

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
 Data File : VU036468.D
 Acq On : 15 Jan 2020 13:54
 Operator : JC/MD
 Sample : L1117-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFRB6

Quant Time: Jan 15 14:43:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 14:19:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	443254	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	409489	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	157411	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	138967	48.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.72%
7) Chloroethane-d5	1.93	69	123051	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.92%
11) 1,1-Dichloroethene-d2	2.59	63	202816	36.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.50%
21) 2-Butanone-d5	4.68	46	245200	99.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.24%
24) Chloroform-d	5.11	84	283657	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.16%
26) 1,2-Dichloroethane-d4	5.75	65	200526	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.44%
32) Benzene-d6	5.77	84	561504	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.86%
36) 1,2-Dichloropropane-d6	6.73	67	184722	53.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.08%
41) Toluene-d8	7.93	98	524475	51.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.56%
43) trans-1,3-Dichloropropene-	8.21	79	93866	50.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.06%
47) 2-Hexanone-d5	8.67	63	181192	101.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.52%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	262528	50.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.22%
64) 1,2-Dichlorobenzene-d4	12.22	152	160804	51.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.72%

Target Compounds

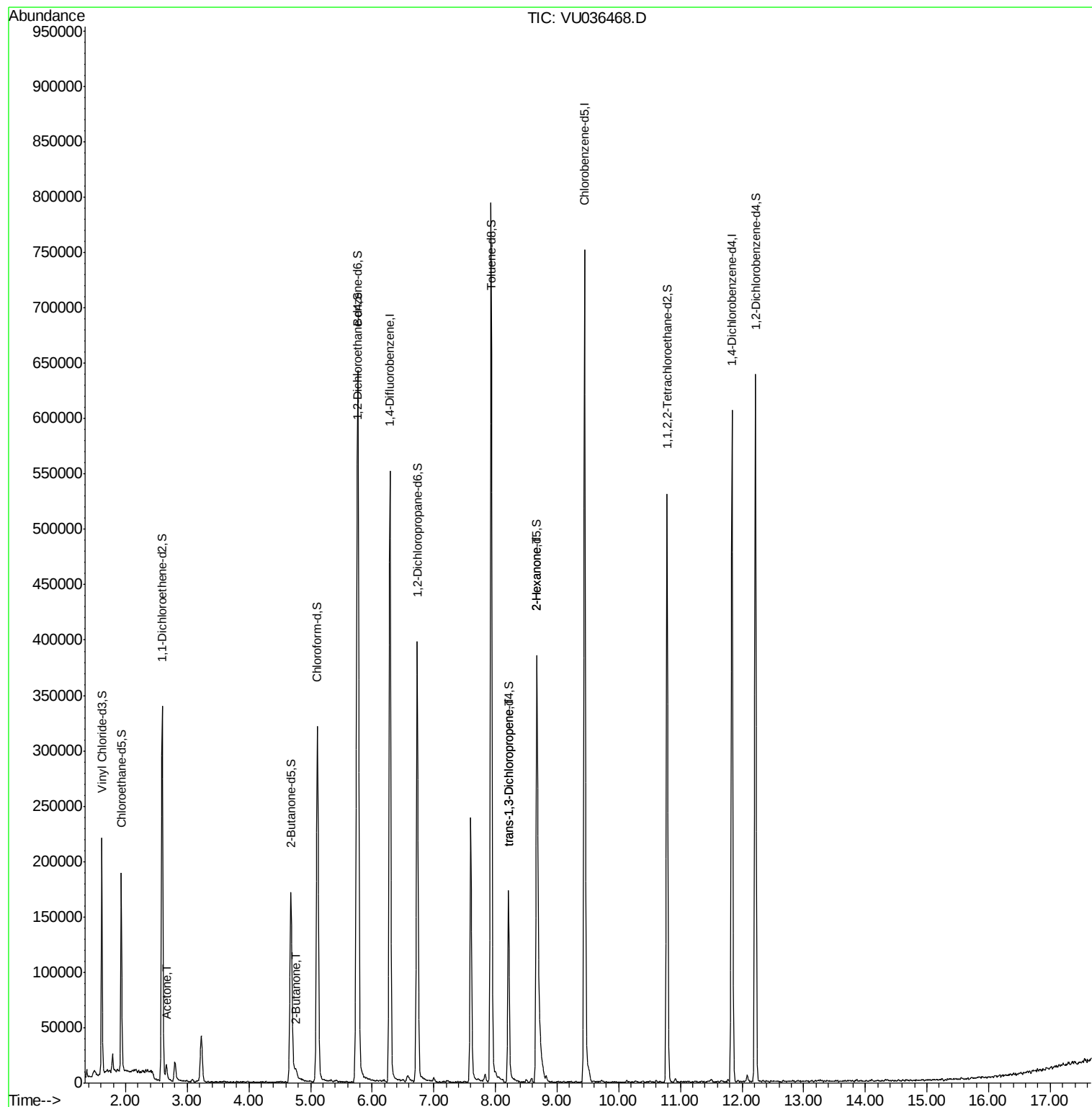
					Qvalue
13) Acetone	2.66	43	15136	5.660 ug/L	93
22) 2-Butanone	4.76	43	7638	2.517 ug/L	83
44) trans-1,3-Dichloropropene	8.21	75	5080	1.086 ug/L	97
48) 2-Hexanone	8.67	43	18217	4.591 ug/L #	65

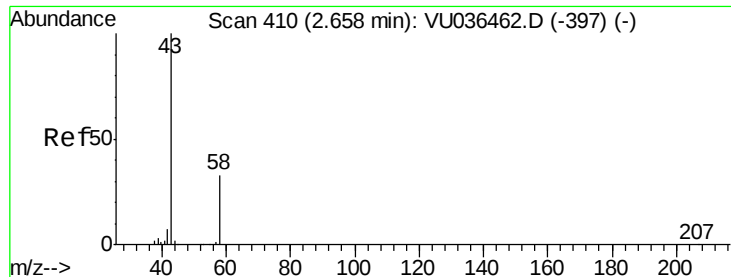
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
Data File : VU036468.D
Acq On : 15 Jan 2020 13:54
Operator : JC/MD
Sample : L1117-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFRB6

Quant Time: Jan 15 14:43:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 15 14:19:56 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.660 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036468.D

Acq: 15 Jan 2020 13:54

Instrument :

MSVOA_U

ClientSampleId :

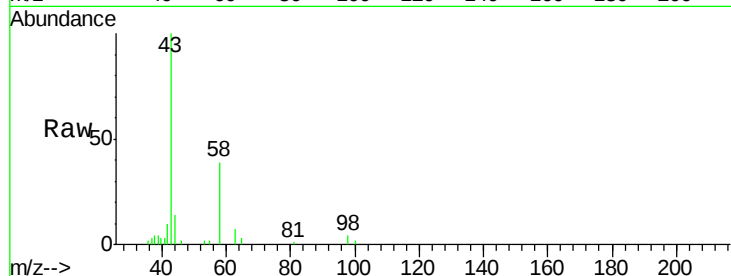
BFRB6

Tgt Ion: 43 Resp: 15136

Ion Ratio Lower Upper

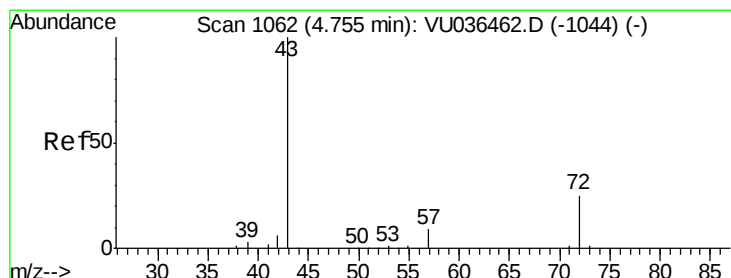
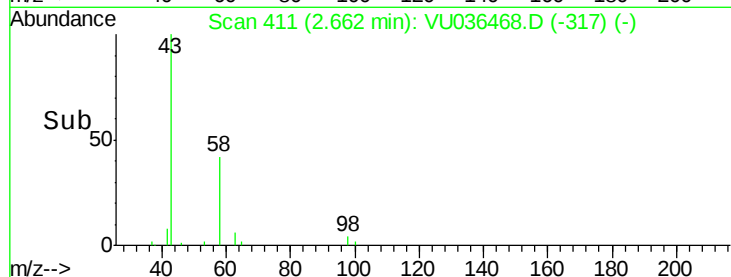
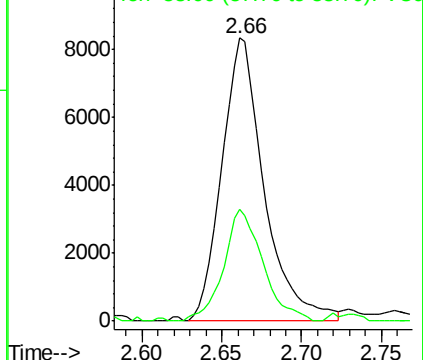
43 100

58 36.5 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#22

2-Butanone

Concen: 2.517 ug/L

RT: 4.76 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VU036468.D

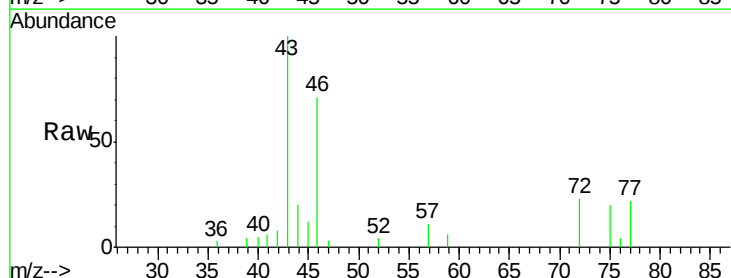
Acq: 15 Jan 2020 13:54

Tgt Ion: 43 Resp: 7638

Ion Ratio Lower Upper

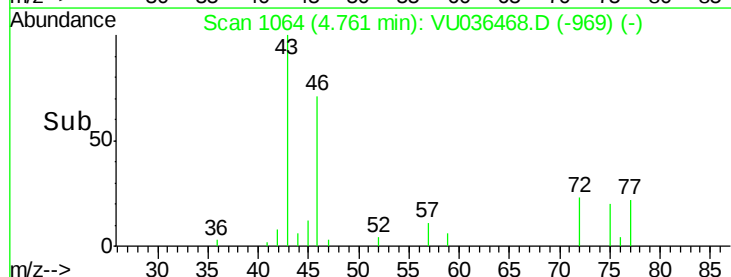
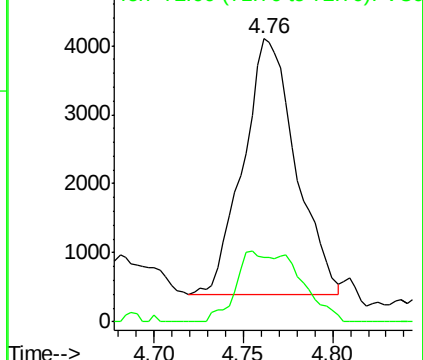
43 100

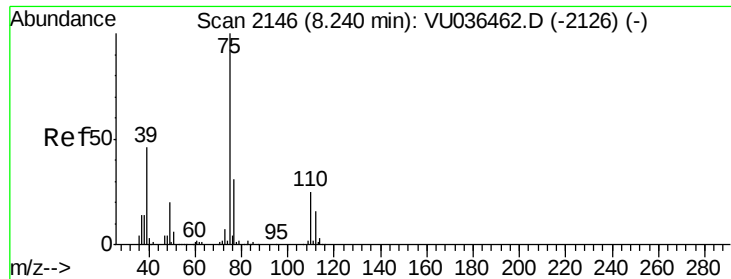
72 19.4 14.1 42.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 1.086 ug/L

RT: 8.21 min Scan# 2137

Delta R.T. -0.03 min

Lab File: VU036468.D

Acq: 15 Jan 2020 13:54

Instrument :

MSVOA_U

ClientSampleId :

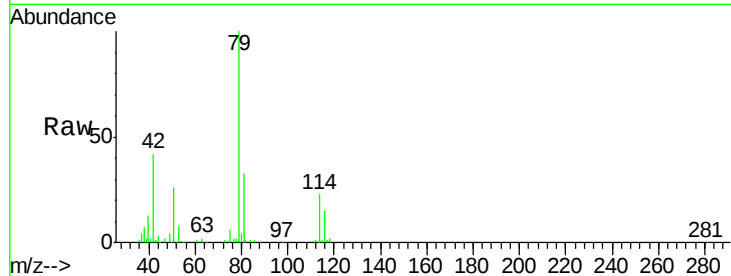
BFRB6

Tgt Ion: 75 Resp: 5080

Ion Ratio Lower Upper

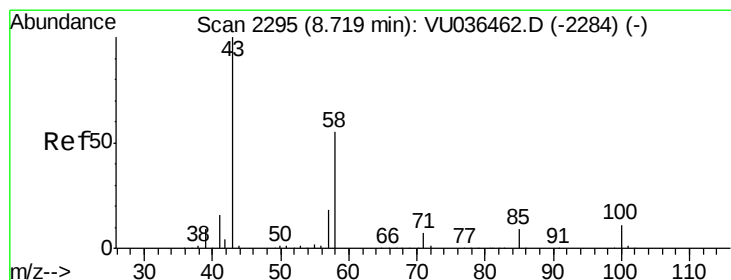
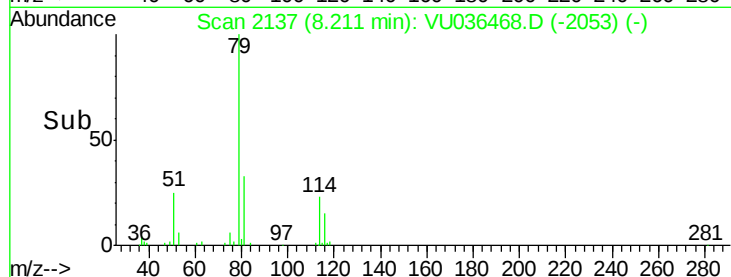
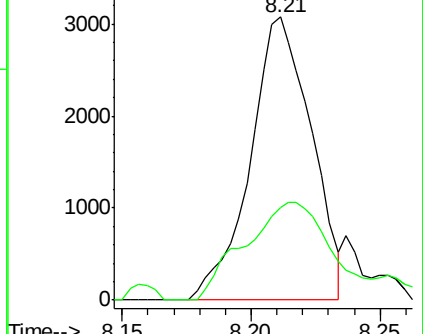
75 100

77 32.7 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU036468.D (-2053) (-)

Ion 77.00 (76.70 to 77.70): VU036468.D (-2053) (-)



#48

2-Hexanone

Concen: 4.591 ug/L

RT: 8.67 min Scan# 2280

Delta R.T. -0.05 min

Lab File: VU036468.D

Acq: 15 Jan 2020 13:54

Tgt Ion: 43 Resp: 18217

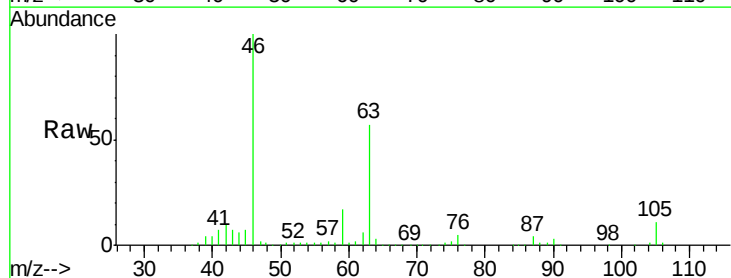
Ion Ratio Lower Upper

43 100

58 24.9 43.7 65.5#

57 26.2 14.7 22.1#

100 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VU036468.D (-2202) (-)

Ion 58.00 (57.70 to 58.70): VU036468.D (-2202) (-)

Ion 57.00 (56.70 to 57.70): VU036468.D (-2202) (-)

Ion 100.00 (99.70 to 100.70): VU036468.D (-2202) (-)

