

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100219\
 Data File : VU034894.D
 Acq On : 01 Oct 2019 17:46
 Operator : JC/SP
 Sample : K5028-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDN0

Quant Time: Oct 02 02:16:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 02 01:50:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	341925	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	328146	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	136240	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	103958	43.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.76%
7) Chloroethane-d5	1.67	69	90137	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.54%
11) 1,1-Dichloroethene-d2	2.26	63	154727	36.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.44%
21) 2-Butanone-d5	4.15	46	235039	100.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.51%
24) Chloroform-d	4.62	84	220696	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	5.29	65	160172	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.82%
32) Benzene-d6	5.32	84	433016	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.96%
36) 1,2-Dichloropropane-d6	6.31	67	155455	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.24%
41) Toluene-d8	7.54	98	407186	48.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.88%
43) trans-1,3-Dichloropropene-	7.83	79	68891	50.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.28%
47) 2-Hexanone-d5	8.29	63	162709	110.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.68%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	213400	48.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.30%
64) 1,2-Dichlorobenzene-d4	11.84	152	136994	50.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.08%

Target Compounds

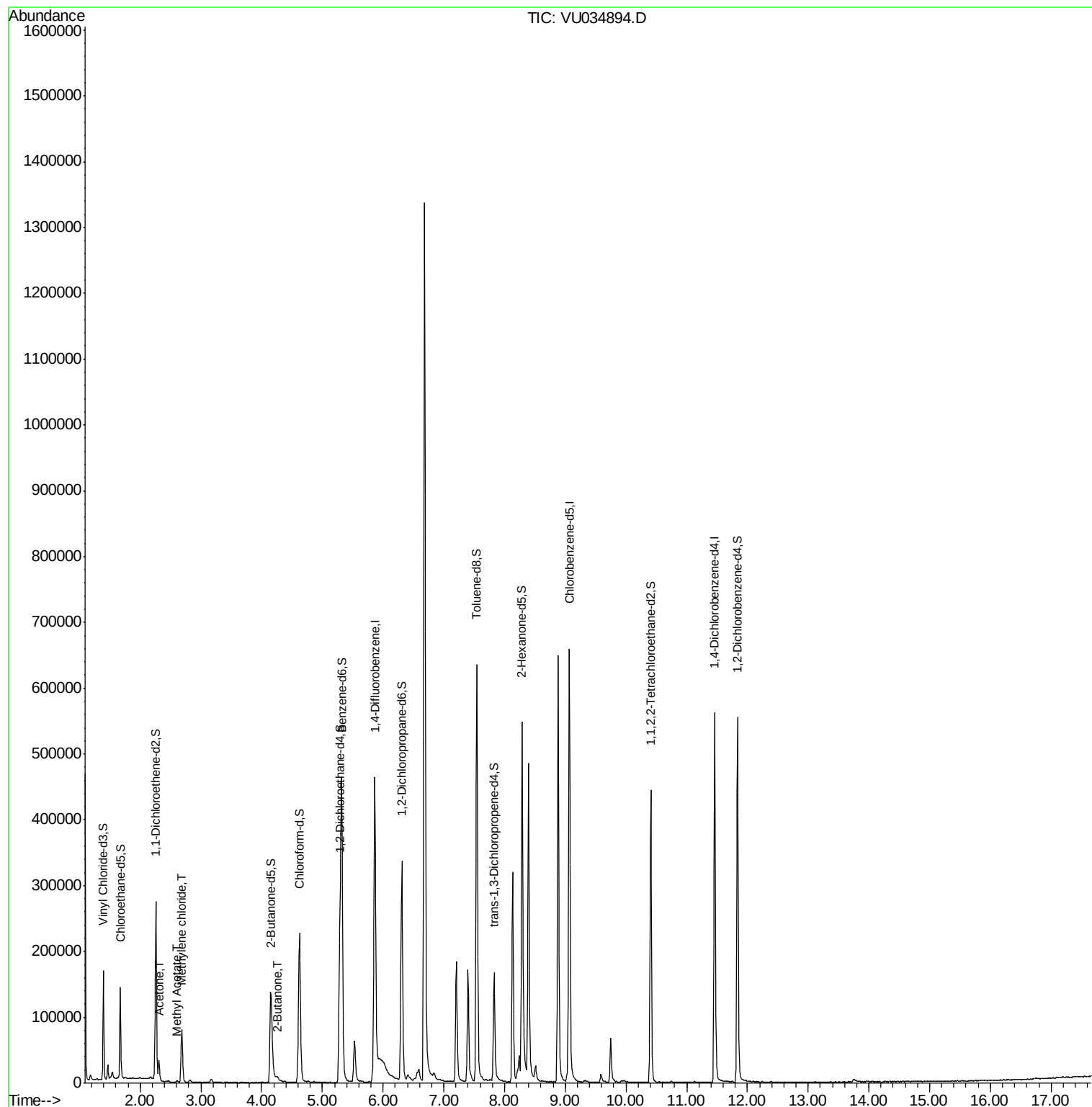
					Ovalue
13) Acetone	2.31	43	31996	17.215 ug/L	96
15) Methyl Acetate	2.61	43	4244	1.431 ug/L #	74
16) Methylene chloride	2.68	84	32851	17.538 ug/L	97
22) 2-Butanone	4.26	43	9425	3.904 ug/L	100

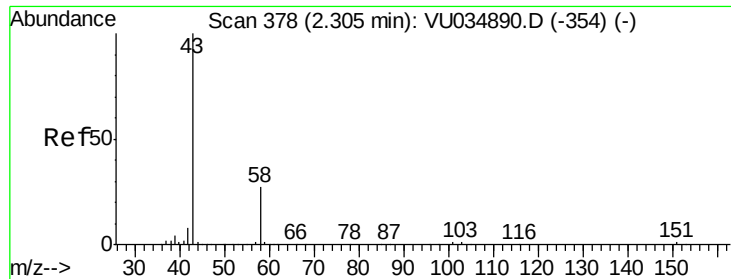
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034894.D
Acq On : 01 Oct 2019 17:46
Operator : JC/SP
Sample : K5028-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDN0

Quant Time: Oct 02 02:16:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 02 01:50:17 2019
Response via : Initial Calibration





#13

Acetone

Concen: 17.215 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034894.D

Acq: 01 Oct 2019 17:46

Instrument :

MSVOA_U

ClientSampleId :

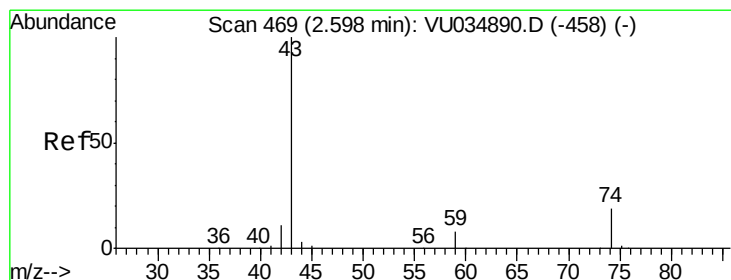
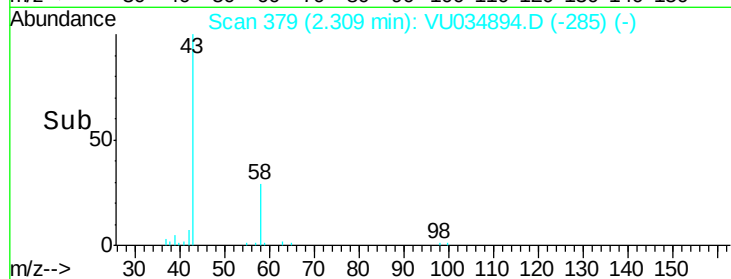
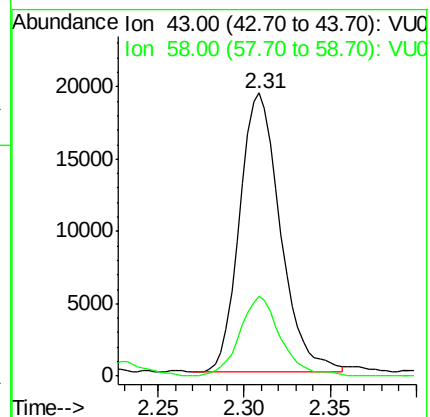
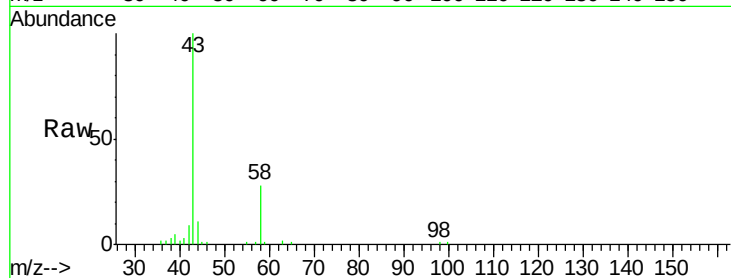
BFDN0

Tot Ion: 43 Resp: 31996

Ion Ratio Lower Upper

43 100

58 28.1 0.0 52.6



#15

Methyl Acetate

Concen: 1.431 ug/L

RT: 2.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: VU034894.D

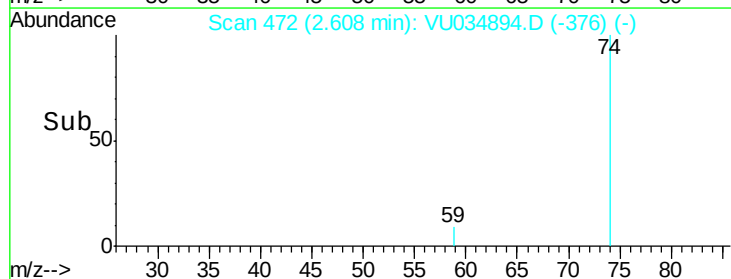
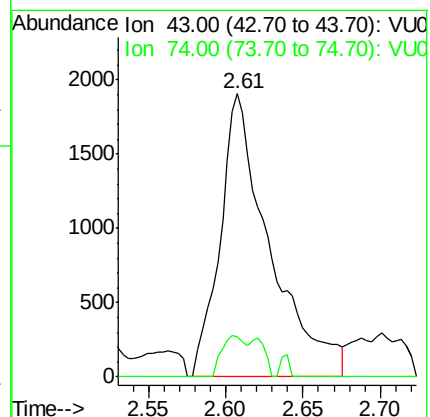
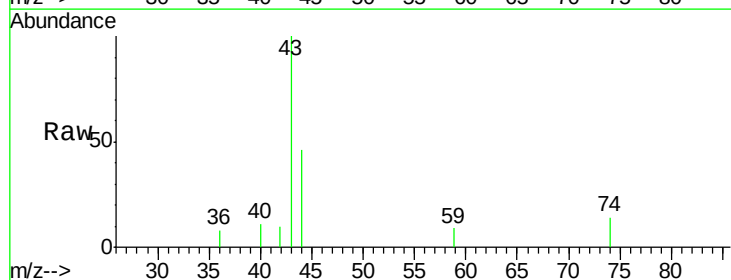
Acq: 01 Oct 2019 17:46

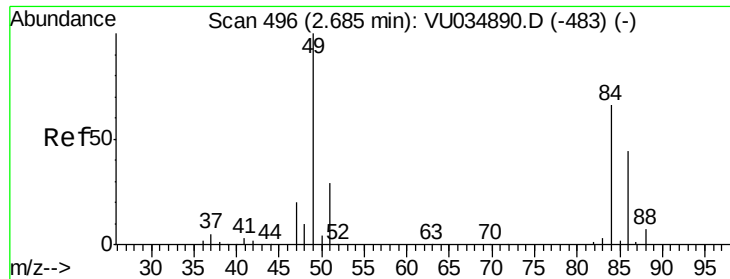
Tgt Ion: 43 Resp: 4244

Ion Ratio Lower Upper

43 100

74 7.2 15.3 22.9#

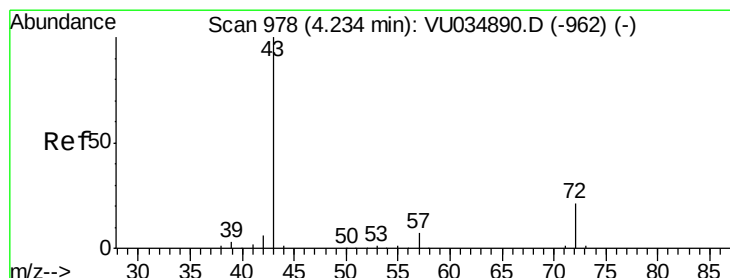
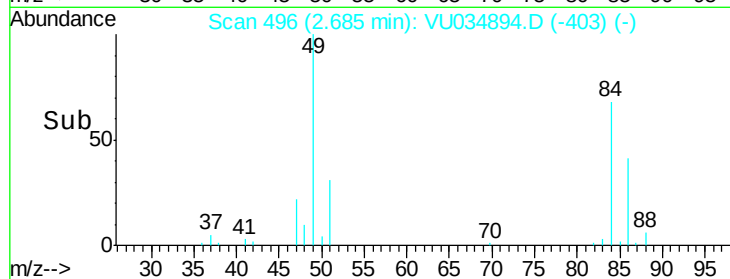
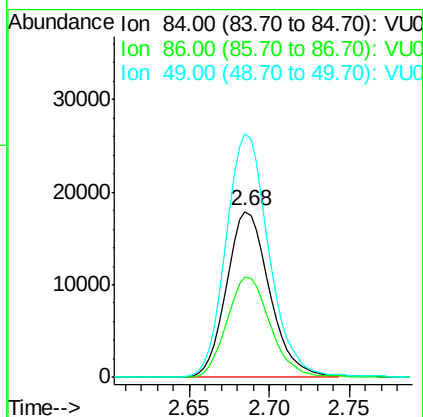
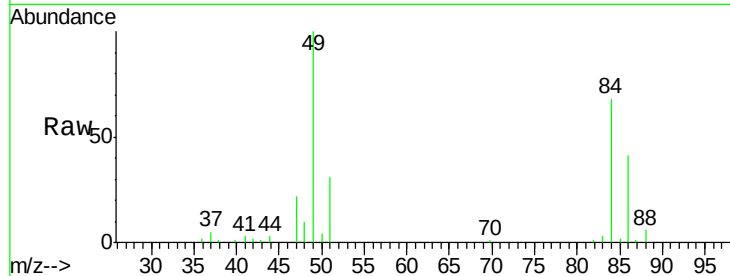




#16
Methylene chloride
Concen: 17.538 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034894.D
Acq: 01 Oct 2019 17:46

Instrument :
MSVOA_U
ClientSampleId :
BFDN0

Tot Ion: 84 Resp: 32851
Ion Ratio Lower Upper
84 100
86 60.5 44.7 82.9
49 146.5 100.7 186.9



#22
2-Butanone
Concen: 3.904 ug/L
RT: 4.26 min Scan# 987
Delta R.T. 0.03 min
Lab File: VU034894.D
Acq: 01 Oct 2019 17:46

Tgt Ion: 43 Resp: 9425
Ion Ratio Lower Upper
43 100
72 22.3 11.2 33.6

