

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011320\
 Data File : VU036437.D
 Acq On : 13 Jan 2020 12:32
 Operator : JC/MD
 Sample : VU0113WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK37

Quant Time: Jan 14 16:23:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 14 16:20:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	476374	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	456480	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	174069	50.00	ug/L	0.00

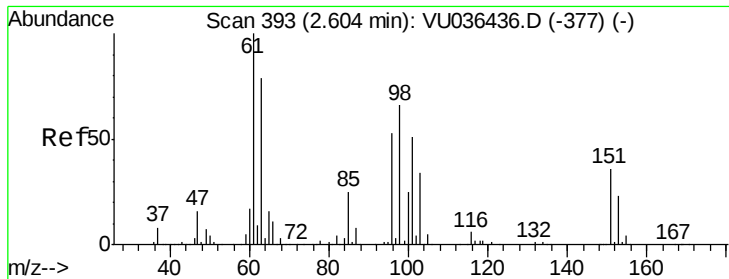
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	178235	48.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.04%
7) Chloroethane-d5	1.93	69	152121	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.16%
11) 1,1-Dichloroethene-d2	2.59	63	252394	39.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.82%
21) 2-Butanone-d5	4.68	46	301612	109.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.11%
24) Chloroform-d	5.11	84	325865	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.75	65	228131	53.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.22%
32) Benzene-d6	5.77	84	665886	52.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.73	67	214092	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.46%
41) Toluene-d8	7.93	98	604302	49.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.08%
43) trans-1,3-Dichloropropene-	8.21	79	112196	48.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.02%
47) 2-Hexanone-d5	8.67	63	224870	102.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.30%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	314965	48.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.44%
64) 1,2-Dichlorobenzene-d4	12.22	152	178224	48.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.62%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2264	0.810	ug/L #	27
12) 1,1-Dichloroethene	2.59	96	2184	0.792	ug/L #	1
13) Acetone	2.66	43	7820	2.728	ug/L	95
25) Chloroform	5.14	83	8772	1.380	ug/L	87
39) cis-1,3-Dichloropropene	7.60	75	8889	1.462	ug/L	85
69) Naphthalene	14.10	128	8906	0.916	ug/L #	95

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



#10

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

Concen: 0.810 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

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VBLK37

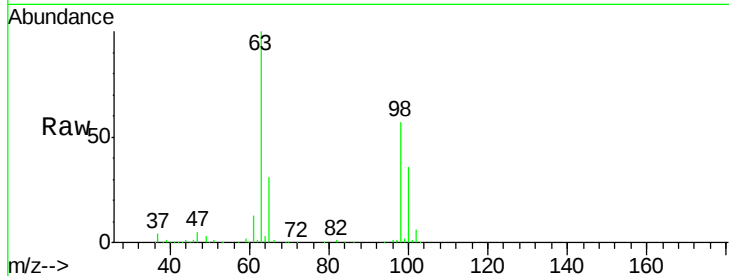
Tgt Ion: 101 Resp: 2264

Ion Ratio Lower Upper

101 100

85 2.0 37.1 55.7#

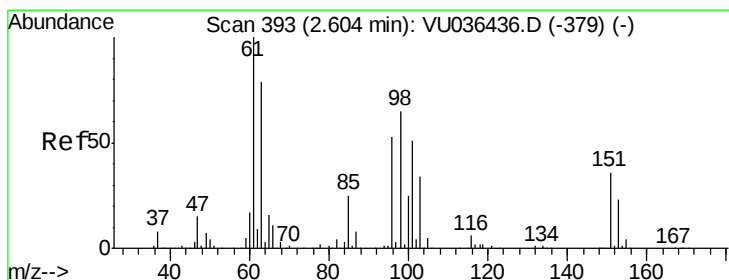
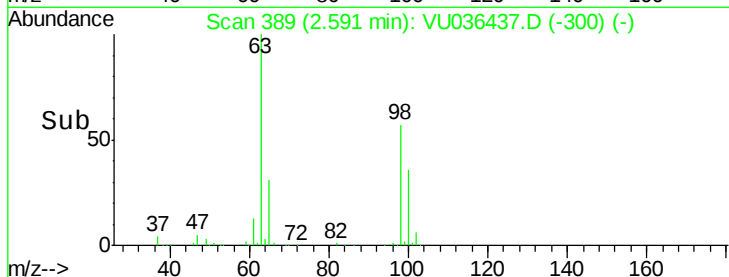
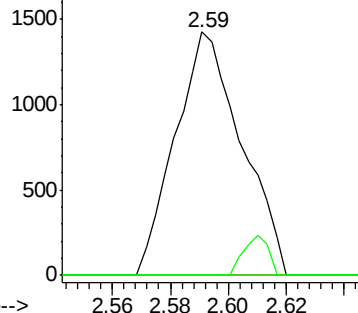
151 6.0 54.3 81.5#



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



#12

1,1-Dichloroethene

Concen: 0.792 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036437.D

Acq: 13 Jan 2020 12:32

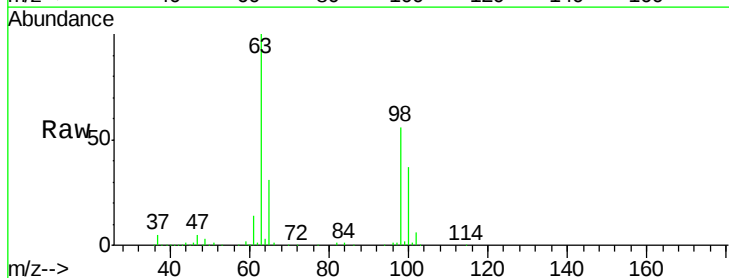
Tgt Ion: 96 Resp: 2184

Ion Ratio Lower Upper

96 100

61 1423.1 120.9 224.5#

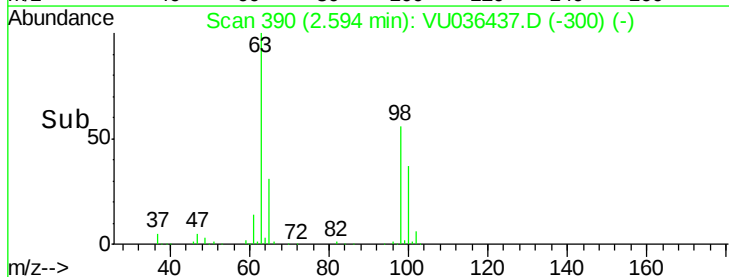
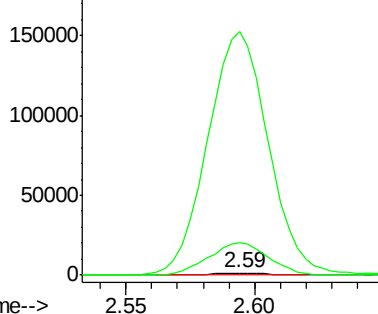
63 10508.0 81.8 152.0#

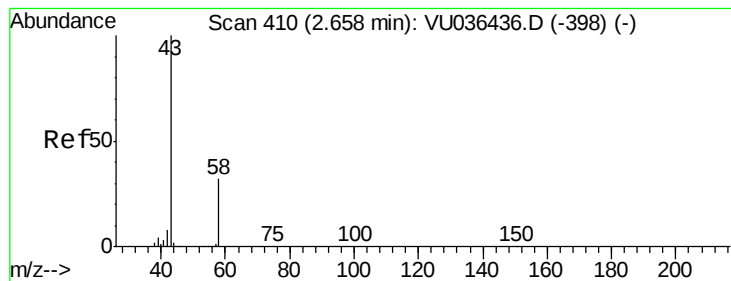


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.728 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036437.D

Acq: 13 Jan 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

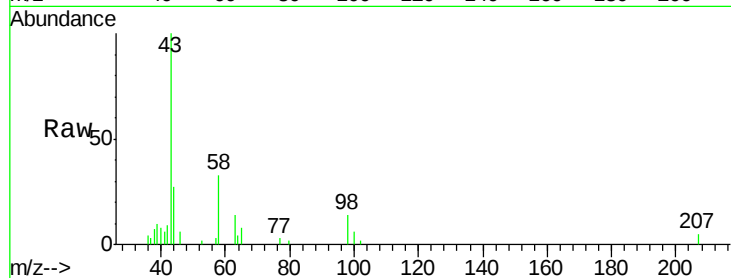
VBLK37

Tgt Ion: 43 Resp: 7820

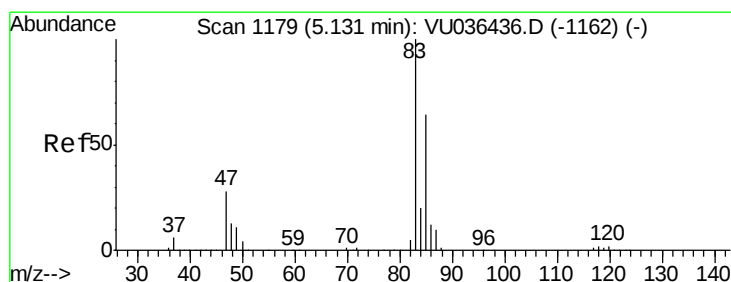
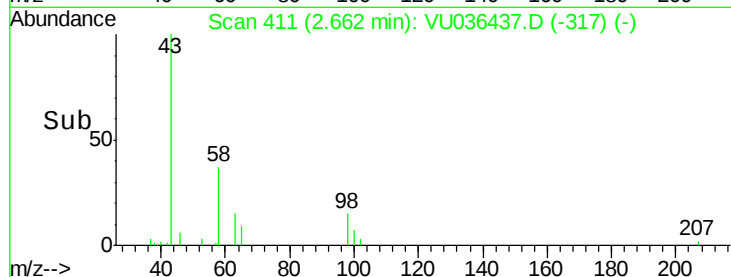
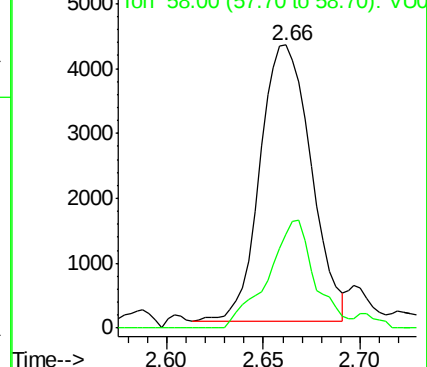
Ion Ratio Lower Upper

43 100

58 35.9 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU036437.D (-411) (-)



#25

Chloroform

Concen: 1.380 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VU036437.D

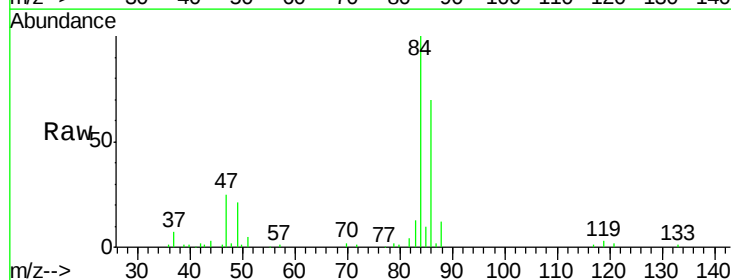
Acq: 13 Jan 2020 12:32

Tgt Ion: 83 Resp: 8772

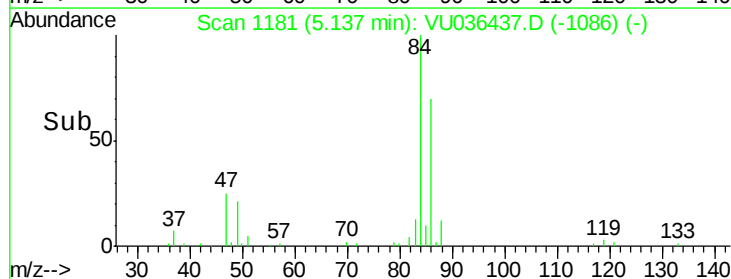
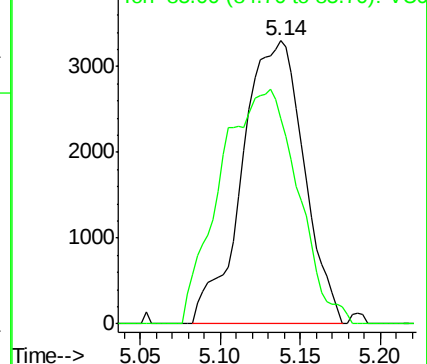
Ion Ratio Lower Upper

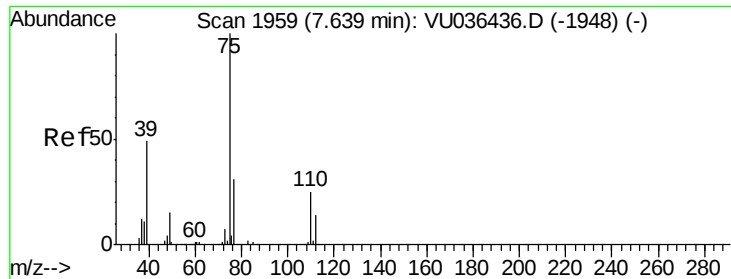
83 100

85 72.5 43.9 81.5



Abundance Ion 83.00 (82.70 to 83.70): VU036437.D (-1181) (-)



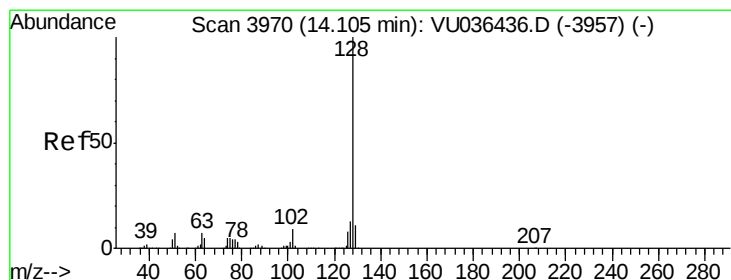
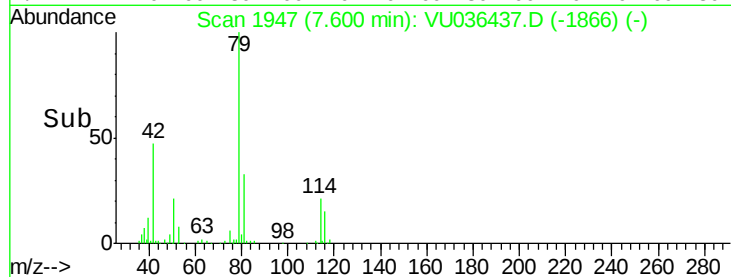
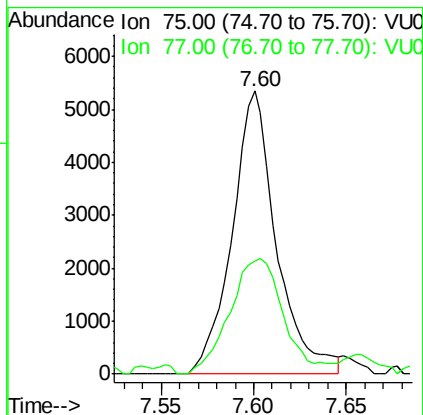
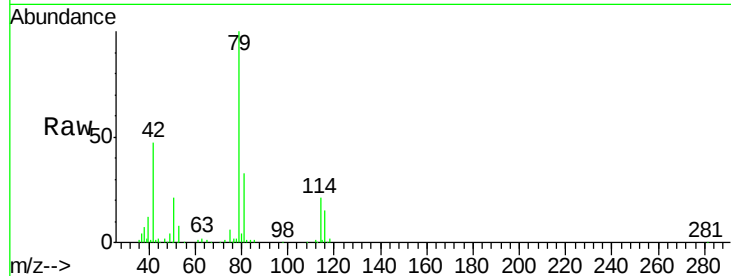


#39

cis-1,3-Dichloropropene
 Concen: 1.462 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036437.D
 Acq: 13 Jan 2020 12:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK37

Tgt Ion: 75 Resp: 8889
 Ion Ratio Lower Upper
 75 100
 77 40.1 22.2 41.2



#69

Naphthalene
 Concen: 0.916 ug/L
 RT: 14.10 min Scan# 3970
 Delta R.T. 0.00 min
 Lab File: VU036437.D
 Acq: 13 Jan 2020 12:32

Tgt Ion: 128 Resp: 8906
 Ion Ratio Lower Upper
 128 100
 127 10.2 10.5 15.7#
 129 11.1 8.5 12.7

