

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080718\
 Data File : VU025969.D
 Acq On : 08 Aug 2018 04:10
 Operator : MD/SY
 Sample : VIBLK46
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK46

Quant Time: Aug 08 06:49:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 08 06:47:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	299202	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	272765	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	114462	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77245	46.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.18%
7) Chloroethane-d5	1.68	69	61651	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.16%
11) 1,1-Dichloroethene-d2	2.27	63	113388	35.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.62%
21) 2-Butanone-d5	4.18	46	118929	104.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.25%
24) Chloroform-d	4.65	84	160758	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.18%
26) 1,2-Dichloroethane-d4	5.31	65	107932	50.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.88%
32) Benzene-d6	5.35	84	310133	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.16%
36) 1,2-Dichloropropane-d6	6.34	67	98490	52.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.38%
41) Toluene-d8	7.57	98	283213	48.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.10%
43) trans-1,3-Dichloropropene-	7.85	79	43380	44.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.52%
47) 2-Hexanone-d5	8.31	63	76484	98.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.32%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	134084	51.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	106655	56.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

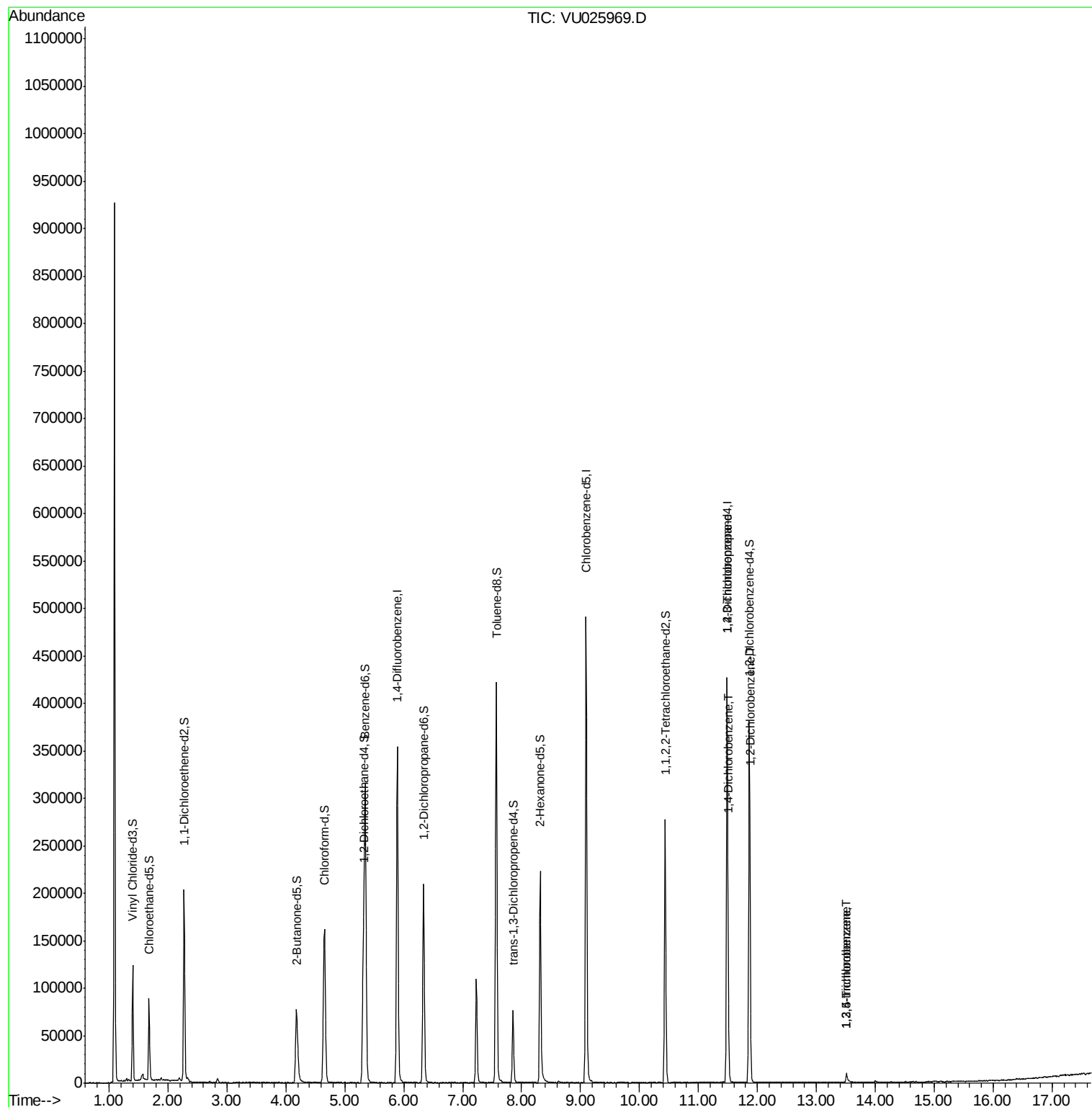
					Qvalue
59) 1,2,3-Trichloropropane	11.49	75	14224	5.867 ug/L #	87
63) 1,4-Dichlorobenzene	11.51	146	6186	1.773 ug/L	94
65) 1,2-Dichlorobenzene	11.88	146	4314	1.256 ug/L #	80
67) 1,3,5-Trichlorobenzene	13.52	180	3531	1.399 ug/L #	80
68) 1,2,4-trichlorobenzene	13.52	180	3531	1.612 ug/L #	75

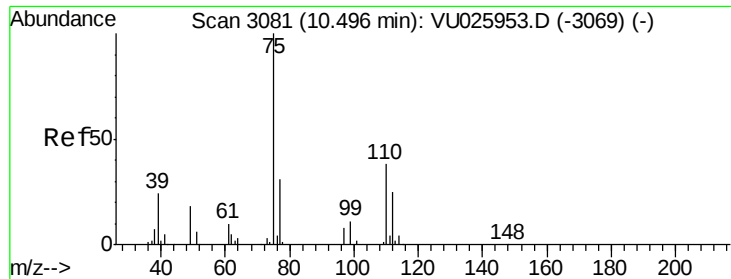
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#59

1,2,3-Trichloropropane

Concen: 5.867 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025969.D

Acq: 08 Aug 2018 04:10

Instrument :

MSVOA_U

ClientSampleId :

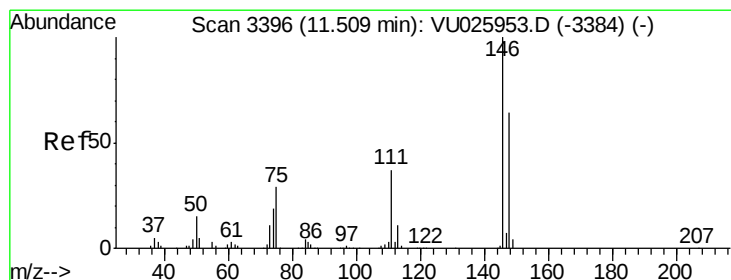
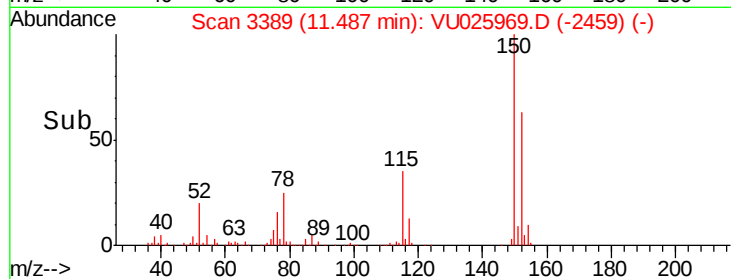
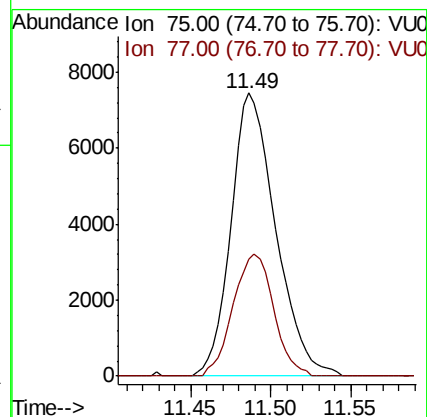
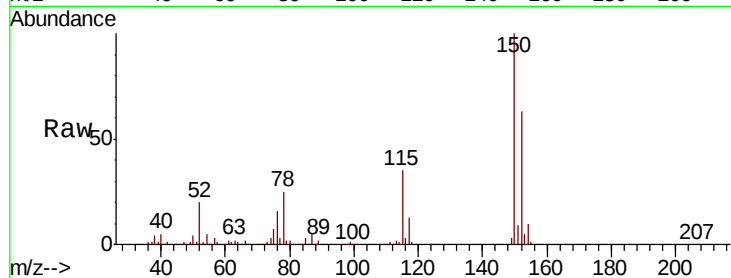
VIBLK46

Tgt Ion: 75 Resp: 14224

Ion Ratio Lower Upper

75 100

77 38.9 25.5 38.3#



#63

1,4-Dichlorobenzene

Concen: 1.773 ug/L

RT: 11.51 min Scan# 3396

Delta R.T. -0.00 min

Lab File: VU025969.D

Acq: 08 Aug 2018 04:10

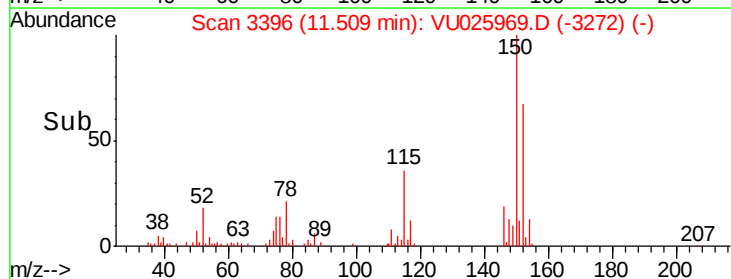
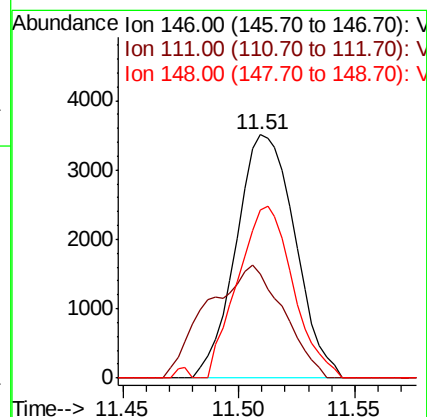
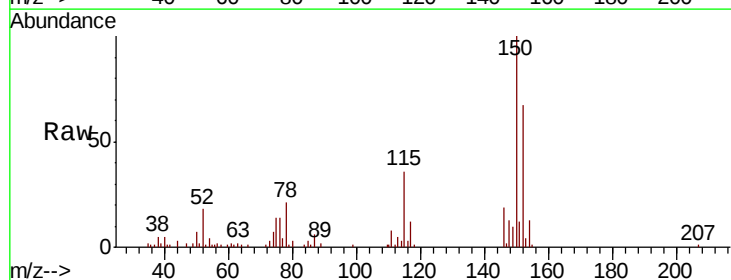
Tgt Ion: 146 Resp: 6186

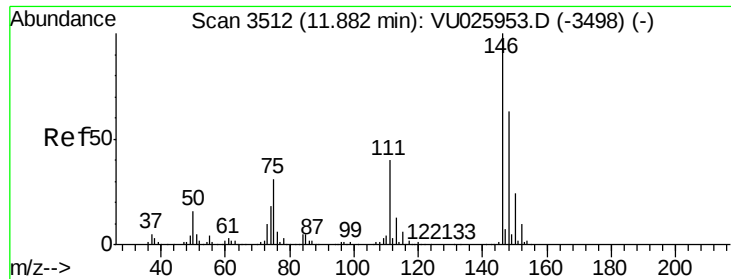
Ion Ratio Lower Upper

146 100

111 42.7 26.7 49.7

148 68.9 45.2 84.0





#65

1,2-Dichlorobenzene

Concen: 1.256 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025969.D

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Instrument :

MSVOA_U

ClientSampleId :

VIBLK46

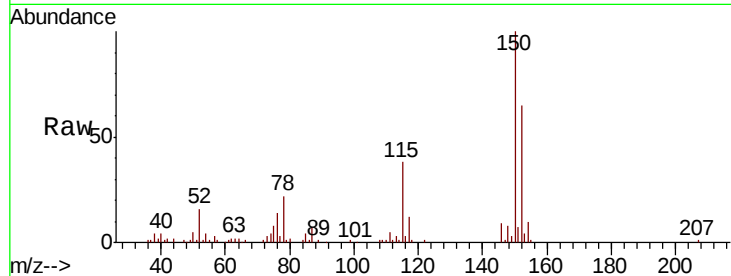
Tgt Ion:146 Resp: 4314

Ion Ratio Lower Upper

146 100

111 54.4 33.4 50.0#

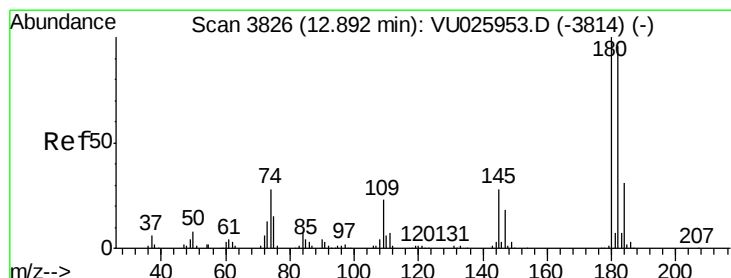
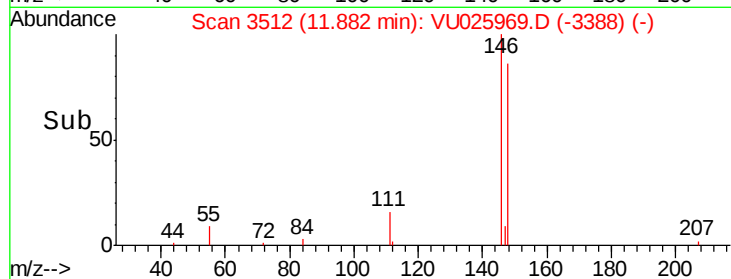
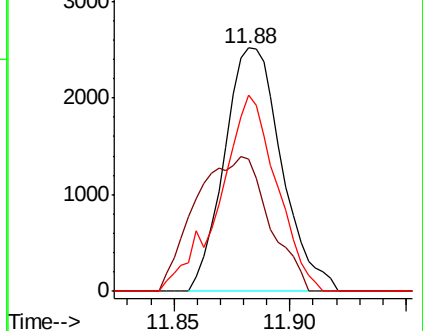
148 80.5 51.8 77.8#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#67

1,3,5-Trichlorobenzene

Concen: 1.399 ug/L

RT: 13.52 min Scan# 4020

Delta R.T. 0.63 min

Lab File: VU025969.D

Acq: 08 Aug 2018 04:10

Tgt Ion:180 Resp: 3531

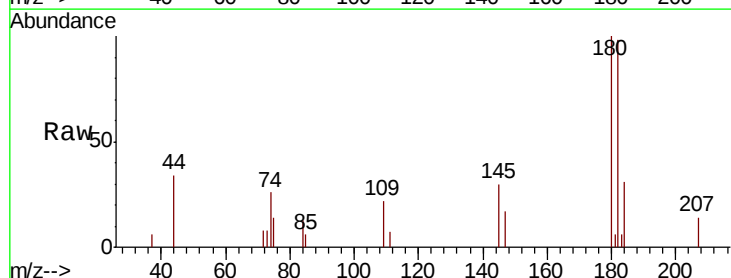
Ion Ratio Lower Upper

180 100

182 125.0 77.8 116.6#

184 36.9 24.6 37.0

145 29.1 23.4 35.0

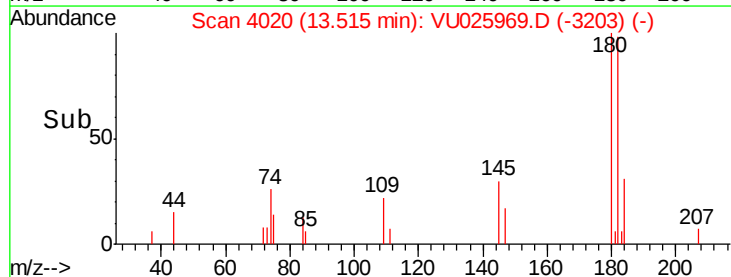
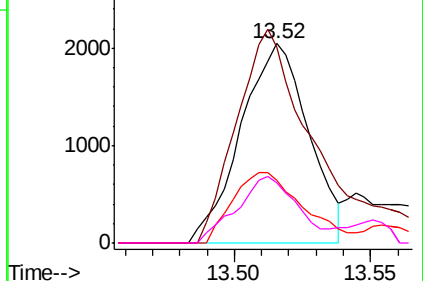


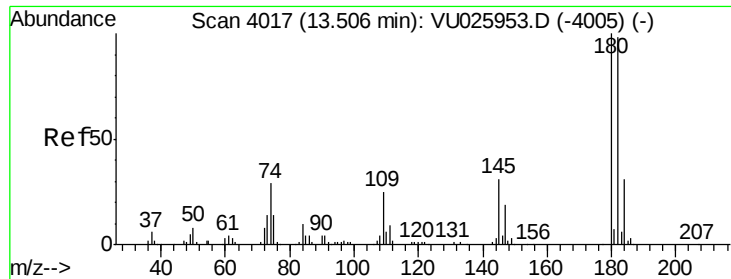
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V





#68
 1,2,4-trichlorobenzene
 Concen: 1.612 ug/L
 RT: 13.52 min Scan# 4020
 Delta R.T. 0.01 min
 Lab File: VU025969.D
 Acq: 08 Aug 2018 04:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK46

Tgt Ion:180 Resp: 3531
 Ion Ratio Lower Upper
 180 100
 182 125.0 75.3 112.9#
 145 29.1 23.1 34.7

