

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011420\
 Data File : VU036458.D
 Acq On : 14 Jan 2020 22:49
 Operator : JC/MD
 Sample : L1117-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFRB4

Quant Time: Jan 15 10:15:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 00:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	475921	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	447686	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	161316	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	183412	59.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.88%
7) Chloroethane-d5	1.93	69	152332	57.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.06%
11) 1,1-Dichloroethene-d2	2.59	63	262690	44.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.68%
21) 2-Butanone-d5	4.68	46	280378	105.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.69%
24) Chloroform-d	5.11	84	336672	54.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.62%
26) 1,2-Dichloroethane-d4	5.75	65	230932	56.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.10%
32) Benzene-d6	5.77	84	665712	56.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.72%
36) 1,2-Dichloropropane-d6	6.73	67	218021	57.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.52%
41) Toluene-d8	7.93	98	616016	55.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.26%
43) trans-1,3-Dichloropropene-	8.21	79	109024	53.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.30%
47) 2-Hexanone-d5	8.67	63	210946	108.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.11%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	316487	55.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.52%
64) 1,2-Dichlorobenzene-d4	12.22	152	180970	56.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.90%

Target Compounds

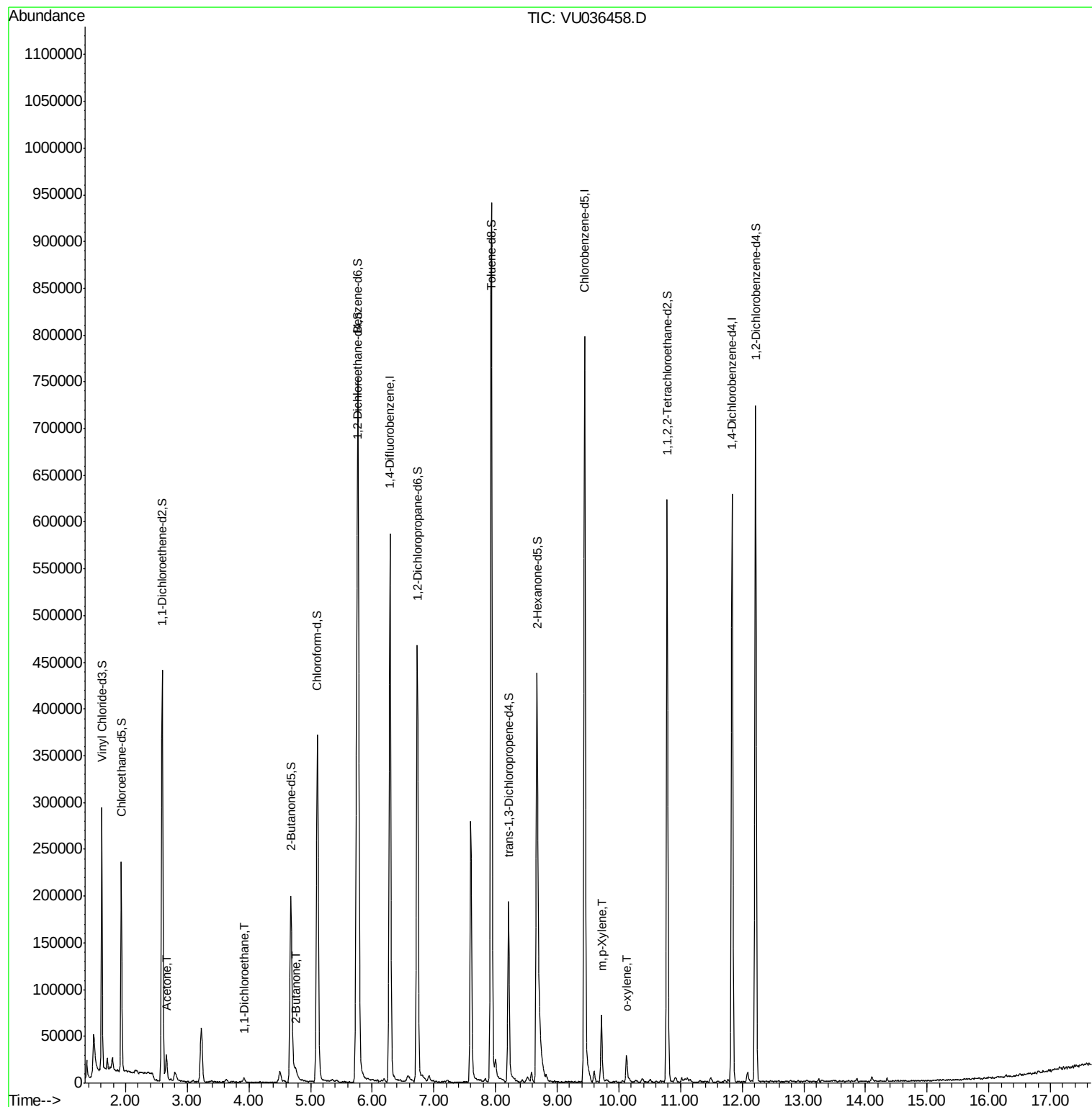
					Ovalue
13) Acetone	2.66	43	27855	9.702 ug/L	95
19) 1,1-Dichloroethane	3.92	63	5370	0.922 ug/L	96
22) 2-Butanone	4.76	43	9674	2.969 ug/L	95
53) m,p-Xylene	9.72	106	19700	3.376 ug/L	79
54) o-xylene	10.13	106	7622	1.308 ug/L	99

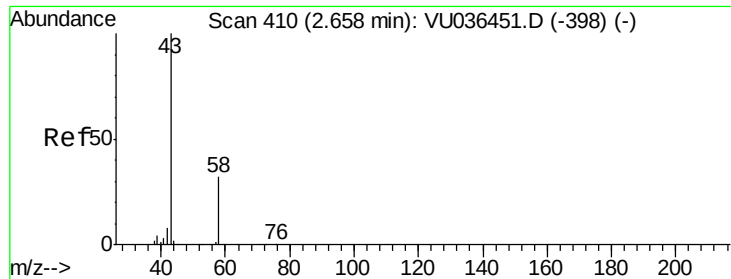
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 9.702 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036458.D

Acq: 14 Jan 2020 22:49

Instrument :

MSVOA_U

ClientSampled :

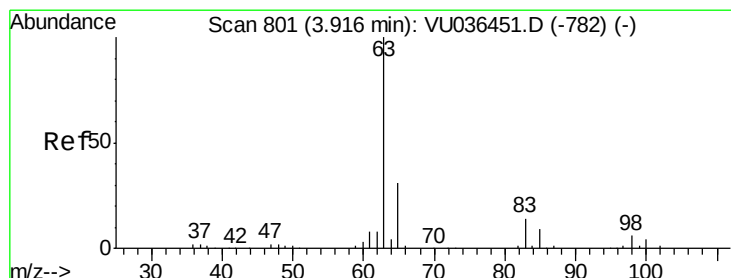
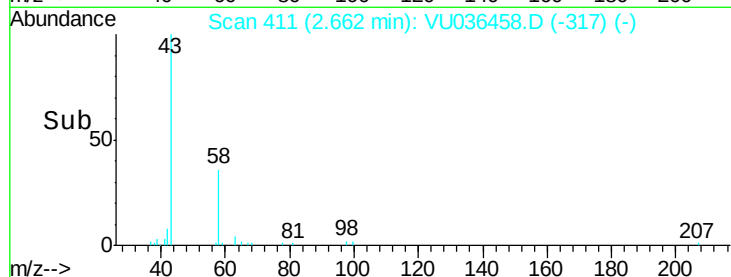
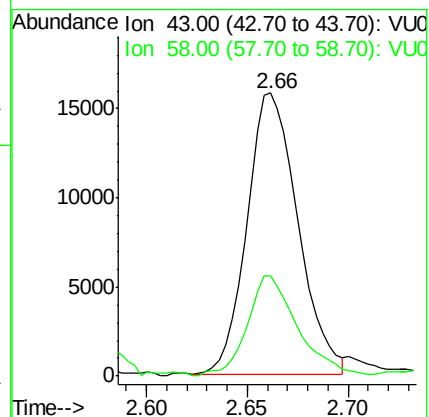
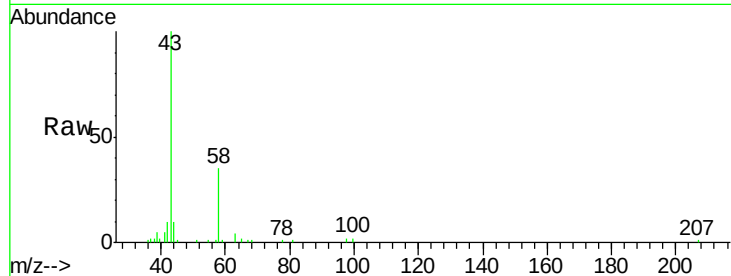
BFRB4

Tot Ion: 43 Resp: 27855

Ion Ratio Lower Upper

43 100

58 35.3 0.0 65.0



#19

1,1-Dichloroethane

Concen: 0.922 ug/L

RT: 3.92 min Scan# 803

Delta R.T. 0.01 min

Lab File: VU036458.D

Acq: 14 Jan 2020 22:49

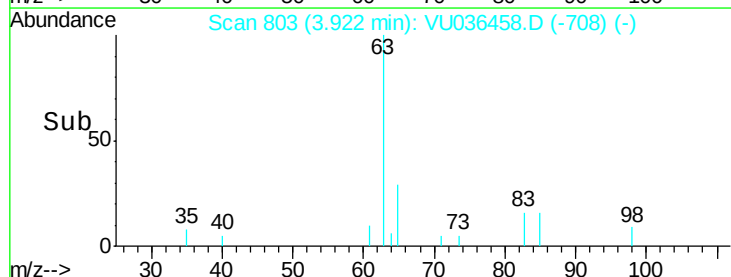
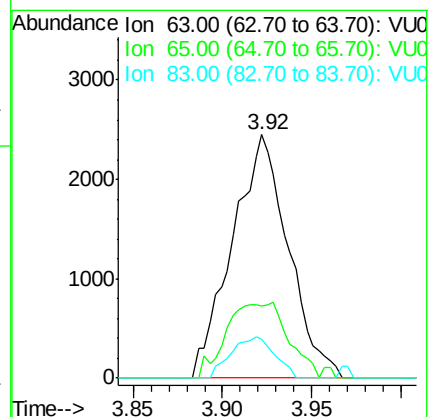
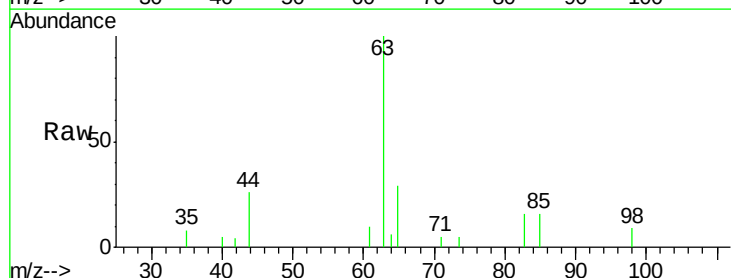
Tgt Ion: 63 Resp: 5370

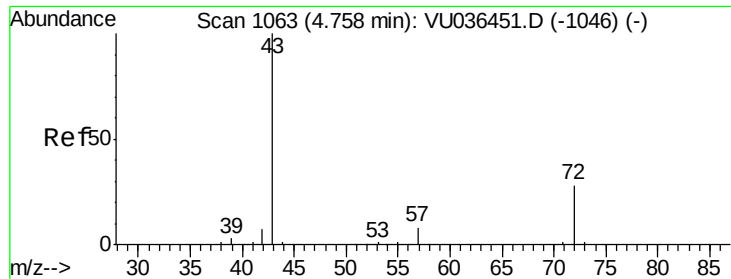
Ion Ratio Lower Upper

63 100

65 29.4 21.8 40.4

83 16.1 9.4 17.6





#22

2-Butanone

Concen: 2.969 ug/L

RT: 4.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: VU036458.D

Acq: 14 Jan 2020 22:49

Instrument :

MSVOA_U

ClientSampled :

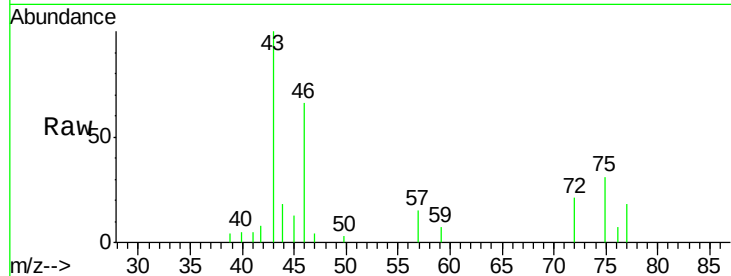
BFRB4

Tot Ion: 43 Resp: 9674

Ion Ratio Lower Upper

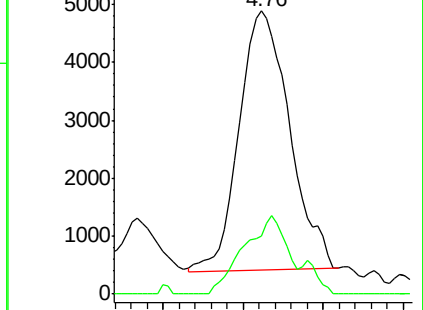
43 100

72 25.6 14.1 42.4

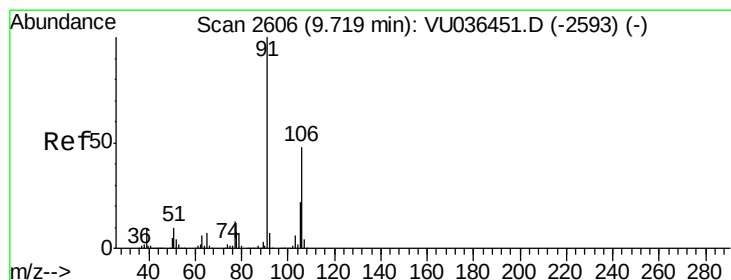
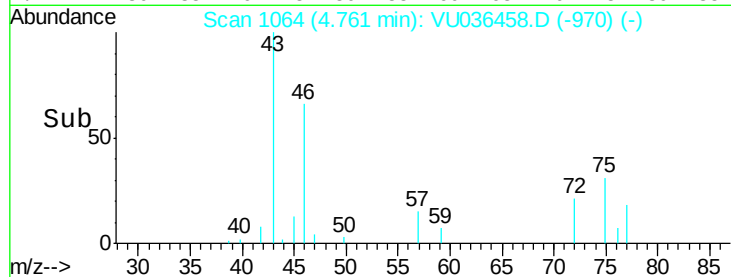


Abundance Ion 43.00 (42.70 to 43.70): VU036458.D (-970) (-)

Ion 72.00 (71.70 to 72.70): VU036458.D (-970) (-)



Time-->



#53

m,p-Xylene

Concen: 3.376 ug/L

RT: 9.72 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VU036458.D

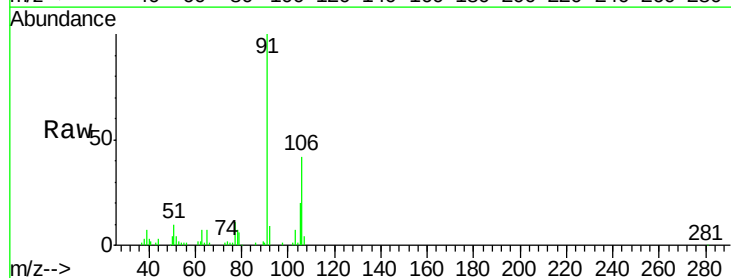
Acq: 14 Jan 2020 22:49

Tgt Ion: 106 Resp: 19700

Ion Ratio Lower Upper

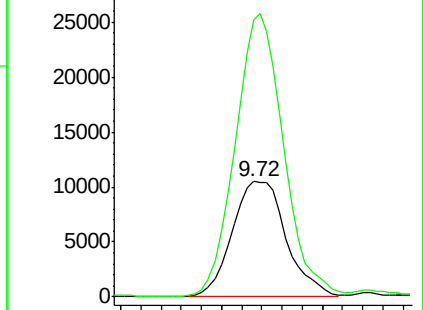
106 100

91 240.7 145.9 270.9

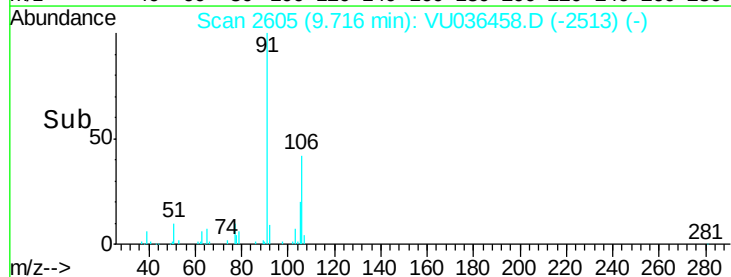


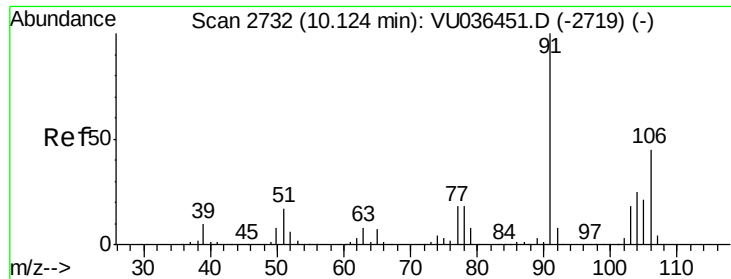
Abundance Ion 106.00 (105.70 to 106.70): VU036458.D (-2513) (-)

Ion 91.00 (90.70 to 91.70): VU036458.D (-2513) (-)



Time-->





#54
 o-xylene
 Concen: 1.308 ug/L
 RT: 10.13 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VU036458.D
 Acq: 14 Jan 2020 22:49

Instrument :
 MSVOA_U
 ClientSampleId :
 BFRB4

Tot Ion:106 Resp: 7622
 Ion Ratio Lower Upper
 106 100
 91 225.4 156.4 290.4

