

Data File : VU036427.D
Acq On : 10 Jan 2020 13:56
Operator : JC/MD
Sample : L1042-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFRB1

Quant Time: Jan 10 22:59:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 10 22:57:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	455765	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	439426	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	170535	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	196501	55.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.66%
7) Chloroethane-d5	1.93	69	164133	54.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.58%
11) 1,1-Dichloroethene-d2	2.59	63	276729	45.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.48%
21) 2-Butanone-d5	4.68	46	284551	107.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.60%
24) Chloroform-d	5.11	84	339012	54.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.38%
26) 1,2-Dichloroethane-d4	5.74	65	240403	58.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.00%
32) Benzene-d6	5.77	84	705937	57.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.40%
36) 1,2-Dichloropropane-d6	6.73	67	229978	56.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.10%
41) Toluene-d8	7.93	98	654790	55.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.52%
43) trans-1,3-Dichloropropene-	8.21	79	120147	53.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.94%
47) 2-Hexanone-d5	8.67	63	214086	101.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.17%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	318327	51.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.32%
64) 1,2-Dichlorobenzene-d4	12.22	152	190785	53.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.66%

Target Compounds

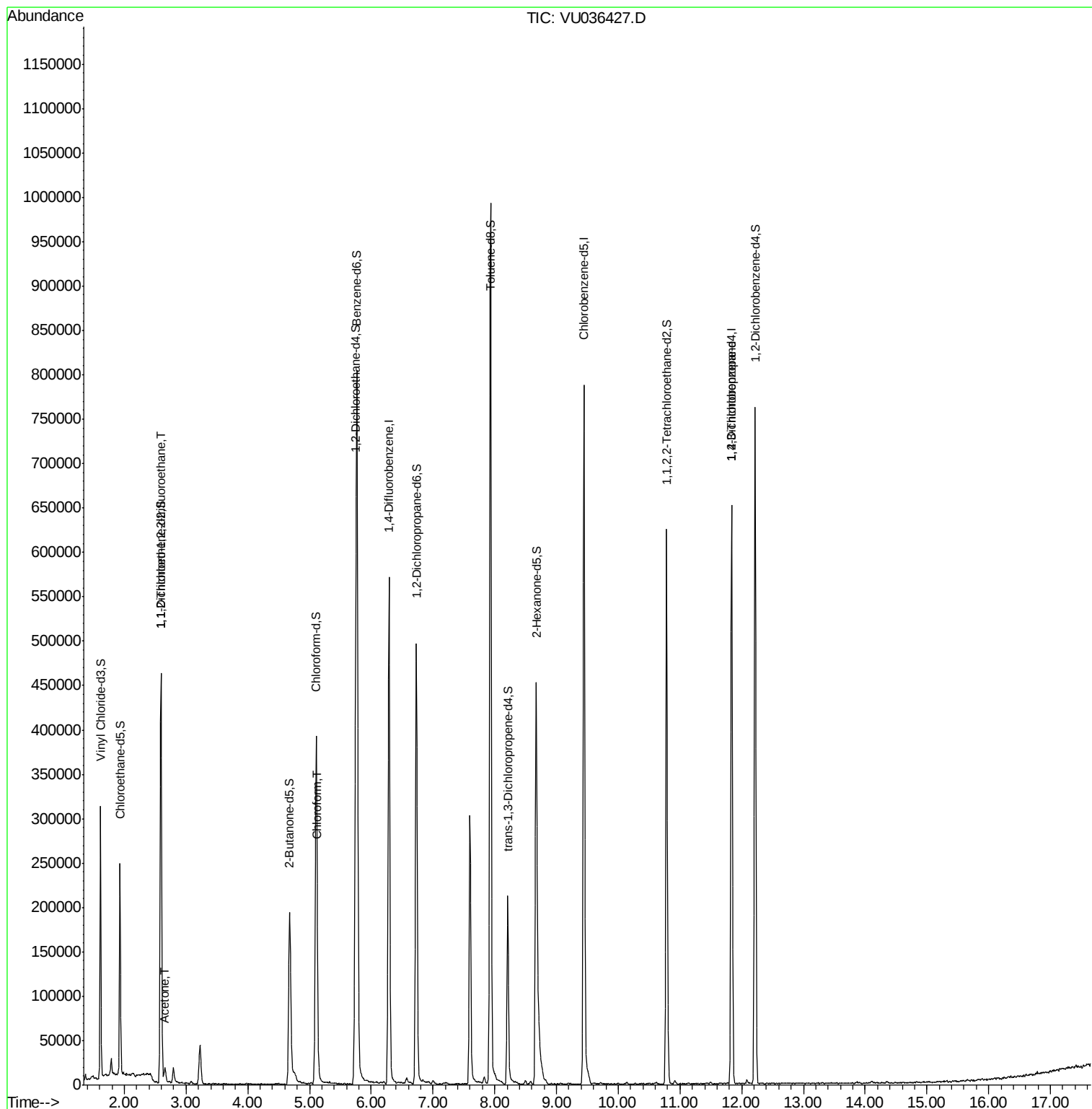
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2736	1.023 ug/L	# 23
13) Acetone	2.66	43	17582	6.410 ug/L	95
25) Chloroform	5.13	83	13558	2.230 ug/L	80
59) 1,2,3-Trichloropropane	11.83	75	23986	4.891 ug/L	88

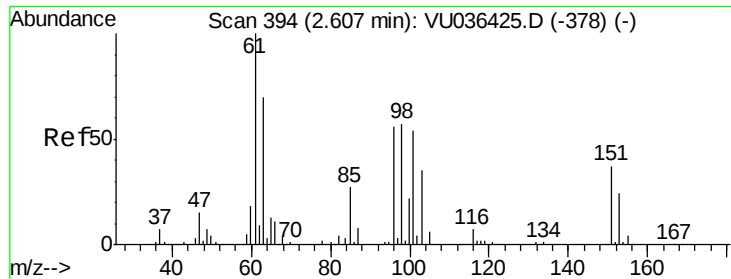
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 1.023 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

BFRB1

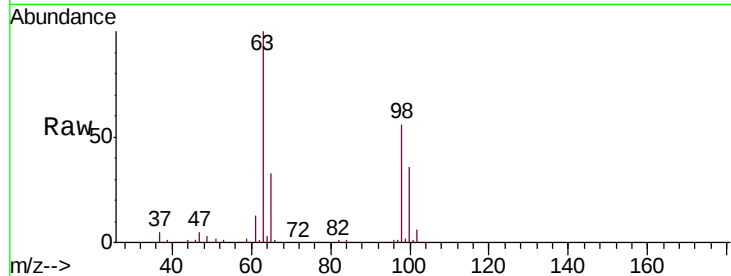
Tgt Ion: 101 Resp: 2736

Ion Ratio Lower Upper

101 100

85 1.8 37.1 55.7#

151 0.0 54.3 81.5#

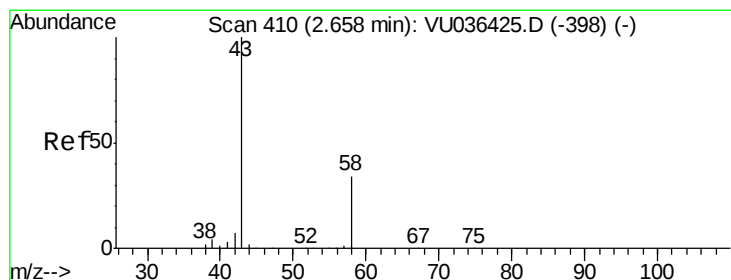
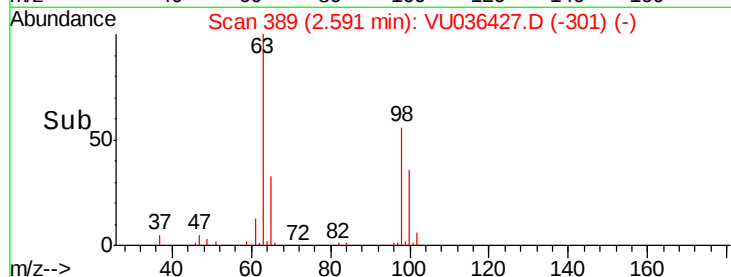
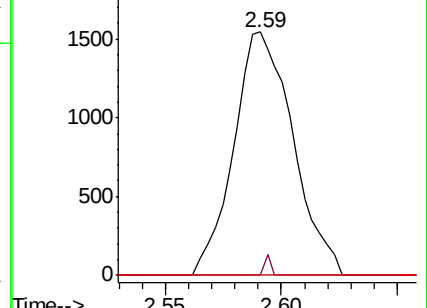


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.59



#13

Acetone

Concen: 6.410 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

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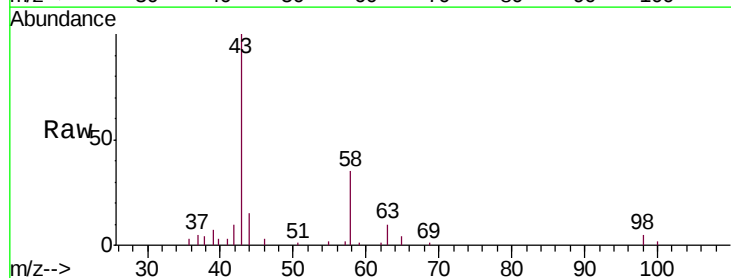
Acq: 10 Jan 2020 13:56

Tgt Ion: 43 Resp: 17582

Ion Ratio Lower Upper

43 100

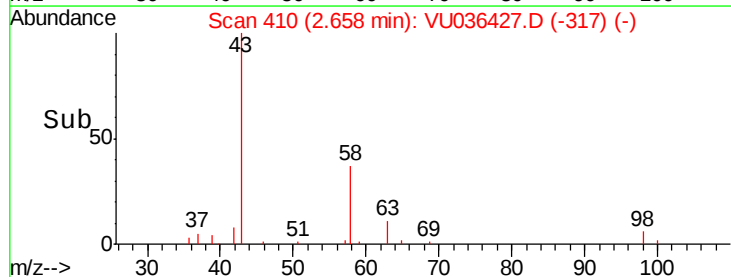
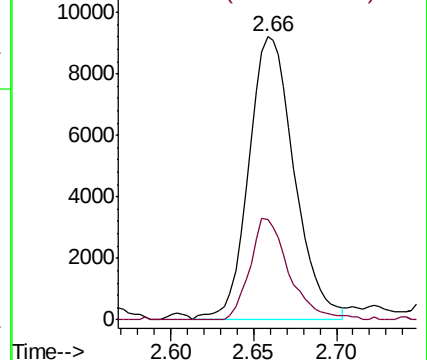
58 30.2 0.0 66.2

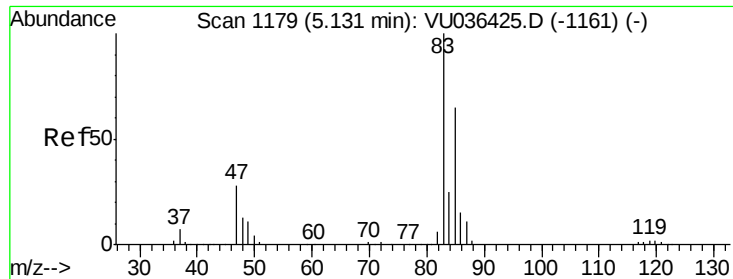


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.66

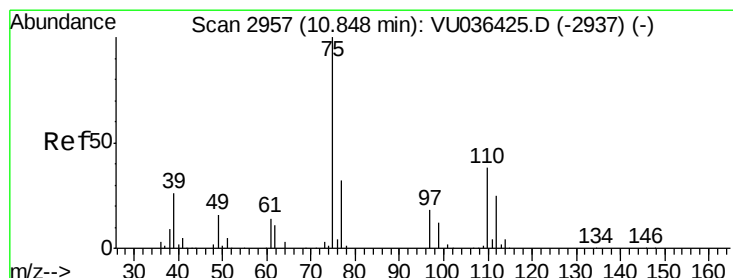
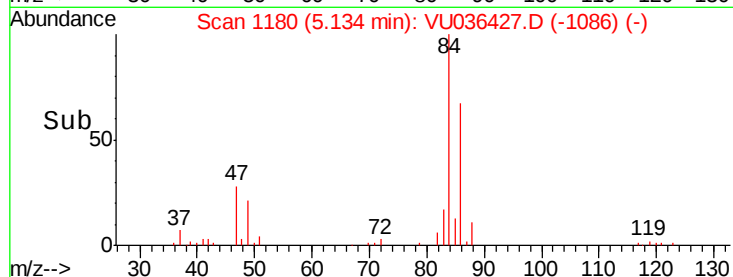
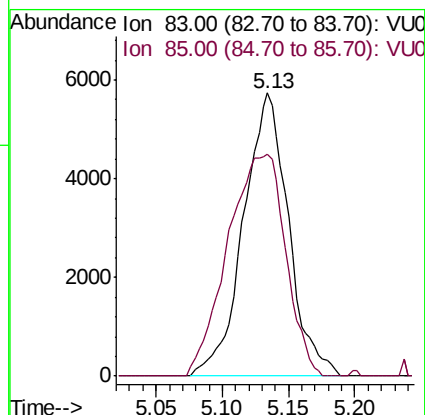
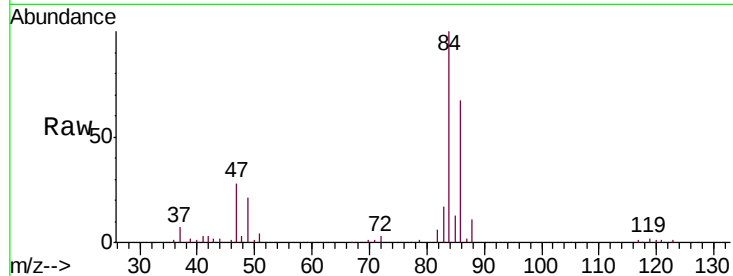




#25
Chloroform
Concen: 2.230 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
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Tgt Ion: 83 Resp: 13558
Ion Ratio Lower Upper
83 100
85 78.3 43.9 81.5



#59
1,2,3-Trichloropropane
Concen: 4.891 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.99 min
Lab File: VU036427.D
Acq: 10 Jan 2020 13:56

Tgt Ion: 75 Resp: 23986
Ion Ratio Lower Upper
75 100
77 39.5 26.3 39.5

