

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062918\
 Data File : VU025067.D
 Acq On : 29 Jun 2018 13:13
 Operator : MD/SY
 Sample : VU0629WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK41

Quant Time: Jun 29 23:42:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 29 23:41:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	369736	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	330954	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	154264	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	107662	48.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.42%
7) Chloroethane-d5	1.68	69	87925	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.46%
11) 1,1-Dichloroethene-d2	2.27	63	174835	36.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.52%
21) 2-Butanone-d5	4.18	46	186623	101.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.02%
24) Chloroform-d	4.65	84	226860	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
26) 1,2-Dichloroethane-d4	5.31	65	162880	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
32) Benzene-d6	5.35	84	451906	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.54%
36) 1,2-Dichloropropane-d6	6.34	67	142884	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.80%
41) Toluene-d8	7.57	98	434188	48.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.74%
43) trans-1,3-Dichloropropene-	7.85	79	71926	49.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.20%
47) 2-Hexanone-d5	8.31	63	134066	101.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.56%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	193963	47.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	167296	49.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.54%

Target Compounds

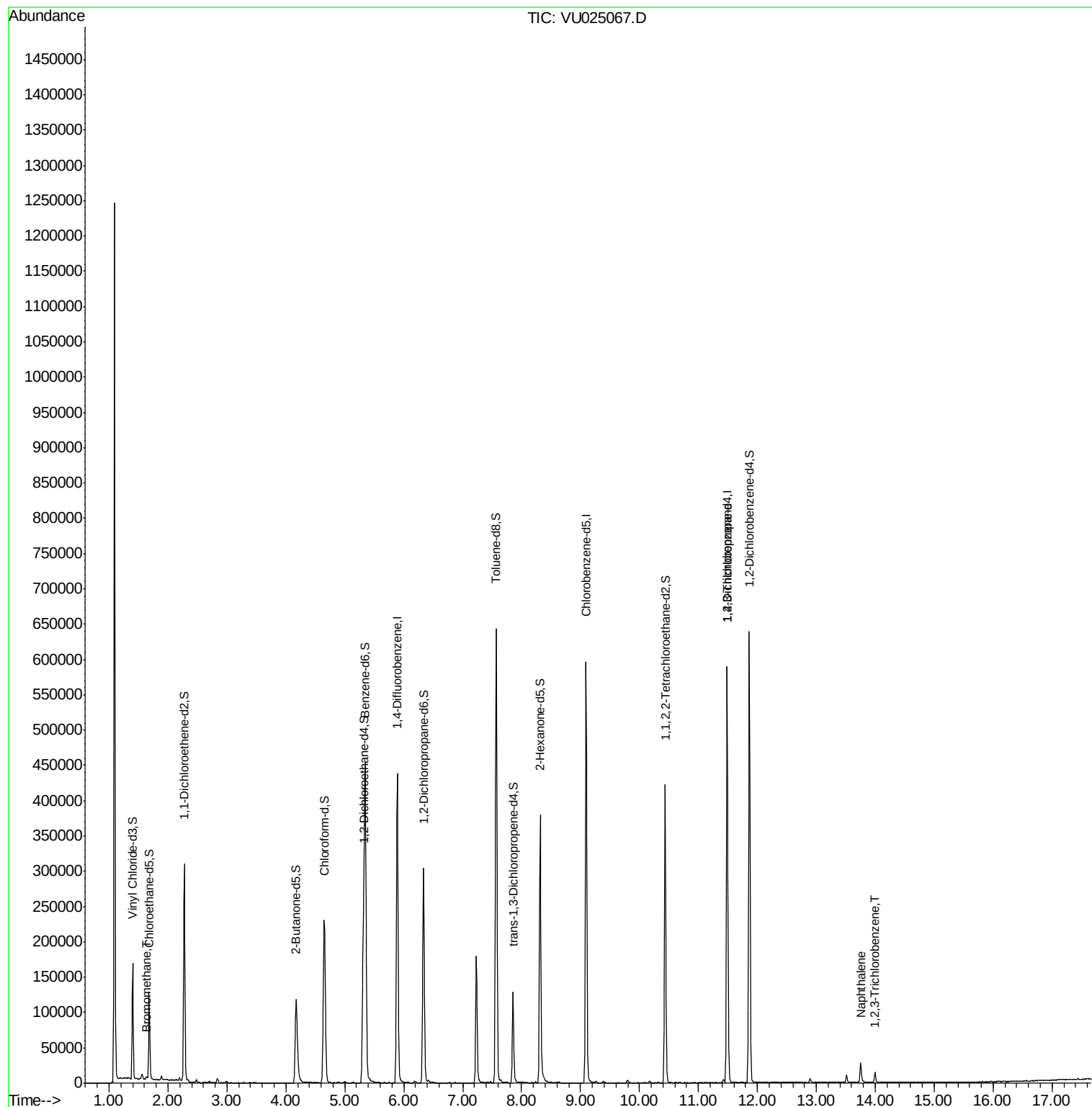
					Qvalue
6) Bromomethane	1.63	94	2193	1.424 ug/L	75
59) 1,2,3-Trichloropropane	11.49	75	17515	5.040 ug/L	89
69) Naphthalene	13.75	128	27651	2.592 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	5590	1.623 ug/L	92

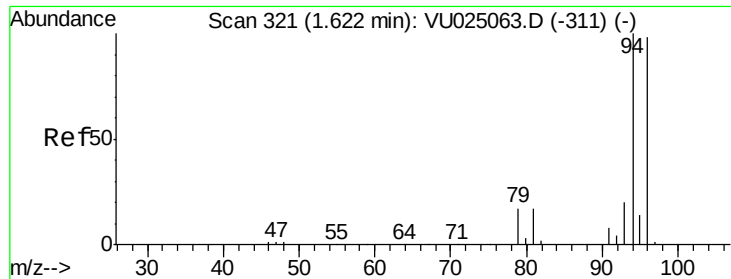
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 1.424 ug/L

RT: 1.63 min Scan# 324

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

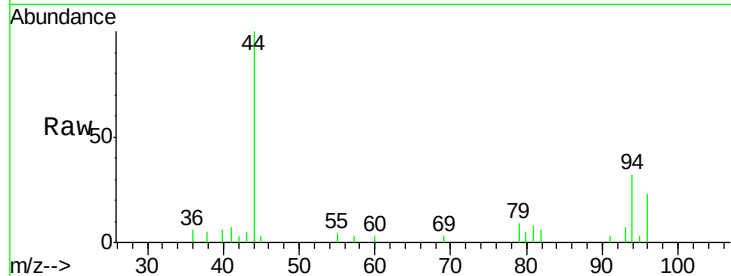
VBLK41

Tgt Ion: 94 Resp: 2193

Ion Ratio Lower Upper

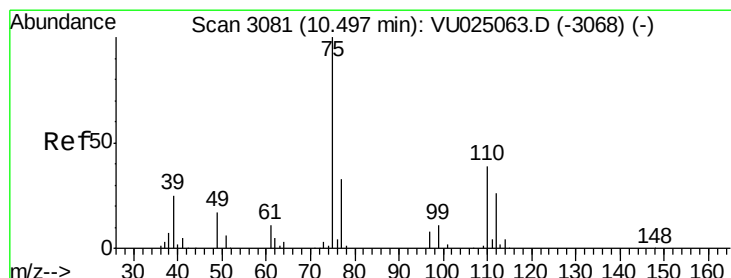
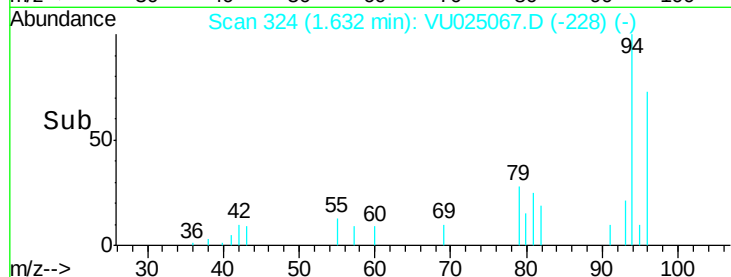
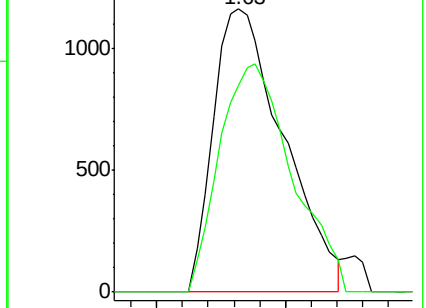
94 100

96 72.9 68.4 127.0



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.040 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025067.D

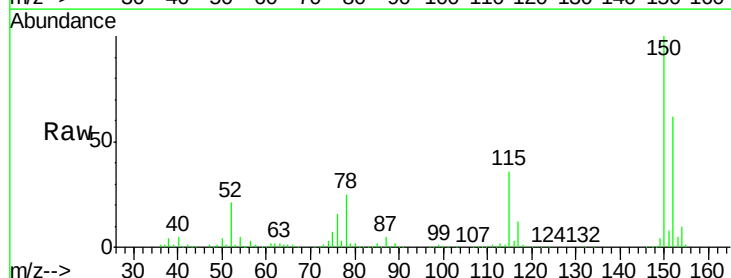
Acq: 29 Jun 2018 13:13

Tgt Ion: 75 Resp: 17515

Ion Ratio Lower Upper

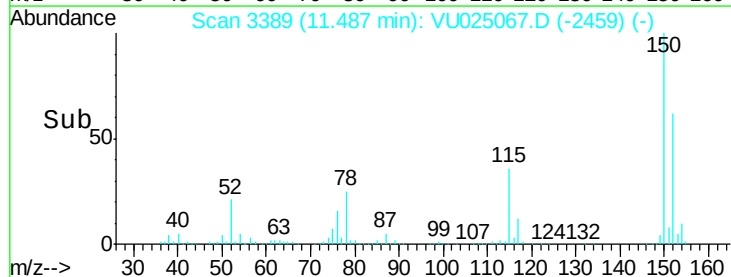
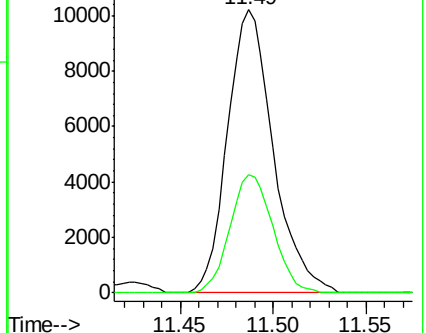
75 100

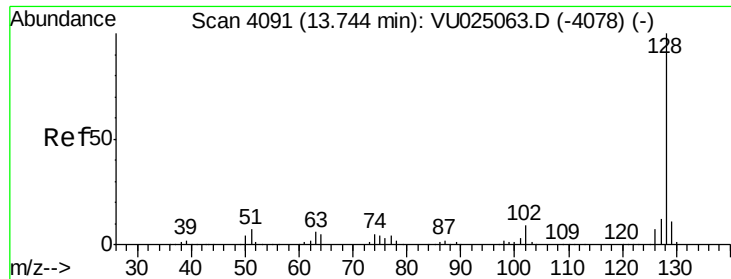
77 39.1 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#69

Naphthalene

Concen: 2.592 ug/L

RT: 13.75 min Scan# 4093

Delta R.T. 0.01 min

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VBLK41

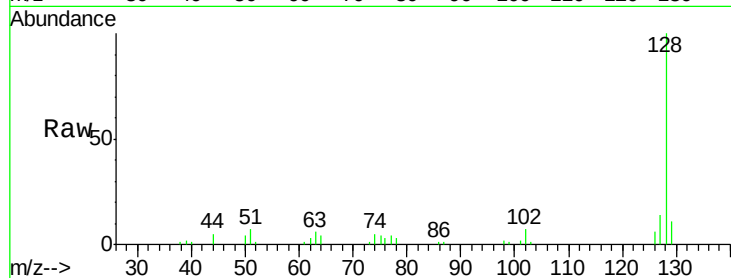
Tgt Ion:128 Resp: 27651

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.2

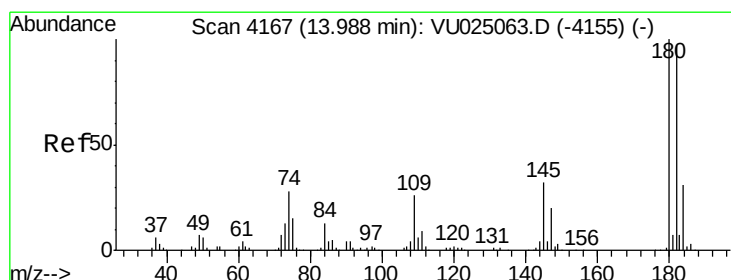
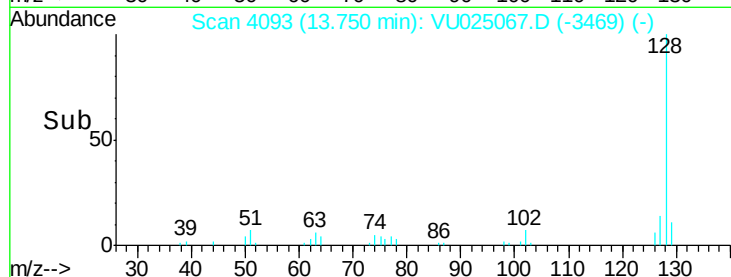
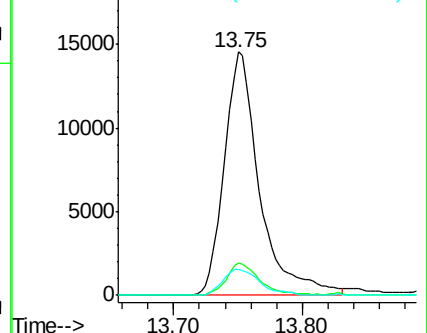
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 1.623 ug/L

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025067.D

Acq: 29 Jun 2018 13:13

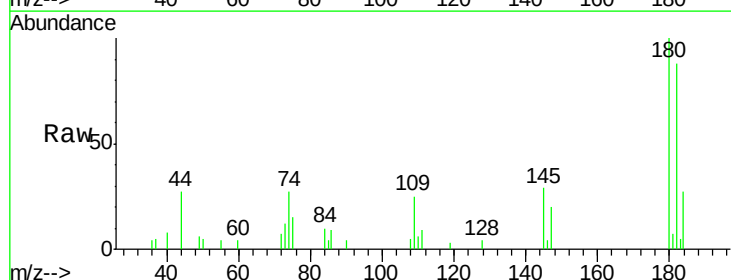
Tgt Ion:180 Resp: 5590

Ion Ratio Lower Upper

180 100

182 86.8 77.4 116.0

145 31.1 25.4 38.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

