

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080718\
 Data File : VU025939.D
 Acq On : 07 Aug 2018 13:37
 Operator : MD/SY
 Sample : VU0607WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK43

Quant Time: Aug 08 04:21:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 07 12:44:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	350898	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	330558	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	171649	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	100630	51.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.50%
7) Chloroethane-d5	1.64	69	55620	38.14	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.28%
11) 1,1-Dichloroethene-d2	2.26	63	144247	38.30	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.60%
21) 2-Butanone-d5	4.18	46	143924	107.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.57%
24) Chloroform-d	4.64	84	185875	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	5.31	65	127223	51.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.40%
32) Benzene-d6	5.34	84	376524	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.34%
36) 1,2-Dichloropropane-d6	6.33	67	118153	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.32%
41) Toluene-d8	7.57	98	354120	50.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.18%
43) trans-1,3-Dichloropropene-	7.85	79	61711	51.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.90%
47) 2-Hexanone-d5	8.32	63	110906	117.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.65%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	175759	56.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.02%
64) 1,2-Dichlorobenzene-d4	11.87	152	153715	54.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.42%

Target Compounds

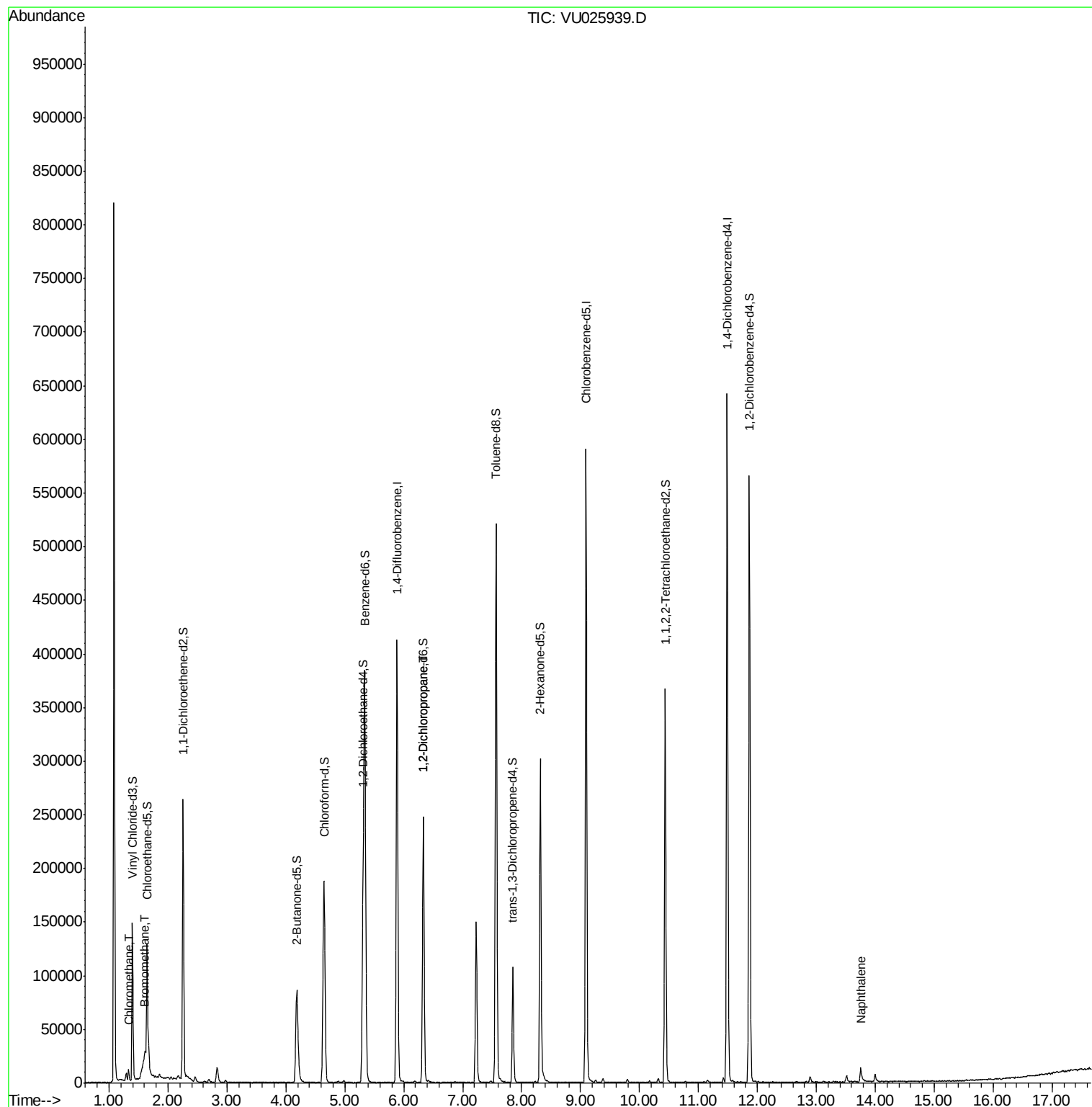
					Qvalue
3) Chloromethane	1.33	50	6993	3.114 ug/L	100
6) Bromomethane	1.60	94	1788	1.667 ug/L	95
37) 1,2-Dichloropropane	6.33	63	13478	5.838 ug/L #	88
69) Naphthalene	13.75	128	15748	1.632 ug/L #	96

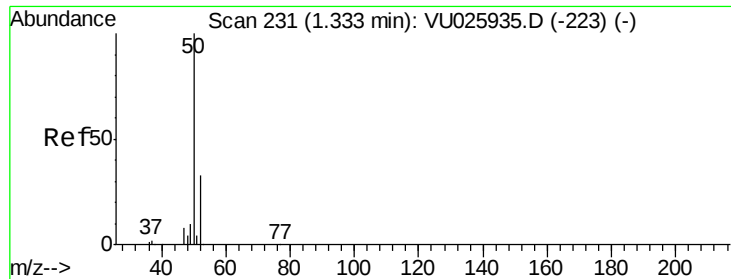
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 3.114 ug/L

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU025939.D

Acq: 07 Aug 2018 13:37

Instrument :

MSVOA_U

ClientSampleId :

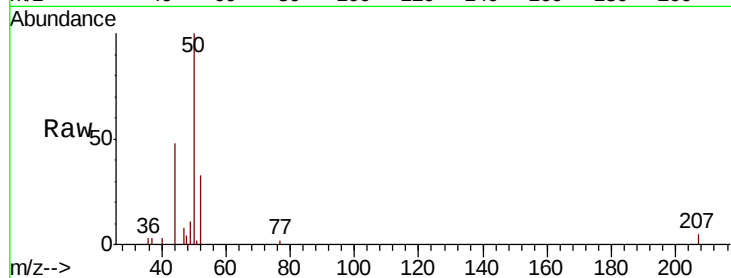
VBLK43

Tgt Ion: 50 Resp: 6993

Ion Ratio Lower Upper

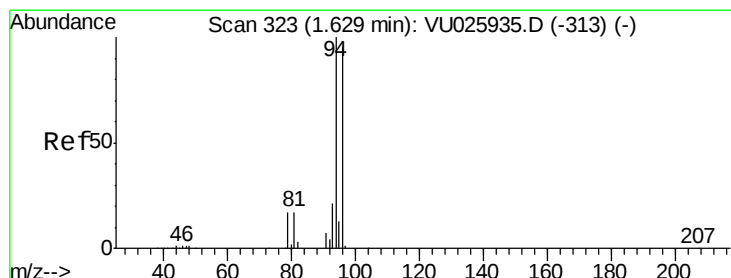
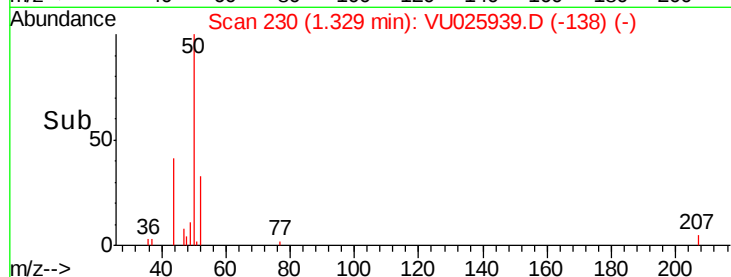
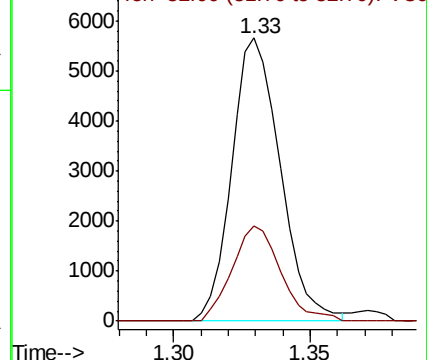
50 100

52 33.4 23.2 43.2



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 1.667 ug/L

RT: 1.60 min Scan# 315

Delta R.T. -0.03 min

Lab File: VU025939.D

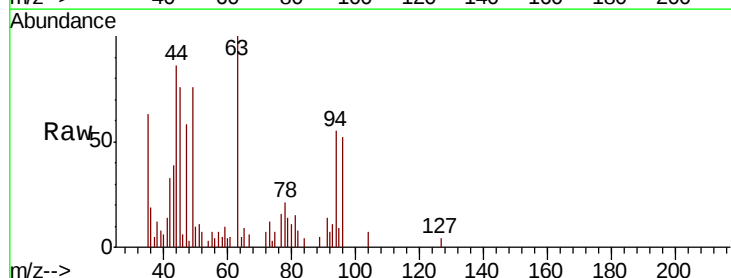
Acq: 07 Aug 2018 13:37

Tgt Ion: 94 Resp: 1788

Ion Ratio Lower Upper

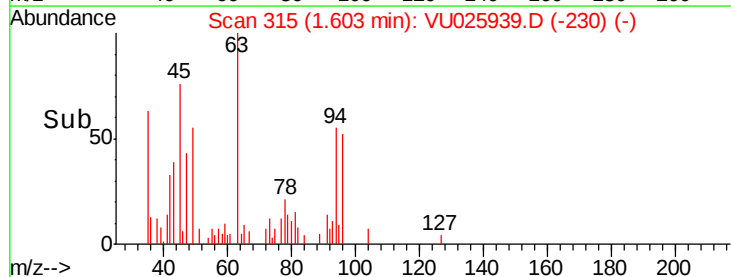
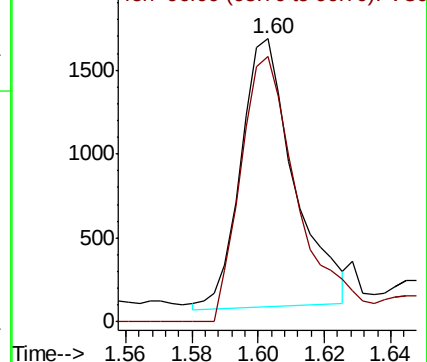
94 100

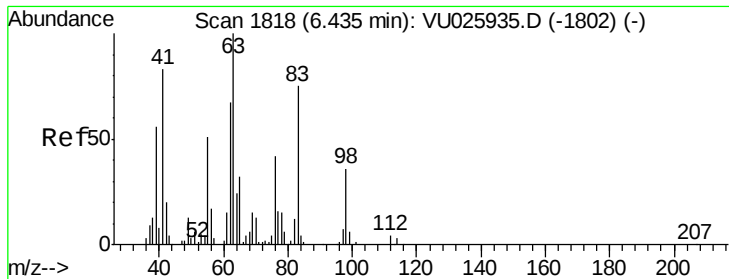
96 93.7 62.4 115.8



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

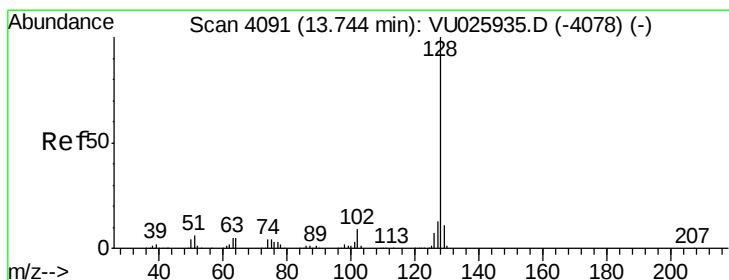
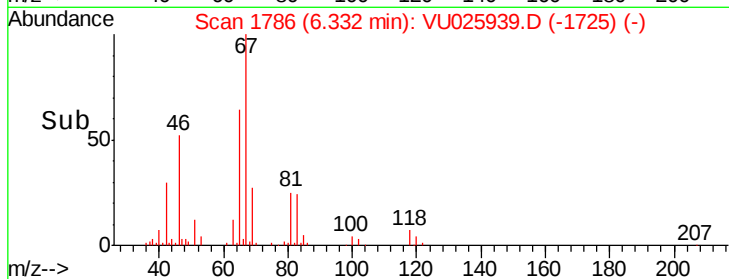
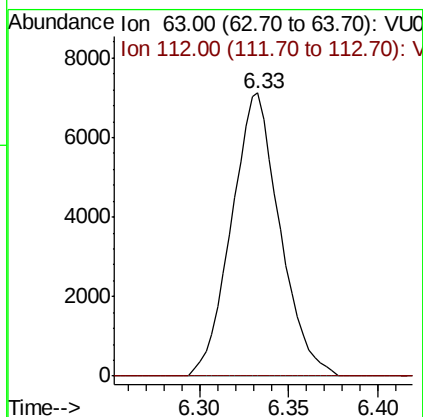
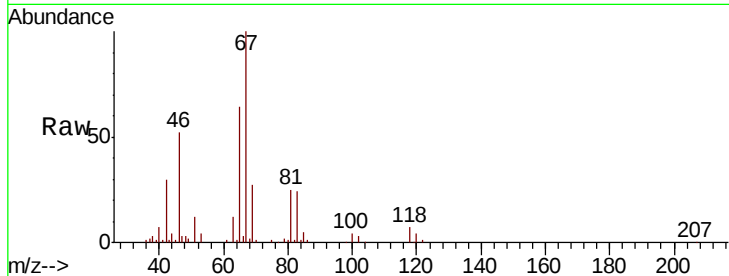




#37
 1,2-Dichloropropane
 Concen: 5.838 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
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Tgt Ion: 63 Resp: 13478
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#69
 Naphthalene
 Concen: 1.632 ug/L
 RT: 13.75 min Scan# 4094
 Delta R.T. 0.01 min
 Lab File: VU025939.D
 Acq: 07 Aug 2018 13:37

Tgt Ion: 128 Resp: 15748
 Ion Ratio Lower Upper
 128 100
 127 12.4 10.2 15.4
 129 8.0 8.4 12.6#

