

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052819\
 Data File : VU032331.D
 Acq On : 28 May 2019 16:12
 Operator : JC/SP
 Sample : K3049-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHH3

Quant Time: May 29 05:31:12 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	686981	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	688129	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	287278	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	241433	47.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.36%
7) Chloroethane-d5	1.67	69	215204	52.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.26%
11) 1,1-Dichloroethene-d2	2.27	63	353699	39.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.64%
21) 2-Butanone-d5	4.17	46	380034	114.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.04%
24) Chloroform-d	4.64	84	467869	52.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.58%
26) 1,2-Dichloroethane-d4	5.31	65	298117	56.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.68%
32) Benzene-d6	5.34	84	989052	54.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.32	67	306299	54.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.34%
41) Toluene-d8	7.56	98	878945	52.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.38%
43) trans-1,3-Dichloropropene-	7.85	79	129946	50.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.30%
47) 2-Hexanone-d5	8.31	63	273428	116.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	448706	52.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	332099	56.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.38%

Target Compounds

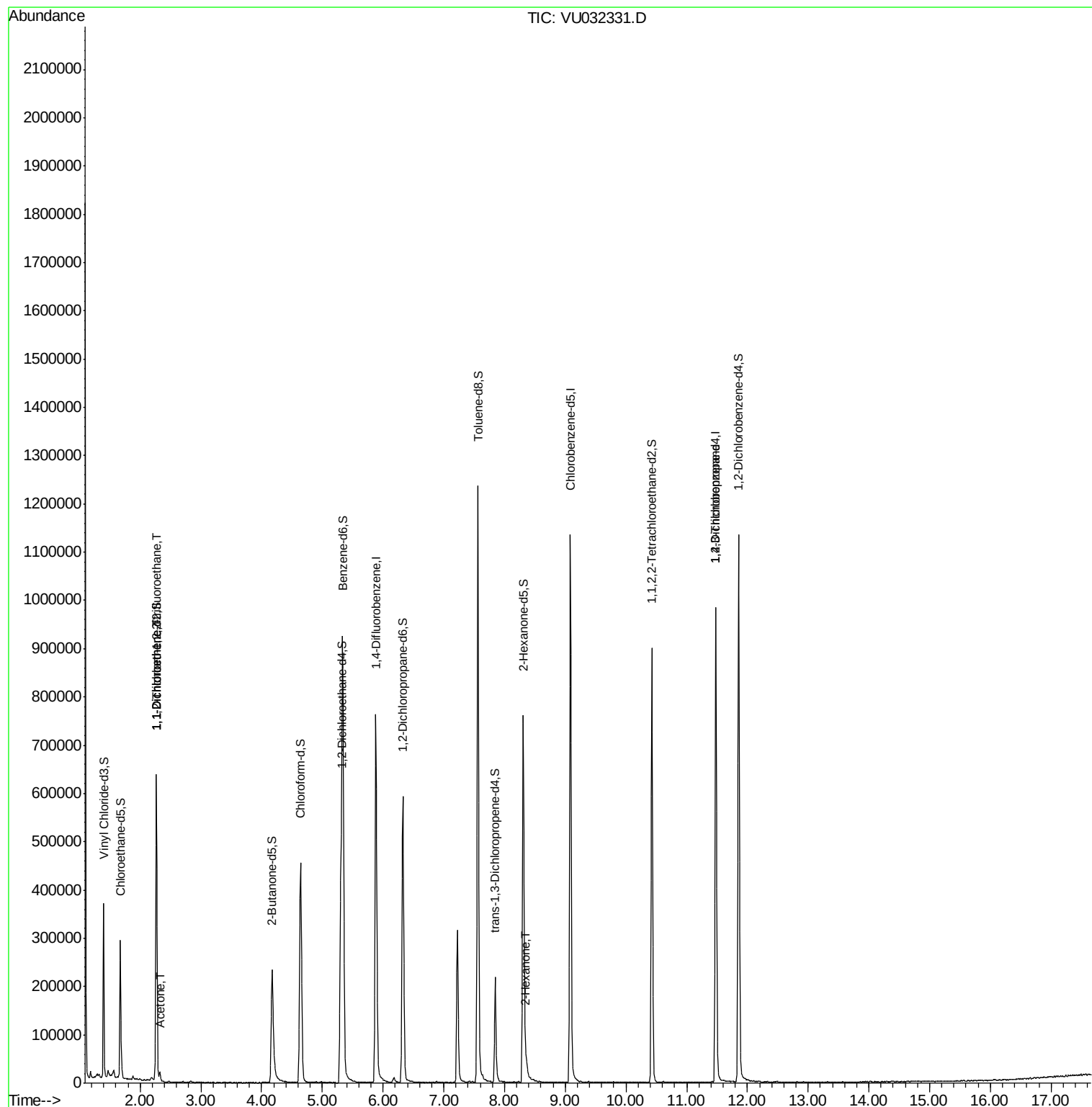
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3706	0.850 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	2772	0.623 ug/L #	1
13) Acetone	2.32	43	14611	4.652 ug/L	99
48) 2-Hexanone	8.36	43	15648	2.924 ug/L #	44
59) 1,2,3-Trichloropropane	11.48	75	28469	4.267 ug/L	92

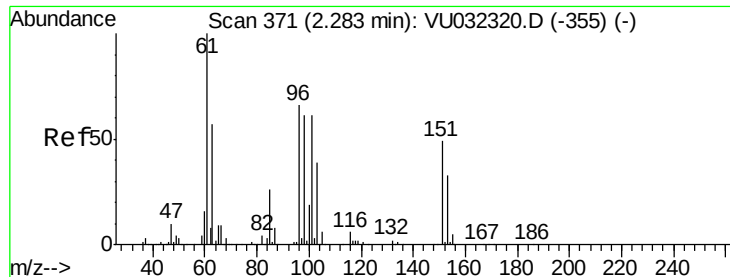
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed May 29 05:27:35 2019
Response via : Initial Calibration





#10

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

Concen: 0.850 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032331.D

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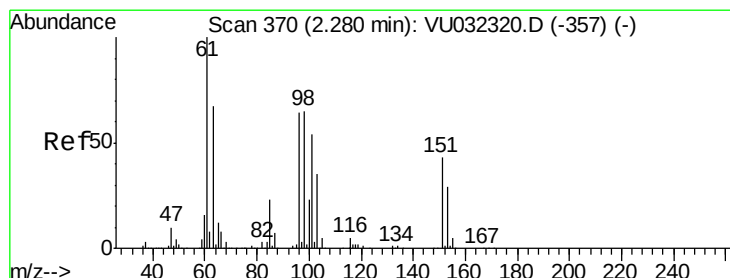
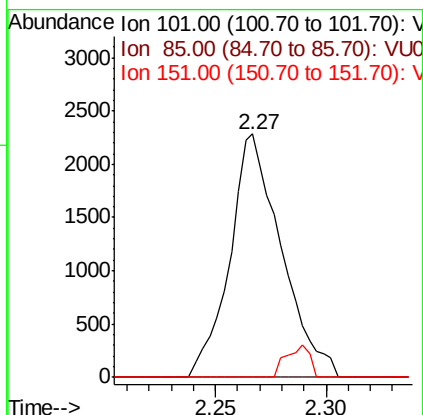
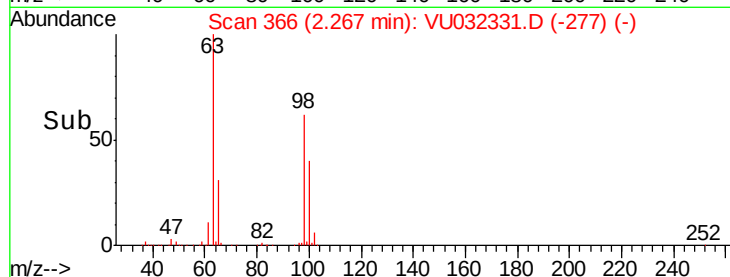
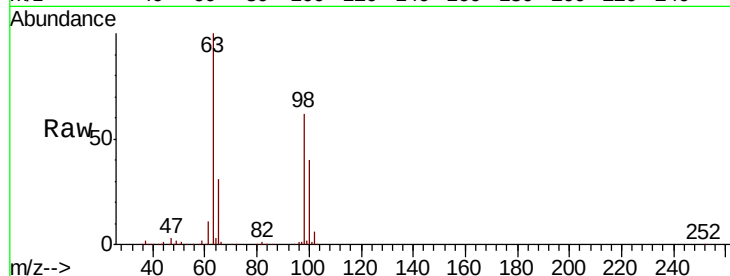
Tgt Ion:101 Resp: 3706

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.0#

151 6.0 63.7 95.5#



#12

1,1-Dichloroethene

Concen: 0.623 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032331.D

Acq: 28 May 2019 16:12

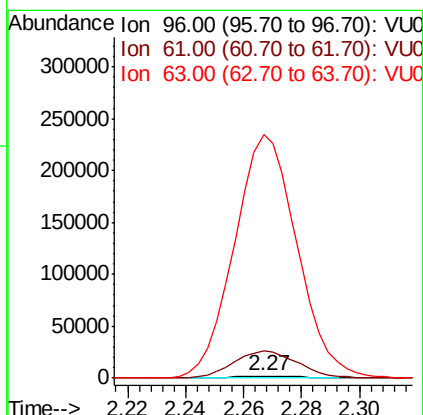
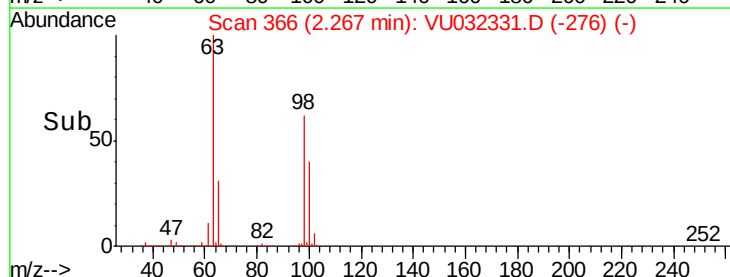
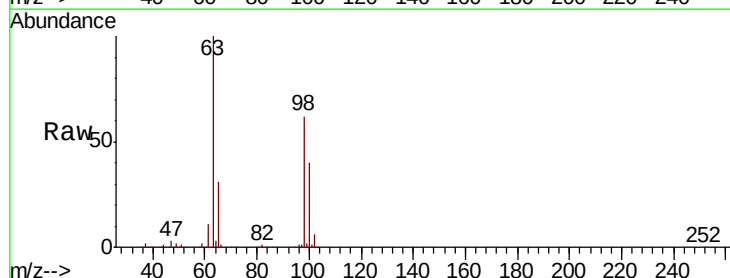
Tgt Ion: 96 Resp: 2772

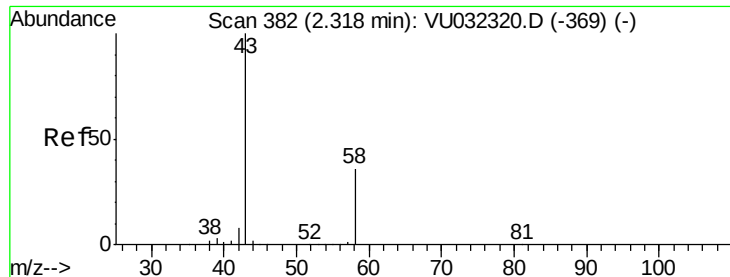
Ion Ratio Lower Upper

96 100

61 1448.2 109.8 203.8#

63 13140.4 74.4 138.2#





#13

Acetone

Concen: 4.652 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032331.D

Acq: 28 May 2019 16:12

Instrument :

MSVOA_U

ClientSampleId :

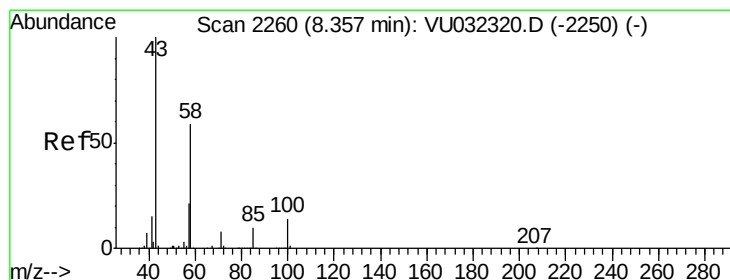
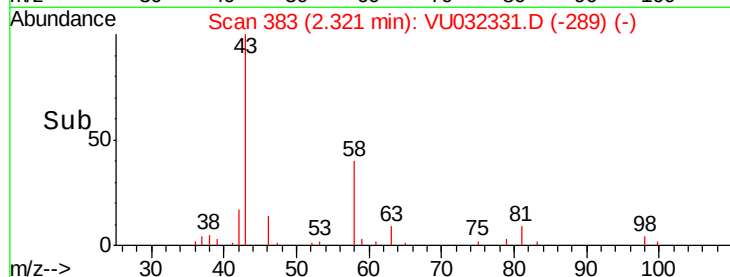
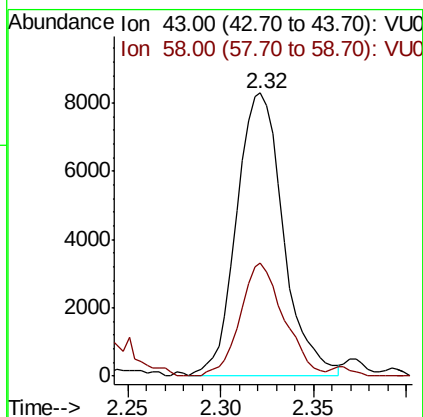
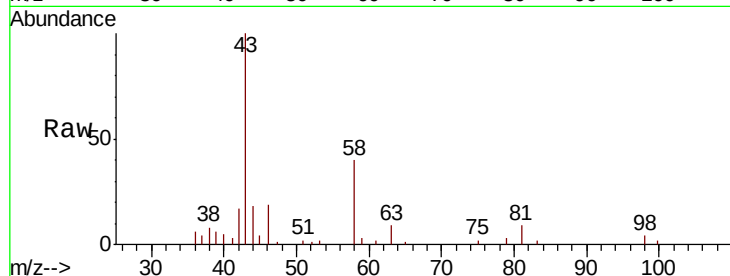
BFHH3

Tgt Ion: 43 Resp: 14611

Ion Ratio Lower Upper

43 100

58 37.2 0.0 73.6



#48

2-Hexanone

Concen: 2.924 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. 0.00 min

Lab File: VU032331.D

Acq: 28 May 2019 16:12

Tgt Ion: 43 Resp: 15648

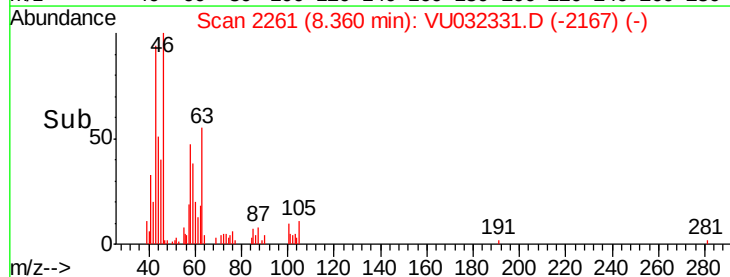
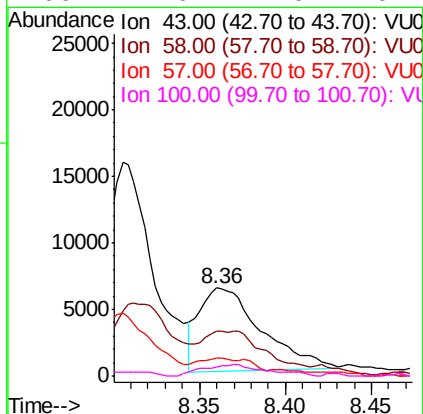
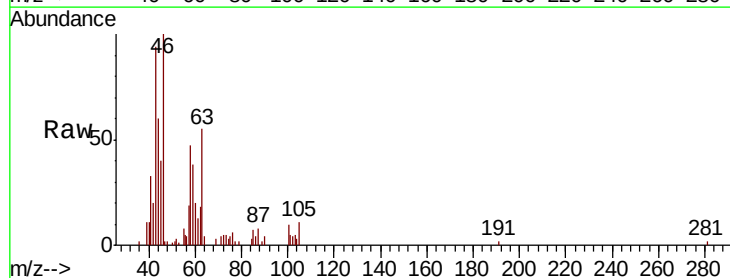
Ion Ratio Lower Upper

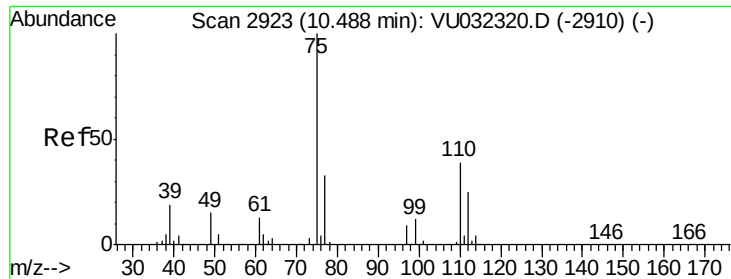
43 100

58 4.1 48.6 73.0#

57 3.5 17.0 25.4#

100 12.6 11.0 16.4





#59

1,2,3-Trichloropropane

Concen: 4.267 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032331.D

Acq: 28 May 2019 16:12

Instrument :

MSVOA_U

ClientSampleId :

BFHH3

Tgt Ion: 75 Resp: 28469

Ion Ratio Lower Upper

75 100

77 36.9 25.8 38.8

