

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052819\
 Data File : VU032330.D
 Acq On : 28 May 2019 15:49
 Operator : JC/SP
 Sample : K3049-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHH4

Quant Time: May 29 05:31:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 05:27:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	744711	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	734362	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	309086	50.00	ug/L	0.00

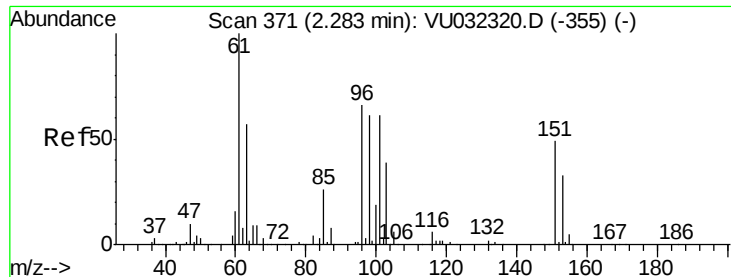
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	242090	44.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.20%
7) Chloroethane-d5	1.67	69	219215	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.90%
11) 1,1-Dichloroethene-d2	2.27	63	352320	36.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.26%
21) 2-Butanone-d5	4.17	46	377536	104.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.51%
24) Chloroform-d	4.64	84	475011	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.88%
26) 1,2-Dichloroethane-d4	5.31	65	296153	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.18%
32) Benzene-d6	5.33	84	992595	51.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.06%
36) 1,2-Dichloropropane-d6	6.32	67	304910	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.00%
41) Toluene-d8	7.56	98	877341	48.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.64%
43) trans-1,3-Dichloropropene-	7.85	79	129704	47.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.74%
47) 2-Hexanone-d5	8.31	63	280570	111.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	455938	49.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.82%
64) 1,2-Dichlorobenzene-d4	11.85	152	333667	52.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.88%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3861	0.817 ug/L #	23
12) 1,1-Dichloroethene	2.27	96	3174	0.658 ug/L #	1
13) Acetone	2.32	43	6804	1.999 ug/L	70
44) trans-1,3-Dichloropropene	7.85	75	5280	0.760 ug/L	89
48) 2-Hexanone	8.37	43	11461	2.007 ug/L #	75

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



#10

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

Concen: 0.817 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032330.D

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Instrument :

MSVOA_U

ClientSampled :

BFHH4

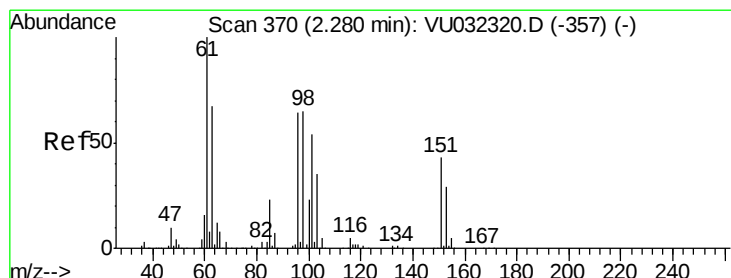
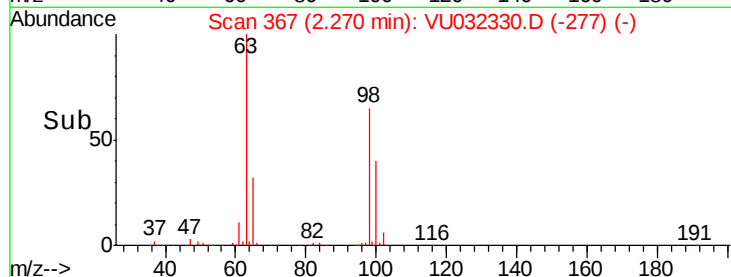
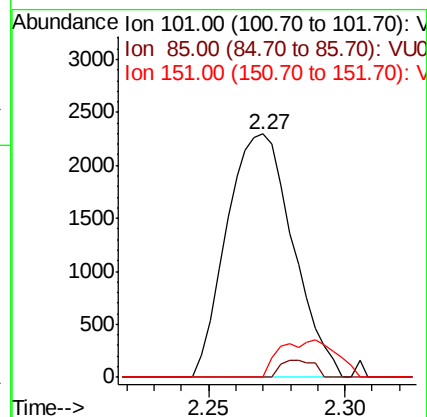
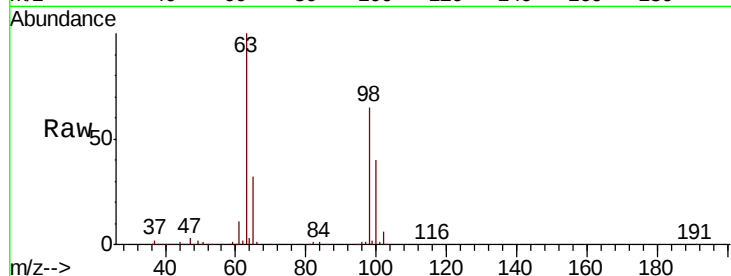
Tgt Ion:101 Resp: 3861

Ion Ratio Lower Upper

101 100

85 2.9 33.4 50.0#

151 5.4 63.7 95.5#



#12

1,1-Dichloroethene

Concen: 0.658 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032330.D

Acq: 28 May 2019 15:49

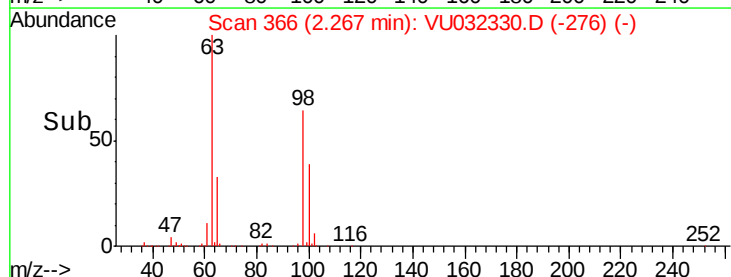
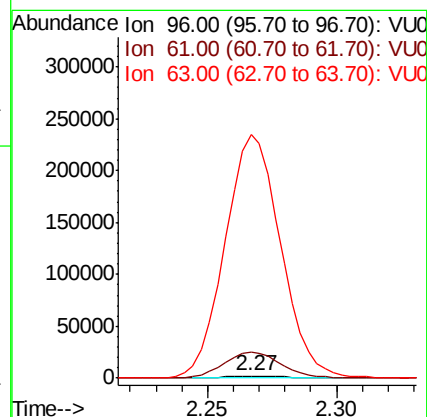
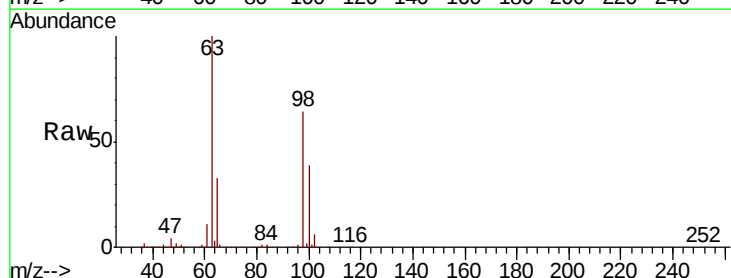
Tgt Ion: 96 Resp: 3174

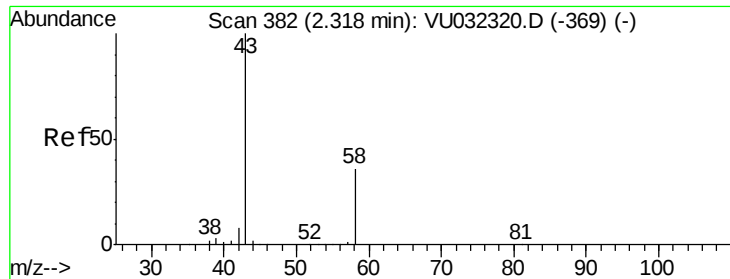
Ion Ratio Lower Upper

96 100

61 1348.5 109.8 203.8#

63 12447.1 74.4 138.2#





#13

Acetone

Concen: 1.999 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032330.D

Acq: 28 May 2019 15:49

Instrument :

MSVOA_U

ClientSampleId :

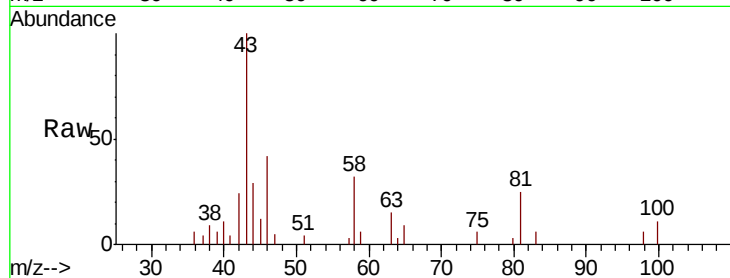
BFHH4

Tgt Ion: 43 Resp: 6804

Ion Ratio Lower Upper

43 100

58 18.9 0.0 73.6



Abundance Ion 43.00 (42.70 to 43.70): VU032330.D (-369) (-)

Ion 58.00 (57.70 to 58.70): VU032330.D (-369) (-)

2.32

4000

3000

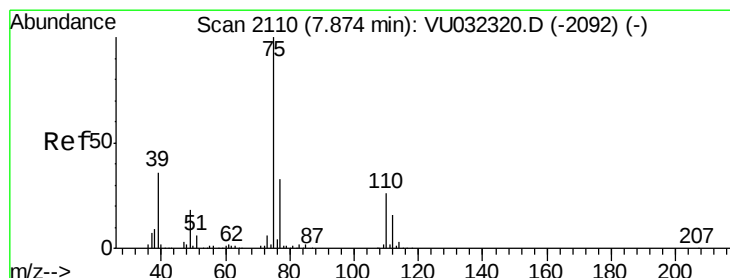
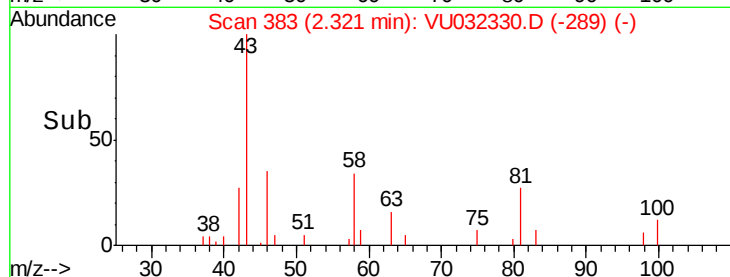
2000

1000

0

Time-->

2.25 2.30 2.35



#44

trans-1,3-Dichloropropene

Concen: 0.760 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032330.D

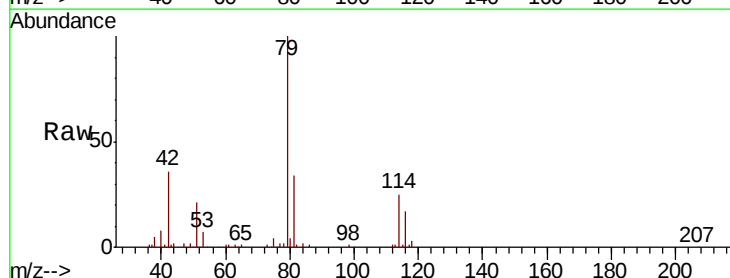
Acq: 28 May 2019 15:49

Tgt Ion: 75 Resp: 5280

Ion Ratio Lower Upper

75 100

77 38.9 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VU032330.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU032330.D (-2092) (-)

7.85

3000

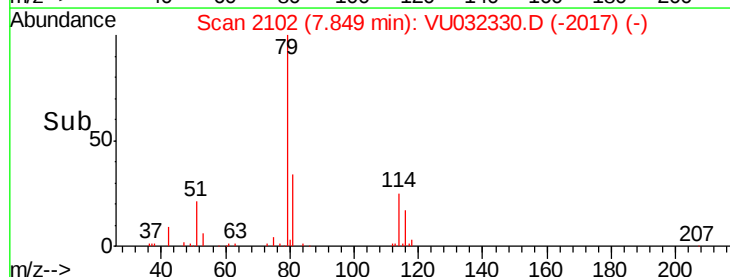
2000

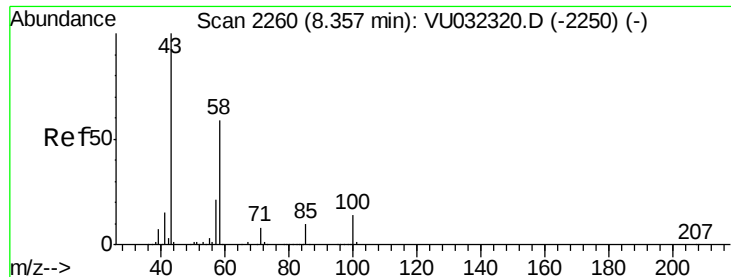
1000

0

Time-->

7.80 7.85





#48

2-Hexanone

Concen: 2.007 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU032330.D

Acq: 28 May 2019 15:49

Instrument :

MSVOA_U

ClientSampleId :

BFHH4

Tgt Ion: 43 Resp: 11461

Ion Ratio Lower Upper

43 100

58 42.1 48.6 73.0#

57 2.4 17.0 25.4#

100 12.8 11.0 16.4

