

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011020\
 Data File : VU036428.D
 Acq On : 10 Jan 2020 14:21
 Operator : JC/MD
 Sample : L1042-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFRB2

Quant Time: Jan 13 09:09:44 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	433845	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	421758	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	161174	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	185188	54.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.56%
7) Chloroethane-d5	1.93	69	153893	53.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.94%
11) 1,1-Dichloroethene-d2	2.59	63	259684	45.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.18%
21) 2-Butanone-d5	4.68	46	271981	108.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.04%
24) Chloroform-d	5.11	84	321657	54.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.04%
26) 1,2-Dichloroethane-d4	5.75	65	224285	57.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.66%
32) Benzene-d6	5.77	84	646277	55.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.08%
36) 1,2-Dichloropropane-d6	6.73	67	211054	53.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.20%
41) Toluene-d8	7.93	98	602519	53.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.92%
43) trans-1,3-Dichloropropene-	8.21	79	107996	50.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.08%
47) 2-Hexanone-d5	8.67	63	212910	104.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.83%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	304072	50.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.82%
64) 1,2-Dichlorobenzene-d4	12.22	152	178401	52.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.54%

Target Compounds

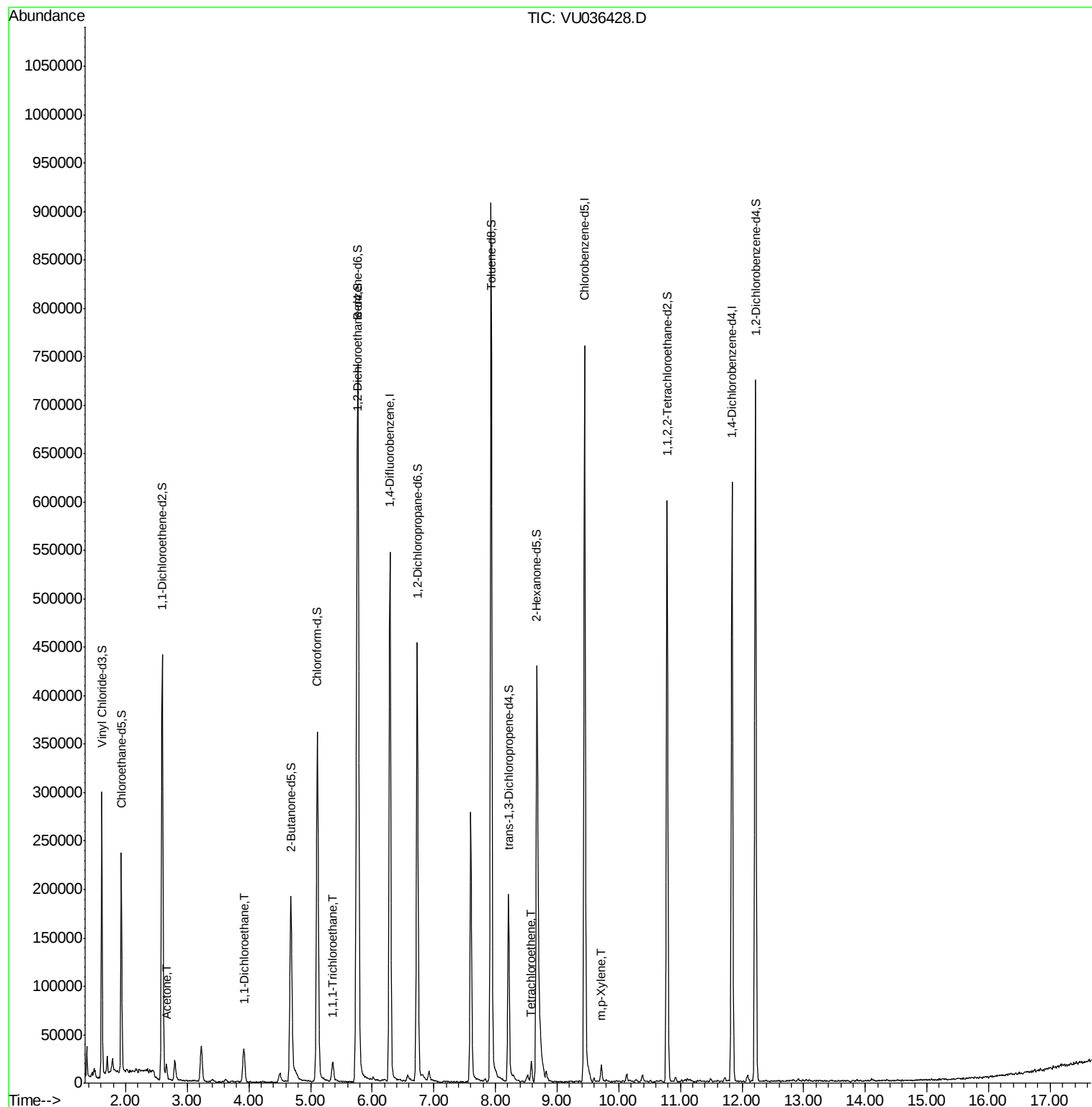
					Ovalue
13) Acetone	2.66	43	14640	5.607 ug/L	99
19) 1,1-Dichloroethane	3.92	63	39737	7.314 ug/L	95
30) 1,1,1-Trichloroethane	5.36	97	14675	2.839 ug/L #	89
46) Tetrachloroethene	8.58	164	3961	1.724 ug/L	91
53) m,p-Xylene	9.72	106	5422	0.941 ug/L	73

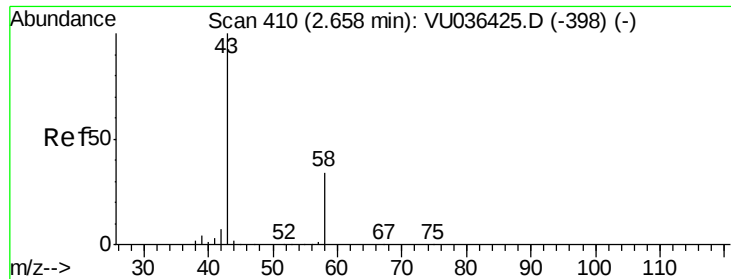
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.607 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036428.D

Acq: 10 Jan 2020 14:21

Instrument :

MSVOA_U

ClientSampleId :

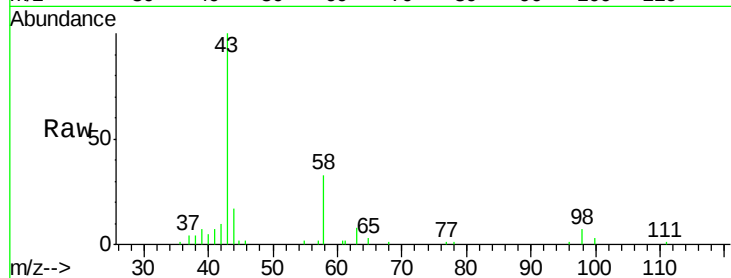
BFRB2

Tot Ion: 43 Resp: 14640

Ion Ratio Lower Upper

43 100

58 33.9 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU036428.D (-411) (-)

Ion 58.00 (57.70 to 58.70): VU036428.D (-411) (-)

2.66

8000

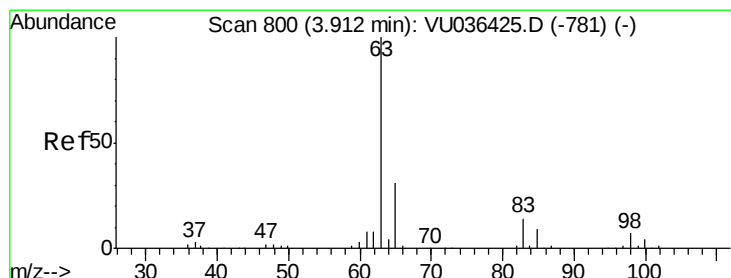
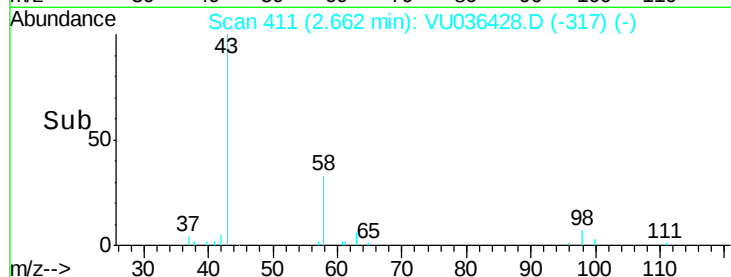
6000

4000

2000

0

Time--> 2.60 2.65 2.70



#19

1,1-Dichloroethane

Concen: 7.314 ug/L

RT: 3.92 min Scan# 801

Delta R.T. 0.00 min

Lab File: VU036428.D

Acq: 10 Jan 2020 14:21

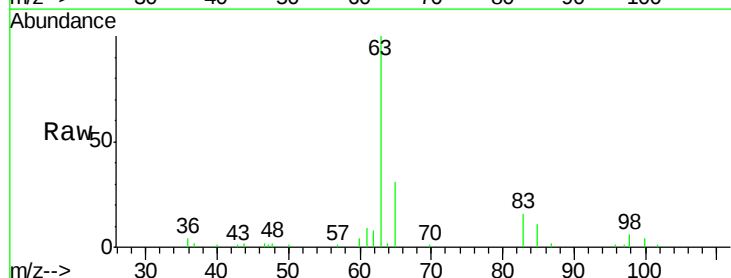
Tgt Ion: 63 Resp: 39737

Ion Ratio Lower Upper

63 100

65 31.4 20.0 37.2

83 16.0 9.6 17.8



Abundance Ion 63.00 (62.70 to 63.70): VU036428.D (-801) (-)

Ion 65.00 (64.70 to 65.70): VU036428.D (-801) (-)

Ion 83.00 (82.70 to 83.70): VU036428.D (-801) (-)

3.92

20000

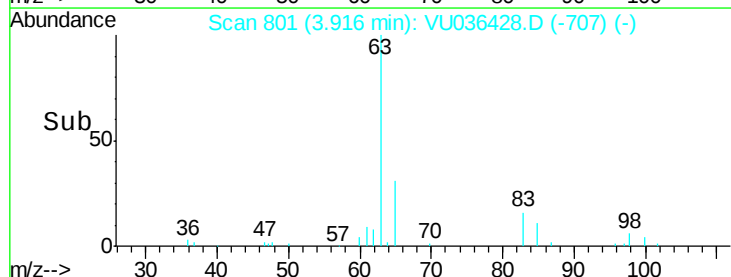
15000

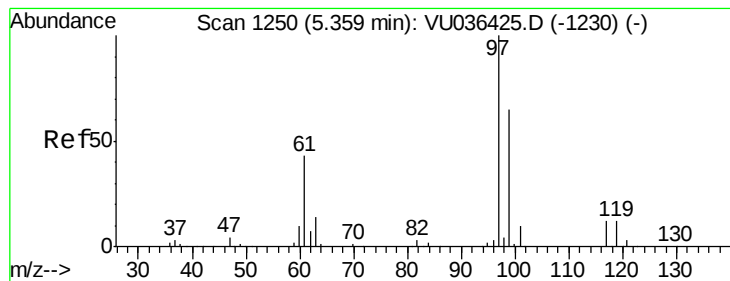
10000

5000

0

Time--> 3.85 3.90 3.95 4.00





#30

1,1,1-Trichloroethane

Concen: 2.839 ug/L

RT: 5.36 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VU036428.D

Acq: 10 Jan 2020 14:21

Instrument :

MSVOA_U

ClientSampleId :

BFRB2

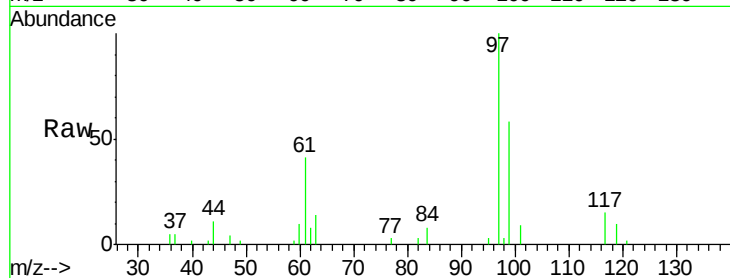
Tot Ion: 97 Resp: 14675

Ion Ratio Lower Upper

97 100

99 63.2 51.0 76.4

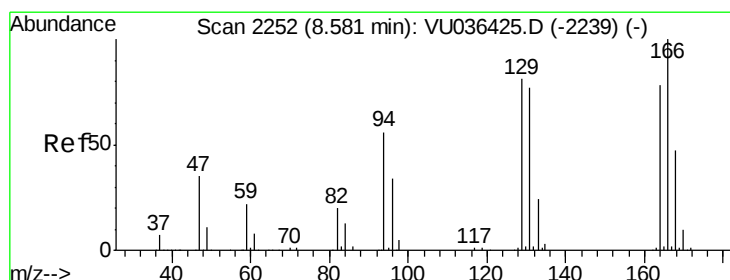
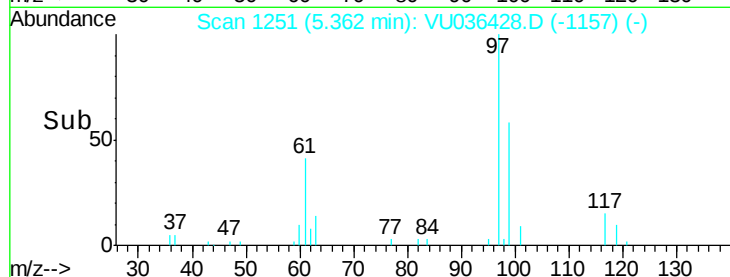
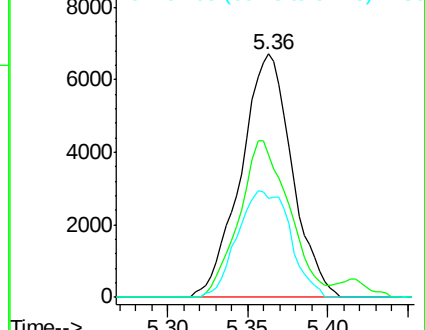
61 27.2 34.7 52.1#



Abundance Ion 97.00 (96.70 to 97.70): VU036428.D (-1230) (-)

Ion 99.00 (98.70 to 99.70): VU036428.D (-1230) (-)

Ion 61.05 (60.75 to 61.75): VU036428.D (-1230) (-)



#46

Tetrachloroethene

Concen: 1.724 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU036428.D

Acq: 10 Jan 2020 14:21

Tgt Ion:164 Resp: 3961

Ion Ratio Lower Upper

164 100

129 105.3 70.0 130.0

131 94.8 70.1 130.1

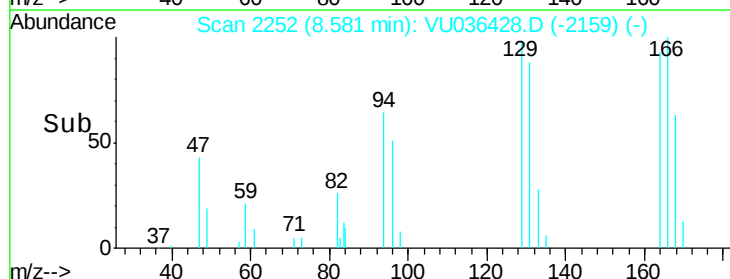
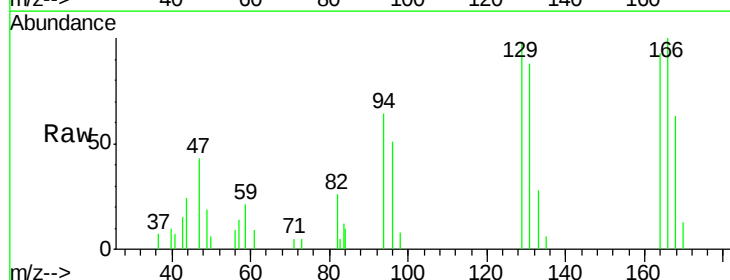
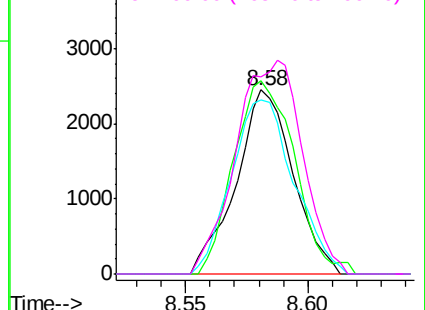
166 107.4 87.2 161.9

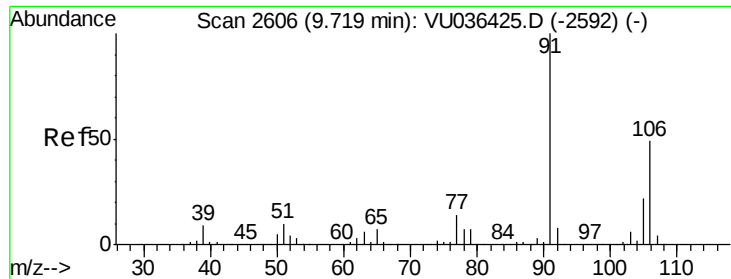
Abundance Ion 164.00 (163.70 to 164.70): VU036428.D (-2239) (-)

Ion 129.00 (128.70 to 129.70): VU036428.D (-2239) (-)

Ion 131.00 (130.70 to 131.70): VU036428.D (-2239) (-)

Ion 166.00 (165.70 to 166.70): VU036428.D (-2239) (-)





#53
 m,p-Xylene
 Concen: 0.941 ug/L
 RT: 9.72 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VU036428.D
 Acq: 10 Jan 2020 14:21

Instrument :
 MSVOA_U
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 BFRB2

Tot Ion:106 Resp: 5422
 Ion Ratio Lower Upper
 106 100
 91 167.0 146.8 272.6

