

Data File : VU034614.D
Acq On : 17 Sep 2019 14:38
Operator : JC/SP
Sample : K4868-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Sep 18 04:35:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 18 04:30:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	227194	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	211091	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	86052	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	50334	45.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.84%
7) Chloroethane-d5	1.67	69	45442	53.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.26	63	84876	37.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.68%
21) 2-Butanone-d5	4.15	46	144740	117.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.11%
24) Chloroform-d	4.62	84	132050	53.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.12%
26) 1,2-Dichloroethane-d4	5.29	65	87447	57.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.18%
32) Benzene-d6	5.32	84	253283	54.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.14%
36) 1,2-Dichloropropane-d6	6.31	67	96633	55.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.86%
41) Toluene-d8	7.54	98	236972	52.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.18%
43) trans-1,3-Dichloropropene-	7.83	79	42229	51.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.48%
47) 2-Hexanone-d5	8.29	63	103991	110.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.95%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	145475	53.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.78%
64) 1,2-Dichlorobenzene-d4	11.84	152	84153	54.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.64%

Target Compounds

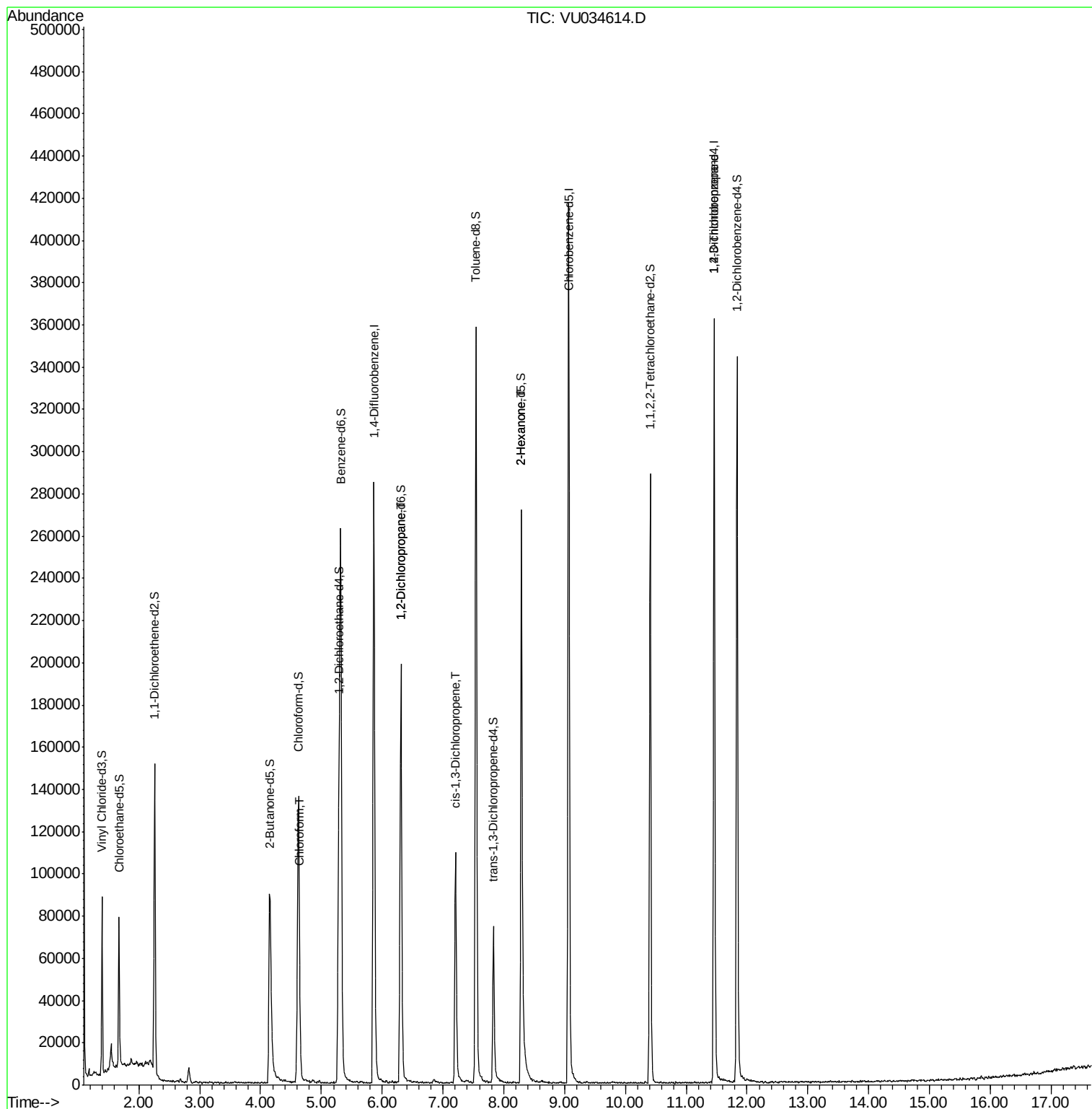
					Qvalue
25) Chloroform	4.65	83	5125	1.884 ug/L	97
37) 1,2-Dichloropropane	6.31	63	10447	6.428 ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3124	1.279 ug/L	91
48) 2-Hexanone	8.29	43	12053	5.675 ug/L #	66
59) 1,2,3-Trichloropropane	11.46	75	14014	6.313 ug/L	96

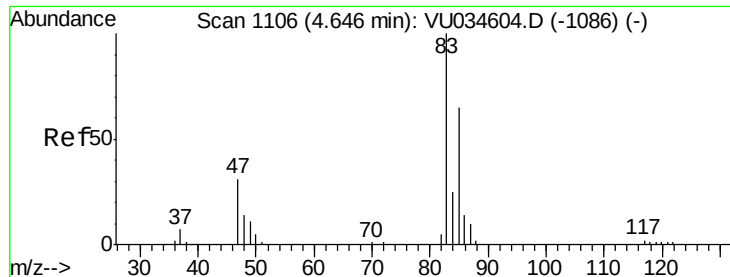
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU034614.D
Acq On : 17 Sep 2019 14:38
Operator : JC/SP
Sample : K4868-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Sep 18 04:35:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 18 04:30:59 2019
Response via : Initial Calibration

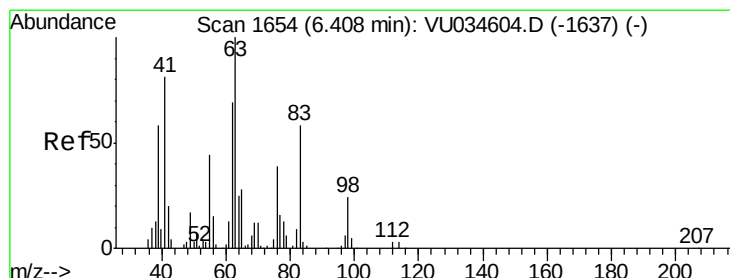
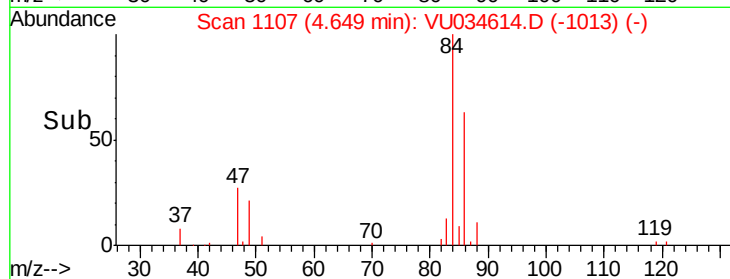
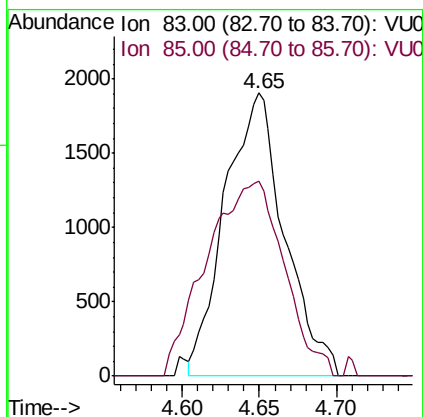
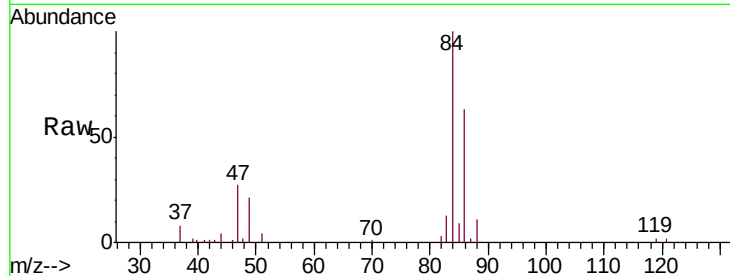




#25
Chloroform
Concen: 1.884 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034614.D
Acq: 17 Sep 2019 14:38

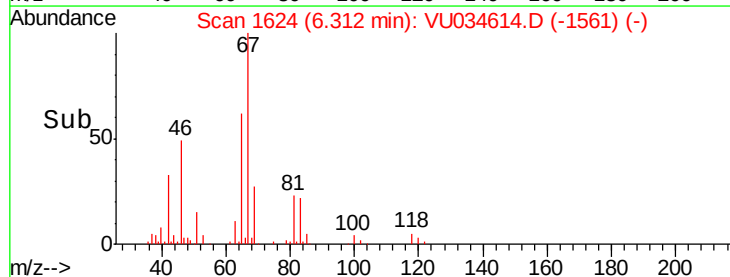
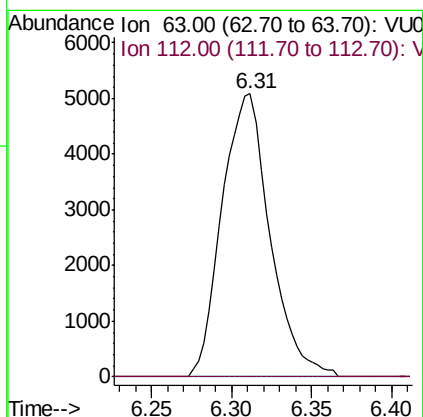
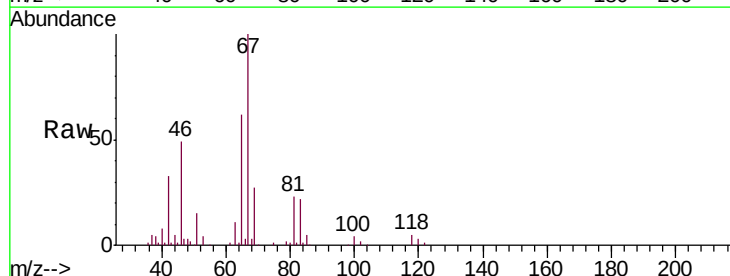
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

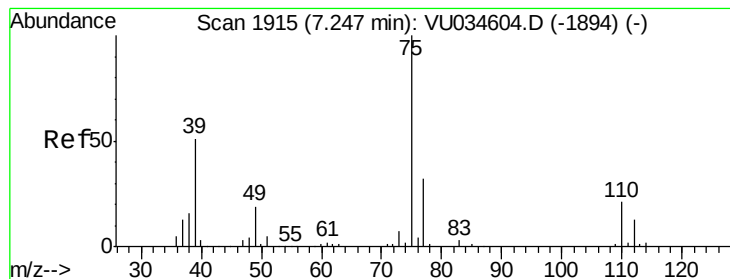
Tgt Ion: 83 Resp: 5125
Ion Ratio Lower Upper
83 100
85 69.1 46.6 86.6



#37
1,2-Dichloropropane
Concen: 6.428 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034614.D
Acq: 17 Sep 2019 14:38

Tgt Ion: 63 Resp: 10447
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#





#39

cis-1,3-Dichloropropene

Concen: 1.279 ug/L

RT: 7.21 min Scan# 1903

Delta R.T. -0.04 min

Lab File: VU034614.D

Acq: 17 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

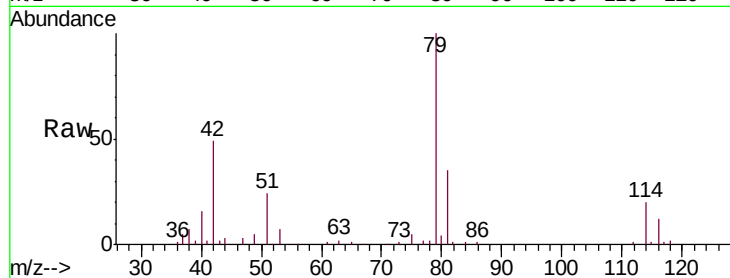
VHBLK01

Tgt Ion: 75 Resp: 3124

Ion Ratio Lower Upper

75 100

77 36.7 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VU034604.D (-1894) (-)

Ion 77.00 (76.70 to 77.70): VU034604.D (-1894) (-)

7.21

2000

1500

1000

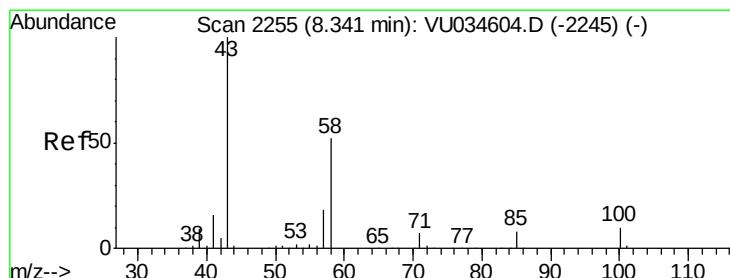
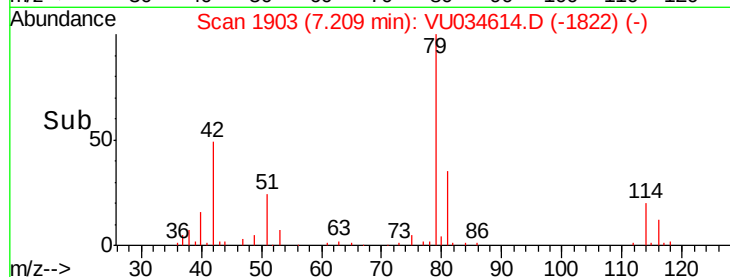
500

0

7.15

7.20

7.25



#48

2-Hexanone

Concen: 5.675 ug/L

RT: 8.29 min Scan# 2240

Delta R.T. -0.05 min

Lab File: VU034614.D

Acq: 17 Sep 2019 14:38

Tgt Ion: 43 Resp: 12053

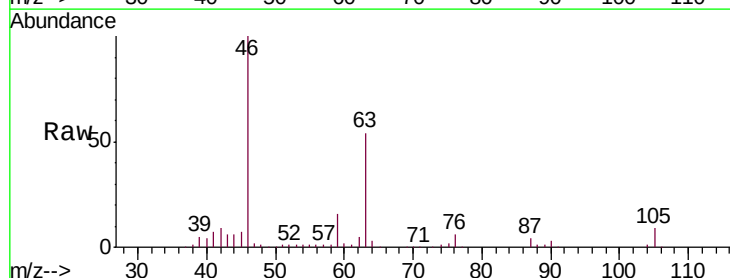
Ion Ratio Lower Upper

43 100

58 24.9 43.3 64.9#

57 22.1 13.1 19.7#

100 0.0 8.2 12.4#



Abundance Ion 43.00 (42.70 to 43.70): VU034604.D (-2245) (-)

Ion 58.00 (57.70 to 58.70): VU034604.D (-2245) (-)

Ion 57.00 (56.70 to 57.70): VU034604.D (-2245) (-)

Ion 100.00 (99.70 to 100.70): VU034604.D (-2245) (-)

8.29

10000

8000

6000

4000

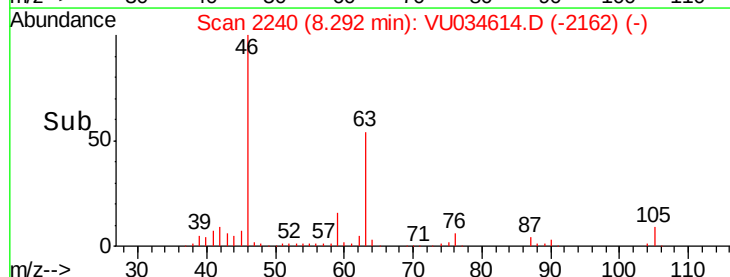
2000

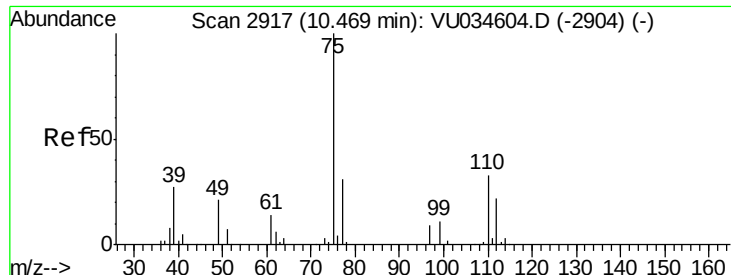
0

8.25

8.30

8.35





#59
 1,2,3-Trichloropropane
 Concen: 6.313 ug/L
 RT: 11.46 min Scan# 3225
 Delta R.T. 0.99 min
 Lab File: VU034614.D
 Acq: 17 Sep 2019 14:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 14014
 Ion Ratio Lower Upper
 75 100
 77 34.8 26.1 39.1

