

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
 Data File : VU036469.D
 Acq On : 15 Jan 2020 14:19
 Operator : JC/MD
 Sample : L1117-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFRB7

Quant Time: Jan 15 14:43:30 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	449993	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	417356	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	143110	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	144593	49.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.12%
7) Chloroethane-d5	1.93	69	128604	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.84%
11) 1,1-Dichloroethene-d2	2.59	63	218813	39.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.12%
21) 2-Butanone-d5	4.68	46	250304	99.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.79%
24) Chloroform-d	5.11	84	298820	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.90%
26) 1,2-Dichloroethane-d4	5.75	65	202146	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.70%
32) Benzene-d6	5.77	84	585877	53.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.36%
36) 1,2-Dichloropropane-d6	6.73	67	190623	53.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.40%
41) Toluene-d8	7.93	98	546250	52.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.82%
43) trans-1,3-Dichloropropene-	8.21	79	96209	50.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.62%
47) 2-Hexanone-d5	8.67	63	178541	98.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.15%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	272515	51.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.08%
64) 1,2-Dichlorobenzene-d4	12.22	152	154420	54.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.56%

Target Compounds

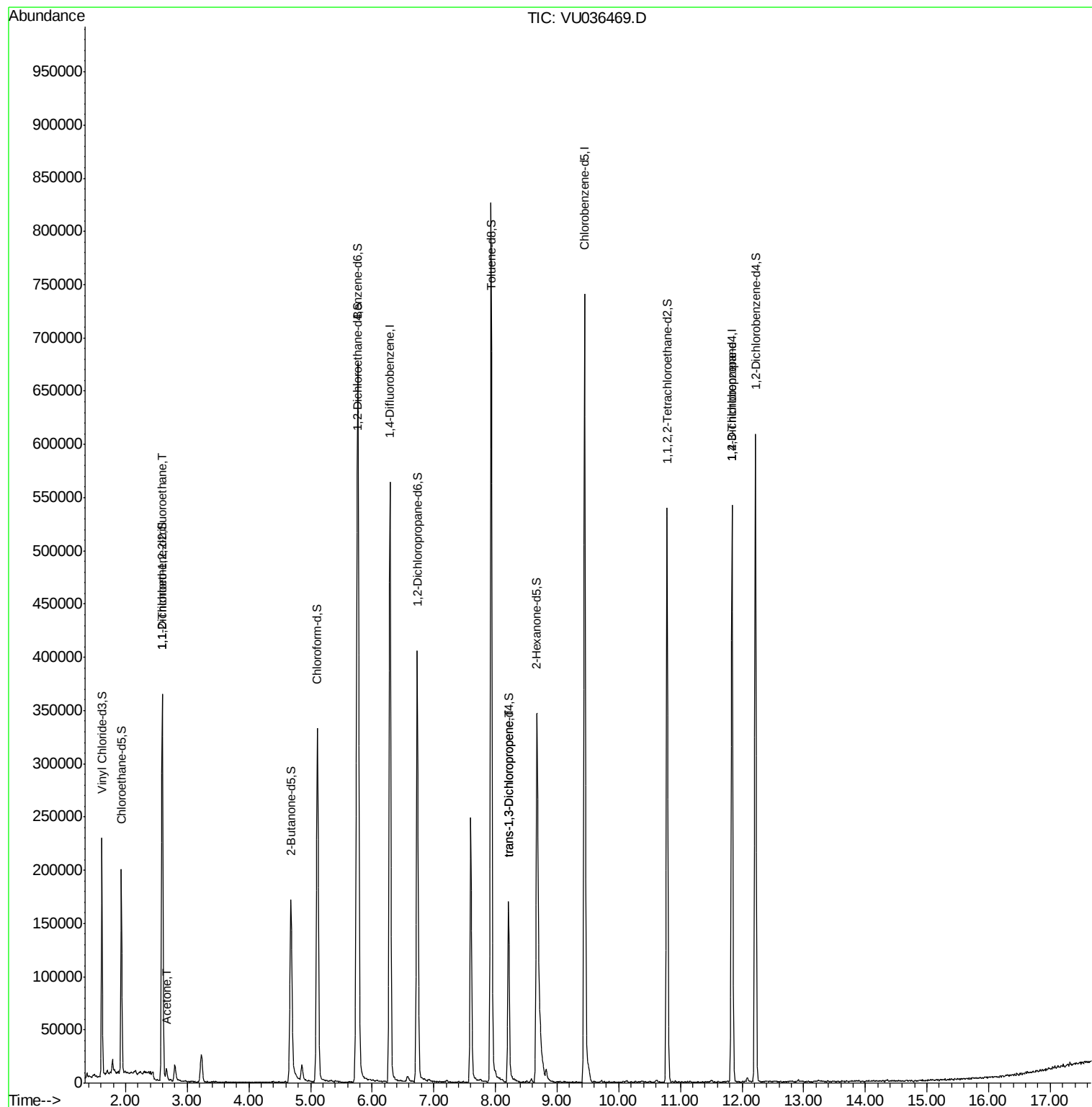
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2037	0.759 ug/L	# 27
13) Acetone	2.66	43	11359	4.184 ug/L	89
44) trans-1,3-Dichloropropene	8.21	75	5171	1.085 ug/L	95
59) 1,2,3-Trichloropropane	11.84	75	22101	5.042 ug/L	94

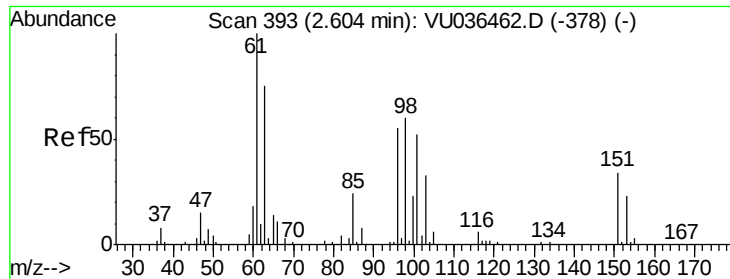
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.759 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

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BFRB7

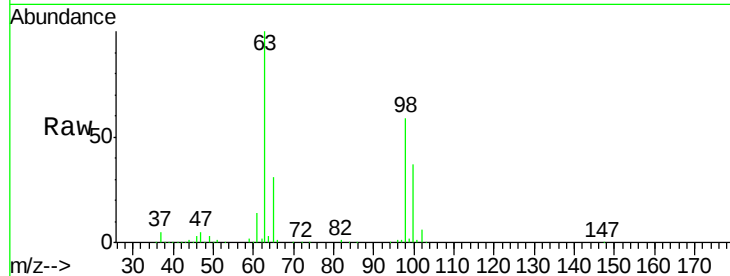
Tgt Ion:101 Resp: 2037

Ion Ratio Lower Upper

101 100

85 2.9 36.7 55.1#

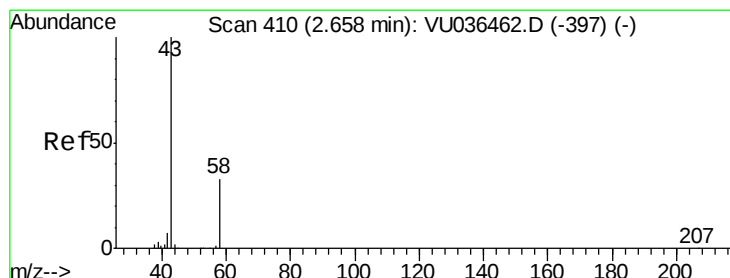
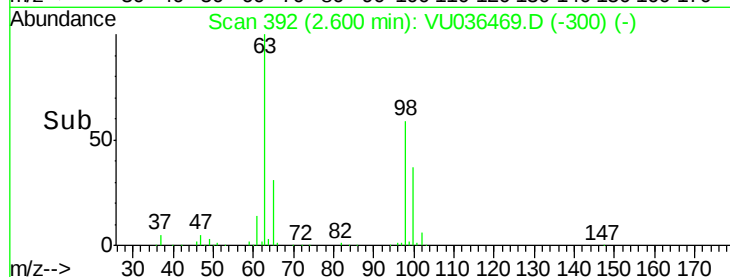
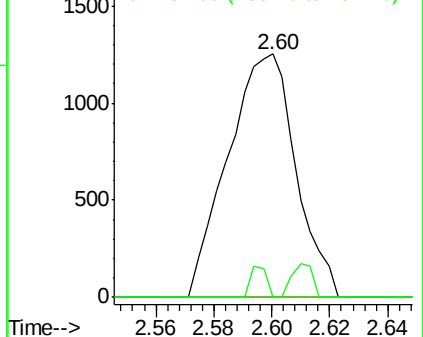
151 4.2 53.3 79.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 4.184 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

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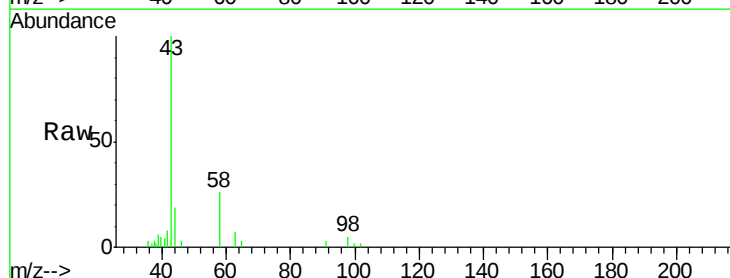
Acq: 15 Jan 2020 14:19

Tgt Ion: 43 Resp: 11359

Ion Ratio Lower Upper

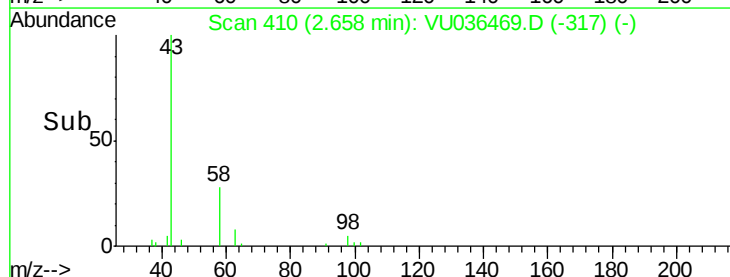
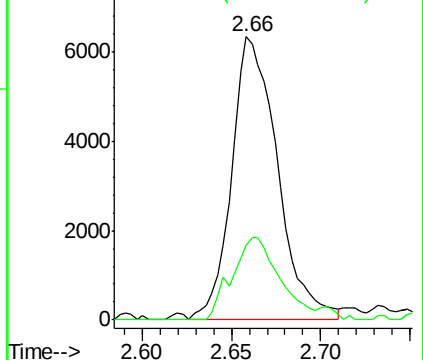
43 100

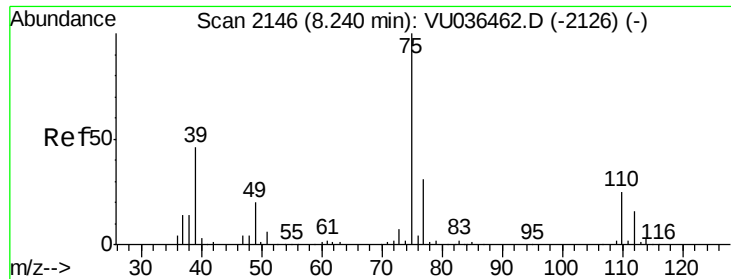
58 26.1 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 1.085 ug/L

RT: 8.21 min Scan# 2136

Delta R.T. -0.03 min

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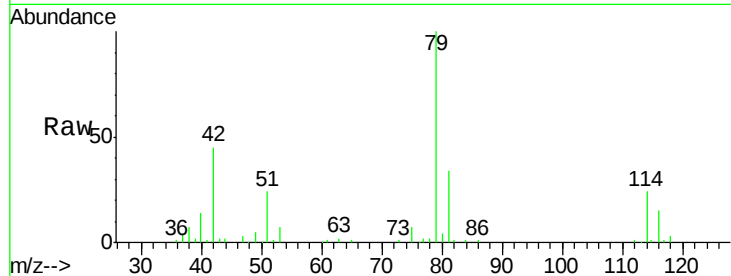
BFRB7

Tgt Ion: 75 Resp: 5171

Ion Ratio Lower Upper

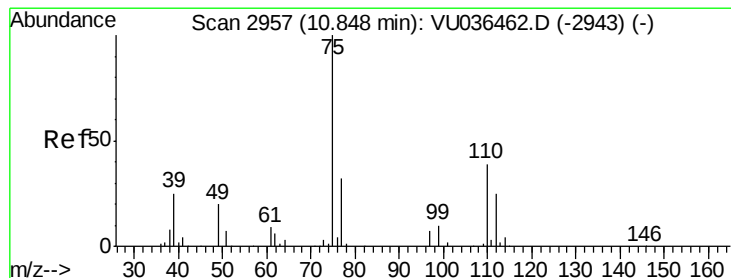
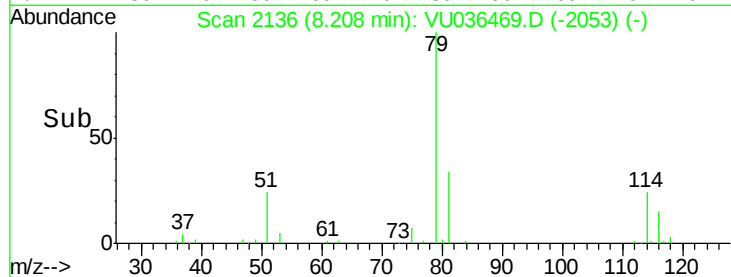
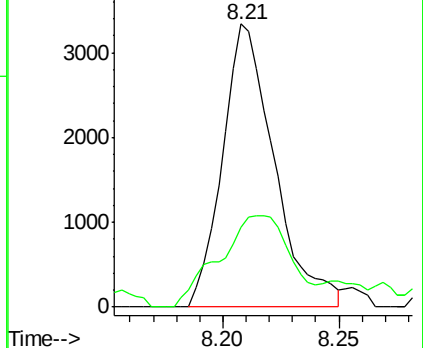
75 100

77 28.2 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.042 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036469.D

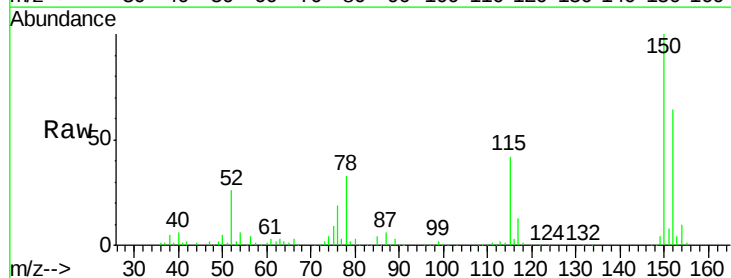
Acq: 15 Jan 2020 14:19

Tgt Ion: 75 Resp: 22101

Ion Ratio Lower Upper

75 100

77 34.4 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

