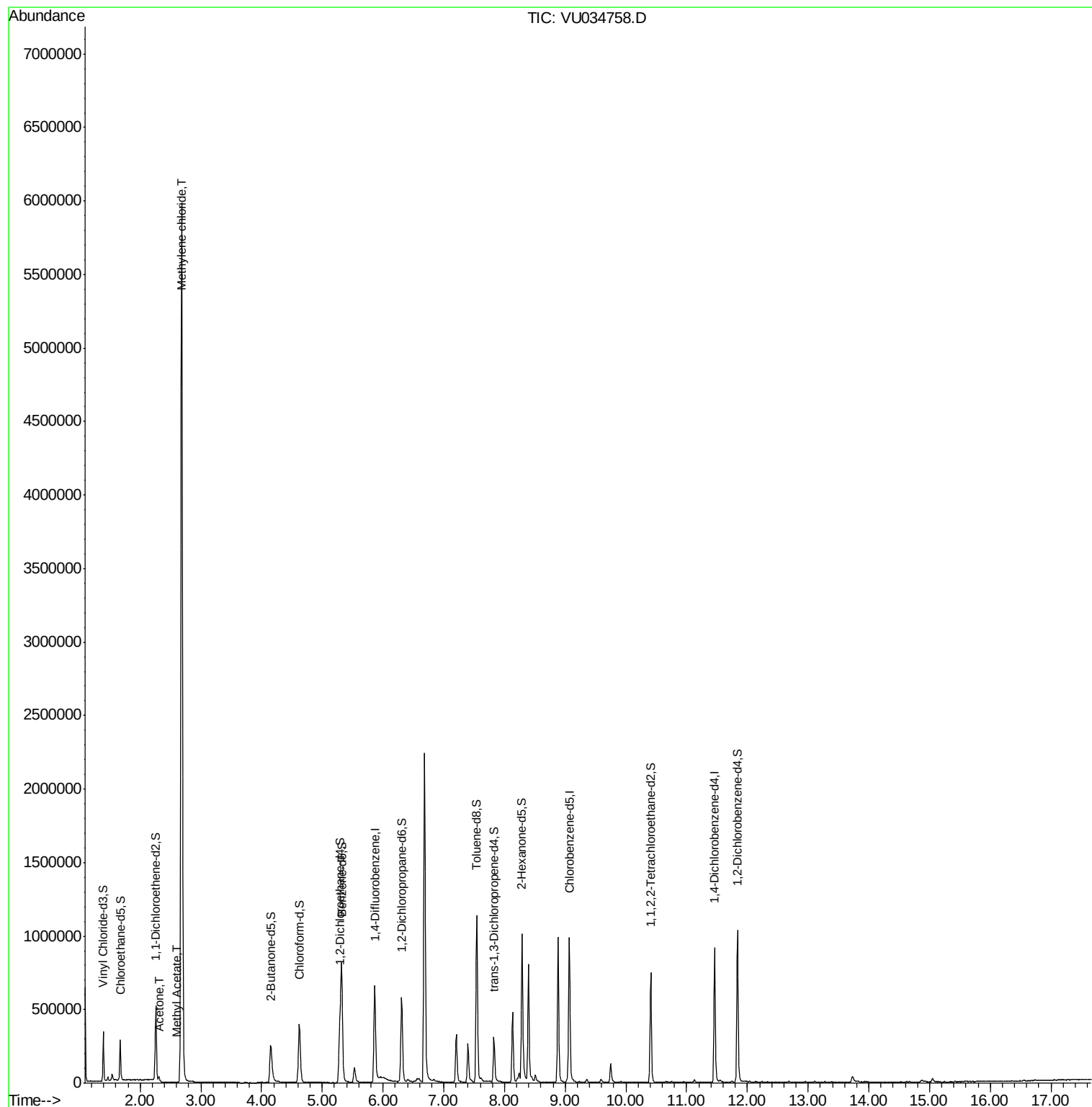
					Qvalue
13) Acetone	2.31	43	38028	8.344 ug/L	98
15) Methyl Acetate	2.61	43	6004	0.986 ug/L	94
16) Methylene chloride	2.69	84	2288858	553.089 ug/L	99

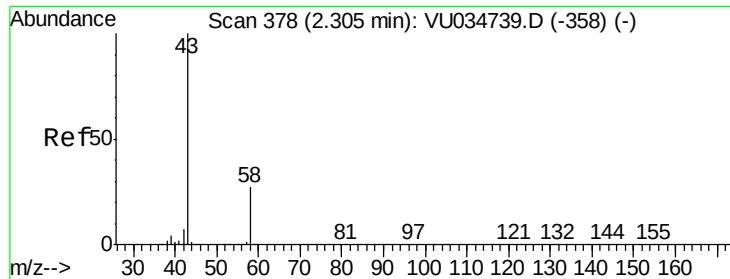
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.344 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU034758.D

Acq: 24 Sep 2019 01:14

Instrument :

MSVOA_U

ClientSampleId :

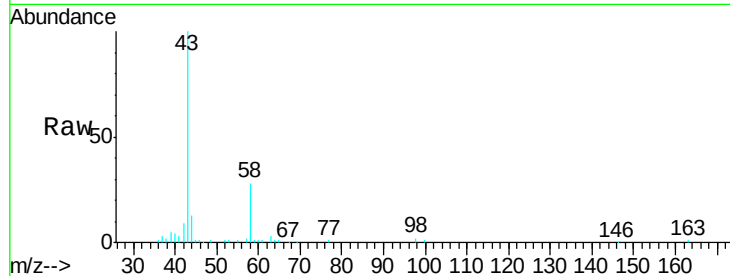
BFD6

Tgt Ion: 43 Resp: 38028

Ion Ratio Lower Upper

43 100

58 27.7 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU034739.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034739.D (-358) (-)

2.31

25000

20000

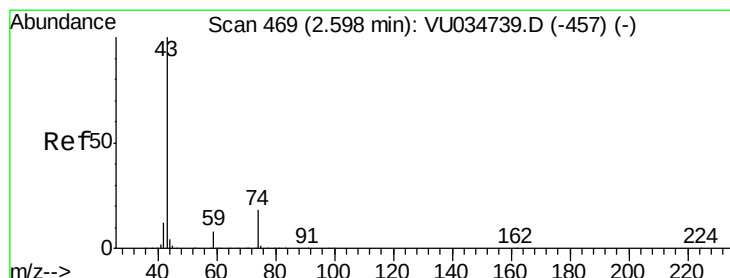
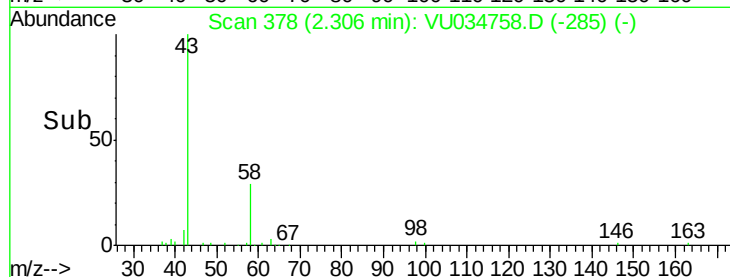
15000

10000

5000

0

Time-->



#15

Methyl Acetate

Concen: 0.986 ug/L

RT: 2.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: VU034758.D

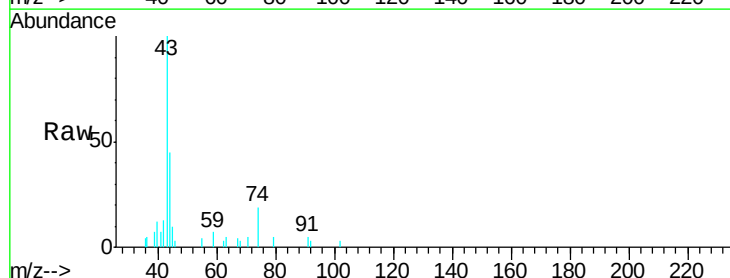
Acq: 24 Sep 2019 01:14

Tgt Ion: 43 Resp: 6004

Ion Ratio Lower Upper

43 100

74 15.4 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VU034739.D (-457) (-)

Ion 74.00 (73.70 to 74.70): VU034739.D (-457) (-)

2.61

6000

5000

4000

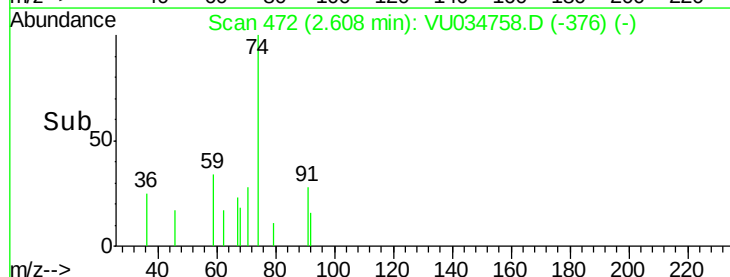
3000

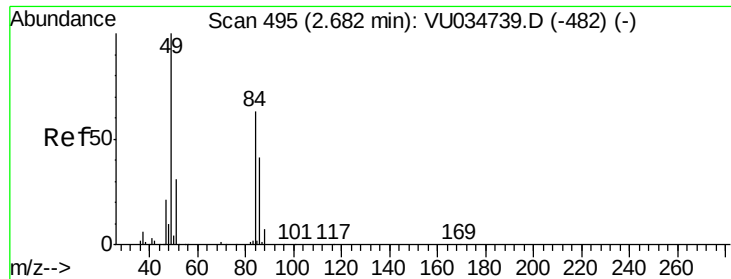
2000

1000

0

Time-->





#16
Methylene chloride
Concen: 553.089 ug/L
RT: 2.69 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034758.D
Acq: 24 Sep 2019 01:14

Instrument :
MSVOA_U
ClientSampleId :
BFDM6

Tgt Ion: 84 Resp: 2288858

Ion	Ratio	Lower	Upper
84	100		
86	63.2	43.0	80.0
49	157.5	109.7	203.7

